

ENGINE PARTS



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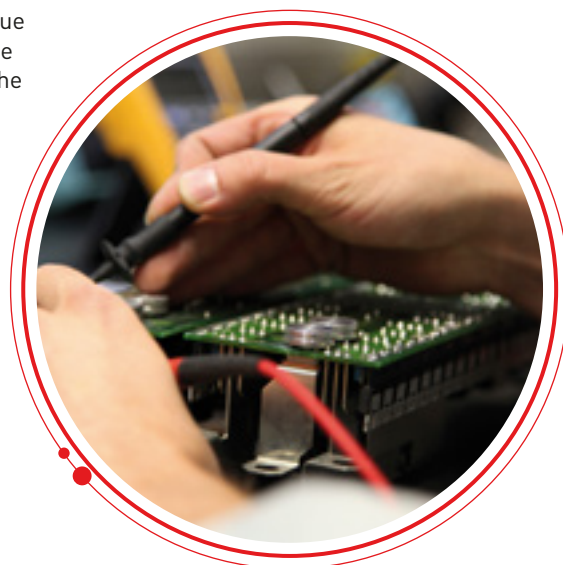




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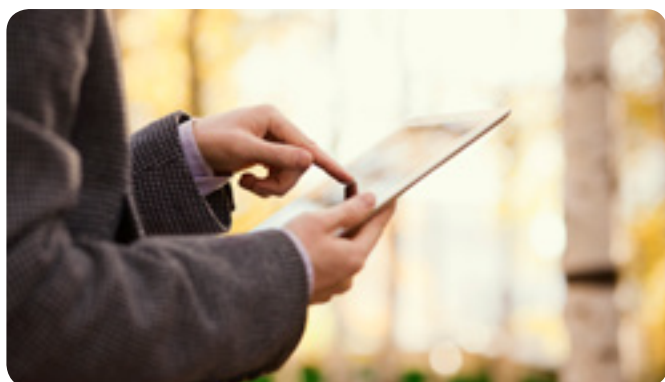
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**Crankshaft section
included in this catalogue!**



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for a complete list of crankshafts in our range.



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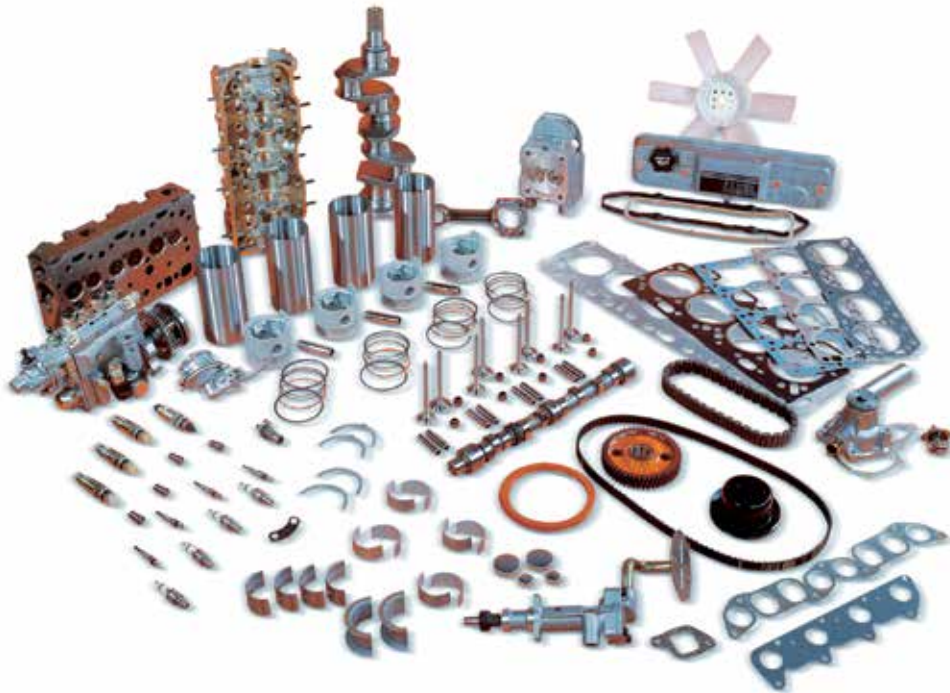
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NICE TO KNOW



NICE TO KNOW



When overhauling an engine, a thorough inspection is always the best starting point. If the engine failed due to premature wear or breakage, it is necessary to first track and repair the cause. Eliminating this cause will prevent the same problem from recurring in the future. Examples of possible causes are: taking in unfiltered air, using contaminated or bad oil, insufficient cooling ...

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In addition to the normal wear parts, this catalogue also features a chapter dedicated to cylinder heads and crankshafts.

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Whether you're clearing snow, grading a worksite or clearing land, your skid steer loader is one of the most valuable pieces of equipment you have in your fleet thanks to its versatility and manoeuvrability. When it's time to shop for replacement parts and accessories, TVH can help you find what you're looking for every time.

COMPACT TRACK LOADERS

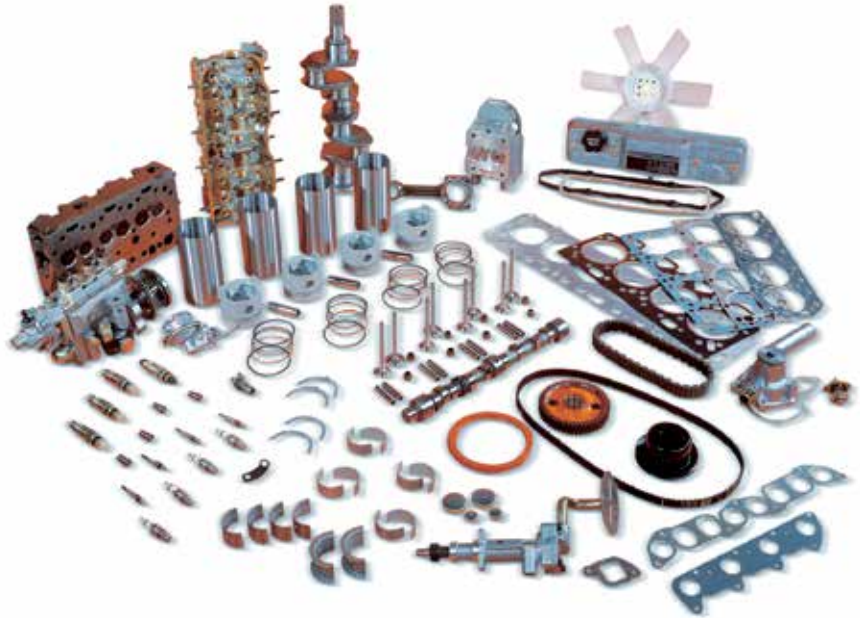
Much like a skid steer loader, your compact track loader is a hard-working piece of equipment in your fleet. When the job requires a machine with a delicate touch, you turn to your compact track loader with its high-flotation rubber tracks. TVH can help make sure you have the proper tracks and parts to keep your machine in excellent condition.

These parts are suitable for:

Bobcat - Case - Caterpillar - JCB - John Deere - Kubota - Takeuchi - Volvo - Yanmar and many more



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Port equipment engine parts suitable for:

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Fast-movers in stock

We also have service exchange cylinder heads, injection pumps, crank shafts and engine blocks available.

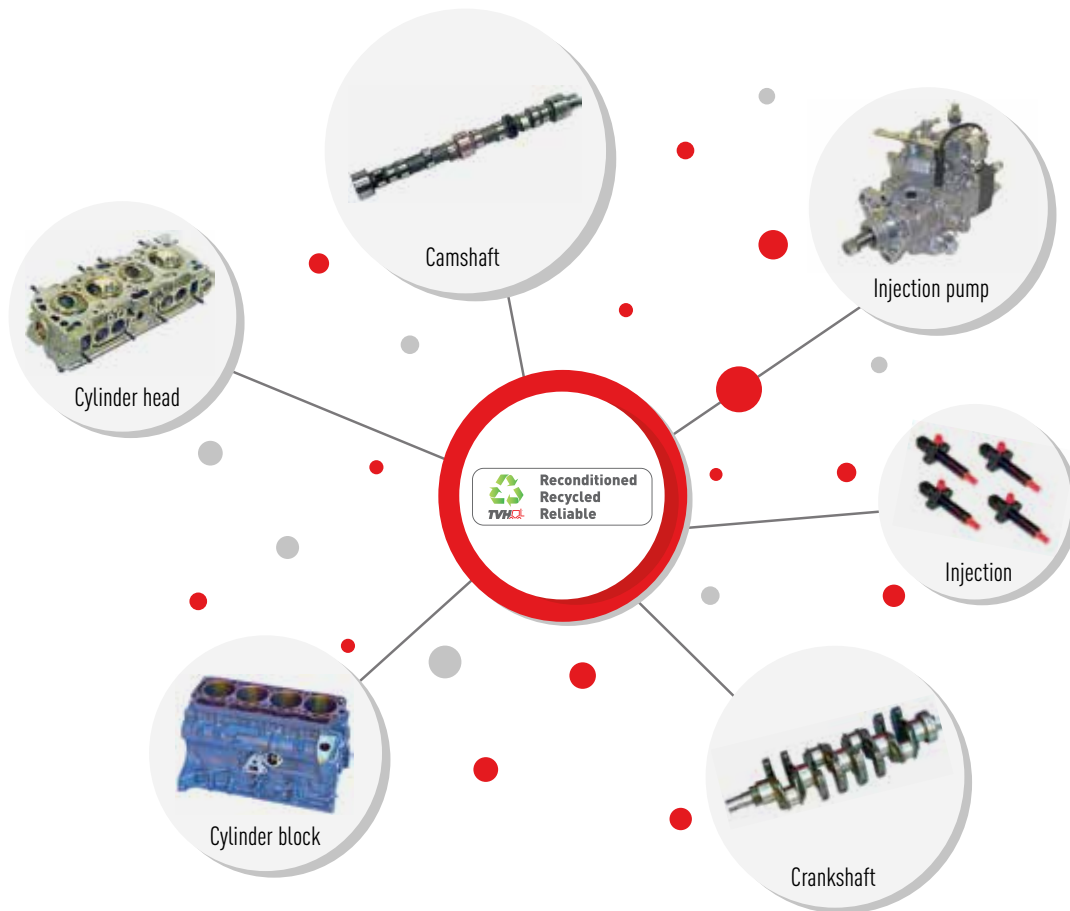


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For further information, please contact us.**



Reconditioned engine parts suited for:

Injection pumps, crankshafts, cylinder heads, camshafts, injectors, blocks, short blocks ...

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| · CATERPILLAR | · GM | · PEUGEOT |
| · CHRYSLER | · ISUZU | · RENAULT |
| · CONTINENTAL | · KOMATSU | · TOYOTA |
| · CUMMINS | · MAZDA | · VOLKSWAGEN |
| · DETROIT | · MERCEDES | · VOLVO |
| · DEUTZ | · MITSUBISHI | · WAUKESHA |
| · FIAT-OM | · NISSAN | |
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A good alternative!***

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6-month warranty**

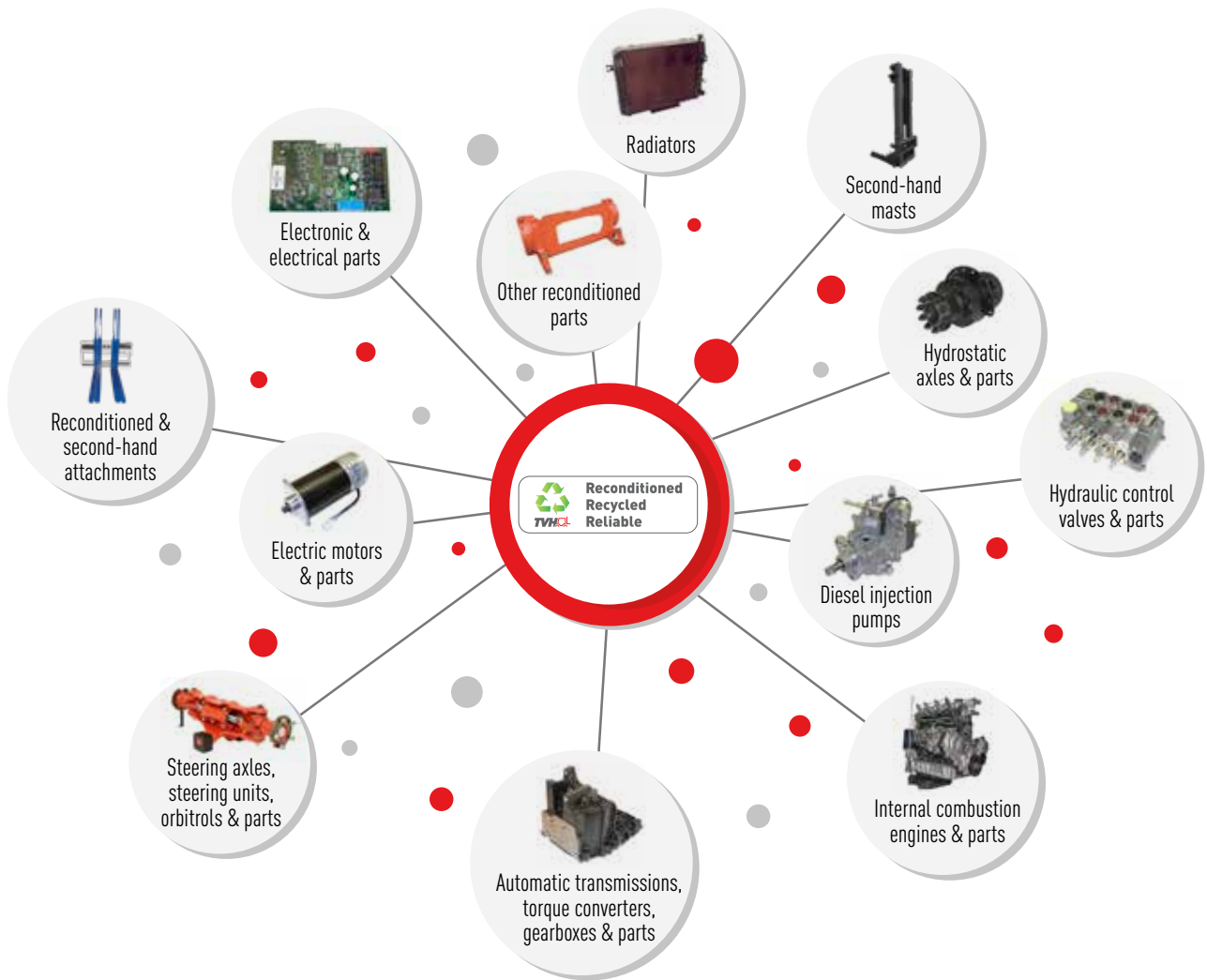
- CATERPILLAR
- CHRYSLER
- CONTINENTAL
- CUMMINS
- DETROIT
- DEUTZ
- FIAT-OM
- FORD

- GM
- ISUZU
- KOMATSU
- MAZDA
- MERCEDES
- MITSUBISHI
- NISSAN
- PERKINS

- PEUGEOT
- RENAULT
- TOYOTA
- VOLKSWAGEN
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Electric motors, internal combustion engines, printed circuit boards, hydraulic pumps, transmissions, torque converters, radiators, steering axles, starters, alternators ... everything is in stock! TVH has invested in a wide range of test devices which allow us to pass stringent quality controls on various spare parts. The tests are designed in such a manner that a realistic work situation is generated during the tests.

Buying one of our reconditioned parts is the perfect alternative to buying a new spare part. Ask for the availability and the conditions! You can buy a reconditioned part with or without the return of an old unit (service exchange parts).



Find out more about our reconditioned parts in our brochure **(REF 29127412)** or go to downloads on www.tvh.com to watch the movie.

**Same warranty as for a new part,
at a price that can be up to 50% cheaper!**



ENGLISH: HOW TO USE THIS MANUAL

Engine characteristics:

First, look up the correct make in the catalogue. The makes are listed alphabetically. At the top of the page you can find the make and type of the engine, underneath you can find the specifications and what makes of truck this engine is used in. You can find the list of makes on pages B to F.

Make and type of the engine

Specifications: **gasoline or diesel engine · number of cylinders · bore**

In: **the makes in which this engine is used**

Indications:

Each engine part is given an indication, in order to facilitate the identification of the correct reference as much as possible.

E.g. 4 PI 058001 STD A
 (5) (1) (2) (3) (4)

(1) = PI is the (abbreviated) indication of the engine part (piston). You can find this indication in the list on pages 6 to 8.

(2) = 058001 is our internal reference for this specific engine.

(3) = Certain engine parts (pistons, bearings, etc.) are available in different dimensions (standard/oversize/undersize). Here you find an indication of the size of the part.

E.g. STD: standard
 025: 0,250 mm oversize or undersize
 0125: 0,125 mm oversize or undersize
 0254: 0,254 mm oversize or undersize

(4) = If different designs of an engine part are available, these are indicated by A, B, C, etc. The characteristics of the different designs are shown in the column "REMARKS".

(5) = The number in front of the notation of the engine part indicates how many pieces the reference consists of. This way you know what quantity to order. If nothing is stated, then the default rule applies. You can find this in the list on pages 6-7.

Examples:

1) 4PI 058006STDA:

In the parts list on pages 6-7 you can see that PI is the indication of the piston. In the last column you can find the default rule, indicating that a piston is always supplied 'per piston'. In this example the '4' at the beginning of the indication indicates that these pistons are always supplied in a set of 4 pieces.

058006: this is our internal number for a TOYOTA 2J engine.
STD: indicates that it concerns the standard size of the piston.
A: the 2J engine has several designs of pistons. This piston (A) is one of the possible designs.

So this reference 4PI 058006STDA consists of 4 standard pistons type A for a TOYOTA 2J engine.

2) 1BL 057004025:

In the list you can see that BL is a connecting rod bearing set. According to the rule these are always supplied per connecting rod or two bearing halves. The 1 at the beginning of the indication indicates that this reference only contains 1 bearing half.

057004: NISSAN J15
025: undersize 0,25 mm



Engine parts:

1. Pistons, piston rings, liners, liner assemblies

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 90.6 mm, without piston pin	
PP 134001	4		
PC 134001	8		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 54.0 mm	

If different designs of pistons are available, the references are listed consecutively in the list. The different piston rings are also listed. Design A of the piston rings matches with design A of the pistons. The same goes for the liner assemblies. Should there be a difference however, this will be noted in the column "REMARKS".

2. Valves, tappets, valve guides

If different designs of valves are available for an engine, then the different dimensions, valve grooves or valve seat angles are stated in the column "REMARKS".

3. Bearings

In the column "REMARKS" you can always find how many times the part in question is used per engine. This is stated in the column Qty/eng. When ordering bearings you need to check exactly how many bearings you need and how many bearings the reference contains. When doing so, please disregard the drawing in the box above. This is merely a representation of the bearings. In the column "STD shaft dia" you can find the standard shaft diameter.

4. Gasket kits, gaskets

The gaskets that are typical of the different gasket sets are marked with A, B, C, etc ... The markings (A, B, C, etc ...) refer to the respective versions of the gasket sets (A, B, C, etc ...).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	8	O-ring	
KA 058004D	8		
SV 058004A	1	58.0 x 38.5 x 11.0 mm	
SV 058004B	1	88.0 x 45.0 x 12.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440 mm	
KD 058004B	1	Length: 450 mm	



The gasket kit [KP058004A](#) includes among other things the gaskets marked with an A. The same goes for the kit references ending in B, C, D and E. To order the correct gasket kit, please check which gaskets are used for your engine.

If e.g. the following gaskets are used in your engine, then the gasket kit to order is KP058004D.



The same principle applies to the top gasket kits.

The different cylinder head gaskets [JC058004A](#), [JC058004B](#) and [JC058004D](#) are designated respectively with JCA, JCB and JCD.

Next to each gasket kit is also mentioned in the remarks whether the (rear and front) crankshaft oil seals and/or the valve seals are included in the kit.

If these seals are not included, they can be ordered separately:

- KA: valve stem seal (per piece)
- SV: oil seal, front
- SA: oil seal, rear

5. Oil pumps, water pumps

Here again the different repair kits (A, B, etc ...) match the corresponding pumps (A, B, etc ...).

In the right-hand column a photograph of the actual pump is always shown.

With the water pump you also receive a photograph of the top and bottom. The height and the length of the pump are always mentioned.



6. Glow plugs, spark plugs

The differences between the different glow plugs are always stated.

E.g. 10,5 V; M10; total length: 89 mm

- Voltage: 10,5 V
- Thread: M10
- Total length: 89 mm

The differences between the spark plugs are indicated with the type.

E.g. W14- EXU



Parts list

English

	ID	Description	Contents		ID	Description	Contents
PISTONS, CYLINDER SLEEVES AND ACCESSORIES				BEARINGS			
	PI	piston (with or without pin)	per piston		HL	main bearing set	engine set
	PP	piston pin	1 piece		AL	thrust washer set	engine set
	PC	retaining ring, piston pin	1 piece		BL	bearing set, connecting rod	per con rod
	SE	ring set	engine set		PB	bush, piston pin	1 piece
	PISE	piston (with or without pin) + ring set	per piston		NL	camshaft bearing set	engine set
	CH	sleeve	1 piece	GASKETS			
	AS	sleeve assy (piston, rings, sleeve)	per cylinder		KP	overhaul gasket kit	1 piece
VALVES AND RELATED PARTS					BP	gasket kit, valve regrind	1 piece
	IK	intake valve	1 piece		CP	gasket kit, bottom	1 piece
	UK	exhaust valve	1 piece		JC	gasket, cylinder head	1 piece
	KS	tappet, valve	1 piece		DP	gasket kit, timing	1 piece
	IG	guide, intake valve	1 piece		KA	valve seal	1 piece
	UG	guide, exhaust valve	1 piece		SV	oil seal crankshaft, front	1 piece
	KG	guide, intake/exhaust valve	1 piece		SA	oil seal crankshaft, rear	1 piece

For any other engine part, please contact us !

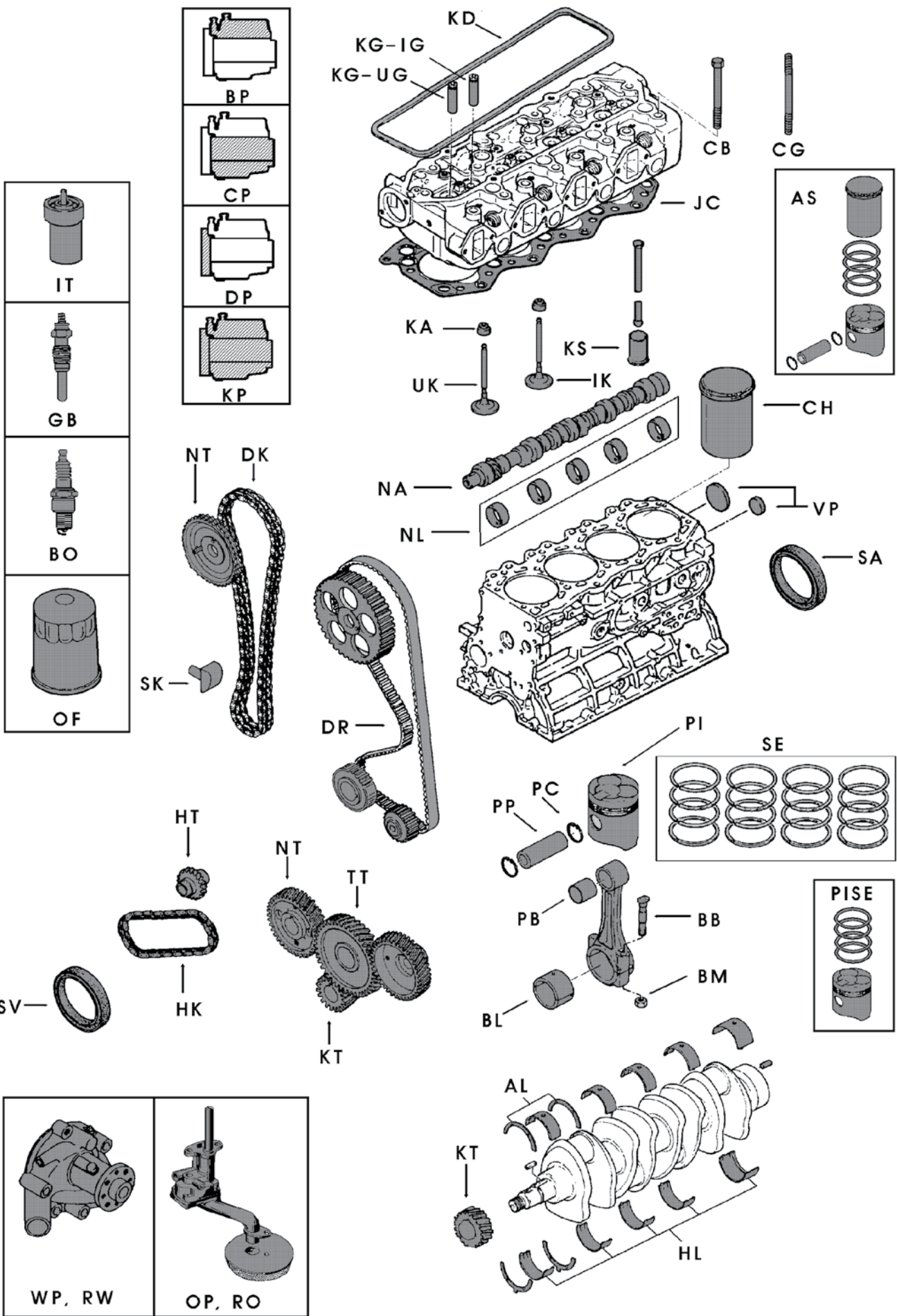


Parts list

English

	ID	Description	Contents		ID	Description	Contents
	KD	gasket, valve cover	1 piece		KT	gear, crankshaft	1 piece
HARDWARE					TT	gear, idler	1 piece
	CB	bolt, cylinder head	1 piece		HT	gear, hydraulic pump drive	1 piece
	VP	kit expansion plugs	engine set		DK	chain, timing	1 piece
	BB	bolt, connecting rod	1 piece		SK	chain tensioner	1 piece
	BM	nut, connecting rod	1 piece		DR	belt, timing	1 piece
	CG	stud, cylinder head	1 piece		HK	chain, hydraulic pump drive	1 piece
WATER AND OIL PUMPS					OK	chain, oil pump drive	1 piece
	OP	oil pump	1 piece	FILTERS, IGNITION AND INJECTION			
	WP	water pump	1 piece		OF	oil filter	1 piece
	RO	repair kit, oil pump	1 piece		BO	spark plug	1 piece
	RW	repair kit, water pump	1 piece		GB	glow plug	1 piece
TIMING PARTS					IT	nozzle, injector	1 piece
	NA	camshaft	1 piece				
	NT	gear, camshaft	1 piece				

For any other engine part, please contact us !



For any other engine part, please contact us !



FRANÇAIS: COMMENT UTILISER CE CATALOGUE

Caractéristiques du moteur:

Recherchez d'abord la marque dans le catalogue. Les marques sont classées alfabétiquement. En haut de chaque page, vous trouverez la marque et le type, là-dessous les spécifications et les marques dans lesquelles se trouve le moteur. Vous retrouverez la liste des marques aux pages B à F.

Marque et type du moteur

Spécifications: **essence ou diesel** · **nombre de cylindres** · **alésage**

Dans: **les marques dans lesquelles se trouve ce moteur**

Notations:

Chaque pièce moteur reçoit une notation afin de faciliter au mieux la recherche de la bonne référence.

P.ex. 4 PI 058006 STD A
(5) (1) (2) (3) (4)

(1) = PI est l'indication de la pièce moteur (piston). Vous trouverez cette notation dans la liste aux pages 12 à 14.

(2) = 058006 est notre numéro interne pour ce moteur spécifique.

(3) = Lorsque certaines pièces moteur ont une cote majorée ou minorée (p.ex. de pistons, coussinets, etc.), elles sont désignées comme suit .

STD: standard
025: cote majorée ou minorée de 0,250 mm
0125: cote majorée ou minorée de 0,125 mm
0254: cote majorée ou minorée de 0,254 mm

(4) = Lorsqu'il existe plusieurs versions d'une certaine pièce moteur, celles-ci sont désignées par A, B, C ... Les particularités de ces versions sont mentionnées dans la colonne 'REMARKS'.

(5) = Le nombre avant l'indication de la pièce moteur indique dans combien de pièces consiste la notation. Ainsi, vous savez combien de pièces vous devez commander. Si rien n'est mentionné, la règle standard s'applique. Vous la trouverez dans la liste aux pages 12-13.

Exemples:**1) 4PI 058006STDA:**

Dans la liste des pièces aux pages 12-13, vous verrez que PI est l'indication du piston. Dans la dernière colonne, vous trouverez la règle standard, qui indique qu'un piston est toujours fourni 'par piston'. Dans cet exemple, le '4' en avant dans la notation indique que ces pistons sont toujours fournis par 4.

058006: notre numéro interne désignant le moteur TOYOTA 2J.

STD: indique la cote standard du piston.

A: Il existe différentes versions de pistons pour le moteur 2J. Le piston A en est un exemple.

La référence 4PI 058006STDA consiste en 4 pistons standards pour un moteur TOYOTA 2J du type A.

2) 1BL 057004025:

Dans la liste, vous verrez que BL est un coussinet de bielle. Selon la règle, la livraison se fait par bielle ou deux demi-coussinets. Le '1' en avant dans la notation indique qu'il s'agit ici d'un seul demi-coussinet.

057004: NISSAN J15

025: cote minorée 0,25 mm



Pièces moteur:

1. Pistons, segments, chemises, ensemble de chemises

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 90.6 mm, without piston pin	
PP 134001	4		
PC 134001	B		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 54.0 mm	

Lorsqu'il existe différentes versions des pistons, leurs références seront notées l'une après l'autre, ainsi que les références des différents segments. Par conséquent, la version A des segments appartient à la version A des pistons. C'est également le cas avec les ensembles de chemises. Sinon, ceci est toujours mentionné dans la colonne 'REMARKS'.

2. Soupapes, poussoirs de soupape, guides de soupapes

Lorsqu'il existe différentes soupapes pour un certain moteur, vous retrouverez les différentes dimensions, rainures ou angles de siège de soupape dans la colonne 'REMARKS'.

3. Coussinets

Dans la colonne "REMARQUES", il est toujours mentionné combien de fois la pièce en question est présente par moteur. Ceci se trouve dans la colonne Qty/eng. Lorsque vous commandez des coussinets, il faut examiner attentivement combien de coussinets vous avez besoin et combien de coussinets sont compris dans la référence. Ne tenez absolument pas compte des dessins dans le cadre supérieur, ce ne sont que des représentations des coussinets. Le diamètre standard de l'axe est noté dans la colonne 'STD shaft dia'.

4. Kit de joints, joints

Les joints qui sont caractéristiques pour les différents kits sont indiqués par A, B, C ... Ces lettres réfèrent respectivement aux différentes versions des kits (A, B, C, etc.).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	B	O-ring	
KA 058004D	B		
SV 058004A	1	58.0 x 38.5 x 11.0 mm	
SV 058004B	1	68.0 x 45.0 x 13.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440 mm	
KD 058004B	1	Length: 450 mm	



Le kit joints [KP058004A](#) comprend e.a. les joints indiqués par une A. La même logique vaut pour les versions B, C, D, E. Afin de commander le bon kit de joints, il faut contrôler quels joints sont caractéristiques pour le moteur.

Si le moteur contient les joints suivants, le kit de joints [KP058004D](#) doit être commandé.



Ce tout s'applique aussi aux kits de joints ci-dessus.

Les différents joints de culasse [JC058004A](#), [JC058004B](#) et [JC058004D](#) sont respectivement indiqués par JCA, JCB et JCD.

Avec chaque kit, il est indiqué comme remarque si les joints d'étanchéité de vilebrequin (avant et arrière) et/ou les joints de queue de soupape sont présents.

Sinon, vous pouvez les commander séparément:

KA: joint de queue de soupape (par pièce)

SV: joint d'étanchéité de vilebrequin, avant

SA: joint d'étanchéité de vilebrequin, arrière

5. Pompes à huile, pompes à eau

Les différents kits de réparation (A, B, etc.) appartiennent aux pompes respectives (A, B, etc.).

Dans la colonne à droite, une photo de la pompe est toujours insérée.

Avec la pompe à eau, vous recevrez une photo de vue d'en haut et de dessous. La hauteur et la longueur de la pompe sont aussi mentionnées.



6. Bougies de préchauffage, bougies d'allumage

Les différences entre les bougies de préchauffage sont toujours indiquées.

P.ex. 10,5 V; M10; longueur totale: 89 mm

Tension: 10,5 V

Filetage: M 10

Longueur totale: 89 mm

Les différences entre les bougies d'allumage sont marquées par leur type.

P.ex. W14- EXU



Liste des pièces

Français

	Symb.	Description	Principe générale		Symb.	Description	Principe générale
PISTONS, CHEMISES ET ACCESSOIRES				COUSSINETS			
	PI	piston (avec ou sans axe)	par piston		HL	jeu de coussinets de paliers	kit moteurs
	PP	axe de piston	1 pièce		AL	jeu de coussinets latéraux	kit moteurs
	PC	baquet d'arrêt, axe de piston	1 pièce		BL	jeu de coussinets de bielle	par bielle
	SE	jeu de segments	par moteur		PB	bague, axe de piston	par bague
	PISE	piston (avec ou sans axe) + jeu de segments	par piston		NL	jeu de coussinets d'arbre à cames	kit moteurs
	CH	chemise	1 pièce	JOINTS			
	AS	ensemble de chemises (chemise, piston, segments)	par cylindre		KP	kit de joints complet	1 pièce
SOUPAPES ET PIÈCES LIÉES					BP	kit de joints supérieur	1 pièce
	IK	soupape d'admission	1 pièce		CP	kit de joints inférieur	1 pièce
	UK	soupape d'échappement	1 pièce		JC	joint de culasse	1 pièce
	KS	poussoir de soupape	1 pièce		DP	kit de joints de distribution	1 pièce
	IG	guide de soupape d'admission	1 pièce		KA	joint de queue de soupape	1 pièce
	UG	guide de soupape d'échappement	1 pièce		SV	joint d'étanchéité de vilebrequin, avant	1 pièce
	KG	guide de soupape d'admission/d'échappement	1 pièce		SA	joint d'étanchéité de vilebrequin, arrière	1 pièce

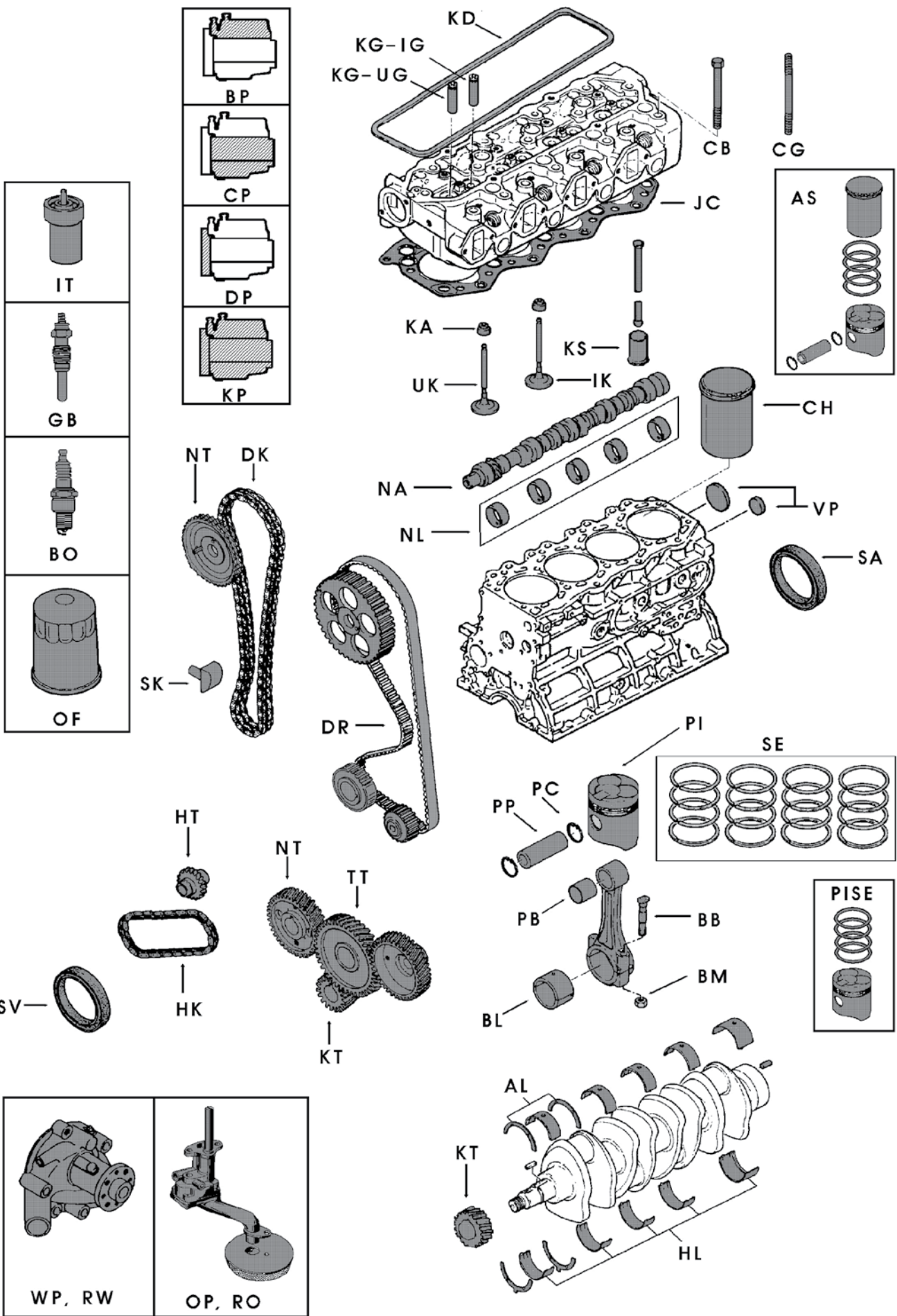
For any other engine part, please contact us !



Liste des pièces

Français

	Symb.	Description	Principe générale		Symb.	Description	Principe générale
	KD	joint de cache-soupape	1 pièce		KT	pignon de vilebrequin	1 pièce
VISSERIE					TT	pignon intermédiaire	1 pièce
	CB	boulon de culasse	1 pièce		HT	pignon d'entraînement de pompe hydraulique	1 pièce
	VP	jeu de pastilles de sablage	par moteur		DK	chaîne de distribution	1 pièce
	BB	boulon de bielle	1 pièce		SK	tendeur de chaîne	1 pièce
	BM	écrou de bielle	1 pièce		DR	courroie de distribution	1 pièce
	CG	goujon de culasse	1 pièce		HK	chaîne d'entraînement de pompe hydraulique	1 pièce
POMPES À EAU ET À HUILE					OK	chaîne d'entraînement de pompe à huile	1 pièce
	OP	pompe à huile	1 pièce	FILTRES, ALLUMAGE ET INJECTION			
	WP	pompe à eau	1 pièce		OF	filtre à huile	1 pièce
	RO	kit de réparation de pompe à huile	1 pièce		BO	bougie d'allumage	1 pièce
	RW	kit de réparation de pompe à eau	1 pièce		GB	bougie de préchauffage	1 pièce
PIÈCES DE DISTRIBUTION					IT	nez d'injecteur	1 pièce
	NA	arbre à cames	1 pièce				
	NT	pignon d'arbre à cames	1 pièce				



For any other engine part, please contact us !



Nederlands: Hoe kunt u deze catalogoog gebruiken

Motorgegevens:

Zoek eerst het juiste merk op in de catalogoog. De merken staan alfabetisch. Bovenaan elke pagina vindt u het merk en type, daaronder staan de specificaties en in welke merken de motor voorkomt. U vindt de lijst van de merken op pagina B t.e.m. F.

Merk en type van de motor

Specificaties: **benzine- of dieselmotor** · **aantal cilinders** · **boring**

In: **de merken waarin deze motor voorkomt**

Notaties:

Ieder motoronderdeel krijgt een notatie, om het opzoeken van de juiste referentie zo gemakkelijk mogelijk te maken.

Vb. 4 PI 058006 STD A
(5) (1) (2) (3) (4)

(1) = PI is de aanduiding van het motoronderdeel (zuiger).
U vindt deze aanduiding in de lijst op pagina 18 tot 20.

(2) = 058006 is ons intern nummer voor deze specifieke motor.

(3) = Indien er overmaten of ondermaten bestaan van bepaalde motoronderdelen (bv. van zuigers, lagers, enz.) dan worden deze hier genoteerd.

Vb. STD: Standaard

025: overmaat of ondermaat van 0,250 mm

0125: overmaat of ondermaat van 0,125 mm

0254: overmaat of ondermaat van 0,254 mm

(4) = Indien er meerdere uitvoeringen van een bepaald motoronderdeel bestaan, worden deze verschillende uitvoeringen aangeduid met A, B, C, enz. De onderscheidende kenmerken van die uitvoeringen worden in de kolom 'REMARKS' vermeld.

(5) = Het getal voor de aanduiding van het motoronderdeel, geeft aan uit hoeveel stukken de notatie bestaat.
Zo weet u hoeveel stukken u moet bestellen. Is er niets vermeld, dan geldt de standaardregel.
U vindt deze in de lijst op pagina 18-19.

Voorbeelden:**1) 4PI 058006STDA:**

In de onderdelenlijst op pg 18-19 vindt u dat PI de aanduiding is van de zuiger. In de laatste kolom vindt u de standaardregel, die aangeeft dat een zuiger altijd 'per zuiger' wordt geleverd. In dit voorbeeld duidt de '4' vooraan in de notatie er op dat deze zuigers altijd per 4 geleverd worden.

058006: is ons intern nummer van de TOYOTA motor 2J.

STD: duidt op de standaardmaat van de zuiger.

A: De motor 2J heeft verschillende uitvoeringen van zuigers. Deze zuiger (A) is één van die uitvoeringen.

Het nummer 4PI 058006STDA bestaat dus uit 4 standaardzuigers voor een TOYOTA motor 2J van het type A.

2) 1BL 057004025:

In de lijst vindt u dat BL een drijfstaanglagerset is. Volgens de regel gebeurt de levering per drijfstaang of twee halve lagers. De 1 vooraan in de notatie geeft aan dat het hier maar om 1 halve lager gaat.

057004: NISSAN J15

025: ondermaat 0,25 mm



Motoronderdelen:

1. Zuigers, zuigerringen, cilinderbus, cilinderbus kit

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 90.6 mm, without piston pin	
PP 134001	4		
PC 134001	8		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 54.0 mm	

Indien er verschillende uitvoeringen zijn van de zuigers dan worden hun nummers onder elkaar genoteerd. Ook de nummers van de verschillende zuigerringen worden onder elkaar genoteerd. Nu is het wel zo dat de uitvoering A van de zuigerringen bij de uitvoering A van de zuigers hoort. Dit is ook het geval met de cilinderbus-kits. Indien dit niet het geval is wordt dit steeds vermeld in de kolom "REMARKS".

2. Kleppen, klepstoters, klepgeleiders

Indien er verschillende kleppen bestaan van een bepaalde motor worden de verschillende afmetingen, klepgroeven of zittingshoeken genoteerd in de kolom "REMARKS".

3. Lagers

In de kolom "REMARKS" is steeds vermeld hoeveel maal het desbetreffend onderdeel aanwezig is per motor. Dit staat vermeld in de kolom Qty/eng. Bij het bestellen van lagers moet u aandachtig nagaan hoeveel lagers u nodig heeft en hoeveel lagers het nummer bevat. Daarbij mag u zeker geen rekening houden met de tekeningen in het bovenstaand kadertje. Dit zijn enkel voorstellingen van de lagers. In de kolom "STD shaft dia" is de standaard-asdiameter genoteerd.

4. Dichtingssets, dichtingen

De dichtingen die typisch zijn voor de verschillende sets worden aangeduid met A, B, C, etc. De aanduidingen (A, B, C, etc.) verwijzen respectievelijk naar de verschillende uitvoeringen van de sets (A, B, C, etc.).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	8	O-ring	
KA 058004D	8		
SV 058004A	1	58.0 x 38.5 x 11.0 mm	
SV 058004B	1	68.0 x 45.0 x 13.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440.0 mm	
KD 058004B	1	Length: 450.0 mm	



De dichtingsset [KP058004A](#) bevat o.a. de dichtingen aangeduid met een A. Zo ook voor de uitvoeringen B, C, D, E. Om de goede dichtingsset te bestellen moet men controleren welke dichtingen kenmerkend zijn voor de motor.

Indien de motor de volgende dichtingen bevat, dan moet men de dichtingsset [KP058004D](#) bestellen.



Dit alles geldt ook voor de bovenste dichtingssets.

De verschillende koppakkingen [JC058004A](#), [JC058004B](#) en [JC058004D](#) worden respectievelijk aangeduid met JCA, JCB en JCD.

Bij iedere dichtingsset wordt vermeld in de remarks of de oliekeerringen van de krukas (voor- en achteraan) en/of de klepafdichtingen aanwezig zijn.

Indien die dichtingen niet aanwezig zijn, kan men ze apart bijbestellen.

- KA: klepsteelafdichting (per stuk)
- SV: oliekeerring vooraan
- SA: oliekeerring achteraan

5. Oliepomp, waterpomp

Hier geldt ook dat de verschillende reparatiesets (A, B, etc.) bij de respectievelijke pompen (A, B, etc.) horen. In de rechterkolom wordt steeds een foto van de werkelijke pomp afgebeeld.

Bij de waterpomp krijgt u een foto van boven en onderaanzicht. De hoogte en de lengte van de pomp wordt ook telkens vermeld.



6. Gloeikaars, ontstekingskaars

De verschillen tussen de gloeikaarsen worden telkens vermeld.

Vb. 10,5 V; M10; totale lengte: 89 mm

- Spanning: 10,5 Volt
- Schroefdraad: M10
- Totale lengte: 89 mm

De verschillen tussen de ontstekingskaarsen worden aangeduid met het type.

Vb. W14-EXU



Onderdelenlijst

Nederlands

	Afk.	Beschrijving	Regel		Afk.	Beschrijving	Regel
ZUIGERS, CILINDERBUSSEN EN TOEBEHOREN				LAGERS			
	PI	zuiger (met of zonder pen)	per zuiger		HL	hoofdlagerset	motorset
	PP	zuigerpen	1 stuk		AL	axiaallagerset	motorset
	PC	borgring, zuigerpen	1 stuk		BL	drijfstanglagerset	per drijfstang
	SE	zuigerringset	per motor		PB	bus, zuigerpen	per bus
	PISE	zuiger (met of zonder pen) + zuigerringset	per zuiger		NL	nokkenaslagerset	motorset
	CH	cilinderbus	1 stuk	DICHTINGEN			
	AS	cilinderbuskit (cilinderbus, piston, segmenten)	per cilinder		KP	complete dichtingsset	1 stuk
KLEPPEN EN AANVERWANTE ONDERDELEN					BP	bovenste dichtingsset	1 stuk
	IK	inlaatklep	1 stuk		CP	onderste dichtingsset	1 stuk
	UK	uitlaatklep	1 stuk		JC	koppakking	1 stuk
	KS	klepstoter	1 stuk		DP	distributiedichtingsset	1 stuk
	IG	klepgeleider, inlaat	1 stuk		KA	klepsteelafdichting	1 stuk
	UG	klepgeleider, uitlaat	1 stuk		SV	oliekeerring krukas, vooraan	1 stuk
	KG	klepgeleider, inlaat/uitlaat	1 stuk		SA	oliekeerring krukas, achteraan	1 stuk

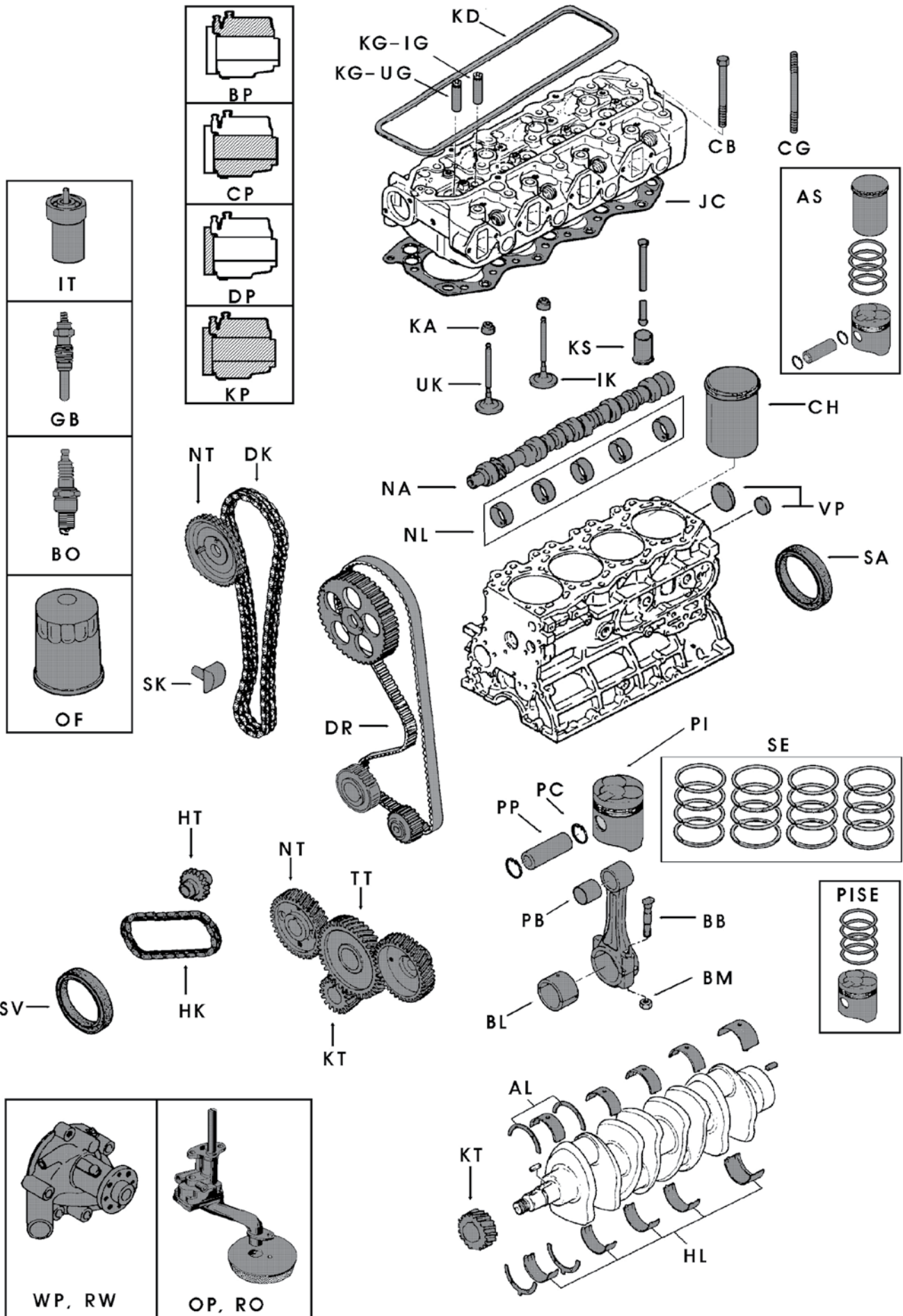
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Onderdelenlijst

Nederlands

	Afk.	Beschrijving	Regel		Afk.	Beschrijving	Regel
	KD	kleppendekseldichting	1 stuk		KT	tandwiel, krukas	1 stuk
HARDWARE					TT	tussentandwiel	1 stuk
	CB	bout, cilinderkop	1 stuk		HT	tandwiel, hydraulische pompaandrijving	1 stuk
	VP	set vriespluggen	per motor		DK	distributieketting	1 stuk
	BB	bout, drijfstang	1 stuk		SK	kettingspanner	1 stuk
	BM	moer, drijfstang	1 stuk		DR	distributieriem	1 stuk
	CG	draadeind, cilinderkop	1 stuk		HK	ketting, hydraulische pompaandrijving	1 stuk
WATER- EN OLIEPOMPEN					OK	ketting, oliepompaandrijving	1 stuk
	OP	oliepomp	1 stuk	FILTERS, ONTSTEKING EN INJECTIE			
	WP	waterpomp	1 stuk		OF	oliefilter	1 stuk
	RO	reparatieset, oliepomp	1 stuk		BO	ontstekingskaars	1 stuk
	RW	reparatieset, waterpomp	1 stuk		GB	gloeikaars	1 stuk
DISTRIBUTIEONDERDELEN					IT	injecteurtop	1 stuk
	NA	nokkenas	1 stuk				
	NT	tandwiel, nokkenas	1 stuk				



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DEUTSCH: GEBRAUCHSANWEISUNG

Motordaten:

Zunächst im Katalog die richtige Marke suchen. Die Marken sind in alphabetischer Reihenfolge angeordnet. Am Anfang jeder Seite finden Sie Marke und Typ darunter stehen die Spezifikationen und in welchen Marken der Motor verbaut ist. Die Liste der Marken finden Sie auf den Seiten B bis F.

Motortyp und Marke

Spezifikationen: **Benzin- oder Dieselmotor · Anzahl der Zylinder · Bohrung**

Marke: **die Marken in denen der Motor verbaut ist**

Bezeichnung/Schreibweise:

Jedes Motorersatzteil hat seine eigene Schreibweise um die Suche nach der benötigten Referenz zu erleichtern.

Beispiel 4 PI 058001 STD A
(5) (1) (2) (3) (4)

(1) = PI ist die Schreibweise des Motorersatzteils Kolben. Die Interpretation/Auslegung der Schreibweise finden Sie in den Listen von Seite 24 bis 26.

(2) = 058001 ist unsere interne Nummer für diesen speziellen Motor.

(3) = Übergrößen oder Untergrößen bestimmter Motorersatzteile wie Kolben, Lager, usw. werden sie hier notiert.

Beispiel STD = Standard

025: Übergröße oder Untergröße oder 0,250 mm

0125: Übergröße oder Untergröße oder 0,125 mm

0254: Übergröße oder Untergröße oder 0,254 mm

(4) = Wenn es mehrere Versionen eines Motorersatzteils gibt werden diese mit A, B, C usw. versehen. Die Eigenschaften der verschiedenen Ausführungen sind in der Spalte "REMARKS" ("Bemerkungen") aufgeführt.

(5) = Die Zahl vor der Indikation des Motorersatzteils gibt an aus wievielen Teilen diese Notation besteht. So wissen Sie wieviele Ersatzteile Sie bestellen müssen. Ist nichts hinterlegt dann gilt die Standardregel, die finden Sie auf der Seite 24-25.

Beispiele:**1) 4PI 058006STDA:**

In der Ersatzteilliste auf den Seiten 24-25 sehen Sie das PI die Bezeichnung für den Kolben ist. In den Regeln steht, dass der Kolben immer 'pro Kolben' verkauft wird. In diesem Beispiel bedeutet die 4 vor dem PI aber, dass dieser Kolben aus einer Einheit von 4 besteht. Also erhalten Sie in diesem Fall 4 Kolben.

058006: Das ist unsere interne Nummer für einen Toyota 2J Motor.

STD: Dieser Kolben hat das Standardmaß.

A: Der 2J Motor hat verschiedene Ausführungen des Kolbens. Der Kolben (A) ist einer dieser Ausführungen.

Zusammengefasst: Die Referenz [4PI058006STDA](#) besteht aus 4 Standardkolben für einen Toyota 2J Motor vom Typ A.

2) 1BL 057004025:

In der Liste steht BL steht für Pleuellager. In der Regel wird pro Pleuellager = 2 halbe Lager geliefert. Die 1 vor der Bezeichnung bedeutet, dass Sie nur 1 halbes Lager erhalten.

057004: Es handelt sich um ein NISSAN J15 Motor

025: 0,25 mm Untermaß



Motorersatzteile:

1. Kolben, Kolbenringe, Zylinderbuchsen, Zylinderbuchsenset

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 90.6 mm, without piston pin	
PP 134001	4		
PC 134001	B		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 54.0 mm	

Wenn mehrere Ausführungen des Kolben existieren, werden die Nummern nacheinander angegeben. Das gilt auch für Kolbenringe und Zylinderansätze. Bsp.: Kolbenringe mit der Kennzeichnung A gehören zum Kolben mit Kennzeichnung A. Das gilt auch für die Zylinderbuchsenansätze.

Ausnahmen werden immer in der Spalte "REMARKS" genannt.

2. Ventile, Ventilstößel, Ventilschaffführungen

Wenn es verschiedene Ausführungen der Ventile für einen Motor gibt, werden die unterschiedlichen Abmessungen wie zum Beispiel der Ventil-Nut oder Sitz des Ventilwinkels in der Spalte "Remarks" angegeben.

3. Lager

In der Spalte "REMARKS" wird immer angegeben wie oft das entsprechende Motorersatzteil in einem Motor enthalten ist. Die Anzahl ist in der Subspalte Qty/eng vermerkt. Bei der Bestellung eines Lagers muss sorgfältig überlegt werden, wieviele Lager Sie benötigen und wieviel Lager diese Artikelnummer beinhaltet. Man sollte sicher nicht die oben stehende Zeichnung berücksichtigen, da das nur Darstellungen der Lager sind. In der Spalte "STD shaft dia" wird der Standard Schaftdurchmesser angegeben.

4. Dichtsätze, Dichtungen

Die Dichtungen, die typisch für die verschiedenen Sätze sind, werden durch A, B, C usw. angezeigt. Die Bezeichnungen (A, B, C usw.) beziehen sich jeweils auf die verschiedenen Ausführungsformen der Sätze (A, B, C, etc.).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	B	O-ring	
KA 058004D	B		
SV 058004A	1	58.0 x 38.5 x 11.0 mm	
SV 058004B	1	68.0 x 45.0 x 13.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440 mm	
KD 058004B	1	Length: 450 mm	



Der Dichtsatz [KP058004A](#) enthält unter anderem die Dichtungen, die mit dem Buchstaben A gekennzeichnet sind. Ebenso wie die Ausführungsform für B, C, D, E. Um den richtigen Dichtsatz zu bestellen, muss geprüft werden welche Dichtungen charakteristisch (typisch) für den Motor sind.

Wenn der Motor die folgenden Dichtungen enthält, muss man den Dichtsatz [KP058004D](#) bestellen.



Das alles gilt auch für den oberen Dichtsatz. Die verschiedenen Zylinderkopfdichtungen [JC058004A](#), [JC058004B](#), [JC058004D](#) und werden mit JCA, JCB und JCD angedeutet.

Bei jedem Dichtsatz wird in den "Remarks" angegeben ob die Dichtungen der Kurbelwelle (vorne und hinten) und / oder die Ventilschaftdichtungen vorhanden sind.

Wenn die Dichtungen nicht vorhanden sind, können diese separat bestellt werden:

KA: Ventilschaftdichtung (pro Stück)

SV: Wellendichtring vorne

SA: Wellendichtring hinten

5. Ölpumpe, Wasserpumpe

Auch hier gilt, dass die verschiedenen Reparatursets (A, B, etc.) zu der jeweiligen Pumpe (A, B, usw.) gehören. In der rechten Spalte wird immer ein Bild von der tatsächlichen Pumpe dargestellt.

Bei der Wasserpumpe finden Sie ein Bild von oberen und unteren Seite zurück. Die Höhe und Länge der Pumpe wird auch jeweils gekennzeichnet.



6. Glühkerzen, Zündkerzen

Die Unterschiede der verschiedenen Glühkerzen wird immer angegeben.

Bsp.: 10,5 V; M10; Gesamtlänge: 89 mm

Spannung: 10,5 Volt

Gewinde: M 10

Gesamtlänge: 89 mm



















Die Unterschiede der Glühkerzen wird durch den jeweiligen Typ angedeutet.

Bsp.: W14 – EXU



Ersatzteilliste

Deutsch

























	Symb.	Umschreibung	Regel		Symb.	Umschreibung	Regel
KOLBEN, ZYLINDERLAUFBUCHSEN UND ZUBEHÖR				LAGER			
	PI	Kolben (mit oder ohne Bolzen)	pro Kolben		HL	Hauptlagersatz	Motorsatz
	PP	Kolbenbolzen	1 Stück		AL	Anlaufscheibensatz	Motorsatz
	PC	Kolbenbolzen-Sicherungsring	1 Stück		BL	Lager, Pleuelstange	pro Pleuel
	SE	Kolbenringsatz	Motorsatz		PB	Buchse, Kolbenbolzen	pro Buchse
	PISE	Kolben (mit oder ohne Bolzen) + Kolbenringsatz	pro Kolben		NL	Lagersatz, Nockenwelle	Motorsatz
	CH	Laufbuchse	1 Stück	DICHTUNGEN			
	AS	Laufbuchsensatz (Kolben, Kolbenringsatz, Laufbuchsen)	pro Zylinder		KP	Dichtsatz, komplett	1 Stück
VENTILE UND GLEICHARTIGE ERSATZTEILE					BP	Dichtsatz oben	1 Stück
	IK	Einlaßventil	1 Stück		CP	Dichtsatz unten	1 Stück
	UK	Auslaßventil	1 Stück		JC	Zylinderkopfdichtung	1 Stück
	KS	Ventilstößel	1 Stück		DP	Dichtsatz Verteiler	1 Stück
	IG	Ventilführung, Einlaßventil	1 Stück		KA	Ventilschaftabdichtung	1 Stück
	UG	Ventilführung, Auslaßventil	1 Stück		SV	Kurbelwellendichtring, vorne	1 Stück
	KG	Ventilführung, Einlaß/Auslaßventil	1 Stück		SA	Kurbelwellendichtring, hinten	1 Stück

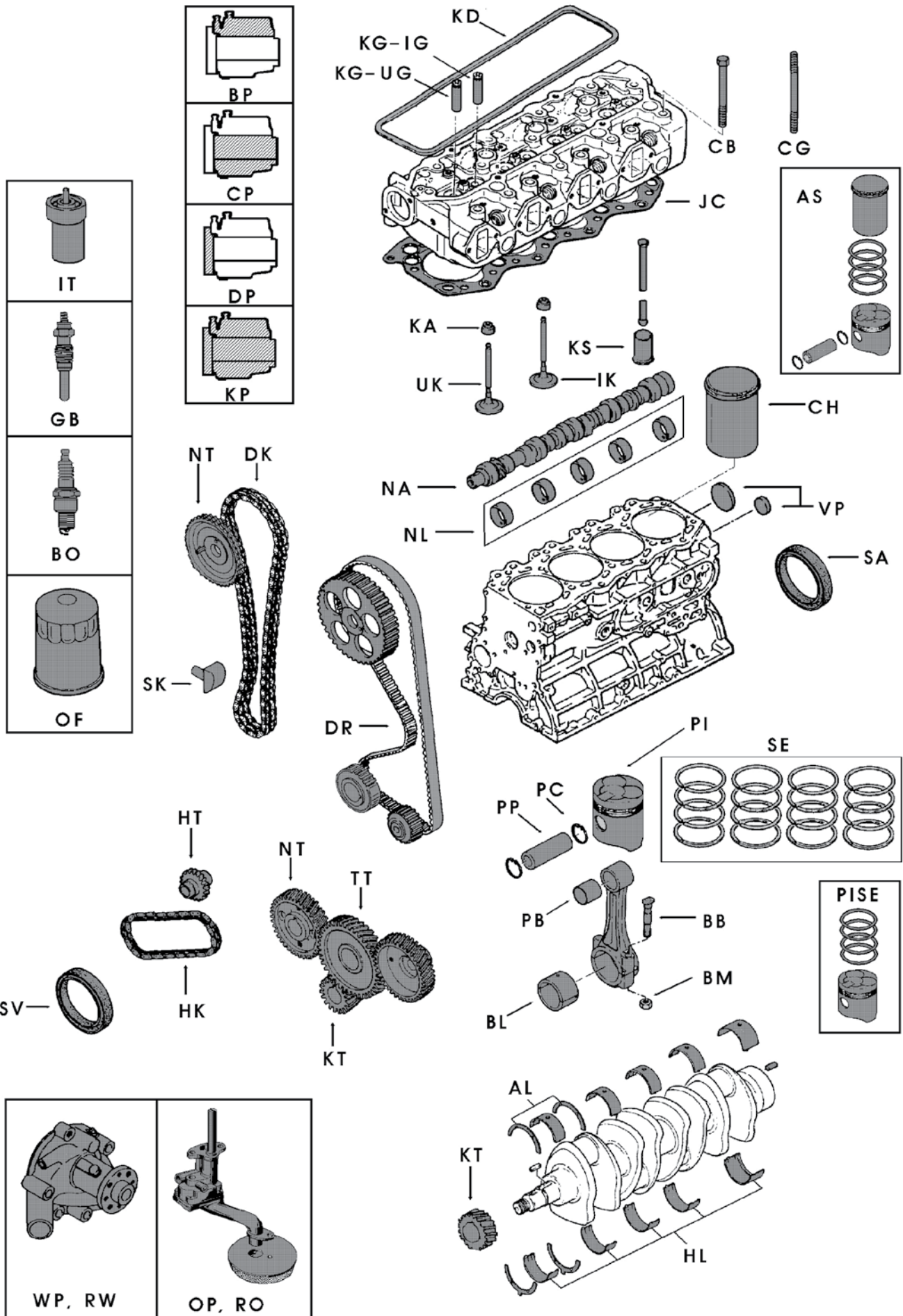
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Ersatzteilliste

Deutsch

	Symb.	Umschreibung	Regel		Symb.	Umschreibung	Regel
	KD	Ventildeckeldichtung	1 Stück		KT	Zahnrad, Kurbelwelle	1 Stück
EISENWAREN					TT	Zwischenzahnrad	1 Stück
	CB	Schraube, Zylinderkopf	1 Stück		HT	Zahnrad, Hydraulikpumpe	1 Stück
	VP	Satz Verschlussdeckel	Motorsatz		DK	Steuerkette	1 Stück
	BB	Schraube, Pleuelstange	1 Stück		SK	Kettenspanner	1 Stück
	BM	Mutter, Pleuelstange	1 Stück		DR	Steuerriemen	1 Stück
	CG	Stiftschraube, Zylinderkopf	1 Stück		HK	Antriebskette, Hydraulikpumpe	1 Stück
WASSER-UND ÖLPUMPEN					OK	Antriebskette, Ölpumpe	1 Stück
	OP	Ölpumpe	1 Stück	FILTER, ZÜNDUNG UND EINSPRITZUNG			
	WP	Wasserpumpe	1 Stück		OF	Ölfilter	1 Stück
	RO	Reparatursatz, Ölpumpe	1 Stück		BO	Zündkerze	1 Stück
	RW	Reparatursatz, Wasserpumpe	1 Stück		GB	Glühkerze	1 Stück
ERSATZTEILE MOTORSTEUERUNG					IT	Einspritzdüse	1 Stück
	NA	Nockenwelle	1 Stück				
	NT	Zahnrad, Nockenwelle	1 Stück				



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ESPAÑOL: MANUAL DE USUARIO

Datos del motor:

Busque primero la marca en el catálogo. Están ordenadas alfabéticamente. En la parte superior de cada página encontrará la marca y el modelo, abajo aparecen las especificaciones y en qué marcas de equipamiento se monta cada motor. Puede encontrar la lista de las marcas de las páginas B a la F.

Marca y modelo del motor

Especificaciones: **gasolina o diesel** · **número de cilindros** · **agujero**

En: **las marcas que montan este motor**

Anotaciones:

Todos los recambios del motor reciben una referencia. El objetivo es que la búsqueda de la referencia correcta sea lo más fácil posible.

Ejemplo. 4 PI 058006 STD A
(5) (1) (2) (3) (4)

(1) = PI es la abreviatura que hace referencia a la pieza del motor (en este caso 'pistón'). Encontrará la designación en la lista de las páginas 30 a la 32.

(2) = 058006 es nuestro número interno para este modelo de motor específico.

(3) = Si existen sobremedidas o bajomedidas de determinadas piezas del motor (por ejemplo, de pistones, casquillos, etc.) serán indicadas aquí.

Ejemplos:

STD: estandar

025: sobremedida o bajomedida de 0,250 mm

0125: sobremedida o bajomedida de 0,125 mm

0254: sobremedida o bajomedida de 0,254 mm

(4) = Si existen diversas versiones de una pieza del motor, estas versiones se indican con A, B, C, etc. Las características que diferencian a las diversas versiones se muestran en la columna 'REMARKS'.

(5) = La cantidad al lado de la referencia de cada recambio del motor le indica cuantas unidades monta el motor. De este modo sabrá cuántas unidades debe pedir. Si no se menciona nada, se aplicará la regla predeterminada. Puede encontrar esta regla en la lista de las páginas 30-31.

Ejemplos:**1) 4PI 058006STDA:**

En la lista de recambios de las pag. 30-31 encontrará que PI significa pistón. En la última columna se muestra la regla por defecto que indica que un pistón siempre se suministra "por pistón". En este ejemplo, el 4 en la parte delantera de la referencia indica que esta referencia contiene 4 unidades de pistón.

058006: el número interno correspondiente al motor TOYOTA 2J.

STD: indica que se trata del pistón con medida estándar.

A: El motor 2J tiene varias versiones de pistones. Este pistón (A) es una de las versiones.

La referencia 4PI 058006STDA se compone de 4 pistones estándar para el motor TOYOTA 2J de la versión A.

2) 1BL 057004025:

En la lista verá que las iniciales BL se refieren a los casquillos de biela. Según la norma general, la referencia contiene dos medios casquillos para una biela. El 1 que aparece al principio de la referencia indica que se trata de 1 medio casquillo.

057004: NISSAN J15

025: bajomedida de 0,25 mm



Recambios del motor:

1. Pistones, segmentos, camisas, kit de camisas

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 95.6 mm, without piston pin	
PP 134001	4		
PC 134001	B		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 54.0 mm	

Si hay diversas versiones de pistones, se muestran sus referencias una tras otra. También se muestran las diferentes referencias de los segmentos una tras otra.

De todos modos, como regla general la versión A de los segmentos se corresponde con la versión A de los pistones. Si no fuera así el caso se indicará en la columna "REMARKS".

2. Válvulas, taques, guías de válvulas

Si existen varias versiones de válvulas de un motor concreto, se muestran las diferentes medidas, ranuras de válvula o asientos en la columna "REMARKS".

3. Casquillos

En la columna "OBSERVACIONES" siempre se menciona el número de unidades que el motor monta de esa referencia. Esto se ve en la columna del medio Qty/eng. Al pedir casquillos, se debe prestar atención a cuántos casquillos usted necesita y cuántos casquillos contiene 1 unidad de la referencia. Para ello, NO debe tener en cuenta los dibujos en el cuadro superior. Son sólo una representación general de rodamientos. En la columna "shaft dia STD." se indica el diámetro estándar del eje.

4. Juegos de juntas, retenes

Cuando existen varias versiones de kits de juntas para un motor, se mostrarán con diversas letras A, B, C, etc. Las anotaciones (A, B, C, etc.) hacen referencia respectivamente a las diversas versiones de los kits (A, B, C, etc.).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	B	O-ring	
KA 058004D	B		
SV 058004A	1	58.0 x 38.5 x 11.0 mm	
SV 058004B	1	68.0 x 45.0 x 13.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440.0 mm	
KD 058004B	1	Length: 450.0 mm	



El juego de juntas [KP058004A](#) contiene entre otras, las juntas indicadas en A. Así ocurre para las versiones B, C, D, E. Para hacer el pedido del juego de juntas correcto debe controlar que tipo de juntas que aparecen en lado derecho son las que monta su motor.

Si el motor contiene una de las versiones siguientes de juntas, entonces deberá realizar un pedido del kit de juntas KP058004D.



Todo esto es válido para los juegos de juntas superiores.

Las diferentes juntas de culata [JC058004A](#), [JC058004B](#) y [JC058004D](#) se indican respectivamente como JCA, JCB y JCD.

Para todo juego de juntas se menciona en la columna 'Remarks' si los retenes de aceite del cigüeñal (delantero y trasero) y/o los retenes de válvula están presentes en el kit.

Si las juntas no están incluidas en el kit, puede pedirse aparte.

KA: retén de válvula (por unidad)

SV: retenes de aceite del cigüeñal delantero

SA: retenes de aceite del cigüeñal trasero

5. Bomba de aceite, bomba de agua

Aquí también se cumple que los diversos kits de reparación (A, B, etc.) pertenecen respectivamente a las bombas (A, B, etc.). En la columna derecha se muestra siempre un dibujo de la bomba real.

Junto con la bomba de agua, recibirá una foto de vista desde arriba y desde abajo. Se menciona también siempre la altura y la longitud de la bomba.



6. Bujías, calentadores

Las diferencias entre los calentadores se muestran en todo caso.

Ej. 10,5 V; M10; longitud total: 89 mm

Voltaje: 10,5 Voltios

Rosca: M10

Longitud total: 89 mm

Las diferencias entre las bujías se indican a través del tipo.

Ej. W14-EXU



Lista de recambios

Español

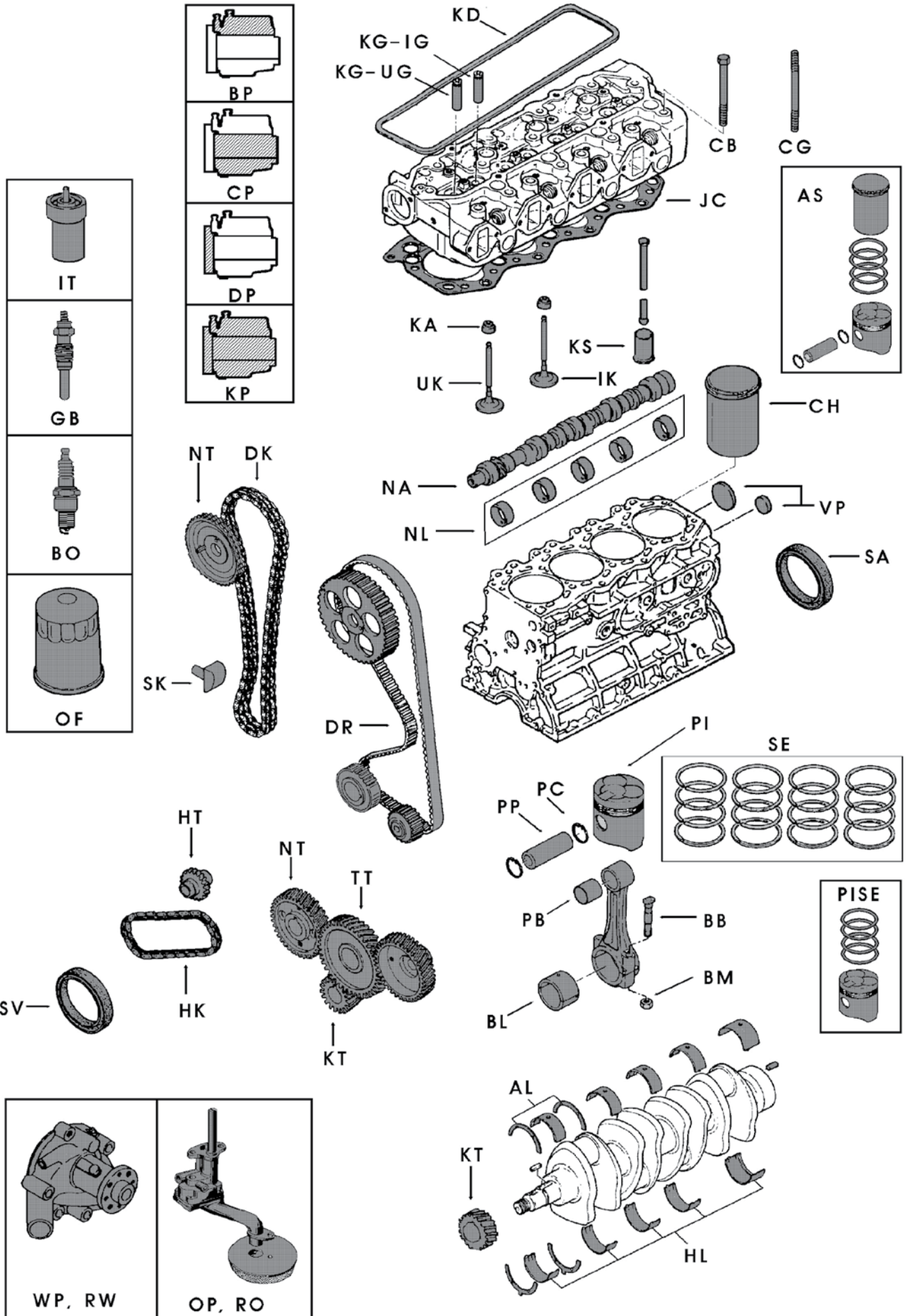
	Simb.	Descripcion	Principio		Simb.	Descripcion	Principio
PISTONES, CAMISAS Y ACCESORIOS				CASQUILLOS			
	PI	pistón (con o sin pasador)	para 1 pistón		HL	juego de cojinetes de bancada	para 1 motor
	PP	pasador del pistón	1 pieza		AL	juego de casquillos axiales	para 1 motor
	PC	anillo de cierre, pasador del pistón	1 pieza		BL	juego de casquillos de biela	por biela
	SE	segmentos	para 1 motor		PB	casquillo, pie de biela	1 pieza
	PISE	pistón (con o sin pasador) + segmentos	para 1 pistón		NL	juego de cojinetes del árbol de levas	para 1 motor
	CH	camisa	1 pieza	JUNTAS			
	AS	juego camisa, pistón y segmentos	por cilindro		KP	juego de juntas completo del motor	1 pieza
VÁLVULAS Y COMPONENTES RELACIONADOS					BP	juego de juntas superior o de descarbonización	1 pieza
	IK	válvula de admisión	1 pieza		CP	juego de juntas inferior	1 pieza
	UK	válvula de escape	1 pieza		JC	junta de culata	1 pieza
	KS	taqué	1 pieza		DP	juego de juntas del distribuidor	1 pieza
	IG	guía válvula de admisión	1 pieza		KA	retén de válvula	1 pieza
	UG	guía válvula de escape	1 pieza		SV	retén cigüeñal, delantero	1 pieza
	KG	guía válvula, admisión/escape	1 pieza		SA	retén cigüeñal, trasero	1 pieza



Lista de recambios

Español

	Simb.	Descripción	Principio		Simb.	Descripción	Principio
	KD	junta de tapa de válvulas	1 pieza		KT	rueda dentada, cigüeñal	1 pieza
TORNILLERÍA					TT	rueda dentada intermedia	1 pieza
	CB	bulón, culata	1 pieza		HT	rueda dentada, bomba hidráulica	1 pieza
	VP	juego de pastillas de expansión	para 1 motor		DK	cadena de distribución	1 pieza
	BB	bulón, biela	1 pieza		SK	tensor de cadena	1 pieza
	BM	tuerca, biela	1 pieza		DR	correa de distribución	1 pieza
	CG	espárrago, culata	1 pieza		HK	cadena, bomba hidráulica	1 pieza
BOMBAS DE AGUA Y ACEITE					OK	cadena, bomba de aceite	1 pieza
	OP	bomba de aceite	1 pieza	FILTROS, IGNICIÓN, E INYECCIÓN			
	WP	bomba de agua	1 pieza		OF	filtro de aceite	1 pieza
	RO	juego de reparación, bomba de aceite	1 pieza		BO	bujía	1 pieza
	RW	juego de reparación, bomba de agua	1 pieza		GB	calentador	1 pieza
COMPONENTES DE DISTRIBUCIÓN					IT	boquilla de inyector	1 pieza
	NA	árbol de levas	1 pieza				
	NT	rueda dentada, árbol de levas	1 pieza				



For any other engine part, please contact us !



ITALIANO: AVVERTENZE PER LA CORRETTA CONSULTAZIONE DEL CATALOGO RICAMBI MOTORE

Motore:

Cerchi prima la marca corretta nel catalogo. Le marche sono in ordine alfabetico. All'inizio di ogni pagina troverà marca e tipo e le specifiche tecniche e in quali marchi il motore viene utilizzato. Può trovare la lista delle marche da pagina B fino a F compresa.

Marca e tipo del motore	
Specifiche:	Benzina o gasolio · Nr. di cilindri · Diametro pistoni
Montato su:	le marche per le quali il motore viene utilizzato

Indicativi:

Ogni ricambio motore riceve un nota, per semplificare al massimo la ricerca del ricambio corretto.

Per esempio:

4 PI 058006 STD A
(5) (1) (2) (3) (4)

(1) = PI è l'indicativo per il ricambio motore (=pistone). Troverà queste note nella lista da pagina 36 a 38.

(2) = 058006 è in nostro numero interno che indica questo motore specifico.

(3) = Se ci sono misure maggiorate o minorate di alcuni ricambi, come per esempio nel caso dei pistoni, le bronzine biella/ banco, vengono indicate in questa rubrica.

Esempio:

STD: Standard

025: minorato/maggiorato di 0,250 mm

0125: minorato/maggiorato di 0,125 mm

0254: minorato/maggiorato di 0,254 mm

(4) = Se ci sono diverse possibilità per un certo ricambio, queste possibilità vengono suddivise in A,B,C,D ecc. Le caratteristiche vengono spiegate nella colonna "REMARKS".

(5) = Il numero per indicare il ricambio motore, specifica quanti sono i pezzi da ordinare. Se non specificato vale la regola di default. Questa si può ritrovare nella lista a pagina 36-37.

Esempi:**1) 4PI 058006STDA:**

Nell'elenco ricambi a pagina 36-37 troverà che PI è la sigla che indica il pistone. L'ultima colonna fa riferimento alla regola di default, che indica che un pistone è sempre venduto 'per pistone'. In questo esempio il 4 nella parte anteriore della nota indica che questi pistoni sono sempre forniti per 4.

058006: numero interno per il motore TOYOTA 2J.

STD: standard/normale.

A: diverse possibilità, in questo caso tipo A..

Con la referenza 4PI 058006STDA intendiamo dunque 4 pistoni standard per un motore TOYOTA 2J.

2) 1BL 057004025:

Nella lista troverà che BL indica un set boccole biella. Secondo la regola, viene fornita una boccola completa o due semigusci. Il numero 1 davanti indica che si tratta di 1 semiguscio.

Il numero 1 significa che sta per 1 semi-bronzina.

057004: numero interno per il motor NISSAN J15

025: minorato/maggiorato 0,25 mm



Ricambi motore:

1. Pistoni, segmenti, canne e kit completi

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 90.6 mm, without piston pin	
PP 134001	4		
PC 134001	B		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 54.0 mm	

Se ci sono diverse possibilità, le ritroverete nella tabella qui sotto.

Esempio: PI 134001 STDA (= pistoni)

Questi pistoni vanno insieme con i segmenti 1 SE 134001 STDA e con le canne CH 134001.

Il kit completo (pistoni, segmenti e canne) ha dunque come referenza: 4 AS 134001A

2. Valvole, punteria valvola, guidevalvola

Se ci sono diverse possibilità per le valvole aspirazione e scarico, le ritroverete nella colonna "remarks".

3. Cuscinetti

Nella colonna "REMARKS" viene sempre menzionato quante volte il componente corrispondente è presente in un motore. Questo è indicato nella colonna Qty/eng. Quando si ordinano i cuscinetti, è necessario considerare con attenzione la quantità necessaria e quanti cuscinetti sono consegnati con quel codice. Si deve certamente NON tener conto dei disegni nella casella di testo sopra. Questi sono solo rappresentazioni dei cuscinetti. Nella colonna "diam STD albero" è segnato il diametro standard dell'albero citato.

4. Kit guarnizioni, guarnizioni

Le guarnizioni che sono tipiche dei diversi kits vengono indicate con A, B, C, ecc. L'annotazione (A, B, C, ecc.) si rifà alle rispettive differenti esecuzioni dei sets (A, B, C, ecc.).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	B	O-ring	
KA 058004D	B		
SV 058004A	1	58.0 x 58.5 x 11.0 mm	
SV 058004B	1	68.0 x 45.0 x 13.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440 mm	
KD 058004B	1	Length: 490 mm	



Il kit guarnizioni [KP058004A](#) comprende tra l'altro le guarnizioni indicate con una A. Così vale anche per le esecuzioni B, C, D, E. Per ordinare il kit guarnizioni corretto si deve controllare quali guarnizioni sono necessarie per quel motore.

Se il motore contiene le seguenti guarnizioni, allora bisogna ordinare il kit KP058004D.



Tutto questo vale anche per i kit guarnizioni sopra riportati.

Le diverse guarnizioni della testata [JC058004A](#), [JC058004B](#) e [JC058004D](#) vengono rispettivamente indicate con JCA, JCB e JCD.

Per ogni kit di guarnizioni viene indicato nei remarks se i paraoli dell'albero motore (anteriore e posteriore) e le guarnizioni delle valvole sono o meno compresi nel kit.

Se le guarnizioni non sono comprese, devono essere acquistate separatamente.

KA: guarnizioni stelo valvole (per pezzo)

SV: paraolio albero motore anteriore

SA: paraolio albero motore posteriore

5. Pompa olio, pompa acqua

Anche in questo caso ci sono differenti set di riparazione (A, B, ecc.) in base alle differenti pompe (A, B, ecc.). Nella colonna di destra viene sempre riportata una foto della pompa in questione.

Con la pompa acqua viene mostrata una foto della vista inferiore e superiore. L'altezza e la lunghezza della pompa vengono sempre menzionate.



6. Candele d'accensione, candele preriscaldamento

Le differenze tra le candele preriscaldamento vengono sempre indicate

Esempio: 10,5 V; M10; lunghezza totale: 89 mm

tensione: 10,5 Volt

filetto: M 10

lunghezza totale: 89 mm

Le differenze tra le candele d'accensione sono indicate con il modello di candele.

Esempio: W14- EXU



Lista dei ricambi

Italiano

	Simb.	Descrizione	Regola		Simb.	Descrizione	Regola
PISTONI, CAMICIE E ACCESSORI				CUSCINETTI			
	PI	pistone (con o senza perni)	per 1 pistone		HL	serie di bronzine di banco	per 1 motore
	PP	pistone-perno	1 pezzo		AL	spallamenti	per 1 motore
	PC	anello ritegno pistone-perno	1 pezzo		BL	bronzine biella	della biella
	SE	segmenti	per 1 motore		PB	boccola, pistone-perno	per 1 boccola
	PISE	pistone (con o senza perni) + segmenti	per 1 pistone		NL	bronzine albero a camme	per 1 motore
	CH	camicia/canna	1 pezzo	GUARNIZIONI			
	AS	pistoni + canne + segmenti	per cilindro		KP	kit guarnizioni motore complete	1 pezzo
VALVOLE E RICAMBI EQUIVALENTI					BP	kit smeriglio	1 pezzo
	IK	valvola aspirazione	1 pezzo		CP	kit guarnizioni motore parte bassa	1 pezzo
	UK	valvola scarico	1 pezzo		JC	guarnizione testata	1 pezzo
	KS	punteria, valvola	1 pezzo		DP	kit guarnizioni distribuzione	1 pezzo
	IG	guida valvola aspirazione	1 pezzo		KA	tenuta di valvola	1 pezzo
	UG	guida valvola scarico	1 pezzo		SV	paraolio albero motore, anteriore	1 pezzo
	KG	punteria valvola	1 pezzo		SA	paraolio albero motore, posteriore	1 pezzo

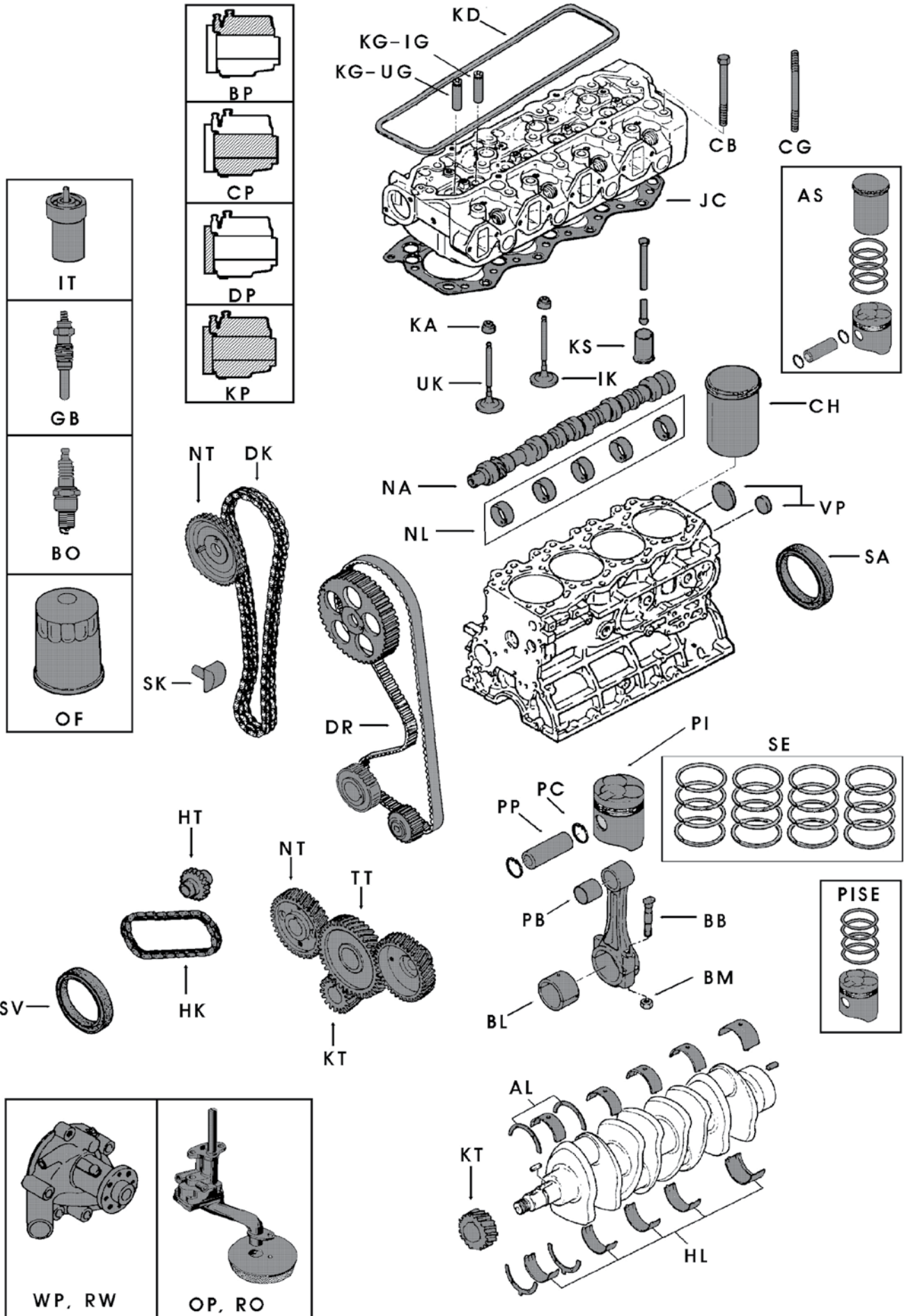
For any other engine part, please contact us !



Lista dei ricambi

Italiano

	Simb.	Descrizione	Regola		Simb.	Descrizione	Regola
	KD	guarnizione coperchio punterie valvole	1 pezzo		KT	ingranaggio, albero motore	1 pezzo
MINUTERIA					TT	ingranaggio	1 pezzo
	CB	bullone (testata)	1 pezzo		HT	ingranaggio (comando pompa idraulica)	1 pezzo
	VP	tappi espansione motore	per 1 motore		DK	catena di distribuzione	1 pezzo
	BB	bullone, biella	1 pezzo		SK	tendicattena	1 pezzo
	BM	dado, biella	1 pezzo		DR	cinghia distribuzione	1 pezzo
	CG	colonnina (testata)	1 pezzo		HK	catena, pompa idraulica	1 pezzo
POMPE ACQUA E OLIO					OK	catena, pompa olio	1 pezzo
	OP	pompa olio	1 pezzo	FILTRI, ACCENSIONE E INIEZIONE			
	WP	pompa acqua	1 pezzo		OF	filtro olio	1 pezzo
	RO	kit riparazione pompa olio	1 pezzo		BO	candela	1 pezzo
	RW	kit riparazione pompa acqua	1 pezzo		GB	candelette	1 pezzo
RICAMBI DISTRIBUZIONE					IT	spruzzatore	1 pezzo
	NA	albero a camme	1 pezzo				
	NT	ingranaggio, albero a camme	1 pezzo				



For any other engine part, please contact us !



PORTUGUÊS: MANUAL DE INSTRUÇÕES

Dados do motor:

Procure primeira marca no catálogo. Estão em ordem alfabética. Na parte superior de cada página, encontrará a marca e modelo, abaixo aparecem as especificações e em que marcas de máquinas cada motor é montado. A lista das marcas estão nas páginas de B a F.

Marca e modelo do motor

Especificações: **motor à gasolina ou à diesel · quantidade de cilindros · furação**

Em: **as marcas que montam este motor**

Notas:

Todas as peças de motor tem uma referência. O objetivo é que a busca da referência correta seja a mais simples possível.

Ex. 4 PI 058006 STD A
(5) (1) (2) (3) (4)

- (1) = PI é a designação da peça do motor (pistão).
Encontrará a designação na lista das páginas de 42 a 44.
- (2) = 058006 é o nosso número interno para este específico modelo de motor.
- (3) = Se existem sobre medidas ou sub medidas para certas peças do motor (ex. pistões, rolamentos, etc.) elas serão listadas aqui.
- Ex. STD: Padrão
025: sobre medida ou sub medida de 0,250 mm
0125: sobre medida ou sub medida de 0,125 mm
0254: sobre medida ou sub medida de 0,254 mm
- (4) = Se existirem várias versões de uma determinada peça do motor, elas são indicadas com A, B, C, etc. As características distintivas destas versões são mencionadas na coluna "OBSERVAÇÕES".
- (5) = A quantidade ao lado da referência de cada peça de motor indica quantas unidades monta o motor. Deste modo saberá quantas unidades deve pedir. Se não menciona nada, se aplicará a regra determinada. Pode encontrar esta regra na lista das páginas 42-43.

Exemplos:

1) 4PI 058006STDA:

Na lista de peças da pág 42-43 encontrará que a sigla PI significa pistão. Na última coluna, é mostrado a regra padrão que indica que um pistão sempre se vende " por pistão". Neste exemplo, o 4 na parte da frente da referência indica que esta referência contém 4 unidades de pistão.

058006: este é o nosso número interno para motor TOYOTA 2J.

STD: indica a medida padrão do pistão.

A: Para o motor 2J existem várias versões dos pistões. Este pistão (A) é uma das versões.

O número 4PI 058006STDA é composto por 4 pistões padrão para um motor TOYOTA 2J do tipo A.

2) 1BL 057004025:

Na lista verá que as siglas BL se referem a casquilhos de biela. Segundo a norma geral, a referência contém dois casquilhos médios para uma biela. O 1 que aparece no início da referência indica que se trata de 1 casquilho médio.

057004: NISSAN J15

025: sub medida 0,25 mm



Peças de motor:

1. Pistões, segmentos, camisas, jogo de camisas

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 90.6 mm, without piston pin	
PP 134001	4		
PC 134001	B		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 54.0 mm	

Se existirem várias versões para os pistões os seus números serão marcados um de baixo do outro. Os números das várias versões dos segmentos também serão marcados um de baixo do outro. Ora é certo que a versão A dos segmentos pertence a versão A dos pistões. Isto também é válido para os jogos de camisas. Se este não for o caso, estará marcado na coluna "OBSERVAÇÕES".

2. Válvulas, tuxe e guias das válvulas

Se existirem várias válvulas para um certo motor, as diferenças de medidas, estrias ou ângulos serão listados na coluna "OBSERVAÇÕES".

3. Rolamentos

Na coluna "Observações" sempre é mencionado o número de unidades presentes no motor. Isto se vê na coluna do meio Qty/eng. Ao pedir casquilhos, deve-se prestar atenção na quantidade de casquilhos que você necessita e quantos casquilhos contém em 1 referência. Para isto, não se deve levar em consideração os desenhos no quadro superior. São meramente uma representação geral de rolamentos.

4. Jogos de juntas, juntas

As juntas que são típicas para os diferentes jogos estão indicadas com A, B, C, etc. As indicações (A, B, C, etc.) referem-se respectivamente as várias versões dos jogos (A, B, C, etc.).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	B	O-ring	
KA 058004D	B		
SV 058004A	1	58.0 x 38.5 x 11.0 mm	
SV 058004B	1	68.0 x 45.0 x 13.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440 mm	
KD 058004B	1	Length: 450 mm	



O jogo de juntas [KP058004A](#) contém, ente outros, as juntas indicadas com um A. Isto também vale para as versões B, C, D, E. Para encomendar o jogo de juntas correto deve verificar quais juntas correspondem ao motor.

Se motor gastar as juntas seguintes, deve então encomendar o jogo KP058004D.



Isto tudo também é válido para os jogos de juntas de descarbonização.

A diferentes juntas da cabeça [JC058004A](#), [JC058004B](#) e [JC058004D](#) são respectivamente indicadas com JCA, JCB en JCD.

Para cada jogo de juntas está indicado nas observações se os retentores da cambota (frente e trás) e os vedantes das válvulas estão incluídos.

Se os vedantes não está incluídos, pode encomendá-los separadamente.

- KA: vedante da válvula (por peça)
- SV: retentor da cambota da frente
- SA: retentor da cambota de trás

5. Bomba de óleo, bomba de água

Aqui também é válido que os diferentes jogos de reparação (A, B, etc.) correspondem respectivamente as bombas (A, B, etc.). Na coluna da direita sempre aparece uma imagem real da bomba.

Recebe com a bomba de água uma foto com uma imagem da vista superior e inferior. A altura e o comprimento da bomba é também sempre são mencionados.



6. Velas incandescentes e velas de ignição

As diferenças entre as velas incandescentes estão sempre indicadas.

Ex. 10,5 V; M10; comprimento total: 89 mm

- Tensão: 10,5 Volt
- Rosca: M10
- Comprimento total: 89 mm

As diferenças entre as velas de ignição estão indicadas com o tipo.

Ex. W14-EXU



Lista de peças

Português

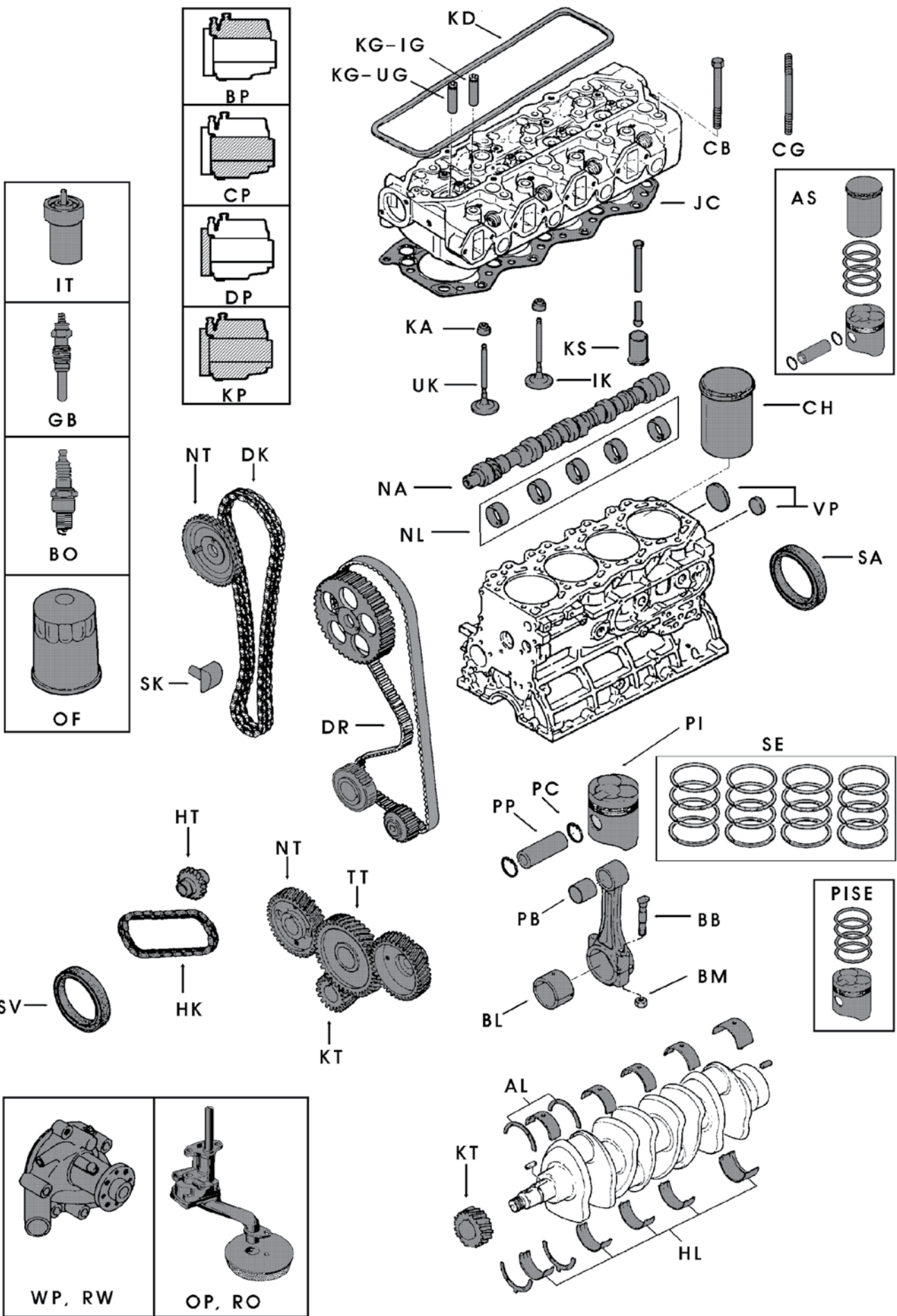
	Símb.	Descrição	Regra		Símb.	Descrição	Regra
PISTÕES, CASQUILHOS DE CILINDROS E ACESSÓRIOS				ROLAMENTOS			
	PI	pistão (com ou sem cavilhão)	por pistão		HL	bronze de apoio da cambota	kit do motor
	PP	cavilha do pistão	1 peça		AL	anilha de afinação da cambota	kit do motor
	PC	anel de retenção, cavilha do pistão	1 peça		BL	bronze de biela	por biela
	SE	kit de segmentos	jogo do motor		PB	casquilho do pé da biela	1 peça
	PISE	pistão (com ou sem cavilhão) + kit de segmentos	por pistão		NL	casquilhos da árvore de cames	kit do motor
	CH	camisa do motor	1 peça	JUNTAS			
	AS	conjunto de camisa (pistão, segmentos, camisa)	por cilindro		KP	jogo de juntas completo do motor	1 peça
VÁLVULAS E PARTES APARENTADAS					BP	jogo de juntas de descarbonização	1 peça
	IK	válvula de amissão	1 peça		CP	jogo inferior	1 peça
	UK	válvula de escape	1 peça		JC	junta da culaça	1 peça
	KS	válvula	1 peça		DP	jogo de juntas do distribuidor	1 peça
	IG	guia, válvula de admissão	1 peça		KA	junta da válvula	1 peça
	UG	guia, válvula de escape	1 peça		SV	retentor da cambota da frente	1 peça
	KG	guia, válvula de amissão/escape	1 peça		SA	retentor da cambota de trás	1 peça



Lista de peças

Português

	Símb.	Descrição	Regra		Símb.	Descrição	Regra
	KD	junta da tampa das válvulas	1 peça		KT	carreto, árvore de cames	1 peça
HARDWARE					TT	carreto intermediário	1 peça
	CB	parafuso da cabeça do motor	1 peça		HT	carreto, hidráulico, bomba de tração	1 peça
	VP	kit relés do motor	kit do motor		DK	corrente da distribuição	1 peça
	BB	parafuso, biela	1 peça		SK	corrente da distribuição	1 peça
	BM	porca, biela	1 peça		DR	tensor da corrente	1 peça
	CG	bujão, cabeça do motor	1 peça		HK	corrente, hidráulico, bomba de tração	1 peça
BOMBAS DE ÁGUA E ÓLEO					OK	corrente, bomba de tração	1 peça
	OP	bomba de óleo	1 peça	FILTROS, IGNIÇÃO E INJEÇÃO			
	WP	bomba de água	1 peça		OF	filtro de óleo	1 peça
	RO	kit de reparação, bomba de óleo	1 peça		BO	vela de ignição	1 peça
	RW	kit de reparação, bomba de água	1 peça		GB	vela incandescentes	1 peça
PARTES DA DISTRIBUIÇÃO					IT	bico injetor	1 peça
	NA	árvore de cames	1 peça				
	NT	carreto, árvore de cames	1 peça				



For any other engine part, please contact us !



POLSKI: INSTRUKCJA

Dane silnika:

Znajdź właściwą markę w katalogu. Marki ustawione są w porządku alfabetycznym. Na górze każdej strony znajdziesz markę i typ silnika, poniżej dane techniczne oraz informacje w jakiej marce maszyn dany silnik występuje. Listę marek znajdziesz na str. B-F.

Marka i typ silnika

Opis: **rodzaj paliwa** · **ilość cylindrów** · **średnica cylindra**

Stosowany w: **marki w których występuje ten silnik**

Opisy:

W celu ułatwienia wyszukiwania części, każdy element posiada specyficzny kod.

Np. 4 PI 058006 STD A
(5) (1) (2) (3) (4)

- (1) = PI jest skrótem nazwy części. W tym przypadku jest to tłok.
Opis kodów części znajdziesz na str. 48-50.
- (2) = 058006 jest naszym wewnętrznym numerem dla tego specyficznego silnika.
- (3) = Jeżeli występują części w nadwymiarze lub podwymiarze (np. tłoki, panewki, itd.) zostały one oznaczone w następujący sposób.
- STD: Standard
025: nadwymiar lub podwymiar 0,250 mm
0125: nadwymiar lub podwymiar 0,125 mm
0254: nadwymiar lub podwymiar 0,254 mm
- (4) = Jeżeli występują części w różnych wersjach zostały one oznaczone w następujący sposób: A, B, C, itp. Różnice poszczególnych wersji zostały podane w kolumnie 'UWAGI'.
- (5) = Cyfra przed numerem części oznacza ilość części wchodzącą w skład danego numeru.
Dzięki temu wiesz ile sztuk masz zamówić.
Jeżeli nie ma żadnej cyfry z przodu stosuje się standardową zasadę, którą znajdziesz w liście części na str. 48-49.

Przykłady:**1) 4PI 058006STDA:**

Na liście części znajdującej się na stronach 48-49 znajdziesz wyjaśnienie, że skrót PI oznacza tłok. W ostatniej kolumnie znajdziesz uwagę, że tłoki zawsze dostarczane są "na cylinder". W przykładzie tym, cyfra "4" z przodu numeru, oznacza, że te konkretne tłoki dostarczane są w zestawie 4 sztuk.

058006: jest nadanym przez nas numerem dla silnika TOYOTA 2J.

STD: określa standardowy wymiar tłoka.

A: w silniku 2J mogą wystąpić różne wersje tłoków. Ten tłok jest wersją A.

Numer 4PI 058006STDA składa się z czterech standardowych tłoków w wersji A występujących w silniku TOYOTA 2J.

2) 1BL 057004025:

Skrót BL oznacza panewki korbowodowe. Zgodnie z zasadą dostarczamy panewki na jeden korbowód lub dwie półpanewki. Jeżeli przed skrótem znajduje się cyfra 1 oznacza to, że dostarczana jest tylko jedna półpanewka.

057004: silnik NISSAN J15

025: podwymiar 0,25 mm



Części silnikowe:

1. Tłoki, sworznie tłoków, tuleje tłoków, zestawy tulei tłokowych

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 95.6 mm, without piston pin	
PP 134001	4		
PC 134001	8		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 54.0 mm	

Jeżeli w danym silniku występują różne typy tłoków, ich numery napisane są kolejno pod sobą. Również numery różnych pierścieni tłokowych zostały w ten sposób zapisane. Oznacza to, że pierścienie typu A stanowią komplet z tłokiem typu A. Ten system oznaczeń odnosi się również do kompletów tulei silnikowych. Jeżeli są odstępstwa od tej reguły, to są one zapisane w kolumnie "UWAGI".

2. Zawory, popychacze zaworów, prowadnice zaworów

Jeżeli w danym silniku występują różne typy zaworów to ich wymiary oraz kąty nachylenia będą podane w kolumnie "UWAGI".

3. Panewki

W kolumnie "UWAGI" jest zawsze podane ile sztuk danej części znajduje się w silniku. Podane jest to w kolumnie "Ilość". Przy zamówieniu panewek musisz brać pod uwagę ile chcesz zamówić oraz ile zawiera dany numer katalogowy. Nie sugeruj się rysunkiem z górnej ramki, który służy do celów czysto poglądowych. W kolumnie "STD średnica wałka" zanotowana jest standardowa średnica wałka.

4. Zestawy uszczelnień i uszczelnienia

Uszczelnienia typowe dla różnych zestawów uszczelnień są oznaczone A, B, C, itp. Oznaczenie to (A, B, C, itp.) koresponduje z odpowiednią wersją zestawu (A, B, C, itp.).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	8	O-ring	
KA 058004D	8		
SV 058004A	1	58.0 x 38.5 x 11.0 mm	
SV 058004B	1	88.0 x 45.0 x 12.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440 mm	
KD 058004B	1	Length: 450 mm	



Zestaw uszczelnień [KP058004A](#) zawiera między innymi uszczelkę oznaczoną literą A. Zasada ta odnosi się również do uszczelnień oznaczonych B, C, D, E. Żeby zamówić poprawny zestaw sprawdź jaka uszczelka fizycznie znajduje się w silniku.

Jeżeli w silniku występują wszystkie w/w uszczelnienia należy zamówić zestaw KP058004D.



Ta sama zasada dotyczy powyżej pokazanych uszczelnień.

Różne uszczelki głowicy [JC058004A](#), [JC058004B](#) oraz [JC058004D](#) zostały odpowiednio oznaczone JCA, JCB oraz JCD.

Przy każdym zestawie uszczelnień jest opis czy zestaw zawiera uszczelnienie wału korbowego (przód i tył) i/lub uszczelnienie trzonek zaworów.

Jeżeli nie ma tych uszczelnień w zestawie, można zamówić je osobno.

KA: uszczelnienie trzonka zaworu (na sztuki)

SV: uszczelnienie olejowe przód

SA: uszczelnienie olejowe tył

5. Pompa oleju i pompa wody

Zasada oznaczeń odnosi się również w stosunku do zestawów naprawczych (A, B, itp.) które odpowiadają pompom oznaczonym A, B, itp. W prawej kolumnie zostały pokazane rysunki odpowiednich pomp.

Przy pompie wody otrzymujesz zdjęcie góry i dołu pompy. Podajemy również jej wysokość i długość.



6. Świece żarowe, świece zapłonowe

Podano również różnice pomiędzy świecami zapłonowymi.

Np. 10,5 V; M10; długość całkowita: 89 mm

napięcie: 10,5 Volt

gwint: M10

długość całkowita: 89 mm

Różnice pomiędzy świecami zapłonowymi zostały oznaczone typem:

Np. W14-EXU



Lista części

Polski

	Skrót	Opis	Ilość		Skrót	Opis	Ilość
TŁOKI, TULEJE TŁOKÓW I AKCESORIA				ŁOŻYSKA			
	PI	tłok (z lub bez sworznia)	1 tłok		HL	zestaw panewek głównych	zestaw na silnik
	PP	sworzeń tłoka	1 sztuka		AL	zestaw pierścieni oporowych	zestaw na silnik
	PC	pierścień zabezpieczający sworzeń tłoka	1 sztuka		BL	zestaw panewek korbowodowych	zestaw na wał
	SE	zestaw pierścieni	zestaw na silnik		PB	tulejka sworznia tłoka	1 tuleja
	PISE	tłok (z lub bez sworznia) + zestaw pierścieni	1 tłok		NL	łożyska wałka rozrządu	zestaw na silnik
	CH	tuleja tłoka	1 sztuka	USZCZELNIENIA			
	AS	zestaw tulei (tuleja, tłok, pierścienie)	zestaw na 1 cylinder		KP	kompletny zestaw uszczelnień	1 sztuka
ZAWORY I CZĘŚCI POKREWNE					BP	górny zestaw uszczelnień	1 sztuka
	IK	zawór ssący	1 sztuka		CP	dolny zestaw uszczelnień	1 sztuka
	UK	zawór wydechowy	1 sztuka		JC	uszczelka głowicy	1 sztuka
	KS	popychacz zaworu	1 sztuka		DP	zestaw uszczelnień rozrządu	1 sztuka
	IG	przewodnica zaworu ssącego	1 sztuka		KA	uszczelniaacz zaworu	1 sztuka
	UG	przewodnica zaworu wydechowego	1 sztuka		SV	uszczelniaacz wału korbowego przód	1 sztuka
	KG	przewodnica zaworu ssącego/ wydechowego	1 sztuka		SA	uszczelniaacz wału korbowego tył	1 sztuka

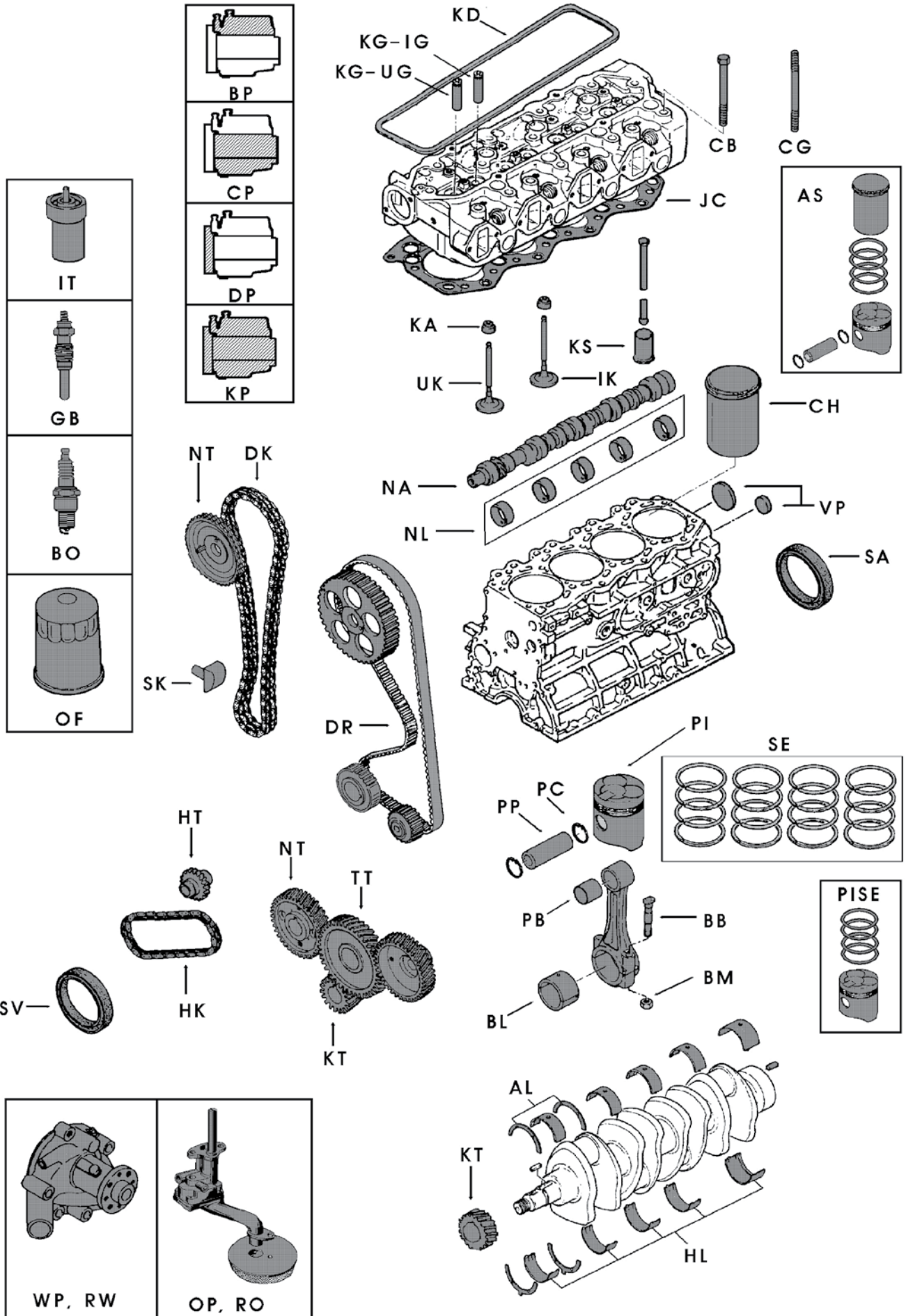
For any other engine part, please contact us !



Lista części

Polski

	Skrót	Opis	Ilość		Skrót	Opis	Ilość
	KD	uszczelka pokrywy zaworów	1 sztuka		KT	zębatka wału korbowego	1 sztuka
HARDWARE					TT	zębatka pośrednia	1 sztuka
	CB	śruba głowicy silnika	1 sztuka		HT	zębatka napędu pompy hydraulicznej	1 sztuka
	VP	zestaw korków ekspansyjnych	zestaw na silnik		DK	tańcuch rozrządu	1 sztuka
	BB	śruba korbowodu	1 sztuka		SK	napinacz tańcucha	1 sztuka
	BM	nakrętka śruby korbowodu	1 sztuka		DR	pasek rozrządu	1 sztuka
	CG	szpilka głowicy	1 sztuka		HK	tańcuch napędu pompy hydraulicznej	1 sztuka
POMPY WODY I OLEJU					OK	tańcuch napędu pompy oleju	1 sztuka
	OP	pompa oleju	1 sztuka	FILTRY, ZAPŁON I WTRYSK			
	WP	pompa wody	1 sztuka		OF	filt oleju	1 sztuka
	RO	zestaw naprawczy pompy oleju	1 sztuka		BO	świeca zapłonowa	1 sztuka
	RW	zestaw naprawczy pompy wody	1 sztuka		GB	świeca żarowa	1 sztuka
CZĘŚCI ROZRZĄDU					IT	końcówka wtryskiwacza	1 sztuka
	NA	watek rozrządu	1 sztuka				
	NT	zębatka wałka rozrządu	1 sztuka				



For any other engine part, please contact us !



РУССКИЙ: РУКОВОДСТВО

Данные двигателя:

Для начала, отыщите в каталоге нужный бренд. Бренды следуют в алфавитном порядке. В верхней части страницы указывается бренд и модель, вслед за этим представлена спецификация двигателя и перечислены бренды погрузчиков, в которых он используется. Список всех брендов представлен на стр В - F.

Бренд и тип двигателя

Технические условия: **бензин или дизель** · количество цилиндров · расточка

Применимость: **Наименования брендов, для которых используется двигатель**

Обозначения:

Каждой запчасти двигателя для последующего удобства поиска, присваивается обозначение.

Например. 4 PI 058006 STD A
(5) (1) (2) (3) (4)

(1) = PI соответствует обозначению запчасти двигателя (поршень).
Список обозначений Вы найдете на стр. 54-56

(2) = 058006 наш внутренний номер артикула для этой модели двигателя.

(3) = Здесь указывается, является ли артикул (например, поршень, подшипник, итд.) номиналом или ремонтным размером, превышающим или меньшим по отношению к номиналу.

STD: Номинал (стандарт)
025: ремонтный размер (+/-) 0,250 mm
0125: ремонтный размер (+/-) 0,125 mm
0254: ремонтный размер (+/-) 0,254 mm

(4) = Когда имеется несколько модификаций данного артикула, каждая получает свое обозначение А, В, С, итд. Наиболее характерные особенности для каждого исполнения указываются в колонке 'REMARKS'.

(5) = Цифры перед обозначением артикула указывает на необходимое количество из расчета на двигатель. Это количество для заказа. В отсутствие числа, берется стандартное количество по умолчанию. Эта информация указывается на стр. 54-55.

Примеры:**1) 4PI 058006STDA:**

В списке запчастей на стр. 54-55 можно видеть, что обозначение PI соответствует поршню. В последней колонке имеется ссылка на правило по умолчанию, заключающееся в том, что поршень всегда поставляется 'на один цилиндр'. В данном примере, '4' перед обозначением указывает, что данные поршни поставляются комплектом из 4 штук.

058006: наш внутренний номер для двигателя TOYOTA 2J.

STD: указывает на номинальность размера поршня.

A: Двигатель 2J имеет несколько исполнений для поршня. Данный поршень (A) соответствует одному из них.

Таким образом, артикул 4PI 058006STDA подразумевает 4 поршня номинального размера для двигателя TOYOTA 2J с исполнением типа А.

2) 1BL 057004025:

В списке запчастей можно видеть, что обозначение BL соответствует комплекту шатунных подшипников. Согласно правила, они поставляются из расчета на шатун или двумя половинками подшипников. Цифра 1 перед обозначением указывает на то, что артикул состоит лишь из 1 половины подшипника.

057004: NISSAN J15

025: ремонтный размер, меньший номинала на 0,25 mm

For any other engine part, please contact us !



Запчасти для двигателя:

1. Поршни, поршневые кольца, гильзы, гильзокомплекты

PI 134001STDA	4	With 4 ring grooves, head shape A	
PI 134001STDB	4	With 4 ring grooves, head shape B	
PI 134001STDC	4	With 3 ring grooves, height: 84.6 mm, without piston pin	
PI 134001STDD	4	With 3 ring grooves, height: 90.6 mm, without piston pin	
PP 134001	4		
PC 134001	B		
1SE 134001STDA	4	With piston A	
1SE 134001STDB	4	With piston B	
1SE 134001STDC	4	With piston C	
1SE 134001STDD	4	With piston D	
CH 134001	4		
4AS 134001A	1	With piston A	
4AS 134001B	1	With piston B and piston pin bushing: 27.0 x 30.0 x 30.0 mm	
4AS 134001C	1	With piston C	
4AS 134001D	1	With piston D	
4AS 134001E	1	With piston B and piston pin bushing: 27.0 x 30.0 x 34.0 mm	

В случае нескольких модификаций поршней, их номера указываются один под другим. Таким же образом указываются модификации поршневых колец. Вариант А поршневых колец соответствует варианту А поршней. То же самое с гильзокомплектами. В случае, когда это правило не действует, об этом будет сделана отметка в "REMARKS".

2. Клапаны, толкатели, направляющие клапанов

В случае нескольких модификаций клапанов одного двигателя, в графе "REMARKS" указываются их размеры, информация о шлицах и углы посадки.

3. Подшипники

В колонке "REMARKS" указывается количество данного артикула из расчета на целый двигатель. Это указывается в колонке Qty/eng. Перед размещением заказа сверьтесь с требуемым количеством и количеством в одном артикуле по каталогу. Просим, при этом, не обращать внимание на схематичные изображения. Они являются лишь иллюстрацией, представляющей подшипники. В колонке "STD shaft dia" указывается стандартный диаметр вала.

4. Комплекты прокладок, прокладки

Прокладки, типичные для различных комплектов, помечаются литерами А, В, С, итд. Таким, образом, буквенные обозначения (А, В, С, итд.) корреспондируют соответствующим комплектам прокладок (А, В, С, итд.).

KP 058004A	1	With front and rear oil seals, with valve seals	
KP 058004B	1	With front and rear oil seals, with valve seals	
KP 058004C	1	With front and rear oil seals, with valve seals	
KP 058004D	1	With front and rear oil seals, with valve seals	

KP 058004E	1	With front and rear oil seals, with valve seals	
BP 058004A	1		
BP 058004B	1		
BP 058004C	1		
BP 058004D	1		
BP 058004E	1		
JC 058004A	1		
JC 058004B	1		
JC 058004D	1		
KA 058004A	B	O-ring	
KA 058004D	B		
SV 058004A	1	58.0 x 38.5 x 13.0 mm	
SV 058004B	1	68.0 x 45.0 x 13.0 mm	
SA 058004	1		
KD 058004A	1	Length: 440.0 mm	
KD 058004B	1	Length: 450.0 mm	



Комплект прокладок [KP058004A](#) включает в себя, помимо прочих, также прокладки, помеченные литерой А. Такова же логика для комплектов В, С, D, Е. Для заказа корректного комплекта, Вам необходимо свериться с тем, какой тип комплекта соответствует Вашему двигателю.

Если для Вашего двигателя типичны нижеследующие прокладки, в Вашем случае, нужно заказать KP058004D.



Такое же правило применительно и для комплектов верхней части двигателя.

Различные модификации прокладки головки блока JC058004A, [JC058004B](#) и [JC058004D](#) маркируются, соответственно, JCA, JCB и JCD.

Для каждого комплекта, указывается, входит или нет в состав комплекта масло-съемные колпачки коленвала (передние и задние) и/или сальники клапанов.

Если указано, что они не входят в комплект, их необходимо заказать отдельно

KA: сальники клапанов (поштучно)

SV: масло-съемный колпачок (передний)

SA: масло-съемный колпачок (задний)

5. Масляные и водные насосы

Для этих узлов, имеются также различные комплекты (А, В, итд), корреспондирующие с соответствующими насосами. В правой колонке помещаются фото насосов.

С водяным насосом прилагаются фото с верхним и нижним видами. Также, в приложении указывается высота и длина насоса.



6. Свечи накала и зажигания

Различия для различных типов свечей накала отмечаются текстом

Например, 10,5 V; M10; Общая длина: 89 mm

Напряжение: 10,5 В

Резьба: M10

Общая длина: 89 mm

Различия для различных типов свечей зажигания отмечаются указанием типа.

Например W14-EXU



Список запчастей

Русский

	Аббр.	Наименование	Норма		Аббр.	Наименование	Норма
ПОРШНИ, ГИЛЬЗЫ И КОМПЛЕКТУЮЩИЕ				ПОДШИПНИКИ			
	PI	Поршень (с пальцем или без)	На поршень		HL	Комплект коренных подшипников	На двигатель
	PP	Палец поршневой	1 шт		AL	Комплект упорных подшипников	На двигатель
	PC	Стопорное кольцо поршневого пальца	1 шт		BL	Комплект шатунных подшипников	На шатун
	SE	Комплект порневых колец	На двигатель		PB	Вкладыш поршневого пальца	1 шт
	PISE	Поршень (с пальцем или без) + комплект колец	На поршень		NL	Комплект подшипников распредвала	На двигатель
	CH	Гильза	1 шт	САЛЬНИКИ			
	AS	Гильзокомплект (поршень, кольца, гильза)	На цилиндр		KP	Ремкомплект сальников двигателя	1 шт
КЛАПАНЫ И ИХ ПРОИЗВОДНЫЕ					BP	Ремкомплект двигателя верхней части	1 шт
	IK	Впускной клапан	1 шт		CP	Ремкомплект двигателя нижней части	1 шт
	UK	Выпускной клапан	1 шт		JC	Прокладка голоки блока	1 шт
	KS	Толкатель клапана (гидрокомпенсатор)	1 шт		DP	Ремкомплект распределительной части	1 шт
	IG	Направляющая впускного клапана	1 шт		KA	Сальник клапана	1 шт
	UG	Направляющая выпускного клапана	1 шт		SV	Маслосъемный сальник коленвала, передний	1 шт
	KG	Направляющая в(ы) пускного клапана	1 шт		SA	Маслосъемный сальник коленвала, задний	1 шт

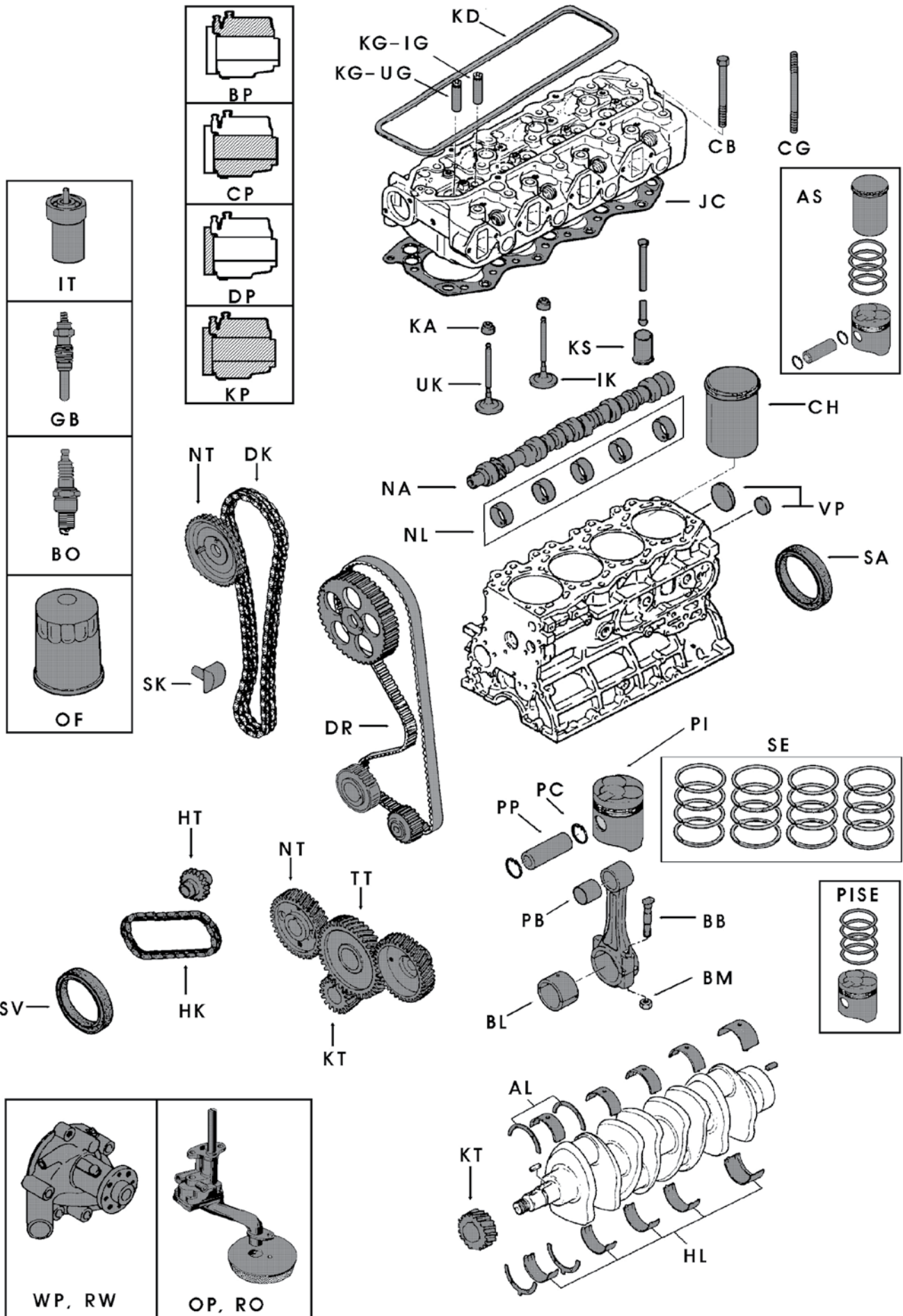


Список запчастей

Русский

	Аббр.	Наименование	Норма		Аббр.	Наименование	Норма
	KD	Прокладка крышки головки блока цилиндров	1 шт		КТ	Шестерня коленвала	1 шт
МЕТАЛЛОФУРНИТУРА					ТТ	Паразитная шестерня	1 шт
	CB	Болт головки блока цилиндров	1 шт		НТ	Шестерня привода гидравлического насоса	1 шт
	VP	Комплект компенсационных заглушек	На двигатель		DK	Цепь ГРМ	1 шт
	BB	Болт шатуна	1 шт		SK	Натяжитель цепи/ремня	1 шт
	BM	Гайка шатунна	1 шт		DR	Ремень ГРМ	1 шт
	CG	Шпилька головки блока цилиндров	1 шт		НК	Цепь привода гидравлического насоса	1 шт
ВОДНЫЕ И МАСЛЯНЫЕ НАСОСЫ					OK	Цепь привода масляного насоса	1 шт
	OP	Масляный насос	1 шт	ФИЛЬТРЫ, ЗАЖИГАНИЕ И ИНЖЕКЦИЯ			
	WP	Водный насос	1 шт		OF	Масляный фильтр	1 шт
	RO	Ремкомплект масляного насоса	1 шт		BO	Свеча зажигания	1 шт
	RW	Ремкомплект водного насоса	1 шт		GB	Свеча накала	1 шт
ЗАПЧАСТИ РАСПРЕДЕЛИТЕЛЬНОЙ ЧАСТИ ДВИГАТЕЛЯ					IT	Форсунка	1 шт
	NA	Распредвал	1 шт				
	NT	Шестерня распредвала	1 шт				

For any other engine part, please contact us !



For any other engine part, please contact us !



NOTES

Lined area for notes with horizontal dotted lines.

For any other engine part, please contact us !



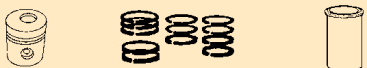


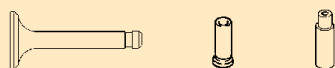
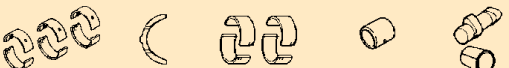
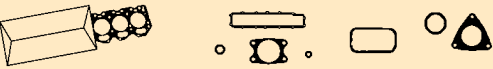

USED FOR
CATERPILLAR










Used for: **CATERPILLAR 1404**

Specifications: **Gasoline · 4 cylinders · Bore: 4.0" (101,60 mm)**

In: **CATERPILLAR**

REF	Qty/ eng	Remarks	
			
PI009001STDA	4	STD, flat	
PI009001020A	4	0.020" oversize, flat	
PI009001040A	4	0.040" oversize, flat	
PI009001STDB	4	STD, bowl	
PI009001020B	4	0.020" oversize, bowl	
PI009001040B	4	0.040" oversize, bowl	
SE009001STD	1	STD	
SE009001020	1	0.020" oversize	
SE009001030	1	0.030" oversize	
SE009001040	1	0.040" oversize	
SE009001060	1	0.060" oversize	
			
IK009001A	4	Dia: 46,0 mm	
IK009001B	4	Dia: 42,0 mm	
UK009001A	4	Dia: 39,4 mm	
UK009001B	4	Dia: 37,7 mm	
KS009001	8		
KG009001030	8	0.030" oversize	
KG009001060	8	0.060" oversize	
			
HL009001STD	1	STD shaft dia: 57,12 mm	
HL009001010	1	0.010" undersize	
HL009001020	1	0.020" undersize	
HL009001030	1	0.030" undersize	
BL009001STD	4	STD shaft dia: 50,77 mm	
4BL009001010	1	0.010" undersize	
4BL009001020	1	0.020" undersize	
4BL009001030	1	0.030" undersize	
PB009001	4		
NL009001	1	Engine set	
			
KP009001	1		
BP009001	1		
CP009001	1		
JC009001	1		
DP009001	1		
KA009001A	4	Intake	

REF	Qty/ eng	Remarks	
KA009001B	4	Exhaust	
SV009001	1		
SA009001	1		
KD009001	1		
			
CB009001	10		
VP009001	1		
BB009001	8		
BM009001	8		
			
OP009001	1		
WP009001A	1	Total height: 121,0 mm Total length: 168,0 mm Pulley with 4 holes	With gasket 
WP009001B	1	Total height: 123,0 mm Total length: 167,0 mm Pulley with 2 holes	With gasket 
			
NA009001	1		
NT009001	1		
KT009001	1		
TT009001	1		
HT009001	1		
			
OF009001	1		
B0009001	4		

For any other engine part, please contact us !



Used for: **CATERPILLAR 3003**

Specifications: **Diesel** • **3 cylinders** • Bore: **75,00 mm** • Displacement: **0,954 l**

In: **CATERPILLAR 301.5**

REF	Qty/ eng	Remarks
PISE009003A	3	Type 1, with oil ring Groove: 4,00 mm
PISE009003B	3	Type 2, with oil ring Groove: 3,00 mm
PP009003	1	
PC009003	2	
SE009003A	1	Type 1, with oil ring Thickness: 4,00 mm
SE009003B	1	Type 2, with oil ring Thickness: 3,00 mm
IK009003	3	
UK009003	3	
KS009003	6	
IG009003	3	
UG009003	3	
HL009003STD	1	
4BL009003STD	1	
PB009003	1	
NL009003A	1	On camshaft
NL009003B	1	In cylinder block
JC009003	1	
KA009003A	3	Exhaust
KA009003B	3	Intake
SV009003	1	42,0 x 25,0 x 8,0 mm, rubber
SA009003	1	124,0 x 67,0 x 12,0 mm, metal-rubber
KD009003A	1	Valve mechanism side
KD009003B	1	Exhaust manifold side
CB009003A	11	Length: 86,0 mm
CB009003B	3	Length: 63,0 mm
VP009003	1	
BB009002	2	
BM009003	2	

REF	Qty/ eng	Remarks
OP009003	1	
WP009003	1	Total height: 108,00 mm Total length: 176,00 mm Without gasket
NA009003	1	
NT009003A	1	Number of teeth: 52
NT009003B	1	Number of teeth: 22
KT009003	1	
TT009003	1	
OF009003A	1	Dia: 96,0 mm Height: 101,0 mm 3/4" UNF
OF009003B	1	Dia: 78,0 mm Height: 85,0 mm 3/4" UNF
GB009003	3	

Used for: CATERPILLAR

For any other engine part, please contact us !



Used for: **CATERPILLAR 3024C**

Specifications: **Diesel** · 4 cylinders · Bore: **84,00 mm** · Displacement: **2,200 l**

In: **CATERPILLAR 226B**

REF	Qty/ eng	Remarks
PISE009002STDA	4	STD, with square top ring
PISE009002STDB	4	STD, with top ring half keystone
PP009002	4	
PC009002	8	
SE009002STDA	1	STD, with square top ring
SE009002STDB	1	STD, with top ring half keystone
IK009002	4	
UK009002	4	
KS009002	8	
IG009002	4	
HL009002STD	1	STD
HL009002025	1	Undersize: 0,250 mm
HL009002050	1	Undersize: 0,500 mm
1AL009002STDA	1	STD, upper
1AL009002STDB	2	STD, lower
4BL009002STD	1	STD
4BL009002025	1	Oversize: 0,250 mm
4BL009002050	1	Oversize: 0,500 mm
PB009002	1	
NL009002	1	Front
JC009002	1	
KA009002A	4	Intake
KA009002B	4	Exhaust
SV009002	1	55,0 x 35,0 x 10,0 mm Polyurethane
SA009002	1	170,0 x 90,0 x 13,0 mm Metal-rubber
KD009002	1	
CB009002A	14	M11 x 91,0 mm
CB009002B	4	M11 x 72,0 mm
VP009002	1	

REF	Qty/ eng	Remarks
BB009002	2	
BM009002	2	
OP009002	1	
WP009002A	1	Total height: 124,00 mm Total length: 170,00 mm
NA009002A	1	With 1 gear
NA009002B	1	With 2 gears
NT009002A	1	Number of teeth: 66
NT009002B	1	Number of teeth: 22
KT009002	1	
TT009002	1	
OF009002	1	
OF009002	1	
GB009002	4	

For any other engine part, please contact us !



USED FOR
CONTINENTAL



Used for: **CONTINENTAL F135**

Specifications: **Gasoline · 4 cylinders · Bore: 3 1/8" (79,38 mm)**

In: **HYSTER, CLARK, ALLIS CHALMERS, YALE**

REF	Qty/eng	Remarks	
PI023001STD	4	STD	
PI023001020	4	0.020" oversize	
PI023001030	4	0.030" oversize	
PI023001040	4	0.040" oversize	
PI023001060	4	0.060" oversize	
SE023001STD	1	1 x 5/64", 2 x 3/32", 1 x 3/16" (1 x 1,98 , 2 x 2,38 , 1 x 4,76 mm)	
SE023001020	1	0.020" oversize	
SE023001030	1	0.030" oversize	
SE023001040	1	0.040" oversize	
SE023001060	1	0.060" oversize	
CH023001	4		
IK023001	4		
UK023001	4		
KS023001	8		
KG023001	8		
HL023001STD	1	STD shaft dia: 60,31-60,33 mm	
HL023001010	1	0.010" undersize	
HL023001020	1	0.020" undersize	
HL023001030	1	0.030" undersize	
HL023001040	1	0.040" undersize	
BL023001STDA	2 or 4	STD shaft dia: 52,37-52,39 mm, right	
BL023001010A	2 or 4	0.010" undersize, right	
BL023001020A	2 or 4	0.020" undersize, right	
BL023001030A	2 or 4	0.030" undersize, right	
BL023001040A	2 or 4	0.040" undersize, right	
BL023001STDB	2 or 0	STD shaft dia: 52,37-52,39 mm, left	
BL023001010B	2 or 0	0.010" undersize, left	
BL023001020B	2 or 0	0.020" undersize, left	
BL023001030B	2 or 0	0.030" undersize, left	
BL023001040B	2 or 0	0.040" undersize, left	
PB023001	4		
NL023001	1		
BP023001	1		
CP023001	1	With front oil seal, no rear oil seal	

REF	Qty/eng	Remarks
JC023001	1	
DP023001	1	
SV023001	1	
1SA023001	2	
VP023001	1	
OF023001	1	
B0023001	4	
<p>For oil pump, water pump and headbolts, see end of Continental section.</p>		

For any other engine part, please contact us !



Used for: **CONTINENTAL F163**

Specifications: **Gasoline · 4 cylinders · Bore: 3 7/16" (87,31 mm)**

In: **CATERPILLAR, HYSTER, TOWMOTOR, FENWICK, CLARK, ALLIS CHALMERS, YALE**

REF	Qty/eng	Remarks
PI023002STD	4	STD
PI023002020	4	0.020" oversize
PI023002030	4	0.030" oversize
PI023002040	4	0.040" oversize
PI023002060	4	0.060" oversize
SE023002STD	1	1 x 5/64", 2 x 3/32", 1 x 1/4" (1 x 1,98 , 2 x 2,38 , 1 x 6,35 mm)
SE023002020	1	0.020" oversize
SE023002030	1	0.030" oversize
SE023002040	1	0.040" oversize
SE023002060	1	0.060" oversize
CH023002	4	Semi-finished
IK023002	4	
UK023002	4	
KS023002	8	
KG023002	8	
HL023002STD	1	STD shaft dia: 60,31-60,33 mm
HL023002010	1	0.010" undersize
HL023002020	1	0.020" undersize
HL023002030	1	0.030" undersize
HL023002040	1	0.040" undersize
BL023002STDA	2 or 4	STD shaft dia: 52,37-52,39 mm, right
BL023002010A	2 or 4	0.010" undersize, right
BL023002020A	2 or 4	0.020" undersize, right
BL023002030A	2 or 4	0.030" undersize, right
BL023002040A	2 or 4	0.040" undersize, right
BL023002STDB	2 or 0	STD shaft dia: 52,37-52,39 mm, right
BL023002010B	2 or 0	0.010" undersize, left
BL023002020B	2 or 0	0.020" undersize, left
BL023002030B	2 or 0	0.030" undersize, left
BL023002040B	2 or 0	0.040" undersize, left
PB023002	4	
NL023002	1	
BP023002	1	
CP023002	1	

REF	Qty/eng	Remarks
JC023002	1	
DP023002	1	With front oil seal, no rear oil seal
SV023002	1	
1SA023002	2	
VP023002	1	
OF023002A	1	Height: 107,0 mm Dia: 89,0 mm
OF023002B	1	Height: 140,0 mm Dia: 98,0 mm
B0023002	4	
<p>For oil pump, water pump and headbolts, see end of Continental section.</p>		

For any other engine part, please contact us !



Used for: **CONTINENTAL F227**

Specifications: **Gasoline · 6 cylinders · Bore: 3 5/16" (84,14 mm)**

In: **HYSTER, CATERPILLAR, TOWMOTOR, FENWICK**

REF	Qty/eng	Remarks	
PI023003STDA	6	STD; top groove 0.152", 3,86 mm	
PI023003020A	6	0.020" oversize	
PI023003030A	6	0.030" oversize	
PI023003040A	6	0.040" oversize	
PI023003STDB	6	STD; top groove 5/64", 1,98 mm	
PI023003020B	6	0.020" oversize	
PI023003030B	6	0.030" oversize	
PI023003040B	6	0.040" oversize	
PI023003STDC	6	STD; top groove 2,38 mm	
SE023003STDA	1	STD; thickness top ring: 0.152", 3,86 mm 1 x 0.152"; 2 x 1/8"; 1 x 1/4"	
SE023003020A	1	0.020" oversize	
SE023003030A	1	0.030" oversize	
SE023003040A	1	0.040" oversize	
SE023003STDB	1	STD; thickness top ring: 5/64", 1,98 mm 1 x 5/64"; 2 x 3/32"; 1 x 1/4"	
SE023003020B	1	0.020" oversize	
SE023003030B	1	0.030" oversize	
SE023003040B	1	0.040" oversize	
SE023003STDC	1	STD; 2,38 mm x 2,38 mm x 3,90 mm x 3,90 mm	
CH023003	6	Semi-finished	
IK023003	6		
UK023003	6		
KS023003	12		
KG023003	12		
HL023003STD	1	STD shaft dia: 60,31-60,33 mm	
HL023003010	1	0.010" undersize	
HL023003020	1	0.020" undersize	
HL023003030	1	0.030" undersize	
BL023003STDA	3 or 6	STD shaft dia: 52,37-52,39 mm, right	
BL023003010A	3 or 6	0.010" undersize, right	
BL023003020A	3 or 6	0.020" undersize, right	
BL023003030A	3 or 6	0.030" undersize, right	
BL023003040A	3 or 6	0.040" undersize, right	

REF	Qty/eng	Remarks	
BL023003STDB	3 or 0	STD shaft dia: 52,37 mm-52,39 mm, left	
BL023003010B	3 or 0	0.010" undersize, left	
BL023003020B	3 or 0	0.020" undersize, left	
BL023003030B	3 or 0	0.030" undersize, left	
BL023003040B	3 or 0	0.040" undersize, left	
PB023003	6		
NL023003	1		
BP023003	1		
CP023003	1		
JC023003	1		
DP023003	1	With front oil seal, no rear oil seal	
SV023003	1		
1SA023003	2		
VP023003	1		
OF023003	1		
B0023003	6		
<p>For oil pump, water pump and headbolts, see end of Continental section.</p>			

For any other engine part, please contact us !



Used for: **CONTINENTAL F245**

Specifications: **Gasoline · 6 cylinders · Bore: 3 7/16" (87,31 mm)**

In: **HYSTER, CATERPILLAR, TOWMOTOR, FENWICK, CLARK**

REF	Qty/eng	Remarks
PI023004STD	6	STD
PI023004020	6	0.020" oversize
PI023004030	6	0.030" oversize
PI023004040	6	0.040" oversize
PI023004060	6	0.060" oversize
SE023004STD	1	STD; 1 x 5/64"; 2 x 3/32"; 1 x 3/16"
SE023004020	1	0.020" oversize
SE023004030	1	0.030" oversize
SE023004040	1	0.040" oversize
SE023004060	1	0.060" oversize
CH023004	6	Semi-finished
IK023004	6	
UK023004	6	
KS023004	12	
KG023004	12	
HL023004STD	1	STD shaft dia: 60,31-60,33 mm
HL023004010	1	0.010" undersize
HL023004020	1	0.020" undersize
HL023004030	1	0.030" undersize
BL023004STDA	3 or 6	STD shaft dia: 52,37-52,39 mm, right
BL023004010A	3 or 6	0.010" undersize, right
BL023004020A	3 or 6	0.020" undersize, right
BL023004030A	3 or 6	0.030" undersize, right
BL023004040A	3 or 6	0.040" undersize, right
BL023004STDB	3 or 0	STD shaft dia: 52,37-52,39 mm, left
BL023004010B	3 or 0	0.010" undersize, left
BL023004020B	3 or 0	0.020" undersize, left
BL023004030B	3 or 0	0.030" undersize, left
BL023004040B	3 or 0	0.040" undersize, left
PB023004	6	
NL023004	1	
BP023004	1	
CP023004	1	

REF	Qty/eng	Remarks
JC023004	1	
DP023004	1	With front oil seal, no rear oil seal
SV023004	1	
1SA023004	2	
VP023004	1	
OF023004	1	
B0023004	6	
<p>For oil pump, water pump and headbolts, see end of Continental section.</p>		

For any other engine part, please contact us !



Used for: **CONTINENTAL G193**

Specifications: **Gasoline · 4 cylinders · Bore: 3 3/4" (95,25 mm)**

In: **HYSTER**

REF	Qty/eng	Remarks
PI023005STD	4	STD
PI023005020	4	0.020" oversize
PI023005030	4	0.030" oversize
PI023005040	4	0.040" oversize
SE023005STD	1	STD; 1 x 5/64"; 2 x 3/32"; 1 x 3/16"
SE023005020	1	0.020" oversize
SE023005030	1	0.030" oversize
SE023005040	1	0.040" oversize
IK023005	4	
UK023005	4	
KS023005	8	
KG023005	8	
HL023005STD	1	STD shaft dia: 60,30-60,33 mm
HL023005010	1	0.010" undersize
HL023005020	1	0.020" undersize
HL023005030	1	0.030" undersize
4BL023005STD	1	STD shaft dia: 57,12-57,15 mm
4BL023005010	1	0.010" undersize
4BL023005020	1	0.020" undersize
4BL023005030	1	0.030" undersize
NL023005	1	
BP023005	1	
CP023005	1	
JC023005	1	
DP023005	1	With front oil seal, no rear oil seal
8KA023005	1	Engine set valve seals
SV023005	1	
SA023005	1	
KD023005	1	

REF	Qty/eng	Remarks
VP023005	1	
WP023005	1	Total height: 138,0 mm Total length: 267,0 mm With gasket
R0023005	1	
RW023005	1	
OF023005	1	
B0023005	4	

For any other engine part, please contact us !



Used for: **CONTINENTAL TM20**

Specifications: **Gasoline · 3 cylinders · Bore: 91,00 mm**

In: **FIAT, CLARK**

REF	Qty/ eng	Remarks
PI023007STD	3	STD
PI023007050	3	0,500 mm oversize
PI023007075	3	0,750 mm oversize
PI023007100	3	1,000 mm oversize
1SE023007STD	3	STD; 1 piece/piston
1SE023007050	3	0,500 mm oversize, 1 piece/piston
1SE023007075	3	0,750 mm oversize, 1 piece/piston
1SE023007100	3	1,000 mm oversize, 1 piece/piston
IK023007	3	
UK023007A	3	
UK023007B	3	Stellite valve for gas-engine
KS023007	6	
KG023007	6	
HL023007STD	1	STD shaft dia: 72,974 mm- 72,944 mm
HL023007025	1	0,250 mm undersize
HL023007050	1	0,500 mm undersize
HL023007075	1	0,750 mm undersize
HL023007100	1	1,000 mm undersize
BL023007STD	3	STD shaft dia: 49,212 mm- 49,187 mm
BL023007025	3	0,250 mm undersize
BL023007050	3	0,500 mm undersize
BL023007075	3	0,750 mm undersize
BL023007100	3	1,000 mm undersize
PB023007	3	Outside dia: 30,700 mm; when replacing 30,200 mm bushing, machine rod hole to 30,630 mm-30,605 mm
BP023007	1	No valve seals
CP023007	1	
JC023007	1	
DP023007	1	With front and rear oil seals
KA023007	6	

REF	Qty/ eng	Remarks	
SV023007	1		
1SA023007	2		
KD023007	1		
CB023007A	8	M12 x 130,0 mm	
CB023007B	4	M10 x 40,0 mm	
VP023007	1		
BB023007	6		
OP023007	1		
WP023007A	1	Total height: 134,0 mm Total length: 230,0 mm 3 bolts for fan fixing	
WP023007B	1	Total height: 134,0 mm Total length: 232,0 mm 4 bolts for fan fixing	
RW023007A	1		
NA023007	1		
NT023007	1		
KT023007	1		
OF023007	1		
B0023007	3		



Used for: CONTINENTAL TM27

Specifications: **Gasoline · 4 cylinders · Bore: 91,00 mm**

In: **FIAT, LINDE, CLARK, HALLA**

REF	Qty/ eng	Remarks
PI023008STD	4	STD
PI023008050	4	0,500 mm oversize
PI023008075	4	0,750 mm oversize
PI023008100	4	1,000 mm oversize
1SE023008STD	4	STD; 1 piece/piston
1SE023008050	4	0,500 mm oversize, 1 piece/piston
1SE023008075	4	0,750 mm oversize, 1 piece/piston
1SE023008100	4	1,000 mm oversize, 1 piece/piston
IK023008	4	
UK023008A	4	
UK023008B	4	Stellite valve for gas-engine
KS023008	8	
KG023008	8	
HL023008STD	1	STD shaft dia: 72,974 mm- 72,944 mm
HL023008025	1	0,250 mm undersize
HL023008050	1	0,500 mm undersize
HL023008075	1	0,750 mm undersize
HL023008100	1	1,000 mm undersize
BL023008STD	4	STD shaft dia: 49,212 mm- 49,187 mm
BL023008025	4	0,250 mm undersize
BL023008050	4	0,500 mm undersize
BL023008075	4	0,750 mm undersize
BL023008100	4	1,000 mm undersize
PB023008	4	Outside dia: 30,700 mm; when replacing 30,200 mm bushing, machine rod hole to 30,630 mm-30,605 mm
BP023008	1	No valve seals
CP023008	1	
JC023008	1	
DP023008	1	With front oil seal
KA023008	8	
SV023008	1	

REF	Qty/ eng	Remarks
SA023008	1	
KD023008	1	
CB023008A	10	M12 x 130,0 mm
CB023008B	5	M10 x 40,0 mm
VP023008	1	
BB023008	8	
OP023008	1	
WP023008A	1	Total height: 134,0 mm Total length: 230,0 mm For Fiat, 3 bolts for fan
WP023008B	1	Total height: 134,0 mm Total length: 232,0 mm For Fiat, 4 bolts for fan
WP023008C	1	Total height: 167,0 mm Total length: 340,0 mm For Clark
RW023008A	1	For water pump A and B
RW023008C	1	For water pump C
NA023008	1	
NT023008	1	
KT023008	1	
OF023008	1	
B0023008A	4	W20EXR-U
B0023008B	4	W24EPR-U

For any other engine part, please contact us !



Used for: **CONTINENTAL TMD27**

Specifications: **Diesel · 4 cylinders · Bore: 91,00 mm**

In: **CLARK**

REF	Qty/ eng	Remarks
PI023009STD	4	STD
PI023009050	4	0,500 mm oversize
PI023009075	4	0,750 mm oversize
PI023009100	4	1,000 mm oversize
1SE023009STD	4	STD; 1 piece/piston
1SE023009050	4	0,500 mm oversize, 1 piece/piston
1SE023009075	4	0,750 mm oversize, 1 piece/piston
1SE023009100	4	1,000 mm oversize, 1 piece/piston
IK023009	4	
UK023009	4	
KS023009	8	
KG023009	8	
HL023009STD	1	STD shaft dia: 72,974 mm- 72,944 mm
HL023009025	1	0,250 mm undersize
HL023009050	1	0,500 mm undersize
HL023009075	1	0,750 mm undersize
HL023009100	1	1,000 mm undersize
BL023009STD	4	STD shaft dia: 49,212 mm- 49,187 mm
BL023009025	4	0,250 mm undersize
BL023009050	4	0,500 mm undersize
BL023009075	4	0,750 mm undersize
BL023009100	4	1,000 mm undersize
PB023009	4	Outside dia: 30,700 mm; when replacing 30,200 mm bushing, machine rod hole to 30,630 mm-30,605 mm
BP023009	1	No valve seals
CP023009	1	
JC023009	1	
DP023009	1	
KA023009	8	
SV023009	1	

REF	Qty/ eng	Remarks
SA023009	1	
KD023009	1	
CB023009A	10	M12 x 220,0 mm
CB023009B	5	M10 x 40,0 mm
VP023009	1	
BB023009	8	
OP023009	1	
WP023009	1	Total height: 167,0 mm Total length: 340,0 mm With gasket
RW023009	1	
NA023009	1	
NT023009A	1	Timing
NT023009B	1	Injection pump drive
KT023009	1	
TT023009	1	Injection pump
OF023009	1	
GB023009	4	
IT023009	4	



Used for: **CONTINENTAL Y112**

Specifications: **Gasoline · 4 cylinders · Bore: 3 3/16" (80,96 mm)**

In: **CLARK, HYSTER**

REF	Qty/ eng	Remarks	
PI023006STD	4	STD	
PI023006020	4	0.020" oversize	
PI023006030	4	0.030" oversize	
PI023006040	4	0.040" oversize	
SE023006STD	1	STD	
SE023006020	1	0.020" oversize	
SE023006030	1	0.030" oversize	
SE023006040	1	0.040" oversize	
CH023006	4		
IK023006A	4	Dia: 30,5 mm, length: 101,9 mm	
IK023006B	4	Dia: 30,6 mm, length: 103,0 mm	
UK023006A	4	Dia: 25,8 mm, length: 102,5 mm	
UK023006B	4	Dia: 25,8 mm, length: 102,4 mm	
KS023006	8		
KG023006	8		
HL023006STDA	1	STD shaft dia: 44,39 mm- 44,41 mm, straight	
HL023006010A	1	0.010" undersize, straight	
HL023006020A	1	0.020" undersize, straight	
HL023006030A	1	0.030" undersize, straight	
HL023006STDB	1	STD shaft dia: 44,39 mm- 44,41 mm, flanged upper half	
HL023006010B	1	0.010" undersize, flanged upper half	
HL023006020B	1	0.020" undersize, flanged upper half	
HL023006030B	1	0.030" undersize, flanged upper half	
AL023006STD	1	For HLA	
BL023006STDA	2 or 4	STD shaft dia: 38,10 mm, right	
BL023006010A	2 or 4	0.010" undersize, right	
BL023006020A	2 or 4	0.020" undersize, right	
BL023006030A	2 or 4	0.030" undersize, right	
BL023006040A	2 or 4	0.040" undersize, right	

REF	Qty/ eng	Remarks	
BL023006STDB	2 or 0	STD shaft dia: 38,10 mm, left	
BL023006010B	2 or 0	0.010" undersize, left	
BL023006020B	2 or 0	0.020" undersize, left	
BL023006030B	2 or 0	0.030" undersize, left	
BL023006040B	2 or 0	0.040" undersize, left	
PB023006	4		
NL023006	1		
BP023006	1		
CP023006	1		
JC023006	1		
DP023006A	1	Clark, no front or rear oil seal	
DP023006B	1	Hyster, with front oil seal, no rear oil seal	
SV023006	1		
1SA023006	2		
VP023006	1		
OF023006	1		
B0023006	4		

For any other engine part, please contact us !



Water pumps used for CONTINENTAL engines

For other dimensions or models please contact us!

Used for: CONTINENTAL



(for 1 belt)

REF [WP023A](#)



(for 2 belts)

REF [WP023D](#)



(for 3 belts)

REF [WP023B](#)



(for 2 belts)

REF [WP023E](#)



(for 1 belt)

REF [WP023C](#)



(for 3 belts)

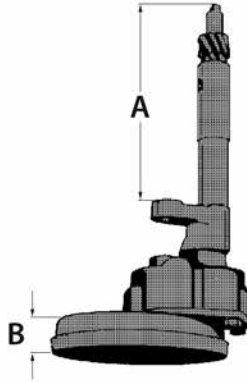
REF [WP023F](#)



Oil pumps used for CONTINENTAL engines

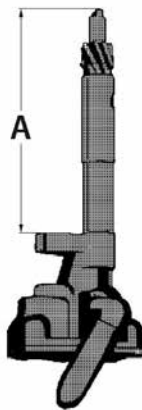
For other dimensions or models please contact us!

For the engine G193 no oil pump available, only repair kit R0023005!



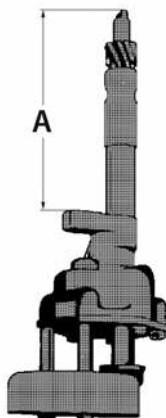
Type 1

REF oil pump	Dimensions	REF repair kit
OP023A	A = 180 mm	R0023A
OP023B	A = 230 mm	R0023B
OP023C	A = 147 mm	R0023C



Type 2

REF oil pump	Dimensions	REF repair kit
OP023D	A = 180 mm	R0023D



Type 3

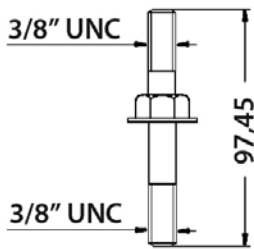
REF oil pump	Dimensions	REF repair kit
OP023E	A = 180 mm	R0023E

For any other engine part, please contact us !

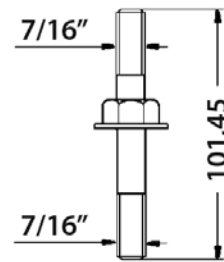


Cylinder head bolts used for CONTINENTAL engines

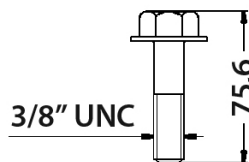
For other dimensions or models please contact us!



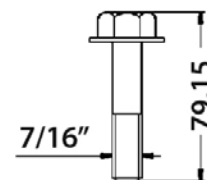
REF CB023A



REF CB023B



REF CB023C



REF CB023D

For any other engine part, please contact us !



NOTES

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Lined area for notes with horizontal dotted lines.



USED FOR
CUMMINS



Used for: **CUMMINS A2300**

Specifications: **Diesel · 4 cylinders · Bore: 88,00 mm**

In: **DOOSAN-DAEWOO**

REF	Qty/eng	Remarks
PP183002	4	
PC183002	8	
1SE183002STD	4	STD
PISE183002STD	4	STD, piston with rings
CH183002	4	Finished
IK183002	4	
UK183002	4	
KS183002	8	
KG183002	8	
1HL183002STD	5	STD
1HL183002025	5	0,250 mm undersize
AL183002STD	2	STD
AL183002010	2	0,100 mm oversize
1BL183002STD	4	STD
1BL183002025	4	0,250 mm undersize
PB183002	4	
1NL183002	1	
KP183002A	1	2 bolt acc drive cover
KP183002B	1	4 bolt acc drive cover
JC183002	1	
KA183002	8	
SV183002	1	
SA183002	1	
KD183002	1	
CB183002A	14	M11 x 97,0 mm, complete engine: CB183002A and CB183002B
CB183002B	4	M11 x 92,5 mm, complete engine: CB183002A and CB183002B
BB183002	8	

REF	Qty/eng	Remarks
OP183002	1	
WP183002	1	Total height: 117,0 mm Total length: 277,0 mm With gasket
NA183002	1	
NT183002	1	
KT183002	1	
TT183002	1	
OF183002	1	
GB183002	4	
IT183002	4	Complete injector

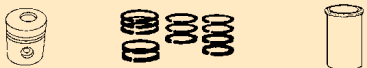
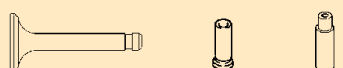
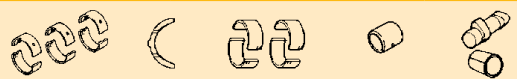
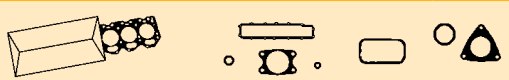


For any other engine part, please contact us !



Used for: CUMMINS B3.3 E

Specifications: Diesel · 4 cylinders · Bore: 95,00 mm

In: DOOSAN-DAEWOO, YALE, HYSTER

REF	Qty/eng	Remarks
		
PP183004	4	
PC183004	8	
1SE183004STD	4	STD
PISE183004STD	4	STD, with circlips
		
IK183004	4	
UK183004	4	
KS183004	8	
		
1HL183004STD	5	STD
2HL183004025	5	Undersize: 0,250 mm
2HL183004050	5	Undersize: 0,500 mm
2HL183004075	5	Undersize: 0,750 mm
2HL183004100	5	Undersize: 1,000 mm
AL183004STD	1	STD
AL183004025	1	0,250 mm oversize
AL183004050	1	0,500 mm oversize
AL183004075	1	0,750 mm oversize
AL183004100	1	1,000 mm oversize
BL183004STD	4	STD
BL183004025	4	Undersize: 0,250 mm
BL183004050	4	Undersize: 0,500 mm
BL183004075	4	Undersize: 0,750 mm
BL183004100	4	Undersize: 1,000 mm
		
KP183004	1	
JC183004	1	
		
KA183004	8	
SV183004	1	
SA183004	1	
KD183004A	1	
KD183004B	3	Gasket under bolts
		
CB183004	17	M12 x 56,0 mm
BB183004	8	

REF	Qty/eng	Remarks
		
OP183004	1	
		
WP183004	1	Total height: 135,0 mm Total length: 354,0 mm
		
		
NA183004	1	With gear
NT183004	1	
KT183004	1	
TT183004	1	
		
OF183004	1	

For any other engine part, please contact us !



Used for: **CUMMINS B4.5RGT**

Specifications: **Diesel · 4 cylinders · Bore: 102,00 mm**

In: **YALE, HYSTER**

REF	Qty/ eng	Remarks
		
PP183003	4	
PC183003	8	
1SE183003STD	4	STD
PISE183003STD	4	STD
CH183003	4	Semi-finished
		
IK183003	8	With collets
UK183003	8	With collets
KS183003	8	
		
1HL183003STDA	4	STD
1HL183003025A	4	0,250 mm undersize
1HL183003050A	4	0,500 mm undersize
1HL183003075A	4	0,750 mm undersize
1HL183003100A	4	1,000 mm undersize
1HL183003STDB	4	STD
1HL183003025B	4	0,250 mm undersize
1HL183003050B	4	0,500 mm undersize
1HL183003075B	4	0,750 mm undersize
1HL183003100B	4	1,000 mm undersize
1AL183003STDA	1	STD
1AL183003025A	1	0,250 mm undersize
1AL183003050A	1	0,500 mm undersize
1AL183003075A	1	0,750 mm undersize
1AL183003100A	1	1,000 mm undersize
1AL183003STDB	1	STD
1AL183003025B	1	0,250 mm undersize
1AL183003050B	1	0,500 mm undersize
1AL183003075B	1	0,750 mm undersize
1AL183003100B	1	1,000 mm undersize
1BL183003STDA	4	STD
1BL183003025A	4	0,250 mm undersize
1BL183003050A	4	0,500 mm undersize
1BL183003075A	4	0,750 mm undersize
1BL183003100A	4	1,000 mm undersize
1BL183003STDB	4	STD
1BL183003025B	4	0,250 mm undersize
1BL183003050B	4	0,500 mm undersize
1BL183003075B	4	0,750 mm undersize
1BL183003100B	4	1,000 mm undersize
PB183003	4	

REF	Qty/ eng	Remarks
NL183003	1	
		
BP183003	1	With cylinder head gasket
CP183003	1	
JC183003	1	
		
KA183003	16	
SV183003	1	
SA183003	1	
KD183003A	1	Upper
KD183003B	1	Lower
		
CB183003	18	M12 x 129,5 mm
BB183003	8	
		
OP183003	1	
		
WP183003	1	Total height: 139,0 mm Total length: 165,0 mm
		
		
NA183003	1	
NT183003	1	
KT183003	1	
SK183003	1	
		
OF183003	1	
GB183003	1	Air heater starting aid
IT183003	4	Complete injector

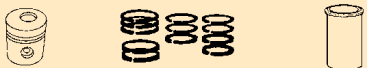

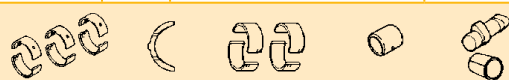
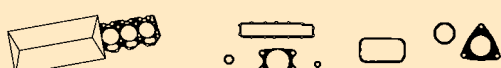

For any other engine part, please contact us !









Used for: **CUMMINS QSM11**

Specifications: **Diesel · 6 cylinders · Bore: 125,00 mm · In: HYSTER, YALE, KALMAR, LINDE, TAYLOR, HOIST, MAFI, TEREX, CVS-FERRARI, TOYOTA CONTAINER HANDLER, HYUNDAI EXCAVATOR, CASE, SMV**

Used for: **CUMMINS**

REF	Qty/ eng	Remarks
		
PP183001	6	
PC183001	12	
1SE183001STD	6	STD
PISE183001STD	6	STD
CH183001	6	Finished
		
IK183001	12	With collets
UK183001	12	With collets
KG183001	24	
		
HL183001STD	1	STD thrust washers included
HL183001025	1	0,250 mm undersize thrust washers included
HL183001050	1	0,500 mm undersize thrust washers included
HL183001075	1	0,750 mm undersize thrust washers included
HL183001100	1	1,000 mm undersize thrust washers included
1BL183001STD	12	STD
1BL183001025	12	0,250 mm undersize
1BL183001050	12	0,500 mm undersize
1BL183001075	12	0,750 mm undersize
1BL183001100	12	1,000 mm undersize
PB183001	6	
NL183001	7	
		
BP183001	1	With JC
CP183001	1	
JC183001	1	
KA183001	24	
SV183001	1	
SA183001	1	Dry clutch
KD183001A	1	Upper, included in BP
KD183001B	1	Lower, included in BP

REF	Qty/ eng	Remarks
		
CB183001SET	1	Complete set cylinder head bolts
CB183001A	29	Length: 140,0 mm
CB183001B	3	Length: 71,0 mm
CB183001C	5	
VP183001	1	
BB183001	12	
		
OP183001	1	
WP183001	1	Total height: 187,0 mm Total length: 236,0 mm With gasket
		
		
NA183001	1	
NT183001	1	
KT183001	1	
TT183001A	1	Camshaft idler gear
TT183001B	1	Water pump idler gear
		
OF183001	1	
IT183001	6	Complete fuel injector 246 kW

For any other engine part, please contact us !



NOTES

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Lined area for notes with horizontal dotted lines.



USED FOR
DEUTZ



Used for: **DEUTZ BF4M1012E**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **STILL, KALMAR, FENDT, DEUTZ FAHR**

REF	Qty/eng	Remarks
PP380016	4	
PC380016	4	
1SE380016STD	4	STD
1SE380016050	4	0,500 mm oversize
PISE380016STD	4	STD
PISE380016050	4	0,500 mm oversize
IK380016	4	
UK380016	4	
KS380016A	8	Dia: 18,0 mm
KS380016B	8	Dia: 20,0 mm
KG380016	8	
2HL380016STD	5	STD
2HL380016025	5	0,250 mm undersize
AL380016STD	1	STD
AL380016020	1	0,200 mm oversize
BL380016STD	4	STD
BL380016025	4	0,250 mm undersize
PB380016	4	
1NL380016A	4	
1NL380016B	1	
KP380016	1	Without cylinder head gasket and sump gasket
JC380016A	1	1 notch, thickness: 1,54 mm
JC380016B	1	2 notches, thickness: 1,64 mm
JC380016C	1	3 notches, thickness: 1,74 mm

REF	Qty/eng	Remarks
KA380016	8	
SV380016	1	
SA380016	1	
KD380016	1	
CB380016A	5	
CB380016B	13	
BB380016	8	
OP380016	1	With front crankshaft seal
WP380016	1	Total height: 117,0 mm Total length: 204,0 mm
NA380016	1	
OF380016	1	
GB380016	4	
IT380016	4	

For any other engine part, please contact us !



Used for: **DEUTZ BF4M1012EC**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **STILL, FENDT, DEUTZ FAHR**

REF	Qty/eng	Remarks
PP380017	4	
PC380017	4	
1SE380017STD	4	STD
1SE380017050	4	0,500 mm oversize
PISE380017STD	4	STD
PISE380017050	4	0,500 mm oversize
IK380017	4	
UK380017	4	
KS380017A	8	Dia: 18,0 mm
KS380017B	8	Dia: 20,0 mm
KG380017	8	
2HL380017STD	5	STD
2HL380017025	5	0,250 mm undersize
AL380017STD	1	STD
AL380017020	1	0,200 mm oversize
BL380017STD	4	STD
BL380017025	4	0,250 mm undersize
PB380017	4	
1NL380017A	4	
1NL380017B	1	
KP380017	1	Without cylinder head gasket and sump gasket
JC380017A	1	1 notch, thickness: 1,54 mm
JC380017B	1	2 notches, thickness: 1,64 mm
JC380017C	1	3 notches, thickness: 1,74 mm

REF	Qty/eng	Remarks
KA380017	8	
SV380017	1	
SA380017	1	
KD380017	1	
CB380017A	5	
CB380017B	13	
BB380017	8	
OP380017	1	With front crankshaft seal
WP380017	1	Total height: 117,0 mm Total length: 204,0 mm With gasket
NA380017	1	
OF380017	1	
GB380017	4	
IT380017	4	

Used for: DEUTZ

For any other engine part, please contact us !



Used for: **DEUTZ BF4M2012**

Specifications: **Diesel · 4 cylinders · Bore: 101,00 mm**

In: **JLG, DANTRUCK, MERLO**

REF	Qty/eng	Remarks
PP380018	4	
PC380018	8	
1SE380018STD	4	STD
1SE380018050	4	0,500 mm oversize
PISE380018STD	4	STD
PISE380018050	4	0,500 mm oversize
IK380018	4	
UK380018	4	
KS380018	8	
2HL380018STD	5	STD
2HL380018025	5	0.250 mm undersize
2AL380018STDA	2	Thickness: 2,00 mm x 14,00 mm
2AL380018020A	2	Thickness: 2,20 mm x 14,00 mm
2AL380018STDB	2	Thickness: 2,00 mm x 10,00 mm
2AL380018020B	2	Thickness: 2,20 mm x 10,00 mm
BL380018STD	4	STD
BL380018025	4	0,250 mm undersize
PB380018	4	
1NL380018A	4	Length: 17,5 mm
1NL380018B	1	Length: 23,7 mm
KP380018	1	Without cylinder head gasket, valve cover gasket and oil pan gasket
JC380018A	1	1 notch, thickness: 1,20 mm
JC380018B	1	2 notches, thickness: 1,30 mm

REF	Qty/eng	Remarks
JC380018C	1	3 notches, thickness: 1,30 mm
KA380018	8	
SV380018	1	
SA380018	1	
KD380018A	1	
KD380018B	1	
CB380018A	5	Length: 178,0 mm
CB380018B	13	Length: 108,0 mm
BB380018	8	
OP380018	1	
WP380018	1	Total height: 144,3 mm Total length: 172,0 mm With gasket
NA380018	1	
OF380018	1	
IT380018	4	

For any other engine part, please contact us !



Used for: **DEUTZ BF6M1012E**

Specifications: **Diesel · 6 cylinders · Bore: 94,00 mm**

In: **LINDE 353-01/353-02**

REF	Qty/ eng	Remarks
PP380006	6	
PC380006	12	
1SE380006STD	6	STD
1SE380006050	6	0,500 mm oversize
PISE380006STD	6	STD
PISE380006050	6	0,500 mm oversize
CH380006	6	Finished
IK380006	6	
UK380006	6	
KS380006A	12	Dia: 18,0 mm
KS380006B	12	Dia: 20,0 mm
2HL380006STD	7	STD
2HL380006025	7	0,250 mm undersize
2HL380006050	7	0,500 mm undersize
AL380006STD	1	STD thickness: 2,40 mm
AL380006020	1	0,200 mm undersize, thickness: 2,60 mm
BL380006STD	6	STD
BL380006025	6	0,250 mm undersize
BL380006050	6	0,500 mm undersize
PB380006	6	
NL380006	1	Complete engine set
1NL380006A	6	Length: 17,5 mm
1NL380006B	1	Length: 23,7 mm
KP380006	1	Without JC and KD
JC380006A	1	1 notch, thickness: 1,40 mm
JC380006B	1	2 notches, thickness: 1,50 mm

REF	Qty/ eng	Remarks
JC380006C	1	3 notches, thickness: 1,60 mm
KA380006	12	
SV380006	1	
SA380006	1	
KD380006A	1	Up to manufacturing date 30/09/2003
KD380006B	1	From manufacturing date 01/10/2003
CB380006A	7	Total length: 190,5 mm
CB380006B	19	Total length: 121,0 mm
BB380006	12	
OP380006	1	
WP380006	1	Total height: 159,0 mm Total length: 282,0 mm
NA380006	1	
OF380006	1	
GB380006	6	
IT380006	6	

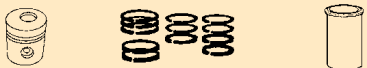
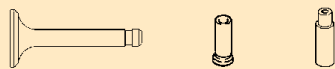
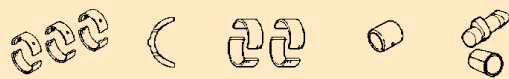
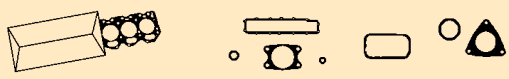



For any other engine part, please contact us !









Used for: **DEUTZ BF6M1013E**

Specifications: **Diesel · 6 cylinders · Bore: 108,00 mm**

In: **AGRI**

REF	Qty/eng	Remarks
		
PP380008	6	
PC380008	12	
1SE380008STD	6	STD
PISE380008STD	6	STD
CH380008	6	Finished liner
		
IK380008	6	
UK380008	6	
KS380008	12	
KG380008	12	
		
2HL380008STD	7	STD
2HL380008025	7	0,250 mm undersize
2HL380008050	7	0,500 mm undersize
1AL380008STD	2	STD, thickness 2,90 mm
1AL380008020	2	0,200 mm undersize Thickness 3,10 mm
BL380008STD	6	STD
BL380008025	6	0,250 mm undersize
BL380008050	6	0,500 mm undersize
PB380008	6	
NL380008	1	Complete engine set
1NL380008A	6	65,1 x 69,0 x 21,7 mm
1NL380008B	1	65,0 x 69,0 x 27,0 mm
		
KP380008	1	Without JC and KD
JC380008A	1	1 notch, thickness: 1,40 mm
		
JC380008B	1	2 notches, thickness: 1,50 mm
		
JC380008C	1	3 notches, thickness: 1,60 mm
		

REF	Qty/eng	Remarks
KA380008	12	
SV380008	1	
SA380008	1	
KD380008A	1	Up to manufacturing date 31/03/2004
KD380008B	1	From manufacturing date 01/04/2004
		
CB380008	26	
BB380008	12	
		
OP380008	1	
		
WP380008	1	Total height: 117,0 mm Total length: 204,0 mm
		
		
NA380008	1	
		
OF380008	1	
GB380008	6	
IT380008	6	

For any other engine part, please contact us !



Used for: **DEUTZ BF6M2012**

Specifications: **Diesel · 6 cylinders · Bore: 101,00 mm**

In: **LINDE 353-03**

REF	Qty/ eng	Remarks
PP380007	6	
PC380007	12	
1SE380007STD	6	STD
1SE380007050	6	0,500 mm oversize
PISE380007STD	6	STD
PISE380007050	6	0,500 mm oversize
IK380007	6	
UK380007	6	
KS380007	12	
2HL380007STD	7	STD
2HL380007025	7	0,250 mm undersize
1AL380007STDA	2	Thickness: 2,0 mm X: 14,0 mm
1AL380007020A	2	Thickness: 2,2 mm X: 14,0 mm
1AL380007STDB	2	Thickness: 2,0 mm X: 10,0 mm
1AL380007020B	2	Thickness: 2,2 mm X: 10,0 mm
BL380007STD	6	STD
BL380007025	6	0,250 mm undersize
PB380007	1	
NL380007	1	Complete engine set
1NL380007A	6	Length: 17,5 mm
1NL380007B	1	Length: 23,7 mm
KP380007	1	Without JC, KD and oil pan gasket
JC380007A	1	1 notch, thickness: 1,20 mm
JC380007B	1	2 notches, thickness: 1,30 mm

REF	Qty/ eng	Remarks
JC380007C	1	3 notches, thickness: 1,40 mm
KA380007	12	
SV380007	1	
SA380007	1	
KD380007A	1	Up to manufacturing date 30/09/2003
KD380007B	1	From manufacturing date 01/10/2003
CB380007A	7	Total length: 190,5 mm
CB380007B	19	Total length: 121,0 mm
BB380007	12	
OP380007	1	
WP380007	1	Total height: 110,0 mm Total length: 133,0 mm
NA380007	1	
OF380007	1	
GB380007	1	Intake heater
IT380007	6	

For any other engine part, please contact us !



Used for: **DEUTZ F2L2011**

Specifications: **Diesel · 2 cylinders · Bore: 94,00 mm**

In: **JLG, HAULOTTE, BENFORD, TEREX**

REF	Qty/ eng	Remarks
PP380012	2	Included in piston and ring set
PC380012	4	Included in piston and ring set
1SE380012STD	2	STD
1SE380012050	2	0,500 mm oversize
PISE380012STDA	2	STD, compression class: A
PISE380012050A	2	0,500 mm oversize, compression class: A
PISE380012STDB	2	STD, compression class: B
PISE380012050B	2	0,500 mm oversize, compression class: B
IK380012	2	
UK380012	2	
KS380012	4	
KG380012	4	
2HL380012STD	3	STD
2HL380012025	3	0,250 mm undersize
2HL380012050	3	0,500 mm undersize
2AL380012STD	1	STD
2AL380012020	1	0,200 mm undersize
BL380012STD	2	STD
BL380012025	2	0,250 mm undersize
BL380012050	2	0,500 mm undersize
PB380012STD	2	STD
PB380012025	2	0,250 mm undersize
1NL380012A	2	58,0 x 54,0 x 23,3 mm
1NL380012B	1	58,0 x 54,0 x 16,7 mm
KP380012	1	Without cylinder head gasket
BP380012	1	Without cylinder head gasket
JC380012A	1	Thickness: 1,48 mm, notches: 1

REF	Qty/ eng	Remarks
JC380012B	1	Thickness: 1,55 mm, notches: 2
JC380012C	1	Thickness: 1,60 mm, notches: 3
KA380012	4	
SV380012	1	
SA380012	1	
KD380012	1	
CB380012	6	M14 x 150,0 mm
OP380012	1	
NA380012	1	
NT380012	1	
KT380012	1	
SK380012	1	
DR380012	1	
OF380012	1	
IT380012	1	

For any other engine part, please contact us !



Used for: **DEUTZ F3L1011**

Specifications: **Diesel · 3 cylinders · Bore: 91,00 mm**

In: **JLG, GENIE, SNORKEL, HAULOTTE, TEREX**

REF	Qty/ eng	Remarks
PP380013	3	Included in piston and ring set
PC380013	6	Included in piston and ring set
1SE380013	3	
PISE380013STDA	3	STD, compression class: A
PISE380013STDB	3	STD, compression class: B
PISE380013STDC	3	STD, compression class: C
CH380013	3	Slip-fit
IK380013	3	
UK380013	3	
KS380013	6	
KG380013	6	
2HL380013STD	4	STD
2HL380013025	4	0,250 mm undersize
2HL380013050	4	0,500 mm undersize
2AL380013STD	1	STD
2AL380013020	1	0,200 mm undersize
BL380013STD	3	STD
BL380013025	3	0,250 mm undersize
BL380013050	3	0,500 mm undersize
PB380013STD	3	STD
PB380013025	3	0,250 mm undersize
1NL380013A	2	51,0 x 55,0 x 23,3 mm
1NL380013B	2	50,0 x 55,0 x 16,7 mm
JC380013A	1	Thickness: 1,48 mm, notches: 1
JC380013B	1	Thickness: 1,55 mm, notches: 2

REF	Qty/ eng	Remarks
JC380013C	1	Thickness: 1,60 mm, notches: 3
KA380013	6	
SV380013	1	
SA380013	1	
KD380013	1	
CB380013	8	M14 x 185,5 mm
BB380013	6	
BM380013	6	
OP380013	1	
NA380013	1	
NT380013	1	
KT380013	1	
SK380013	1	
DR380013	1	
OF380013	1	
IT380013	3	



Used for: **DEUTZ F3L1011F**

Specifications: **Diesel · 3 cylinders · Bore: 91,00 mm**

In: **JLG, GENIE, SNORKEL, HAULOTTE, SKYJACK**

REF	Qty/eng	Remarks
PP380014	3	Included in piston and ring set
PC380014	6	Included in piston and ring set
1SE380014	3	
PISE380014STDAA	3	STD, compression class: A
PISE380014STDAB	3	STD, compression class: B
PISE380014STDAC	3	STD, compression class: C
PISE380014STDBA	3	STD, compression class: A
PISE380014STDBB	3	STD, compression class: B
PISE380014STDBC	3	STD, compression class: C
CH380014	3	
IK380014	3	
UK380014	3	
KS380014	6	
KG380014	6	
2HL380014STD	4	STD
2HL380014025	4	0,250 mm undersize
2HL380014050	4	0,500 mm undersize
2AL380014STD	1	STD
2AL380014020	1	0,200 mm undersize
BL380014STD	3	STD
BL380014025	3	0,250 mm undersize
BL380014050	3	0,500 mm undersize
PB380014STD	3	STD
PB380014025	3	0,250 mm undersize
1NL380014A	2	58,0 x 54,0 x 23,3 mm
1NL380014B	2	58,0 x 54,0 x 16,7 mm
BP380014	1	Without cylinder head gasket
CP380014	1	Without oil pan gasket
JC380014A	1	Thickness: 1,48 mm, notches: 1

REF	Qty/eng	Remarks
JC380014B	1	Thickness: 1,55 mm, notches: 2
JC380014C	1	Thickness: 1,60 mm, notches: 3
KA380014	6	
SV380014	1	
SA380014	1	
KD380014	1	
CB380014	8	M14 x 150,0 mm
BB380014	6	
BM380014	6	
OP380014	1	
NA380014	1	
NT380014	1	
KT380014	1	
SK380014	1	
DR380014	1	
OF380014	1	
IT380014	3	

For any other engine part, please contact us !



Used for: **DEUTZ F3L2011**

Specifications: **Diesel · 3 cylinders · Bore: 94,00 mm**

In: **JLG, GENIE, SNORKEL, HAULOTTE, UPRIGHT, FORD**

REF	Qty/eng	Remarks
PP380015	3	Included in piston and ring set
PC380015	6	Included in piston and ring set
1SE380015STD	3	STD
1SE380015050	3	0,500 mm oversize
PISE380015STDA	3	STD, compression class: A
PISE380015050A	3	0,500 mm oversize, compression class: A
PISE380015STDB	3	STD, compression class: B
PISE380015050B	3	0,500 mm oversize, compression class: B
IK380015	3	
UK380015	3	
KS380015	6	
KG380015	6	
2HL380015STD	4	STD
2HL380015025	4	0,250 mm undersize
2HL380015050	4	0,500 mm undersize
2AL380015STD	1	STD
2AL380015020	1	0,200 mm undersize
BL380015STD	3	STD
BL380015025	3	0,250 mm undersize
BL380015050	3	0,500 mm undersize
PB380015STD	3	STD
PB380015025	3	0,250 mm undersize
1NL380015A	2	58,0 x 54,0 x 23,3 mm
1NL380015B	2	58,0 x 54,0 x 16,7 mm
KP380015	1	Without cylinder head gasket
BP380015	1	Without cylinder head gasket
JC380015A	1	Thickness: 1,48 mm, notches: 1

REF	Qty/eng	Remarks
JC380015B	1	Thickness: 1,55 mm, notches: 2
JC380015C	1	Thickness: 1,60 mm, notches: 3
KA380015	6	
SV380015	1	
SA380015	1	
KD380015	1	
CB380015	8	M14 x 150,0 mm
OP380015	1	
NA380015	1	
NT380015	1	
KT380015	1	
SK380015	1	
DR380015	1	
OF380015	1	
IT380015	1	



Used for: DEUTZ F3L912

Specifications: Diesel · 3 cylinders · Bore: 100,00 mm

In: LINDE

REF	Qty/eng	Remarks	
PISE380301STD	3	STD	
PISE380301050	3	0,500 mm oversize	
PISE380301100	3	1,000 mm oversize	
CH380301	3	Finished	
IK380301	3		
UK380301	3		
KS380301	6		
KG380301	6		
2HL380301STD	4	STD, shaft dia: 70,00 mm	
2HL380301025	4	0,250 mm undersize	
2HL380301050	4	0,500 mm undersize	
2HL380301075	4	0,750 mm undersize	
2HL380301100	4	1,000 mm undersize	
2AL380301STDA	1	STD, width: 11,4 mm	
2AL380301025A	1	0,250 mm undersize Width: 11,4 mm	
2AL380301STDB	1	STD, width: 7,8 mm	
2AL380301025B	1	0,250 mm undersize Width: 7,8 mm	
BL380301STD	3	STD, shaft dia: 59,97 mm	
BL380301025	3	0,250 mm undersize	
BL380301050	3	0,500 mm undersize	
BL380301075	3	0,750 mm undersize	
BL380301100	3	1,000 mm undersize	
PB380301	3		
1NL380301	1		
KP380301	1		
BP380301	3	For 1 cylinder	
KD380301	3	For 1 valve cover	
BB380301	6		

REF	Qty/eng	Remarks	
OP380301	1		
NT380301	1		
KT380301	1		
OF380301	1		
IT380301	3		

For any other engine part, please contact us !



Used for: **DEUTZ F3L912W**

Specifications: **Diesel · 3 cylinders · Bore: 100,00 mm**

In: **LINDE**

REF	Qty/eng	Remarks	
PISE380304STD	3	STD	
PISE380304050	3	0,500 mm oversize	
CH380304	3	Finished	
IK380304	3		
UK380304	3		
KS380304	6		
KG380304	6		
2HL380304STD	4	STD, shaft dia: 70,0 mm	
2HL380304025	4	0,250 mm undersize	
2HL380304050	4	0,500 mm undersize	
2HL380304075	4	0,750 mm undersize	
2HL380304100	4	1,000 mm undersize	
2AL380304STDA	1	STD, width: 11,4 mm	
2AL380304025A	1	0,250 mm undersize Width: 11,4 mm	
2AL380304STDB	1	STD, width: 7,8 mm	
2AL380304025B	1	0,250 mm undersize Width: 7,8 mm	
BL380304STD	3	STD, shaft dia: 59,97 mm	
BL380304025	3	0,250 mm undersize	
BL380304050	3	0,500 mm undersize	
BL380304075	3	0,750 mm undersize	
BL380304100	3	1,000 mm undersize	
PB380304	3		
1NL380304	1		
KP380304	1		
BP380304	3	For 1 cylinder	
KD380304	3	For 1 valve cover	
BB380304	6		

REF	Qty/eng	Remarks	
OP380304	1		
NT380304	1		
KT380304	1		
OF380304	1		
GB380304	3		
IT380304	3		

For any other engine part, please contact us !



Used for: **DEUTZ F3L913G**

Specifications: **Diesel · 3 cylinders · Bore: 102,00 mm**

In: **LINDE**

REF	Qty/ eng	Remarks	
PISE380001STDA	3	STD Height: 104,0 mm d: 42,0 mm	
PISE380001050A	3	0,500 mm oversize h: 104,0 mm d: 42,0 mm	
PISE380001STDB	3	STD Height: 123,0 mm d: 42,0 mm	
PISE380001STDC	3	STD Height: 123,0 mm d: 56,0 mm	
PISE380001050C	3	0,500 mm oversize h: 123,0 mm d: 56,0 mm	
CH380001STDA	3	Height: 210,0 mm finished	
CH380001STDB	3	Height: 222,0 mm finished	
IK380001	3		
UK380001	3		
KS380001	6		
KG380001	6		
2HL380001STD	4	STD	
2HL380001025	4	0,250 mm undersize	
2HL380001050	4	0,500 mm undersize	
2HL380001075	4	0,750 mm undersize	
2HL380001100	4	1,000 mm undersize	
2AL380001STDA	1	STD, width 11,4 mm	
2AL380001025A	1	0,250 mm undersize Width 11,4 mm	
2AL380001STDB	1	STD, width 7,8 mm	
2AL380001025B	1	0,250 mm undersize Width 7,8 mm	
BL380001STD	3	STD	
BL380001025	3	0,250 mm undersize	
BL380001050	3	0,500 mm undersize	
BL380001075	3	0,750 mm undersize	
BL380001100	3	1,000 mm undersize	
PB380001	3		
1NL380001	3		
KP380001	1		
BP380001	3	For 1 cylinder	
CP380001	1		

REF	Qty/ eng	Remarks	
1JC380001	3	For 1 cylinder	
DP380001	1		
SV380001	1		
SA380001	1		
KD380001	3	For 1 valve cover	
CB380001A	12	Length end to head: 195,0 mm	
CB380001B	12	Length end to head: 210,0 mm	
BB380001A	6	Length: 63,6 mm	
BB380001B	6	Length: 75,0 mm	
OP380001	1		
NA380001	1		
NT380001	1		
KT380001	1		
OF380001	1		
IT380001A	3	DLLA 146S 1007	
IT380001B	3	DLLA 150P 291	



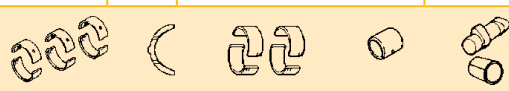
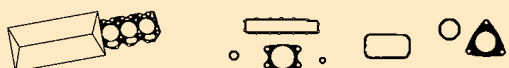


For any other engine part, please contact us !









Used for: **DEUTZ F3M2011**

Specifications: **Diesel · 3 cylinders · Bore: 94,00 mm**

In: **JLG**

REF	Qty/ eng	Remarks
		
PP380004	3	Included in PISE
PC380004	6	Included in PISE
1SE380004STD	3	STD
1SE38004050	3	0,500 mm oversize
PISE380004STDA	3	Compression class "A"
PISE380004050A	3	0,500 mm, compression class "A"
PISE380004STDB	3	Compression class "B"
PISE380004050B	3	0,500 mm, compression class "B"
		
IK380004	3	
UK380004	3	
KG380004	6	
		
2HL380004STD	4	STD shaft dia: 70,0 mm
2HL380004025	4	0,250 mm undersize
2HL380004050	4	0,500 mm undersize
AL380004STD	1	STD, thickness: 2,40 mm
AL380004020	1	0,200 mm undersize Thickness: 2,60 mm
BL380004STD	3	STD shaft dia: 55,0 mm
BL380004025	3	0,250 mm undersize
BL380004050	3	0,500 mm undersize
PB380004STD	3	STD
PB380004025	3	0,250 mm undersize
		
KP380004	1	Without JC and oil pan gasket, with oil seals
BP380004	1	Without JC
JC380004A	1	1 notch, thickness: 1,48 mm 
JC380004B	1	2 notches, thickness: 1,55 mm 

REF	Qty/ eng	Remarks
JC380004C	1	3 notches, thickness: 1,60 mm 
KA380004	6	
SV380004A	1	
SV380004B	1	Metering unit seal
SA380004	1	
KD380004	1	Included in KP
		
CB380004	8	
BB380004A	8	Up to manufacturing date 31/05/2009, M10 x 1,0 x 58,5 mm
BB380004B	8	From manufacturing date 01/06/2009, M10 x 1,0 x 55,0 mm
		
OP380004	1	
		
NA380004	1	
NT380004	1	
KT380004	1	
DR380004	1	
		
OF380004	1	
GB380004	3	
IT380004	3	

For any other engine part, please contact us !




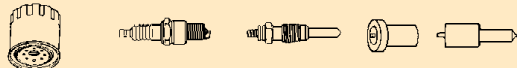


Used for: DEUTZ F4L912

Specifications: Diesel · 4 cylinders · Bore: 100,00 mm

In: LINDE

REF	Qty/eng	Remarks	
			
PISE380302STD	4	STD	
PISE380302050	4	0,500 mm oversize	
PISE380302100	4	1,000 mm oversize	
CH380302	4	Finished	
			
IK380302	4		
UK380302	4		
KS380302	8		
KG380302	8		
			
2HL380302STD	5	STD, shaft dia: 70,00 mm	
2HL380302025	5	0,250 mm undersize	
2HL380302050	5	0,500 mm undersize	
2HL380302075	5	0,750 mm undersize	
2HL380302100	5	1,000 mm undersize	
2AL380302STDA	1	STD, width: 11,4 mm	
2AL380302025A	1	0,250 mm undersize Width: 11,4 mm	
2AL380302STDB	1	STD, width: 7,8 mm	
2AL380302025B	1	0,250 mm undersize Width: 7,8 mm	
BL380302STD	4	STD, shaft dia: 59,97 mm	
BL380302025	4	0,250 mm undersize	
BL380302050	4	0,500 mm undersize	
BL380302075	4	0,750 mm undersize	
BL380302100	4	1,000 mm undersize	
PB380302	4		
1NL380302	1		
			
KP380302	1		
BP380302	4	For 1 cylinder	
KD380302	4	For 1 valve cover	
			
BB380302	8		

REF	Qty/eng	Remarks	
			
OP380302	1		
			
NT380302	1		
KT380302	1		
			
OF380302	1		
IT380302	4		

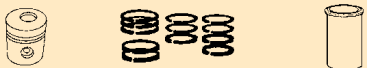
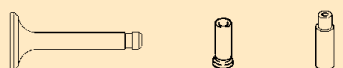
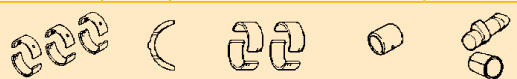
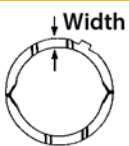
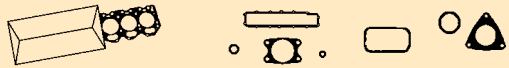

For any other engine part, please contact us !







Used for: **DEUTZ F4L912W**

Specifications: **Diesel · 4 cylinders · Bore: 100,00 mm**

In: **LINDE**

REF	Qty/ eng	Remarks	
			
PISE380305STD	4	STD	
PISE380305050	4	0,500 mm oversize	
CH380305	4	Finished	
			
IK380305	4		
UK380305	4		
KS380305	8		
KG380305	8		
			
2HL380305STD	5	STD, shaft dia: 70,0 mm	
2HL380305025	5	0,250 mm undersize	
2HL380305050	5	0,500 mm undersize	
2HL380305075	5	0,750 mm undersize	
2HL380305100	5	1,000 mm undersize	
2AL380305STDA	1	STD, width: 11,4 mm	
2AL380305025A	1	0,250 mm undersize Width: 11,4 mm	
2AL380305STDB	1	STD, width: 7,8 mm	
2AL380305025B	1	0,250 mm undersize Width: 7,8 mm	
BL380305STD	4	STD, shaft dia: 59,97 mm	
BL380305025	4	0,250 mm undersize	
BL380305050	4	0,500 mm undersize	
BL380305075	4	0,750 mm undersize	
BL380305100	4	1,000 mm undersize	
PB380305	4		
1NL380305	1		
			
KP380305	1		
BP380305	4	For 1 cylinder	
KD380305	4	For 1 valve cover	
			
BB380305	8		

REF	Qty/ eng	Remarks	
			
OP380305	1		
			
NT380305	1		
KT380305	1		
			
OF380305	1		
GB380305	4		
IT380305	4		

For any other engine part, please contact us !



Used for: **DEUTZ F4M2011**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **JLG**

REF	Qty/ eng	Remarks
PP380005	4	Included in PISE
PC380005	8	Included in PISE
1SE380005STD	4	STD
1SE380005050	4	0,500 mm oversize
PISE380005STDA	4	STD, compression class "A"
PISE380005050A	4	0,500 mm oversize, compression class "A"
PISE380005STDB	4	STD, compression class "B"
PISE380005050B	4	0,500 mm oversize, compression class "B"
IK380005	4	
UK380005	4	
KS380005	8	
KG380005	8	
2HL380005STD	5	STD shaft dia: 70,00 mm
2HL380005025	5	0,250 mm undersize
2HL380005050	5	0,500 mm undersize
AL380005STD	1	STD, thickness: 2,40 mm
AL380005020	1	0,200 mm undersize Thickness: 2,60 mm
BL380005STD	4	STD shaft dia: 55,00 mm
BL380005025	4	0,250 mm undersize
BL380005050	4	0,500 mm undersize
PB380005STD	4	STD
PB380005025	4	0,250 mm undersize
1NL380005A	2	58,00 mm x 54,00 mm x 23,30 mm
1NL380005B	3	58,00 mm x 54,00 mm x 16,70 mm
KP380005	1	Without JC and oil pan gasket, with oil seals
BP380005	1	
JC380005A	1	1 notch, thickness: 1,48 mm

REF	Qty/ eng	Remarks
JC380005B	1	2 notches, thickness: 1,55 mm
JC380005C	1	3 notches, thickness: 1,60 mm
KA380005	8	
SV380005A	1	
SV380005B	1	Metering unit seal
SA380005	1	
KD380005	1	Included in KP
CB380005	10	M14 x 150,0 mm
BB380005A	8	Up to manufacturing date 31/05/2009, M10 x 1,0 x 58,5 mm
BB380005B	8	From manufacturing date 01/06/2009, M10 x 1,0 x 55,0 mm
OP380005	1	
NA380005	1	
NT380005	1	
KT380005	1	
SK380005	1	
DR380005	1	With tensioner
OF380005	1	
IT380005	4	

For any other engine part, please contact us !



Used for: **DEUTZ F6L912**

Specifications: **Diesel · 6 cylinders · Bore: 100,00 mm**

In: **LINDE**

REF	Qty/ eng	Remarks	
PISE380303STD	6	STD	
PISE380303050	6	0,500 mm oversize	
PISE380303100	6	1,000 mm oversize	
CH380303	6	Finished	
IK380303	6		
UK380303	6		
KS380303	12		
KG380303	12		
2HL380303STD	7	STD, shaft dia: 70,00 mm	
2HL380303025	7	0,250 mm undersize	
2HL380303050	7	0,500 mm undersize	
2HL380303075	7	0,750 mm undersize	
2HL380303100	7	1,000 mm undersize	
2AL380303STDA	1	STD, width: 11,4 mm	
2AL380303025A	1	0,250 mm undersize Width: 11,4 mm	
2AL380303STDB	1	STD, width: 7,8 mm	
2AL380303025B	1	0,250 mm undersize Width: 7,8 mm	
BL380303STD	8	STD, shaft dia: 59,97 mm	
BL380303025	8	0,250 mm undersize	
BL380303050	8	0,500 mm undersize	
BL380303075	8	0,750 mm undersize	
BL380303100	8	1,000 mm undersize	
PB380303	8		
1NL380303	1		
KP380303	1		
BP380303	6	For 1 cylinder	
KD380303	6	For 1 valve cover	
BB380303	12		

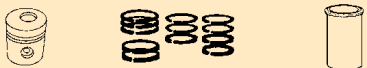
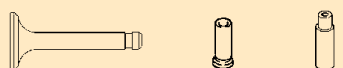
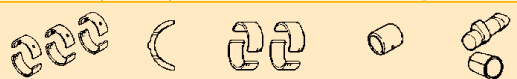
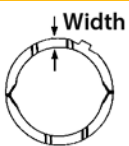
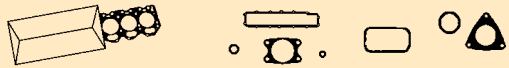

REF	Qty/ eng	Remarks	
OP380303	1		
NT380303	1		
KT380303	1		
OF380303	1		
IT380303	6		




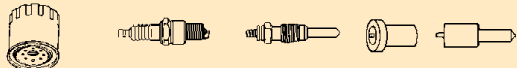


Used for: **DEUTZ F6L912W**

Specifications: **Diesel · 6 cylinders · Bore: 100,00 mm**

In: **LINDE**

REF	Qty/eng	Remarks	
			
PISE380306STD	6	STD	
PISE380306050	6	0,500 mm oversize	
CH380306	6	Finished	
			
IK380306	6		
UK380306	6		
KS380306	12		
KG380306	12		
			
2HL380306STD	7	STD, shaft dia: 70,00 mm	
2HL380306025	7	0,250 mm undersize	
2HL380306050	7	0,500 mm undersize	
2HL380306075	7	0,750 mm undersize	
2HL380306100	7	1,000 mm undersize	
2AL380306STDA	1	STD, width: 11,4 mm	
2AL380306025A	1	0,250 mm undersize Width: 11,4 mm	
2AL380306STDB	1	STD, width: 7,8 mm	
2AL380306025B	1	0,250 mm undersize Width: 7,8 mm	
BL380306STD	6	STD, shaft dia: 59,97 mm	
BL380306025	6	0,250 mm undersize	
BL380306050	6	0,500 mm undersize	
BL380306075	6	0,750 mm undersize	
BL380306100	6	1,000 mm undersize	
PB380306	6		
1NL380306	1		
			
KP380306	1		
BP380306	6	For 1 cylinder	
KD380306	6	For 1 valve cover	
			
BB380306	12		

REF	Qty/eng	Remarks	
			
OP380306	1		
			
NT380306	1		
KT380306	1		
			
OF380306	1		
GB380306	6		
IT380306	6		

For any other engine part, please contact us !



Used for: DEUTZ GF3L913

Specifications: **Gasoline** · **3 cylinders** · Bore: **102,00 mm**

In: **LINDE**

REF	Qty/ eng	Remarks	
PISE380002STD	3	STD	
CH380002	3	Finished	
IK380002	3		
UK380002	3		
KS380002	6		
IG380002	3		
UG380002	3		
2HL380002STD	4	STD	
2HL380002025	4	0,250 mm undersize	
2HL380002050	4	0,500 mm undersize	
2HL380002075	4	0,750 mm undersize	
2HL380002100	4	1,000 mm undersize	
2AL380002STDA	1	STD, width 11,4 mm	
2AL380002025A	1	0,250 mm undersize Width 11,4 mm	
2AL380002STDB	1	STD, width 7,8 mm	
2AL380002025B	1	0,250 mm undersize Width 7,8 mm	
BL380002STD	3	STD	
BL380002025	3	0,250 mm undersize	
BL380002050	3	0,500 mm undersize	
BL380002075	3	0,750 mm undersize	
BL380002100	3	1,000 mm undersize	
PB380002	3		
1NL380002	1		
KP380002	1		
BP380002	3	For 1 cylinder	
CP380002	1		
DP380002	1		
KA380002	3	Only on intake	
SV380002	1		
SA380002	1		
KD380002	3	For 1 valve cover	
BB380002A	6	Length: 63,6 mm	
BB380002B	6	Length: 75,0 mm	

REF	Qty/ eng	Remarks	
OP380002	1		
NA380002	1		
NT380002	1		
KT380002	1		
OF380002	1		
BO380002	3		

For any other engine part, please contact us !



NOTES

NOTES

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USED FOR
DOOSAN



Used for: **DOOSAN D24**

Specifications: **Diesel · 4 cylinders · Bore: 90,00 mm · Displacement: 2,392 l**

In: **BOBCAT E50, E85**

REF	Qty/eng	Remarks
PI954005A	4	Class A
PI954005B	4	Class B
PP954005	4	
PC954005	8	
1SE954005	4	
IK954005	8	
UK954005	8	
KS954005	8	
KG954005	16	
2HL954005A	5	Upper half, blue
2HL954005B	5	Upper half, red
2HL954005C	5	Upper half, yellow
2HL954005D	5	Lower half, blue
2HL954005E	5	Lower half, red
2HL954005F	5	Lower half, yellow
1AL954005STD	2	STD
BL954005STDA	4	STD, upper half
BL954005STDB	4	STD, lower half
NL954005	1	
KP954005	1	Head gasket not included
BP954005	1	
JC954005A	1	1 hole
JC954005B	1	2 holes

REF	Qty/eng	Remarks
JC954005C	1	3 holes
KA954005	16	
SV954005	1	75,0 x 60,0 x 11,0 mm Rubber-polytetrafluorethylene
SA954005	1	110,0 x 90,0 x 11,5 mm Rubber-polytetrafluorethylene
KD954005	1	
CB954005	18	
VP954005	1	
BB954005	8	
OP954005	1	
WP954005	1	Total height: 136,00 mm Total length: 203,00 mm Without gasket
NA954005	1	
NT954005	1	
KT954005	1	
TT954005	1	
OF954005	1	
GB954005	4	

For any other engine part, please contact us !



USED FOR
FIAT



Used for: FIAT 8035-05-359

Specifications: Diesel · 3 cylinders · Bore: 104,00 mm

In: OM-FIAT

REF	Qty/eng	Remarks
1SE260001STD	3	STD
1SE260001040	3	0,400 mm oversize
1SE260001080	3	0,800 mm oversize
PISE260001STD	3	STD
PISE260001040	3	0,400 mm oversize
PISE260001060	3	0,600 mm oversize
PISE260001080	3	0,800 mm oversize
CH260001STD	3	Semi-finished
CH260001020	3	0.020" oversize, semi-finished
IK260001	3	
UK260001	3	
KS260001STD	6	STD
KS260001010	6	0,100 mm oversize
KS260001020	6	0,200 mm oversize
KS260001030	6	0,300 mm oversize
KG260001STD	6	STD
KG260001020	6	0,200 mm oversize
2HL260001STD	4	STD
2HL2600010254	4	0,254 mm undersize
2HL2600010508	4	0,508 mm undersize
2HL2600010762	4	0,762 mm undersize
2HL2600011016	4	1,016 mm undersize
2AL260001STD	2	STD
2AL2600010127	2	0,127 mm undersize
2AL2600010254	2	0,254 mm undersize
2AL2600010508	2	0,508 mm undersize
BL260001STD	3	STD
BL2600010254	3	0,254 mm undersize
BL2600010508	3	0,508 mm undersize
BL2600010762	3	0,762 mm undersize
BL2600011016	3	1,016 mm undersize
PB260001	6	
1NL260001A	1	Front
1NL260001B	1	Middle
1NL260001C	1	Rear
KP260001	1	

REF	Qty/eng	Remarks
BP260001	1	
JC260001	1	
SV260001	1	
SA260001	1	
KD260001	1	
CB260001	14	
VP260001	1	
BB260001	6	
OP260001	1	
WP260001	1	Total height: 148,0 mm Total length: 174,0 mm
		Without gasket
NA260001	1	With gear
NT260001	1	
KT260001	1	
TT260001A	1	
TT260001B	1	
TT260001C	1	
OF260001	1	
GB260001	3	
IT260001	3	

For any other engine part, please contact us !

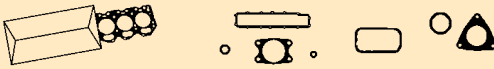
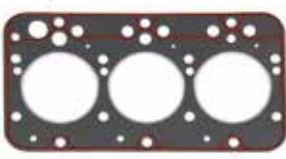


Used for: FIAT 8035.05 - AGRI

Specifications: Diesel · 3 cylinders · Bore: 104,00 mm

In: NEW HOLLAND

REF	Qty/ eng	Remarks
		
PI260007STDA	3	STD, pin dia: 32 mm
PI260007040A	3	0,400 mm oversize, pin dia: 32 mm
PI260007060A	3	0,600 mm oversize, pin dia: 32 mm
PI260007080A	3	0,800 mm oversize, pin dia: 32 mm
PI260007STDB	3	STD, pin dia: 38 mm
PI260007060B	3	0,600 mm oversize, pin dia: 38 mm
1SE260007STDA	3	STD, for piston A
1SE260007040A	3	0,400 mm oversize, for piston A
1SE260007060A	3	0,600 mm oversize, for piston A
1SE260007080A	3	0,800 mm oversize, for piston A
1SE260007STDB	3	STD, for piston B
1SE260007060B	3	0,600 mm oversize, for piston B
PISE260007STDA	3	STD, pin dia: 32 mm
PISE260007040A	3	0,400 mm oversize, pin dia: 32 mm
PISE260007060A	3	0,600 mm oversize, pin dia: 32 mm
PISE260007080A	3	0,800 mm oversize, pin dia: 32 mm
PISE260007STDB	3	STD, pin dia: 38 mm
PISE260007060B	3	0,600 mm oversize, pin dia: 38 mm
CH260007STD	3	Semi-finished
CH260007020	3	0,200 mm oversize
AS260007A	3	Includes piston A
AS260007B	3	Includes piston B
		
IK260007	3	
UK260007	3	
KS260007	6	
KG260007STD	6	STD
KG260007002	6	0,020 mm oversize
		
2HL260007STD	4	STD
2HL260007010	4	0.010" oversize
2HL260007020	4	0.020" oversize
2HL260007030	4	0.030" oversize
2HL260007040	4	0.040" oversize
AL260007STD	1	STD

REF	Qty/ eng	Remarks
AL260007005	1	0.005" oversize
AL260007010	1	0.010" oversize
AL260007020	1	0.020" oversize
BL260007STD	3	STD
BL260007010	3	0.010" oversize
BL260007020	3	0.020" oversize
BL260007030	3	0.030" oversize
BL260007040	3	0.040" oversize
PB260007A	3	Straight
PB260007B	3	Angular
NL260007	1	
		
KP260007A	1	4010S, 4030
KP260007B	1	TL65 (Brasil), 4635, L60,
KP260007C	1	TN55, TN65
KP260007D	1	TN55D, TN55S, TN65D, TN65S
KP260007E	1	TN55V, TN65N, TN65V
BP260007A	1	4010S, 4030
BP260007B	1	TL65 (Brasil), 4635, L60,
BP260007C	1	TN55, TN65,
BP260007D	1	TN55D, TN55S, TN65D, TN65S
BP260007E	1	TN55V, TN65N, TN65V
JC260007A	1	Thickness: 1,35 mm
		
JC260007B	1	Thickness: 1,55 mm
		
SV260007	1	
SA260007	1	
KD260007A	1	TT50 , TT55 , TD60 , TD60D Plus
KD260007B	1	
		
BB260007	6	

For any other engine part, please contact us !



Used for: FIAT

Used for: FIAT 8035.05 - AGRI

Specifications: Diesel • 3 cylinders • Bore: 104,00 mm

In: NEW HOLLAND

REF	Qty/ eng	Remarks
OP260007A	1	
OP260007B	1	
OP260007C	1	
WP260007A	1	
WP260007B	1	
WP260007C	1	
RW260007A	1	For WPA
RW260007B	1	For WPB
RW260007C	1	For WPC
KT260007A	1	
KT260007B	1	

REF	Qty/ eng	Remarks
IT260007A	3	DLLA 136S 1000
IT260007B	3	DLLA 138S 1112
IT260007C	3	DLLA 132P 1755
IT260007D	3	DLLA 132S 1320
IT260007E	3	DLLA 132S 1335
IT260007F	3	DLLA 132S 1384

For any other engine part, please contact us !



Used for: FIAT 8035.06 - AGRI

Specifications: Diesel · 3 cylinders · Bore: 100,00 mm

In: NEW HOLLAND

Used for: FIAT

REF	Qty/ eng	Remarks
PI260008STDA	3	STD, chamber depth: 22,7 mm
PI260008040A	3	0,400 mm oversize, chamber depth: 22,7 mm
PI260008060A	3	0,600 mm oversize, chamber depth: 22,7 mm
PI260008080A	3	0,800 mm oversize, chamber depth: 22,7 mm
PI260008STDB	3	STD, chamber depth: 20,2 mm
PI260008060B	3	0,600 mm oversize, chamber depth: 20,2 mm
1SE260008STDA	3	STD, for piston A
1SE260008040A	3	0,400 mm oversize, for piston A
1SE260008060A	3	0,600 mm oversize, for piston A
1SE260008080A	3	0,800 mm oversize, for piston A
1SE260008STDB	3	STD, for piston B
1SE260008060B	3	0,600 mm oversize, for piston B
PISE260008STDA	3	STD, chamber depth: 22,7 mm
PISE260008040A	3	0,400 mm oversize, chamber depth: 22,7 mm
PISE260008060A	3	0,600 mm oversize, chamber depth: 22,7 mm
PISE260008080A	3	0,800 mm oversize, chamber depth: 22,7 mm
PISE260008STDB	3	STD, chamber depth: 20,2 mm
PISE260008060B	3	0,600 mm oversize, chamber depth: 20,2 mm
CH260008STD	3	Semi-finished
CH260008020	3	0,200 mm oversize
AS260008A	3	Includes piston A
AS260008B	3	Includes piston B
IK260008	3	
UK260008	3	
KS260008	6	
KG260008STD	6	STD
KG260008002	6	0,020 mm oversize
2HL260008STD	4	STD
2HL260008010	4	0.010" oversize
2HL260008020	4	0.020" oversize

REF	Qty/ eng	Remarks
2HL260008030	4	0.030" oversize
2HL260008040	4	0.040" oversize
AL260008STD	1	STD
AL260008005	1	0.005" oversize
AL260008010	1	0.010" oversize
AL260008020	1	0.020" oversize
BL260008STD	3	STD
BL260008010	3	0.010" oversize
BL260008020	3	0.020" oversize
BL260008030	3	0.030" oversize
BL260008040	3	0.040" oversize
PB260008A	3	Straight
PB260008B	3	Angular
NL260008	1	
KP260008A	1	3010S, 3435, 3935, 4135, 3830
KP260008B	1	3010S Emissionized engine 3830 NASO TD55D
BP260008A	1	3010S, 3435, 3935, 4135, 3830
BP260008B	1	3010S Emissionized engine 3830 NASO TD55D
JC260008A	1	Thickness: 1,35 mm
JC260008B	1	Thickness: 1,55 mm
DP260008	1	
SV260008	1	
SA260008	1	
KD260008A	1	
KD260008B	1	
BB260008	6	

For any other engine part, please contact us !



Used for: FIAT

Used for: FIAT 8035.06 - AGRI

Specifications: **Diesel** · **3 cylinders** · Bore: **100,00 mm**

In: **NEW HOLLAND**

REF	Qty/ eng	Remarks
<u>OP260008</u>	1	
<u>WP260008A</u>	1	
<u>WP260008B</u>	1	
<u>RW260008A</u>	1	For WPA
<u>RW260008B</u>	1	For WPB
<u>KT260008A</u>	1	
<u>KT260008B</u>	1	
<u>IT260008A</u>	3	DLLA 124S 1001
<u>IT260008B</u>	3	DLLA 134S 1113
<u>IT260008C</u>	3	DLLA 132S 1335
<u>IT260008D</u>	3	DLLA 136S 1000
<u>IT260008E</u>	3	DLLA 138S 1112

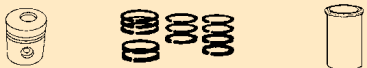


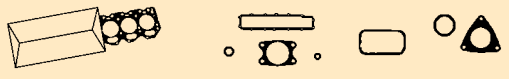
For any other engine part, please contact us !

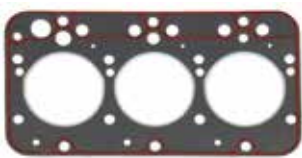









Used for: FIAT 8035.25 - AGRI

Specifications: Diesel · 3 cylinders · Bore: 104,00 mm

In: NEW HOLLAND

REF	Qty/eng	Remarks
		
PI260009STD	3	STD
PI260009060	3	0,600 mm oversize
1SE260009STD	3	STD
1SE260009060	3	0,600 mm oversize
PISE260009STD	3	STD
PISE260009060	3	0,600 mm oversize
CH260009STD	3	Semi-finished
CH260009020	3	0,200 mm oversize
AS260009	3	
		
IK260009	3	
UK260009	3	
KS260009	6	
KG260009STD	6	STD
KG260009002	6	0,020 mm oversize
		
2HL260009STD	4	STD
2HL260009010	4	0.010" oversize
2HL260009020	4	0.020" oversize
2HL260009030	4	0.030" oversize
2HL260009040	4	0.040" oversize
AL260009STD	1	STD
AL260009005	1	0.005" oversize
AL260009010	1	0.010" oversize
AL260009020	1	0,020" oversize
BL260009STD	3	STD
BL260009010	3	0.010" oversize
BL260009020	3	0.020" oversize
BL260009030	3	0.030" oversize
BL260009040	3	0.040" oversize
PB260009A	3	Straight
PB260009B	3	Angular
NL260009	1	
		
KP260009A	1	TN, TND, TNS
KP260009B	1	TNN, TNV

REF	Qty/eng	Remarks
JC260009A	1	Thickness: 1,35 mm 
JC260009B	1	Thickness: 1,55 mm 
DP260009A	1	
DP260009B	1	
SV260009	1	
SA260009	1	
KD260009A	1	
KD260009B	1	
		
BB260009	6	
		
OP260009A	1	
OP260009B	1	
OP260009C	1	
WP260009A	1	

For any other engine part, please contact us !






Used for: FIAT

Used for: FIAT 8035.25 - AGRI

Specifications: **Diesel** · **3 cylinders** · Bore: **104,00 mm**

In: **NEW HOLLAND**

REF	Qty/ eng	Remarks	
WP260009B	1		
RW260009A	1	For WPA	
RW260009B	1	For WPB	
			
KT260009A	1	Wide	
KT260009B	1	Small	
			
OF260009A	1		
OF260009B	1		
OF260009C	1		
IT260009	3	DLLA 132S 1320	

For any other engine part, please contact us !



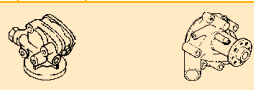



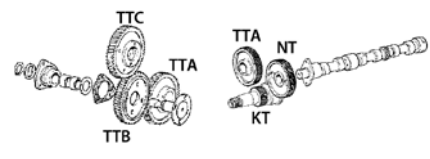
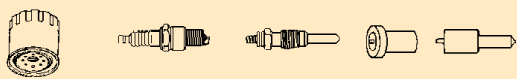


Used for: FIAT 8045-05-359

Specifications: Diesel · 4 cylinders · Bore: 104,00 mm

In: OM-FIAT

REF	Qty/ eng	Remarks
		
1SE260002STD	4	STD
1SE260002040	4	0,400 mm oversize
1SE260002080	4	0,800 mm oversize
PISE260002STD	4	STD
PISE260002040	4	0,400 mm oversize
PISE260002080	4	0,800 mm oversize
CH260002STD	4	STD, Semi-finished
CH260002020	4	0,020" oversize, semi-finished
		
IK260002	4	
UK260002	4	
KS260002STD	8	STD
KS260002010	8	0,100 mm oversize
KS260002020	8	0,200 mm oversize
KS260002030	8	0,300 mm oversize
KG260002STD	8	STD
KG260002020	8	0,200 mm oversize
		
2HL260002STD	5	STD
2HL2600020254	5	0,254 mm undersize
2HL2600020508	5	0,508 mm undersize
2HL2600020762	5	0,762 mm undersize
2HL2600021016	5	1,016 mm undersize
2AL260002STD	2	STD
2AL2600020127	2	0,127 mm undersize
2AL2600020254	2	0,254 mm undersize
2AL2600020508	2	0,508 mm undersize
BL260002STD	4	STD
BL2600020254	4	0,254 mm undersize
BL2600020508	4	0,508 mm undersize
BL2600020762	4	0,762 mm undersize
BL2600021016	4	1,016 mm undersize
PB260002	8	
1NL260002A	1	Front
1NL260002B	1	Middle
1NL260002C	1	Rear
		
KP260002	1	
BP260002	1	

REF	Qty/ eng	Remarks
JC260002	1	
SV260002	1	
SA260002	1	
KD260002	1	
		
CB260002	14	
VP260002	1	
BB260002	8	
		
OP260002	1	
WP260002	1	Total height: 148,0 mm Total length: 174,0 mm Without gasket 
		
NA260002	1	With gear
NT260002	1	
KT260002	1	
TT260002A	1	
TT260002B	1	
TT260002C	1	
		
OF260002	1	
GB260002	4	
IT260002	4	

For any other engine part, please contact us !

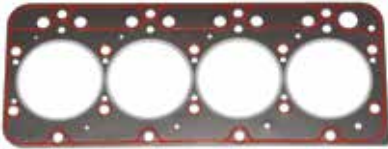



Used for: FIAT 8045.05 - AGRI

Specifications: Diesel · 4 cylinders · Bore: 104,00 mm

In: NEW HOLLAND

REF	Qty/ eng	Remarks
PI260010STDA	4	STD, pin dia: 32 mm
PI260010040A	4	0,400 mm oversize, pin dia: 32 mm
PI260010060A	4	0,600 mm oversize, pin dia: 32 mm
PI260010080A	4	0,800 mm oversize, pin dia: 32 mm
PI260010STDB	4	STD, pin dia: 38 mm
PI260010060B	4	0,600 mm oversize, pin dia: 38 mm
1SE260010STDA	4	STD, for piston A
1SE260010040A	4	0,400 mm oversize, for piston A
1SE260010060A	4	0,600 mm oversize, for piston A
1SE260010080A	4	0,800 mm oversize, for piston A
1SE260010STDB	4	STD, for piston B
1SE260010060B	4	0,600 mm oversize, for piston B
PISE260010STDA	4	STD, pin dia: 32 mm
PISE260010040A	4	0,400 mm oversize, pin dia: 32 mm
PISE260010060A	4	0,600 mm oversize, pin dia: 32 mm
PISE260010080A	4	0,800 mm oversize, pin dia: 32 mm
PISE260010STDB	4	STD, pin dia: 38 mm
PISE260010040B	4	0,400 mm oversize, pin dia: 38 mm
PISE260010060B	4	0,600 mm oversize, pin dia: 38 mm
PISE260010080B	4	0,800 mm oversize, pin dia: 38 mm
CH260010STD	4	Semi-finished
CH260010020	4	0,200 mm oversize
AS260010A	4	Includes piston A
AS260010B	4	Includes piston B
IK260010	4	
UK260010	4	
KS260010	8	
KG260010STD	8	STD
KG260010002	8	0,020 mm oversize
2HL260010STD	5	STD
2HL260010010	5	0.010" oversize

REF	Qty/ eng	Remarks
2HL260010020	5	0.020" oversize
2HL260010030	5	0.030" oversize
2HL260010040	5	0.040" oversize
AL260010STD	1	STD
AL260010005	1	0.005" oversize
AL260010010	1	0.010" oversize
AL260010020	1	0,020" oversize
BL260010STD	4	STD
BL260010010	4	0.010" oversize
BL260010020	4	0.020" oversize
BL260010030	4	0.030" oversize
BL260010040	4	0.040" oversize
PB260010A	4	Straight
PB260010B	4	Angular
NL260010	1	
KP260010A	1	
KP260010B	1	Comprehensive kit that covers 1940127, 1940164 and 1940165
KP260010C	1	Comprehensive kit that covers 1940183, 1931105 and 1931107
JC260010A	1	Thickness: 1,35 mm 
JC260010B	1	Thickness: 1,55 mm 
DP260010	1	
SV260010	1	
SA260010	1	
KD260010A	1	
KD260010B	1	
BB260010	8	

For any other engine part, please contact us !



Used for: FIAT 8045.05 - AGRI

Specifications: **Diesel** · **4 cylinders** · Bore: **104,00 mm**

In: **NEW HOLLAND**

REF	Qty/ eng	Remarks
OP260010	1	
WP260010A	1	
WP260010B	1	
WP260010C	1	
RW260010A	1	For WPA
RW260010B	1	For WPB
RW260010C	1	For WPC
KT260010	1	
IT260010A	4	DLLA 136S 1000
IT260010B	4	DLLA 138S 1112
IT260010C	4	DLLA 132S 1320
IT260010D	4	DLLA 132S 1335
IT260010E	4	DLLA 132P 1755
IT260010F	4	DLLLA 132S 1384

For any other engine part, please contact us !



Used for: FIAT 8045.06 - AGRI

Specifications: Diesel · 4 cylinders · Bore: 100,00 mm

In: NEW HOLLAND

REF	Qty/ eng	Remarks
PI260011STDA	4	STD, pin dia: 32 mm
PI260011040A	4	0,400 mm oversize, pin dia: 32 mm
PI260011060A	4	0,600 mm oversize, pin dia: 32 mm
PI260011080A	4	0,800 mm oversize, pin dia: 32 mm
PI260011STDB	4	STD, pin dia: 38 mm
PI260011060B	4	0,600 mm oversize, pin dia: 38 mm
1SE260011STDA	4	STD, for piston A
1SE260011040A	4	0,400 mm oversize, for piston A
1SE260011060A	4	0,600 mm oversize, for piston A
1SE260011080A	4	0,800 mm oversize, for piston A
1SE260011STDB	4	STD, for piston B
1SE260011060B	4	0,600 mm oversize, for piston B
PISE260011STDA	4	STD, pin dia: 32 mm
PISE260011040A	4	0,400 mm oversize, pin dia: 32 mm
PISE260011060A	4	0,600 mm oversize, pin dia: 32 mm
PISE260011080A	4	0,800 mm oversize, pin dia: 32 mm
PISE260011STDB	4	STD, pin dia: 38 mm
PISE260011060B	4	0,600 mm oversize, pin dia: 38 mm
CH260011STD	4	Semi-finished
CH260011020	4	0,200 mm oversize
AS260011A	4	Includes piston A
AS260011B	4	Includes piston B
IK260011	4	
UK260011	4	
KS260011	8	
KG260011STD	8	STD
KG260011002	8	0,020 mm oversize
2HL260011STD	5	STD
2HL260011010	5	0.010" oversize
2HL260011020	5	0.020" oversize
2HL260011030	5	0.030" oversize
2HL260011040	5	0.040" oversize
AL260011STD	1	STD

REF	Qty/ eng	Remarks
AL260011005	1	0.005" oversize
AL260011010	1	0.010" oversize
AL260011020	1	0,020" oversize
BL260011STD	4	STD
BL260011010	4	0.010" oversize
BL260011020	4	0.020" oversize
BL260011030	4	0.030" oversize
BL260011040	4	0.040" oversize
PB260011A	4	Straight
PB260011B	4	Angular
NL260011	1	
KP260011	1	
BP260011	1	
JC260011A	1	Thickness: 1,35 mm
JC260011B	1	Thickness: 1,55 mm
DP260011	1	
SV260011	1	
SA260011	1	
KD260011A	1	
BB260011	8	
OP260011A	1	

For any other engine part, please contact us !





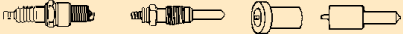


Used for: FIAT 8045.06 - AGRI

Specifications: **Diesel** · **4 cylinders** · Bore: **100,00 mm**

In: **NEW HOLLAND**

Used for: FIAT

REF	Qty/ eng	Remarks
WP260011A	1	
WP260011B	1	
RW260011A	1	For WPA
RW260011B	1	For WPB
		
KT260011	1	
		
IT260011A	4	DLLA 124S 1001
IT260011B	4	DLLA 134S 1113
IT260011C	4	DLLA 132S 1335



Used for: FIAT 8045.25 - AGRI

Specifications: Diesel · 4 cylinders · Bore: 104,00 mm

In: NEW HOLLAND

REF	Qty/ eng	Remarks
PI260012STDA	4	STD, grooves: 3,0 - 2,5 - 4,0 mm
PI260012060A	4	0,600 mm oversize, grooves: 3,0 - 2,5 - 4,0 mm
PI260012STDB	4	STD, grooves: 2,8 - 2,4 - 3,9 mm
PI260012060B	4	0,600 mm oversize, grooves: 2,8 - 2,4 - 3,9 mm
PI260012STDC	4	STD, grooves: 3,0 - 2,37 - 2,97 mm
PI260012040C	4	0,400 mm oversize, grooves: 3,0 - 2,37 - 2,97 mm
PI260012080C	4	0,800 mm oversize, grooves: 3,0 - 2,37 - 2,97 mm
1SE260012STDA	4	STD, for piston A
1SE260012060A	4	0,600 mm oversize, for piston A
1SE260012STDB	4	STD, for piston B
1SE260012060B	4	0,600 mm oversize, for piston B
1SE260012STDC	4	STD, for piston C
1SE260012040C	4	0,400 mm oversize, for piston C
1SE260012080C	4	0,800 mm oversize, for piston C
PISE260012STDA	4	STD, grooves: 3,0 - 2,5 - 4,0 mm
PISE260012060A	4	0,600 mm oversize, grooves: 3,0 - 2,5 - 4,0 mm
PISE260012STDB	4	STD, grooves: 2,8 - 2,4 - 3,9 mm
PISE260012060B	4	0,600 mm oversize, grooves: 2,8 - 2,4 - 3,9 mm
PISE260012STDC	4	STD, grooves: 3,0 - 2,37 - 2,97 mm
PISE260012040C	4	0,400 mm oversize, grooves: 3,0 - 2,37 - 2,97 mm
PISE260012080C	4	0,800 mm oversize, grooves: 3,0 - 2,37 - 2,97 mm
CH260012STD	4	Semi-Finished
AS260012A	4	Includes piston A
AS260012B	4	Includes piston B
AS260012C	4	Includes piston C
IK260012	4	
UK260012	4	
KS260012	8	
KG260012STD	8	STD
KG260012002	8	0,020 mm oversize

REF	Qty/ eng	Remarks
2HL260012STD	5	STD
2HL260012010	5	0.010" oversize
2HL260012020	5	0.020" oversize
2HL260012030	5	0.030" oversize
2HL260012040	5	0.040" oversize
AL260012STD	1	STD
AL260012005	1	0.005" oversize
AL260012010	1	0.010" oversize
AL260012020	1	0,020" oversize
BL260012STD	4	STD
BL260012010	4	0.010" oversize
BL260012020	4	0.020" oversize
BL260012030	4	0.030" oversize
BL260012040	4	0.040" oversize
PB260012A	4	Straight
PB260012B	4	Angular
PB260012C	4	Straight 8045.25K
PB260012D	4	Angular 8045.25K
NL260012	1	
KP260012A	1	TN, TND, TNS
KP260012B	1	TNN, TNV
BP260012	1	
JC260012A	1	Thickness: 1,35 mm
JC260012B	1	Thickness: 1,55 mm
SV260012	1	
SA260012	1	
KD260012A	1	
KD260012B	1	

For any other engine part, please contact us !



Used for: FIAT 8045.25 - AGRI

Specifications: **Diesel** · **4 cylinders** · Bore: **104,00 mm**

In: **NEW HOLLAND**

REF	Qty/ eng	Remarks
BB260012	8	
OP260012A	1	
OP260012B	1	
WP260012A	1	
WP260012B	1	
RW260012A	1	For WPA
RW260012B	1	For WPB
KT260012	1	
IT260012A	4	DLLA 137S 1208
IT260012B	4	DLLA 132S 1320
IT260012C	4	DLLA 138S 1112

For any other engine part, please contact us !



Used for: FIAT

Used for: FIAT 8055-05-250

Specifications: Diesel · 5 cylinders · Bore: 104,00 mm

In: OM-FIAT

REF	Qty/eng	Remarks
1SE260006STD	5	STD
1SE260006040	5	0.040" oversize
1SE260006080	5	0.080" oversize
PISE260006STD	5	STD
PISE260006040	5	0,400 mm oversize
PISE260006080	5	0,800 mm oversize
CH260006STD	5	STD, semi-finished
CH260006020	5	0.020" oversize, semi-finished
IK260006	5	
UK260006	5	
KS260006STD	10	STD
KS260006010	10	0,100 mm oversize
KS260006020	10	0,200 mm oversize
KS260006030	10	0,300 mm oversize
KG260006	10	
2HL260006STD	6	STD
2HL2600060254	6	0,254 mm undersize
2HL2600060508	6	0,508 mm undersize
2HL2600060762	6	0,762 mm undersize
2HL2600061016	6	1,016 mm undersize
2AL260006STD	2	STD
2AL2600060127	2	0,127 mm undersize
2AL2600060254	2	0,254 mm undersize
BL260006STD	5	STD
BL2600060254	5	0,254 mm undersize
BL2600060508	5	0,508 mm undersize
BL2600060762	5	0,762 mm undersize
BL2600061016	5	1,016 mm undersize
PB260006	10	
1NL260006A	1	Front
1NL260006B	1	Second
1NL260006C	1	Third
1NL260006D	1	Rear
KP260006	1	
BP260006	1	

REF	Qty/eng	Remarks
JC260006	1	
SV260006	1	
SA260006	1	
KD260006	1	
CB260006	14	
VP260006	1	
BB260006	10	
OP260006	1	
WP260006	1	Total height: 148,0 mm Total length: 174,0 mm Without gasket
NA260006	1	With gear
NT260006	1	
KT260006	1	
TT260006	1	
OF260006	2	
GB260006	5	
IT260006	5	

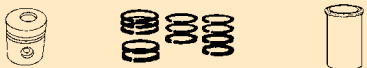
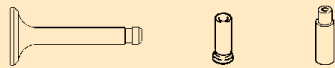
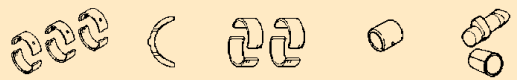
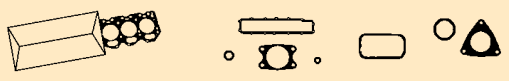

For any other engine part, please contact us !


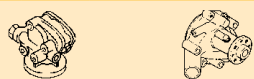


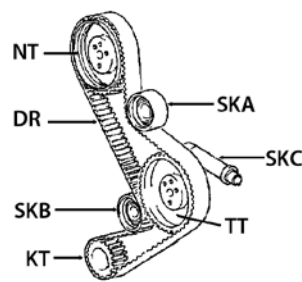



Used for: FIAT 8141-67-200

Specifications: Diesel · 4 cylinders · Bore: 93,00 mm

In: OM-FIAT

REF	Qty/ eng	Remarks
		
SE260003STD	1	STD
SE260003020	1	0,200 mm oversize
SE260003040	1	0,400 mm oversize
SE260003060	1	0,600 mm oversize
4PISE260003STD	1	STD
4PISE260003020	1	0,200 mm oversize
4PISE260003040	1	0,400 mm oversize
4PISE260003060	1	0,600 mm oversize
CH260003STD	4	STD, semi-finished
CH260003020	4	0.020" oversize
		
IK260003	4	
UK260003	4	
KS260003	8	
IG260003STD	4	STD
IG260003005	4	0,050 mm oversize
IG260003010	4	0,100 mm oversize
IG260003025	4	0,250 mm oversize
UG260003005	4	0,050 mm oversize
UG260003010	4	0,100 mm oversize
UG260003025	4	0,250 mm oversize
		
HL260003STD	1	STD
HL2600030254	1	0,254 mm undersize
HL2600030508	1	0,508 mm undersize
BL260003STD	4	STD
BL2600030127	4	0,127 mm undersize
BL2600030254	4	0,254 mm undersize
BL2600030508	4	0,508 mm undersize
PB260003	4	
		
KP260003	1	
BP260003	1	
JC260003	1	
		
KA260003	8	

REF	Qty/ eng	Remarks
SV260003	1	
SA260003	1	
KD260003	1	
		
CB260003A	12	Short
CB260003B	10	Long
VP260003	1	
BB260003	8	
		
OP260003	1	
WP260003	1	Total height: 107,0 mm Total length: 246,0 mm With gasket
		
		
NA260003	1	
NT260003	1	
KT260003	1	
TT260003	1	
SK260003A	1	
SK260003B	1	
SK260003C	1	
DR260003	1	
		
		
OF260003	1	
GB260003	4	
IT260003	4	

For any other engine part, please contact us !



Used for: FIAT M205.16AA.149

Specifications: L.P. GAS · 4 cylinders · Bore: 84,00 mm

In: OM-FIAT

REF	Qty/eng	Remarks
SE260005STD	1	STD
SE260005040	1	0,400 mm oversize
PISE260005STDA	4	STD, class A, marked on bottom of engine block
PISE260005STDB	4	STD, class C, marked on bottom of engine block
PISE260005STDC	4	STD, class E, marked on bottom of engine block
PISE260005060	4	0,600 mm oversize
PISE260005080	4	0,800 mm oversize
IK260005	4	
UK260005	4	
KS260005	8	
KG260005005	8	0,050 mm oversize
KG260005010	8	0,100 mm oversize
KG260005025	8	0,250 mm oversize
HL260005STD	1	STD
HL2600050254	1	0,254 mm undersize
HL2600050508	1	0,508 mm undersize
AL260005STD	1	STD
AL2600050127	1	0,127 mm undersize
BL260005STD	4	STD
BL2600050254	4	0,254 mm undersize
BL2600050508	4	0,508 mm undersize
PB260005	4	
1NL260005A	1	
1NL260005B	1	
KP260005	1	
BP260005	1	
JC260005	1	
KA260005	8	

REF	Qty/eng	Remarks
SV260005	1	
SA260005	1	
KD260005	1	
CB260005	10	
VP260005	1	
BB260005	8	
BM260005	8	
OP260005	1	
WP260005	1	Total height: 108,0 mm Total length: 166,0 mm With gasket
NA260005	1	
NT260005	1	
KT260005	1	
SK260005	1	
DR260005	1	
OF260005	1	
B0260005	4	

For any other engine part, please contact us !



Used for: FIAT M705.19.149

Specifications: Diesel · 4 cylinders · Bore: 82,60 mm

In: OM-FIAT

REF	Qty/eng	Remarks	REF	Qty/eng	Remarks
SE260004STD	1	STD	JC260004C	1	2 notches thickness: 1,95 mm
SE260004040	1	0,400 mm oversize	KA260004	8	
SE260004060	1	0,600 mm oversize	SV260004	1	
4PISE26004STDA	1	STD, class A, marked on bottom of engine block	SA260004	1	
4PISE26004STDB	1	STD, class B, marked on bottom of engine block	KD260004	1	
4PISE26004STDC	1	STD, class C, marked on bottom of engine block			
4PISE26004040	1	0,400 mm oversize	CB260004	10	
			VP260004	1	
IK260004	4		BB260004	8	
UK260004	4				
KS260004	8		OP260004	1	
KG260004005	8	0,050 mm oversize			
KG260004010	8	0,100 mm oversize	WP260004	1	Total height: 167,0 mm Total length: 260,0 mm With gasket
KG260004025	8	0,250 mm oversize			
HL260004STD	1	STD	NA260004	1	
HL2600040254	1	0,254 mm undersize	NT260004	1	
HL2600040508	1	0,508 mm undersize	KT260004	1	
AL260004STD	1	STD	TT260004	1	
AL2600040127	1	0,127 mm undersize	SK260004A	1	
BL260004STD	4	STD	SK260004B	1	
BL2600040254	4	0,254 mm undersize	DR260004	1	
BL2600040508	4	0,508 mm undersize			
PB260004	4		NA260004	1	
1NL260004A	1		NT260004	1	
1NL260004B	1		KT260004	1	
			TT260004	1	
KP260004	1		SK260004A	1	
BP260004	1		SK260004B	1	
JC260004A	1	Without notches, thickness: 1,65 mm	DR260004	1	
JC260004B	1	1 notch thickness: 1,80 mm	OF260004	1	
			GB260004	4	
			IT260004	4	

For any other engine part, please contact us !



NOTES

NOTES

A series of horizontal dotted lines for taking notes.



USED FOR
FORD



Used for: FORD 4-172

Specifications: **Gasoline · 4 cylinders · Bore: 3.900" (99,06 mm)**

In: **HYSTER**

REF	Qty/eng	Remarks
PI090001STD	4	STD
PI090001020	4	0.020" oversize
PI090001030	4	0.030" oversize
PI090001040	4	0.040" oversize
SE090001STD	1	STD
SE090001020	1	0.020" oversize
SE090001030	1	0.030" oversize
SE090001040	1	0.040" oversize
CH090001	4	
AS090001	4	
IK090001	4	
UK090001	4	
KS090001	8	
KG090001	8	
1HL090001STDA	4	STD shaft dia: 63,42-63,44 mm, straight
1HL090001010A	4	0.010" undersize
1HL090001020A	4	0.020" undersize
1HL090001STDB	2	STD shaft dia: 63,42-63,44 mm, flanged
1HL090001010B	2	0.010" undersize
1HL090001020B	2	0.020" undersize
1HL090001030B	2	0.030" undersize
1HL090001040B	2	0.040" undersize
HL090001030	1	0.030" undersize
HL090001040	1	0.040" undersize
1BL090001STD	8	STD shaft dia: 58,36-58,38 mm
1BL090001010	8	0.010" undersize
1BL090001020	8	0.020" undersize
BL090001030	4	0.030" undersize
BL090001040	4	0.040" undersize
PB090001	4	
KP090001	1	No oil seals included, with valve seals
BP090001	1	

REF	Qty/eng	Remarks
CP090001	1	
JC090001	1	
KA090001	8	
SV090001	1	
1SA090001	2	
KD090001	1	
CB090001	12	
VP090001	1	
BB090001	8	
BM090001	8	
OP090001	1	
WP090001	1	Total height: 117,0 mm Total length: 238,0 mm With gasket
RW090001	1	
NA090001	1	
NT090001	1	
KT090001	1	
TT090001	1	
OF090001	1	
B0090001	4	

For any other engine part, please contact us !



Used for: FORD 4-192

Specifications: **Gasoline** · 4 cylinders · Bore: **4.130" (104,90 mm)**

In: **HYSTER**

Used for: FORD

REF	Qty/ eng	Remarks
PI090002STD	4	STD
PI090002010	4	0.010" oversize
PI090002020	4	0.020" oversize
PI090002030	4	0.030" oversize
SE090002STD	1	STD
SE090002010	1	0.010" oversize
SE090002020	1	0.020" oversize
SE090002030	1	0.030" oversize
IK090002	4	
UK090002	4	
KS090002	8	
KG090002	8	
1HL090002STDA	4	STD shaft dia: 63,42-63,44 mm, straight
1HL090002010A	4	0.010" undersize
1HL090002020A	4	0.020" undersize
1HL090002STDB	2	STD shaft dia: 63,42-63,44 mm, flanged
1HL090002010B	2	0.010" undersize
1HL090002020B	2	0.020" undersize
1HL090002040B	2	0.040" undersize
HL090002030	1	0.030" undersize
HL090002040	1	0.040" undersize
1BL090002STD	8	STD shaft dia: 58,36-58,38 mm
1BL090002010	8	0.010" undersize
1BL090002020	8	0.020" undersize
BL090002030	4	0.030" undersize
BL090002040	4	0.040" undersize
PB090002	4	
KP090002	1	No oil seals included, with valve seals
BP090002	1	
CP090002	1	

REF	Qty/ eng	Remarks
JC090002	1	
KA090002	8	
SV090002	1	
1SA090002	2	
KD090002	1	
CB090002	12	
VP090002	1	
BB090002	8	
BM090002	8	
OP090002	1	
WP090002	1	Total height: 117,0 mm Total length: 238,0 mm With gasket
RW090002	1	
NA090002	1	
NT090002	1	
KT090002	1	
TT090002	1	
OF090002	1	
B0090002	4	

For any other engine part, please contact us !



Used for: FORD BSD444

Specifications: Diesel · 4 cylinders · Bore: 4.4" (111,76 mm)

In: AGRI, SANDERSON

REF	Qty/ eng	Remarks
PP090009	4	
PC090009	8	
SE090009STD	4	STD
SE090009020	4	0.020" oversize
SE090009030	4	0.030" oversize
SE090009040	4	0.040" oversize
PISE090009STD	4	STD
PISE090009020	4	0.020" oversize
PISE090009030	4	0.030" oversize
PISE090009040	4	0.040" oversize
CH090009	4	
IK090009	4	
UK090009	4	
KS090009	8	
HLO90009STD	1	STD
HLO90009010	1	0.010" oversize
HLO90009020	1	0.020" oversize
HLO90009030	1	0.030" oversize
HLO90009040	1	0.040" oversize
4BL090009STD	1	STD
4BL090009010	1	0.010" oversize
4BL090009020	1	0.020" oversize
PB090009	4	
1NL090009	5	
BP090009	1	
CP090009	1	For cylinder head bolts: 9/16"
KA090009	8	
SV090009	1	
SA090009	1	
KD090009	1	
CB090009	13	Thread: 9/16"
BB090009	8	
BM090009	8	

REF	Qty/ eng	Remarks
OP090009	1	
WP090009A	1	Total height: 134,3 mm Total length: 204,0 mm With gasket
WP090009B	1	
WP090009C	1	
WP090009D	1	Total height: 160,0 mm Total length: 338,0 mm With gasket
WP090009E	1	Total height: 136,2 mm Total length: 204,0 mm With gasket
WP090009F	1	Total height: 159,0 mm Total length: 298,0 mm With gasket

For any other engine part, please contact us !



Used for: FORD BSD444

Specifications: **Diesel** · 4 cylinders · Bore: 4.4" (111,76 mm)

In: **AGRI, SANDERSON**

Used for: FORD

REF	Qty/ eng	Remarks
NA090009	1	
NT090009	1	
KT090009	1	
QF090009	1	



Used for: FORD

Used for: **FORD BSD444T**

Specifications: **Diesel · 4 cylinders · Bore: 4.4" (111,76 mm)**

In: **AGRI, VALMET FORESTRY**

REF	Qty/ eng	Remarks
PP090010	4	
PC090010	8	
SE090010STD	4	STD
SE090010020	4	0.020" oversize
PISE090010STD	4	STD
PISE090010020	4	0.020" oversize
CH090010	4	
JK090010	4	
UK090010	4	
KS090010	8	
HL090010STD	1	STD
HL090010010	1	0.010" oversize
HL090010020	1	0.020" oversize
HL090010030	1	0.030" oversize
HL090010040	1	0.040" oversize
4BL090010STD	1	STD
4BL090010010	1	0.010" oversize
4BL090010020	1	0.020" oversize
PB090010	4	
1NL090010	5	
BP090010	1	
CP090010	1	
JC090010	1	For cylinder head bolts: 9/16"
KA090010	8	
SV090010	1	
SA090010	1	
KD090010	1	
CB090010	13	Thread: 9/16"
BB090010	8	
BM090010	8	

REF	Qty/ eng	Remarks
OP090010	1	
WP090010A	1	Total height: 134,3 mm Total length: 204,0 mm
WP090010B	1	
WP090010C	1	
WP090010D	1	Total height: 160,0 mm Total length: 338,0 mm
WP090010E	1	Total height: 136,2 mm Total length: 204,0 mm
WP090010F	1	Total height: 159,0 mm Total length: 298,0 mm

For any other engine part, please contact us !



Used for: **FORD BSD444T**

Specifications: **Diesel · 4 cylinders · Bore: 4.4" (111,76 mm)**

In: **AGRI, VALMET FORESTRY**

Used for: **FORD**

REF	Qty/ eng	Remarks
NA090010	1	
NT090010	1	
KT090010	1	
OF090010	1	



Used for: FORD

Used for: FORD Genesis CPP 675T(A) - AGRI

Specifications: Diesel • 6 cylinders • Bore: 111,80 mm

In: NEW HOLLAND

REF	Qty/ eng	Remarks
PI090008STDA	6	STD, pin dia: 44,4 mm
PI090008020A	6	0.020" oversize, pin dia: 44,4 mm
PI090008030A	6	0.030" oversize, pin dia: 44,4 mm
PI090008040A	6	0.040" oversize, pin dia: 44,4 mm
PI090008STDB	6	STD, pin dia: 41,28 mm
PI090008020B	6	0.020" oversize, pin dia: 41,28 mm
PI090008030B	6	0.030" oversize, pin dia: 41,28 mm
PI090008040B	6	0.040" oversize, pin dia: 41,28 mm
PI090008STDC	6	STD
PI090008020C	6	0.020" oversize
PI090008030C	6	0.030" oversize
PI090008040C	6	0.040" oversize
1SE090008STDA	6	STD, for piston A
1SE090008020A	6	0.020" oversize, for piston A
1SE090008030A	6	0.030" oversize, for piston A
1SE090008040A	6	0.040" oversize, for piston A
1SE090008STDB	6	STD, for piston B
1SE090008020B	6	0.020" oversize, for piston B
1SE090008030B	6	0.030" oversize, for piston B
1SE090008040B	6	0.040" oversize, for piston B
1SE090008STDC	6	STD, for piston C
1SE090008020C	6	0.020" oversize, for piston C
1SE090008030C	6	0.030" oversize, for piston C
1SE090008040C	6	0.040" oversize, for piston C
PISE090008STDA	6	STD, pin dia: 44,4 mm
PISE090008STDB	6	STD, pin dia: 41,28 mm
PISE090008STDC	6	STD
CH090008STD	6	Semi-Finished
AS090008A	6	Includes piston A
AS090008B	6	Includes piston B
AS090008C	6	Includes piston C
IK090008A	6	>05/04/2000
IK090008B	6	06/04/2000>
UK090008A	6	>05/04/2000

REF	Qty/ eng	Remarks
UK090008B	6	06/04/2000>
KS090008	12	
HL090008STD	1	STD
HL090008010	1	0.010" oversize AL included
HL090008020	1	0.020" oversize AL included
HL090008030	1	0.030" oversize AL included
HL090008040	1	0.040" oversize AL included
BL090008STD	6	STD
BL090008010	6	0.010" oversize
BL090008020	6	0.020" oversize
BL090008030	6	0.030" oversize
BL090008040	6	0.040" oversize
PB090008A	6	01/09/1995>31/12/1995, TM series
PB090008B	6	
NL090008A	1	Semi-finished
NL090008B	1	Fully finished
CP090008	1	
JC090008	1	
KA090008A	1	
SV090008	1	
SA090008	1	
KD090008	1	
BB090008	12	
OP090008	1	

For any other engine part, please contact us !






Used for: FORD Genesis CPP 675T(A) - AGRI

Specifications: Diesel · 6 cylinders · Bore: 111,80 mm

In: NEW HOLLAND

Used for: FORD

REF	Qty/ eng	Remarks
WP090008	1	Total height: 190,0 mm Total length: 337,0 mm Without gasket 
RW090008	1	
KT090008	1	
OF090008	1	
IT090008A	6	DLLA 140P 390
IT090008B	6	DLLA 135P 539
IT090008C	6	DLLA 140P 389





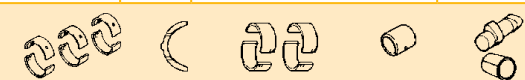
Used for: FORD

Used for: FORD Powerstar 450(T) - AGRI

Specifications: Diesel · 4 cylinders · Bore: 111,80 mm

In: NEW HOLLAND

REF	Qty/ eng	Remarks
		
PI090004STDA	4	STD; TS80, TS90, TS90 (Brasil)
PI090004020A	4	0.020" oversize; TS80, TS90, TS90 (Brasil)
PI090004030A	4	0.030" oversize; TS80, TS90, TS90 (Brasil)
PI090004040A	4	0.040" oversize; TS80, TS90, TS90 (Brasil)
PI090004STDB	4	STD; 450; TS90E
PI090004020B	4	0.020" oversize; 450; TS90E
PI090004030B	4	0.030" oversize; 450; TS90E
PI090004040B	4	0.040" oversize; 450; TS90E
PI090004STDC	4	STD; TS100 (Brasil)
PI090004020C	4	0.020" oversize; TS100 (Brasil)
PI090004030C	4	0.030" oversize; TS100 (Brasil)
PI090004040C	4	0.040" oversize; TS100 (Brasil)
PI090004STDD	4	STD; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
PI090004020D	4	0.020" oversize; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
PI090004030D	4	0.030" oversize; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
PI090004040D	4	0.040" oversize; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
1SE090004STDA	4	STD; TS80, TS90, TS90 (Brasil)
1SE090004020A	4	0.020" oversize; TS80, TS90, TS90 (Brasil)
1SE090004030A	4	0.030" oversize; TS80, TS90, TS90 (Brasil)
1SE090004040A	4	0.040" oversize; TS80, TS90, TS90 (Brasil)
1SE090004STDB	4	STD; 450; TS90E
1SE090004020B	4	0.020" oversize; 450; TS90E
1SE090004030B	4	0.030" oversize; 450; TS90E
1SE090004STDC	4	STD; TS100 (Brasil)
1SE090004020C	4	0.020" oversize; TS100 (Brasil)
1SE090004030C	4	0.030" oversize; TS100 (Brasil)
1SE090004040C	4	0.040" oversize; TS100 (Brasil)
1SE090004STDD	4	STD; TS100, TS100E (Brasil) 450T ; TS110, TS110 (Brasil)

REF	Qty/ eng	Remarks
1SE090004020D	4	0.020" oversize; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
1SE090004030D	4	0.030" oversize; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
1SE090004040D	4	0.040" oversize; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
PISE090004STDA	4	STD; TS80, TS90, TS90 (Brasil)
PISE090004STDB	4	STD; 450; TS90E
PISE090004STDC	4	STD; TS100 (Brasil)
PISE090004STDD	4	STD ; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
PISE090004020D	4	0.020" oversize; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
PISE090004040D	4	0.040" oversize; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
CH090004STD	4	Semi-finished
AS090004A	4	TS80, TS90, TS90 (Brasil)
AS090004B	4	450; TS90E
AS090004C	4	450; TS100 (Brasil)
AS090004D	4	450T ; TS100, TS100E (Brasil) 450T; TS110, TS110 (Brasil)
		
IK090004A	4	TS80, TS90, TS90E (>C4906), TS90 (Brasil)
IK090004B	4	TS80, TS90, TS90E , (D4906>)
IK090004C	4	TS100, TS110 (>C4906) TS100 (Brasil), TS100E (Brasil), TS110 (Brasil)
IK090004D	4	TS100, TS110 (D4906>)
UK090004A	4	TS80, TS90, TS90E (>C4906) , TS90 (Brasil)
UK090004B	4	TS80, TS90, TS90E , (D4906>)
UK090004C	4	TS100, TS110 (>C4906) TS100 (Brasil), TS100E (Brasil), TS110 (Brasil)
UK090004D	4	TS100, TS110 (D4906>)
KS090004A	8	
KS090004B	8	
		
HL090004STD		
HL090004010		
HL090004020		
HL090004030		
HL090004040		

For any other engine part, please contact us !



Used for: FORD Powerstar 450(T) - AGRI

Specifications: **Diesel · 4 cylinders · Bore: 111,80 mm**

In: **NEW HOLLAND**

REF	Qty/eng	Remarks
BL090004STDA	4	STD, Powerstar 450
BL090004010A	4	0.010" oversize; Powerstar 450
BL090004020A	4	0.020" oversize; Powerstar 450
BL090004030A	4	0.030" oversize; Powerstar 450
BL090004040A	4	0.040" oversize; Powerstar 450
BL090004STDB	4	STD, Powerstar 450T
BL090004010B	4	0.010" oversize; Powerstar 450T
BL090004020B	4	0.020" oversize; Powerstar 450T
BL090004030B	4	0.030" oversize; Powerstar 450T
BL090004040B	4	0.040" oversize; Powerstar 450T
PB090004A	4	Powerstar 450
PB090004B	4	Powerstar 450T
NL090004A	1	Semi-finished
NL090004B	1	Fully finished
BP090004	1	
CP090004	1	
JC090004	1	
KA090004A	1	
KA090004B	1	
SV090004	1	
SA090004	1	
KD090004	1	
BB090004	8	
OP090004	1	

REF	Qty/eng	Remarks
WP090004A	1	Powerstar 450
WP090004B	1	Powerstar 450T
RW090004A	1	Powerstar 450
RW090004B	1	Powerstar 450T
OF090004	1	
IT090004A	4	6801134
IT090004B	4	6801133
IT090004C	4	LP054 B, for injector 87801167
IT090004D	4	L067 PBA, for injector 87801043

For any other engine part, please contact us !



Used for: FORD Powerstar 675 - AGRI

Specifications: Diesel · 6 cylinders · Bore: 111,80 mm

In: NEW HOLLAND

REF	Qty/ eng	Remarks
PI090005STDA	6	STD
PI090005020A	6	0.020" oversize
PI090005030A	6	0.030" oversize
PI090005040A	6	0.040" oversize
PI090005STDB	6	STD; TS115 (>SN170077)
PI090005020B	6	0.020" oversize; TS115 (>SN170077)
PI090005030B	6	0.030" oversize; TS115 (>SN170077)
PI090005040B	6	0.040" oversize; TS115 (>SN170077)
1SE090005STDA	6	STD
1SE090005020A	6	0.020" oversize
1SE090005030A	6	0.030" oversize
1SE090005040A	6	0.040" oversize
1SE090005STDB	6	STD; TS115 (>SN170077)
1SE090005020B	6	0.020" oversize; TS115 (>SN170077)
1SE090005030B	6	0.030" oversize; TS115 (>SN170077)
PISE090005STDA	6	STD
PISE090005020A	6	0.020" oversize
PISE090005040A	6	0.040" oversize
PISE090005STDB	6	STD; TS115 (>SN170077)
PISE090005020B	6	0.020" oversize; TS115 (>SN170077)
PISE090005030B	6	0.030" oversize; TS115 (>SN170077)
PISE090005040B	6	0.040" oversize; TS115 (>SN170077)
CH090005STD	6	
AS090005A	6	
AS090005B	6	TS115 (>SN170077)
IK090005A	6	
IK090005B	6	
IK090005C	6	
UK090005A	6	
UK090005B	6	
UK090005C	6	
KS090005A	12	
KS090005B	12	TM115, TS115, TS115E (D4906>);
HL090005STD	1	STD
HL090005010	1	0.010" oversize AL included

REF	Qty/ eng	Remarks
HL090005020	1	0.020" oversize AL included
HL090005030	1	0.030" oversize AL included
HL090005040	1	0.040" oversize AL included
BL090005STDA	6	STD; TM115
BL090005010A	6	0.010" oversize; TM115
BL090005020A	6	0.020" oversize; TM115
BL090005030A	6	0.030" oversize; TM115
BL090005040A	6	0.040" oversize; TM115
BL090005STDB	6	STD
BL090005010B	6	0.010" oversize
BL090005020B	6	0.020" oversize
BL090005030B	6	0.030" oversize
BL090005040B	6	0.040" oversize
PB090005	6	
NL090005A	1	Semi-finished
NL090005B	1	Fully finished
BP090005A	1	
BP090005B	1	8360, 8560, M135, M160
CP090005A	1	
CP090005B	1	TS115, TS115E, TS120 (Brasil)
JC090005A	1	
JC090005B	1	8360, 8560, M135, M160
KA090005A	1	For IKA and UKA
KA090005B	1	For IKB and UKB
KA090005C	1	For IKC and UKC
SV090005	1	
SA090005	1	
KD090005	1	
BB090005	12	

For any other engine part, please contact us !



Used for: FORD Powerstar 675 - AGRI

Specifications: Diesel · 6 cylinders · Bore: 111,80 mm

In: NEW HOLLAND

Used for: FORD

REF	Qty/ eng	Remarks
OP090005	1	
WP090005A	1	
WP090005B	1	TM130 (Brasil), TM140 (Brasil) TM150, TM165
WP090005C	1	TS115, TS115E , TS120 (Brasil)
RW090005A	1	For WPA
RW090005B	1	For WPB
RW090005C	1	TS115, TS115E , TS120 (Brasil)
KT090005A	1	TM110 (Brasil), TM120 (Brasil), TM130 (Brasil), TM115
KT090005B	1	TS115, TS115E, TS120 (Brasil)
OF090005	1	
IT090005A	6	DLLA 143P 471
IT090005B	6	DLLA 143P 485
IT090005C	6	6801135

REF	Qty/ eng	Remarks
IT090005D	6	LP054 B
IT090005E	6	L067 PBA


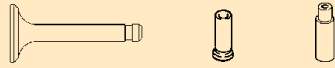
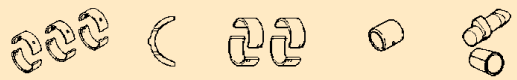
For any other engine part, please contact us !

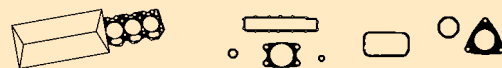









Used for: **FORD Powerstar 675T - AGRI**

Specifications: **Diesel · 6 cylinders · Bore: 111,80 mm**

In: **NEW HOLLAND**

REF	Qty/ eng	Remarks
		
PI090006STD	6	STD
PI090006020	6	0.020" oversize
PI090006030	6	0.030" oversize
PI090006040	6	0.040" oversize
1SE090006STD	6	STD
1SE090006020	6	0.020" oversize
1SE090006030	6	0.030" oversize
1SE090006040	6	0.040" oversize
PISE090006STD	6	STD
PISE090006020	6	0.020" oversize
PISE090006040	6	0.040" oversize
CH090006STD	6	
AS090006	6	
		
IK090006A	6	
IK090006B	6	
UK090006A	6	
UK090006B	6	
KS090006A	12	
KS090006B	12	
		
HL090006STD	1	STD
HL090006010	1	0.010" AL included
HL090006020	1	0.020" AL included
HL090006030	1	0.030" AL included
HL090006040	1	0.040" AL included
BL090006STDA	6	STD
BL090006010A	6	0.010" oversize
BL090006020A	6	0.020" oversize
BL090006030A	6	0.030" oversize
BL090006040A	6	0.040" oversize
BL090006STDB	6	STD
BL090006010B	6	0.010" oversize
BL090006020B	6	0.020" oversize
BL090006030B	6	0.030" oversize
BL090006040B	6	0.040" oversize
PB090006A	6	
PB090006B	6	
NL090006A	1	Semi-finished
NL090006B	1	Fully finished

REF	Qty/ eng	Remarks
		
KP090006	1	TM135, TM140, TM150, TM165, TM180 (brasil)
BP090006	1	
CP090006	1	
JC090006	1	
KA090006A	1	
KA090006B	1	
SV090006	1	
SA090006	1	
KD090006	1	
		
BB090006	12	
		
OP090006	1	
WP090006A	1	8360, 8560, M135, M1610 
WP090006B	1	TM135 (Brasil)  

For any other engine part, please contact us !






Used for: **FORD Powerstar 675T - AGRI**

Specifications: **Diesel · 6 cylinders · Bore: 111,80 mm**

In: **NEW HOLLAND**

Used for: **FORD**

REF	Qty/ eng	Remarks
<u>WP090006C</u>	1	TM150 (Brasil), TM165 (Brasil), TM180 (Brasil) 
<u>RW090006A</u>	1	For WPA
<u>RW090006B</u>	1	For WPB
<u>RW090006C</u>	1	For WPC
		
<u>KT090006</u>	1	
		
<u>OF090006</u>	1	
<u>IT090006A</u>	6	DLLA 143P 471
<u>IT090006B</u>	6	DLLA 143P 485



Used for: FORD Powerstar 675TA - AGRI

Specifications: **Diesel** · **6 cylinders** · Bore: **111,80 mm**

In: **NEW HOLLAND**

REF	Qty/ eng	Remarks
PI090007STDA	6	STD
PI090007020A	6	0.020" oversize
PI090007STDB	6	STD; TM175 (D4874>), TM190 (D4874>)
PI090007020B	6	0.020" oversize; TM175 (D4874>), TM190 (D4874>)
1SE090007STDA	6	STD
1SE090007020A	6	0.020" oversize
1SE090007040A	6	0.040" oversize
1SE090007STDB	6	STD
1SE090007020B	6	0.020" oversize
1SE090007040B	6	0.040" oversize
PISE090007STDA	6	STD
PISE090007STDB	6	STD; TM175 (D4874>), TM190 (D4874>)
CH090007STD	6	
AS090007A	6	Includes piston A
AS090007B	6	Includes piston B
IK090007	6	
UK090007	6	
KS090007	12	
HL090007STDA	1	STD; TM120, TM130, TM140, TM155,
HL090007010A	1	0.010" oversize; TM120, TM130, TM140, TM155,
HL090007020A	1	0.020" oversize; TM120, TM130, TM140, TM155,
HL090007030A	1	0.030" oversize; TM120, TM130, TM140, TM155,
HL090007040A	1	0.040" oversize; TM120, TM130, TM140, TM155,
HL090007STDB	1	STD; TM175, TM190
HL090007010B	1	0.010" oversize; TM175, TM190
HL090007020B	1	0.020" oversize; TM175, TM190
HL090007030B	1	0.030" oversize; TM175, TM190
HL090007040B	1	0.040" oversize; TM175, TM190
BL090007STDA	6	STD
BL090007010A	6	0.010" oversize
BL090007020A	6	0.020" oversize
BL090007030A	6	0.030" oversize

REF	Qty/ eng	Remarks
BL090007040A	6	0.040" oversize
PB090007A	6	
PB090007C	6	
NL090007A	1	Semi-finished
NL090007B	1	Fully finished
KP090007A	1	TM120, TM130
KP090007B	1	TM140, TM155, TM175, TM190
BP090007A	1	TM120, TM130
BP090007B	1	TM140, TM155, TM175, TM190
CP090007	1	
JC090007A	1	
JC090007B	1	
SV090007	1	
SA090007A	1	
SA090007B	1	
KD090007	1	
BB090007	12	
OP090007	1	
WP090007A	1	




For any other engine part, please contact us !



Used for: **FORD Powerstar 675TA - AGRI**

Specifications: **Diesel · 6 cylinders · Bore: 111,80 mm**

In: **NEW HOLLAND**

REF	Qty/ eng	Remarks
WP090007B	1	
RW090007A	1	For WPA
RW090007B	1	For WPB
		
KT090007	1	
		
OF090007	1	
IT090007A	6	DSLA 143P 1154
IT090007B	6	DSLA 143P 1364



NOTES

NOTES

A series of horizontal dotted lines for taking notes.



USED FOR
GM



Used for: **GM 2.2L**

Specifications: **Gasoline · 4 cylinders · Bore: 89,00 mm**

In: **HYSTER**

REF	Qty/eng	Remarks
PI556005STD	4	STD
PI556005050	4	0,500 mm oversize
PI556005100	4	1,000 mm oversize
SE556005STD	1	STD
SE556005050	1	0,500 mm oversize
SE556005100	1	1,000 mm oversize
IK556005A	4	Oversize dia: 7,0 mm
IK556005B	4	Oversize dia: 8,0 mm
UK556005A	4	Oversize dia: 7,0 mm
UK556005B	4	Oversize dia: 8,0 mm
KS556005	8	
IG556005A	4	Dia: 7,0 mm
IG556005B	4	Dia: 8,0 mm (NLA)
UG556005A	4	Dia: 7,0 mm
UG556005B	4	Dia: 8,0 mm (NLA)
HL556005STD	1	STD
HL556005025	1	0,250 mm undersize
HL556005050	1	0,500 mm undersize
HL556005075	1	0,750 mm undersize
BL556005STD	4	STD
BL556005025	4	0,250 mm undersize
BL556005050	4	0,500 mm undersize
BL556005075	4	0,750 mm undersize
BL556005100	4	1,000 mm undersize
BL556005125	4	1,250 mm undersize
1NL556005A	1	Dia: 51,3 mm
1NL556005B	2	Dia: 51,0 mm
1NL556005C	2	Dia: 50,9 mm
KP556005	1	With KA dia: 8,0 mm
BP556005	1	With KA dia: 8,0 mm
JC556005	1	
KA556005A	8	Dia: 7,0 mm
KA556005B	8	Dia: 8,0 mm

REF	Qty/eng	Remarks
SV556005	1	
SA556005	1	
KD556005	1	
CB556005SET	1	
CB556005A	1	Short; length: 94,0 mm
CB556005B	5	Long; length: 126,0 mm
CB556005C	4	With stud
VP556005	1	
BB556005	8	
BM556005	8	
OP556005	1	
WP556005	1	Total height: 86,0 mm Total length: 190,0 mm With gasket
NA556005	1	
NT556005	1	
DK556005	1	
SK556005	1	
OF556005	1	
B0556005	4	

For any other engine part, please contact us !






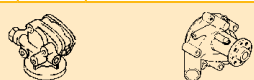




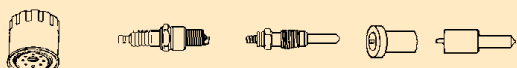
Used for: **GM 3.0L**

Specifications: **Gasoline/LPG · 4 cylinders · Bore: 4" (101,60 mm)**

In: **HYSTER, YALE, TOYOTA, CATERPILLAR, MITSUBISHI, JCB, ...**

Used for: GM

REF	Qty/eng	Remarks
		
4PI556006STDA	1	STD; well
4PI556006020A	1	0.020" oversize; well
4PI556006030A	1	0.030" oversize; well
PI556006STDB	4	STD; flat
PI556006020B	4	0.020" oversize; flat
SE556006STD	1	STD
SE556006020	1	0.020" oversize
SE556006030	1	0.030" oversize
CH556006	4	
		
IK556006STD	4	STD; oversize dia: 8,65 mm
IK556006003	4	0.003" oversize, dia: 8,8 mm
IK556006015	4	0.015" oversize, dia: 9,1 mm
IK556006030	4	0.030" oversize, dia: 9,5 mm
UK556006STD	4	STD; oversize dia: 8,65 mm
UK556006003	4	0.003" oversize, dia: 8,8 mm
UK556006015	4	0.015" oversize, dia: 9,1 mm
UK556006030	4	0.030" oversize, dia: 9,5 mm
KS556006	8	
		
HL556006STD	1	STD
HL556006010	1	0.010" undersize
HL556006020	1	0.020" undersize
HL556006030	1	0.030" undersize
HL556006040	1	0.040" undersize
BL556006STDA	4	STD; width: 21,3 mm
BL556006010A	4	0.010" undersize; width: 21,3 mm
BL556006020A	4	0.020" undersize; width: 21,3 mm
BL556006STDB	4	STD; width: 19,1 mm
1NL556006	3	
		
KP556006	1	
JC556006	1	
		
KA556006	8	

REF	Qty/eng	Remarks
SV556006	1	
SA556006	1	
KD556006A	1	
		
KD556006B	1	
		
		
CB556006	10	
VP556006	1	
BB556006	8	
BM556006	8	
		
OP556006	1	
		
WP556006A	1	Total height: 128,0 mm Total length: 214,0 mm Axle dia 16 mm Flange holes dia 38 mm
		
WP556006B	1	Total height: 115,0 mm Total length: 215,0 mm Axle dia 18,9 mm Flange holes dia 34 mm
		
		
NA556006	1	
NT556006	1	
KT556006	1	
		
OF556006	1	
B0556006	4	

For any other engine part, please contact us !

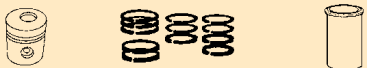
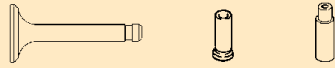
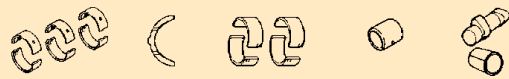
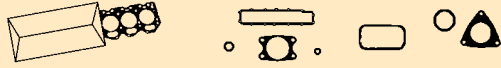







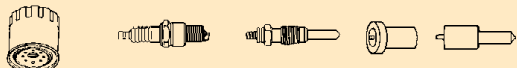
Used for: GM

Used for: **GM 4153**

Specifications: **Gasoline · 4 cylinders · Bore: 3 7/8" (98,40 mm)**

In: **HYSTER**

REF	Qty/eng	Remarks
		
PI556002STD	4	STD
PI556002030	4	0.030" oversize
1SE556002STD	4	STD
1SE556002030	4	0.030" oversize
1SE556002040	4	0.040" oversize
1SE556002060	4	0.060" oversize
		
IK556002STD	4	STD
IK556002003	4	0.003" oversize
IK556002015	4	0.015" oversize
IK556002030	4	0.030" oversize
IK556002045	4	0.045" oversize
UK556002STD	4	STD
UK556002003	4	0.003" oversize
UK556002015	4	0.015" oversize
UK556002030	4	0.030" oversize
UK556002045	4	0.045" oversize
KS556002	8	
		
2HL556002STDA	1	STD shaft dia: 58,38 mm - 58,40 mm, flanged
2HL556002010A	1	0.010" undersize
2HL556002020A	1	0.010" undersize
2HL556002030A	1	0.030" undersize
2HL556002STDB	4	STD shaft dia: 58,38 mm - 58,40 mm, straight
2HL556002010B	4	0.010" undersize
2HL556002020B	4	0.020" undersize
2HL556002030B	4	0.030" undersize
BL556002STD	4	STD shaft dia: 50,77 mm - 50,88 mm
BL556002010	4	0.010" undersize
BL556002020	4	0.020" undersize
1NL556002STD	3	
		
BP556002	1	
CP556002	1	
JC556002	1	
		

REF	Qty/eng	Remarks
DP556002	1	
KA556002	8	
SV556002	1	
1SA556002	2	
KD556002	1	
		
CB556002	10	
VP556002	1	
BB556002	8	
BM556002	8	
		
OP556002	1	
WP556002	1	Total height: 128,0 mm Total length: 214,0 mm With gasket
		
		
NA556002	1	
NT556002	1	
KT556002	1	
		
OF556002	1	
B0556002A	4	Type: T16 RU
B0556002B	4	Type: T20 PU
B0556002C	4	Type: T16 PU

For any other engine part, please contact us !



Used for: GM 4181

Specifications: **Gasoline · 4 cylinders · Bore: 4" (101,60 mm)**

In: **HYSTER**

Used for: GM

REF	Qty/ eng	Remarks
PI556001STD	4	STD
PI556001020	4	0.020" oversize
PI556001030	4	0.030" oversize
PI556001040	4	0.040" oversize
PI556001060	4	0.060" oversize
1SE556001STD	4	STD
1SE556001020	4	0.020" oversize
1SE556001030	4	0.030" oversize
1SE556001040	4	0.040" oversize
1SE556001060	4	0.060" oversize
CH556001	4	
IK556001STD	4	STD
IK556001003	4	0.003" oversize
IK556001015	4	0.015" oversize
IK556001030	4	0.030" oversize
IK556001045	4	0.045" oversize
UK556001STD	4	STD
UK556001003	4	0.003" oversize
UK556001015	4	0.015" oversize
UK556001030	4	0.030" oversize
UK556001045	4	0.045" oversize
KS556001	8	
2HL556001STDA	1	STD shaft dia: 58,38 mm - 58,40 mm, flanged
2HL556001010A	1	0.010" undersize
2HL556001020A	1	0.020" undersize
2HL556001030A	1	0.030" undersize
2HL556001STDB	4	STD shaft dia: 58,38 mm -58,40 mm, straight
2HL556001010B	4	0.010" undersize
2HL556001020B	4	0.020" undersize
2HL556001030B	4	0.030" undersize
BL556001STD	4	STD shaft dia: 53,31 mm -53,34 mm
BL556001010	4	0.010" undersize
BL556001020	4	0.020" undersize
BL556001030	4	0.030" undersize
1NL556001STD	3	

REF	Qty/ eng	Remarks
KP556001	1	
BP556001	1	
CP556001	1	
JC556001	1	
DP556001	1	
KA556001	8	
SV556001	1	
1SA556001	2	
KD556001	1	
CB556001	10	
VP556001	1	
BB556001	8	
BM556001	8	
OP556001	1	
WP556001	1	Total height: 128,0 mm Total length: 214,0 mm With gasket
NA556001	1	
NT556001	1	
KT556001B	1	
OF556001	1	
B0556001	4	

For any other engine part, please contact us !

ENGINE PARTS

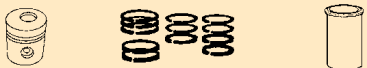

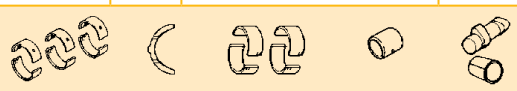
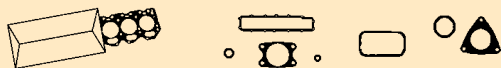



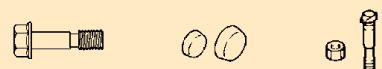






Used for: GM

Used for: **GM 6250**

Specifications: **Gasoline · 6 cylinders · Bore: 3 7/8" (98,40 mm)**

In: **HYSTER**

REF	Qty/eng	Remarks
		
PI556003STD	6	STD
PI556003020	6	0.020" oversize
PI556003030	6	0.030" oversize
PI556003040	6	0.040" oversize
PI556003060	6	0.060" oversize
1SE556003STD	6	STD
1SE556003020	6	0.020" oversize
1SE556003030	6	0,030" oversize
1SE556003040	6	0.040" oversize
1SE556003060	6	0.060" oversize
		
IK556003STD	6	STD
IK556003003	6	0.003" oversize
IK556003015	6	0.015" oversize
IK556003030	6	0.030" oversize
IK556003045	6	0.045" oversize
UK556003STD	6	STD
UK556003003	6	0.003" oversize
UK556003015	6	0.015" oversize
UK556003030	6	0.030" oversize
UK556003045	6	0.045" oversize
KS556003	12	
		
2HL556003STDA	1	STD shaft dia: 58,38 mm - 58,40 mm, flanged
2HL556003010A	1	0.010" undersize
2HL556003020A	1	0.020" undersize
2HL556003030A	1	0.030" undersize
2HL556003STDB	4	STD shaft dia: 58,38 mm - 58,40 mm, straight
2HL556003010B	4	0.010" undersize
2HL556003020B	4	0.020" undersize
2HL556003030B	4	0.030" undersize
BL556003STD	6	STD shaft dia: 50,77 mm - 50,80 mm
BL556003010	6	0.010" undersize
BL556003020	6	0.020" undersize
1NL556003STD	4	
		
BP556003	1	
CP556003	1	

REF	Qty/eng	Remarks
JC556003	1	
DP556003	1	
KA556003	12	
SV556003	1	
1SA556003	2	
KD556003	1	
		
CB556003	14	
VP556003	1	
BB556003	12	
BM556003	12	
		
OP556003	1	
WP556003A	1	Total height: 128,0 mm Total length: 214,0 mm 4 holes in the flange
		
WP556003B	1	Total height: 125,0 mm Total length: 214,0 mm 8 holes in the flange
		
		
NA556003	1	
NT556003	1	
KT556003	1	
		
OF556003	1	
B0556003A	6	Type: T16 PU
B0556003B	6	Type: T20 PU

For any other engine part, please contact us !



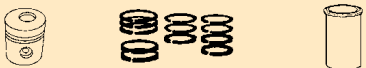
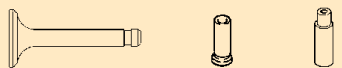
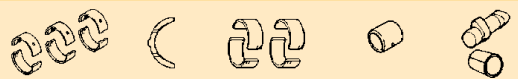
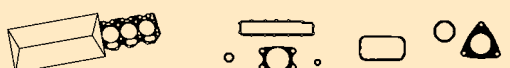


USED FOR
HATZ





Used for: **HATZ 2G30**

Specifications: **Diesel · 2 cylinders · Bore: 88,00 mm**

In: **AMMANN, VIBROMAX**

REF	Qty/ eng	Remarks
		
PPM81009	2	
PCM81009	4	
1SEM81009STD	2	STD
1SEM81009050	2	0,500 mm oversize
1SEM81009100	2	1,000 mm oversize
PISEM81009STD	2	STD
PISEM81009050	2	0,500 mm oversize
PISEM81009100	2	1,000 mm oversize
ASM81009	2	
		
IKM81009	2	
UKM81009	2	
KSM81009	4	
KGM81009	4	
		
HLM81009STD	3	STD, dia: 72 mm
HLM81009050	3	0,500 mm oversize, dia: 71,5 mm
BLM81009STD	2	STD
BLM81009050	2	0,500 mm oversize
PBM81009	2	
1NLM81009	1	
		
BPM81009	2	
CPM81009	1	
JCM81009A	2	Thickness: 0,60 mm
JCM81009B	2	Thickness: 0,80 mm
KAM81009	4	
SVM81009	1	
SAM81009	1	
KDM81009	2	
		
BBM81009	4	
CGM81009A	8	
CMM81009A	8	
		
OPM81009	1	

REF	Qty/ eng	Remarks
		
NAM81009A	1	
NTM81009	1	
KTM81009	1	
		
OFM81009	1	
ITM81009	2	

For any other engine part, please contact us !



Used for: **HATZ 2L40**

Specifications: **Diesel · 2 cylinders · Bore: 102,00 mm**

In: **HAULOTTE, AMMANN**

REF	Qty/ eng	Remarks
PPM81003	2	
PCM81003	4	
1SEM81003STD	2	STD
1SEM81003050	2	0,500 mm oversize
PISEM81003STD	2	STD
PISEM81003050	2	0,500 mm oversize
ASM81003	2	
IKM81003	2	
UKM81003	2	
KSM81003	4	
KGM81003	4	
HLM81003STD	3	STD, dia: 72 mm
HLM81003050	3	0,500 mm oversize, dia: 71,5 mm
ALM81003	2	
BLM81003STD	2	STD
BLM81003050	2	0,500 mm oversize
PBM81003	2	
1NLM81003	1	
BPM81003	2	
CPM81003	1	
JCM81003A	2	Thickness: 0,70 mm
JCM81003B	2	Thickness: 1,00 mm
KAM81003	4	
SVM81003	1	
SAM81003	1	
KDM81003	2	

REF	Qty/ eng	Remarks
BBM81003	4	
CGM81003A	8	Length: 273,0 mm
CGM81003B	2	Length: 317,0 mm
CMM81003	10	
OPM81003	1	
NAM81003A	1	
NAM81003B	1	High swirl cylinder head
NTM81003	1	
KTM81003	1	
TTM81003	1	
OFM81003	1	
ITM81003	2	

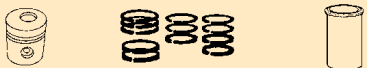

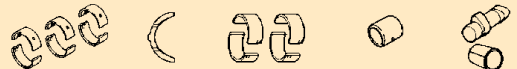
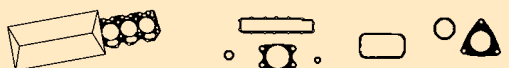


For any other engine part, please contact us !





Used for: HATZ 2M40

Specifications: Diesel · 2 cylinders · Bore: 102,00 mm

In: HAULOTTE, AMMANN

REF	Qty/ eng	Remarks
		
PPM81001	2	
PCM81001	4	
1SEM81001STD	2	STD
1SEM81001050	2	0,500 mm oversize
PISEM81001STD	2	STD
PISEM81001050	2	0,500 mm oversize
ASM81001	2	
		
IKM81001	2	
UKM81001	2	
KSM81001	4	
KGM81001	4	
		
HLM81001STD	3	STD, dia: 72 mm
HLM81001050	3	0,500 mm oversize, dia: 71,5 mm
ALM81001	2	
BLM81001STD	2	STD
BLM81001050	2	0,500 mm oversize
PBM81001	2	
1NLM81001	1	
		
BPM81001	2	
CPM81001	1	
JCM81001A	2	Thickness: 0,70 mm
JCM81001B	2	Thickness: 1,00 mm
KAM81001	4	
SVM81001	1	
SAM81001	1	
KDM81001	2	
		
BBM81001	4	
CGM81001A	8	Length: 273,0 mm
CGM81001B	2	Length: 317,0 mm
CMM81001	10	
		
OPM81001	1	

REF	Qty/ eng	Remarks
		
NAM81001A	1	
NAM81001B	1	High swirl cylinder head
NTM81001	1	
KTM81001	1	
TTM81001	1	
		
OFM81001	1	
ITM81001	2	

For any other engine part, please contact us !

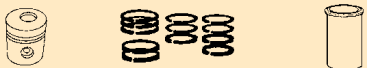

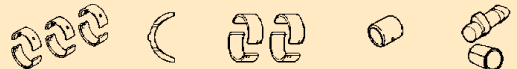
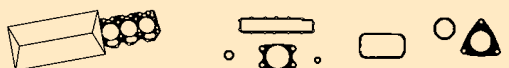






Used for: **HATZ 3L40**

Specifications: **Diesel · 3 cylinders · Bore: 102,00 mm**

In: **HAULOTTE, ZETTELMEYER, PUTZMEISTER**

Used for: HATZ

REF	Qty/ eng	Remarks
		
PPM81004	3	
PCM81004	6	
1SEM81004STD	3	STD
1SEM81004050	3	0,500 mm oversize
PISEM81004STD	3	STD
PISEM81004050	3	0,500 mm oversize
ASM81004	3	
		
IKM81004	3	
UKM81004	3	
KSM81004	6	
KGM81004	6	
		
HLM81004STD	4	STD, dia: 72 mm
HLM81004050	4	0,500 mm oversize, dia: 71,5 mm
ALM81004	2	
BLM81004STD	3	STD
BLM81004050	3	0,500 mm oversize
PBM81004	3	
1NLM81004	1	
		
BPM81004	3	
CPM81004	1	
JCM81004A	3	Thickness: 0,70 mm
JCM81004B	3	Thickness: 1,00 mm
KAM81004	6	
SVM81004	1	
SAM81004	1	
KDM81004	3	
		
BBM81004	6	
CGM81004A	12	Length: 273,0 mm
CGM81004B	3	
CMM81004	15	
		
OPM81004	1	

REF	Qty/ eng	Remarks
		
NAM81004A	1	Low swirl cylinder head
NAM81004B	1	High swirl cylinder head
NTM81004	1	
KTM81004	1	
TTM81004	1	
		
OFM81004	1	
ITM81004	3	

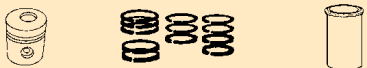

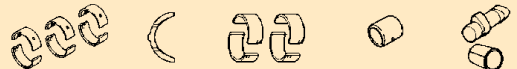
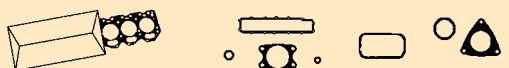


For any other engine part, please contact us !





Used for: HATZ 3M40

Specifications: Diesel · 3 cylinders · Bore: 102,00 mm

In: HAULOTTE, AMMANN

REF	Qty/ eng	Remarks
		
PPM81002	3	
PCM81002	6	
1SEM81002STD	3	STD
1SEM81002050	3	0,500 mm oversize
PISEM81002STD	3	STD
PISEM81002050	3	0,500 mm oversize
ASM81002	3	
		
IKM81002	3	
UKM81002	3	
KSM81002	6	
KGM81002	6	
		
HLM81002STD	4	STD, dia: 72 mm
HLM81002050	4	0,500 mm oversize, dia: 71,5 mm
ALM81002	2	
BLM81002STD	3	STD
BLM81002050	3	0,500 mm oversize
PBM81002	3	
1NLM81002	1	
		
BPM81002	3	
CPM81002	1	
JCM81002A	3	Thickness: 0,70 mm
JCM81002B	3	Thickness: 1,00 mm
KAM81002	6	
SVM81002	1	
SAM81002	1	
KDM81002	3	
		
BBM81002	6	
CGM81002A	12	Length: 273,0 mm
CGM81002B	3	
CMM81002	15	
		
OPM81002	1	

REF	Qty/ eng	Remarks
		
NAM81002A	1	Low swirl cylinder head
NAM81002B	1	High swirl cylinder head
NTM81002	1	
KTM81002	1	
TTM81002	1	
		
OFM81002	1	
ITM81002	3	

For any other engine part, please contact us !



USED FOR
HYUNDAI

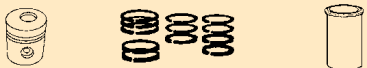

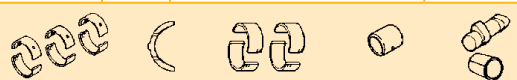
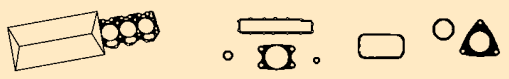


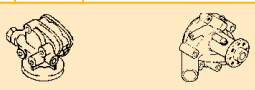





Used for: HYUNDAI

Used for: **HYUNDAI L4GC**

Specifications: **Gasoline · 4 cylinders · Bore: 82,00 mm**

In: **HYUNDAI, DOOSAN-DAEWOO, CROWN**

REF	Qty/eng	Remarks
		
PIQ72001STD	4	STD, with pin
PIQ72001050	4	0,500 mm oversize, with pin
SEQ72001STD	1	STD
SEQ72001050	1	0,500 mm oversize
		
IKQ72001	8	
UKQ72001	8	
KSQ72001	16	Hydraulic
UGQ72001	8	
		
1HLQ72001STD	5	STD
HLQ72001025	1	0,250 mm undersize
HLQ72001050	1	0,500 mm undersize
ALQ72001STD	1	STD
1BLQ72001STD	8	STD
BLQ72001025	1	0,250 mm undersize
BLQ72001050	1	0,500 mm undersize
		
KPQ72001	1	
BPQ72001	1	
JCQ72001	1	
KAQ72001	16	
SVQ72001	1	
SAQ72001	1	
KDQ72001	1	
		
CBQ72001	8	M10 x 99,0 mm
BBQ72001	8	
BMQ72001	8	
		
OPQ72001	1	

REF	Qty/eng	Remarks
WPQ72001	1	Total height: 103,0 mm Total length: 144,0 mm 
		
NAQ72001A	1	Intake assembly
NAQ72001B	1	Exhaust assembly
NTQ72001A	1	Belt sprocket
NTQ72001B	2	Chain sprocket intake/exhaust
KTQ72001	1	
TTQ72001	1	Timing belt
DKQ72001	1	
SKQ72001A	1	
SKQ72001B	1	Chain guide
DRQ72001	1	
		
OFQ72001	1	
BOQ72001	4	
ITQ72001	4	Assembly

For any other engine part, please contact us !



USED FOR
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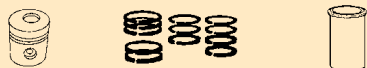

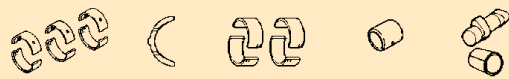
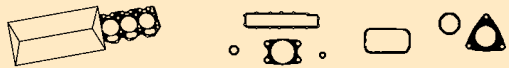




Used for: IH

Used for: IH BD154

Specifications: Diesel · 4 cylinders · Bore: 88,90 mm

In: MANITOU, CASE IH

REF	Qty/eng	Remarks
		
PI665001STD	4	STD
1SE665001STD	4	STD
CH665001	4	Finished
AS665001	4	With liner seals
		
IK665001	4	
UK665001	4	
KS665001	4	
IG665001	4	
UG665001	4	
		
HL665001STD	1	STD, with fixed thrust washers
HL665001010	1	0.010" undersize, with fixed thrust washers
HL665001020	1	0.020" undersize, with fixed thrust washers
HL665001030	1	0.030" undersize, with fixed thrust washers
4BL665001STD	1	STD
4BL665001010	1	0.010" undersize
4BL665001020	1	0.020" undersize
4BL665001030	1	0.030" undersize
PB665001	4	
NL665001	1	
		
KP665001	1	
BP665001	1	
CP665001	1	
JC665001	1	
SV665001	1	
SA665001	1	
KD665001	1	
		
CB665001A	15	Short
CB665001B	1	Long

REF	Qty/eng	Remarks
BB665001	8	
OP665001	1	
WP665001	1	Total height 145,0 mm Total length 239,0 mm With gasket 
		
NA665001	1	
NT665001	1	
KT665001	1	33 teeth
TT665001	1	
		
OF665001	1	
GB665001	4	
IT665001	4	

For any other engine part, please contact us !



Used for: IH D111

Specifications: Diesel · 3 cylinders · Bore: 87,30 mm

In: MANITOU, CASE IH

Used for: IH

REF	Qty/eng	Remarks
1SE665002STD	3	STD
AS665002	3	With liner seals
IK665002	3	Oversize dia: 36,0 mm Length: 148,0 mm
UK665002	3	Diameter: 32,0 mm Length: 148,0 mm
1HL665002ASTD	3	STD
1HL665002A010	3	0.010" undersize
1HL665002A020	3	0.020" undersize
1HL665002A030	3	0.030" undersize
1HL665002BSTD	1	STD, bearing pair with fixed thrust washers
1HL665002B010	1	0.010" undersize, bearing pair with fixed thrust washers
1HL665002B020	1	0.020" undersize, bearing pair with fixed thrust washers
1HL665002B030	1	0.030" undersize, bearing pair with fixed thrust washers
BL665002STD	3	STD
BL665002010	3	0.010" undersize
BL665002020	3	0.020" undersize
BL665002030	3	0.030" undersize
PB665002	3	
BP665002	1	
JC665002	1	
SV665002	1	
SA665002	1	
KD665002	1	
BB665002	6	

REF	Qty/eng	Remarks
WP665002	1	Total height: 134,0 mm Total length: 160,0 mm With gasket
GB665002	3	

For any other engine part, please contact us !



Used for: IH

Used for: IH D155

Specifications: Diesel · 3 cylinders · Bore: 98,40 mm

In: MANITOU, CASE IH

REF	Qty/ eng	Remarks
PI665003ASTD	3	STD, 3 ring design
PI665003BSTD	3	STD, AL_FIN, 3 ring design
SE665003ASTD	3	STD, 3 ring design
SE665003BSTD	3	STD, AL_FIN, 3 ring design
SE665003CSTD	3	STD, AL_FIN, 4 ring design
CH665003	3	Finished
AS665003ASTD	3	3 ring design
AS665003BSTD	3	AL_FIN, 3 ring design
IK665003	3	
UK66503	3	
KS665003	6	
KG665003	6	
HL665003STD	1	STD, with fixed thrust washers
HL665003010	1	0.010" undersize, with fixed thrust washers
HL665003020	1	0.020" undersize, with fixed thrust washers
HL665003030	1	0.030" undersize, with fixed thrust washers
4BL665003STD	1	STD
4BL665003010	1	0.010" undersize
4BL665003020	1	0.020" undersize
4BL665003030	1	0.030" undersize
PB665003	3	
1NL665003A	3	
1NL665003B	1	
BP665003	1	
CP665003	1	
JC665003	1	
KA665003	1	6 pieces
SV665003	1	
SA665003	1	
KD665003	1	

REF	Qty/ eng	Remarks
BB665003	6	With nut
OP665003	1	
WP665003A	1	Total height: 146,0 mm Total length: 212,0 mm With gasket
WP665003B	1	Total height: 146,0 mm Total length: 212,0 mm With gasket
RW665003	1	
KT665003	1	33 teeth
TT665003	1	68 teeth
OF665003A	1	Height: 98,0 mm
OF665003B	1	Height: 134,0 mm
OF665003C	1	Height: 117,0 mm

For any other engine part, please contact us !



Used for: IH D179

Specifications: Diesel · 3 cylinders · Bore: 98,40 mm

In: MANITOU, CASE IH

Used for: IH

REF	Qty/ eng	Remarks
PI665004ASTD	3	STD, 3 ring design
PI665004BSTD	3	STD, AL_FIN, 3 ring design
PI665004CSTD	3	STD, AL_FIN, 3 ring design, with electric pump - VE type
1SE665004ASTD	3	STD, 3 ring design
1SE665004BSTD	3	STD, AL_FIN, 3 ring design
1SE665004DSTD	3	STD, AL_FIN, 4 ring design
1SE665004CSTD	3	STD, AL_FIN, 3 ring design, with electric pump - VE type
CH665004	3	Finished
AS665004ASTD	3	STD, 3 ring design
AS665004BSTD	3	STD, AL_FIN, 3 ring design
AS665004CSTD	3	STD, AL_FIN, 3 ring design, with electric pump - VE type
IK665004	3	
UK665004	3	
KG664004	6	
HL665004STD	1	STD, with fixed thrust washers
HL665004010	1	0.010" undersize, with fixed thrust washers
HL665004020	1	0.020" undersize, with fixed thrust washers
HL665004030	1	0.030" undersize, with fixed thrust washers
4BL665004STD	1	STD
4BL665004010	1	0.010" undersize
4BL665004020	1	0.020" undersize
4BL665004030	1	0.030" undersize
PB665004	3	
BP665004	1	
CP665004	1	
JC665004	1	
KA665004	1	6 pieces
SV665004	1	
SA665004	1	

REF	Qty/ eng	Remarks
KD665004	1	
BB665004	6	With nut
OP665004	1	
WP665004A	1	Height: 110,0 mm Width: 112,0 mm
		With gasket
WP665004B	1	Total height: 146,0 mm Total length: 212,0 mm
		With gasket
RW665004	1	
OF665004A	1	Height: 134,0 mm
OF665004B	1	Height: 143,0 mm
OF665004C	1	Height: 223,0 mm

For any other engine part, please contact us !



NOTES

NOTES

A series of horizontal dotted lines for taking notes.



USED FOR
ISUZU



Used for: **ISUZU 4FA1**

Specifications: **Diesel · 4 cylinders · Bore: 76,00 mm**

In: **TCM, KOMATSU**

REF	Qty/ eng	Remarks
PI134003STD	4	STD, without piston pin and rings
PI134003050	4	0,500 mm oversize, without piston pin and rings
PI134003100	4	1,000 mm oversize, without piston pin and rings
PP134003	4	
PC134003	8	
1SE134003STD	4	STD, for one piston
1SE134003050	4	0,500 mm oversize, for one piston
1SE134003100	4	1,000 mm oversize, for one piston
IK134003	4	
UK134003	4	
KG134003	8	
HL134003STD	1	STD shaft dia: 55,932 mm
HL134003025	1	0,250 mm undersize
HL134003050	1	0,500 mm undersize
HL134003075	1	0,750 mm undersize
HL134003100	1	1,000 mm undersize
AL134003STDA	1	STD shaft dia: 63,000 mm, STD thickness: 2,360 mm
AL1340030125A	1	0,125 mm undersize
AL134003013A	1	0,130 mm undersize
AL134003025A	1	0,250 mm undersize
AL134003STDB	1	STD shaft dia: 64,000 mm, STD thickness: 2,360 mm
AL1340030125B	1	0,125 mm undersize
AL134003025B	1	0,250 mm undersize
BL134003STD	4	STD shaft dia: 48,940 mm
BL134003025	4	0,250 mm undersize
BL134003050	4	0,500 mm undersize
BL134003075	4	0,750 mm undersize
BL134003100	4	1,000 mm undersize
PB134003	4	
2NL134003	5	STD shaft dia: 27,975 mm
KP134003A	1	Valve seals not included, with oil seals

REF	Qty/ eng	Remarks	
KP134003B	1	No valve seals including, with oil seals	
KP134003C	1	No valve seals including, with oil seals	
KP134003D	1	No valve seals including, with oil seals	
JC134003	1		
KA134003	8		
SV134003A	1	68,0 x 50,0 x 9,0 mm	
SV134003B	1	77,0 x 60,0 x 9,0 mm	
SA134003	1		
KD134003	1		
CB134003	10		
VP134003	1		
BB134003	8		
BM134003	8		
OP134003A	1		
OP134003B	1	For 4FA1PTE, FD20Z12, FD23Z12, FD25Z12	
WP134003A	1	Total height: 126,0 mm Total length: 231,0 mm	

For any other engine part, please contact us !



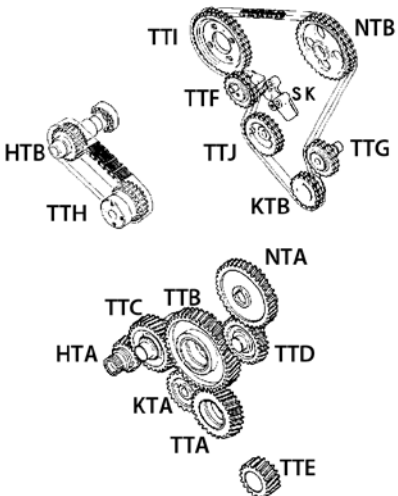
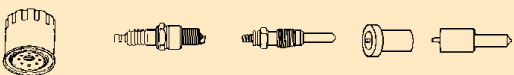


Used for: ISUZU 4FA1

Specifications: Diesel · 4 cylinders · Bore: 76,00 mm

In: TCM, KOMATSU

Used for: ISUZU

REF	Qty/ eng	Remarks	
WP134003B	1	Total height: 115,2 mm Total length: 251,0 mm	With gasket 
			
NA134003	1		
NT134003A	1		
NT134003B	1	Sprocket	
KT134003A	1		
KT134003B	1	Sprocket	
TT134003A	1		
TT134003B	1		
TT134003C	1		
TT134003D	1		
TT134003E	1		
TT134003F	1	Tension wheel, sprocket	
TT134003G	1	Sprocket	
TT134003H	1	Sprocket	
TT134003I	1	Injection pump, sprocket	
TT134003J	1	Sprocket	
HT134003A	1		
HT134003B	1	Sprocket, chain	
DK134003	1		
SK134003	1		
HK134003	1		
			
			
OF134003	1		
GB134003	4		
IT134003	4		

For any other engine part, please contact us !



Used for: ISUZU 4FE1

Specifications: Diesel · 4 cylinders · Bore: 76,30 mm

In: KOMATSU, TCM

REF	Qty/ eng	Remarks
PI134004STDA	4	STD, without piston pin and rings Top ring thickness: 2,0 mm
PI134004050A	4	0,500 mm oversize, without piston pin and rings Top ring thickness: 2,0 mm
PI134004100A	4	1,000 mm oversize, without piston pin and rings Top ring thickness: 2,0 mm
PI134004STDB	4	STD, without piston pin and rings Top ring thickness: 2,5 mm
PI134004050B	4	0,500 mm oversize, without piston pin and rings Top ring thickness: 2,5 mm
PI134004100B	4	1,000 mm oversize, without piston pin and rings Top ring thickness: 2,5 mm
PP134004	4	
PC134004	8	
1SE134004STDA	4	STD Top ring thickness: 2,0 mm
1SE134004050A	1	0,500 mm oversize Top ring thickness: 2,0 mm
1SE134004100A	4	1,000 mm oversize Top ring thickness: 2,0 mm
1SE134004STDB	4	STD Top ring thickness: 2,5 mm
1SE134004050B	4	0,500 mm oversize Top ring thickness: 2,5 mm
1SE134004100B	4	1,000 mm oversize Top ring thickness: 2,5 mm
IK134004	4	
UK134004	4	
KG134004	8	
HL134004STD	1	STD shaft dia: 55,932 mm
HL134004025	1	0,250 mm undersize
HL134004050	1	0,500 mm undersize
HL134004075	1	0,750 mm undersize
HL134004100	1	1,000 mm undersize
AL134004STD	1	STD shaft dia: 64,00 mm STD thickness: 2,36 mm
AL1340040125	1	0,125 mm undersize
AL134004025	1	0,250 mm undersize
BL134004STD	4	STD shaft dia: 48,94 mm
BL134004025	4	0,250 mm undersize
BL134004050	4	0,500 mm undersize
BL134004075	4	0,750 mm undersize

REF	Qty/ eng	Remarks
BL134004100	4	1,000 mm undersize
PB134004	4	STD shaft dia: 25,00 mm
NL134004	1	STD shaft dia: 27,975 mm
KP134004	1	Oil seals not included
JC134004	1	
KA134004	8	
SV134004	1	
SA134004	1	
KD134004	1	
CB134004	10	
VP134004	1	
BB134004	8	
BM134004	8	
OP134004	1	
WP134004	1	Total height: 115,2 mm Total length: 251,0 mm With gasket
NA134004	1	
NT134004	1	
KT134004	1	
TT134004A	1	
TT134004B	1	
TT134004C	1	
TT134004D	1	
TT134004E	1	
HT134004	1	
OF134004	1	
GB134004	4	
IT134004	4	

For any other engine part, please contact us !



Used for: **ISUZU 4JB1**

Specifications: **Diesel · 4 cylinders · Bore: 93,00 mm**

In: **AICHI, HYSTER**

REF	Qty/ eng	Remarks
PI134006STD	4	STD, without piston pin and rings
PP134006	4	
PC134006	8	
1SE134006STD	4	STD
CH134006	4	Finished
4AS134006	1	
IK134006	4	
UK134006	4	
KS134006	8	
KG134006	8	
2HL134006STD	5	STD STD shaft dia: 69,932 mm
HL134006025	1	0,250 mm undersize
HL134006050	1	0,500 mm undersize
HL134006075	1	0,750 mm undersize
HL134006100	1	1,000 mm undersize
AL134006STD	1	STD shaft dia: 78,050 mm STD thickness: 2,480 mm
AL1340060125	1	0,125 mm undersize
AL1340060250	1	0,250 mm undersize
BL134006STD	4	STD shaft dia: 52,930 mm
BL134006025	4	0,250 mm undersize
BL134006050	4	0,500 mm undersize
BL134006075	4	0,750 mm undersize
BL134006100	4	1,000 mm undersize
PB134006	4	
NL134006STD	1	STD shaft dia: 49,975 mm
NL134006050	1	0,500 mm undersize
NL134006100	1	1,000 mm undersize
KP134006	1	With front and rear oil seals, with valve seals
JC134006	1	
KA134006	8	

REF	Qty/ eng	Remarks
SV134006	1	
SA134006	1	
KD134006	1	
CB134006	18	
VP134006	1	
BB134006	8	
BM134006	8	
OP134006	1	
WP134006A	1	Total height: 126,0 mm Total length: 256,0 mm With gasket
WP134006B	1	Total height: 119,0 mm Total length: 171,0 mm With gasket
RW134006	1	
NA134006	1	
NT134006	1	
KT134006	1	
OF134006	1	
GB134006	4	
IT134006	4	


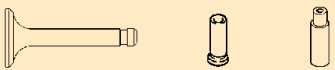

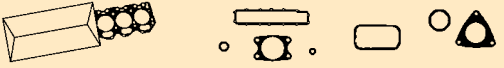


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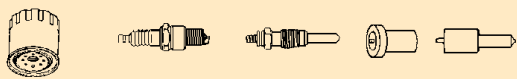


Used for: **ISUZU 4JG1**

Specifications: **Diesel · 4 cylinders · Bore: 95,40 mm · Displacement: 3,059 l**

In: **JCB 8060, 8080**

REF	Qty/eng	Remarks
		
PI134011STD	4	
PP134011	4	
PC134011	8	
1SE134011STD	4	
CH134011	4	
		
IK134011	4	
UK134011	4	
KS134011	8	
KG134011	8	
		
2HL134011STDA	5	STD, STD shaft dia: 70,000 mm, blue
2HL134011STDB	5	STD, STD shaft dia: 70,000 mm, black
2HL134011STDC	5	STD, STD shaft dia: 70,000 mm, green
1AL134011STD	2	STD
BL134011STD	4	STD, STD shaft dia: 53,000 mm
PB134011	1	
NL134011	1	
		
KP134011	1	
BP134011	1	
CP134011	1	
JC134011A	1	Thickness: 1,60 mm, 1 hole 
JC134011B	1	Thickness: 1,65 mm, 2 holes 

REF	Qty/eng	Remarks
JC134011C	1	Thickness: 1,70 mm, 3 holes 
KA134011	8	
SV134011	1	68,0 x 50,0 x 9,0 mm, rubber
SA134011	1	118,0 x 95,0 x 13,0 mm Metal-Viton-felt
KD134011	1	
		
CB134011	18	
VP134011	1	
BB134011	8	
BM134011	8	
		
OP134011	1	
		
NA134011	1	
NT134011	1	
KT134011	1	
TT134011A	1	Number of teeth: 43
TT134011B	1	Number of teeth: 52
		
OF134011	1	
GB134011A	4	For 12 V system
GB134011B	4	For 24 V system
IT134011	1	

For any other engine part, please contact us !



Used for: **ISUZU 4JG2**

Specifications: **Diesel · 4 cylinders · Bore: 95,40 mm · In: HYSTER, KOMATSU, TCM, YANG/YAM/PUMA, HYUNDAI, BAOLI, KELVIN, EP FORKLIFT, FEELER, HALLA, UN FORKLIFT, LONKING FORKLIFT, GOODSENSE, PATRIA, HELI**

Used for: ISUZU

REF	Qty/ eng	Remarks
PI134008STD	4	STD, without pin and circlips
PP134008	4	
PC134008	8	
1SE134008STD	4	STD
CH134008	4	Finished
IK134008	4	
UK134008	4	
KS134008	8	
KG134008	8	
2HL134008STDA	5	STD, 1 pair of bearings, blue
2HL134008STDB	5	STD, 1 pair of bearings, black
2HL134008STDC	5	STD, 1 pair of bearings, green
1AL134008STD	4	STD
1AL1340080125	4	0,125 mm undersize
1AL1340080250	4	0,250 mm undersize
BL134008STD	4	STD
BL134008025	4	0,250 mm undersize
BL134008050	4	0,500 mm undersize
BL134008075	4	0,750 mm undersize
BL134008100	4	1,000 mm undersize
PB134008	4	
NL134008STD	1	STD
NL134008050	1	0,500 mm undersize
NL134008100	1	1,000 mm undersize
KP134008A	1	For HYSTER with JCA thickness: 1,5 mm
KP134008B	1	For KOMATSU, TCM with JCA thickness: 1,5 mm
JC134008A	1	Thickness: 1,50 mm



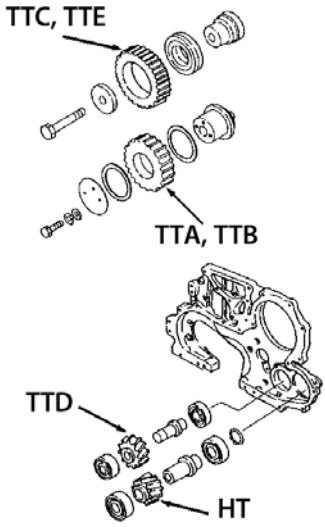

REF	Qty/ eng	Remarks
JC134008B	1	Thickness: 1,55 mm
JC134008C	1	Thickness: 1,60 mm
KA134008	8	
SV134008A	1	
SV134008B	1	
SA134008A	1	118,0 x 95,0 x 9,5 mm, with wear ring
SA134008B	1	118,0 x 95,0 x 10,0 mm
SA134008C	1	118,0 x 95,0 x 20,0 mm
KD134008	1	
CB134008	18	
VP134008	1	
BB134008	8	
OP134008A	1	For HYSTER
OP134008B	1	For KOMATSU, TCM
WP134008A	1	Total height: 126,0 mm Total length: 256,0 mm With curved notch

For any other engine part, please contact us !



Used for: ISUZU 4JG2

Specifications: Diesel · 4 cylinders · Bore: 95,40 mm · In: HYSTER, KOMATSU, TCM, YANG/YAM/PUMA, HYUNDAI, BAOLI, KELVIN, EP FORKLIFT, FEELER, HALLA, UN FORKLIFT, LONKING FORKLIFT, GOODSENSE, PATRIA, HELI

REF	Qty/eng	Remarks
WP134008B	1	Total height: 126,0 mm Total length: 253,0 mm Without notch 
R0134008	1	
RW134008	1	
		
NA134008	1	
NT134008A	1	For HYSTER
NT134008B	1	For KOMATSU, TCM
KT134008A	1	For HYSTER
KT134008B	1	For KOMATSU, TCM
TT134008A	1	For HYSTER
TT134008B	1	For KOMATSU, TCM
TT134008C	1	For KOMATSU, TCM
TT134008D	1	For KOMATSU, TCM
TT134008E	1	For HYSTER
HT134008	1	
		
OF134008A	1	Height: 102,0 mm, thread M20
OF134008B	1	Height: 127,0 mm, thread M26
GB134008	4	
IT134008	4	

For any other engine part, please contact us !



Used for: ISUZU 4LB1

Specifications: Diesel · 4 cylinders · Bore: 77,40 mm

In: KOMATSU, TCM

Used for: ISUZU

REF	Qty/ eng	Remarks
PI134009STDA	4	STD Pin dia: 21,0 mm
PI134009STDB	4	STD Pin dia: 25,0 mm
PI134009025A	4	0,250 mm oversize Pin dia: 21,0 mm
PI134009025B	4	0,250 mm oversize Pin dia: 25,0 mm
PP134009A	4	Dia: 21,0 mm
PP134009B	4	Dia: 25,0 mm
PC134009A	8	Dia: 21,0 mm
PC134009B	8	Dia: 25,0 mm
1SE134009STD	4	STD
1SE134009025	4	0,250 mm oversize
IK134009	4	
UK134009	4	
KS134009	8	
KG134009	8	
HL134009STD	1	STD
1AL134009STD	2	STD
BL134009STD	4	STD
PB134009A	4	Dia: 21,0 mm
PB134009B	4	Dia: 25,0 mm
NL134009		
KP134009A	1	With KDA, JC and KA
KP134009B	1	With KDB, JC and KA
JC134009	1	
KA134009	8	
SV134009	1	
SA134009	1	
KD134009A	1	

REF	Qty/ eng	Remarks
KD134009B	1	
CB134009A	10	Length: 88,5 mm
CB134009B	5	M8 x 1,25 mm Length: 25,0 mm
CB134009SET	1	
VP134009	1	
BB134009	8	
BM134009	8	
OP134009	1	
WP134009	1	Total height: 123,8 mm Total length: 209,0 mm Without gasket
NA134009	1	
NT134009	1	
KT134009	1	
OF134009		
GB134009	4	
IT134009A	4	NP-DN4PDN101
IT134009B	4	NP-DN0PDN112

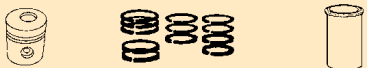
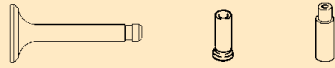

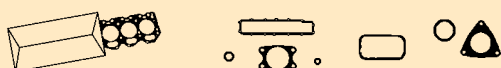


For any other engine part, please contact us !



Used for: **ISUZU 4LE2 XYSJ01**

Specifications: **Diesel** · 4 cylinders · Bore: **85,00 mm** · Displacement: **2,200 l**

In: **JCB 8085 ZTS**

REF	Qty/eng	Remarks
		
PI134012STD	4	STD
PI134012025	4	Oversize: 0,250 mm
PP134012	4	
PC134012	8	
1SE134012STD	4	STD
1SE134012025	4	Oversize: 0,250 mm
		
IK134012	4	
UK134012	4	
KS134012	8	
KG134012	8	
		
HL134012STD	1	STD
1AL134012STD	2	STD
BL134012STD	4	STD
PB134012	4	
NL134012A	1	Front
NL134012B	1	Rear
		
KP134012	1	
JC134012	1	
		
KA134012	8	
SV134012	1	68,0 x 50,0 x 9,0 mm, rubber
SA134012	1	96,0 x 80,0 x 9,0 mm, rubber
KD134012	1	
		
CB134012A	5	Dia: 8,0 mm Length: 25,0 mm
CB134012B	10	Dia: 12,0 mm Length: 89,0 mm
VP134012	1	
BB134012	8	
BM134012	8	

REF	Qty/eng	Remarks
		
OP134012A	1	Includes mounting flange
		
OP134012B	1	Pump only
		
WP134012	1	Total height: 157,00 mm Total length: 238,00 mm
		
		
NA134012	1	
NT134012	1	
KT134012	1	
TT134012	1	
		
OF134012	1	
GB134012	4	
IT134012	4	

For any other engine part, please contact us !



Used for: ISUZU 6BB1

Specifications: **Gasoline** · **6 cylinders** · Bore: **102,00 mm**

In: **KOMATSU, TCM**

Used for: ISUZU

REF	Qty/ eng	Remarks
PI134010STD	6	STD
PP134010	6	
PC134010	12	
1SE134010STD	6	STD
CH134010	6	Finished
6AS134010	1	
IK134010	6	
UK134010	6	
KS134010	12	
KG134010	12	
HL134010STD	1	STD Thrust washers included
HL134010025	1	0,250 mm undersize Thrust washers included
HL134010050	1	0,500 mm undersize Thrust washers included
AL134010STD	2	STD
BL134010STD	6	STD
BL134010025	6	0,250 mm undersize
BL134010050	6	0,500 mm undersize
PB134010	6	
NL134010	1	
KP134010	1	
JC134010	1	
KA134010	12	
SV134010	1	
SA134010	1	
KD134010	1	
CB134010SET	1	Engine set
CB134010A	20	M12 x 126,0 mm
CB134010B	6	M12 x 113,0 mm
VP134010	1	
BB134010	12	

REF	Qty/ eng	Remarks
OP134010	1	
WP134010	1	With gasket
NA134010	1	
NT134010	1	
KT134010	1	
TT134010	1	
OF134010	1	
GB134010	6	

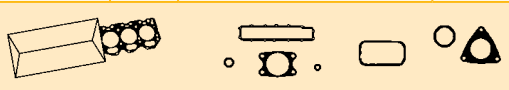
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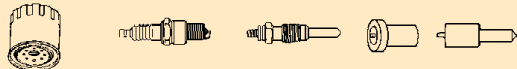


Used for: **ISUZU C221**

Specifications: **Diesel · 4 cylinders · Bore: 83,00 mm**

In: **KOMATSU, TCM**

REF	Qty/eng	Remarks
		
PI134002STD	4	STD
SE134002STD	1	STD
CH134002	4	Finished
AS134002	4	
		
IK134002	4	
UK134002	4	
KS134002	8	
IG134002	4	
UG134002	4	
		
HL134002STD	1	STD shaft dia: 69,932 mm
HL134002025	1	0,250 mm undersize
HL134002050	1	0,500 mm undersize
HL134002075	1	0,750 mm undersize
HL134002100	1	1,000 mm undersize
HL134002125	1	1,250 mm undersize
HL134002150	1	1,500 mm undersize
1AL134002STD	2	STD shaft dia: 78,050 mm STD thickness: 2,480 mm
1AL1340020125	2	0,125 mm undersize
1AL1340020250	2	0,250 mm undersize
BL134002STD	4	STD shaft dia: 52,93 mm
BL134002025	4	0,250 mm undersize
BL134002050	4	0,500 mm undersize
BL134002075	4	0,750 mm undersize
BL134002100	4	1,000 mm undersize
PB134002	4	STD shaft dia: 25,00 mm
NL134002STDA	1	STD shaft dia: 47,975 mm Max. length: 25 mm ('81)
NL134002025A	1	0,250 mm undersize ('81)
NL134002050A	1	0,500 mm undersize ('81)
NL134002STDB	1	STD shaft dia: 47,975 mm Max. length: 22 mm ('81-)
NL1340020125B	1	0,125 mm undersize ('81-)
NL134002025B	1	0,250 mm undersize ('81-)
NL134002050B	1	0,500 mm undersize ('81-)
		
KP134002	1	With front and rear oil seals, with valve seals
BP134002	1	

REF	Qty/eng	Remarks
		
JC134002	1	
KA134002	8	
SV134002	1	
SA134002	1	
KD134002	1	
		
CB134002	19	
VP134002	1	
BB134002	8	
		
OP134002A	1	
		
OP134002B	1	
		
WP134002A	1	Total height: 127,0 mm Total length: 254,0 mm
		With gasket
RW134002A	1	
RW134002B	1	Dia: 35,0 mm
RW134002C	1	Dia: 40,0 mm
		
NA134002	1	
NT134002	1	
KT134002	1	
TT134002	1	
		
OF134002	1	
GB134002A	4	10,6 V; M10; total length: 89,0 mm
GB134002B	4	20,5 V; M10; total length: 98,0 mm
IT134002	4	

For any other engine part, please contact us !



Used for: **ISUZU C240**

Specifications: **Diesel · 4 cylinders · Bore: 86,00 mm · In: KOMATSU, TCM, HYSTER, HANGCHA, MAST, HANSELIFTER, EP FORKLIFT, FEELER, UN FORKLIFT, TRACMA, GOODSENSE, PATRIA, BAOLI, HELI**

Used for: ISUZU

REF	Qty/eng	Remarks		REF	Qty/eng	Remarks	
PI134001STDA	4	With 4 ring grooves, head shape A, without piston pin		HL134001025	1	0,250 mm undersize	
PI134001STDB	4	With 4 ring grooves, head shape B, without piston pin		HL134001050	1	0,500 mm undersize	
PI134001STDC	4	With 3 ring grooves, height: 84,6 mm, without piston pin		HL134001075	1	0,750 mm undersize	
PI134001STDD	4	With 3 ring grooves, height: 96,6 mm, without piston pin		HL134001100	1	1,000 mm undersize	
PP134001A	4	Length: 68 mm		HL134001125	1	1,250 mm undersize	
PP134001B	4	Length: 72 mm		HL134001150	1	1,500 mm undersize	
PC134001	8			1AL134001STD	2	STD, thickness: 2,480 mm, shaft dia: 78,050 mm	
1SE134001STDA	4	Used with piston A		1AL1340010125	2	0,125 mm undersize	
1SE134001STDB	4	Used with piston B		1AL1340010250	2	0,250 mm undersize	
1SE134001STDC	4	Used with piston C		BL134001STDA	4	STD, length 22,53 mm Shaft dia 52,93 mm	
1SE134001STDD	4	Used with piston D		BL134001STDB	4	STD, length 21,53 mm Shaft dia 52,93 mm	
CH134001	4	Finished		BL134001025A	4	0,250 mm undersize Length 22,53 mm	
4AS134001A	1	With piston A		BL134001025B	4	0,250 mm undersize Length 21,53 mm	
4AS134001B	1	With piston B and piston pin bushing: 27,0 x 30,0 x 30,0 mm		BL134001050A	4	0,500 mm undersize Length 22,53 mm	
4AS134001C	1	With piston C		BL134001050B	4	0,500 mm undersize Length 21,53 mm	
4AS134001D	1	With piston D		BL134001075A	4	0,750 mm undersize Length 22,53 mm	
4AS134001E	1	With piston B and piston pin bushing: 27,0 x 30,0 x 34,0 mm		BL134001075B	4	0,750 mm undersize Length 21,53 mm	
IK134001A	4	D: 38,0 mm		BL134001100A	4	1,000 mm undersize Length 22,53 mm	
IK134001B	4	D: 40,0 mm		BL134001100B	4	1,000 mm undersize Length 21,53 mm	
UK134001A	4	UKA: D: 32,0 mm		BL134001125A	4	1,250 mm undersize Length 22,53 mm	
UK134001B	4	UKB: D: 34,0 mm		BL134001150A	4	1,500 mm undersize Length 22,53 mm	
KS134001	8			PB134001A	4	27,0 x 30,0 x 34,0 mm Shaft dia: 27,0 mm	
IG134001A	4	8,0 x 14,0 x 53,0 mm		PB134001B	4	27,0 x 30,0 x 30,0 mm Shaft dia: 27,0 mm	
UG134001A	4	8,0 x 14,0 x 55,0 mm		NL134001STDA	1	Max. length: 25 mm (-'81) Shaft dia: 47,975 mm	
UG134001B	4	8,0 x 14,0 x 48,0 mm		NL134001STDB	1	Max. length: 22 mm (-'81) Shaft dia: 47,975 mm	
KG134001B	8	8,0 x 14,0 x 50,0 mm		NL1340010125B	1	0,125 mm undersize Max. length: 22 mm ('81 -)	
				NL134001025A	1	0,250 mm undersize Max. length: 25 mm (- '81)	
HL134001STD	1	STD, shaft dia: 69,932 mm		NL134001025B	1	0,250 mm undersize Max. length: 22 mm ('81 -)	
				NL134001050A	1	0,500 mm undersize Max. length: 25 mm (- '81)	
				NL134001050B	1	0,500 mm undersize Max. length: 22 mm ('81 -)	

For any other engine part, please contact us !



Used for: **ISUZU C240**

Specifications: **Diesel · 4 cylinders · Bore: 86,00 mm · In: KOMATSU, TCM, HYSTER, HANGCHA, MAST, HANSELIFTER, EP FORKLIFT, FEELER, UN FORKLIFT, TRACMA, GOODSENSE, PATRIA, BAOLI, HELI**

REF	Qty/eng	Remarks	REF	Qty/eng	Remarks
KP134001A	1	Kit, with oil seals front and rear, with valve seals	OP134001A	1	<p>OPA: with groove in the shaft OPB: no groove in the shaft</p>
KP134001B	1	Kit, with oil seals front and rear, with valve seals KA134001A	OP134001B	1	
KP134001C	1	Kit, with oil seals front and rear, with valve seals	OP134001C	1	<p>OPC: 22,5 OPD: 23,2</p>
KP134001D	1	Kit, with oil seals front and rear, with valve seals KA134001B	OP134001D	1	
BP134001	1	Gasket valve regrind (Hyster)			
CP134001	1	Gasket kit bottom			
JC134001	1				
KA134001A	8	O-ring			
KA134001B	8				
SV134001	1				
SA134001	1				
KD134001A	1				
KD134001C	1				
CB134001	19		WP134001A	1	Total height: 136,0 mm Total length: 273,0 mm
VP134001	1				With gasket
BB134001A	8	No nut			
BB134001B	8	To fit with nut	WP134001B	1	Total height: 127,0 mm Total length: 254,0 mm Dia: 40,0 mm
BM134001	8				With gasket
			RW134001A	1	For WP134001A with bearing dia: 35,0 mm
			RW134001B	1	For WP134001A with bearing dia: 40,0 mm, impeller dia: 78,0 mm, height: 22,4 mm
			RW134001C	1	For WP134001A with bearing dia: 40,0 mm, impeller dia: 81,0 mm, height: 26,0 mm

For any other engine part, please contact us !



Used for: **ISUZU C240**

Specifications: **Diesel · 4 cylinders · Bore: 86,00 mm · In: KOMATSU, TCM, HYSTER, HANGCHA, MAST, HANSELIFTER, EP FORKLIFT, FEELER, UN FORKLIFT, TRACMA, GOODSENSE, PATRIA, BAOLI, HELI**

Used for: ISUZU

REF	Qty/ eng	Remarks	
RW134001D	1	For WP134001B with bearing dia: 40,0 mm	
NA134001	1		
NT134001	1		
KT134001	1		
TT134001A	1		
TT134001B	1	With place for 2 collars	
TT134001C	1	Gear idle, pump drive	
HT134001	1		
OF134001A	1	Element	
OF134001B	1	Cartridge	
GB134001A	4	10,5 V; M10 Total length: 89,0 mm	
GB134001B	4	11,0 V; M10 Total length: 90,0 mm	
GB134001C	4	9,0 V; M10 Total length: 89,5 mm	
GB134001D	4	20,5 V; M10 Total length: 98,0 mm	
IT134001A	4	DN0SD211	
IT134001B	4	DN12SD12	
IT134001C	4	DN0SD2110	



Used for: ISUZU DA220

Specifications: Diesel · 4 cylinders · Bore: 100,00 mm

In: TCM, KOMATSU

REF	Qty/ eng	Remarks	
PI134005STD	4	STD	
PI134005025	4	0,250 mm oversize	
PI134005050	4	0,500 mm oversize	
PI134005075	4	0,750 mm oversize	
PI134005100	4	1,000 mm oversize	
PI134005125	4	1,250 mm oversize	
PC134005	8		
SE134005STD	1	STD	
SE134005025	1	0,250 mm oversize	
SE134005050	1	0,500 mm oversize	
SE134005075	1	0,750 mm oversize	
SE134005100	1	1,000 mm oversize	
SE134005125	1	1,250 mm oversize	
CH134005A	4	Height: 220,0 mm Finished	
CH134005B	4	Height: 235,0 mm	
4AS134005	1	Kit includes liner B	
IK134005A	4	D: 44,1 mm	
IK134005B	4	D: 45,55 mm	
UK134005A	4	D: 40,1 mm	
UK134005B	4	D: 42,1 mm	
KS134005	8		
KG134005	8		
HL134005STD	1	STD shaft dia: 74,95 mm	
HL134005025	1	0,250 mm undersize	
HL134005050	1	0,500 mm undersize	
HL134005075	1	0,750 mm undersize	
HL134005100	1	1,000 mm undersize	
AL134005STD	1	STD shaft dia: 82,250 mm STD thickness: 3,480 mm	
AL1340050125	1	0,125 mm undersize	
AL134005025	1	0,250 mm undersize	

REF	Qty/ eng	Remarks	
AL134005050	1	0,500 mm undersize	
BL134005STD	4	STD shaft dia: 63,95 mm	
BL134005025	4	0,250 mm undersize	
BL134005050	4	0,500 mm undersize	
BL134005075	4	0,750 mm undersize	
BL134005100	4	1,000 mm undersize	
BL134005125	4	1,250 mm undersize	
PB134005	4		
1NL134005A	1	Front	
1NL134005B	1	Centre	
1NL134005C	1	Rear	
KP134005	1	No oil seals, with valve seals	
BP134005	1		
JC134005	1		
KA134005	8		
SV134005	1		
SA134005	1		
KD134005	1		
CB134005	21		
VP134005	1		
BB134005	8		
BM134005	8		
OP134005	1		
WP134005A	1	Total height: 183,0 mm Total length: 268,0 mm	
		With gasket D1: 49,0 mm D2: 41,0 mm P: 128,0 mm	

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Used for: ISUZU DA220

Specifications: Diesel · 4 cylinders · Bore: 100,00 mm

In: TCM, KOMATSU

REF	Qty/ eng	Remarks	
WP134005B	1	Total height: 181,0 mm Total length: 245,0 mm D1: 49,0 mm D2: 20,0 mm P: 127,0 mm With gasket	
WP134005C	1	Total height: 167,0 mm Total length: 274,0 mm D1: 52,0 mm D2: 29,0 mm P: 110,0 mm With gasket	
RW134005A	1	Spindle dia: 20,0 mm	
RW134005B	1	Spindle dia: 17,0 mm	
			
			
NA134005	1		
NT134005	1		
KT134005	1		
TT134005	1		
			
OF134005A	1	Element	
OF134005B	1	Cartridge	
OF134005C	1		
GB134005	4		
IT134005	4		



Used for: ISUZU G201

Specifications: **Gasoline · 4 cylinders · Bore: 86,00 mm**

In: **KOMATSU, TCM**

REF	Qty/eng	Remarks
PI134007STD	4	STD, without piston pin and rings
PI134007025	4	0,250 mm oversize, without piston pin and rings
PI134007050	4	0,500 mm oversize, without piston pin and rings
PI134007075	4	0,750 mm oversize, without piston pin and rings
PI134007100	4	1,000 mm oversize, without piston pin and rings
PI134007125	4	1,250 mm oversize, without piston pin and rings
PP134007	4	
PC134007	8	
SE134007STD	1	STD
SE134007025	1	0,250 mm oversize
SE134007050	1	0,500 mm oversize
SE134007075	1	0,750 mm oversize
SE134007100	1	1,000 mm oversize
SE134007125	1	1,250 mm oversize
IK134007	4	
UK134007	4	
KS134007	8	
IG134007	4	
UG134007	4	
HL134007STD	1	STD shaft dia: 59,932 mm
HL134007025	1	0,250 mm undersize
HL134007050	1	0,500 mm undersize
HL134007075	1	0,750 mm undersize
1AL134007STD	2	STD shaft dia: 73,050 mm STD thickness: 2,480 mm
4BL134007STD	1	STD shaft dia: 52,930 mm
4BL134007025	1	0,250 mm undersize
PB134007	4	
KP134007	1	Without valve seals, with front and rear oil seals
JC134007	1	

REF	Qty/eng	Remarks
KA134007	8	
SV134007	1	
SA134007	1	
KD134007	1	
CB134007	10	
VP134007	1	
BB134007	8	
OP134007	1	
WP134007	1	Total height: 127,0 mm Total length: 254,0 mm With gasket
RW134007	1	
NA134007	1	
NT134007	1	
KT134007	1	
DK134007	1	
OF134007	1	
B0134007A	4	Type: W 16 EPU
B0134007B	4	Type: W 14 EXU

For any other engine part, please contact us !




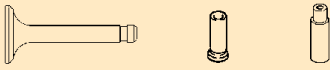
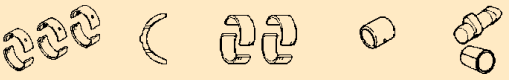
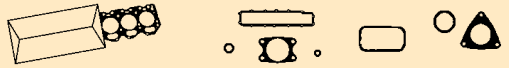
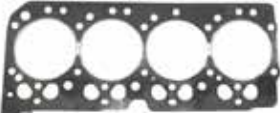



USED FOR
JOHN DEERE




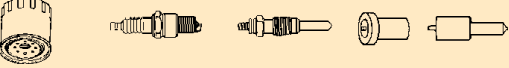


Used for: **JOHN DEERE 4045HMC92**

Specifications: **Diesel · 4 cylinders · Bore: 106,50 mm**

In: **MANITOU**

REF	Qty/ eng	Remarks
		
PPA23001	4	
PCA23001	8	
1SEA23001STD	4	STD
ASA23001	4	
		
IKA23001	8	
UKA23001	8	
KSA23001	16	
KGA23001	16	
		
2HLA23001ASTD	4	STD
2HLA23001BSTD	1	
BLA23001STD	4	STD
BLA23001010	4	0.010" undersize
		
KPA23001	1	
BPA23001	1	
JCA23001	1	
		
KAA23001A	8	Intake
KAA23001B	8	Exhaust
SVA23001	1	
SAA23001	1	
KDA23001A	1	
KDA23001B	1	Lower
		
CBA23001	18	
VPA23001	1	
BBA23001	8	
		
OPA23001	1	
		

REF	Qty/ eng	Remarks
WPA23001	1	Total height: 80,5 mm Total length: 240,0 mm  
		
NAA23001	1	
KTA23001	1	
TTA23001A	1	
TTA23001B	1	
		
OFA23001	1	
GBA23001	4	

For any other engine part, please contact us !



USED FOR
KIA



Used for: KIA

Used for: KIA HA

Specifications: Diesel · 4 cylinders · Bore: 95,00 mm

In: HALLA

REF	Qty/eng	Remarks
		
PIQ73001STD	4	STD
1SEQ73001STD	4	STD
CHQ73001	4	Semi-finished
		
IKQ73001	4	
UKQ73001	4	
KSQ73001	8	
		
HLQ73001STD	1	STD Shaft dia: 75,825 mm
HLQ73001025	1	0,250 mm undersize
HLQ73001050	1	0,500 mm undersize
HLQ73001075	1	0,750 mm undersize
HLQ73001100	1	1,000 mm undersize
ALQ73001STD	1	STD Thickness: 2,325 mm
ALQ73001025	1	0,250 mm undersize
ALQ73001050	1	0,500 mm undersize
ALQ73001075	1	0,750 mm undersize
ALQ73001100	1	1,000 mm undersize
BLQ73001STD	1	STD Shaft dia: 61,125 mm
BLQ73001025	1	0,250 mm undersize
BLQ73001050	1	0,500 mm undersize
BLQ73001075	1	0,750 mm undersize
BLQ73001100	1	1,000 mm undersize
		
KPQ73001	1	With JC
JCQ73001	1	
KAQ73001	8	
SVQ73001	1	
SAQ73001	1	
KDQ73001	1	
		
CBQ73001SET	1	Engine set
CBQ73001A	13	Total length: 115,5 mm

REF	Qty/eng	Remarks
CBQ73001B	7	
VPQ73001	1	
BBQ73001	8	
BMQ73001	8	
		
OPQ73001	1	
WPQ73001	1	Total height: 106,0 mm Total length: 107,0 mm With gasket 
		
NAQ73001	1	
NTQ73001	1	
KTQ73001	1	
TTQ73001	1	
		
OFQ73001	1	
GBQ73001	4	
ITQ73001	4	

For any other engine part, please contact us !



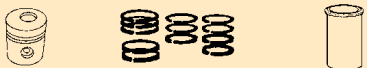

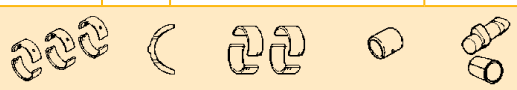
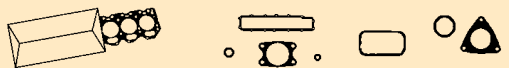
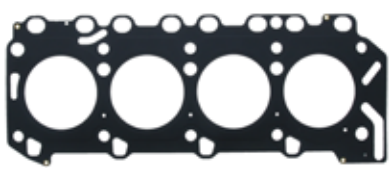
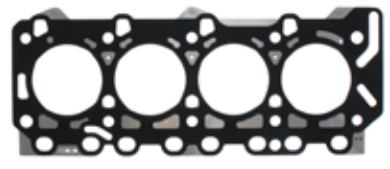
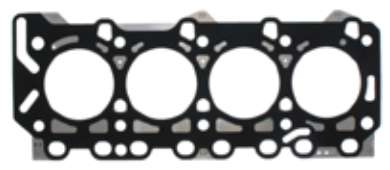
USED FOR
KOHLER



Used for: KOHLER KDI2504 TCR/22

Specifications: Diesel • 4 cylinders • Bore: 88,00 mm • Displacement: 2,482 l

In: JCB 85Z-1 86C-1

REF	Qty/eng	Remarks
		
PISE568001STD	4	STD
PISE568001020	4	Oversize: 0,200 mm
PP568001	4	
PC568001	8	
1SE568001STD	4	STD
		
IK568001	8	
UK568001	8	
KS568001	8	
KG568001	8	
		
2HL568001STD	5	STD
1AL568001STD	2	STD
BL568001STD	4	STD
PB568001	4	
NL568001	1	
		
KP568001	1	Head gasket not included
JC568001A	1	Thickness: 0,85 mm 
JC568001B	1	Thickness: 0,95 mm 
JC568001C	1	Thickness: 1,05 mm 
KA568001	8	
SV568001	1	
SA568001	1	100,0 x 83,0 x 10,0 mm Metal-rubber
KD568001	1	

REF	Qty/eng	Remarks
		
CB568001	10	
VP568001	1	
BB568001	8	
		
OP568001	1	
WP568001	1	Total height: 133,00 mm Total length: 181,00 mm  With gasket
		
NA568001	1	
NT568001	1	
KT568001	1	
TT568001	1	
		
OF568001	1	

For any other engine part, please contact us !





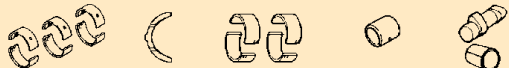
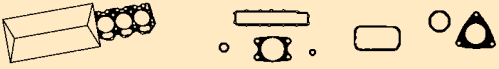

USED FOR
KOMATSU







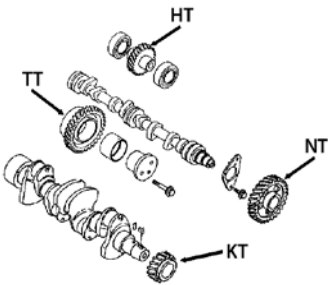



Used for: **KOMATSU 4D94E**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **KOMATSU**

REF	Qty/ eng	Remarks
		
PP107005	4	
PC107005	8	
1SE107005STD	4	STD
1SE107005025	4	0,250 mm oversize
1SE107005050	4	0,500 mm oversize
1SE107005100	4	1,000 mm oversize
PISE107005STD	4	STD, without piston pin
PISE107005025	4	0,250 mm oversize Without piston pin
PISE107005050	4	0,500 mm oversize Without piston pin
PISE107005100	4	1,000 mm oversize Without piston pin
		
IK107005	4	
UK107005	4	
KS107005	8	
KG107005	8	
		
2HL107005STD	5	STD
2HL107005025	5	0,250 mm undersize
2AL107005STD	2	STD
2AL107005025	2	0,250 mm undersize
BL107005STD	4	STD
BL107005025	4	0,250 mm undersize
PB107005	4	
NL107005	1	
		
KP107005A	1	Up to engine serial nr. 33541, use liquid oil pan gasket
KP107005B	1	From engine serial nr. 33542, use liquid oil pan gasket
BP107005A	1	With JCA, with valve seals
BP107005B	1	With JCB, with valve seals
CP107005	1	With liquid oil pan gasket
JC107005A	1	Metallic 

REF	Qty/ eng	Remarks
JC107005B	1	Carbon 
KA107005A	4	Intake
KA107005B	4	Exhaust
SV107005	1	
SA107005	1	
KD107005	1	
		
CB107005	18	
VP107005	1	
BB107005	8	
		
OP107005	1	
WP107005	1	Total height: 131,0 mm Total length: 250,0 mm With gasket 
		
NA107005	1	
NT107005	1	
KT107005	1	
TT107005	1	
HT107005	1	
		
OF107005	1	
GB107005	4	
IT107005	4	

For any other engine part, please contact us !



Used for: **KOMATSU 4D95 / 4D95S / 4D95SW / 4D95L**

Specifications: **Diesel · 4 cylinders · Bore: 95,00 mm**

In: **KOMATSU**

Used for: KOMATSU

REF	Qty/ eng	Remarks	
PI107001STDA	4	STD Height: 104,0 mm, without piston pin and rings	
PI107001025A	4	0,250 mm oversize Height: 104,0 mm, without piston pin and rings	
PI107001050A	4	0,500 mm oversize Height: 104,0 mm, without piston pin and rings	
PI107001STDB	4	STD, Height: 94,0 mm, without piston pin and rings	
PI107001025B	4	0,250 mm oversize Height: 94,0 mm, without piston pin and rings	
PI107001050B	4	0,500 mm oversize Height: 94,0 mm, without piston pin and rings	
PI107001STDC	4	STD, Height: 94,0 mm, without piston pin and rings	
PI107001025C	4	0,250 mm oversize Height: 94,0 mm, without piston pin and rings	
PI107001050C	4	0,500 mm oversize Height: 94,0 mm, without piston pin and rings	
PI107001STDD	4	STD, Height: 104,0 mm, without piston pin and rings	
PI107001025D	4	0,250 mm oversize Height: 104,0 mm, without piston pin and rings	
PI107001050D	4	0,500 mm oversize Height: 104,0 mm, without piston pin and rings	
PP107001	4		
PC107001	8		
1SE107001STDA	4	STD, for piston A and B	
1SE107001025A	4	0,250 mm oversize, for piston A and B	
1SE107001050A	4	0,500 mm oversize, for piston A and B	
1SE107001STDD	4	STD, for piston C and D	
1SE107001025D	4	0,250 mm oversize, for piston C and D	
1SE107001050D	4	0,500 mm oversize, for piston C and D	
CH107001	4	Finished	
IK107001	4		
UK107001	4		
KS107001	8		
KG107001	8		

REF	Qty/ eng	Remarks	
2HL107001STD	5	STD shaft dia: 70,015 mm	
2HL107001025	5	0,250 mm undersize	
2HL107001050	5	0,500 mm undersize	
2HL107001075	5	0,750 mm undersize	
2HL107001100	5	1,000 mm undersize	
AL107001STD	1	STD shaft dia: 77,300 mm STD thickness: 3,120 mm	
AL107001025	1	0,250 mm undersize	
AL107001050	1	0,500 mm undersize	
AL107001075	1	0,750 mm undersize	
AL107001100	1	1,000 mm undersize	
BL107001STD	4	STD shaft dia: 57,015 mm	
BL107001025	4	0,250 mm undersize	
BL107001050	4	0,500 mm undersize	
BL107001075	4	0,750 mm undersize	
BL107001100	4	1,000 mm undersize	
PB107001	4		
1NL107001A	1	STD shaft dia: 50,520 mm Max. length: 23,000 mm	
1NL107001B	2	STD shaft dia: 50,520 mm Max. length: 18,000 mm	
BP107001A	1	With 4 valve seals + JCA	
BP107001B	1	With 4 valve seals + JCB	
BP107001C	1	With 8 valve seals + JCA	
JC107001A	1	Indirect injection	
JC107001B	1	Direct injection	
DP107001A	1	With oil seal rear: 95,0 x 120,0 x 13,0 mm	
DP107001B	1	With oil seal rear: 95,0 x 120,0 x 17,5 mm	
DP107001C	1	With oil seal rear: 95,0 x 120,0 x 17,5 mm	
DP107001D	1	With oil seal rear: 95,0 x 120,0 x 13,0 mm	
DP107001E	1		

For any other engine part, please contact us !



Used for: **KOMATSU 4D95 / 4D95S / 4D95SW / 4D95L**

Specifications: **Diesel · 4 cylinders · Bore: 95,00 mm**

In: **KOMATSU**

Used for: KOMATSU

REF	Qty/eng	Remarks	
KA107001	8		
SV107001	1		
SA107001A	1	95,0 x 120,0 x 13,0 mm	
SA107001B	1	95,0 x 120,0 x 17,5 mm	
KD107001	1		
CB107001	17		
VP107001	1		
BB107001	8		
OP107001A	1	With gear with teeth in angle	
OP107001B	1	With gear with straight teeth	
WP107001A	1	Total height: 126,0 m Total length: 304,0 mm Without sensor holes	Without gasket
WP107001B	1	Total height: 128,0 mm Total length: 277,0 mm Aluminium	With gasket
WP107001C	1	Total height: 127,5 mm Total length: 242,0 mm	With gasket

REF	Qty/eng	Remarks	
WP107001D	1	Total height: 126,5 mm Total length: 306,0 mm With threaded sensor holes	With gasket
NA107001A	1	Journal dia: 50,40 mm	
NA107001B	1	Journal dia: 50,37 mm	
NT107001A	1	Number of teeth: 48	
NT107001B	1	Number of teeth: 52	
TT107001	1		
OF107001	1		
GB107001A	4	8.5 V, thread M10 Total length: 101,0 mm	
GB107001B	4	11 V, thread M10 Total length: 101,0 mm	
IT107001A	4	DN05DN177 Spray angle 0° Height: 27,0 mm	
IT107001B	4	DN4SDN223 Spray angle 4° Height: 27,0 mm	
IT107001C	4	DLLA152P60 Height: 42,7 mm	
IT107001D	4	DLLA150P77	

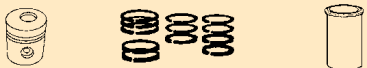

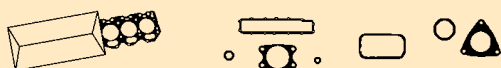

For any other engine part, please contact us !



Used for: **KOMATSU 4D105**

Specifications: **Diesel · 4 cylinders · Bore: 105,00 mm**

In: **KOMATSU**

REF	Qty/ eng	Remarks
		
PI107003STD	4	STD
PP107003	4	
PC107003	8	
SE107003STD	4	STD
PISE107003STD	4	STD
CH107003	4	
		
IK107003	4	
UK107003	4	
		
2HL107003STD	5	STD
2HL107003025	5	0,250 mm oversize
2HL107003050	5	0,500 mm oversize
2HL107003075	5	0,750 mm oversize
2HL107003100	5	1,000 mm oversize
AL107003STD	1	STD
AL107003025	1	0,250 mm oversize
AL107003050	1	0,500 mm oversize
AL107003075	1	0,750 mm oversize
AL107003100	1	1,000 mm oversize
BL107003STD	4	STD
BL107003025	4	0,250 mm oversize
BL107003050	4	0,500 mm oversize
BL107003075	4	0,750 mm oversize
BL107003100	4	1,000 mm oversize
PB107003	4	
1NL107003	3	
		
BP107003	1	
CP107003	1	
JC107003	1	
KA107003	4	
SV107003	1	
SA107003	1	
KD107003	1	

REF	Qty/ eng	Remarks
		
CB107003	18	M14 x 140,0 mm
		
OP107003	1	
WP107003	1	Total height: 220,0 mm Total length: 255,0 mm  Without gasket 
		
NA107003	1	
NT107003	1	
KT107003	1	
TT107003	1	
		
OF107003	1	
GB107003	1	
IT107003A	4	[-149999]
IT107003B	4	

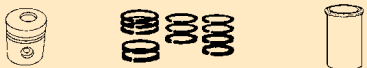
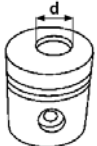
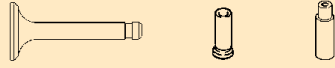
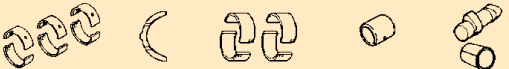
Used for: **KOMATSU**

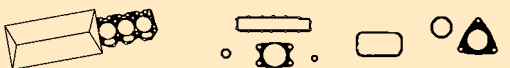

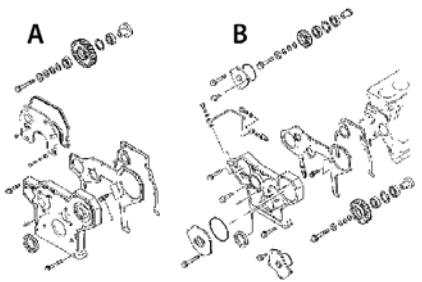





Used for: **KOMATSU 6D95**

Specifications: **Diesel · 6 cylinders · Bore: 95,00 mm**

In: **KOMATSU**

REF	Qty/ eng	Remarks	
			
PI107002STDA	6	STD, d: 51 mm Without piston pin and rings	
PI107002025A	6	0,250 mm oversize d: 51 mm Without piston pin and rings	
PI107002050A	6	0,500 mm oversize d: 51 mm Without piston pin and rings	
PI107002STDB	6	STD, d: 54 mm Without piston pin and rings	
PI107002025B	6	0,250 mm oversize d: 54 mm Without piston pin and rings	
PI107002050B	6	0,500 mm oversize d: 54 mm Without piston pin and rings	
PP107002	6		
PC107002	12		
1SE107002STD	6	STD	
1SE107002025	6	0,250 mm oversize	
1SE107002050	6	0,500 mm oversize	
CH107002	6	Finished	
			
IK107002	6		
UK107002	6		
KS107002	12		
KG107002	12		
			
2HL107002STD	7	STD shaft dia: 70,015 mm	
2HL107002025	7	0,250 mm undersize	
2HL107002050	7	0,500 mm undersize	
2HL107002075	7	0,750 mm undersize	
2HL107002100	7	1,000 mm undersize	
AL107002STD	1	STD shaft dia: 77,300 mm STD thickness: 3,120 mm	
AL107002025	1	0,250 mm undersize	
AL107002050	1	0,500 mm undersize	
AL107002075	1	0,750 mm undersize	
AL107002100	1	1,000 mm undersize	
BL107002STD	6	STD shaft dia: 57,015 mm	
BL107002025	6	0,250 mm undersize	
BL107002050	6	0,500 mm undersize	
BL107002075	6	0,750 mm undersize	
BL107002100	6	1,000 mm undersize	
PB107002	6		

REF	Qty/ eng	Remarks	
1NL107002A	1	STD shaft dia: 50,52 mm Max. length: 23,0 mm	
1NL107002B	3	STD shaft dia: 50,52 mm Max. length: 18,0 mm	
			
BP107002A	1	With 12 valve seals	
BP107002B	1	With 6 valve seals	
JC107002	1		
DP107002A	1	Rear seal: 95,0 x 120,0 x 17,5 mm	
DP107002B	1	Rear seal: 95,0 x 120,0 x 17,5 mm	
DP107002C	1	Rear seal: 95,0 x 120,0 x 13,0 mm	
DP107002D	1	Rear seal: 95,0 x 120,0 x 13,0 mm, for FD25P-3	
DP107002E	1	Rear seal: 95,0 x 120,0 x 13,0 mm, for FDH/60H-4, FD70N-4	
KA107002	12		
SV107002	1		
SA107002A	1	95,0 x 120,0 x 13,0 mm	
SA107002B	1	95,0 x 120,0 x 17,5 mm	
KD107002	1		
			
			
CB107002	25		
VP107002	1		
BB107002	12		
			
OP107002	1		

For any other engine part, please contact us !



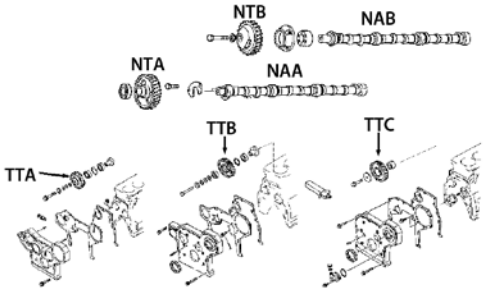



Used for: **KOMATSU 6D95**

Specifications: **Diesel · 6 cylinders · Bore: 95,00 mm**

In: **KOMATSU**

Used for: **KOMATSU**

REF	Qty/ eng	Remarks	
WP107002	1	Total height: 142,5 mm Total length: 322,0 mm	With gasket 
			
NA107002A	1		
NA107002C	1	For FD50H/60H-4, FD70N-4	
NT107002A	1	Total height: 51,5 mm Width: 30,2 mm	
NT107002B	1	Total height: 47,0 mm Width: 25,0 mm	
NT107002C	1	Total height: 21,0 mm Width: 17,0 mm, for FD50H/60H-4, FD70N-4	
NT107002D	1	Total height: 25,2 mm Width: 25,2 mm	
KT107002	1		
TT107002A	1		
TT107002B	1		
TT107002C	1	For FD50H/60H-4, FD70N-4	
			
			
OF107002	1		
IT107002A	6	DLLA152PN097	
IT107002B	6	DLLA152PN009	
IT107002C	6	DLLA152PN014	



Used for: **KOMATSU 6D105-1**

Specifications: **Diesel · 6 cylinders · Bore: 105,00 mm**

In: **KOMATSU**

REF	Qty/eng	Remarks	
PI107006STDA	6	STD, head shape A Not reinforced	A
PI107006STDB	6	STD, head shape B Not reinforced	B
PI107006STDC	6	STD, head shape B Reinforced	
PP107006	6	Not included with piston A and C	
PC107006	12	Not included with piston A and C	
1SE107006STD	6	STD	
CH107006	6	Finished	
IK107006	6		
UK107006	6		
KG107006	12		
2HL107006STD	7	STD	
2HL107006025	7	0,250 mm undersize	
2HL107006050	7	0,500 mm undersize	
2HL107006075	7	0,750 mm undersize	
2HL107006100	7	1,000 mm undersize	
AL107006STD	1	STD	
AL107006025	1	0,250 mm undersize	
AL107006050	1	0,500 mm undersize	
AL107006075	1	0,750 mm undersize	
AL107006100	1	1,000 mm undersize	
BL107006STD	6	STD	
BL107006025	6	0,250 mm undersize	
BL107006050	6	0,500 mm undersize	
BL107006075	6	0,750 mm undersize	
BL107006100	6	1,000 mm undersize	
PB107006	6		
1NL107006	4		
BP107006	1		
CP107006	1		

REF	Qty/eng	Remarks	
JC107006	1		
SV107006	1		
SA107006	1		
KD107006	1		
CB107006	14		
BB107006	12		
OP107006	1		
WP107006	1	Total height: 234,0 mm Total length: 310,0 mm	Without gasket
NA107006	1		
NT107006	1		
TT107006	1		
OF107006	1		
IT107006	6		

For any other engine part, please contact us !



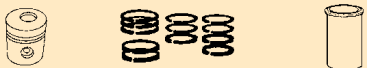
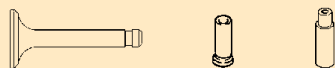
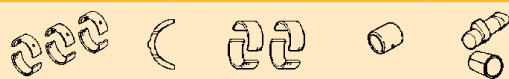
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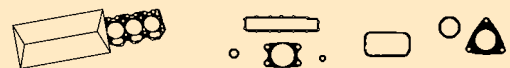








Used for: **KUBOTA D1005**

Specifications: **Diesel · 3 cylinders · Bore: 76,00 mm · Displacement: 1,001 l**

In: **KUBOTA, BOBCAT, SCHAFFER, BOMAG, TENNANT, JCB**

REF	Qty/ eng	Remarks
		
PI857014STDA	3	STD, E2B E3B
PI857014050A	3	Oversize: 0,500 mm, E2B E3B
PI857014STDB	3	STD, E4B
PI857014050B	3	Oversize: 0,500 mm, E4B
PP857014	3	
PC857014	6	
1SE857014STDA	3	E2B E3B
1SE857014050A	3	Oversize: 0,500 mm, E2B E3B
1SE857014STDB	3	E4B
1SE857014050B	3	Oversize: 0,500 mm, E4B
		
IK857014	3	
UK857014	3	
KS857014	6	
IG857014	3	
UG857014	3	
		
1HL857014STDA	1	STD, bush, front
1HL857014020A	1	Undersize: 0,200 mm Front, bush
1HL857014040A	1	Undersize: 0,400 mm Front, bush
2HL857014STDB	2	STD, STD shaft dia: 47,934-47,950 mm, middle
2HL857014020B	2	Undersize: 0,200 mm Middle
2HL857014040B	2	Undersize: 0,400 mm, Middle
2HL857014STDC	1	STD, rear
2HL857014020C	1	Undersize: 0,200 mm, rear
2HL857014040C	1	Undersize: 0,400 mm Rear
1AL857014STDA	2	STD, upper
1AL857014020A	2	Undersize: 0,200 mm, upper
1AL857014040A	2	Undersize: 0,400 mm, upper
1AL857014STDB	2	STD, lower
1AL857014020B	2	Undersize: 0,200 mm, lower
1AL857014040B	2	Undersize: 0,400 mm, lower
2BL857014STD	3	STD, STD shaft dia: 39,959-39,975 mm
2BL857014020	3	Undersize: 0,200 mm
2BL857014040	3	Undersize: 0,400 mm
PB857014	3	

REF	Qty/ eng	Remarks
		
BP857014A	1	With cylinder head gasket multi-layer steel
BP857014B	1	With cylinder head gasket carbon fibre
CP857014	1	
JC857014A	1	Carbon fibre 
JC857014B	1	Multi-layer steel 
KA857014	6	
SV857014A	1	50,3 x 38,0 x 7,9 mm Rubber-felt
SV857014B	1	50,0 x 38,0 x 8,0 mm Rubber
SA857014	1	90,0 x 76,0 x 8,5 mm Viton
KD857014	1	
		
CB857014A	12 or 14	Height head of screw: 10,0 mm
CB857014B	0 or 2	Height head of screw: 20,0 mm
VP857014	1	
BB857014	6	
		
OP857014A	1	Total height: 19,00 mm 
OP857014B	1	Total height: 15,50 mm 

For any other engine part, please contact us !







Used for: **KUBOTA D1005**

Specifications: **Diesel · 3 cylinders · Bore: 76,00 mm · Displacement: 1,001 l**

In: **KUBOTA, BOBCAT, SCHAFFER, BOMAG, TENNANT, JCB**

Used for: **KUBOTA**

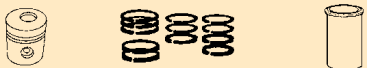
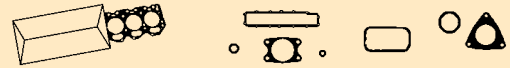
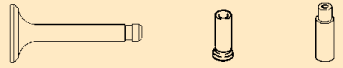

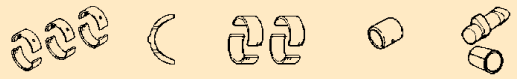


REF	Qty/ eng	Remarks	
WP857014A	1	Total height: 109,00 mm Total length: 183,00 mm Impeller dia: 60,00 mm	With gasket 
WP857014B	1	Total height: 110,00 mm Total length: 184,00 mm Impeller dia: 70,00 mm	With gasket 
			
NT857014	1		
KT857014	1		
			
OF857014	1		
GB857014A	3	M8 x 1,0 mm Total length: 74,90 mm NGK YE01	
GB857014B	3	M10 x 1,25 mm Total length: 75,5 mm	
GB857014C	3	M8 x 1,0 mm Total length: 69,5 mm NGK YE11	
GB857014D	3	M8 x 1,0 mm Total length: 70,5 mm E4B	
IT857014A	3	NP-DN4PDN154	
IT857014B	3	NP-DN0PDN133	
IT857014C	3	NP-DN0PD55	
IT857014D	3	NP-DN4PDN165	



Used for: **KUBOTA D1105**

Specifications: **Diesel · 3 cylinders · Bore: 78,00 mm · Displacement: 1,123 l**

In: **GIANT, TENNANT, KUBOTA, MOFFET, AUSA, GEHL, BOBCAT, MANITOU, GENIE, TEREX, JLG**

REF	Qty/eng	Remarks	REF	Qty/eng	Remarks
					
PI857003STDA	3	STD, coated Ring thickness: 2,0 - 1,5 - 4,0 mm	2HL857003STDB	2	STD, STD shaft dia: 47,934-47,950 mm, middle
PI857003050A	3	Coated, oversize: 0,500 mm Ring thickness: 2,0 - 1,5 - 4,0 mm	2HL857003020B	2	Undersize: 0,200 mm Middle
PI857003STDB	3	STD, blank Ring thickness: 2,0 - 1,5 - 4,0 mm	2HL857003040B	2	Undersize: 0,400 mm Middle
PI857003050B	3	Blank, oversize: 0,500 mm Ring thickness: 2,0 - 1,5 - 4,0 mm	2HL857003STDC	1	STD, rear
PI857003STDC	3	STD, coated Ring thickness: 2,0 - 1,5 - 2,0 mm	2HL857003020C	1	Undersize: 0,200 mm, rear
PI857003050C	3	Coated, oversize: 0,500 mm Ring thickness: 2,0 - 1,5 - 2,0 mm	2HL857003040C	1	Undersize: 0,400 mm, rear
PP857003	3		AL857003STDA	2	STD, upper
PC857003	6		AL857003020A	2	Undersize: 0,200 mm, upper
SE857003STDA	3	STD Ring thickness: 2,0-1,5-2,0 mm	AL857003040A	2	Undersize: 0,400 mm, upper
SE857003050A	3	Oversize: 0,500 mm Ring thickness: 2,0 - 1,5 - 2,0 mm	AL857003STDB	2	STD, lower
SE857003STDB	3	STD Ring thickness: 2,0-1,5-4,0 mm, version A	AL857003020B	2	Undersize: 0,200 mm, lower
SE857003050B	3	Oversize: 0,500 mm Ring thickness: 2,0-1,5-4,0 mm, version A	AL857003040B	2	Undersize: 0,400 mm, lower
SE857003STDC	3	STD Ring thickness: 2,0-1,5-4,0 mm, version B	BL857003STD	3	STD, STD shaft dia: 39,959-39,975 mm
SE857003050C	3	Oversize: 0,500 mm Ring thickness: 2,0-1,5-4,0 mm, version B	BL857003020	3	Undersize: 0,200 mm
			BL857003040	3	Undersize: 0,400 mm
IK857003	3		PB857003	3	
UK857003	3				
KS857003	6		BP857003A	1	With cylinder head gasket multi-layer steel
IG857003	3		BP857003B	1	With cylinder head gasket carbon fibre with cooling holes between cylinders
UG857003	3		BP857003C	1	With cylinder head gasket carbon fibre
			CP857003	1	
1HL857003STDA	1	STD, bush, front	JC857003A	1	Carbon fibre, with cooling holes between cylinders
1HL857003020A	1	Undersize: 0,200 mm Bush, front			
1HL857003040A	1	Undersize: 0,400 mm, bush, front	JC857003B	1	Multi-layer steel
					
			JC857003C	1	Carbon fibre
			KA857003	6	
			SV857003A	1	50,3 x 38,0 x 7,9 mm, rubber-felt

For any other engine part, please contact us !



Used for: **KUBOTA D1105**

Specifications: **Diesel · 3 cylinders · Bore: 78,00 mm · Displacement: 1,123 l**

In: **GIANT, TENNANT, KUBOTA, MOFFET, AUSA, GEHL, BOBCAT, MANITOU, GENIE, TEREX, JLG**

Used for: **KUBOTA**

REF	Qty/eng	Remarks
SV857003B	1	50,0 x 38,0 x 8,0 mm, rubber
SA857003	1	90,0 x 76,0 x 8,5 mm, Viton
KD857003	1	
CB857003A	12 or 14	Height head of screw: 10,0 mm
CB857003B	0 or 2	Height head of screw: 20,0 mm
VP857003	1	
BB857003	6	
OP857003A	1	Rotor height: 15,40 mm
OP857003B	1	Rotor height: 19,00 mm
WP857003A	1	Total height: 109,00 mm Total length: 183,00 mm Impeller dia: 60,00 mm Version A
WP857003B	1	Total height: 110,00 mm Total length: 184,00 mm Impeller dia: 70,00 mm Version A

REF	Qty/eng	Remarks
WP857003C	1	Total height: 110,00 mm Total length: 156,00 mm Version B
NT857003	1	
KT857003	1	
OF857003A	1	Dia: 83,0 mm, Height: 100,0 mm, M20
OF857003B	1	Dia: 68,0 mm Height: 85,0 mm, M20
OF857003C	1	Dia: 81,0 mm Height: 86,0 mm, M20
OF857003D	1	Dia: 97,0 mm Height: 86,0 mm, 3/4" UNF
GB857003A	3	M8 x 1,0 mm Total length: 74,90 mm NGK YE01
GB857003B	3	M8 x 1,0 mm Total length: 69,5 mm NGK YE11
GB857003C	3	M10 x 1,25 mm Total length: 75,5 mm
GB857003D	3	M8 x 1,0 mm Total length: 70,5 mm E4B
IT857003A	3	NP-DN4PDN154
IT857003B	3	NP-DNOPD55
IT857003C	3	NP-DNOPDN133
IT857003D	3	0281A
IT857003E	3	NP-DN4PDN165

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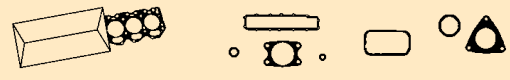







Used for: **KUBOTA D1105T**

Specifications: **Diesel · 3 cylinders · Bore: 78,00 mm · Displacement: 1,123 l**

In: **GIANT, TENNANT, KUBOTA, MOFFET, AUSA, GEHL, BOBCAT, MANITOU, GENIE, TEREX, JLG**

REF	Qty/ eng	Remarks	
			
PI857004STDA	3	STD, coated	
PI857004050A	3	Oversize: 0,500 mm, coated	
PI857004STDB	3	STD, blank	
PI857004050B	3	Oversize: 0,500 mm, blank	
PP857004	3		
PC857004	6		
SE857004STDA	3	STD, ring thickness: 2,0-1,5-4,0 mm, version A	
SE857004050A	3	Oversize: 0,500 mm, ring thickness: 2,0-1,5-4,0 mm, version A	
SE857004STDB	3	STD, ring thickness: 2,0-1,5-4,0 mm, version B	
SE857004050B	3	Oversize: 0,500 mm, ring thickness: 2,0-1,5-4,0 mm, version B	
			
IK857004	3		
UK857004	3		
KS857004	6		
IG857004	3		
UG857004	3		
			
1HL857004STDA	1	STD, bush, front	
1HL857004020A	1	Undersize: 0,200 mm, bush, front	
1HL857004040A	1	Undersize: 0,400 mm, bush, front	
2HL857004STDB	2	STD, STD shaft dia: 47,934-47,950 mm, middle	
2HL857004020B	2	Undersize: 0,200 mm, middle	
2HL857004040B	2	Undersize: 0,400 mm, middle	
2HL857004STDC	1	STD, rear	
2HL857004020C	1	Undersize: 0,200 mm, rear	
2HL857004040C	1	Undersize: 0,400 mm, rear	
AL857004STDA	2	STD, upper	
AL857004020A	2	Undersize: 0,200 mm, upper	
AL857004040A	2	Undersize: 0,400 mm, upper	
AL857004STDB	2	STD, lower	
AL857004020B	2	Undersize: 0,200 mm, lower	
AL857004040B	2	Undersize: 0,400 mm, lower	

REF	Qty/ eng	Remarks	
BL857004STD	3	STD, STD shaft dia: 39,959-39,975 mm	
BL857004020	3	Undersize: 0,200 mm	
BL857004040	3	Undersize: 0,400 mm	
PB857004	3		
			
BP857004	1	With cylinder head gasket multi-layer steel	
CP857004	1		
JC857004A	1	Carbon fibre	
JC857004B	1	Multi-layer steel	
KA857004	6		
SV857004	1	50,0 x 38,0 x 8,0 mm, rubber	
SA857004	1	90,0 x 76,0 x 8,5 mm, Viton	
KD857004	1		
			
CB857004A	12 or 14	Height head of screw: 10,0 mm	
CB857004B	0 or 2	Height head of screw: 20,0 mm	
VP857004	1		
BB857004	6		
			
OP857004A	1	Rotor height: 15,40 mm	
OP857004B	1	Rotor height: 19,00 mm	

For any other engine part, please contact us !








Used for: **KUBOTA D1105T**

Specifications: **Diesel · 3 cylinders · Bore: 78,00 mm · Displacement: 1,123 l**

In: **GIANT, TENNANT, KUBOTA, MOFFET, AUSA, GEHL, BOBCAT, MANITOU, GENIE, TEREX, JLG**

Used for: **KUBOTA**

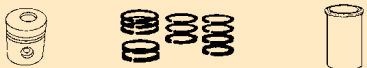

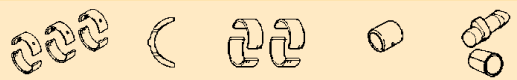
REF	Qty/ eng	Remarks	
WP857004A	1	Total height: 110,00 mm Total length: 184,00 mm Impeller dia: 70,00 mm Version A	With gasket 
WP857004B	1	Total height: 110,00 mm Total length: 156,00 mm Version B	With gasket 
WP857004C	1	Total height: 109,00 mm Total length: 183,00 mm Impeller dia: 60,00 mm Version A	With gasket 
			
NA857004	1		
NT857004	1		
KT857004	1		
			
OF857004	1	Dia: 81,0 mm, height: 86,0 mm, M20	
OF857004	1	Dia: 83,0 mm, height: 100,0 mm, M20	
GB857004	3		
IT857004A	3	NP-DN4PDN154	
IT857004B	3	NP-DN0PDN133	
IT857004C	3	NP-DN4PDN165	

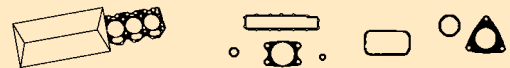
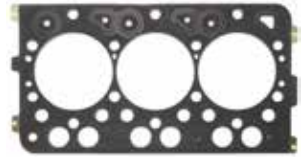



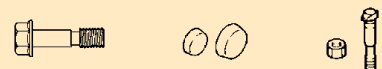


Used for: **KUBOTA D722**

Specifications: **Diesel · 3 cylinders · Bore: 67,00 mm · Displacement: 0,719 l**

In: **GIANT, KUBOTA, AVANT, BOBCAT, MOFFET, NIFTYLIFT, TEUPEN**

REF	Qty/eng	Remarks
		
PI857006STDA	3	STD, groove oil ring: 3,0 mm
PI857006025A	3	Oversize: 0,250 mm Groove oil ring: 3,0 mm
PI857006STDB	3	STD, groove oil ring: 2,0 mm, coated skirt
PI857006025B	3	Oversize: 0,250 mm Groove oil ring: 2,0 mm
PP857006	3	
PC857006	6	
1SE857006STDA	3	STD, Oil ring thickness: 3 mm
1SE857006025A	3	Oversize: 0,250 mm Oil ring thickness: 3 mm
1SE857006STDB	3	STD, Oil ring thickness: 2 mm
1SE857006025B	3	Oversize: 0,250 mm Oil ring thickness: 2 mm
		
IK857006	3	
UK857006	3	
KS857006	6	
IG857006	3	
UG857006	3	
		
1HL857006STDA	1	STD, STD shaft dia: 39,934-39,950 mm, front, bush
1HL857006020A	1	Undersize: 0,200 mm, front, bush
1HL857006040A	1	Undersize: 0,400 mm, front, bush
2HL857006STDB	2	STD, STD shaft dia: 39,934-39,950 mm, middle
2HL857006020B	2	Undersize: 0,200 mm, middle
2HL857006040B	2	Undersize: 0,400 mm, middle
2HL857006STDC	1	STD, STD shaft dia: 39,934-39,950 mm, rear
2HL857006020C	1	Undersize: 0,200 mm, rear
2HL857006040C	1	Undersize: 0,400 mm, rear
1AL857006STDA	2	STD, upper
1AL857006020A	2	Oversize: 0,200 mm, upper
1AL857006040A	2	Oversize: 0,400 mm, upper
1AL857006STDB	2	STD, lower
1AL857006020B	2	Oversize: 0,200 mm, lower
1AL857006040B	2	Oversize: 0,400 mm, lower
BL857006STD	3	STD, STD shaft dia: 33,959-33,975 mm

REF	Qty/eng	Remarks
BL857006020	3	Undersize: 0,200 mm
BL857006040	3	Undersize: 0,400 mm
PB857006	3	
		
BP857006A	1	With KD857006B, head gasket carbon fibre, exhaust manifold gasket metal
BP857006B	1	With KD857006B, head gasket carbon fibre, exhaust manifold gasket carbon fibre
BP857006C	1	With KD857006A, head gasket multi-layer steel, exhaust manifold gasket metal
CP857006A	1	Without front and rear oil seal, metal timing gasket
CP857006B	1	With front and rear oil seal, paper timing gasket
JC857006A	1	Multi-layer steel 
JC857006B	1	Carbon fibre 
KA857006	6	
SV857006A	1	47,0 x 34,0 x 8,5 mm, rubber
SV857006B	1	47,0 x 35,0 x 7,0 mm, rubber
SA857006A	1	80,0 x 63,0 x 10,0 mm, Viton
SA857006B	1	80,0 x 68,0 x 10,0 mm, rubber felt
KD857006A	1	Preformed, for valve cover with mounting screws on the outside 
KD857006B	1	O-ring, for valve cover with mounting screw in the middle 
		
CB857006	14	

For any other engine part, please contact us !







Used for: **KUBOTA D722**

Specifications: **Diesel · 3 cylinders · Bore: 67,00 mm · Displacement: 0,719 l**

In: **GIANT, KUBOTA, AVANT, BOBCAT, MOFFET, NIFTYLIFT, TEUPEN**

REF	Qty/eng	Remarks
VP857006	1	
BB857006	6	
		
OP857006A	1	Overall length: 80,00 mm With gear 
OP857006B	1	Overall length: 65,00 mm Without gear 
WP857006A	1	Total height: 84,00 mm Total length: 133,40 mm Version A Impeller height: 9,50 mm 
WP857006B	1	Total height: 84,00 mm Total length: 159,00 mm Version B Impeller height: 10,20 mm 
WP857006C	1	Total height: 88,00 mm Total length: 159,00 mm Impeller height: 14,20 mm Version B 

REF	Qty/eng	Remarks
WP857006D	1	Total height: 88,00 mm Total length: 132,50 mm Impeller height: 14,20 mm Version A  
		
NT857006	1	
KT857006	1	
		
OF857006A	1	Dia: 84,0 mm Height: 75,0 mm, M20
OF857006B	1	Dia: 68,0 mm Height: 65,0 mm, M20
OF857006C	1	Dia: 83,0 mm Height: 100,0 mm, M20
OF857006D	1	Dia: 85,0 mm Height: 78,0 mm, M20
GB857006	3	
IT857006A	3	DN4PD5
IT857006B	3	DN4PDN169
IT857006C	3	DN4PD62

Used for: KUBOTA

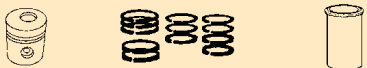
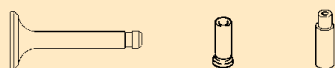
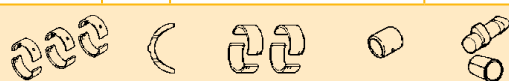
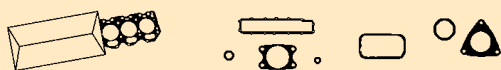










Used for: KUBOTA

Used for: **KUBOTA D902 EBH**

Specifications: **Diesel · 3 cylinders · Bore: 72,00 mm · Displacement: 0,898 l**

In: **KUBOTA KX41-3**

REF	Qty/ eng	Remarks
		
PI857019STD	3	STD
PI857019025	3	Oversize: 0,250 mm
PP857019	3	
PC857019	6	
1SE857019STD	3	STD
1SE857019025	3	Oversize: 0,250 mm
		
IK857019	3	
UK857019	3	
KS857019	6	
IG857019	3	
UG857019	3	
		
1HL857019STDA	1	STD, STD shaft dia: 43,934-43,950 mm, front, bush
1HL857019020A	1	Undersize: 0,200 mm, front, bush
1HL857019040A	1	Undersize: 0,400 mm, front, bush
2HL857019STDB	2	STD, STD shaft dia: 43,934-43,950 mm, middle
2HL857019020B	2	Undersize: 0,200 mm, middle
2HL857019040B	2	Undersize: 0,400 mm, middle
2HL857019STDC	1	STD, STD shaft dia: 43,934-43,950 mm, rear
2HL857019020C	1	Undersize: 0,200 mm, rear
2HL857019040C	1	Undersize: 0,400 mm, rear
1HL857019D	1	Sleeve, rear
1AL857019STDA	2	STD, upper
1AL857019020A	2	Oversize: 0,200 mm, upper
1AL857019040A	2	Oversize: 0,400 mm, upper
1AL857019STDB	2	STD, lower
1AL857019020B	2	Oversize: 0,200 mm, lower
1AL857019040B	2	Oversize: 0,400 mm, lower
BL857019STD	3	STD, STD shaft dia: 33,959-33,975 mm
BL857019020	3	Undersize: 0,200 mm
BL857019040	3	Undersize: 0,400 mm
PB857019	3	
		
BP857019	1	

REF	Qty/ eng	Remarks
CP857019	1	
JC857019	1	
KA857019	6	
SV857019	1	47,0 x 35,0 x 7,0 mm, rubber
SA857019	1	80,0 x 63,0 x 10,0 mm, Viton
KD857019	1	
		
CB857019	14	
VP857019	1	
BB857019	6	
		
OP857019	1	
WP857019	1	Total height: 88,00 mm Total length: 132,50 mm Impeller height: 14,20 mm Without gasket
 		
		
NA857019	1	
NT857019	1	
KT857019	1	
TT857019	1	
		
OF857019	1	
GB857019	3	
IT857019	3	

For any other engine part, please contact us !



Used for: **KUBOTA V1502**

Specifications: **Diesel · 4 cylinders · Bore: 75,50 mm**

In: **TOYOTA, TCM, NISSAN**

REF	Qty/ eng	Remarks
4PI857001STD	1	STD
4PI857001050	1	0,500 mm oversize
SE857001STD	1	STD
SE857001050	1	0,500 mm oversize
CH857001	4	Semi-finished
IK857001	4	
UK857001	4	
KS857001	8	
IG857001	4	
UG857001	4	
HL857001STDA	1	STD shaft dia: 52,00 mm Set of 4 pair
HL857001020A	1	0.020" undersize
HL857001040A	1	0.040" undersize
HL857001STDB	1	STD shaft dia: 52,00 mm Front bearing
HL857001020B	1	0.020" undersize
HL857001040B	1	0.040" undersize
2AL857001STD	2	STD
2AL857001020	2	0,200 mm undersize
2AL857001040	2	0,400 mm undersize
4BL857001STD	1	STD shaft dia: 44,05 mm
4BL857001020	1	0.020" undersize
4BL857001040	1	0.040" undersize
KP857001	1	With front and rear oil seals, with valve seals
BP857001	1	
JC857001	1	
KA857001	8	
SV857001	1	
SA857001	1	
KD857001	1	

REF	Qty/ eng	Remarks
CB857001	16	
VP857001	1	
BB857001	8	
OP857001	1	
WP857001A	1	Total height: 112,0 mm Total length: 303,0 mm Dia: 62,8 mm
WP857001B	1	Total height: 117,5 mm Total length: 108,0 mm Dia: 52,3 mm
WP857001C	1	Total height: 115,60 mm Total length: 118,0 mm Dia: 63,0 mm
NA857001	1	With gear
NT857001	1	
KT857001	1	
TT857001	1	
OF857001A	1	Height: 133,0 mm
OF857001B	1	Height: 118,0 mm
GB857001	4	
IT857001	4	

For any other engine part, please contact us !



Used for: **KUBOTA V1505**

Specifications: **Diesel · 4 cylinders · Bore: 78,00 mm · Displacement: 1,498 l** In: **WACKER NEUSON, TENNANT, HAKO, KUBOTA, AUSA, CASE, COMBILIFT, MOFFET, DULEVO, BOBCAT, NIFTYLIFT**

REF	Qty/eng	Remarks	
PI857007STDA	4	STD, blank skirt	
PI857007050A	4	Oversize 0,500 mm Blank skirt	
PI857007STDB	4	STD, coated skirt	
PI857007050B	4	Oversize 0,500 mm Coated skirt	
PP857007	4		
PC857007	8		
1SE857007STDA	4	STD, version A	
1SE857007050A	4	Oversize 0,500 mm Version A	
1SE857007STDB	4	STD, version B	
1SE857007050B	4	Oversize 0,500 mm Version B	
IK857007	4		
UK857007	4		
KS857007	8		
IG857007	4		
UG857007	4		
1HL857007STDA	1	STD, STD shaft dia: 47,934-47,950 mm, bush	
1HL857007020A	1	Undersize: 0,200 mm, bush	
1HL857007040A	1	Undersize: 0,400 mm, bush	
2HL857007STDB	3	STD, STD shaft dia: 47,934-47,950 mm	
2HL857007020B	3	Undersize: 0,200 mm	
2HL857007040B	3	Undersize: 0,400 mm	
2HL857007STDC	1	STD, STD shaft dia: 47,934-47,950 mm	
2HL857007020C	1	Undersize: 0,200 mm	
2HL857007040C	1	Undersize: 0,400 mm	
1AL857007STDA	2	STD	
1AL857007020A	2	Undersize: 0,200 mm	
1AL857007040A	2	Undersize: 0,400 mm	
1AL857007STDB	2	STD	
1AL857007020B	2	Undersize: 0,200 mm	
1AL857007040B	2	Undersize: 0,400 mm	

REF	Qty/eng	Remarks	
BL857007STD	4	STD, STD shaft dia: 39,959-39,975 mm	
BL857007020	4	Undersize: 0,200 mm	
BL857007040	4	Undersize: 0,400 mm	
PB857007	4		
BP857007A	1	Kit with multi layer gasket	
BP857007B	1	Kit with carbon fibre head gasket	
CP857007A	1	Version for waterpump impeller: 70,00 mm	
CP857007B	1	Version for waterpump impeller: 60,00 mm	
JC857007A	1	Carbon fibre	
JC857007B	1	Multi-layer steel	
KA857007A	8	Rubber version with spring	
KA857007B	8	Metal version without spring	
SV857007A	1	50,0 x 38,0 x 8,0 mm, rubber	
SV857007B	1	50,3 x 38,0 x 7,9 mm, rubber-felt	
SA857007	1	90,0 x 76,0 x 8,50 mm, Viton	
KD857007	1		
CB857007A	14 or 18	Height head of screw: 10,0 mm	
CB857007B	0 or 4	Height head of screw: 20,0 mm	
VP857007	1		
BB857007	8		
OP857007A	1	Rotor height: 19,00 mm	







For any other engine part, please contact us !



Used for: **KUBOTA V1505**

Specifications: **Diesel · 4 cylinders · Bore: 78,00 mm · Displacement: 1,498 l** In: **WACKER NEUSON, TENNANT, HAKO, KUBOTA, AUSA, CASE, COMBILIFT, MOFFET, DULEVO, BOBCAT, NIFTYLIFT**

Used for: **KUBOTA**

REF	Qty/ eng	Remarks	
OP857007B	1	Rotor height: 15,40 mm	
WP857007A	1	Total height: 109,00 mm Total length: 183,00 mm Impeller dia: 60,00 mm Version A	With gasket 
WP857007B	1	Total height: 110,00 mm Total length: 184,00 mm Impeller dia: 70,00 mm Version A	
WP857007C	1	Total height: 110,00 mm Total length: 156,00 mm Version B	With gasket 
			
NT857007	1		
KT857007	1		
			
OF857007	1		
GB857007A	4	M10 x 1,25 mm Total length: 79,5 mm NGK Y709R	
GB857007B	4	M8 x 1,0 mm Total length: 69,5 mm NGK YE11	
GB857007C	4	M8 x 1,0 mm Total length: 74,90 mm NGK YE01	
IT857007A	4	NP-DN0PDN133	
IT857007B	4	NP-DN0PD55	
IT857007C	4	NP-DN4PDN154	
IT857007D	4	NP-DN4PDN165	

For any other engine part, please contact us !



Used for: **KUBOTA V1505T**

Specifications: **Diesel · 4 cylinders · Bore: 78,00 mm · Displacement: 1,498 l** In: **WACKER NEUSON, TENNANT, HAKO, KUBOTA, AUSA, CASE, COMBILIFT, MOFFET, DULEVO, BOBCAT, NIFTYLIFT**

REF	Qty/eng	Remarks	
PI857008STDA	4	STD, blank skirt	
PI857008050A	4	Oversize 0,500 mm Blank skirt	
PI857008STDB	4	STD, coated skirt	
PI857008050B	4	Oversize 0,500 mm Coated skirt	
PP857008	4		
PC857008	8		
1SE857008STDA	4	STD, version A	
1SE857008050A	4	Oversize 0,500 mm Version A	
1SE857008STDB	4	STD, version B	
1SE857008050B	4	Oversize 0,500 mm Version B	
IK857008	4		
UK857008	4		
KS857008	8		
IG857008	4		
UG857008	4		
1HL857008STDA	1	STD, STD shaft dia: 47,934-47,950 mm, front, bush	
1HL857008020A	1	Undersize: 0,200 mm, front, bush	
1HL857008040A	1	Undersize: 0,400 mm, front, bush	
2HL857008STDB	1	STD, STD shaft dia: 47,934-47,950 mm, middle	
2HL857008020B	1	Undersize: 0,200 mm, middle	
2HL857008040B	1	Undersize: 0,400 mm, middle	
2HL857008STDC	1	STD, STD shaft dia: 47,934-47,950 mm, rear	
2HL857008020C	1	Undersize: 0,200 mm, rear	
2HL857008040C	1	Undersize: 0,400 mm, rear	
1AL857008STDA	2	STD, upper	
1AL857008020A	2	Oversize: 0,200 mm, upper	
1AL857008040A	2	Oversize: 0,400 mm, upper	

REF	Qty/eng	Remarks	
1AL857008STDB	2	STD, lower	
1AL857008020B	2	Oversize: 0,200 mm, lower	
1AL857008040B	2	Oversize: 0,400 mm, lower	
BL857008STD	4	STD, STD shaft dia: 39,959-39,975 mm	
BL857008020	4	Undersize: 0,200 mm	
BL857008040	4	Undersize: 0,400 mm	
PB857008	4		
BP857008	1		
CP857008	1		
JC857008A	1	Carbon fibre	
JC857008B	1	Multi-layer steel	
KA857008	8		
SV857008A	1	50,0 x 38,0 x 8,0 mm, rubber	
SV857008B	1	50,3 x 38,0 x 7,9 mm, rubber-felt	
SA857008	1	90,0 x 76,0 x 8,50 mm, Viton	
KD857008	1		
CB857008A	14 or 18		
CB857008B	0 or 4		
VP857008	1		
BB857008	8		
OP857008A	1	Rotor height: 19,00 mm	






For any other engine part, please contact us !



Used for: **KUBOTA V1505T**

Specifications: **Diesel · 4 cylinders · Bore: 78,00 mm · Displacement: 1,498 l** In: **WACKER NEUSON, TENNANT, HAKO, KUBOTA, AUSA, CASE, COMBILIFT, MOFFET, DULEVO, BOBCAT, NIFTYLIFT**

Used for: **KUBOTA**

REF	Qty/ eng	Remarks	
OP857008B	1	Rotor height: 15,40 mm	
WP857008A	1	Total height: 109,00 mm Total length: 183,00 mm Impeller dia: 60,00 mm	With gasket 
WP857008B	1	Total height: 110,00 mm Total length: 184,00 mm Impeller dia: 70,00 mm	With gasket 
			
NT857008	1		
KT857008	1		
			
OF857008A	1	Dia: 81,0 mm Height: 86,0 mm, M20	
OF857008B	1	Dia: 83,0 mm Height: 100,0 mm, M20	
GB857008A	4	M8 x 1,0 mm Total length: 69,70 mm NGK YE03	
GB857008B	4	M8 x 1,0 mm Total length: 69,5 mm NGK YE11	
GB857008C	4	M8 x 1,0 mm Total length: 74,90 mm NGK YE01	
IT857008A	4	NP-DN0PDN133	
IT857008B	4	NP-DN4PDN154	
IT857008C	4	NP-DN4PDN165	



Used for: **KUBOTA V2003T**

Specifications: **Diesel · 4 cylinders · Bore: 83,00 mm · Displacement: 1,999 l**

In: **BOBCAT 773**

REF	Qty/eng	Remarks
PI857018STD	4	STD
PI857018050	4	Oversize: 0,500 mm
PP857018	4	
PC857018	8	
1SE857018STD	4	STD
1SE857018050	4	Oversize: 0,500 mm
IK857018	4	
UK857018	4	
KS857018	8	
IG857018	4	
UG857018	4	
1HL857018STDA	1	STD, front, bush
1HL857018020A	1	Undersize: 0,200 mm, front, bush
1HL857018040A	1	Undersize: 0,400 mm, front, bush
2HL857018STDB	4	STD, STD shaft dia: 59,921-59,940 mm, middle
2HL857018020B	4	Undersize: 0,200 mm, middle
2HL857018040B	4	Undersize: 0,400 mm, middle
1AL857018STDA	2	STD, lower
1AL857018020A	2	Undersize: 0,200 mm, lower
1AL857018040A	2	Undersize: 0,400 mm, lower
1AL857018STDB	2	STD, upper
1AL857018020B	2	Undersize: 0,200 mm, upper
1AL857018040B	2	Undersize: 0,400 mm, upper
BL857018STD	4	STD, STD shaft dia: 46,959-46,975 mm
BL857018020	4	Undersize: 0,200 mm
BL857018040	4	Undersize: 0,400 mm
PB857018	4	
BP857018	1	
CP857018	1	
JC857018	1	

REF	Qty/eng	Remarks
KA857018	6	
SV857018	1	55,0 x 42,0 x 8,5 mm, rubber
SA857018	1	102,0 x 85,0 x 13,0 mm, rubber-felt
KD857018	1	
CB857018	18	
VP857018	1	
BB857018	8	
OP857018	1	
WP857018	1	
NA857018	1	
NT857018	1	
KT857018	1	
TT857018	1	
OF857018	1	
GB857018	4	
IT857018	4	

For any other engine part, please contact us !



Used for: **KUBOTA V2203**

Specifications: **Diesel** · **4 cylinders** · Bore: **80,00 mm** · Displacement: **2,197 l**

In: **BOBCAT 753, 773, S130, KUBOTA KX161-3**

Used for: KUBOTA

REF	Qty/ eng	Remarks
PI857017STDA	4	STD, blank skirt, grooves: 2,4-2,0-5,0 mm, indirect injection
PI857017050A	4	Oversize: 0,500 mm, blank skirt, grooves: 2,4-2,0-5,0 mm, indirect injection
PI857017STDB	4	STD, coated skirt, grooves: 2,0-2,0-5,0 mm, indirect injection
PI857017025B	4	Oversize: 0,250 mm, coated skirt, grooves: 2,0-2,0-5,0 mm, indirect injection
PI857017STDC	4	STD, coated skirt, grooves: 2,0-2,0-4,0 mm, direct injection
PI857017025C	4	Oversize: 0,250 mm, coated skirt, grooves: 2,0-2,0-4,0 mm, direct injection
PP857017	4	
PC857017	8	
1SE857017STDA	4	STD, ring 1 half keystone, thickness: 2,40-2,0-5,0 mm, indirect injection
1SE857017050A	4	0,50 mm, ring 1 half keystone, thickness: 2,40-2,0-5,0 mm, indirect injection
1SE857017STDB	4	STD, ring 1 half keystone, thickness: 2,0-2,0-5,0 mm, indirect injection
1SE857017025B	4	Oversize: 0,250 mm, ring 1 half keystone, thickness: 2,0-2,0-5,0 mm, indirect injection
1SE857017STDC	4	STD, ring 1 square, thickness: 2,0-2,0-4,0 mm, direct injection
1SE857017025C	4	Oversize: 0,250 mm, ring 1 square, thickness: 2,0-2,0-4,0 mm, direct injection
IK857017	4	
UK857017	4	
KS857017	8	
IG857017	4	
UG857017	4	
1HL857017STDA	1	STD, bush 57 x 52 x 20 mm, front
1HL857017020A	1	Undersize: 0,200 mm, front, bush
1HL857017040A	1	Undersize: 0,400 mm, front, bush

REF	Qty/ eng	Remarks
2HL857017STDB	4	STD, STD shaft dia: 51,921-51,940 mm, centre
2HL857017020B	4	Undersize: 0,200 mm, centre
2HL857017040B	4	Undersize: 0,400 mm, centre
1HL857017STDC	1	STD, bush 65 x 60 x 20 mm, front
1HL857017020C	1	Undersize: 0,200 mm, front, bush
1HL857017040C	1	Undersize: 0,400 mm, front, bush
2HL857017STDD	4	STD, STD shaft dia: 59,921-59,940 mm, centre
2HL857017020D	4	Undersize: 0,200 mm, centre
2HL857017040D	4	Undersize: 0,400 mm, centre
1AL857017STDA	2	STD, upper
1AL857017020A	2	Undersize: 0,200 mm, upper
1AL857017040A	2	Undersize: 0,400 mm, upper
1AL857017STDB	2	STD, lower
1AL857017020B	2	Undersize: 0,200 mm, lower
1AL857017040B	2	Undersize: 0,400 mm, lower
BL857017STD	4	STD
BL857017020	4	Undersize: 0,200 mm
BL857017040	4	Undersize: 0,400 mm
PB857017	4	
BP857017A	1	With cylinder head gasket carbon fibre, with valve cover gasket flat o-ring
BP857017B	1	With cylinder head gasket multi-layer steel with thickness: 1,20 mm, with preformed valve cover gasket
CP857017A	1	Without rear oil seal, with timing gear gasket version A
CP857017B	1	With timing gear gasket version B

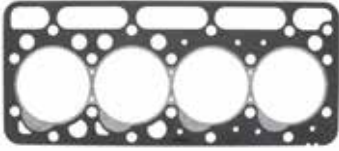
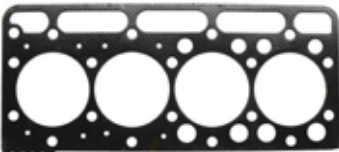

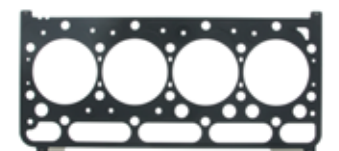
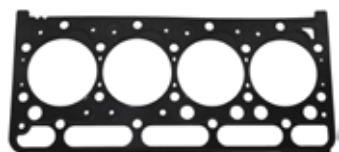


For any other engine part, please contact us !











Used for: **KUBOTA V2203**

Specifications: **Diesel · 4 cylinders · Bore: 80,00 mm · Displacement: 2,197 l**

In: **BOBCAT 753, 773, S130, KUBOTA KX161-3**

REF	Qty/eng	Remarks
JC857017A	1	Carbon fibre, 2 notches 
JC857017B	1	Carbon fibre, 4 notches 
JC857017C	1	Multi-layer steel, thickness: 1,20 mm 
JC857017D	1	Multi-layer steel, thickness: 1,15 mm 
JC857017E	1	Multi-layer steel, thickness: 1,25 mm 
JC857017F	1	Multi-layer steel, thickness: 1,30 mm 
JC857017G	1	Multi-layer steel, thickness: 1,35 mm 
KA857017	8	
SV857017A	1	55,0 x 42,0 x 9,0 mm, rubber
SV857017B	1	65,0 x 42,0 x 8,5 mm, rubber

REF	Qty/eng	Remarks
SA857017A	1	102,0 x 85,0 x 13,0 mm, rubber-felt
SA857017B	1	102,0 x 85,0 x 13,0 mm, Viton
KD857017A	1	Flat o-ring
KD857017B	1	Preformed rubber gasket
		
CB857017	18	
VP857017	1	
BB857017	8	
		
OP857017	1	
WP857017A	1	Total height: 115,00 mm Total length: 278,00 mm Mounting holes: 3 Dowel holes: 3 Length 278 mm With extra outlet  
WP857017B	1	Total height: 115,60 mm Total length: 118,00 mm Mounting holes: 4  
WP857017C	1	Total length: 310,00 mm Mounting holes: 15 Dowel holes: 3 With leak hole  

For any other engine part, please contact us !



Used for: **KUBOTA V2203**

Specifications: **Diesel · 4 cylinders · Bore: 80,00 mm · Displacement: 2,197 l**

In: **BOBCAT 753, 773, S130, KUBOTA KX161-3**

Used for: KUBOTA

REF	Qty/eng	Remarks	
WP857017D	1	Total length: 300,00 mm Mounting holes: 16 Dowel holes: 2	
WP857017E	1	Total height: 114,00 mm Total length: 332,00 mm Mounting holes: 17 Dowel holes: 2	
WP857017F	1	Total height: 115,00 mm Total length: 278,00 mm Mounting holes: 13 Dowel holes: 3 Impeller dia: 65,00 mm Leak hole version A	Without gasket 
WP857017G	1	Total length: 278,00 mm Impeller: 65,00 mm Mounting holes: 13 Dowel holes: 3 Leak hole version B	
WP857017H	1	Total height: 115,50 mm Total length: 290,00 mm Mounting holes: 15 Dowel holes: 3 Exit at end with plug	Without gasket 
			
NT857017	1		
KT857017A	1	Total height: 33,0 mm	
KT857017B	1	Total height: 40,0 mm	
TT857017	1	With bushing	
			
OF857017A	1	Dia: 95,0 mm Height: 95,0 mm, 3/4" UNF	

REF	Qty/eng	Remarks	
OF857017B	1	Dia: 97,0 mm Height: 86,0 mm, 3/4" UNF	
OF857017C	1	Dia: 96,0 mm Height: 120,0 mm, 3/4" UNF	
GB857017A	4	Total length: 84,8 mm	
GB857017B	4	Total length: 125,0 mm	
IT857017A	4	NP-DNOPD80	
IT857017B	4	NP-DNOPD95	

For any other engine part, please contact us !



Used for: **KUBOTA V2403MDI**

Specifications: **Diesel** · **4 cylinders** · Bore: **87,00 mm** · Displacement: **2,434 l**

In: **BOBCAT S130, E50**

REF	Qty/eng	Remarks
PI857020STDA	4	STD, grooves: 2,0-2,0-4,0 mm, for half keystone top ring
PI857020025A	4	Oversize: 0,250 mm, grooves: 2,0-2,0-4,0 mm, for half keystone top ring
PI857020STDB	4	STD, grooves: 2,0-2,0-2,50 mm
PI857020025B	4	Oversize: 0,250 mm, grooves: 2,0-2,0-2,50 mm
PI857020STDC	4	STD, grooves: 2,0-2,0-4,0 mm, for square top ring
PI857020025C	4	Oversize: 0,250 mm, grooves: 2,0-2,0-4,0 mm, for square top ring
PP857020	4	
PC857020	8	
1SE857020STDA	4	STD, thickness: 2,0-2,0-4,0 mm, top ring half keystone
1SE857020025A	4	Oversize: 0,250 mm, thickness: 2,0-2,0-4,0 mm, top ring half keystone
1SE857020STDB	4	STD, thickness: 2,0-2,0-2,5 mm
1SE857020025B	4	Oversize: 0,250 mm, thickness: 2,0-2,0-2,5 mm
1SE857020STDC	4	STD, thickness: 2,0-2,0-4,0 mm, top ring square
1SE857020025C	4	Oversize: 0,250 mm, thickness: 2,0-2,0-4,0 mm, top ring square
IK857020	4	
UK857020	4	
KS857020	8	
IG857020	4	
UG857020	4	
2HL857020STDA	4	STD, centre/rear
2HL857020020A	4	Undersize: 0,200 mm, centre/rear
2HL857020040A	4	Undersize: 0,400 mm, centre/rear
2HL857020STDB	1	STD, STD shaft dia: 59,921-59,940 mm, front
2HL857020020B	1	Undersize: 0,200 mm, front
2HL857020040B	1	Undersize: 0,400 mm, front
1AL857020STDA	2	STD, lower
1AL857020020A	2	Oversize: 0,200 mm, lower
1AL857020040A	2	Oversize: 0,400 mm, lower

REF	Qty/eng	Remarks
1AL857020STDB	2	STD, upper
1AL857020020B	2	Oversize: 0,200 mm, upper
1AL857020040B	2	Oversize: 0,400 mm, upper
BL857020STD	4	STD, STD shaft dia: 46,959-46,975 mm
BL857020020	4	Undersize: 0,200 mm
BL857020040	4	Undersize: 0,400 mm
PB857020A	4	Symmetrical
PB857020B	4	Conical bush
NL857020	1	
BP857020A	1	Exhaust manifold gasket A
BP857020B	1	Exhaust manifold gasket B
CP857020A	1	With timing gear gasket A
CP857020B	1	With timing gear gasket B
JC857020A	1	Multi-layer steel, thickness: 1,15 mm
JC857020B	1	Multi-layer steel, thickness: 1,20 mm

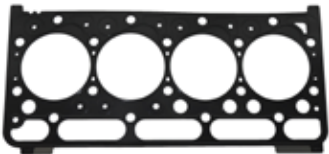

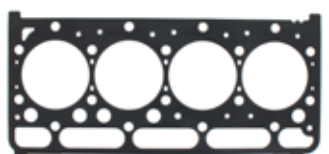




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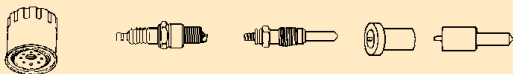


Used for: **KUBOTA V2403MDI**

Specifications: **Diesel · 4 cylinders · Bore: 87,00 mm · Displacement: 2,434 l**

In: **BOBCAT S130, E50**

REF	Qty/eng	Remarks
JC857020C	1	Multi-layer steel, thickness: 1,25 mm 
JC857020D	1	Multi-layer steel, thickness: 1,30 mm 
JC857020E	1	Multi-layer steel, thickness: 1,35 mm 
KA857020	8	
SV857020	1	55,0 x 42,0 x 8,5 mm, rubber
SA857020	1	102,0 x 85,0 x 13,0 mm, Viton
KD857020	1	
		
CB857020	18	
VP857020	1	
BB857020	8	
		
OP857020	1	
WP857020A	1	Total height: 115,00 mm Total length: 278,00 mm Mounting holes: 3 Dowel holes: 3 Length 278 mm With extra outlet 

REF	Qty/eng	Remarks
WP857020B	1	Total height: 115,00 mm Total length: 278,00 mm Without extra outlet  
		
NT857020	1	
TT857020	1	
		
OF857020	1	
GB857020	4	
IT857020	4	

For any other engine part, please contact us !



Used for: KUBOTA

Used for: **KUBOTA V3600**

Specifications: **Diesel · 4 cylinders · Bore: 98,00 mm · Displacement: 3,620 l**

In: **BT, CESAB, HELI, HYSTER, HYUNDAI, MANITOU, TUG, KUBOTA, AUSA, YALE, VOLVO**

REF	Qty/eng	Remarks
PI857016STDA	4	STD, naturally aspirated
PI857016050A	4	Oversize 0.500 mm Turbocharged
PI857016STDB	4	STD, turbocharged
PI857016050B	4	Oversize 0.500 mm Naturally aspirated
PP857016	4	
PC857016	8	
1SE857016STD	4	STD
1SE857016050	4	Oversize 0.500 mm
IK857016	8	
UK857016	4	
KS857016	12	
IG857016	8	
UG857016	4	
2HL857016STD	5	STD, STD shaft dia: 74,977-74,990 mm
2HL857016020	5	Undersize: 0,200 mm
2HL857016040	5	Undersize: 0,400 mm
1AL857016STDA	2	STD, upper
1AL857016020A	2	Undersize: 0,200 mm Upper
1AL857016040A	2	Undersize: 0,400 mm Upper
1AL857016STDB	2	STD, lower
1AL857016020B	2	Undersize: 0,200 mm, lower
1AL857016040B	2	Undersize: 0,400 mm, lower
2BL857016STDA	4	STD, STD shaft dia: 52,977-52,990 mm, blue
2BL857016STDB	4	STD, yellow
2BL857016020	4	Undersize: 0,200 mm, green
2BL857016040	4	Undersize: 0,400 mm, red
PB857016A	4	Symmetrical
PB857016B	4	Conical
BP857016	1	
CP857016	1	

REF	Qty/eng	Remarks
JC857016A	1	Multi-layer steel, no notches
JC857016B	1	Multi-layer steel, 1 notch
JC857016C	1	Multi-layer steel, 2 notches
KA857016A	12	Version without spring
KA857016B	12	Version with spring
SV857016	1	80,0 x 58,0 x 12,0 mm, vitton
SA857016	1	120,0 x 100,0 x 11,5 mm, Viton-felt
KD857016	1	
CB857016	18	
VP857016	1	
BB857016	8	
OP857016	1	
WP857016	1	Total height: 110,00 mm Total length: 169,00 mm With gasket
NT857016	1	
KT857016	1	

For any other engine part, please contact us !



Used for: **KUBOTA V3600**

Specifications: **Diesel · 4 cylinders · Bore: 98,00 mm · Displacement: 3,620 l**

In: **BT, CESAB, HELI, HYSTER, HYUNDAI, MANITOU, TUG, KUBOTA, AUSA, YALE, VOLVO**

REF	Qty/ eng	Remarks
TT857016A	1	Number of teeth: 94 Total height: 37,40 mm Inner dia: 45,00 mm
TT857016B	1	Number of teeth: 95 Total height: 37,40 mm Inner dia: 48,00 mm
TT857016C	1	Number of teeth: 94 Total height: 24,00 mm Inner dia: 80,00 mm
TT857016D	1	Total height 37,50 mm Gear height: 22,00 mm With bush
TT857016E	1	Total height 37,50 mm Gear height: 15,00 mm With bush
TT857016F	1	Total height 25,40 mm Gear height: 22,00 mm With internal bearing
OF857016	1	
GB857016	4	



Used for: KUBOTA

Used for: **KUBOTA VT1502**

Specifications: **Diesel · 4 cylinders · Bore: 76,00 mm**

In: **TOYOTA, TCM**

REF	Qty/ eng	Remarks
4PI857002STD	1	STD
4PI857002050	1	0,500 mm oversize
SE857002STD	1	STD
SE857002050	1	0,500 mm oversize
CH857002	4	Semi-finished
IK857002	4	
UK857002	4	
KS857002	8	
IG857002	4	
UG857002	4	
HL857002STDA	1	STD shaft dia: 52,0 mm Set of 4 pair
HL857002020A	1	0.020" undersize
HL857002040A	1	0.040" undersize
HL857002STDB	1	STD shaft dia: 52,0 mm Front bearing
HL857002020B	1	0.020" undersize
HL857002040B	1	0.040" undersize
2AL857002STD	2	STD
2AL857002020	2	0,200 mm undersize
2AL857002040	2	0,400 mm undersize
4BL857002STD	1	STD shaft dia: 44,05 mm
4BL857002020	1	0.020" undersize
4BL857002040	1	0.040" undersize
PB857002	4	
KP857002	1	With front and rear oil seals, with valve seals
BP857002	1	
JC857002	1	
KA857002	8	
SV857002	1	
SA857002	1	
KD857002	1	

REF	Qty/ eng	Remarks
CB857002	16	
VP857002	1	
BB857002	8	
OP857002	1	
WP857002A	1	Total height: 112,0 mm Total length: 303,0 mm Dia: 62,8 mm
WP857002B	1	Total height: 117,5 mm Total length: 108,0 mm Dia: 52,3 mm
NA857002	1	With gear
NT857002	1	
KT857002	1	
TT857002	1	
OF857002	1	
GB857002	4	
IT857002	4	

For any other engine part, please contact us !



USED FOR
MAZDA



Used for: MAZDA F2

Specifications: **Gasoline/LPG · 4 cylinders · Bore: 86,00 mm**

In: **YALE, HYSTER, EP FORKLIFT**

REF	Qty/eng	Remarks
PI395007STDA	4	STD Chamber depth 4 mm
PI395007025A	4	0,250 mm oversize Chamber depth 4 mm
PI395007050A	4	0,500 mm oversize Chamber depth 4 mm
PI395007STDB	4	STD Chamber depth 0,6 mm
PI395007025B	4	0,250 mm oversize Chamber depth 0,6 mm
PI395007050B	4	0,500 mm oversize Chamber depth 0,6 mm
SE395007STD	1	STD
SE395007025	1	0,250 mm oversize
SE395007050	1	0,500 mm oversize
IK395007A	4	Seat angle: 45°
IK395007B	4	Seat angle: 30°
UK395007A	4	Seat angle: 45°
UK395007B	4	Seat angle: 30°
KG395007	8	
HL395007STD	1	STD shaft dia: 59,955 mm
HL395007025	1	0,250 mm undersize
HL395007050	1	0,500 mm undersize
HL395007075	1	0,750 mm undersize
4BL395007STD	1	STD shaft dia: 50,955 mm
4BL395007025	1	0,250 mm undersize
4BL395007050	1	0,500 mm undersize
4BL395007075	1	0,750 mm undersize
KP395007	1	With oil seals and valve seals
BP395007	1	
JC395007	1	
KA395007	8	
SA395007	1	
KD395007	1	

REF	Qty/eng	Remarks
CB395007	10	
VP395007	1	
BM395007	8	
OP395007	1	
WP395007	1	Total height: 75,0 mm Total length: 236,0 mm With gasket
NA395007	1	
NT395007	1	
KT395007	1	
SK395007	1	
DR395007	1	
OF395007	1	
B0395007	4	

For any other engine part, please contact us !



Used for: MAZDA FE

Specifications: L.P.G • 4 cylinders • Bore: 86,00 mm

In: YALE, HYSTER

Used for: MAZDA

REF	Qty/ eng	Remarks	
PI 395004STDA	4	STD Chamber depth 4 mm	
PI 395004025A	4	0,250 mm oversize Chamber depth 4 mm	
PI 395004050A	4	0,500 mm oversize Chamber depth 4 mm	
PI 395004STDB	4	STD Chamber depth 0,6 mm	
PI 395004025B	4	0,250 mm oversize Chamber depth 0,6 mm	
PI 395004050B	4	0,500 mm oversize chamber depth 0,6 mm	
SE395004STD	1	STD	
SE395004025	1	0,250 mm oversize	
SE395004050	1	0,500 mm oversize	
IK395004A	4	Seat angle: 45°	
IK395004B	4	Seat angle: 30°	
UK395004A	4	Seat angle: 45°	
UK395004B	4	Seat angle: 30°	
KG395004	8		
HL395004STDA	1	STD shaft dia: 59,955 mm	
HL395004025A	1	0,250 mm undersize	
HL395004050A	1	0,500 mm undersize	
HL395004075A	1	0,750 mm undersize	
HL395004100A	1	1,000 mm undersize	
HL395004STDB	1	STD shaft dia: 59,955 mm	
HL395004025B	1	0,250 mm undersize	
HL395004050B	1	0,500 mm undersize	
HL395004075B	1	0,750 mm undersize	
4BL395004STD	1	STD shaft dia: 50,955 mm	
4BL395004025	1	0,250 mm undersize	
4BL395004050	1	0,500 mm undersize	
4BL395004075	1	0,750 mm undersize	
4BL395004100	1	1,000 mm undersize	
KP395004A	1	With front and rear oil seals and valve seals	
KP395004B	1	With front and rear oil seals and valve seals	
BP395004	1	With JCA	

REF	Qty/ eng	Remarks	
JC395004A	1		
JC395004B	1		
KA395004	8		
SV395004	1		
SA395004	1		
KD395004	1		
CB395004	10		
VP395004	1		
BM395004A	8	Height: 8,0 mm	
BM395004B	8	Height: 10,2 mm	
OP395004	1		
WP395004	1		
		With gasket	
RW395004	1		
NA395004	1		
NT395004A	1	Width: 29,0 mm	

For any other engine part, please contact us !








Used for: MAZDA

Used for: MAZDA FE

Specifications: **L.P.G** · **4 cylinders** · Bore: **86,00 mm**

In: **YALE, HYSTER**

REF	Qty/ eng	Remarks	
NT395004B	1	Width: 23,5 mm	
KT395004A	1	No holes	
KT395004B	1	6 x M8 holes for fixing pulley, with dowel pin	
KT395004C	1	6 x M6 holes for fixing pulley, no dowel pin	
SK395004	1		
DR395004A	1	Width: 22,0 mm	
DR395004B	1	Width: 3/4 inch	
			
OF395004	1		
B0395004	4		

For any other engine part, please contact us !



Used for: MAZDA HA

Specifications: Diesel · 4 cylinders · Bore: 95,00 mm

In: HYSTER, YALE

Used for: MAZDA

REF	Qty/ eng	Remarks
PI395005STD	4	STD
SE395005STD	1	STD
CH395005A	4	Finished
AS395005	4	With finished liner
IK395005B	4	
UK395005	4	
KS395005	8	
KG395005	8	
HL395005STD	1	STD shaft dia: 75,825 mm
HL3950050254	1	0,254 mm undersize
HL3950050508	1	0,508 mm undersize
HL3950050762	1	0,762 mm undersize
HL3950051016	1	1,016 mm undersize
AL395005STD	1	STD shaft dia: 84,700 mm STD thickness: 2,325 mm
4BL395005STD	1	STD shaft dia: 61,125 mm
4BL3950050254	1	0,254 mm undersize
4BL3950050508	1	0,508 mm undersize
4BL3950050762	1	0,762 mm undersize
4BL3950051016	1	1,016 mm undersize
PB395005	4	
KP395005	1	
JC395005	1	
KA395005	8	
SV395005	1	
SA395005	1	
KD395005	1	
CB395005A	7	M12; L: 125 mm
CB395005B	11	M12; L: 154 mm

REF	Qty/ eng	Remarks
VP395005	1	
BB395005	8	
BM395005	8	
OP395005	1	
WP395005	1	Total height: 107,0 mm Total length: 182,0 mm With gasket
NA395005	1	
NT395005	1	
KB395005	1	
TT395005	1	
OF395005	1	
GB395005	4	
IT395005	4	

For any other engine part, please contact us !



Used for: MAZDA TM

Specifications: Diesel · 4 cylinders · Bore: 109,00 mm

In: YALE

REF	Qty/eng	Remarks
PI395008STD	4	STD
SE395008STD	1	STD
CH395008A	AR	Finished red, mark 0 - 0.013
CH395008B	AR	Finished green, mark 0.013 - 0.026
IK395008	4	
UK395008	4	
KS395008	8	
KG395008	8	
HL395008STD	1	STD
HL395008025	1	0,250 mm undersize
HL395008050	1	0,500 mm undersize
HL395008075	1	0,750 mm undersize
AL395008STD	1	STD
AL395008035	1	0,350 mm undersize
4BL395008STD	1	STD
4BL395008025	1	0,250 mm undersize
4BL395008050	1	0,500 mm undersize
4BL395008075	1	0,750 mm undersize
PB395008	4	
KP395008	1	
BP395008	1	
JC395008	1	
KA395008A	4	Exhaust
KA395008B	4	Intake
SV395008	1	
SA395008	1	
KD395008	1	
CB395008A	11	Total length: 144,0 mm
CB395008B	7	Total length: 172,0 mm

REF	Qty/eng	Remarks
VP395008	1	
BB395008	8	
BM395008	8	
OP395008	1	
WP395008	1	Total height: 138,0 mm Total length: 248,0 mm Without gasket
RW395008	1	
NA395008	1	
NT395008	1	
TT395008	1	
OF395008A	1	Dia: 106,0 mm Height: 135,0 mm, 1" UNF
OF395008B	1	Dia: 94,0 mm Height: 126,0 mm, M20
GB395008	1	Intake heater
IT395008	4	

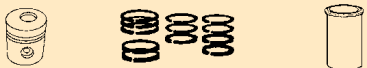
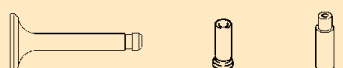
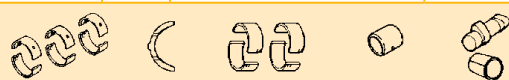
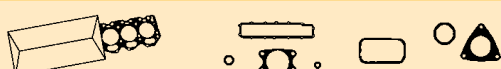



For any other engine part, please contact us !








Used for: MAZDA UA

Specifications: **Gasoline** · **4 cylinders** · Bore: **75,00 mm**

In: **YALE**

REF	Qty/eng	Remarks
		
PI395003STD	4	STD
SE395003STD	1	STD
CH395003	4	Finished
4AS395003	1	
		
IK395003	4	
UK395003	4	
KS395003	8	
KG395003	8	
		
HL395003STD	1	STD shaft dia: 62,955 mm
HL395003025	1	0,250 mm undersize
HL395003050	1	0,500 mm undersize
HL395003075	1	0,750 mm undersize
HL395003100	1	1,000 mm undersize
4BL395003STD	1	STD shaft dia: 49,955 mm
4BL395003025	1	0,250 mm undersize
4BL395003050	1	0,500 mm undersize
4BL395003075	1	0,750 mm undersize
4BL395003100	1	1,000 mm undersize
PB395003	4	
		
BP395003	1	With valve seals
CP395003	1	
JC395003	1	
		
DP395003	1	Without front seal
KA395003	4	Intake
SV395003	1	
SA395003	1	
KD395003	1	
		
CB395003A	5	Thread: 7/16", L: 124 mm
CB395003B	7	Thread: 7/16", L: 117 mm
		

REF	Qty/eng	Remarks
VP395003	1	
BB395003	8	
		
OP395003	1	
		
WP395003	1	Total height: 116,0 mm Total length: 284,0 mm
		
RW395003	1	
		
NA395003	1	
NT395003	1	
KT395003	1	
		
OF395003	1	
B0395003	4	

For any other engine part, please contact us !



Used for: MAZDA VA

Specifications: **Gasoline · 4 cylinders · Bore: 82,00 mm**

In: **YALE, HYSTER, KOMATSU**

REF	Qty/eng	Remarks
PI395002STD	4	STD
SE395002STD	1	STD
CH395002	4	Finished
IK395002	4	
UK395002	4	
KS395002	8	
KG395002	8	
HL395002STD	1	STD shaft dia: 62,955 mm
HL395002025	1	0,250 mm undersize
HL395002050	1	0,500 mm undersize
HL395002075	1	0,750 mm undersize
HL395002100	1	1,000 mm undersize
4BL395002STD	1	STD shaft dia: 52,955 mm
4BL395002025	1	0,250 mm undersize
4BL395002050	1	0,500 mm undersize
4BL395002075	1	0,750 mm undersize
4BL395002100	1	1,000 mm undersize
4BL395002125	1	1,250 mm undersize
4BL395002150	1	1,500 mm undersize
PB395002	4	
NL395002STD	1	STD
NL3950020125	1	0,125 mm undersize
NL395002025	1	0,250 mm undersize
KP395002	1	With oil seals and valve seals
BP395002	1	With valve seals
CP395002	1	
JC395002	1	
KA395002	8	
SV395002	1	
SA395002	1	
KD395002	1	

REF	Qty/eng	Remarks
CB395002A	3	Thread: 7/16", L: 124 mm
CB395002B	9	Thread: 7/16", L: 117 mm
VP395002	1	
BB395002	8	
OP395002	1	
WP395002A	1	Total height: 130,0 mm Total length: 440,0 mm Dia: 67,5 mm
WP395002B	1	Total height: 116,0 mm Total length: 448,0 mm Dia: 54,0 mm
RW395002A	1	For WP395002A
RW395002B	1	For WP395002B
NA395002	1	
NT395002	1	
KT395002AA	1	Width: 25,1 mm
KT395002AB	1	Width: 30,0 mm
KT395002B	1	Width: 23,0 mm
HT395002A	1	For Yale, 11 splines
HT395002B	1	For Hyster, 10 splines, last used on engine no 10087.2
HT395002C	1	For Hyster, 10-1 splines, first used on engine no 10088.2
OF395002A	1	Dia: 83.5 mm, height: 94.0 mm
OF395002B	1	Dia: 72.0 mm, height: 86.0 mm
B0395002	4	

For any other engine part, please contact us !



Used for: MAZDA XA

Specifications: Diesel • 4 cylinders • Bore: 88,95 mm

In: YALE, HYSTER, KOMATSU

Used for: MAZDA

REF	Qty/ eng	Remarks	
PI395001STDA	4	STD, for 5 rings, pin dia: 1 1/4"	
PI3950010254A	4	0,254 mm oversize	
PI3950010508A	4	0,508 mm oversize	
PI3950010764A	4	0,764 mm oversize	
PI395001STDB	4	STD, for 3 rings, piston pin dia: 28,0 mm	
PI395001STDC	4	STD, for 3 rings, piston pin dia: 28,0 mm	
SE395001STDA	1	STD For piston type A	
SE3950010254A	1	0,254 mm oversize For piston type A	
SE3950010508A	1	0,508 mm oversize For piston type A	
SE3950010764A	1	0,764 mm oversize For piston type A	
SE395001STDB	1	STD For piston type B	
SE395001STDC	1	STD For piston type C	
PISE395001STDC	4	STD With piston type C	
CH395001A	4	Semi-finished	
CH395001B	4	Finished	
IK395001A	4	d: 8 mm	
IK395001B	4	d: 9 mm	
UK395001A	4	d: 8 mm	
UK395001B	4	d: 9 mm	
KS395001	8		
KG395001A	8	d: 8,0 mm D: 12,8 mm L: 53,9 mm	
KG395001B	8	d: 9,0 mm D: 14,0 mm L: 54,2 mm	
KG395001C	8	d: 9,0 mm D: 14,0 mm L: 47,7 mm	

REF	Qty/ eng	Remarks	
HL395001STD	1	STD Shaft dia: 69,825 mm	
HL3950010254	1	0,254 mm undersize	
HL3950010508	1	0,508 mm undersize	
HL3950010762	1	0,762 mm undersize	
HL3950011016	1	1,016 mm undersize	
AL395001STD	1	STD Shaft dia: 78,700 mm Thickness: 2,325 mm	
AL3950010356	1	0,356 mm undersize	
4BL395001STD	1	STD Shaft dia: 57,125 mm	
4BL3950010254	1	0,254 mm undersize	
4BL3950010508	1	0,508 mm undersize	
4BL3950010762	1	0,762 mm undersize	
4BL3950011016	1	1,016 mm undersize	
PB395001A	4	Dia: 1 1/4"	
PB395001B	4	Dia: 28,0 mm Length: 26,6 mm	
PB395001C	4	Dia: 28,0 mm Length: 30,6 mm	
KP395001A	1	No oil seals	
KP395001B	1	With front and rear oil seals and valve seals	
KP395001C	1	With front and rear oil seals and valve seals	
JC395001A	1		
JC395001C	1		
KA395001A	8	Intake, 8,0 mm	
KA395001B	8	Exhaust, 8,0 mm	
KA395001C	8	Intake, exhaust, 9,0 mm	
SV395001A	1	Oil seal 70,0 x 50,0 x 11,0 mm	
SV395001B	1	Oil seal 70,0 x 50,0 x 11,0 mm with felt ring	
SA395001A	1	Housing and rope seal	











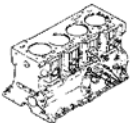
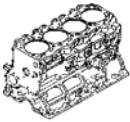













For any other engine part, please contact us !



Used for: MAZDA XA

Specifications: Diesel · 4 cylinders · Bore: 88,95 mm

In: YALE, HYSTER, KOMATSU

REF	Qty/eng	Remarks		REF	Qty/eng	Remarks		
SA395001B	1	Oil seal 125,0 x 101,6 x 13,0 mm		WP395001A	1		 	
KD395001A	1							
KD395001B	1							
								
CB395001A	13	Thread 1/2", total length: 115,5 mm		WP395001B	1	Total height: 149,0 mm Total length: 269,0 mm Dia: 80,2 mm	Without gasket  	
CB395001B	7	Thread: 1/2", total length: 159,5 mm						
CB395001C	11	Thread M12, total length: 134,5 mm						
CB395001D	7	Thread M12, total length: 163,5 mm		WP395001C	1	Total height: 107,0 mm Total length: 182,0 mm Dia: 80,0 mm	With gasket  	
VP395001A	1							
VP395001B	1			WP395001D			With gasket  	
BB395001A	8	Thread 7/16" UNF-20G						
BB395001B	8	Thread M11 x 1		RW395001A	1			
BM395001A	8			RW395001B	1			
BM395001B	8							
			 	NA395001	1			
OP395001A	1						    	
OP395001B	1			OF395001A	1	Dia: 106,0 mm Height: 176,0 mm, 1" UNF		
OP395001C	1			OF395001B	1	Dia: 106,0 mm Height: 135,0 mm, 1" UNF		
				GB395001A	4	10,5 V 90 x 20 A 21 x 12T		
				GB395001B	4	10,5 V 88 x 22 A 21 x 12S		
				IT395001	4			

For any other engine part, please contact us !

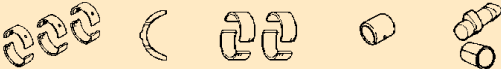


Used for: MAZDA ZB

Specifications: Diesel • 6 cylinders • Bore: 92,00 mm

In: YALE

Used for: MAZDA

REF	Qty/eng	Remarks
		
PI395006STD	6	STD
SE395006STD	1	STD
PISE395006STD	6	STD
CH395006	6	Finished
		
IK395006	6	
UK395006	6	
KS395006	12	
KG395006	12	
		
HL395006STD	1	STD shaft dia: 69,825 mm
HL3950060254	1	0,254 mm undersize
HL3950060508	1	0,508 mm undersize
HL3950060762	1	0,254 mm undersize
AL395006STD	1	STD shaft dia: 78,700 mm STD thickness: 2,325 mm
AL3950060254	1	0,254 mm undersize
6BL395006STD	1	STD shaft dia: 57,125 mm
6BL395006010	1	0.010" undersize
6BL395006020	1	0.020" undersize
6BL3950060254	1	0,254 mm undersize
6BL395006030	1	0.030" undersize
6BL3950060762	1	0,762 mm undersize
PB395006	6	Dia: 1 1/4"
		
KP395006A	1	Old
KP395006B	1	GP/GLP/ GDP35/40/45/50MC, with oil seals
BP395006	1	
JC395006	1	
KA395006	12	
SV395006	1	
SA395006	1	
KD395006	1	

REF	Qty/eng	Remarks
		
CB395006A	16	Thread: 1/2" L: 149,0 mm
CB395006B	12	Thread: 1/2" L: 108,0 mm
VP395006	1	
BB395006	12	
BM395006	12	
		
OP395006	1	
WP395006	1	Total height: 119,0 mm Total length: 126,0 mm Without gasket
		
		
NA395006	1	
NT395006	1	
KT395006	1	
TT395006	1	
		
OF395006	1	
GB395006	6	
IT395006	6	

For any other engine part, please contact us !



NOTES

NOTES

A series of horizontal dotted lines for taking notes.



USED FOR
MERCEDES



Used for: **MERCEDES OM314**

Specifications: **Diesel · 4 cylinders · Bore: 97,00 mm**

In: **FENWICK, STILL, IRION**

REF	Qty/ eng	Remarks
1SE676001STDA	4	STD, 5 rings
1SE676001050A	4	0,500 mm oversize, 5 rings
1SE676001100A	4	1,000 mm oversize, 5 rings
1SE676001STDB	4	STD, 4 rings
1SE676001050B	4	0,500 mm oversize, 4 rings
1SE676001100B	4	1,000 mm oversize, 4 rings
PISE676001STDA	4	STD, 5 rings/piston
PISE676001050A	4	0,500 mm oversize 5 rings/piston
PISE676001100A	4	1,000 mm oversize 5 rings/piston
PISE676001150A	4	1,500 mm oversize 5 rings/piston
PISE676001STDB	4	STD, 4 rings/piston
PISE676001050B	4	0,500 mm oversize 4 rings/piston
PISE676001100B	4	1,000 mm oversize 4 rings/piston
PISE676001150B	4	1,500 mm oversize 4 rings/piston
CH676001A	4	Semi-finished, outside dia 100,4 mm
CH676001B	4	Semi-finished, outside dia 103,0 mm
AS676001AA	4	PISE.STDA + CH.A
AS676001AB	4	PISE.STDA + CH.B
AS676001BA	4	PISE.STDB + CH.A
IK676001	4	
UK676001	4	
KS676001STD	8	STD
IG676001STD	4	STD
IG676001010	4	0,100 mm oversize
IG676001020	4	0,100 mm oversize
IG676001050	4	0,500 mm oversize
UG676001STD	4	STD
UG676001010	4	0,100 mm oversize
UG676001020	4	0,200 mm oversize
UG676001050	4	0,500 mm oversize
HL676001STD	1	STD shaft dia: 87,990-88,010 mm
HL676001025	1	0,250 mm undersize
HL676001050	1	0,500 mm undersize
HL676001075	1	0,750 mm undersize
HL676001100	1	1,000 mm undersize

REF	Qty/ eng	Remarks
4BL676001STD	1	STD shaft dia: 59,990-60,015 mm
4BL676001025	1	0,250 mm undersize
4BL676001050	1	0,500 mm undersize
4BL676001075	1	0,750 mm undersize
4BL676001100	1	1,000 mm undersize
4PB676001STD	1	STD
4PB676001020	1	0,200 mm oversize
4PB676001050	1	0,500 mm oversize
NL676001	1	
KP676001A	1	Up to engine no 492711
KP676001B	1	From engine no 492712
BP676001	1	
CP676001A	1	For plate iron sump
CP676001B	1	For cast iron sump
JC676001	1	
8KA676001A	1	Up to engine no 467999
8KA676001B	1	From engine no 468000
SV676001A	1	65,0 x 90,0 x 15,0 mm
SV676001B	1	65,0 x 90,0 x 12,0 mm
1SA676001	2	
KD676001	1	
BB676001A	4	Lower bolt
BB676001B	4	Upper bolt
BM676001	4	Nut for lower bolt
CG676001	17	Total length: 123,0 mm
CM676001	17	
OP676001	1	

For any other engine part, please contact us !






Used for: MERCEDES OM314

Specifications: Diesel · 4 cylinders · Bore: 97,00 mm

In: FENWICK, STILL, IRION

Used for: MERCEDES





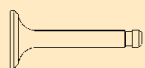







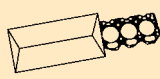



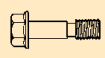






REF	Qty/ eng	Remarks
WP676001	1	Total height: 144,5 mm Total length: 218,0 mm 
RW676001	1	
NA676001	1	
NT676001	1	
KT676001	1	
OF676001	1	
IT676001	4	















Used for: **MERCEDES OM617**

Specifications: **Diesel · 5 cylinders · Bore: 91,00 mm**

In: **STILL**

REF	Qty/eng	Remarks
   		
1SE676002STD	5	STD
PISE676002STD	5	STD
CH676002	5	Semi-finished
  		
IK676002	5	
UK676002	5	
IG676002	5	
UG676002	5	
    		
HL676002STD	1	STD
1AL676002STD	2	STD
5BL676002STD	1	STD
5BL676002025	1	0,250 mm undersize
5BL676002050	1	0,500 mm undersize
   		
BP676002	1	JC is included in BP
CP676002	1	
10KA676002	1	Set for complete engine
SV676002	1	
SA676002	1	
  		
CB676002SET	1	Engine set
CB676002A	8	Length: 155,0 mm
CB676002B	5	Length: 115,0 mm
CB676002C	9	Length: 130,0 mm
BB676002	10	
BM676002	10	
 		
OP676002	1	
WP676002A	1	5 mounting holes
 		

REF	Qty/eng	Remarks
WP676002B	1	Total height: 135,4 mm Total length: 143,0 mm 4 mounting holes
 		
    		
NA676002	1	
DK676002	1	
    		
OF676002	1	
IT676002	5	

For any other engine part, please contact us !



Used for: **MERCEDES OM904LA**

Specifications: **Diesel · 4 cylinders · Bore: 102,00 mm**

In: **MANITOU**

REF	Qty/ eng	Remarks
1SE676003STD	4	STD
1SE676003030	4	0,300 mm oversize
1SE676003060	4	0,600 mm oversize
1SE676003090	4	0,900 mm oversize
PISE676003STD	4	STD
PISE676003030	4	0,300 mm oversize
PISE676003060	4	0,600 mm oversize
PISE676003090	4	0,900 mm oversize
IK676003	8	
UK656003	4	
KS676003	8	
KG676003STD	12	STD
KG676003020	12	0,200 mm oversize
KG676003050	12	0,500 mm oversize
1HL676003STD	5	STD
1HL676003010	5	0,100 mm undersize
1HL676003025	5	0,250 mm undersize
1HL676003050	5	0,500 mm undersize
1HL676003075	5	0,750 mm undersize
1HL676003100	5	1,000 mm undersize
AL676003STD	2	STD
AL676003030	2	0,300 mm oversize
AL676003050	2	0,500 mm oversize
BL676003STD	4	STD
BL676003010	4	0,100 mm undersize
BL676003025	4	0,250 mm undersize
BL676003050	4	0,500 mm undersize
BL676003075	4	0,750 mm undersize
BL676003100	4	1,000 mm undersize
1NL676003B	4	
1NL676003A	1	
BP676003	1	
CP676003	1	
JC676003	1	

REF	Qty/ eng	Remarks
KA676003	12	
SV676003	1	
SA676003	1	
KD676003	1	
CB676003	10	
BB676003	8	
OP676003	1	
WP676003	1	Total height: 127,0 mm Total length: 415,0 mm With gasket
NA676003	1	
KT676003	1	
OF676003	1	

Used for: **MERCEDES**

For any other engine part, please contact us !



NOTES

NOTES

A series of horizontal dotted lines for taking notes.



USED FOR
mitsubishi



Used for: **MITSUBISHI 4DQ5(0)**

Specifications: **Diesel · 4 cylinders · Bore: 84,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty/eng	Remarks	
PI272001STDA	4	STD, h: 80,4 mm Without piston pin and rings	
PI272001025A	4	0,250 mm oversize h: 80,4 mm Without piston pin and rings	
PI272001050A	4	0,500 mm oversize h: 80,4 mm Without piston pin and rings	
PI272001075A	4	0,750 mm oversize h: 80,4 mm Without piston pin and rings	
PI272001STDB	4	STD, h: 92,4 mm Without piston pin and rings	
PI272001025B	4	0,250 mm oversize h: 92,4 mm Without piston pin and rings	
PI272001050B	4	0,500 mm oversize h: 92,4 mm Without piston pin and rings	
PI272001075B	4	0,750 mm oversize h: 92,4 mm Without piston pin and rings	
PP272001A	4	Length: 65,0 mm	
PP272001B	4	Length: 70,0 mm	
PC272001	8		
SE272001STDA	1	STD	
SE272001025A	1	0,250 mm oversize	
SE272001050A	1	0,500 mm oversize	
SE272001075A	1	0,750 mm oversize	
SE272001STDB	1	STD	
SE272001025B	1	0,250 mm oversize	
SE272001075B	1	0,750 mm oversize	
SE272001050B	1	0,500 mm oversize	
CH272001	4	Semi-finished	
IK272001A	4	Seat angle: 30°	
IK272001B	4	Seat angle: 45°	
UK272001A	4	Seat angle: 30°	
UK272001B	4	Seat angle: 45°	
KS272001	8		
KG272001	8		
HL272001STD	1	STD shaft dia: 64,985 mm	
HL272001025	1	0,250 mm undersize	
HL272001050	1	0,500 mm undersize	
HL272001075	1	0,750 mm undersize	
HL272001100	1	1,000 mm undersize	
1BL272001STD	8	STD shaft dia: 57,965 mm	

REF	Qty/eng	Remarks	
1BL272001025	8	0,250 mm undersize	
1BL272001050	8	0,500 mm undersize	
1BL272001075	8	0,750 mm undersize	
1BL272001100	8	1,000 mm undersize	
PB272001	4	Dia: 25,0 mm	
NL272001	1		
1NL272001A	1		
1NL272001B	1		
1NL272001C	1		
KP272001A	1	No oil seals and valve seals	
KP272001B	1	No oil seals and valve seals	
BP272001	1		
CP272001	1		
JC272001	1		
KA272001	8		
SV272001	1		
SA272001A	1	For a wet clutch	
SA272001B	1	For a dry clutch	
KD272001	1		
CB272001A	12	M12 x 103,0 mm	
CB272001B	5	M12 x 60,0 mm	
VP272001	1		
BB272001	8		
BM272001	8		
OP272001A	1		





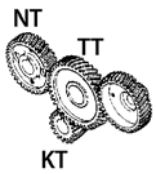



For any other engine part, please contact us !



Used for: **MITSUBISHI 4DQ5(0)**

Specifications: **Diesel · 4 cylinders · Bore: 84,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty/eng	Remarks	
OP272001B	1		
WP272001A	1	Total height: 142,0 mm Total length: 210,0 mm Grease lubricated	With gasket 
WP272001B	1	Total height: 142,0 mm Total length: 210,0 mm Engine oil lubricated	With gasket 
R0272001A	1		
R0272001B	1		
RW272001	1		
			
NA272001	1		
NT272001	1		
KT272001	1		
TT272001	1		
			
OF272001A	1	Cartridge	
OF272001B	1	Element	
GB272001A	4	22 V M10, Total length: 85,0 mm	
GB272001B	4	10,5 V M10, Total length: 83,0 mm	
GB272001C	4	22,5 V M10, Total length: 102,0 mm	

REF	Qty/eng	Remarks	
IT272001A	4	h: 27,0 mm	
IT272001B	4	h: 17,0 mm	

Used for: MITSUBISHI


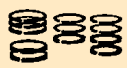

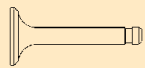








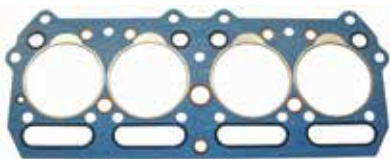
For any other engine part, please contact us !















Used for: **MITSUBISHI 4DQ7**

Specifications: **Diesel · 4 cylinders · Bore: 88,00 mm**

In: **MITSUBISHI, CATERPILLAR**

REF	Qty/eng	Remarks
		
PI272019STD	4	STD, without piston pin
PI272019025	4	0,250 mm oversize Without piston pin
PI272019050	4	0,500 mm oversize Without piston pin
PP272019	4	
PC272019	8	
SE272019STD	1	STD
SE272019025	1	0,250 mm oversize
SE272019050	1	0,500 mm oversize
CH272019	4	Semi-finished
		
IK272019	4	
UK272019	4	
KS272019	8	
KG272019	8	
		
HL272019STD	1	STD shaft dia: 64,985 mm
HL272019025	1	0,250 mm undersize
HL272019050	1	0,500 mm undersize
HL272019075	1	0,750 mm undersize
1BL272019STD	8	STD shaft dia: 57,965 mm
1BL272019025	8	0,250 mm undersize
1BL272019050	8	0,500 mm undersize
1BL272019075	8	0,750 mm undersize
PB272019	4	STD shaft dia: 25,000 mm
NL272019	1	
		
KP272019	1	
BP272019	1	
JC272019	1	
KA272019	8	
SV272019	1	
SA272019A	1	For torque converter and dry clutch
SA272019B	1	For wet clutch
KD272019	1	

REF	Qty/eng	Remarks
		
CB272019A	11	Length: 103,0 mm
CB272019B	6	Length: 60,0 mm
VP272019	1	
BB272019	8	
BM272019	8	
		
OP272019	1	
WP272019	1	Total height: 142,0 mm Total length: 210,0 mm  With gasket 
R0272019	1	
RW272019	1	
		
NA272019	1	
NT272019	1	 NT TT KT For camshaft
KT272019	1	
TT272019	1	
		
OF272019	1	
GB272019	4	
IT272019	4	DNOPD21

For any other engine part, please contact us !



Used for: **MITSUBISHI 4G15**

Specifications: **Gasoline · 4 cylinders · Bore: 75,50 mm**

In: **MITSUBISHI**

REF	Qty/ eng	Remarks
PI272017STD	4	STD
PI272017050	4	0,500 mm oversize
PI272017100	4	1,000 mm oversize
SE272017STD	1	STD
SE272017100	1	1,000 mm oversize
SE272017050	1	0,500 mm oversize
IK272017A	4	Dia: 26,0 mm
IK272017B	4	Dia: 31,0 mm
UK272017	4	Dia: 33,0 mm
IG272017005	8	0,050 mm oversize
IG272017025	8	0,250 mm oversize
IG272017050	8	0,500 mm oversize
UG272017005	4	0,050 mm oversize
UG272017025	4	0,250 mm oversize
UG272017050	4	0,500 mm oversize
2HL272017STDA	4	STD; straight Shaft dia: 48,00 mm
2HL272017STDB	1	STD; flanged Shaft dia: 48,00 mm
BL272017STDA	4	STD; width 15,5 mm
BL272017STDB	4	STD; width 17,5 mm
4BL272017025A	1	0,250 mm oversize Width 15,5 mm
4BL272017025B	1	0,250 mm oversize Width 17,5 mm
KP272017	1	With front and rear oil seals, with valve seals
BP272017	1	
JC272017	1	
KA272017	8	
SV272017	1	
SA272017	1	
KD272017	1	

REF	Qty/ eng	Remarks
CB272017	10	
VP272017	1	
BB272017	8	
BM272017	8	
OP272017A	1	
WP272017	1	Total height: 99,0 mm Total length: 222,0 mm With gasket
NA272017	1	
NT272017	1	
KT272017	1	
SK272017	1	
DR272017	1	
OF272017	1	
B0272017	4	

Used for: **MITSUBISHI**



Used for: **MITSUBISHI 4G33**

Specifications: **Gasoline · 4 cylinders · Bore: 73,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty/eng	Remarks	
PI272006STDA	4	STD	
PI272006025A	4	0,250 mm oversize	
PI272006050A	4	0,500 mm oversize	
PI272006075A	4	0,750 mm oversize	
PI272006100A	4	1,000 mm oversize	
PI272006STDB	4	STD	
PI272006025B	4	0,250 mm oversize	
PI272006050B	4	0,500 mm oversize	
PI272006075B	4	0,750 mm oversize	
PI272006100B	4	1,000 mm oversize	
SE272006STDA	1	STD 1st and 2nd ring: 1,5 mm 3rd ring: 4,0 mm	
SE272006025A	1	0,250 mm oversize 1st and 2nd ring: 1,5 mm 3rd ring: 4,0 mm	
SE272006050A	1	0,500 mm oversize 1st and 2nd ring: 1,5 mm 3rd ring: 4,0 mm	
SE272006075A	1	0,750 mm oversize 1st and 2nd ring: 1,5 mm 3rd ring: 4,0 mm	
SE272006100A	1	1,000 mm oversize 1st and 2nd ring: 1,5 mm 3rd ring: 4,0 mm	
SE272006STDB	1	STD 1st and 2nd ring: 2,0 mm 3rd ring: 4,0 mm	
SE272006050B	1	0,500 mm oversize 1st and 2nd ring: 2,0 mm 3rd ring: 4,0 mm	
SE272006075B	1	0,750 mm oversize 1st and 2nd ring: 2,0 mm 3rd ring: 4,0 mm	
SE272006100B	1	1,000 mm oversize 1st and 2nd ring: 2,0 mm 3rd ring: 4,0 mm	
IK272006A	4	Length: 106,0 mm	
IK272006B	4	Length: 103,5 mm	
UK272006A	4	Length: 102,5 mm	
UK272006B	4	Length: 100,0 mm	
IG272006005	4	0,050 mm oversize	
IG272006025	4	0,250 mm oversize	
IG272006050	4	0,500 mm oversize	
UG272006005	4	0,050 mm oversize	

REF	Qty/eng	Remarks	
UG272006025	4	0,250 mm oversize	
UG272006050	4	0,500 mm oversize	
HL272006STDA	1	STD shaft dia: 57,000 mm	
HL272006025A	1	0,250 mm undersize	
HL272006050A	1	0,500 mm undersize	
HL272006075A	1	0,750 mm undersize	
HL272006STDB	1	STD shaft dia: 57,000 mm	
HL272006025B	1	0,250 mm undersize	
HL272006050B	1	0,500 mm undersize	
HL272006075B	1	0,750 mm undersize	
4BL272006STD	1	STD shaft dia: 45,000 mm	
4BL272006025	1	0,250 mm undersize	
4BL272006050	1	0,500 mm undersize	
4BL272006075	1	0,750 mm undersize	
4BL272006100	1	1,000 mm undersize	
4BL272006125	1	1,250 mm undersize	
4BL272006150	1	1,500 mm undersize	
KP272006A	1	For engine with chain, with front and rear oil seals, with valve seals	
KP272006B	1	With front and rear oil seals, with valve seals	
KP272006C	1	With front and rear oil seals, with valve seals	
KP272006D	1	With front and rear oil seals, with valve seals	
BP272006	1	With JC272006C	
JC272006A	1		
JC272006B	1		
JC272006C	1		

For any other engine part, please contact us !



Used for: **MITSUBISHI 4G33**

Specifications: **Gasoline · 4 cylinders · Bore: 73,00 mm**

In: **MITSUBISHI, CLARK**

Used for: MITSUBISHI

REF	Qty/eng	Remarks	REF	Qty/eng	Remarks
JC272006D	1		RO272006A	1	
KA272006	8		RO272006B	1	h: 11,0 mm, complete oil pump not serviced
SV272006	1		RO272006C	1	h: 13,0 mm, complete oil pump not serviced
SA272006	1				
KD272006A	1		NA272006A	1	For a belt
KD272006B	1		NA272006B	1	For a chain
KD272006C	1		NT272006A	1	For belt type A
			NT272006B	1	For belt type B
CB272006	10		KT272006A	1	For belt type A
VP272006	1		KT272006B	1	Chain
BB272006	8		KT272006C	1	Chain, up to serial number 300410
BM272006	8		KT272006D	1	Chain, from serial number 300411
			KT272006E	1	For belt type B
OP272006A	1		KT272006F	1	For belt type B with key-groove
WP272006A	1	Total height: 126,6 mm Total length: 189,5 mm 	DK272006	1	
		With gasket	SK272006A	1	For a belt, fixing holes X: 91,0 mm
WP272006B	1	Total height: 98,5 mm Total length: 204,5 mm 	SK272006B	1	For a chain
		With gasket	SK272006C	1	For a belt, fixing holes X: 72,5 mm
			DR272006A	1	
OF272006A	1	Dia: 92,0 mm Height: 103,0 mm	DR272006B	1	
OF272006B	1	Dia: 94,0 mm Height: 78,0 mm			
OF272006C	1	Dia: 84,0 mm Height: 76,0 mm	B0272006A	4	W 14 EX-U
B0272006A	4	W 14 EX-U	B0272006B	4	W 16 EX-U

For any other engine part, please contact us !



Used for: **MITSUBISHI 4G41**

Specifications: **Gasoline · 4 cylinders · Bore: 76,50 mm**

In: **MITSUBISHI**

REF	Qty/ eng	Remarks
PI272014STD	4	STD
PI272014025	4	0,250 mm oversize
PI272014050	4	0,500 mm oversize
PI272014075	4	0,750 mm oversize
PI272014100	4	1,000 mm oversize
SE272014STD	1	STD
SE272014025	1	0,250 mm oversize
SE272014050	1	0,500 mm oversize
SE272014075	1	0,750 mm oversize
SE272014100	1	1,000 mm oversize
IK272014	4	
UK272014	4	
KS272014	8	
IG272014005	4	0,050 mm oversize
IG272014025	4	0,250 mm oversize
IG272014050	4	0,500 mm oversize
UG272014005	4	0,050 mm oversize
UG272014025	4	0,250 mm oversize
UG272014050	4	0,500 mm oversize
HL272014STD	1	STD shaft dia: 63,993 mm
HL272014025	1	0,250 mm undersize
HL272014050	1	0,500 mm undersize
HL272014075	1	0,750 mm undersize
HL272014100	1	1,000 mm undersize
1AL272014STDA	1	Outer, STD thickness: 3,575 mm
1AL272014STDB	1	Inner, STD thickness: 3,575 mm
4BL272014STD	1	STD shaft dia: 52,000 mm
4BL272014025	1	0,250 mm undersize
4BL272014050	1	0,500 mm undersize
4BL272014075	1	0,750 mm undersize
PB272014	4	
NL272014STD	1	
KP272014	1	With front and rear oil seals, with valve seals
BP272014	1	Without valve seals

REF	Qty/ eng	Remarks
JC272014	1	
KA272014	8	
SV272014	1	
SA272014	1	
KD272014	1	
CB272014A	5	L: 85,0 mm
CB272014B	5	L: 105,0 mm
VP272014	1	
BB272014	8	
OP272014	1	
WP272014	1	Total height: 98,0 mm Total length: 152,0 mm With gasket
NA272014	1	
NT272014	1	
KT272014	1	
DK272014	1	
SK272014	1	
OF272014	1	
B0272014	4	

For any other engine part, please contact us !



Used for: **mitsubishi 4G52**

Specifications: **Gasoline · 4 cylinders · Bore: 84,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty/ eng	Remarks
PI272007STD	4	STD
PI272007025	4	0,250 mm oversize
PI272007050	4	0,500 mm oversize
PI272007075	4	0,750 mm oversize
PI272007100	4	1,000 mm oversize
SE272007STD	1	STD
SE272007025	1	0,250 mm oversize
SE272007050	1	0,500 mm oversize
SE272007075	1	0,750 mm oversize
SE272007100	1	1,000 mm oversize
IK272007A	4	Length: 113,0 mm
IK272007B	4	Length: 110,0 mm
UK272007A	4	Length: 111,8 mm
UK272007B	4	Length: 108,8 mm
IG272007005	4	0,050 mm oversize
IG272007025	4	0,250 mm oversize
IG272007050	4	0,500 mm oversize
UG272007005	4	0,050 mm oversize
UG272007025	4	0,250 mm oversize
UG272007050	4	0,500 mm oversize
HL272007STDA	1	STD shaft dia: 66,000 mm
HL272007025A	1	0,250 mm undersize
HL272007050A	1	0,500 mm undersize
HL272007075A	1	0,750 mm undersize
HL272007100A	1	1,000 mm undersize
HL272007STDB	1	STD shaft dia: 60,000 mm
HL272007025B	1	0,250 mm undersize
HL272007050B	1	0,500 mm undersize
HL272007075B	1	0,750 mm undersize
HL272007100B	1	1,000 mm undersize
4BL272007STD	1	STD shaft dia: 53,000 mm
4BL272007025	1	0,250 mm undersize
4BL272007050	1	0,500 mm undersize
4BL272007075	1	0,750 mm undersize
4BL272007100	1	1,000 mm undersize
KP272007	1	With front and rear oil seals, with valve seals

REF	Qty/ eng	Remarks
BP272007	1	
JC272007	1	
KA272007A	4	Intake
KA272007B	4	Exhaust
SV272007	1	
SA272007	1	
KD272007	1	
CB272007	10	
VP272007	1	
BB272007	8	
BM272007	8	
OP272007	1	
WP272007	1	Total height: 114,0 mm Total length: 301,0 mm With gasket
R0272007	1	
NA272007A	1	Up to engine serial number 52Z00185 ('76)
NA272007B	1	
NT272007A	1	Up to engine serial number 52Z00030 ('76)

Used for: MITSUBISHI



Used for: **MITSUBISHI 4G52**

Specifications: **Gasoline · 4 cylinders · Bore: 84,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty/ eng	Remarks
NT272007B	1	From engine serial number 52Z00031 and up
NT272007C	1	
KT272007A	1	Number of teeth: 9
KT272007B	1	Number of teeth: 23
KT272007C	1	Number of teeth: 19
DK272007	1	
SK272007	1	
OK272007	1	
OF272007A	1	Height: 125,0 mm
OF272007B	1	Height: 103,0 mm
OF272007C	1	Height: 78,0 mm
B0272007A	4	W16 EX-U
B0272007B	4	W14 EX-U

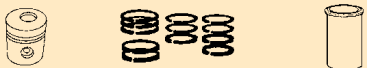
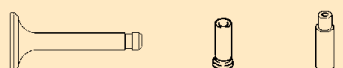

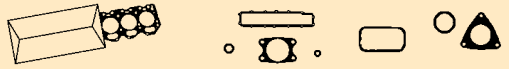







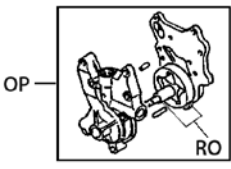

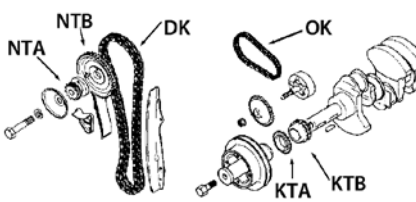
Used for: **MITSUBISHI 4G53**

Specifications: **Gasoline · 4 cylinders · Bore: 88,00 mm**

In: **MITSUBISHI**

Used for: MITSUBISHI

REF	Qty/ eng	Remarks
		
PI272008STD	4	STD
PI272008025	4	0,250 mm oversize
PI272008050	4	0,500 mm oversize
PI272008075	4	0,750 mm oversize
PI272008100	4	1,000 mm oversize
SE272008STD	1	STD
SE272008025	1	0,250 mm oversize
SE272008050	1	0,500 mm oversize
SE272008075	1	0,750 mm oversize
SE272008100	1	1,000 mm oversize
		
IK272008	4	
UK272008	4	
IG272008005	4	0,050 mm oversize
IG272008025	4	0,250 mm oversize
IG272008050	4	0,500 mm oversize
UG272008005	4	0,050 mm oversize
UG272008025	4	0,250 mm oversize
UG272008050	4	0,500 mm oversize
		
HL272008STDA	1	STD shaft dia: 66,000 mm
HL272008025A	1	0,250 mm undersize
HL272008050A	1	0,500 mm undersize
HL272008075A	1	0,750 mm undersize
HL272008100A	1	1,000 mm undersize
HL272008STDB	1	STD shaft dia: 60,000 mm
HL272008025B	1	0,250 mm undersize
HL272008050B	1	0,500 mm undersize
HL272008075B	1	0,750 mm undersize
HL272008100B	1	1,000 mm undersize
4BL272008STD	1	STD shaft dia: 53,000 mm
4BL272008025	1	0,250 mm undersize
4BL272008050	1	0,500 mm undersize
4BL272008075	1	0,750 mm undersize
4BL272008100	1	1,000 mm undersize
		
KP272008	1	With front and rear oil seals, with valve seals

REF	Qty/ eng	Remarks
JC272008	1	
KA272008	8	
SV272008	1	
SA272008	1	
KD272008	1	
		
CB272008	10	
VP272008	1	
BB272008	8	
BM272008	8	
		
OP272008	1	
WP272008	1	Total height: 114,0 mm Total length: 301,0 mm With gasket 
RO272008	1	
		
NA272008	1	
NT272008A	1	Number of teeth: 11
NT272008B	1	Number of teeth: 38
KT272008A	1	Number of teeth: 23

For any other engine part, please contact us !



Used for: MITSUBISHI

Used for: **MITSUBISHI 4G53**

Specifications: **Gasoline · 4 cylinders · Bore: 88,00 mm**

In: **mitsubishi**

REF	Qty/ eng	Remarks
KT272008B	1	Number of teeth: 19
DK272008	1	
SK272008	1	
OK272008	1	
OF272008	1	
B0272008A	4	W16 EX-U
B0272008B	4	W14 EX-U

For any other engine part, please contact us !



Used for: **MITSUBISHI 4G54**

Specifications: **Gasoline · 4 cylinders · Bore: 91,10 mm**

In: **MITSUBISHI, CLARK**

REF	Qty/ eng	Remarks	
PI272009STD	4	STD	
PI272009025	4	0,250 mm oversize	
PI272009050	4	0,500 mm oversize	
PI272009075	4	0,750 mm oversize	
PI272009100	4	1,000 mm oversize	
SE272009STD	1	STD	
SE272009025	1	0,250 mm oversize	
SE272009050	1	0,500 mm oversize	
SE272009075	1	0,750 mm oversize	
SE272009100	1	1,000 mm oversize	
IK272009A	4	Length: 110,0 mm	
IK272009B	4	Length: 108,0 mm	
UK272009A	4	Length: 108,0 mm	
UK272009B	4	Length: 106,0 mm	
IG272009005	4	0,050 mm oversize	
IG272009025	4	0,250 mm oversize	
IG272009050	4	0,500 mm oversize	
UG272009005	4	0,050 mm oversize	
UG272009025	4	0,250 mm oversize	
UG272009050	4	0,500 mm oversize	
HL272009STDA	1	STD shaft dia: 66,000 mm	
HL272009025A	1	0,250 mm undersize	
HL272009050A	1	0,500 mm undersize	
HL272009075A	1	0,750 mm undersize	
HL272009100A	1	1,000 mm undersize	
HL272009STDB	1	STD shaft dia: 60,000 mm	
HL272009025B	1	0,250 mm undersize	
HL272009050B	1	0,500 mm undersize	
HL272009075B	1	0,750 mm undersize	
HL272009100B	1	1,000 mm undersize	
4BL272009STD	1	STD shaft dia: 53,000 mm	
4BL272009025	1	0,250 mm undersize	
4BL272009050	1	0,500 mm undersize	
4BL272009075	1	0,750 mm undersize	
4BL272009100	1	1,000 mm undersize	

REF	Qty/ eng	Remarks	
KP272009	1	With front and rear oil seals, with valve seals	
BP272009	1		
JC272009	1		
KA272009A	4	Intake	
KA272009B	4	Exhaust	
SV272009	1		
SA272009	1		
KD272009	1		
CB272009	10		
VP272009	1		
BB272009	8		
BM272009	8		
OP272009A	1		
OP272009B	1		
WP272009A	1	Total height: 114,0 mm Total length: 301,0 mm	With gasket
WP272009B	1	Total height: 119,0 mm Total length: 215,0 mm	With gasket

Used for: MITSUBISHI

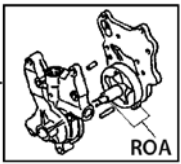

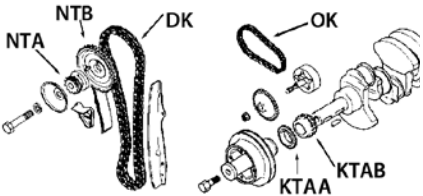




For any other engine part, please contact us !



Used for: **MITSUBISHI 4G54**

Specifications: **Gasoline · 4 cylinders · Bore: 91,10 mm**

In: **MITSUBISHI, CLARK**

REF	Qty/ eng	Remarks	
R0272009	1		
			
NA272009	1		
NT272009A	1	Number of teeth: 11	
NT272009B	1	Number of teeth: 38	
KT272009AA	1	Number of teeth: 23	
KT272009AB	1	Number of teeth: 34	
KT272009B	1	Number of teeth: 19 Double of gear	
DK272009	1		
SK272009	1		
OK272009A	1	Number of outer links: 24	
OK272009B	1	Number of outer links: 45	
			
OF272009A	1	Height: 103,0 mm	
OF272009B	1	Height: 78,0 mm	
B0272009A	4	W14 EX-U	
B0272009B	4	W16 EX-U	

For any other engine part, please contact us !



Used for: **MITSUBISHI 4G63**

Specifications: **Gasoline · 4 cylinders · Bore: 85,00 mm**

In: **MITSUBISHI, CLARK, CATERPILLAR, DAEWOO/DOOSAN, HYUNDAI, SAMSUNG**

REF	Qty/ eng	Remarks	
PI272012STDA	4	STD Pin 21 mm; h: 72 mm Grooves: 1,5 - 1,5 - 4,0 mm	
PI272012025A	4	0,250 mm oversize 1,5 - 1,5 - 4,0 mm	
PI272012050A	4	0,500 mm oversize 1,5 - 1,5 - 4,0 mm	
PI272012075A	4	0,750 mm oversize 1,5 - 1,5 - 4,0 mm	
PI272012100A	4	1,000 mm oversize 1,5 - 1,5 - 4,0 mm	
PI272012STDB	4	STD Pin 22 mm; h: 67 mm Grooves: 1,2 - 1,5 - 3,0 mm	
PI272012025B	4	0,250 mm oversize 1,2 - 1,5 - 3,0 mm	
PI272012050B	4	0,500 mm oversize 1,2 - 1,5 - 3,0 mm	
PI272012075B	4	0,750 mm oversize 1,2 - 1,5 - 3,0 mm	
PI272012100B	4	1,000 mm oversize 1,2 - 1,5 - 3,0 mm	
SE272012STDA	1	STD Rings: 1,5 - 1,5 - 4,0 mm	
SE272012025A	1	0,250 mm oversize 1,5 - 1,5 - 4,0 mm	
SE272012050A	1	0,500 mm oversize 1,5 - 1,5 - 4,0 mm	
SE272012075A	1	0,750 mm oversize 1,5 - 1,5 - 4,0 mm	
SE272012100A	1	1,000 mm oversize 1,5 - 1,5 - 4,0 mm	
SE272012STDB	1	STD Rings: 1,2 - 1,5 - 3,0 mm	
SE272012025B	1	0,250 mm oversize 1,2 - 1,5 - 3,0 mm	
SE272012050B	1	0,500 mm oversize 1,2 - 1,5 - 3,0 mm	
SE272012075B	1	0,750 mm oversize 1,2 - 1,5 - 3,0 mm	
SE272012100B	1	1,000 mm oversize 1,2 - 1,5 - 3,0 mm	
IK272012	4		
UK272012	4		
KS272012	8	Lash adjuster	
IG272012005	4	0,050 mm oversize	
IG272012025	4	0,250 mm oversize	
IG272012050	4	0,500 mm oversize	
UG272012005	4	0,050 mm oversize	
UG272012025	4	0,250 mm oversize	
UG272012050	4	0,500 mm oversize	

REF	Qty/ eng	Remarks	
HL272012STDA	1	STD; width: 22,8 mm Shaft dia: 57,000 mm	
HL272012025A	1	0,250 mm undersize Width: 22,8 mm	
HL272012050A	1	0,500 mm undersize Width: 22,8 mm	
HL272012075A	1	0,750 mm undersize Width: 22,8 mm	
HL272012STDB	1	STD; width: 20,5 mm Shaft dia: 57,000 mm	
HL272012025B	1	0,250 mm undersize Width: 20,5 mm	
HL272012050B	1	0,500 mm undersize Width: 20,5 mm	
HL272012075B	1	0,750 mm undersize Width: 20,5 mm	
2HL272012C	4	STD; width: 20,5 mm Shaft dia: 45,000 mm Without AL	
AL272012C	1		
4BL272012STDA	1	STD; width: 23,4 mm Shaft dia: 45,000 mm	
4BL272012025A	1	0,250 mm undersize Width: 23,4 mm	
4BL272012050A	1	0,500 mm undersize Width: 23,4 mm	
4BL272012075A	1	0,750 mm undersize Width: 23,4 mm	
4BL272012STDB	1	STD; width: 21,0 mm Shaft dia: 45,000 mm	
4BL272012025B	1	0,250 mm undersize Width: 21,0 mm	
4BL272012050B	1	0,500 mm undersize Width: 21,0 mm	
4BL272012075B	1	0,750 mm undersize Width: 21,0 mm	
KP272012A	1	With front and rear oil seals, with valve seals	
KP272012B	1	With front and rear oil seals, with valve seals	
BP272012	1	With valve seals	
JC272012	1		

Used for: **MITSUBISHI**









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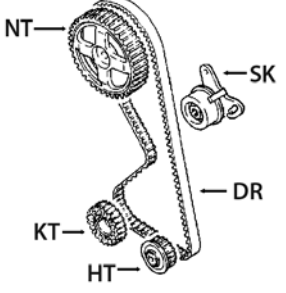



Used for: **MITSUBISHI 4G63**

Specifications: **Gasoline · 4 cylinders · Bore: 85,00 mm**

In: **MITSUBISHI, CLARK, CATERPILLAR, DAEWOO/DOOSAN, HYUNDAI, SAMSUNG**

REF	Qty/eng	Remarks	
KA272012A	4	Intake	
KA272012B	4	Exhaust	
SV272012	1		
SA272012A	1	96,0 x 80,0 x 9,0 mm	
SA272012B	1	112,0 x 97,0 x 8,0 mm	
SA272012C	1	103,0 x 85,0 x 8,0 mm	
KD272012	1		
			
CB272012A	10	M12 x 105,0 x 1,25	
CB272012B	10	M11 x 118,0 x 1,25	
VP272012	1		
BB272012A	8	M9 x 51 mm	
BB272012B	8	M8 x 54,9 mm	
BM272012A	8	M9 x 1 x height 10,0 mm	
BM272012B	8	M8 x 1 x height 8,0 mm	
			
OP272012A	1	Driven gear with straight teeth, total height: 14,0 mm	
OP272012B	1	Drive gear with straight teeth, total height: 80,2 mm	
OP272012C	1	Driven gear with helical teeth, total height: 14,0 mm	

REF	Qty/eng	Remarks	
OP272012D	1	Drive gear with helical teeth, total height: 80,2 mm	
WP272012	1	Total height: 113,0 mm Total length: 191,0 mm	
			
NA272012	1		
NT272012	1		
KT272012	1		
HT272012	1		
SK272012	1		
DR272012	1		
			
OF272012A	1	Dia: 94,0 mm Height: 82,0 mm, M20	
OF272012B	1	Dia: 72,0 mm Height: 82,0 mm, M20	
B0272012A	4	W14 EX-U	
B0272012B	4	BP4ES	

For any other engine part, please contact us !



Used for: **MITSUBISHI 4G64**

Specifications: **Gasoline · 4 cylinders · Bore: 86,50 mm**

In: **MITSUBISHI, CLARK, CATERPILLAR, DAEWOO/DOOSAN, HYUNDAI, SAMSUNG, BAOLI, GOODSENSE**

REF	Qty/ eng	Remarks
		
PI272011STDA	4	STD Pin 21 mm; h: 72 mm Grooves: 1,5 - 1,5 - 4,0 mm
PI272011025A	4	0,250 mm oversize 1,5 - 1,5 - 4,0 mm
PI272011050A	4	0,500 mm oversize 1,5 - 1,5 - 4,0 mm
PI272011075A	4	0,750 mm oversize 1,5 - 1,5 - 4,0 mm
PI272011100A	4	1,000 mm oversize 1,5 - 1,5 - 4,0 mm
PI272011STDB	4	STD Pin 22 mm; h: 67 mm Grooves: 1,2 - 1,5 - 3,0 mm
PI272011025B	4	0,250 mm oversize 1,2 - 1,5 - 3,0 mm
PI272011050B	4	0,500 mm oversize 1,2 - 1,5 - 3,0 mm
PI272011075B	4	0,750 mm oversize 1,2 - 1,5 - 3,0 mm
PI272011100B	4	1,000 mm oversize 1,2 - 1,5 - 3,0 mm
SE272011STDA	1	STD Rings: 1,5 - 1,5 - 4,0 mm
SE272011025A	1	0,250 mm oversize 1,5 - 1,5 - 4,0 mm
SE272011050A	1	0,500 mm oversize 1,5 - 1,5 - 4,0 mm
SE272011075A	1	0,750 mm oversize 1,5 - 1,5 - 4,0 mm
SE272011100A	1	1,000 mm oversize 1,5 - 1,5 - 4,0 mm
SE272011STDB	1	STD Rings: 1,2 - 1,5 - 3,0 mm
SE272011025B	1	0,250 mm oversize 1,2 - 1,5 - 3,0 mm
SE272011050B	1	0,500 mm oversize 1,2 - 1,5 - 3,0 mm
SE272011075B	1	0,750 mm oversize 1,2 - 1,5 - 3,0 mm
SE272011100B	1	1,000 mm oversize 1,2 - 1,5 - 3,0 mm
		
IK272011	4	
UK272011	4	
KS272011	8	Lash adjuster
IG272011005	4	0,050 mm oversize
IG272011025	4	0,250 mm oversize
IG272011050	4	0,500 mm oversize
UG272011005	4	0,050 mm oversize
UG272011025	4	0,250 mm oversize
UG272011050	4	0,500 mm oversize









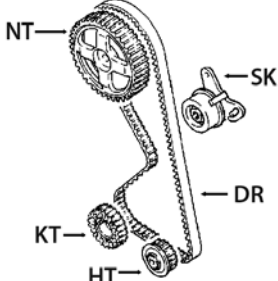

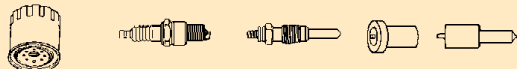




REF	Qty/ eng	Remarks
		
HL272011STDA	1	STD; width: 22,8 mm Shaft dia: 57,000 mm
HL272011025A	1	0,250 mm undersize Width: 22,8 mm
HL272011050A	1	0,500 mm undersize Width: 22,8 mm
HL272011075A	1	0,750 mm undersize Width: 22,8 mm
HL272011STDB	1	STD; width: 20,5 mm Shaft dia: 57,000 mm
HL272011025B	1	0,250 mm undersize Width: 20,5 mm
HL272011050B	1	0,500 mm undersize Width: 20,5 mm
HL272011075B	1	0,750 mm undersize Width: 20,5 mm
2HL272011C	5	STD; width: 23,4 mm Shaft dia: 45,00 mm Without AL
AL272011C	1	
4BL272011STDA	1	STD; width: 23,4 mm Shaft dia: 45,0 mm
4BL272011025A	1	0,250 mm undersize Width: 23,4 mm
4BL272011050A	1	0,500 mm undersize Width: 23,4 mm
4BL272011075A	1	0,750 mm undersize Width: 23,4 mm
4BL272011STDB	1	STD; width: 21,0 mm Shaft dia: 45,000 mm
4BL272011025B	1	0,250 mm undersize Width: 21,0 mm
4BL272011050B	1	0,500 mm undersize Width: 21,0 mm
4BL272011075B	1	0,750 mm undersize Width: 21,0 mm
		
KP272011A	1	With front and rear oil seals, with valve seals
KP272011B	1	With front and rear oil seals, with valve seals
BP272011	1	With valve seals
JC272011	1	



Used for: **MITSUBISHI 4G64**

Specifications: **Gasoline · 4 cylinders · Bore: 86,50 mm**

In: **MITSUBISHI, CLARK, CATERPILLAR, DAEWOO/DOOSAN, HYUNDAI, SAMSUNG, BAOLI, GOODSENSE**

REF	Qty/eng	Remarks	REF	Qty/eng	Remarks
KA272011A	4	Intake	OP272011D	1	Drive gear with helical teeth
KA272011B	4	Exhaust		Total height: 113,0 mm Total length: 191,0 mm With gasket	
SV272011	1				
SA272011A	1	96,0 x 80,0 x 9,0 mm	 	    	
SA272011B	1	112,0 x 97,0 x 8,0 mm, wet clutch			
SA272011C	1	103,0 x 85,0 x 8,0 mm	NA272011	1	
KD272011	1		NT272011	1	
			KT272011	1	
CB272011A	10	M12 x 105 x 1,25	HT272011	1	
CB272011B	10	M11 x 118 x 1,25 torque	SK272011	1	
VP272011	1		DR272011	1	
BB272011A	8	M9 x 1 x 56,5 mm			
BB272011B	8	M8 x 1 x 54,8 mm	OF272011A	1	Dia: 94,0 mm Height: 82,0 mm, M20
BM272011A	8	M9 x 1 x 9,0 mm	OF272011B	1	Dia: 72,0 mm, Height: 82,0 mm, M20
BM272011B	8	M8 x 1 x 8,0 mm	B0272011A	4	W14 EX-U
			B0272011B	4	BP4ES
OP272011A	1	Driven gear with straight teeth			
OP272011B	1	Drive gear with straight teeth			
OP272011C	1	Driven gear with helical teeth			

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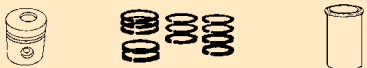


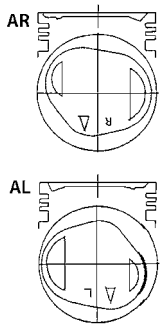
Used for: **MITSUBISHI 6G72**



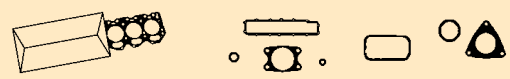

Specifications: **Gasoline · V6 cylinders · Bore: 91,10 mm**

In: **MITSUBISHI, CATERPILLAR**

Used for: MITSUBISHI

REF	Qty/ eng	Remarks
		
PI272015STDAR	3	STD Right hand Grooves: 1,5 - 1,5 - 4,0 mm
PI272015STDAL	3	STD Left hand Grooves: 1,5 - 1,5 - 4,0 mm
PI272015025AR	3	0,250 mm oversize Right hand Grooves: 1,5 - 1,5 - 4,0 mm
PI272015025AL	3	0,250 mm oversize Left hand Grooves: 1,5 - 1,5 - 4,0 mm
PI272015050AR	3	0,500 mm oversize Right hand Grooves: 1,5 - 1,5 - 4,0 mm
PI272015050AL	3	0,500 mm oversize Left hand Grooves: 1,5 - 1,5 - 4,0 mm
PI272015075AR	3	0,750 mm oversize Right hand Grooves: 1,5 - 1,5 - 4,0 mm
PI272015075AL	3	0,750 mm oversize Left hand Grooves: 1,5 - 1,5 - 4,0 mm
PI272015100AR	3	1,000 mm oversize Right hand Grooves: 1,5 - 1,5 - 4,0 mm
PI272015100AL	3	1,000 mm oversize Left hand Grooves: 1,5 - 1,5 - 4,0 mm
PI272015STD BR	3	STD Right hand Grooves: 1,25-1,5-3,0 mm
PI272015STD BL	3	STD Left hand Grooves: 1,25-1,5-3,0 mm
PI272015025 BR	3	0,250 mm oversize Right hand Grooves: 1,25-1,5-3,0 mm
PI272015025 BL	3	0,250 mm oversize Left hand Grooves: 1,25-1,5-3,0 mm
PI272015050 BR	3	0,500 mm oversize Right hand Grooves: 1,25-1,5-3,0 mm
PI272015050 BL	3	0,500 mm oversize Left hand Grooves: 1,25-1,5-3,0 mm
PI272015075 BR	3	0,750 mm oversize Right hand Grooves: 1,25-1,5-3,0 mm
PI272015075 BL	3	0,750 mm oversize Left hand Grooves: 1,25-1,5-3,0 mm
PI272015100 BR	3	1,000 mm oversize Right hand Grooves: 1,25-1,5-3,0 mm
PI272015100 BL	3	1,000 mm oversize Left hand Grooves: 1,25-1,5-3,0 mm
SE272015STDA	1	STD; 1,5 - 1,5 - 4,0 mm



REF	Qty/ eng	Remarks
SE272015025A	1	0,250 mm oversize 1,5 - 1,5 - 4,0 mm
SE272015050A	1	0,500 mm oversize 1,5 - 1,5 - 4,0 mm
SE272015075A	1	0,750 mm oversize 1,5 - 1,5 - 4,0 mm
SE272015STDB	1	STD; 1,25 - 1,5 - 3,0 mm
SE272015025B	1	0,250 mm oversize 1,25 - 1,5 - 3,0 mm
SE272015050B	1	0,500 mm oversize 1,25 - 1,5 - 3,0 mm
SE272015075B	1	0,750 mm oversize 1,25 - 1,5 - 3,0 mm
SE272015100B	1	1,000 mm oversize 1,25 - 1,5 - 3,0 mm
		
IK272015	6	
UK272015	6	
KS272015	12	Lash adjuster
IG272015005	6	0,050 mm oversize
IG272015025	6	0,250 mm oversize
IG272015050	6	0,500 mm oversize
UG272015005	6	0,050 mm oversize
UG272015025	6	0,250 mm oversize
UG272015050	6	0,500 mm oversize
		
HL272015STD	1	STD shaft dia: 60,000 mm
HL272015025	1	0,250 mm undersize
HL272015050	1	0,500 mm undersize
HL272015075	1	0,750 mm undersize
AL272015STD	1	STD shaft dia: 66,250 mm
6BL272015STD	1	STD shaft dia: 50,000 mm
6BL272015025	1	0,250 mm undersize
6BL272015050	1	0,500 mm undersize
6BL272015075	1	0,750 mm undersize
		
KP272015	1	With front and rear oil seals, with valve seals
BP272015	1	
JC272015	2	
KA272015	12	

For any other engine part, please contact us !



Used for: **MITSUBISHI 6G72**

Specifications: **Gasoline · V6 cylinders · Bore: 91,10 mm**

In: **MITSUBISHI, CATERPILLAR**

REF	Qty/ eng	Remarks	
SV272015	1		
SA272015	1		
KD272015	2		
CB272015	16		
VP272015	1		
BB272015	12		
BM272015	12		
OP272015	1		
WP272015	1	Total height: 122,8 mm Total length: 241,0 mm	With gasket
R0272015A	1		
R0272015B	1		
NA272015A	1	Right hand	
NA272015B	1	Left hand	
NT272015	1		
KT272015	1		
SK272015	1		
DR272015	1		
OF272015	1		
B0272015	6		

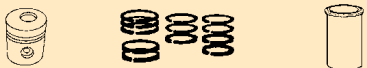
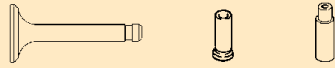
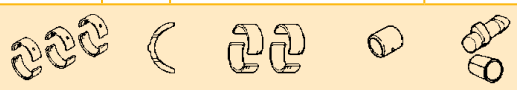
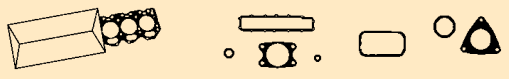


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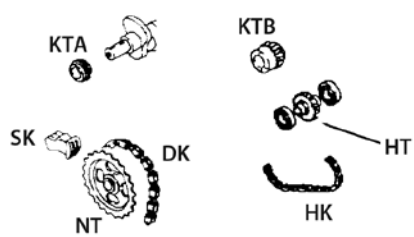



Used for: **MITSUBISHI K15**

Specifications: **Gasoline · 4 cylinders · Bore: 75,50 mm**

In: **MITSUBISHI**

REF	Qty/ eng	Remarks
		
PI272022STD	4	STD
PI272022050	4	0,500 mm oversize
PI272022100	4	1,000 mm oversize
SE272022STD	1	STD
SE272022050	1	0,500 mm oversize
SE272022100	1	1,000 mm oversize
		
IK272022	4	
UK272022	4	
KS272022	8	
		
HL272022STD	1	STD shaft dia: 62,955 mm
HL272022025	1	0,250 mm undersize
HL272022050	1	0,500 mm undersize
HL272022075	1	0,750 mm undersize
1BL272022STD	8	STD shaft dia: 44,974 mm
1BL272022008	8	0,080 mm undersize
1BL272022012	8	0,120 mm undersize
1BL272022025	8	0,250 mm undersize
NL272022STD	1	STD
NL272022025	1	0,250 mm oversize
NL272022050	1	0,500 mm oversize
NL272022075	1	1,000 mm oversize
		
KP272022	1	With cylinder head gasket JCA
BP272022	1	With cylinder head gasket JCA
JC272022A	1	Dual fuel engines, thickness: 1,7 mm 
JC272022B	1	LPG only, thickness: 1,0 - 1,25 mm 
KA272022	8	
SV272022	1	
SA272022	1	

REF	Qty/ eng	Remarks
KD272022	1	
		
CB272022	10	
VP272022	1	
BB272022	8	
BM272022	8	
		
OP272022	1	
		
WP272022	1	Total height: 96,0 mm Total length: 141,5 mm With gasket 
		
NA272022	1	
NT272022	1	
		
KT272022A	1	For timing chain
KT272022B	1	For hydraulic pump chain
HT272022A	1	10 splines, number of teeth: 27
HT272022B	1	11 splines, number of teeth: 23
DK272022	1	
SK272022	1	
HK272022A	1	Number of links: 36
HK272022B	1	Number of links: 35
		
OF272022	1	
B0272022A	4	FR2A-D
B0272022B	4	FR2B-D

For any other engine part, please contact us !


 Used for: **MITSUBISHI K21**

 Specifications: **Gasoline · 4 cylinders · Bore: 89,00 mm**

 In: **MITSUBISHI**

REF	Qty/ eng	Remarks	REF	Qty/ eng	Remarks
PI272023STDA	4	STD Grooves: 1,5 - 1,5 - 2,8 mm	JC272023A	1	Dual fuel engines Thickness 1,7 mm
PI272023050A	4	0,500 mm undersize 1,5 - 1,5 - 2,8 mm			
PI272023100A	4	1,000 mm undersize 1,5 - 1,5 - 2,8 mm	JC272023B	1	LPG only Thickness 1,0 - 1,25 mm
PI272023STDB	4	STD Grooves: 1,2 - 1,2 - 2,5 mm			
PI272023050B	4	0,500 mm oversize 1,2 - 1,2 - 2,5 mm	KA272023	8	
PI272023100B	4	1,000 mm oversize 1,2 - 1,2 - 2,5 mm	SV272023	1	
SE272023STDA	1	STD Rings: 1,5 - 1,5 - 2,8 mm	SA272023	1	
SE272023050A	1	0,500 mm oversize 1,5 - 1,5 - 2,8 mm	KD272023	1	
SE272023100A	1	1,000 mm oversize 1,5 - 1,5 - 2,8 mm			
SE272023STDB	1	STD Rings: 1,2 - 1,2 - 2,5 mm	CB272023	10	
SE272023050B	1	0,500 mm oversize 1,2 - 1,2 - 2,5 mm	VP272023	1	
SE272023100B	1	1,000 mm oversize 1,2 - 1,2 - 2,5 mm	BB272023	8	
			BM272023	8	
IK272023	4				
UK272023	4		OP272023	1	
KS272023	8				
			WP272023	1	Total height: 96,0 mm Total length: 141,5 mm With gasket
HL272023STD	1	STD shaft dia: 62,955 mm			
HL272023025	1	0,250 mm undersize			
HL272023050	1	0,500 mm undersize	NA272023	1	
HL272023075	1	0,750 mm undersize	NT272023	1	
1BL272023STD	8	STD shaft dia: 44,974 mm			
1BL272023008	8	0,080 mm undersize			
1BL272023012	8	0,120 mm undersize			
1BL272023025	8	0,250 mm undersize			
NL272023STD	1				
NL272023025	1				
NL272023050	1				
NL272023075	1				
KP272023	1	With cylinder head gasket JCA			
BP272023	1	With cylinder head gasket JCA			

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Used for: **MITSUBISHI K21**

Specifications: **Gasoline · 4 cylinders · Bore: 89,00 mm**

In: **MITSUBISHI**

Used for: MITSUBISHI

REF	Qty/ eng	Remarks
KT272023A	1	For timing chain
KT272023B	1	For hydraulic pump chain
HT272023B	1	11 splines, number of teeth: 23
HT272023A	1	10 splines, number of teeth: 27
DK272023	1	
SK272023	1	
HK272023A	1	Number of links: 36
HK272023B	1	Number of links: 35
QF272023	1	
B0272023A	4	FR2A-D
B0272023B	4	FR2B-D



Used for: **MITSUBISHI K25**

Specifications: **Gasoline · 4 cylinders · Bore: 89,00 mm**

In: **MITSUBISHI**

REF	Qty/eng	Remarks
PI272024STDA	4	STD Grooves: 1,5 - 1,5 - 2,8 mm
PI272024050A	4	0,500 mm oversize 1,5 - 1,5 - 2,8 mm
PI272024100A	4	1,000 mm oversize 1,5 - 1,5 - 2,8 mm
PI272024STDB	4	STD Grooves: 1,2 - 1,2 - 2,5 mm
PI272024050B	4	0,500 mm oversize 1,2 - 1,2 - 2,5 mm
PI272024100B	4	1,000 mm oversize 1,2 - 1,2 - 2,5 mm
SE272024STDA	1	STD Rings: 1,5 - 1,5 - 2,8 mm
SE272024050A	1	0,500 mm oversize 1,5 - 1,5 - 2,8 mm
SE272024100A	1	1,000 mm oversize 1,5 - 1,5 - 2,8 mm
SE272024STDB	1	STD Rings: 1,2 - 1,2 - 2,5 mm
SE272024050B	1	0,500 mm oversize 1,2 - 1,2 - 2,5 mm
SE272024100B	1	1,000 mm oversize 1,2 - 1,2 - 2,5 mm
IK272024	4	
UK272024	4	
KS272024	8	
HL272024STD	1	STD shaft dia: 62,955 mm
HL272024025	1	0,250 mm undersize
HL272024050	1	0,500 mm undersize
HL272024075	1	0,750 mm undersize
1BL272024STD	8	STD shaft dia: 44,974 mm
1BL272024008	8	0,080 mm undersize
1BL272024012	8	0,120 mm undersize
1BL272024025	8	0,250 mm undersize
NL272024STD	1	
NL272024025	1	
NL272024050	1	
NL272024075	1	
KP272024	1	With cylinder head gasket JCA
BP272024	1	With cylinder head gasket JCA

REF	Qty/eng	Remarks
JC272024A	1	Dual fuel engines Thickness 1,7 mm
JC272024B	1	LPG only Thickness 1,0 - 1,25 mm
KA272024	8	
SV272024	1	
SA272024	1	
KD272024	1	
CB272024	10	
VP272024	1	
BB272024	8	
BM272024	8	
OP272024	1	
WP272024	1	Total height: 96,0 mm Total length: 141,5 mm With gasket
NA272024	1	
NT272024	1	

For any other engine part, please contact us !



Used for: **MITSUBISHI K25**

Specifications: **Gasoline · 4 cylinders · Bore: 89,00 mm**

In: **MITSUBISHI**

Used for: **MITSUBISHI**

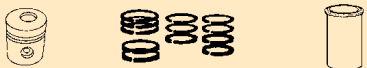

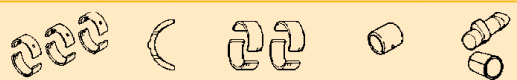
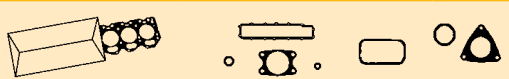

REF	Qty/ eng	Remarks
KT272024A	1	For timing chain
KT272024B	1	For hydraulic pump chain
HT272024A	1	10 splines, number of teeth: 27
HT272024B	1	11 splines, number of teeth: 23
DK272024	1	
SK272024	1	
HK272024A	1	Number of links: 36
HK272024B	1	Number of links: 35
OF272024	1	
B0272024A	4	FR2A-D
B0272024B	4	FR2B-D






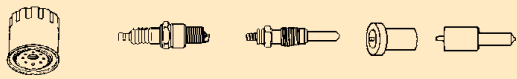




Used for: **MITSUBISHI KE42**

Specifications: **Gasoline · 4 cylinders · Bore: 84,00 mm**

In: **MITSUBISHI**

REF	Qty/eng	Remarks
		
PI272013STD	4	STD
PI272013025	4	0,250 mm oversize
PI272013050	4	0,500 mm oversize
PI272013075	4	0,750 mm oversize
PI272013100	4	1,000 mm oversize
SE272013STD	1	STD
SE272013025	1	0,250 mm oversize
SE272013050	1	0,500 mm oversize
SE272013075	1	0,750 mm oversize
SE272013100	1	1,000 mm oversize
		
IK272013	4	
UK272013	4	
KS272013	8	
IG272013005	4	0,050 mm oversize
IG272013025	4	0,250 mm oversize
IG272013050	4	0,500 mm oversize
UG272013005	4	0,050 mm oversize
UG272013025	4	0,250 mm oversize
UG272013050	4	0,500 mm oversize
		
HL272013STD	1	STD
HL272013025	1	0,250 mm undersize
HL272013050	1	0,500 mm undersize
HL272013075	1	0,750 mm undersize
1AL272013STD	2	Upper and lower
4BL272013STD	1	STD
4BL272013025	1	0,250 mm undersize
4BL272013050	1	0,500 mm undersize
4BL272013075	1	0,750 mm undersize
PB272013	4	
NL272013STD	1	STD
NL272013025	1	0,250 mm undersize
		
KP272013	1	With front and rear oil seals, with valve seals
JC272013	1	

REF	Qty/eng	Remarks
KA272013	8	
SV272013	1	
SA272013	1	
KD272013	1	
		
CB272013	10	
VP272013	1	
BB272013	8	
BM272013	8	
		
OP272013A	1	Engine number up to 30441
OP272013B	1	Engine number from 30442 and up
		
WP272013	1	Total height: 149,0 mm Total length: 365,0 mm
		
		
NA272013	1	
NT272013	1	
KT272013	1	
DK272013	1	
SK272013	1	
		
OF272013A	1	Element
		
OF272013B	1	Cartridge
		
B0272013	4	

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Used for: **MITSUBISHI KE46**

Specifications: **Gasoline · 4 cylinders · Bore: 73,00 mm**

In: **MITSUBISHI**

REF	Qty/ eng	Remarks
PI272016STD	4	STD
PI272016025	4	0,250 mm oversize
PI272016050	4	0,500 mm oversize
PI272016075	4	0,750 mm oversize
PI272016100	4	1,000 mm oversize
SE272016STD	1	STD
SE272016025	1	0,250 mm oversize
SE272016050	1	0,500 mm oversize
SE272016075	1	0,750 mm oversize
SE272016100	1	1,000 mm oversize
IK272016	4	
UK272016	4	
KS272016	8	
IG272016005	4	0,050 mm oversize
IG272016025	4	0,250 mm oversize
IG272016050	4	0,500 mm oversize
UG272016005	4	0,050 mm oversize
UG272016025	4	0,250 mm oversize
UG272016050	4	0,500 mm oversize
HL272016STD	1	STD shaft dia: 63,993 mm
HL272016025	1	0,250 mm undersize
HL272016050	1	0,500 mm undersize
HL272016075	1	1,000 mm undersize
1AL272016STDA	1	Outer, STD shaft dia: 34.300 mm
1AL272016STDB	1	Inner, STD shaft dia: 34.300 mm
4BL272016STD	4	STD shaft dia: 52,000 mm
4BL272016025	4	0,250 mm undersize
4BL272016050	4	0,500 mm undersize
4BL272016075	4	0,750 mm undersize
PB272016	4	
NL272016STD	1	STD
NL272016025	1	0,250 mm undersize
KP272016	1	

REF	Qty/ eng	Remarks
JC272016	1	
KA272016	8	
SV272016	1	
SA272016	1	
KD272016	1	
CB272016A	5	M10 x 85,0 mm
CB272016B	5	M10 x 105,0 mm
VP272016	1	
BB272016	8	
OP272016	1	
WP272016	1	Total height: 98,0 mm Total length: 152,0 mm With gasket
RW272016	1	
NA272016	1	
NT272016	1	
KT272016	1	
DK272016	1	
SK272016	1	
OF272016	1	
B0272016	4	

Used for: MITSUBISHI


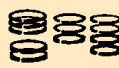














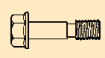


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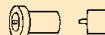



Used for: **MITSUBISHI L3E**

Specifications: **Diesel · 3 cylinders · Bore: 76,00 mm · Displacement: 0,952 l**

In: **CATERPILLAR 301.6C**

REF	Qty/eng	Remarks
  		
3PI272026STD	1	With piston pin, STD
3PI272026025	1	With piston pin, oversize: 0,250 mm
3PI272026050	1	With piston pin, oversize: 0,500 mm
1SE272026STD	3	STD
1SE272026025	3	Oversize: 0,250 mm
1SE272026050	3	Undersize: 0,50 mm
  		
IK272026	3	
UK272026	3	
KS272026	6	
KG272026	6	
    		
HL272026STD	1	STD STD shaft dia: 43,000 mm
HL272026025	1	Oversize: 0,250 mm
HL272026050	1	Oversize: 0,500 mm
BL272026STD	3	STD STD shaft dia: 40,000 mm
BL272026025	3	Undersize: 0,250 mm
BL272026050	3	Undersize: 0,500 mm
NL272026	1	
   		
JC272026	1	
KA272026	6	
SV272026	1	40,0 x 28,0 x 8,0 mm, rubber
SA272026	1	82,0 x 60,0 x 9,0 mm, metal-Viton
  		
CB272026A	8	M10 x 83,0 mm
CB272026B	3	M8 x 70,0 mm
VP272026	1	
BB272026	2	
BM272026	2	

REF	Qty/eng	Remarks
 		
OP272026A	1	Inner gear
OP272026B	1	Outer gear
WP272026	1	Total height: 110,00 mm Total length: 145,50 mm Without gasket
 		
    		
NA272026	1	
NT272026	1	
KT272026	1	
TT272026	1	
    		
OF272026	1	
GB272026	3	
IT272026	3	

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Used for: **MITSUBISHI S3L2**

Specifications: **Diesel · 3 cylinders · Bore: 78,00 mm · Displacement: 1,318 l**

In: **CATERPILLAR 302.5C, VOLVO EC25**

REF	Qty/ eng	Remarks
PI272025STD	3	STD
PI272025025	3	Oversize: 0,250 mm
PI272025050	3	Oversize: 0,500 mm
PP272025	3	
1SE272025STD	3	STD
1SE272025025	3	Oversize: 0,250 mm
1SE272025050	3	Oversize: 0,500 mm
IK272025	3	
UK272025	3	
KS272025	6	
IG272025	3	
UG272025	3	
HL272025STD	1	STD STD shaft dia: 52,000 mm
HL272025025	1	Undersize: 0,250 mm
HL272025050	1	Undersize: 0,500 mm
HL272025075	1	Undersize: 0,750 mm
BL272025STD	3	STD STD shaft dia: 48,000 mm
BL272025025	3	Undersize: 0,250 mm
BL272025050	3	Undersize: 0,500 mm
BL272025075	3	Undersize: 0,750 mm
NL272025	1	
KP272025	1	
JC272025	1	
KA272025	6	
SV272025	1	92,0 x 70,0 x 12,0 mm, Viton
SA272025	1	92,0 x 70,0 x 12,0 mm, Viton
KD272025	1	
CB272025	11	
VP272025	1	

REF	Qty/ eng	Remarks
BB272025	6	
BM272025	6	
OP272025	1	
WP272025A	1	Total height: 118,00 mm Total length: 192,00 mm Single tube connector: 13,00 mm
WP272025B	1	Total height: 118,00 mm Total length: 190,00 mm Double tube connector
NA272025	1	
NT272025	1	
KT272025	1	
TT272025	1	With bushing
OF272025	1	
GB272025	3	
IT272025	3	

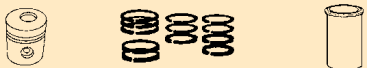
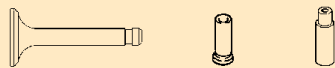
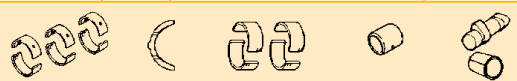
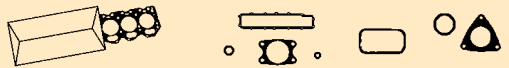


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Used for: **MITSUBISHI S3Q2**

Specifications: **Diesel · 3 cylinders · Bore: 88,00 mm · Displacement: 1,879 l**

In: **CATERPILLAR 303C CR**

REF	Qty/ eng	Remarks
		
3PI272027STD	1	STD
3PI272027025	1	Oversize: 0,250 mm
3PI272027050	1	Oversize: 0,500 mm
PP272027	1	
PC272027	2	
SE272027STD	1	STD
SE272027025	1	Undersize: 0,25 mm
SE272027050	1	Undersize: 0,50 mm
		
IK272027	3	
UK272027	3	
KS272027	6	
IG272027	3	
UG272027	3	
		
HL272027STD	1	STD
HL272027025	1	Undersize: 0,250 mm
HL272027050	1	Undersize: 0,500 mm
HL272027075	1	Undersize: 0,750 mm
BL272027STD	3	STD
BL272027025	3	Undersize: 0,250 mm
BL272027050	3	Undersize: 0,500 mm
BL272027075	3	Undersize: 0,750 mm
PB272027	1	
		
JC272027	1	
KA272027	6	
SV272027	1	68,0 x 45,0 x 12,0 mm, rubber
SA272027A	1	Main crankshaft seal
SA272027B	1	Rear case o-ring
KD272027	1	
		
CB272027	14	
VP272027	1	

REF	Qty/ eng	Remarks
BB272027	2	
BM272027	2	
		
OP272027	1	
WP272027	1	Total height: 112,80 mm Total length: 203,00 mm Without gasket 
		
NA272027	1	
NT272027	1	
TT272027	1	
		
OF272027	1	
GB272027	3	

For any other engine part, please contact us !



Used for: **MITSUBISHI S4E**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty/eng	Remarks	
PI272002STDA	4	STD; h: 98,5 mm Without pin and rings	
PI272002025A	4	0,250 mm oversize h: 98,5 mm Without pin and rings	
PI272002050A	4	0,500 mm oversize h: 98,5 mm Without pin and rings	
PI272002STDB	4	STD; h: 90,0 mm Without pin and rings	
PI272002025B	4	0,250 mm oversize h: 90,0 mm Without pin and rings	
PI272002050B	4	0,500 mm oversize h: 90,0 mm Without pin and rings	
PP272002	4		
PC272002	8	Snap ring	
SE272002STD	1	STD	
SE272002025	1	0,250 mm oversize	
SE272002050	1	0,500 mm oversize	
CH272002	4	Semi-finished	
IK272002A	4	Seat angle: 45°	
IK272002B	4	Seat angle: 30°	
UK272002A	4	Seat angle: 45°	
UK272002B	4	Seat angle: 30°	
KS272002	8		
KG272002	8		
1HL272002STD	10	STD shaft dia: 75,000 mm	
1HL272002025	10	0,250 mm undersize	
1HL272002050	10	0,500 mm undersize	
1HL272002075	10	0,750 mm undersize	
1HL272002100	10	1,000 mm undersize	
1AL272002STD	3	STD shaft dia: 82,250 mm, STD thickness: 2,450 mm	
1AL272002015	3	0,150 mm undersize	
1AL272002025	3	0,250 mm undersize	
1AL272002030	3	0,300 mm undersize	
1AL272002045	3	0,450 mm undersize	
1BL272002STD	8	STD shaft dia: 57,980 mm	
1BL272002025	8	0,250 mm undersize	
1BL272002050	8	0,500 mm undersize	
1BL272002075	8	0,750 mm undersize	
1BL272002100	8	1,000 mm undersize	

REF	Qty/eng	Remarks	
PB272002	4	STD shaft dia: 28,00 mm	
KP272002A	1	No oil seals and valve seals	
KP272002B	1	No oil seals and valve seals	
BP272002	1		
JC272002	1		
KA272002	8		
SV272002A		78 x 55 x 12 mm	
SV272002B		68 x 45 x 12 mm	
SA272002A	1	For a wet clutch	
SA272002B	1	For a dry clutch	
KD272002	1		
CB272002	17		
VP272002	1		
BB272002	8		
BM272002	8		
OP272002	1		
WP272002A	1	Total height: 140,5 mm Total length: 224,0 mm With oil seal, no oil nipple	

Used for: MITSUBISHI


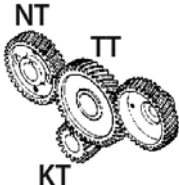

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Used for: **MITSUBISHI S4E**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty/ eng	Remarks	
WP272002B	1	Total height: 142,0 mm Total length: 224,0 mm No oil seal, with oil nipple	Without gasket 
RO272002	1		
RW272002	1		
			
NA272002	1		
NT272002	1		
KT272002	1		
TT272002	1		
			
OF272002	1		
GB272002A	4	22,5 V, M10 Total length: 102,0 mm	
GB272002B	4	22 V, M10 Total length: 85,0 mm	
IT272002A	4	h: 27,0 mm	
IT272002B	4	h: 17,0 mm	



Used for: **MITSUBISHI S4E2**

Specifications: **Diesel · 4 cylinders · Bore: 79,00 mm**

In: **MITSUBISHI, CLARK**

Used for: **MITSUBISHI**

REF	Qty/ eng	Remarks
PI272003STD	4	STD Without pin and rings
PI272003025	4	0,250 mm oversize without pin and rings
PI272003050	4	0,500 mm oversize without pin and rings
PP272003	4	
PC272003	8	
1SE272003STD	4	STD
1SE272003025	4	0,250 mm oversize
1SE272003050	4	0,500 mm oversize
CH272003	4	Semi-finished
IK272003	4	
UK272003	4	
KS272003	8	
KG272003	8	
1HL272003STD	10	STD shaft dia: 75,000 mm
1HL272003025	10	0,250 mm undersize
1HL272003050	10	0,500 mm undersize
1HL272003075	10	0,750 mm undersize
1HL272003100	10	1,000 mm undersize
1AL272003STD	3	STD shaft dia: 82,250 mm STD thickness: 2,450 mm
1AL272003015	3	0,150 mm undersize
1AL272003030	3	0,300 mm undersize
1AL272003045	3	0,450 mm undersize
1BL272003STD	8	STD shaft dia: 57,980 mm
1BL272003025	8	0,250 mm undersize
1BL272003050	8	0,500 mm undersize
1BL272003075	8	0,750 mm undersize
1BL272003100	8	1,000 mm undersize
PB272003	4	STD shaft dia: 28,00 mm
KP272003A	1	No oil seals and valve seals included
KP272003B	1	No oil seals and valve seals included
BP272003	1	

REF	Qty/ eng	Remarks
JC272003	1	
KA272003	8	
SV272003	1	
SA272003A	1	Sleeve with seal for a wet clutch
SA272003B	1	Sleeve with seal for a dry clutch
KD272003	1	
CB272003	17	
VP272003	1	
BB272003	8	
BM272003	8	
OP272003	1	
WP272003	1	Total height: 142,0 mm Total length: 224,0 mm Without gasket
R0272003	1	
RW272003	1	
NA272003	1	
NT272003	1	
KT272003	1	
TT272003	1	
OF272003	1	
GB272003	4	
IT272003A	4	h: 27,0 mm
IT272003B	4	h: 17,0 mm

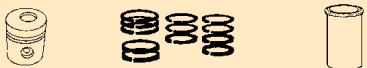
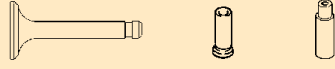
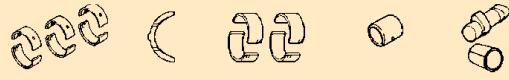
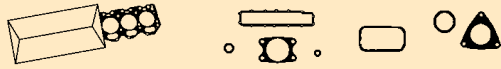

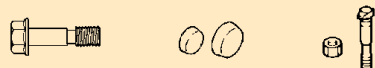
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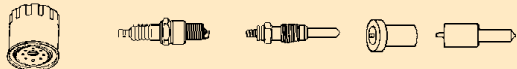


Used for: **MITSUBISHI S4L2-Y163ES**

Specifications: **Diesel · 4 cylinders · Bore: 78,00 mm · Displacement: 1,758 l**

In: **VOLVO EC35**

REF	Qty/eng	Remarks
		
PI272029STD	4	STD
PI272029025	4	Oversize: 0,250 mm
PI272029050	4	Oversize: 0,500 mm
PP272029	4	
1SE272029STD	4	STD
1SE272029025	4	Oversize: 0,250 mm
1SE272029050	4	Oversize: 0,500 mm
		
IK272029	4	
UK272029	4	
KS272029	8	
IG272029	4	
UG272029	4	
		
HL272029STD	1	STD STD shaft dia: 52,000 mm
HL272029025	1	Undersize: 0,250 mm
HL272029050	1	Undersize: 0,500 mm
HL272029075	1	Undersize: 0,750 mm
BL272029STD	4	STD STD shaft dia: 48,000 mm
BL272029025	4	Undersize: 0,250 mm
BL272029050	4	Undersize: 0,500 mm
BL272029075	4	Undersize: 0,750 mm
NL272029	1	
		
KP272029	1	
JC272029	1	
		
KA272029	8	
SV272029	1	50,0 x 35,0 x 8,0 mm, rubber
SA272029	1	92,0 x 70,0 x 12,0 mm, Viton
KD272029	1	
		
CB272029	14	
VP272029	1	

REF	Qty/eng	Remarks
BB272029	8	
BM272029	8	
		
OP272029	1	
		
WP272029	1	Total height: 118,00 mm Total length: 190,00 mm Double tube connector
		
		
TT272029A	1	Up to serial nr -53843
TT272029B	1	From serial nr 53844-
		
GB272029	4	
IT272029	1	

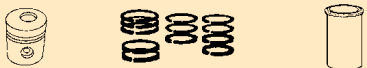
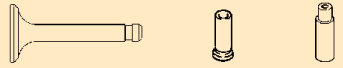
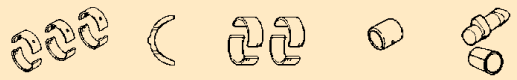
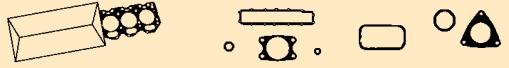


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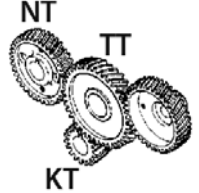



Used for: **MITSUBISHI S4Q2**

Specifications: **Diesel · 4 cylinders · Bore: 88,00 mm**

In: **MITSUBISHI, CATERPILLAR, NISSAN**

REF	Qty/ eng	Remarks
		
PI272018STD	4	STD; without piston pin
PI272018025	4	0,250 mm oversize without piston pin
PI272018050	4	0,500 mm oversize without piston pin
PP272018	4	
PC272018	8	
SE272018STD	1	STD
SE272018025	1	0,250 mm oversize
SE272018050	1	0,500 mm oversize
		
IK272018	4	
UK272018	4	
KS272018	8	
IG272018	4	
UG272018	4	
		
HL272018STD	1	STD
HL272018025	1	0,250 mm undersize
HL272018050	1	0,500 mm undersize
HL272018075	1	0,750 mm undersize
1BL272018STD	8	STD
1BL272018025	8	0,250 mm undersize
1BL272018050	8	0,500 mm undersize
1BL272018075	8	0,750 mm undersize
PB272018	4	
		
KP272018	1	No oil seals, with valve seals
BP272018	1	With valve seals
JC272018	1	
KA272018	8	
SV272018	1	
SA272018	1	
KD272018	1	
		
CB272018	18	

REF	Qty/ eng	Remarks
VP272018	1	
BB272018	8	
BM272018	8	
		
OP272018	1	
WP272018	1	Total height: 112,8 mm Total length: 203,0 mm Without gasket
		
		
NA272018	1	
NT272018	1	
KT272018	1	
TT272018	1	
		
GB272018	4	
IT272018A	4	DN15PD6
IT272018B	4	DN0PD21



Used for: **MITSUBISHI S4Q2T**

Specifications: **Diesel · 4 cylinders · Bore: 88,00 mm · Displacement: 2,505 l**

In: **CATERPILLAR 304C CR**

REF	Qty/ eng	Remarks
PI272028STD	4	STD
PI272028025	4	Oversize: 0,250 mm
PI272028050	4	Oversize: 0,500 mm
PP272028	1	
PC272028	2	
SE272028STD	1	STD
SE272028025	1	Oversize: 0,250 mm
SE272028050	1	Oversize: 0,500 mm
IK272028	4	
UK272028	4	
KS272028	8	
IG272028	4	
UG272028	4	
HL272028STD	1	STD STD shaft dia: 65,000 mm
HL272028025	1	Undersize: 0,250 mm
HL272028050	1	Undersize: 0,500 mm
HL272028075	1	Undersize: 0,750 mm
BL272028STD	4	STD STD shaft dia: 58,000 mm
BL272028025	4	Undersize: 0,250 mm
BL272028050	4	Undersize: 0,500 mm
BL272028075	4	Undersize: 0,750 mm
PB272028	1	
JC272028	1	
KA272028	8	
SV272028	1	68,0 x 45,0 x 12,0 mm, rubber
SA272028A	1	Main crankshaft seal
SA272028B	1	Rear case o-ring
KD272028	1	
CB272028	18	

REF	Qty/ eng	Remarks
VP272028	1	
BB272028	8	
BM272028	2	
OP272028	1	
WP272028	1	Total height: 112,80 mm Total length: 203,00 mm Without gasket
NA272028	1	
NT272028	1	
KT272028	1	
TT272028	1	
OF272028	1	
GB272028	4	

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Used for: **MITSUBISHI S4S**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty/ eng	Remarks
PI272010STDA	4	STD Without pin and rings Oil ring groove: 4,5 mm
PI272010025A	4	0,250 mm oversize Oil ring groove: 4,5 mm
PI272010050A	4	0,500 mm oversize Oil ring groove: 4,5 mm
PI272010STDB	4	STD Without pin and rings Oil ring groove: 4,0 mm
PI272010025B	4	0,250 mm oversize Oil ring groove: 4,0 mm
PI272010050B	4	0,500 mm oversize Oil ring groove: 4,0 mm
PP272010	4	
PC272010	8	
1SE272010STDA	4	STD; oil ring: 4,5 mm
1SE272010025A	4	0,250 mm oversize Oil ring: 4,5 mm
1SE272010050A	4	0,500 mm oversize Oil ring: 4,5 mm
1SE272010STDB	4	STD; oil ring: 4,0 mm
1SE272010025B	4	0,250 mm oversize Oil ring: 4,0 mm
1SE272010050B	4	0,500 mm oversize Oil ring: 4,0 mm
CH272010	4	Semi-finished block and liner need machining
IK272010	4	
UK272010	4	
KS272010	8	
KG272010	8	
2HL272010STD	5	STD shaft dia: 77,955 - 77,970 mm
2HL272010025	5	0,250 mm undersize
2HL272010050	5	0,500 mm undersize
2HL272010075	5	0,750 mm undersize
1AL272010STD	3	
1AL272010015	3	0,150 mm undersize
1AL272010030	3	0,300 mm undersize
1BL272010STD	8	STD shaft dia: 57,955 - 57,970 mm
1BL272010025	8	0,250 mm undersize
1BL272010050	8	0,500 mm undersize
1BL272010075	8	0,750 mm undersize
PB272010	4	

REF	Qty/ eng	Remarks	
KP272010	1	Without oil seals	
BP272010	1		
JC272010	1		
KA272010	8		
SV272010	1		
SA272010A	1	For a wet clutch	
SA272010B	1	For a dry clutch	
KD272010	1		
CB272010	17		
VP272010	1		
BB272010	8		
BM272010	8		
OP272010A	1	Axle has keyway	
OP272010B	1	Axle has flattened side	
WP272010	1	Total height: 113,3 mm Total length: 221,5 mm	

Used for: MITSUBISHI

For any other engine part, please contact us !



Used for: MITSUBISHI

Used for: **MITSUBISHI S4S**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty/ eng	Remarks	
NA272010	1		
NT272010	1		
KT272010	1		
TT272010	1		
HT272010A	1	With key	
HT272010B	1	With flattened hole	
QF272010	1		
GB272010	4		
IT272010	4		

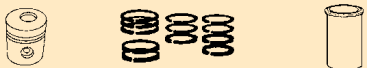
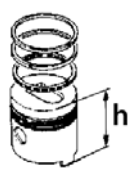
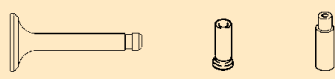
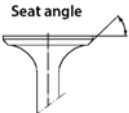
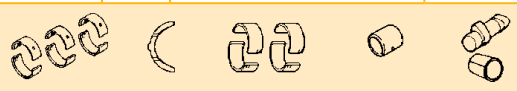
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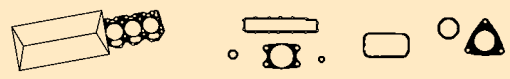




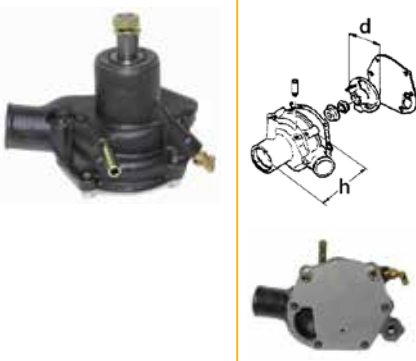


Used for: **MITSUBISHI S6E**

Specifications: **Diesel · 6 cylinders · Bore: 94,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty/eng	Remarks	
			
PI272004STDA	6	STD; h: 98,5 mm Without pin and rings	
PI272004025A	6	0,250 mm oversize h: 98,5 mm without pin and rings	
PI272004050A	6	0,500 mm oversize h: 98,5 mm without pin and rings	
PI272004STDB	6	STD; h: 90,0 mm Without pin and rings	
PI272004025B	6	0,250 mm oversize h: 90,0 mm without pin and rings	
PI272004050B	6	0,500 mm oversize h: 90,0 mm without pin and rings	
PP272004	6		
PC272004	12		
1SE272004STD	6	STD	
1SE272004025	6	0,250 mm oversize	
1SE272004050	6	0,500 mm oversize	
CH272004	6	Semi-finished	
			
IK272004A	6	Seat angle: 30°	
IK272004B	6	Seat angle: 45°	
UK272004A	6	Seat angle: 30°	
UK272004B	6	Seat angle: 45°	
KS272004	12		
KG272004	12		
			
1HL272004STD	14	STD shaft dia: 75,000 mm	
1HL272004025	14	0,250 mm undersize	
1HL272004050	14	0,500 mm undersize	
1HL272004075	14	0,750 mm undersize	
1HL272004100	14	1,000 mm undersize	
1AL272004STD	3	STD shaft dia: 82,250 mm, STD thickness: 2,450 mm	
1AL272004015	3	0,150 mm undersize	
1AL272004030	3	0,300 mm undersize	
1AL272004045	3	0,450 mm undersize	
1BL272004STD	12	STD shaft dia: 57,980 mm	
1BL272004025	12	0,250 mm undersize	
1BL272004050	12	0,500 mm undersize	
1BL272004075	12	0,750 mm undersize	
1BL272004100	12	1,000 mm undersize	
PB272004	6	STD shaft dia: 28,000 mm	




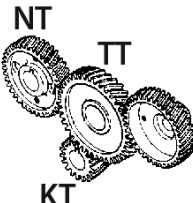


REF	Qty/eng	Remarks	
1NL272004A	1	STD shaft dia: 53,960 mm Number 1	
1NL272004C	1	STD shaft dia: 53,960 mm Number 3	
1NL272004B	2	STD shaft dia: 53,960 mm Number 2	
			
KP272004	1	No oil seals and valve seals included	
JC272004	2		
KA272004	12		
SV272004	1		
SA272004A	1	Sleeve with seal for a wet clutch	
SA272004B	1	Sleeve with seal for a dry clutch	
KD272004	1		
			
CB272004	26		
VP272004	1		
BB272004	12		
BM272004	12		
			
OP272004	1		
WP272004A	1	Total height: 142,0 mm Total length: 210,0 mm	With gasket d: 80,0 mm 



Used for: **MITSUBISHI S6E**

Specifications: **Diesel · 6 cylinders · Bore: 94,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty/ eng	Remarks	
WP272004B	1	Total height: 140,5 mm Total length: 224,0 mm 	
WP272004C	1	Total height: 165,5 mm Total length: 214,0 mm 	
R0272004	1		
NA272004	1		
NT272004	1		
KT272004	1		
TT272004	1		
			
OF272004	1		
GB272004A	6	22,5 V, M10 Total length: 102,0 mm	
GB272004B	6	22 V, M10 Total length: 85,0 mm	
IT272004A	6	h: 27,0 mm	
IT272004B	6	h: 17,0 mm	



Used for: **MITSUBISHI S6E2**

Specifications: **Diesel · 6 cylinders · Bore: 98,00 mm**

In: **MITSUBISHI, CLARK**

Used for: MITSUBISHI

REF	Qty/ eng	Remarks
PI272005STD	6	STD Without pin and rings
PI272005025	6	0,250 mm oversize without pin and rings
PI272005050	6	0,500 mm oversize without pin and rings
PP272005	6	
PC272005	12	
1SE272005STD	6	STD
1SE272005025	6	0,250 mm oversize
1SE272005050	6	0,500 mm oversize
CH272005	6	Semi-finished
IK272005	6	
UK272005	6	
KS272005	12	
KG272005	12	
1HL272005STD	14	STD shaft dia: 75,000 mm
1HL272005025	14	0,250 mm undersize
1HL272005050	14	0,500 mm undersize
1HL272005075	14	0,750 mm undersize
1HL272005100	14	1,000 mm undersize
1AL272005STD	3	STD shaft dia: 82,250 mm, STD thickness: 2,450 mm
1AL272005015	3	0,150 mm undersize
1AL272005030	3	0,300 mm undersize
1AL272005045	3	0,450 mm undersize
1BL272005STD	12	STD shaft dia: 57,980 mm
1BL272005025	12	0,250 mm undersize
1BL272005050	12	0,500 mm undersize
1BL272005075	12	0,750 mm undersize
1BL272005100	12	1,000 mm undersize
PB272005	6	STD shaft dia: 28,000 mm
1NL272005A	1	STD shaft dia: 53,960 mm Number 1
1NL272005B	2	STD shaft dia: 53,960 mm Number 2
1NL272005C	1	STD shaft dia: 53,960 mm Number 3
KP272005	1	No oil seals and valve seals included

REF	Qty/ eng	Remarks
JC272005	2	
KA272005	12	
SV272005	1	
SA272005A	1	Sleeve with seal for a wet clutch
SA272005B	1	Sleeve with seal for a dry clutch
KD272005	1	
CB272005	26	
VP272005	1	
BB272005	12	
BM272005	12	
OP272005	1	
WP272005A	1	Total height: 142,0 mm Total length: 210,0 mm With gasket
WP272005B	1	Total height: 165,5 mm Total length: 214,0 mm With gasket
R0272005	1	
NA272005	1	
NT272005	1	

For any other engine part, please contact us !

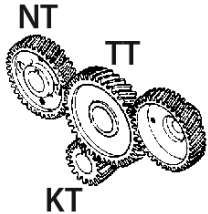
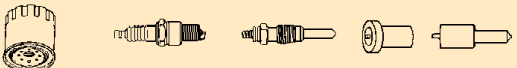



Used for: MITSUBISHI

Used for: **MITSUBISHI S6E2**

Specifications: **Diesel · 6 cylinders · Bore: 98,00 mm**

In: **MITSUBISHI, CLARK**

REF	Qty/ eng	Remarks	
KT272005A	1		
KT272005B	1	FD60-70	
IT272005	1		
			
OF272005	1		
GB272005	6		
IT272005A	6	h: 27,0 mm	
IT272005B	6	h: 17,0 mm	

For any other engine part, please contact us !



Used for: **MITSUBISHI S6K**

Specifications: **Diesel · 6 cylinders · Bore: 102,00 mm**

In: **MITSUBISHI, TCM**

REF	Qty/ eng	Remarks
PI272021STD	6	STD Without pin and rings
PI272021025	6	0,250 mm oversize without pin and rings
PI272021050	6	0,500 mm oversize without pin and rings
PP272021	6	
PC272021	12	
1SE272021STD	6	STD
1SE272021025	6	0,250 mm oversize
1SE272021050	6	0,500 mm oversize
CH272021	6	Semi-finished
IK272021	6	
UK272021	6	
KS272021	12	
IG272021	6	
UG272021	6	
2HL272021STD	7	STD shaft dia: 89,950 - 89,970 mm
2HL272021025	7	0,250 mm undersize
2HL272021050	7	0,500 mm undersize
2HL272021075	7	0,750 mm undersize
1AL272021STD	3	
1AL272021015	3	0,150 mm undersize
1AL272021030	3	0,300 mm undersize
1AL272021045	3	0,450 mm undersize
1BL272021STD	12	STD shaft dia: 59,945 - 59,965 mm
1BL272021025	12	0,250 mm undersize
1BL272021050	12	0,500 mm undersize
1BL272021075	12	0,750 mm undersize
PB272021	6	
1NL272021A	1	Front: 53,960 mm
1NL272021B	2	Middle: 53,960 mm
1NL272021C	1	Rear: 52,960 mm
KP272021	1	Without oil seals
JC272021	1	

REF	Qty/ eng	Remarks
KA272021	12	
SV272021	1	
SA272021	1	
KD272021	1	
CB272021	26	
VP272021	1	
BB272021	12	
BM272021	12	
OP272021A	1	Gear
OP272021B	1	Gear
OP272021C	1	Gasket
OP272021D	1	Cover
WP272021	1	Total height: 136,0 mm Total length: 168,5 mm Without gasket

Used for: MITSUBISHI

For any other engine part, please contact us !



Used for: MITSUBISHI

Used for: **MITSUBISHI S6K**

Specifications: **Diesel · 6 cylinders · Bore: 102,00 mm**

In: **MITSUBISHI, TCM**

REF	Qty/ eng	Remarks
<u>NA272021</u>	1	
<u>NT272021</u>	1	
<u>KT272021</u>	1	
<u>TT272021A</u>	1	Idler teeth: 49
<u>TT272021B</u>	1	Injection pump gear teeth: 46
<u>QF272021</u>	1	
<u>GB272021</u>	1	Air heater assembly
<u>IT272021</u>	6	



Used for: **MITSUBISHI S6S**

Specifications: **Diesel · 6 cylinders · Bore: 94,00 mm**

In: **MITSUBISHI, TCM, HYSTER, YALE, CATERPILLAR, NISSAN, HYUNDAI, HELI**

REF	Qty/ eng	Remarks
PI272020STDA	6	STD Without pin and rings Oil ring groove: 4,5 mm
PI272020025A	6	0,250 mm oversize Oil ring groove: 4,5 mm
PI272020050A	6	0,500 mm oversize Oil ring groove: 4,5 mm
PI272020STDB	6	STD; Without pin and rings Oil ring groove: 4,0 mm
PI272020025B	6	0,250 mm oversize Oil ring groove: 4,0 mm
PI272020050B	6	0,500 mm oversize Oil ring groove: 4,0 mm
PP272020	6	
PC272020	12	
1SE272020STDA	6	STD; oil ring: 4,5 mm
1SE272020025A	6	0,250 mm oversize Oil ring: 4,5 mm
1SE272020050A	6	0,500 mm oversize Oil ring: 4,5 mm
1SE272020STDB	6	STD; oil ring: 4,0 mm
1SE272020025B	6	0,250 mm oversize Oil ring: 4,0 mm
1SE272020050B	6	0,500 mm oversize Oil ring: 4,0 mm
CH272020	6	Semi-finished block and liner need machining
IK272020	6	
UK272020	6	
KS272020	12	
KG272020	12	
2HL272020STD	7	STD shaft dia: 77,955 - 77,970 mm
2HL272020025	7	0,250 mm undersize
2HL272020050	7	0,500 mm undersize
2HL272020075	7	0,750 mm undersize
1AL272020STD	3	
1AL272020015	3	0,150 mm undersize
1AL272020030	3	0,300 mm undersize
1BL272020STD	12	STD shaft dia: 57,955 - 57,970 mm
1BL272020025	12	0,250 mm undersize
1BL272020050	12	0,500 mm undersize
1BL272020075	12	0,750 mm undersize
PB272020	6	

REF	Qty/ eng	Remarks
1NL272020A	1	Front: 53,960 mm
1NL272020B	2	Middle: 53,960 mm
1NL272020C	1	Rear: 52,960 mm
KP272020	1	Without oil seals
JC272020	1	
KA272020	12	
SV272020	1	
SA272020A	1	For torque converter and dry clutch
SA272020B	1	For wet clutch
KD272020	1	
CB272020	25	
VP272020	1	
BB272020	12	
BM272020	12	
OP272020	1	
WP272020A	1	Total height: 115,0 mm Total length: 220,0 mm Dia: 80,0 mm Without grease nipple
WP272020B	1	Height: 133,0 mm Dia: 66,0 mm With grease nipple

Used for: MITSUBISHI

For any other engine part, please contact us !



Used for: **MITSUBISHI S6S**

Specifications: **Diesel · 6 cylinders · Bore: 94,00 mm**

In: **MITSUBISHI, TCM, HYSTER, YALE, CATERPILLAR, NISSAN, HYUNDAI, HELI**

REF	Qty/ eng	Remarks
NA272020	1	
NT272020	1	
KT272020	1	
TT272020	1	
HT272020	1	
OF272020	1	
GB272020	6	
IT272020A	6	DN15DP6
IT272020B	6	DNOPD21



USED FOR
MWM



Used for: MWM

Used for: MWM D226B4

Specifications: Diesel · 4 cylinders · Bore: 105,00 mm

In: STILL, FENDT

REF	Qty/ eng	Remarks
1SE787002STD	4	STD
PISE787002STD	4	STD
CH787002	4	Finished, without liner seals
AS787002	4	With liner seals
IK787002	4	
UK787002	4	
IG787002	4	
UG787002	4	
HL787002STD	1	STD, with thrust washer set AL787002STD
HL787002025	1	0,250 mm undersize, with thrust washer set AL787002STD
HL787002050	1	0,500 mm undersize, with thrust washer set AL787002STD
HL787002075	1	0,750 mm undersize, with thrust washer set AL787002STD
HL787002100	1	1,000 mm undersize, with thrust washer set AL787002STD
AL787002STD	1	STD
BL787002STD	4	STD
BL787002025	4	0,250 mm undersize
BL787002050	4	0,500 mm undersize
BL787002075	4	0,750 mm undersize
BL787002100	4	1,000 mm undersize
PB787002	4	
JC787002	4	
SV787002	1	
SA787002	1	
KD787002	1	
BB787002	8	

REF	Qty/ eng	Remarks
OP787002	1	26,0 mm suction diameter
WP787002	1	Total height: 112,0 mm Total length: 145,0 mm With gasket
OF787002	1	

For any other engine part, please contact us !



Used for: MWM TD226B4

Specifications: Diesel · 4 cylinders · Bore: 105,00 mm

In: STILL, CASE IH, FENDT

Used for: MWM

REF	Qty/ eng	Remarks
1SE787001STD	4	STD, for 3-ring piston use only 1st, 2nd and 4th ring
PISE787001STDA	4	STD, IHC
PISE787001STDB	4	STD, FENDT
CH787001	4	Finished
AS787001A	4	With liner seals, IHC
AS787001B	4	With liner seals, FENDT
IK787001	4	
UK787001	4	
IG787001	4	
UG787001	4	
HL787001STD	1	STD, with thrust washer set AL787001STD
HL787001025	1	0,250 mm undersize, with thrust washer set AL787001STD
HL787001050	1	0,500 mm undersize, with thrust washer set AL787001STD
HL787001075	1	0,750 mm undersize, with thrust washer set AL787001STD
HL787001100	1	1,000 mm undersize, with thrust washer set AL787001STD
AL787001STD	1	STD
BL787001STD	4	STD
BL787001025	4	0,250 mm undersize
BL787001050	4	0,500 mm undersize
BL787001075	4	0,750 mm undersize
BL787001100	4	1,000 mm undersize
PB787001	4	
BP787001	4	Only CASE IH until 12/98
JC787001	4	
SV787001	1	
SA787001	1	
KD787001	4	

REF	Qty/ eng	Remarks
BB787001	8	
OP787001A	1	36,0 mm suction diameter
OP787001B	1	26,0 mm suction diameter
WP787001	1	Total height: 112,0 mm Total length: 145,0 mm
OF787001A	1	IHC
OF787001B	1	FENDT

For any other engine part, please contact us !



NOTES

NOTES

Lined area for notes with horizontal dotted lines.



USED FOR
NISSAN



Used for: NISSAN A12

Specifications: **Gasoline** · **4 cylinders** · Bore: **73,00 mm**

In: **KOMATSU, NISSAN**

REF	Qty/eng	Remarks
PI057009STD	4	STD
PI057009050	4	0,500 mm oversize
PI057009100	4	1,000 mm oversize
SE057009STD	1	STD
SE057009050	1	0,500 mm oversize
SE057009100	1	1,000 mm oversize
IK057009	4	
UK057009	4	
KS057009	8	
IG057009	4	
UG057009	4	
HL057009STD	1	STD shaft dia: 49,964 mm
HL057009025	1	0,250 mm undersize
HL057009050	1	0,500 mm undersize
HL057009075	1	0,750 mm undersize
HL057009100	1	1,000 mm undersize
HL057009125	1	1,250 mm undersize
HL057009150	1	1,500 mm undersize
1BL057009STD	8	STD shaft dia: 44,974 mm
1BL057009025	8	0,250 mm undersize
1BL057009050	8	0,500 mm undersize
1BL057009075	8	0,750 mm undersize
1BL057009100	8	1,000 mm undersize
1BL057009125	8	1,250 mm undersize
1BL057009150	8	1,500 mm undersize
NL057009STD	1	STD
NL057009025	1	0,250 mm undersize
NL057009050	1	0,500 mm undersize
NL057009075	1	0,750 mm undersize
KP057009	1	Overhaul gasket kit, with oil seals (front and rear), with valve seals
JC057009	1	
KA057009	8	

REF	Qty/eng	Remarks
SV057009	1	
SA057009	1	
KD057009	1	
CB057009A	9	L: 96 mm
CB057009B	1	L: 110 mm
VP057009	1	
BB057009	8	
BM057009	8	
OP057009	1	
WP057009	1	Total height: 94,5 mm Total length: 141,0 mm Without gasket
NA057009	1	
NT057009	1	
KT057009	1	
DK057009	1	
SK057009	1	
OF057009	1	
B0057009	4	

For any other engine part, please contact us !



Used for: NISSAN A15

Specifications: Gasoline · 4 cylinders · Bore: 76,00 mm

In: NISSAN, TCM, KOMATSU

Used for: NISSAN

REF	Qty/ eng	Remarks	
PI057008STD	4	STD	
PI057008050	4	0,500 mm oversize	
PI057008100	4	1,000 mm oversize	
SE057008STD	1	STD	
SE057008050	1	0,500 mm oversize	
SE057008100	1	1,000 mm oversize	
CH057008A	4	4,000 mm oversize Semi-finished	
CH057008B	4		
IK057008	4		
UK057008	4		
KS057008A	8	Length: 56,0 mm, dia 1: 12,7 mm, dia 2: 24,0 mm	
KS057008B	8	Length: 56,0 mm, dia 1: 12,7 mm, dia 2: 22,0 mm	
IG057008	4		
UG057008	4		
HL057008STD	1	STD shaft dia: 44,964 mm	
HL057008025	1	0,250 mm undersize	
HL057008050	1	0,500 mm undersize	
HL057008075	1	0,750 mm undersize	
HL057008100	1	1,000 mm undersize	
HL057008125	1	1,250 mm undersize	
HL057008150	1	1,500 mm undersize	
1BL057008STD	8	STD shaft dia: 44,974 mm	
1BL057008025	8	0,250 mm undersize	
1BL057008050	8	0,500 mm undersize	
1BL057008075	8	0,750 mm undersize	
1BL057008100	8	1,000 mm undersize	
1BL057008125	8	1,250 mm undersize	
1BL057008150	8	1,500 mm undersize	
NL057008STD	1	STD	
NL057008025	1	0,250 mm undersize	
NL057008050	1	0,500 mm undersize	
NL057008075	1	0,750 mm undersize	
KP057008	1		
BP057008	1		

REF	Qty/ eng	Remarks	
JC057008	1		
KA057008	8		
SV057008	1		
SA057008	1		
KD057008	1		
CB057008A	9	Total length: 107,0 mm	
CB057008B	1	Total length: 120,0 mm	
VP057008	1		
BB057008	8		
BM057008	8		
OP057008	1		
WP057008A	1	Total height: 106,0 mm Total length: 188,0 mm	With gasket
WP057008B	1	Total height: 91,50 mm Total length: 177,5 mm	Without gasket
RW057008	1		
NA057008	1		
NT057008	1		
KT057008A	1		

For any other engine part, please contact us !

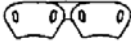




Used for: NISSAN

Used for: NISSAN A15

Specifications: **Gasoline** · **4 cylinders** · Bore: **76,00 mm**

In: **NISSAN, TCM, KOMATSU**

REF	Qty/ eng	Remarks	
KT057008B	1	For HK057008A	
KT057008C	1	For HK057008B	
HT057008A	1	For HK057008A	
HT057008B	1	For HK057008B	
DK057008	1		
SK057008	1		
HK057008A	1	Hinged on one side	
HK057008B	1	Hinged on both sides	
			
OF057008	1		
B0057008	4		

For any other engine part, please contact us !



Used for: NISSAN BD30

Specifications: Diesel · 4 cylinders · Bore: 96,00 mm

In: NISSAN, EP FORKLIFT

Used for: NISSAN

REF	Qty/ eng	Remarks
PI057012STD	4	STD
SE057012STD	1	STD
CH057012A	4	Finished
CH057012B	4	Semi-finished
IK057012	4	
UK057012	4	
KG057012	8	
HL057012STD	1	STD shaft dia: 70,920 mm
HL057012025	1	0,250 mm undersize
HL057012050	1	0,500 mm undersize
HL057012075	1	0,750 mm undersize
HL057012100	1	1,000 mm undersize
AL057012STD	1	STD shaft dia: 78,850 mm STD thickness: 2,325 mm
AL057012020	1	0.020" undersize
AL057012040	1	0.040" undersize
BL057012STD	4	STD shaft dia: 56,920 mm
BL057012025	4	0,250 mm undersize
BL057012050	4	0,500 mm undersize
BL057012075	4	0,750 mm undersize
BL057012100	4	1,000 mm undersize
PB057012	4	
NL057012STD	1	STD
NL057012025	1	0,250 mm undersize
NL057012050	1	0,500 mm undersize
NL057012075	1	0,750 mm undersize
KP057012	1	Cylinder head gasket Thickness: 1,20 mm, with front and rear oil seals, with valve seals
BP057012	1	Cylinder head gasket Thickness: 1,20 mm, with valve seals
JC057012A	1	Cylinder head gasket thickness: 1,20 mm

REF	Qty/ eng	Remarks
JC057012B	1	Cylinder head gasket thickness: 1,25 mm
JC057012C	1	Cylinder head gasket thickness: 1,30 mm
KA057012	8	
SV057012	1	
SA057012A	1	
SA057012B	1	With flange after November 1997
KD057012	1	
CB057012	18	
VP057012	1	
BB057012	8	
BM057012	8	
OP057012	1	
WP057012	1	Total height: 126,0 mm Total length: 185,0 mm With gasket
NA057012	1	
NT057012	1	
KT057012A	1	
KT057012B	1	
TT057012A	1	
TT057012B	1	
OF057012	1	
GB057012	4	
IT057012	4	

For any other engine part, please contact us !



Used for: NISSAN D11

Specifications: **Gasoline · 4 cylinders · Bore: 73,00 mm**

In: **NISSAN, KOMATSU, TCM**

REF	Qty/eng	Remarks
PI057006STD	4	STD
PI057006025	4	0,250 mm oversize
PI057006050	4	0,500 mm oversize
PI057006075	4	0,750 mm oversize
PI057006100	4	1,000 mm oversize
PI057006125	4	1,250 mm oversize
PI057006150	4	1,500 mm oversize
SE057006STD	1	STD
SE057006025	1	0,250 mm oversize
SE057006050	1	0,500 mm oversize
SE057006075	1	0,750 mm oversize
SE057006100	1	1,000 mm oversize
SE057006125	1	1,250 mm oversize
SE057006150	1	1,500 mm oversize
IK057006STD	4	STD
IK057006020	4	0,200 mm oversize
IK057006040	4	0,400 mm oversize
UK057006STD	4	STD
UK057006020	4	0,200 mm oversize
UK057006040	4	0,400 mm oversize
KS057006	8	
HL057006STD	1	STD shaft dia: 52,310 mm
HL057006025	1	0,250 mm undersize
HL057006050	1	0,500 mm undersize
HL057006075	1	0,750 mm undersize
HL057006100	1	1,000 mm undersize
AL057006A	1	Kit thickness: 2,377 mm
AL057006B	1	Kit thickness: 2,388 mm
AL057006C	1	Kit thickness: 2,438 mm
1BL057006STD	8	STD shaft dia: 43,970 mm
1BL057006025	8	0,250 mm undersize
1BL057006050	8	0,500 mm undersize
1BL057006075	8	0,750 mm undersize
1BL057006100	8	1,000 mm undersize
1NL057006STDA	1	STD, front
1NL057006025A	1	0,250 mm undersize, front
1NL057006050A	1	0,500 mm undersize, front
1NL057006STDB	1	STD, centre
1NL057006025B	1	0,250 mm undersize Centre

REF	Qty/eng	Remarks
1NL057006050B	1	0,500 mm undersize Centre
1NL057006STDC	1	STD, rear
1NL057006025C	1	0,250 mm undersize, rear
1NL057006050C	1	0,500 mm undersize, rear
KP057006	1	With front and rear oil seals, with valve seals A
BP057006A	1	
JC057006	1	
KA057006A	8	O-ring
KA057006B	8	
SV057006	1	
SA057006	1	
KD057006	1	
CB057006A	10	Total length: 113,5 mm
CB057006B	2	Total length: 117,0 mm
VP057006	1	
BB057006	8	
BM057006	8	
OP057006	1	
WP057006A	1	Total height: 110,0 mm Total length: 240,0 mm
		With gasket

For any other engine part, please contact us !









Used for: NISSAN D11

Specifications: **Gasoline** · **4 cylinders** · Bore: **73,00 mm**

In: **NISSAN, KOMATSU, TCM**

Used for: NISSAN

REF	Qty/ eng	Remarks
WP057006B	1	Total height: 110,0 mm Total length: 200,0 mm   With gasket
WP057006C	1	Total height: 159,0 mm Total length: 242,0 mm   With gasket Pulley diameter: 74,0 mm, no flange, pulley mounted on axle
		
NA057006	1	
NT057006	1	
KT057006	1	
		
OF057006A	1	Height: 100,0 mm
OF057006B	1	Height: 116,0 mm
OF057006C	1	Height: 146,0 mm
B0057006A	4	BCGE NGK
B0057006B	4	B4ES NGK



Used for: NISSAN FD6

Specifications: Diesel · 6 cylinders · Bore: 100,00 mm

In: NISSAN

REF	Qty/eng	Remarks
PI057021STD	6	STD, with piston pin and circlips
1SE057021STD	6	STD
CH057021	6	Finished
IK057021	6	
UK057021	6	
KS057021A	12	From 01/07/1983 up to 30/04/1988
KS057021B	12	From 01/05/1988 up to 31/12/1997
KG057021	12	
HL057021STD	1	STD
HL057021025	1	0,250 mm undersize
HL057021050	1	0,500 mm undersize
HL057021075	1	0,750 mm undersize
HL057021100	1	1,000 mm undersize
AL057021A	1	Thickness: 2,995 mm
AL057021B	1	Thickness: 2,965 mm
AL057021C	1	Thickness: 2,935 mm
1BL057021STD	1	STD
1BL057021025	1	0,250 mm undersize
1BL057021050	1	0,500 mm undersize
1BL057021075	1	0,750 mm undersize
1BL057021100	1	1,000 mm undersize
PB057021	6	
NL057021	1	
KP057021	1	JC included in KP
JC057021	1	
KA057021	12	
SV057021	1	
SA057021	1	
KD057021	1	
CB057021SET	1	Engine set

REF	Qty/eng	Remarks
CB057021A	18	
CB057021B	7	
VP057021	1	
BB057021	12	
BM057021	12	
CG057021	1	
OP057021	1	
WP057021	1	Total height: 165,0 mm Total length: 240,0 mm
NA057021	1	
NT057021	1	
KT057021	1	
TT057021	1	
OF057021	1	
IT057021	6	

For any other engine part, please contact us !



Used for: NISSAN H15

Specifications: **Gasoline · 4 cylinders · Bore: 75,50 mm**

In: **NISSAN, KOMATSU, TCM, HELI, FEELER**

REF	Qty/eng	Remarks
PI057013STD	4	STD
PI057013050	4	0,500 mm oversize
PI057013100	4	1,000 mm oversize
PI057013150	4	1,500 mm oversize
SE057013STD	1	STD
SE057013050	1	0,500 mm oversize
SE057013100	1	1,000 mm oversize
SE057013150	1	1,500 mm oversize
IK057013	4	
UK057013	4	
KS057013	8	
KG057013	8	
HL057013STD	1	STD shaft dia: 62,955 mm
HL057013025	1	0,250 mm undersize
HL057013050	1	0,500 mm undersize
HL057013075	1	0,750 mm undersize
HL057013100	1	1,000 mm undersize
1BL057013STD	8	STD shaft dia: 44,974 mm
1BL057013012	8	0,120 mm undersize
1BL057013025	8	0,250 mm undersize
1BL057013050	8	0,500 mm undersize
NL057013STD	1	STD
NL057013025	1	0,250 mm undersize
NL057013050	1	0,500 mm undersize
NL057013075	1	0,750 mm undersize
KP057013	1	With cylinder head gasket
BP057013	1	With cylinder head gasket
JC057013	1	
KA057013	8	
SV057013	1	
SA057013	1	
KD057013	1	

REF	Qty/eng	Remarks
CB057013	10	
VP057013	1	
BB057013	8	
BM057013	8	
OP057013	1	
WP057013	1	Total height: 95,0 mm Total length: 140,0 mm With gasket
NA057013	1	
NT057013	1	
KT057013A	1	Dia: 80,5 mm
KT057013B	1	Dia: 64,0 mm
HT057013	1	
DK057013	1	
SK057013	1	
HK057013	1	
OF057013	1	
B0057013	4	

For any other engine part, please contact us !



Used for: NISSAN H20

Specifications: **Gasoline** · 4 cylinders · Bore: **87,20 mm**

In: **NISSAN, TCM, KOMATSU, YANG/YAM/PUMA, EUROYEN, EP FORKLIFT, FEELER, PATRIA, BAOLI, HELI**

REF	Qty/eng	Remarks	
PI057005STDA	4	STD; h: 84,0 mm Piston pin dia: 22,0 mm	
PI057005050A	4	0,500 mm oversize h: 84,0 mm; piston pin dia: 22,0 mm	
PI057005075A	4	0,750 mm oversize h: 84,0 mm; piston pin dia: 22,0 mm	
PI057005100A	4	1,000 mm oversize h: 84,0 mm; piston pin dia: 22,0 mm	
PI057005150A	4	1,500 mm oversize h: 84,0 mm; piston pin dia: 22,0 mm	
PI057005STDB	4	STD; h: 84,0 mm Piston pin dia: 22,0 mm	
PI057005050B	4	0,500 mm oversize h: 84,0 mm; piston pin dia: 22,0 mm	
PI057005075B	4	0,750 mm oversize h: 84,0 mm; piston pin dia: 22,0	
PI057005100B	4	1,000 mm oversize h: 84,0 mm; piston pin dia: 22,0 mm	
PI057005150B	4	1,500 mm oversize h: 84,0 mm; piston pin dia: 22,0 mm	
PI057005STDC	4	STD; h: 71,0 mm Piston pin dia: 20,0 mm	
PI057005050C	4	0,500 mm oversize h: 71,0 mm; piston pin dia: 20,0 mm	
PI057005075C	4	0,750 mm oversize h: 71,0 mm; piston pin dia: 20,0 mm	
PI057005100C	4	1,000 mm oversize h: 71,0 mm; piston pin dia: 20,0 mm	
PI057005150C	4	1,500 mm oversize h: 71,0 mm; piston pin dia: 20,0 mm	
SE057005STD	1	STD	
SE057005025	1	0,250 mm oversize	
SE057005050	1	0,500 mm oversize	
SE057005075	1	0,750 mm oversize	
SE057005100	1	1,000 mm oversize	
SE057005150	1	1,500 mm oversize	
CH057005	4	Semi-finished	
IK057005STDA	4	STD; stem dia: 8,6 mm Valve dia: 42,0 mm	
IK057005020A	4	0,200 mm undersize Stem dia: 8,6 mm Valve dia: 42,0 mm	

REF	Qty/eng	Remarks	
IK057005040A	4	0,400 mm undersize Stem dia: 8,6 mm Valve dia: 42,0 mm	
IK057005B	4	Stem dia: 7,0 mm Valve dia: 35,0 mm	
UK057005STDA	4	STD; stem dia: 8,6 mm Valve dia: 32,0 mm	
UK057005020A	4	0,200 mm undersize Stem dia: 8,6 mm Valve dia: 32,0 mm	
UK057005040A	4	0,400 mm undersize Stem dia: 8,6 mm Valve dia: 32,0 mm	
UK057005B	4	Stem dia: 7,0 mm Valve dia: 30,0 mm	
KS057005A	8	Dia: 24,0 mm	
KS057005B	8	Dia: 22,0 mm	
KG057005B	8		
HL057005STDA	1	STD	
HL057005025A	1	0,250 mm undersize	
HL057005050A	1	0,500 mm undersize	
HL057005075A	1	0,750 mm undersize	
HL057005100A	1	1,000 mm undersize	
HL057005STDB	1	STD	
HL057005025B	1	0,250 mm undersize	
HL057005050B	1	0,500 mm undersize	
HL057005075B	1	0,750 mm undersize	
HL057005100B	1	1,000 mm undersize	
1BL057005STDA	8	STD shaft dia: 51,970 mm	
1BL057005025A	8	0,250 mm undersize	
1BL057005050A	8	0,500 mm undersize	
1BL057005075A	8	0,750 mm undersize	
1BL057005100A	8	1,000 mm undersize	
1BL057005STDB	8	STD shaft dia: 44,974 mm	
1BL057005012B	8	0,120 mm undersize	
1BL057005025B	8	0,250 mm undersize	
1BL057005050B	8	0,500 mm undersize	
PB057005	4		
NL057005STD	1	STD	
NL057005025	1	0,250 mm undersize	
NL057005050	1	0,500 mm undersize	
NL057005075	1	0,750 mm undersize	
KP057005A	1	With front oil seal: 68,0 x 45,0 x 12,0 mm, with JCA	
KP057005B	1	With front oil seal: 95,0 x 70,0 x 13,0 mm, with JCA	












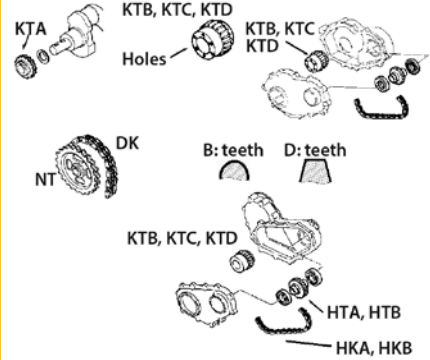


For any other engine part, please contact us !



Used for: NISSAN H20

Specifications: **Gasoline** · **4 cylinders** · Bore: **87,20 mm**

In: **NISSAN, TCM, KOMATSU, YANG/YAM/PUMA, EUROYEN, EP FORKLIFT, FEELER, PATRIA, BAOLI, HELI**

REF	Qty/eng	Remarks	REF	Qty/eng	Remarks	
KP057005C	1	With JC057005C	OP057005B	1		
BP057005A	1	With JC057005A		WP057005A	1	Total height: 128,0 mm Total length: 198,0 mm 
BP057005C	1	With JC057005C			1	With gasket dia: 72,9 mm 
JC057005A	1	Length: 438,0 mm 		WP057005B	1	Total height: 128,0 mm Total length: 199,0 mm 
JC057005B	1	Length: 442,0 mm 	1		With gasket dia: 79,9 mm 	
JC057005C	1	Length: 445,0 mm 	WP057005C	1	Total height: 93,0 mm Total length: 140,0 mm 	
KA057005B	8	Total height: 19,6 mm				1
KA057005A	8	Total height: 11,8 mm				
SV057005A	1	68,0 x 45,0 x 12,0 mm				
SV057005B	1	95,0 x 70,0 x 13,0 mm				
SV057005C	1	82,0 x 60,0 x 12,0 mm				
1SA057005A	2	Length: 57,0 mm				
1SA057005B	2	Length: 125,0 mm				
SA057005C	1	100,0 x 80,0 x 10,0 mm				
KD057005	1					
						
CB057005A	8 or 9	Length: 103,0 mm		NA057005	1	
CB057005B	1 or 2	Length: 109,0 mm	NT057005A	1	Dia: 125,1 mm Total height: 23,5 mm	
CB057005C	1	Length: 110,0 mm	NT057005B	1	Dia: 124,5 mm Total height: 20,6 mm	
VP057005	1					
BB057005A	8	3/8 UNF				
BB057005B	8	M8 x 1,0 mm				
BM057005A	8	3/8 UNF				
BM057005B	8	M8 x 1,0 mm				
						
OP057005A	1					
KT057005A	1			KT057005A	1	
KT057005B	1	Holes thread: M6	KT057005B	1	Holes thread: M6	
KT057005C	1	Holes thread: M8	KT057005C	1	Holes thread: M6	
KT057005D	1	Holes thread: M6	KT057005E	1	Single chain	

For any other engine part, please contact us !







Used for: NISSAN

Used for: NISSAN H20

Specifications: **Gasoline** · **4 cylinders** · Bore: **87,20 mm**

In: **NISSAN, TCM, KOMATSU, YANG/YAM/PUMA, EUROYEN, EP FORKLIFT, FEELER, PATRIA, BAOLI, HELI**

REF	Qty/ eng	Remarks	
HT057005A	1	27 teeth	
HT057005B	1	23 teeth, h1 = 80,0 mm	
HT057005C	1	23 teeth, h1 = 67,5 mm	
DK057005A	1	Double chain	
DK057005B	1	Single chain	
SK057005A	1	For double chain	
SK057005B	1	For single chain	
HK057005A	1	72 links	
HK057005B	1	70 links	
			
OF057005A	1	Height: 106,0 mm	
OF057005B	1	Height: 100,0 mm	
OF057005C	1	Height: 72,0 mm	
B0057005A	4	W16 ESU	
B0057005B	4	W14 EXU	

For any other engine part, please contact us !



Used for: NISSAN H25

Specifications: **Gasoline** · 4 cylinders · Bore: **92,00 mm**

In: **NISSAN, KOMATSU, TCM, EUROYEN, EP FORKLIFT, FEELER, HALLA, PATRIA, HELI**

REF	Qty/ eng	Remarks
PI057010STD	4	STD
PI057010050	4	0,500 mm oversize
PI057010100	4	1,000 mm oversize
PI057010150	4	1,500 mm oversize
SE057010STD	1	STD
SE057010050	1	0,500 mm oversize
SE057010100	1	1,000 mm oversize
SE057010150	1	1,500 mm oversize
IK057010	4	
UK057010	4	
KS057010	8	
KG057010	8	
HL057010STD	1	STD
HL057010025	1	0,250 mm undersize
HL057010050	1	0,500 mm undersize
HL057010075	1	0,750 mm undersize
HL057010100	1	1,000 mm undersize
1BL057010STD	8	STD
1BL057010006	8	0,060 mm undersize
1BL057010012	8	0,120 mm undersize
1BL057010025	8	0,250 mm undersize
1BL057010050	8	0,500 mm undersize
NL057010STD	1	STD
NL057010025	1	0,250 mm undersize
NL057010050	1	0,500 mm undersize
NL057010075	1	0,750 mm undersize
KP057010	1	With cylinder head gasket, with front and rear oil seals, with valve seals
BP057010	1	With cylinder head gasket, with valve seals
JC057010	1	
KA057010	8	
SV057010	1	

REF	Qty/ eng	Remarks
SA057010	1	
KD057010	1	
CB057010	10	
VP057010	1	
BB057010	8	
BM057010	8	
OP057010	1	
WP057010	1	Total height: 95,0 mm Total length: 140,0 mm With gasket
NA057010	1	
NT057010	1	
KT057010A	1	Dia: 64,0 mm Total height: 29,8 mm
KT057010B	1	Dia: 80,5 mm Total height: 51,7 mm
HT057010	1	
DK057010	1	
SK057010	1	
HK057010	1	
OF057010	1	
B0057010	4	



Used for: NISSAN H30

Specifications: **Gasoline** · **6 cylinders** · Bore: **87,20 mm**

In: **NISSAN, KOMATSU, TCM**

REF	Qty/ eng	Remarks
PI057016STD	6	STD
PI057016050	6	0,500 mm oversize
PI057016100	6	1,000 mm oversize
PI057016150	6	1,500 mm oversize
SE057016STD	1	STD
SE057016050	1	0,500 mm oversize
SE057016100	1	1,000 mm oversize
SE057016150	1	1,500 mm oversize
CH057016	6	
IK057016STD	6	STD
IK057016020	6	0,200 mm oversize
UK057016STD	6	STD
UK057016020	6	0,200 mm oversize
KS057016	12	
HL057016STD	1	STD
HL057016025	1	0,250 mm undersize
HL057016050	1	0,500 mm undersize
HL057016075	1	0,750 mm undersize
HL057016100	1	1,000 mm undersize
1BL057016STD	12	STD
1BL057016025	12	0,250 mm undersize
1BL057016050	12	0,500 mm undersize
1BL057016075	12	0,750 mm undersize
1BL057016100	12	1,000 mm undersize
PB057016	6	
NL057016STD	1	STD, engine set
1NL057016025A	1	0,250 mm undersize, front
1NL057016050A	1	0,500 mm undersize, front
1NL057016075A	1	0,750 mm undersize, front
1NL057016025B	1	0,250 mm undersize, middle
1NL057016050B	1	0,500 mm undersize, middle
1NL057016075B	1	0,750 mm undersize, middle
1NL057016025C	1	0,250 mm undersize, rear
1NL057016050C	1	0,500 mm undersize, rear
1NL057016075C	1	0,750 mm undersize, rear
KP057016A	1	Front oil seal: 82,0 x 60,0 x 12,0 mm

REF	Qty/ eng	Remarks
KP057016B	1	Front oil seal: 95,0 x 70,0 x 13,0 mm
JC057016	1	
KA057016	12	
SV057016A	1	82,0 x 60,0 x 12,0 mm
SV057016B	1	95,0 x 70,0 x 13,0 mm
1SA057016	2	
KD057016	1	
CB057016A	11	Total length: 112,0 mm
CB057016B	3	Total length: 119,0 mm
VP057016	1	
BB057016	12	
BM057016	12	
OP057016	1	
WP057016A	1	Total height: 128,0 mm Total length: 198,0 mm With gasket h: 115,0 mm
WP057016B	1	Total height: 128,0 mm Total length: 199,0 mm With gasket h: 120,0 mm
NA057016	1	
NT057016	1	

For any other engine part, please contact us !



Used for: NISSAN H30

Specifications: **Gasoline** · **6 cylinders** · Bore: **87,20 mm**

In: **NISSAN, KOMATSU, TCM**

Used for: NISSAN

REF	Qty/ eng	Remarks	
KT057016	1		
HT057016	1		
DK057016	1		
SK057016	1		
HK057016	1		
OF057016A	1	Height: 102,0 mm	
OF057016B	1	Height: 128,0 mm	
B0057016A	6	W14 EXU	
B0057016B	6	W16 ESU	



Used for: NISSAN J15

Specifications: **Gasoline · 4 cylinders · Bore: 78,00 mm**

In: **NISSAN, TCM, KOMATSU**

REF	Qty/eng	Remarks
PI057004STD	4	STD
PI057004050	4	0,500 mm oversize
PI057004150	4	1,500 mm oversize
PI057004100	4	1,000 mm oversize
SE057004STD	1	STD
SE057004050	1	0,500 mm oversize
SE057004100	1	1,000 mm oversize
SE057004150	1	1,500 mm oversize
CH057004	4	Semi-finished
IK057004A	4	
UK057004A	4	
IK057004B	4	
UK057004B	4	
KS057004	8	
IG057004	4	
UG057004	4	
1HL057004STD	6	STD shaft dia: 50,825 mm
1HL057004025	6	0,250 mm undersize
1HL057004050	6	0,500 mm undersize
1HL057004075	6	0,750 mm undersize
1HL057004100	6	1,000 mm undersize
AL057004A	1	Kit thickness: 2,286 mm
AL057004B	1	Kit thickness: 2,337 mm
AL057004C	1	Kit thickness: 2,388 mm
AL057004D	1	Kit thickness: 2,438 mm
1BL057004STD	8	STD shaft dia: 47,650 mm
1BL057004012	8	0,120 mm undersize
1BL057004025	8	0,250 mm undersize
1BL057004050	8	0,500 mm undersize
1BL057004075	8	0,750 mm undersize
1BL057004100	8	1,000 mm undersize
NL057004STD	1	STD
NL057004025	1	0,250 mm undersize
NL057004050	1	0,500 mm undersize
NL057004075	1	0,750 mm undersize

REF	Qty/eng	Remarks
KP057004	1	
BP057004	1	
JC057004	1	
KA057004	8	
SV057004A	1	95,0 x 70,0 x 13,0 mm
SV057004B	1	95,0 x 67,0 x 13,0 mm
SV057004C	1	68,0 x 45,0 x 12,0 mm
SV057004D	1	65,0 x 50,0 x 9,0 mm
SV057004E	1	62,0 x 39,7 x 11,0 mm
SA057004	1	
1SA057004	2	
KD057004	1	
VP057004	1	
BB057004	8	
BM057004	8	
CG057004A	4	Long 3/8 UNC x 3/8 UNF x 6 1/2"
CG057004B	4	Short 3/8 UNC x 3/8 UNF x 4 7/16"
CG057004C	3	Middle 3/8 UNC x 3/8 UNF x 4" 3/4
CM057004		
OP057004	1	
WP057004A	1	Total height: 143,5 mm Total length: 187,0 mm With gasket h: 54,0 mm

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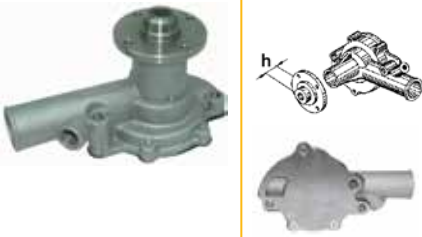

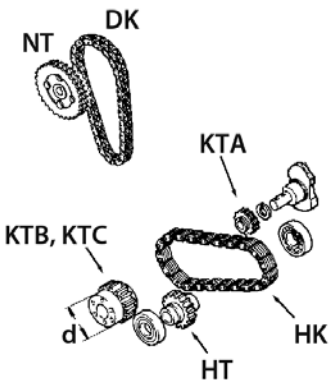

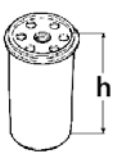


Used for: NISSAN J15

Specifications: **Gasoline** · **4 cylinders** · Bore: **78,00 mm**

In: **NISSAN, TCM, KOMATSU**

Used for: NISSAN

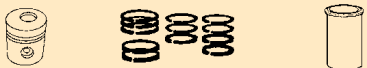
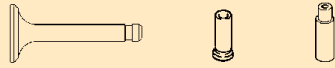
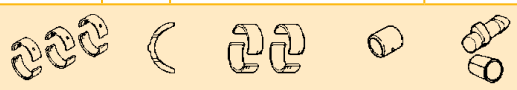
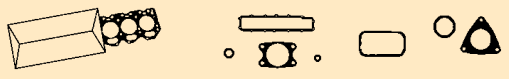


REF	Qty/ eng	Remarks	
WP057004B	1	Total height: 107,0 mm Total length: 188,0 mm	With gasket h: 22,0 mm 
			
NA057004	1		
NT057004	1		
KT057004A	1		
KT057004C	1	Dia: 70,0 mm Number of teeth: 28	
KT057004B	1	Dia: 67,0 mm Number of teeth: 27	
HT057004A	1	Number of teeth: 24	
HT057004B	1	Number of teeth: 27	
DK057004	1		
SK057004	1		
HK057004A	1	Number of links: 38	
HK057004B	1	Number of links: 39	
			
OF057004A	1	Height: 102,0 mm	
OF057004B	1	Height: 145,0 mm	
B0057004A	4	W14 EXU	
B0057004B	4	W22 EPU	
B0057004C	4	W16 ESU	






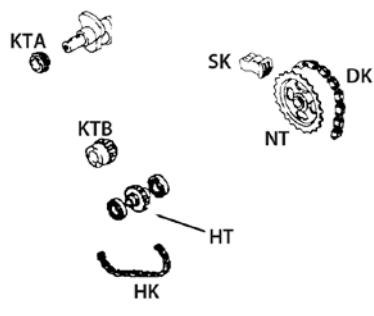



Used for: NISSAN K15

Specifications: **Gasoline** · 4 cylinders · Bore: **75,50 mm**

In: **NISSAN, MITSUBISHI, TCM, KOMATSU**

REF	Qty/eng	Remarks
		
PI057018STD	4	STD
PI057018050	4	0,500 mm oversize
PI057018100	4	1,000 mm oversize
SE057018STD	1	STD
SE057018050	1	0,500 mm oversize
SE057018100	1	1,000 mm oversize
		
IK057018	4	
UK057018	4	
KS057018	8	
		
HL057018STD	1	STD shaft dia: 62,955 mm
HL057018025	1	0,250 mm undersize
HL057018050	1	0,500 mm undersize
HL057018075	1	0,750 mm undersize
1BL057018STD	8	STD shaft dia: 44,974 mm
1BL057018008	8	0,080 mm undersize
1BL057018012	8	0,120 mm undersize
1BL057018025	8	0,250 mm undersize
NL057018STD	1	STD
NL057018025	1	0,250 mm oversize
NL057018050	1	0,500 mm oversize
NL057018075	1	0,750 mm oversize
		
KP057018	1	With cylinder head gasket JCA
BP057018	1	With cylinder head gasket JCA
JC057018A	1	Dual fuel engines, thickness: 1,7 mm 
JC057018B	1	LPG only, thickness: 1,0 - 1,25 mm 
KA057018	8	
SV057018	1	
SA057018	1	
KD057018	1	

REF	Qty/eng	Remarks
		
CB057018	10	
VP057018	1	
BB057018	8	
BM057018	8	
		
OP057018	1	
WP057018	1	Total height: 96,0 mm Total length: 141,5 mm With gasket 
		
NA057018	1	
NT057018	1	
KT057018A	1	For timing chain
KT057018B	1	For hydraulic pump chain
HT057018A	1	10 splines, number of teeth: 27
HT057018B	1	11 splines, number of teeth: 23
DK057018	1	
SK057018	1	
HK057018A	1	Number of links: 36
HK057018B	1	Number of links: 35
		
OF057018	1	
B0057018A	4	FR2A-D
B0057018B	4	FR2B-D

For any other engine part, please contact us !



Used for: NISSAN K21

Specifications: **Gasoline · 4 cylinders · Bore: 89,00 mm · In: NISSAN, MITSUBISHI, TCM, KOMATSU, TAILIFT, KELVIN, HANGCHA, MAST, FEELER, HALLA, LIUGONG, UN FORKLIFT, GOODSENSE, BAOLI, HELI**

Used for: NISSAN

REF	Qty/eng	Remarks
PI057019STDA	4	STD Grooves: 1,5 - 1,5 - 2,8 mm
PI057019050A	4	0,500 mm oversize 1,5 - 1,5 - 2,8 mm
PI057019100A	4	1,000 mm oversize 1,5 - 1,5 - 2,8 mm
PI057019STDB	4	STD Grooves: 1,2 - 1,2 - 2,5 mm
PI057019050B	4	0,500 mm oversize 1,2 - 1,2 - 2,5 mm
PI057019100B	4	1,000 mm oversize 1,2 - 1,2 - 2,5 mm
SE057019STDA	1	STD Rings: 1,5 - 1,5 - 2,8 mm
SE057019050A	1	0,500 mm oversize 1,5 - 1,5 - 2,8 mm
SE057019100A	1	1,000 mm oversize 1,5 - 1,5 - 2,8 mm
SE057019STDB	1	STD Rings: 1,2 - 1,2 - 2,5 mm
SE057019050B	1	0,500 mm oversize 1,2 - 1,2 - 2,5 mm
SE057019100B	1	1,000 mm oversize 1,2 - 1,2 - 2,5 mm
IK057019	4	
UK057019	4	
KS057019	8	
HL057019STD	1	STD shaft dia: 62,955 mm
HL057019025	1	0,250 mm undersize
HL057019050	1	0,500 mm undersize
HL057019075	1	0,750 mm undersize
1BL057019STD	8	STD shaft dia: 44,974 mm
1BL057019008	8	0,080 mm undersize
1BL057019012	8	0,120 mm undersize
1BL057019025	8	0,250 mm undersize
NL057019STD	1	
NL057019025	1	
NL057019050	1	
NL057019075	1	
KP057019	1	With cylinder head gasket JCA
BP057019	1	With cylinder head gasket JCA

REF	Qty/eng	Remarks
JC057019A	1	Dual fuel engines Thickness 1,7 mm
JC057019B	1	LPG only Thickness 1,0 - 1,25 mm
KA057019	8	
SV057019	1	
SA057019	1	
KD057019	1	
CB057019	10	
VP057019	1	
BB057019	8	
BM057019	8	
OP057019	1	
WP057019	1	Total height: 96,0 mm Total length: 141,5 mm With gasket
NA057019	1	

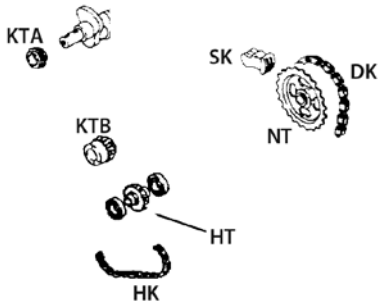
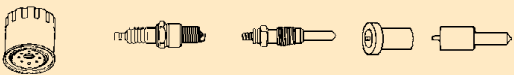
For any other engine part, please contact us !



Used for: NISSAN

Used for: NISSAN K21

Specifications: **Gasoline** · **4 cylinders** · Bore: **89,00 mm** · In: **NISSAN, MITSUBISHI, TCM, KOMATSU, TAILIFT, KELVIN, HANGCHA, MAST, FEELER, HALLA, LIUGONG, UN FORKLIFT, GOODSENSE, BAOLI, HELI**

REF	Qty/ eng	Remarks
		
NT057019	1	
KT057019A	1	For timing chain
KT057019B	1	For hydraulic pump chain
HT057019A	1	10 splines, number of teeth: 27
HT057019B	1	11 splines, number of teeth: 23
DK057019	1	
SK057019	1	
HK057019A	1	Number of links: 36
HK057019B	1	Number of links: 35
		
OF057019	1	
B0057019A	4	FR2A-D
B0057019B	4	FR2B-D

For any other engine part, please contact us !



Used for: NISSAN K25

Specifications: **Gasoline · 4 cylinders · Bore: 89,00 mm · In: NISSAN, MITSUBISHI, TCM, KOMATSU, LINDE, PIMESPO, KELVIN, HANGCHA, FEELER, LIUGONG, UN FORKLIFT, LONKING FORKLIFT, GOODSENSE, BAOLI, HELI**

Used for: NISSAN

REF	Qty/eng	Remarks
PI057020STDA	4	STD Grooves: 1,5 - 1,5 - 2,8 mm
PI057020050A	4	0,500 mm oversize Grooves: 1,5 - 1,5 - 2,8 mm
PI057020100A	4	1,000 mm oversize Grooves: 1,5 - 1,5 - 2,8 mm
PI057020STDB	4	STD Grooves: 1,2 - 1,2 - 2,5 mm
PI057020050B	4	0,500 mm oversize Grooves: 1,2 - 1,2 - 2,5 mm
PI057020100B	4	1,000 mm oversize Grooves: 1,2 - 1,2 - 2,5 mm
SE057020STDA	1	STD Rings: 1,5 - 1,5 - 2,8 mm
SE057020050A	1	0,500 mm oversize Rings: 1,5 - 1,5 - 2,8 mm
SE057020100A	1	1,000 mm oversize Rings: 1,5 - 1,5 - 2,8 mm
SE057020STDB	1	STD Rings: 1,2 - 1,2 - 2,5 mm
SE057020050B	1	0,500 mm oversize Rings: 1,2 - 1,2 - 2,5 mm
SE057020100B	1	1,000 mm onversize Rings: 1,2 - 1,2 - 2,5 mm
IK057020	4	
UK057020	4	
KS057020	8	
HL057020STD	1	STD shaft dia: 62,955 mm
HL057020025	1	0,250 mm undersize
HL057020050	1	0,500 mm undersize
HL057020075	1	0,750 mm undersize
1BL057020STD	8	STD shaft dia: 44,974 mm
1BL057020008	8	0,080 mm undersize
1BL057020012	8	0,120 mm undersize
1BL057020025	8	0,250 mm undersize
NL057020STD	1	
NL057020025	1	
NL057020050	1	
NL057020075	1	
KP057020	1	With cylinder head gasket JCA
BP057020	1	With cylinder head gasket JCA

REF	Qty/eng	Remarks
JC057020A	1	Dual fuel engines Thickness 1,7 mm
JC057020B	1	LPG only Thickness 1,0 - 1,25 mm
KA057020	8	
SV057020	1	
SA057020	1	
KD057020	1	
CB057020	10	
VP057020	1	
BB057020	8	
BM057020	8	
OP057020	1	
WP057020	1	Total height: 96,0 mm Total length: 141,5 mm With gasket
NA057020	1	

For any other engine part, please contact us !



Used for: NISSAN

Used for: NISSAN K25

Specifications: **Gasoline** · **4 cylinders** · Bore: **89,00 mm** · In: **NISSAN, MITSUBISHI, TCM, KOMATSU, LINDE, PIMESPO, KELVIN, HANGCHA, FEELER, LIUGONG, UN FORKLIFT, LONKING FORKLIFT, GOODSENSE, BAOLI, HELI**

REF	Qty/ eng	Remarks
NT057020	1	
KT057020A	1	For timing chain
KT057020B	1	For hydraulic pump chain
HT057020A	1	10 splines, number of teeth: 27
HT057020B	1	11 splines, number of teeth: 23
DK057020	1	
SK057020	1	
HK057020A	1	Number of links: 36
HK057020B	1	Number of links: 35
OF057020	1	
B0057020A	4	FR2A-D
B0057020B	4	FR2B-D

For any other engine part, please contact us !



Used for: NISSAN P40

Specifications: Gasoline · 6 cylinders · Bore: 85,70 mm

In: NISSAN, KOMATSU

REF	Qty/ eng	Remarks
PI057017STD	6	STD
PI057017050	6	0,500 mm oversize
PI057017100	6	1,000 mm oversize
SE057017STD	1	STD
SE057017050	1	0,500 mm oversize
SE057017100	1	1,000 mm oversize
IK057017	6	
UK057017	6	
KS057017	12	
IG057017	6	
UG057017	6	
HL057017STD	1	STD shaft dia: 69,280 mm
HL057017012	1	0,120 mm undersize
HL057017025	1	0,250 mm undersize
HL057017050	1	0,500 mm undersize
HL057017075	1	0,750 mm undersize
HL057017100	1	1,000 mm undersize
HL057017125	1	1,250 mm undersize
HL057017150	1	1,500 mm undersize
1BL057017STD	12	STD shaft dia: 57,130 mm
1BL057017025	12	0,250 mm undersize
1BL057017050	12	0,500 mm undersize
1BL057017075	12	0,750 mm undersize
1BL057017100	12	1,000 mm undersize
NL057017STD	1	STD
NL057017025	1	0,250 mm undersize
NL057017050	1	0,500 mm undersize
KP057017	1	With front and rear oil seals, with valve seals
JC057017	1	
KA057017A	12	Steel-rubber seal

REF	Qty/ eng	Remarks
KA057017B	12	Full-rubber seal
SV057017	1	
1SA057017	2	
KD057017	1	
CB057017	16	
VP057017	1	
BB057017	12	
BM057017	12	
OP057017	1	
WP057017	1	Total height: 136,0 mm Total length: 237,0 mm With gasket
NA057017	1	
NT057017	1	
KT057017	1	
DK057017	1	
OF057017	1	
B0057017A	6	W14 EXU
B0057017B	6	W22 EPU

Used for: NISSAN



Used for: **NISSAN SD22**

Specifications: **Diesel · 4 cylinders · Bore: 83,00 mm**

In: **NISSAN, TCM, GROVE, YANG/YAM/PUMA**

REF	Qty/eng	Remarks
PI057001STDA	4	STD, for 5 rings
PI057001050A	4	0,500 mm oversize 5 rings
PI057001075A	4	0,750 mm oversize 5 rings
PI057001100A	4	1,000 mm oversize 5 rings
PI057001150A	4	1,500 mm oversize 5 rings
PI057001STDB	4	STD, for 3 rings
SE057001STDA	1	STD, 5 rings
SE057001050A	1	0,500 mm oversize 5 rings
SE057001075A	1	0,750 mm oversize 5 rings
SE057001100A	1	1,000 mm oversize 5 rings
SE057001150A	1	1,500 mm oversize 5 rings
SE057001STDB	1	STD, 3 rings
PISE057001STDB	4	STD,3 rings
PISE057001050B	4	0,500 mm oversize 3 rings
PISE057001100B	4	1,000 mm oversize 3 rings
CH057001	4	Finished
AS057001A	4	5 piston rings/piston
AS057001B	4	3 piston rings/piston
IK057001STD	4	STD
IK057001020	4	0,200 mm oversize
IK057001040	4	0,400 mm oversize
UK057001STD	4	STD
UK057001020	4	0,200 mm oversize
UK057001040	4	0,400 mm oversize
KS057001	8	
HL057001STDA	1	STD, 6 pieces shaft dia: 70,920 mm
HL057001025A	1	0,250 mm undersize 6 pieces
HL057001050A	1	0,500 mm undersize 6 pieces
HL057001075A	1	0,750 mm undersize 6 pieces
HL057001100A	1	1,000 mm undersize 6 pieces
HL057001125A	1	1,250 mm undersize 6 pieces

REF	Qty/eng	Remarks
HL057001150A	1	1,50 mm undersize 6 pieces
HL057001STDB	1	STD, 10 pieces Shaft dia: 70,920 mm
HL057001025B	1	0,250 mm undersize 10 pieces
HL057001050B	1	0,500 mm undersize 10 pieces
HL057001075B	1	0,750 mm undersize 10 pieces
HL057001100B	1	1,000 mm undersize 10 pieces
AL057001STD	1	STD shaft dia: 78,850 mm STD thickness: 2,325 mm
AL057001020	1	0.020" undersize
1BL057001STD	8	STD Shaft dia: 52,926 mm
1BL057001025	8	0,250 mm undersize
1BL057001050	8	0,500 mm undersize
1BL057001075	8	0,750 mm undersize
1BL057001100	8	1,000 mm undersize
1BL057001125	8	1,250 mm undersize
1BL057001150	8	1,500 mm undersize
PB057001A	4	Max. length: 30,0 mm
PB057001B	4	Max. length: 32,1 mm
NL057001STD	1	STD
NL057001025	1	0,250 mm undersize
NL057001050	1	0,500 mm undersize
NL057001075	1	0,750 mm undersize
<p>A: with collar B: no collar</p>		
KP057001A	1	With oil seals front and rear, with valve seals
KP057001B	1	With oil seals front and rear, with valve seals
KP057001C	1	With oil seals front and rear, with valve seals
KP057001D	1	With oil seals front and rear, with valve seals
KP057001E	1	With oil seals front and rear, with valve seals
BP057001C	1	With JCB

For any other engine part, please contact us !










Used for: **NISSAN SD22**

Specifications: **Diesel · 4 cylinders · Bore: 83,00 mm**

In: **NISSAN, TCM, GROVE, YANG/YAM/PUMA**

Used for: NISSAN

REF	Qty/ eng	Remarks
JC057001A	1	
JC057001B	1	
KA057001	8	
SV057001B	1	No collar
SV057001A	1	With collar
SA057001	1	
KD057001	1	
		
CB057001A	10	M14, length: 118,0 mm
CB057001B	8	M10, length: 95,0 mm
VP057001	1	
BB057001	8	
BM057001	8	
		
OP057001	1	
WP057001	1	
		
NA057001	1	
NT057001	1	
KT057001	1	
TT057001	1	
		
OF057001	1	
GB057001A	4	10,5 V, M10 Total length: 68,0 mm
GB057001B	4	9,5 V, M10 Total length: 71,0 mm
IT057001	4	

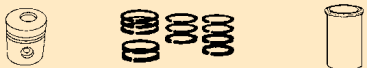

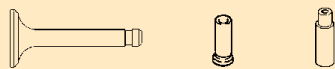
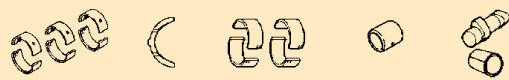
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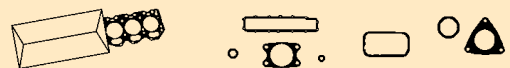










Used for: **NISSAN SD25**

Specifications: **Diesel · 4 cylinders · Bore: 89,00 mm**

In: **NISSAN, YANG/YAM/PUMA**

REF	Qty/eng	Remarks
		
PI057002STDA	4	STD, h: 90,0 mm
PI057002STDB	4	STD, h: 80,0 mm
		
SE057002STD	1	STD
CH057002A	4	Finished
CH057002B	4	Semi-finished
4AS057002A	1	With piston version A and finished liners
4AS057002B	1	With piston version B and finished liners
		
IK057002	4	
UK057002	4	
KS057002	8	
KG057002	8	
		
HL057002STD	1	STD shaft dia: 70,920 mm
HL057002025	1	0,250 mm undersize
HL057002050	1	0,500 mm undersize
HL057002075	1	0,750 mm undersize
HL057002100	1	1,000 mm undersize
AL057002STD	1	STD shaft dia: 78,850 mm STD thickness: 2,325 mm
AL057002020	1	0.020" undersize
AL057002040	1	0.040" undersize
1BL057002STD	8	STD shaft dia: 52,926 mm
1BL057002025	8	0,250 mm undersize
1BL057002050	8	0,500 mm undersize
1BL057002075	8	0,750 mm undersize
1BL057002100	8	1,000 mm undersize
1BL057002125	8	1,250 mm undersize
1BL057002150	8	1,500 mm undersize
PB057002	4	STD shaft dia: 26,000 mm
NL057002STD	1	STD
NL057002025	1	0,250 mm undersize
NL057002050	1	0,500 mm undersize
NL057002075	1	0,750 mm undersize

REF	Qty/eng	Remarks
		
KP057002A	1	With gasket for injection pump A
		
KP057002B	1	With gasket for injection pump B
		
BP057002A	1	With JCA
BP057002B	1	With JCB
JC057002A	1	
		
JC057002B	1	
		
KA057002	8	
SV057002	1	
SA057002	1	
KD057002	1	
		
CB057002A	10	M14, length: 118,0 mm
CB057002B	8	M10, length: 95,0 mm
VP057002	1	
BB057002	8	
BM057002	8	
		
OP057002A	1	
		
OP057002B	1	
		

For any other engine part, please contact us !



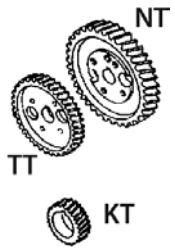

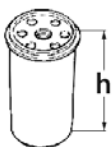


Used for: **NISSAN SD25**

Specifications: **Diesel · 4 cylinders · Bore: 89,00 mm**

In: **NISSAN, YANG/YAM/PUMA**

Used for: **NISSAN**

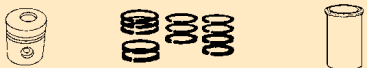

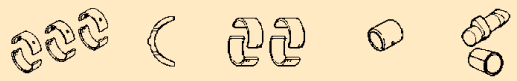
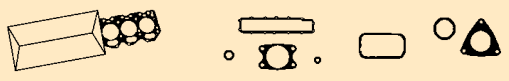

REF	Qty/ eng	Remarks	
WP057002	1	Total height: 134,0 mm Total length: 203,0 mm	With gasket 
			
NA057002	1		
NT057002	1		
KT057002	1		
TT057002	1		
			
OF057002A	1	Height: 125,0 mm	
OF057002B	1	Height: 143,0 mm	
GB057002A	4	10,5 V, M10 Total length: 68,0 mm	
GB057002B	4	23 V, M10 Total length: 69,5 mm	
GB057002C	4	9,5 V, M10 Total length: 71,0 mm	
IT057002	4		



Used for: **NISSAN SD33T**

Specifications: **Diesel · 6 cylinders · Bore: 83,00 mm**

In: **NISSAN**

REF	Qty/eng	Remarks
		
PI057003STD	6	STD
SE057003STD	1	STD
CH057003	6	Finished
AS057003	6	
		
IK057003STD	6	STD
IK057003020	6	0,200 mm oversize
IK057003040	6	0,400 mm oversize
UK057003STD	6	STD
UK057003020	6	0,200 mm oversize
UK057003040	6	0,400 mm oversize
KS057003	12	
		
HL057003STD	1	STD shaft dia: 70,920 mm
HL057003025	1	0,250 mm undersize
HL057003050	1	0,500 mm undersize
HL057003075	1	0,750 mm undersize
HL057003100	1	1,000 mm undersize
AL057003STD	1	STD shaft dia: 78,850 mm STD thickness: 2.325 mm
AL057003020	1	0.020" undersize
AL057003040	1	0.040" undersize
1BL057003STD	12	STD shaft dia: 52,926 mm
1BL057003025	12	0,250 mm undersize
1BL057003050	12	0,500 mm undersize
1BL057003075	12	0,750 mm undersize
1BL057003100	12	1,000 mm undersize
PB057003	6	STD shaft dia: 26,000 mm
NL057003STD	1	STD
		
KP057003	1	With front and rear oil seals, with valve seals
JC057003	1	
KA057003	12	
SV057003	1	
SA057003	1	
KD057003	1	

REF	Qty/eng	Remarks
		
CB057003A	14	M14, length: 118,0 mm
CB057003B	12	M10, length: 95,0 mm
VP057003	1	
BB057003	12	
BM057003	12	
		
OP057003	1	
WP057003	1	Total height: 149,5 mm Total length: 196,0 mm Without gasket 
		
NA057003	1	
NT057003	1	 NT TT KT
KT057003	1	
TT057003	1	
		
OF057003A	1	Height: 162,0 mm
OF057003B	1	Height: 177,0 mm
GB057003	6	
IT057003	6	

For any other engine part, please contact us !



Used for: **NISSAN TB42**

Specifications: **Gasoline · 6 cylinders · Bore: 96,00 mm**

In: **NISSAN, KOMATSU, TCM**

Used for: NISSAN

REF	Qty/ eng	Remarks
PI057015STD	6	STD
PI057015050	6	0,500 mm oversize
PI057015100	6	1,000 mm oversize
SE057015STD	1	STD
SE057015050	1	0,500 mm oversize
SE057015100	1	1,000 mm oversize
IK057015	6	
UK057015	6	
KS057015	12	
IG057015	6	
UG057015	6	
HL057015STD	1	STD
HL057015025	1	0,250 mm undersize
HL057015050	1	0,500 mm undersize
HL057015075	1	0,750 mm undersize
HL057015100	1	1,000 mm undersize
1BL057015STD	12	STD
1BL057015025	12	0,250 mm undersize
1BL057015050	12	0,500 mm undersize
1BL057015075	12	0,750 mm undersize
1BL057015100	12	1,000 mm undersize
PB057015	6	
NL057015STD	1	STD
NL057015025	1	0,250 mm undersize
NL057015050	1	0,500 mm undersize
KP057015A	1	With SAA, with front and rear oil seals, with valve seals
KP057015B	1	With SAB, with front and rear oil seals, with valve seals
JC057015	1	
SV057015	1	
SA057015A	1	100,0 x 86,0 x 10,0 mm

REF	Qty/ eng	Remarks
SA057015B	1	One piece housing and seal
KD057015	1	
CB057015	26	
VP057015	1	
BB057015	12	
BM057015	12	
OP057015	1	
WP057015	1	Total height: 106,0 mm Total length: 171,0 mm With gasket
NA057015	1	
NT057015	1	
KT057015	1	
DK057015	1	
OF057015	1	
B0057015A	6	W14 EPRU
B0057015B	6	W16 ESU
B0057015C	6	W14 EXU
B0057015D	6	W20 ESU
B0057015E	6	W22 EPU

For any other engine part, please contact us !



Used for: **NISSAN TD27**

Specifications: **Diesel · 4 cylinders · Bore: 96,00 mm**

In: **NISSAN, TCM, HANGCHA, EP FORKLIFT, CLIMAX NEW GENERATION**

REF	Qty/eng	Remarks
PI057011STDA	4	STD
PI057011STDB	4	Piston pin dia: 30,0 mm, oil ring: 3,0 mm
SE057011STDA	1	Thickness oil ring: 4,0 mm
SE057011STDB	1	Thickness oil ring: 3,0 mm
CH057011A	4	Finished
CH057011B	4	Semi-finished
IK057011	4	
UK057011	4	
KS057011	8	
KG057011	8	
HL057011STD	1	STD shaft dia: 70,920 mm
HL057011025	1	0,250 mm undersize
HL057011050	1	0,500 mm undersize
HL057011075	1	0,750 mm undersize
HL057011100	1	1,000 mm undersize
AL057011STD	1	STD shaft dia: 78,850 mm, STD thickness: 2,325 mm
AL057011020	1	0.020" undersize
AL057011040	1	0.040" undersize
1BL057011STD	8	STD shaft dia: 56,926 mm
1BL057011025	8	0,250 mm undersize
1BL057011050	8	0,500 mm undersize
1BL057011075	8	0,750 mm undersize
1BL057011100	8	1,000 mm undersize
PB057011	4	
NL057011STD	1	STD
NL057011025	1	0,250 mm undersize
NL057011050	1	0,500 mm undersize
NL057011075	1	0,750 mm undersize
KP057011A	1	With SAA, no head gasket, with front and rear seals, with valve seals
KP057011B	1	With SAB, no head gasket, with front and rear seals, with valve seals
BP057011	1	Without head gasket, with valve seals

REF	Qty/eng	Remarks
JC057011A	1	Thickness: 1,30 mm
JC057011B	1	Thickness: 1,35 mm
JC057011C	1	Thickness: 1,40 mm
KA057011	8	
SV057011	1	
SA057011A	1	100,0 x 86,0 x 10,0 mm
SA057011B	1	Housing with seal in one piece
KD057011	1	
CB057011	18	
VP057011	1	
BB057011	8	
BM057011	8	
OP057011	1	
WP057011	1	Total height: 126,0 mm Total length: 185,0 mm With gasket
NA057011	1	

For any other engine part, please contact us !



Used for: **NISSAN TD27**

Specifications: **Diesel · 4 cylinders · Bore: 96,00 mm**

In: **NISSAN, TCM, HANGCHA, EP FORKLIFT, CLIMAX NEW GENERATION**

Used for: **NISSAN**



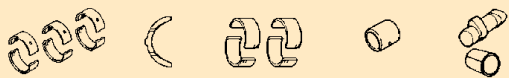
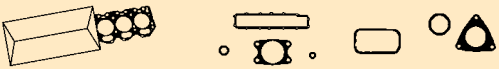

REF	Qty/ eng	Remarks
NT057011	1	
KT057011A	1	
KT057011B	1	
TT057011A	1	
TT057011B	1	
OF057011	1	
GB057011	4	
IT057011	4	










Used for: **NISSAN TD42**

Specifications: **Diesel · 6 cylinders · Bore: 96,00 mm**

In: **NISSAN, HANGCHA, EP FORKLIFT**

REF	Qty/eng	Remarks
		
PI057014STDA	6	STD; piston pin 28,0 mm
PI057014STDB	6	STD; piston pin 30,0 mm
SE057014STDA	1	2,5 - 2,0 - 4,0 mm
SE057014STDB	1	2,5 - 2,0 - 3,0 mm
CH057014	6	Finished
		
IK057014	6	
UK057014	6	
KS057014	12	
KG057014	12	
		
HL057014STD	1	STD
HL057014025	1	0,250 mm undersize
HL057014050	1	0,500 mm undersize
HL057014075	1	0,750 mm undersize
HL057014100	1	1,000 mm undersize
1AL057014STD	2	STD thickness: 2,325 mm
1AL057014020	2	0,200 mm undersize
1AL057014040	2	0,400 mm undersize
1BL057014STD	12	STD
1BL057014025	12	0,250 mm undersize
1BL057014050	12	0,500 mm undersize
1BL057014075	12	0,750 mm undersize
1BL057014100	12	1,000 mm undersize
PB057014A	6	
PB057014B	6	
NL057014STD	1	STD
NL057014025	1	0,250 mm undersize
NL057014050	1	0,500 mm undersize
NL057014075	1	0,750 mm undersize
		
KP057014	1	Cylinder head gasket not included, with front and rear oil seal, with valve seals
JC057014A	1	Thickness: 1,15 mm
		

REF	Qty/eng	Remarks
JC057014B	1	Thickness: 1,20 mm
		
JC057014C	1	Thickness: 1,25 mm
		
KA057014	12	
SV057014	1	
SA057014	1	
KD057014	1	
		
CB057014	26	
VP057014	1	
BB057014	12	
BM057014	12	
		
OP057014	1	
		
WP057014	1	Total height: 102,7 mm Total length: 190,0 mm
		
		
NA057014	1	
NT057014	1	
KT057014	1	
TT057014	1	
		
OF057014	1	
GB057014	6	
IT057014	6	

For any other engine part, please contact us !



Used for: NISSAN Z24

Specifications: Gasoline · 4 cylinders · Bore: 89,00 mm

In: NISSAN, TCM, KOMATSU

REF	Qty/ eng	Remarks	
PI057007STD	4	STD	
PI057007050	4	0,500 mm oversize	
PI057007100	4	1,000 mm oversize	
SE057007STD	1	STD	
SE057007050	1	0,500 mm oversize	
SE057007100	1	1,000 mm oversize	
CH057007	4	Semi-finished	
IK057007	4		
UK057007	4		
IG057007	4		
UG057007A	4	1 groove	
UG057007B	4	2 grooves	
HL057007STD	1	STD shaft dia: 59,955 mm	
HL057007025	1	0,250 mm undersize	
HL057007050	1	0,500 mm undersize	
HL057007075	1	0,750 mm undersize	
HL057007100	1	1,000 mm undersize	
1BL057007STD	8	STD shaft dia: 49,970 mm	
1BL057007025	8	0,250 mm undersize	
1BL057007050	8	0,500 mm undersize	
1BL057007075	8	0,750 mm undersize	
1BL057007100	8	1,000 mm undersize	
1BL057007125	8	1,250 mm undersize	
1BL057007150	8	1,500 mm undersize	
NL057007STD	1	STD	
NL057007025	1	0,250 mm undersize	
NL057007050	1	0,500 mm undersize	
NL057007075	1	0,750 mm undersize	
KP057007	1		
BP057007	1		

REF	Qty/ eng	Remarks	
JC057007	1		
KA057007	8		
SV057007	1		
SA057007	1		
KD057007	1		
CB057007	10		
VP057007	1		
BB057007	8		
BM057007	8		
OP057007	1		
WP057007	1	Total height: 128,0 mm Total length: 198,0 mm	With gasket
RW057007	1		
NA057007	1		
NT057007A	1	For double chain	
NT057007B	1	For single chain	
KT057007A	1	For double chain	





Used for: NISSAN

Used for: NISSAN Z24

Specifications: **Gasoline** · **4 cylinders** · Bore: **89,00 mm**

In: **NISSAN, TCM, KOMATSU**

REF	Qty/ eng	Remarks	
KT057007B	1		
KT057007C	1	For hydraulic pump drive	
KT057007D	1	For single chain	
HT057007A	1	L: 29,1 mm	
HT057007B	1	L: 22,8 mm	
DK057007A	1	Double chain	
DK057007B	1	Single chain	
SK057007	1		
HK057007A	1		
HK057007B	1		
			
OF057007	1		
B0057007	4		

For any other engine part, please contact us !



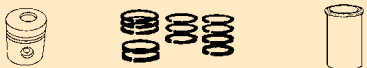
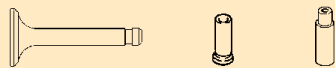
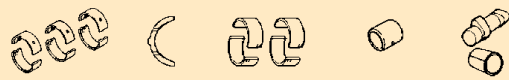
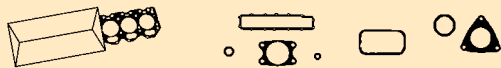


USED FOR
PERKINS



Used for: PERKINS 403C15 HL50837/HL51367

Specifications: Diesel · 3 cylinders · Bore: 84,00 mm · Displacement: 1,496 l

In: JCB 8025 ZTS, 803 PLUS

REF	Qty/eng	Remarks
		
PISE054014STD	3	STD
PISE054014050	3	Oversize: 0,500 mm
PISE054014100	3	Oversize: 1,000 mm
PP054014	3	
PC054014	6	
1SE054014STD	3	STD
1SE054014050	3	Oversize: 0,500 mm
1SE054014100	3	Oversize: 1,000 mm
		
IK054014	3	
UK054014	3	
KS054014	6	
		
HL054014STD	1	STD, STD shaft dia: 67,957-67,970 mm
HL054014025	1	Undersize: 0,250 mm
HL054014050	1	Undersize: 0,500 mm
1AL054014STD	2	STD
3BL054014STD	1	STD, STD shaft dia: 51,964-51,975 mm
3BL054014025	1	Undersize 0,25 mm
3BL054014050	1	Undersize 0,50 mm
1NL054014A	1	Front
1NL054014B	1	Rear
		
KP054014	1	Includes cylinder head gasket thickness: 1,3 mm
BP054014	1	
CP054014	1	
JC054014A	1	Thickness: 1,3 mm
		
JC054014B	1	Thickness: 1,4 mm
		
KA054014	6	

REF	Qty/eng	Remarks
SV054014	1	55,0 x 35,0 x 11,0 mm, rubber
SA054014	1	154,0 x 90,0 x 13,0 mm, metal-rubber
KD054014	1	
		
CB054014	14	
VP054014	1	
BB054014	6	
BM054014	6	
		
OP054014	1	
		
WP054014	1	Total height: 124,00 mm Total length: 170,00 mm
		
		
NA054014	1	With gear
NT054014	1	Dia: 110,00 mm Width: 13,80 mm
KT054014	1	
		
OF054014	1	
GB054014	3	
IT054014	3	

For any other engine part, please contact us !



Used for: PERKINS 1004.4

Specifications: Diesel · 4 cylinders · Bore: 3 15/16" (100,00 mm)

In: LINDE, CLARK, HYSTER, YALE, MANITOU, CESAB, HANGCHA, EP FORKLIFT, HALLA, SAMSUNG, STILL

REF	Qty/ eng	Remarks
PI054007STD	4	STD
1SE054007STD	4	STD
CH054007A	4	Finished
CH054007B	4	Semi-finished
AS054007	4	With finished liner
IK054007	4	
UK054007	4	
KS054007	8	
IG054007	4	
UG054007	4	
HL054007STD	1	STD; shaft dia: 76,162 mm
HL054007010	1	0.010" undersize
HL054007020	1	0.020" undersize
HL054007030	1	0.030" undersize
1AL054007STDA	2	STD; outer bearing: 86,868 mm
1AL054007007A	1	0.007" undersize
1AL054007STDB	2	STD; inner bearing: 86,868 mm
1AL054007007B	1	0.007" undersize
4BL054007STD	1	STD
4BL054007010	1	0.010" undersize
4BL054007020	1	0.020" undersize
4BL054007030	1	0.030" undersize
4BL054007040	1	0.040" undersize
4BL054007050	1	0.050" undersize
4BL054007060	1	0.060" undersize
PB054007	4	
BP054007	1	With valve seals
CP054007A	1	For Clark and Linde
CP054007B	1	For Hyster
CP054007C	1	For JCB and Linde
JC054007	1	
KA054007	8	

REF	Qty/ eng	Remarks	
SV054007	1		
SA054007	1		
KD054007A	1	Cork	
KD054007B	1	Rubber	
CB054007A	2	Length: 5"	
CB054007B	8	Length: 3" 5/8	
CB054007C	12	Length: 4" 1/4	
VP054007	1		
BB054007	8		
BM054007	8		
OP054007A	1	For engine without balancer	
OP054007B	1	For engine with balancer	
WP054007A	1	Total height: 120,0 mm Total length: 275,0 mm	Without gasket
WP054007B	1	Total height: 156,0 mm Total length: 212,0 mm	With gasket
RW054007A	1		
RW054007B	1		

Used for: PERKINS



For any other engine part, please contact us !



Used for: PERKINS 1004.4

Specifications: **Diesel · 4 cylinders · Bore: 3 15/16" (100,00 mm)**

In: **LINDE, CLARK, HYSTER, YALE, MANITOU, CESAB, HANGCHA, EP FORKLIFT, HALLA, SAMSUNG, STILL**

REF	Qty/ eng	Remarks
NA054007	1	
NT054007	1	
KT054007	1	
TT054007	1	
OF054007	1	
GB054007A	1	
		
GB054007B	1	
		
IT054007A	4	For Clark and Hyster, number on injector 6801058
IT054007B	4	For Linde, number on injector 6801084



Used for: PERKINS 1006.6

Specifications: Diesel · 6 cylinders · Bore: 100,00 mm

In: HYSTER (YA7 0217 spec), LINDE, KOMATSU, FANTUZZI

REF	Qty/eng	Remarks
PI054011STD	6	STD
1SE054011STD	6	STD
CH054011A	6	Finished
CH054011B	6	Semi-finished
AS054011	6	With finished liner
IK054011	6	
UK054011	6	
KS054011	12	
IG054011	6	
UG054011	6	
HL054011STD	1	STD; shaft dia: 76,159 - 76,190 mm
HL054011010	1	0.010" undersize
HL054011020	1	0.020" undersize
HL054011030	1	0.030" undersize
1AL054011STDA	2	STD; outer
1AL054011007A	2	0.007" undersize
1AL054011STDB	2	STD; inner
1AL054011007B	2	0.007" undersize
6BL054011STD	1	STD; shaft dia: 63,470 - 63,490 mm
6BL054011010	1	0.010" undersize
6BL054011020	1	0.020" undersize
6BL054011030	1	0.030" undersize
PB054011	6	
BP054011	1	With valve seals
CP054011	1	
JC054011	1	
KA054011	12	
SV054011	1	
SA054011	1	
KD054011A	1	For aluminium cover
KD054011B	1	For plastic cover

REF	Qty/eng	Remarks
CB054011A	2	Length: 5" 1/8
CB054011B	12	Length: 3" 5/8
CB054011C	18	Length: 4" 1/4
VP054011	1	
BB054011	12	
BM054011	12	
OP054011	1	
WP054011	1	Total height: 120,0 mm Total length: 275,0 mm Without gasket
NA054011	1	
OF054011	1	
GB054011	1	
IT054011	6	Number on injector 6801058

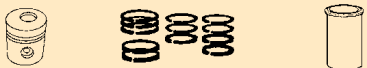
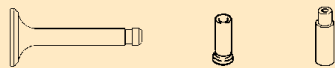

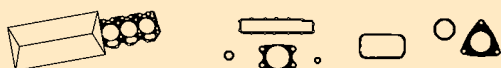

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Used for: PERKINS 103.10 KD50316

Specifications: Diesel · 3 cylinders · Bore: 75,00 mm · Displacement: 0,954 l

In: JCB 801.6

REF	Qty/eng	Remarks
		
PISE054020STD	3	STD
PISE054020050	3	Oversize 0,500 mm
PISE054020100	3	Oversize 1,000 mm
PP054020	3	
PC054020	6	
SE054020STD	1	STD
SE054020050	1	Oversize: 0,500 mm
SE054020100	1	Oversize: 1,000 mm
AS054020STD	1	STD
AS054020050	1	Oversize: 0,500 mm
AS054020100	1	Oversize: 1,000 mm
		
IK054020	3	
UK054020	3	
KS054020	6	
IG054020	1	
UG054020	3	
		
HL054020STD	1	STD, STD shaft dia: 45,964-45,975 mm
HL054020025	1	Undersize: 0,250 mm
HL054020050	1	Undersize: 0,500 mm
1AL054020	2	
3BL054020STD	1	STD, STD shaft dia: 38,954-38,975 mm
3BL054020025	1	Undersize: 0,250 mm
3BL054020050	1	Undersize: 0,500 mm
PB054020	1	
1NL054020	3	
		
KP054020	1	
BP054020	1	
JC054020	1	
KA054020A	3	Intake valve
KA054020B	3	Exhaust valve
SV054020	1	42,0 x 25,0 x 8,0 mm, rubber
SA054020	1	124,0 x 67,0 x 12,0 mm, metal-rubber

REF	Qty/eng	Remarks
KD054020	1	Thickness: 2,63 mm
		
CB054020A	11	Length end to head: 85,5 mm
CB054020B	3	Length end to head: 63,0 mm
VP054020		
BB054020	2	
BM054020	2	
		
OP054020	1	
WP054020	1	Total height: 108,00 mm Total length: 176,00 mm Without gasket
		
		
NA054020	1	
NT054020	1	
KT054020	1	
		
OF054020	1	
GB054020	3	
IT054020	1	

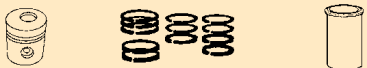

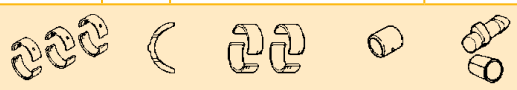
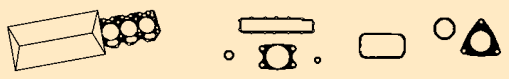


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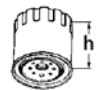




Used for: PERKINS 4.108

Specifications: Diesel · 4 cylinders · Bore: 3 1/8" (79,40 mm)

In: FENWICK, CLARK, LANSING, YALE

REF	Qty/ eng	Remarks
		
PI054004STD	4	STD
1SE054004STD	4	STD
CH054004	4	Semi-finished
AS054004	4	
		
IK054004	4	
UK054004	4	
KS054004	8	
IG054004	4	
UG054004	4	
		
HL054004STD	1	STD shaft dia: 57,100 mm
HL054004010	1	0.010" undersize
HL054004020	1	0.020" undersize
HL054004030	1	0.030" undersize
1AL054004STDA	2	STD shaft dia: 65,790 mm, outer, 1 bearing
1AL054004STDB	2	STD shaft dia: 65,790 mm, inner, 1 bearing
4BL054004STD	1	STD shaft dia: 50,800 mm
4BL054004010	1	0.010" undersize
4BL054004020	1	0.020" undersize
4BL054004030	1	0.030" undersize
PB054004	4	
		
BP054004	1	With valve seals
CP054004A	1	For Lansing
CP054004B	1	For Fenwick and Clark
JC054004	1	
KA054004A	8	For intake and exhaust
KA054004B	4	Only for intake
SV054004	1	
1SA054004	2	
		
VP054004	1	

REF	Qty/ eng	Remarks
BB054004	8	
CG054004	18	Total length: 108,0 mm
		
WP054004	1	Total height: 100,0 mm Total length: 160,0 mm With gasket
		
RW054004	1	
		
NA054004	1	
NT054004	1	
KT054004	1	
TT054004	1	
		
OF054004A	1	Height: 140,0 mm
OF054004B	1	Height: 170,0 mm
		
GB054004A	1	Heater plug, spade connection
		
GB054004B	1	Heater plug, screw connection
		
GB054004C	1	Glow plug
IT054004	4	

Used for: PERKINS

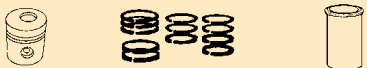
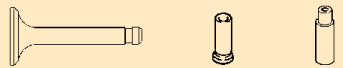



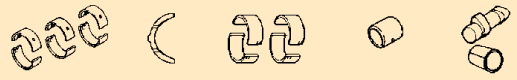
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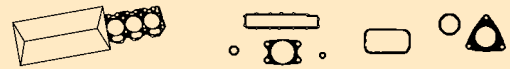




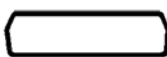






Used for: PERKINS 4.203

Specifications: Diesel · 4 cylinders · Bore: 91,48 mm

In: HYSTER, HENLEY, LANSING, ALLIS CHALMERS, CLARK, CATERPILLAR, YALE, LANCER BOSS, FENWICK

REF	Qty/ eng	Remarks	
			
PI054002	4	STD	
1SE054002A	4	For cast iron liners, rings for 1 piston	
1SE054002B	4	For chrome liners, rings for 1 piston	
CH054002A	4	Cast iron, semi-finished	
CH054002B	4	Cast iron, finished	
CH054002C	4	Chrome, finished	
AS054002A	4	With CHA	
AS054002B	4	With CHB	
AS054002C	4	With CHC	
			
IK054002A	4	Seat angle: 45°	
IK054002B	4	Seat angle: 30°	
IK054002C	4	Seat angle: 45°	
IK054002D	4	Seat angle: 45° Thicker head	
UK054002A	4	Seat angle: 45°	
UK054002B	4	Seat angle: 30°	
UK054002C	4	Seat angle: 45°	
UK054002D	4	Seat angle: 45° Thicker head	
KS054002	8		
IG054002	4	Height: 56,5 mm	
UG054002	4	Height: 62,0 mm	
KG054002	8	Height: 62,0 mm	
			
HL054002STD	1	STD shaft dia: 69,812 - 69,825 mm	
HL054002010	1	0.010" undersize	
HL054002020	1	0.020" undersize	
HL054002030	1	0.030" undersize	
1AL054002STDA	2	STD; outer, 1 Thickness: 3,175 mm	
1AL054002007A	2	0.007" undersize	
1AL054002STDB	2	STD; inner, 1 Thickness: 3,175 mm	
1AL054002007B	2	0.007" undersize	
4BL054002STD	1	STD; shaft dia: 57,112 - 57,125 mm	
4BL054002010	1	0.010" undersize	
4BL054002020	1	0.020" undersize	
4BL054002030	1	0.030" undersize	

REF	Qty/ eng	Remarks	
4BL054002060	1	0.060" undersize	
PB054002	4		
			
BP054002A	1	With JCA	
BP054002B	1	With JCB	
CP054002	1		
JC054002A	1		
JC054002B	1		
KA054002	8		
SV054002G	1		
SA054002B	1	Lip seal	
1SA054002A	2	Rope seal	
KD054002A	1		
KD054002B	1		
			
VP054002	1		
BB054002	8		
BM054002	8		
CG054002A	8	Short, length: 71,0 mm	
CG054002B	10	Long, length: 95,8 mm	
			
OP054002	1		









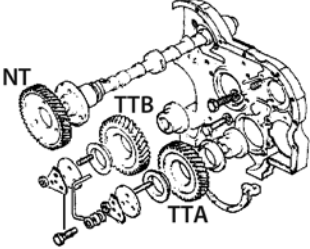
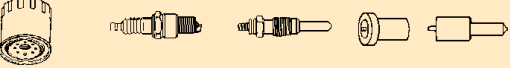
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Used for: PERKINS 4.203

Specifications: Diesel · 4 cylinders · Bore: 91,48 mm

In: HYSTER, HENLEY, LANSING, ALLIS CHALMERS, CLARK, CATERPILLAR, YALE, LANCER BOSS, FENWICK

REF	Qty/eng	Remarks
WP054002A	1	Total height: 133,0 mm Total length: 192,0 mm  With gasket 
WP054002B	1	Total height: 132,0 mm Total length: 194,0 mm  With gasket 
WP054002C	1	Total height: 143,6 mm Total length: 206,0 mm  With gasket 
WP054002D	1	Total height: 120,4 mm Total length: 163,0 mm 
RW054002A	1	
RW054002B	1	
RW054002C	1	
RW054002D	1	
		
NA054002	1	
NT054002	1	
KT054002	1	
TT054002A	1	Lower idler gear, number of teeth: 48
TT054002B	1	Upper idler gear, number of teeth: 43
		
OF054002	1	

REF	Qty/eng	Remarks
GB054002A	1	Intake heater, spade connection 
GB054002B	1	Intake heater, screw connection 
IT054002	4	

Used for: PERKINS

For any other engine part, please contact us !



Used for: PERKINS 4.203.2

Specifications: Diesel · 4 cylinders · Bore: 91,48 mm

In: CLARK, HYSTER, YALE, CLIMAX, LANCER BOSS, CATERPILLAR, FENWICK, ALLIS CHALMERS

REF	Qty/eng	Remarks
PI054009	4	STD
1SE054009	4	STD
CH054009A	4	Semi-finished
CH054009B	4	Finished
AS054009A	4	With semi-finished liner
AS054009B	4	With finished liner
IK054009A	4	Seat angle: 35°
IK054009B	4	Seat angle: 45°
UK054009A	4	Seat angle: 35°
UK054009B	4	Seat angle: 45°
KS054009	8	
IG054009	4	
UG054009	4	
HL054009STD	1	STD shaft dia: 69,81 - 69,83 mm
HL054009010	1	0.010" undersize
HL054009020	1	0.020" undersize
HL054009030	1	0.030" undersize
1AL054009STDA	2	STD, outer, thickness: 3,175 mm
1AL054009007A	2	0.007" undersize
1AL054009STDB	2	STD, inner, thickness: 3,175 mm
1AL054009007B	2	0.007" undersize
4BL054009STD	1	STD shaft dia: 57,110 - 57,120 mm
4BL054009010	1	0.010" undersize
4BL054009020	1	0.020" undersize
4BL054009030	1	0.030" undersize
PB054009	4	
1NL054009	1	
BP054009	1	
CP054009	1	
JC054009	1	

REF	Qty/eng	Remarks
KA054009	8	
SV054009	1	
SA054009	1	
KD054009	1	
CB054009A	8	Length: 3 1/4"
CB054009B	4	Length: 3 5/8"
CB054009C	9	Length: 3 7/8"
BB054009	8	
BM054009	8	
CG054009	2	Length: 111,0 mm
OP054009	1	
WP054009A	1	Total height: 112,8 mm Total length: 194,0 mm
WP054009B	1	Total height: 133,0 mm Total length: 192,0 mm
RW054009A	1	
RW054009B	1	
NA054009	1	

For any other engine part, please contact us !



Used for: PERKINS 4.203.2

Specifications: **Diesel** · **4 cylinders** · Bore: **91,48 mm**

In: **CLARK, HYSTER, YALE, CLIMAX, LANCER BOSS, CATERPILLAR, FENWICK, ALLIS CHALMERS**

Used for: PERKINS

REF	Qty/ eng	Remarks	
NT054009	1		
KT054009	1		
TT054009A	1	Lower idler gear, number of teeth: 48	
TT054009B	1	Upper idler gear, number of teeth: 43	
OF054009	1		
GB054009A	1	Intake heater, spade connection	
GB054009B	1	Intake heater, screw connection	
IT054009A	4	DLL150S6771	
IT054009B	4	6801029	
IT054009C	4	OLL180M9977	



Used for: PERKINS 4.236

Specifications: Diesel · 4 cylinders · Bore: 98,48 mm · In: HYSTER, CLARK, CATERPILLAR, KALMAR, LANSING, YALE, TOWMOTOR, KOMATSU, MITSUBISHI, LINDE, DAEWOO/DOOSAN, MANITOU

REF	Qty/eng	Remarks
PI054001STD	4	STD
PI054001030	4	0.030" oversize
1SE054001STD	4	STD
1SE054001030	4	0,030" oversize
CH054001A	4	Semi-finished, no collar
CH054001B	4	Semi-finished, with collar, flame ring
CH054001C	4	Finished, with collar, flame ring
CH054001D	4	Semi-finished, with collar, no flame ring
CH054001E	4	Finished, with collar, no flame ring, oversize external dia: 104,2 mm
AS054001	4	With liner CHA
IK054001STD	4	STD
IK054001003	4	0.003" oversize
IK054001015	4	0.015" oversize
IK054001030	4	0.030" oversize
UK054001STD	4	STD
UK054001003	4	0.003" oversize
UK054001015	4	0.015" oversize
UK054001030	4	0.030" oversize
KS054001	8	
IG054001	4	
UG054001	4	
HL054001STD	1	STD; shaft dia: 76,162 - 76,175 mm
HL054001010	1	0.010" undersize
HL054001020	1	0.020" undersize
HL054001030	1	0.030" undersize
1AL054001STDA	2	STD; outer bearing
1AL054001007A	1	0.007" undersize
1AL054001STDB	2	STD; inner bearing
1AL054001007B	1	0.007" undersize
4BL054001STD	1	STD; shaft dia: 63,475 - 63,487 mm
4BL054001010	1	0.010" undersize
4BL054001020	1	0.020" undersize
4BL054001030	1	0.030" undersize
PB054001	4	

REF	Qty/eng	Remarks
BP054001	1	
CP054001	1	
JC054001A	1	Only for use with flame ring line
JC054001B	1	Only for use with non-flame ring
KA054001	8	
SV054001	1	
1SA054001A	2	Rope seal
SA054001B	1	Lip seal
KD054001	1	
CB054001A	1	Total length: 97,5 mm
CB054001B	1	Total length: 151,0 mm
CB054001C	1	Total length: 119,0 mm
CB054001D	1	Total length: 130,0 mm
CB054001E	1	Total length: 133,0 mm
CB054001F	1	Total length: 114,5 mm
VP054001	1	
BB054001	8	
BM054001	8	
OP054001	1	Only for engines without balancer





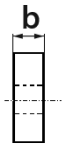
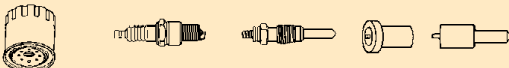


For any other engine part, please contact us !



Used for: PERKINS 4.236

Specifications: Diesel · 4 cylinders · Bore: 98,48 mm · In: HYSTER, CLARK, CATERPILLAR, KALMAR, LANSING, YALE, TOWMOTOR, KOMATSU, MITSUBISHI, LINDE, DAEWOO/DOOSAN, MANITOU

Used for: PERKINS

REF	Qty/eng	Remarks	
WP054001A	1	Total height: 143,0 mm Total length: 209,0 mm Hose connection upper right	With gasket 
WP054001B	1	Total height: 143,0 mm Total length: 217,0 mm Hose connection down	With gasket 
			
NA054001	1		
NT054001A	1	b: 38,2 mm	
NT054001B	1	b: 35,2 mm	
KT054001A	1	b: 47,4 mm	
KT054001B	1	b: 45,0 mm	
			
OF054001	1		
GB054001A	1	Intake heater, spade connection	
GB054001B	1	Intake heater, screw connection	
IT054001A	4	BDLL150S6649	
IT054001B	4	BDLL150S6507	
IT054001C	4	BDLL150S6673	



Used for: PERKINS 4.2482

Specifications: Diesel · 4 cylinders · Bore: 101,05 mm

In: HYSTER, YALE, LANSING, CATERPILLAR, CLARK, DAEWOO/DOOSAN

REF	Qty/eng	Remarks
PI054003STD	4	STD
1SE054003STD	4	STD
CH054003A	4	Semi-finished, with collar, flame ring
CH054003B	4	Finished, with collar, flame ring
CH054003D	4	Finished, with collar, no flame ring
CH054003C	4	Semi-finished, with collar, no flame ring
IK054003STD	4	STD
IK054003003	4	0.003" oversize
IK054003015	4	0.015" oversize
IK054003030	4	0.030" oversize
UK054003STD	4	STD
UK054003003	4	0.003" oversize
UK054003015	4	0.015" oversize
UK054003030	4	0.030" oversize
KS054003	8	
IG054003	4	
UG054003	4	
HL054003STD	1	STD shaft dia: 76,162 mm
HL054003010	1	0.010" undersize
HL054003020	1	0.020" undersize
HL054003030	1	0.030" undersize
1AL054003STDA	2	STD; outer bearing, thickness: 2,311 mm
1AL054003007A	1	0.007" undersize
1AL054003STDB	2	STD; inner bearing, thickness: 2,311 mm
1AL054003007B	1	0.007" undersize
4BL054003STD	1	STD shaft dia: 63,475 mm
4BL054003010	1	0.010" undersize
4BL054003020	1	0.020" undersize
4BL054003030	1	0.030" undersize
PB054003	4	
BP054003	1	
CP054003	1	

REF	Qty/eng	Remarks
JC054003A	1	Only for use with flame ring
JC054003B	1	Only for use with non-flame ring
KA054003	8	
SV054003	1	
SA054003B	1	Lip seal
1SA054003A	2	Rope seal
KD054003	1	
CB054003A	6	
CB054003B	12	
CB054003C	2	
VP054003	1	
BB054003	8	
BM054003	8	
OP054003A	1	For engine without balancers
OP054003B	1	For engine with balancers

For any other engine part, please contact us !




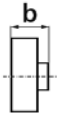
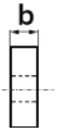






Used for: PERKINS 4.2482

Specifications: Diesel · 4 cylinders · Bore: 101,05 mm

In: HYSTER, YALE, LANSING, CATERPILLAR, CLARK, DAEWOO/DOOSAN

Used for: PERKINS

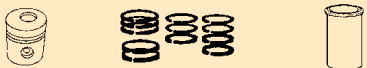
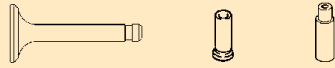
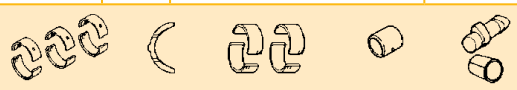
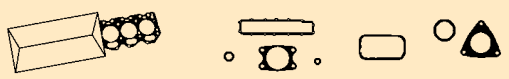


REF	Qty/ eng	Remarks	
WP054003A	1	Total height: 143,0 mm Total length: 209,0 mm Hose connection upper right	With gasket 
WP054003B	1	Total height: 143,0 mm Total length: 217,0 mm Hose connection down	With gasket 
RW054003	1		
			
NA054003	1		
NT054003A	1	b: 38,2 mm	
NT054003B	1	b: 35,2 mm	
KT054003A	1	b: 47,4 mm	
KT054003B	1	b: 45 mm	
TT054003A	1	b: 27,8 mm	
TT054003B	1	b: 24,2 mm	
			
OF054003	1		
GB054003A	1	Intake heater, spade connection	
GB054003B	1	Intake heater, screw connection	
IT054003	4		









Used for: PERKINS 403C17 HM81556

Specifications: Diesel · 3 cylinders · Bore: 84,00 mm · Displacement: 1,662 l

In: JCB 8025 ZTS

REF	Qty/eng	Remarks
		
PISE054015STD	3	STD
PISE054015025	3	Oversize: 0,250 mm
PP054015	3	
PC054015	6	
1SE054015STD	3	STD
1SE054015025	3	Oversize: 0,250 mm
		
IK054015	3	
UK054015	3	
KS054015	6	
		
HL054015STDA	1	STD, front, bush
HL054015025A	1	Undersize: 0,250 mm, front, bush
HL054015050A	1	Undersize: 0,500 mm, front, bush
HL054015STDB	1	STD, STD shaft dia: 67,957-67,970 mm
HL054015025B	1	Undersize: 0,250 mm
HL054015050B	1	Undersize: 0,500 mm
1AL054015	2	
3BL054015STD	1	STD, STD shaft dia: 51,964-51,975 mm
3BL054015025	1	Undersize: 0,250 mm
3BL054015050	1	Undersize: 0,500 mm
PB054015	3	
NL054015A	1	Front
NL054015B	1	Rear
		
KP054015	1	
JC054015A	1	Thickness: 1,40 mm
		
JC054015B	1	Thickness: 1,30 mm
		
KA054015	6	

REF	Qty/eng	Remarks
SV054015	1	55,0 x 35,0 x 11,0 mm, rubber
SA054015	1	170,0 x 90,0 x 13,0 mm, metal-rubber
KD054015	1	
		
CB054015A	11	Length: 102,0 mm
CB054015B	3	Length: 83,0 mm
VP054015	1	
BB054015	6	
BM054015	6	
		
OP054015	1	
		
WP054015	1	Total height: 124,00 mm Total length: 170,00 mm
		
		
NA054015	1	
NT054015	1	
KT054015	1	
TT054015	1	
		
OF054015	1	
GB054015	3	
IT054015	1	

For any other engine part, please contact us !


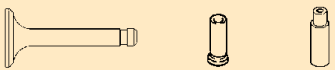
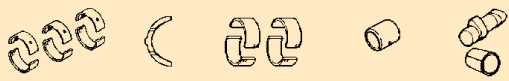
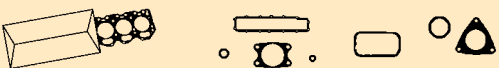









Used for: PERKINS 403D11 GJ65691

Specifications: Diesel · 3 cylinders · Bore: 77,00 mm · Displacement: 1,130 l

In: JCB 8016, 8016 CTS

Used for: PERKINS

REF	Qty/ eng	Remarks
		
PISE054016STD	3	STD
PP054016	6	
PC054016	6	
1SE054016STD	3	STD
AS054016	3	
		
IK054016	3	
UK054016	3	
KS054016	6	
		
HL054016STD	1	STD, STD shaft dia: 47,964-47,975 mm
HL054016025	1	Undersize: 0,250 mm
3BL054016STD	1	STD, STD shaft dia: 40,964-40,975 mm
3BL054016025	1	Undersize: 0,250 mm
PB054016	3	
NL054016	1	
		
KP054016	1	
JC054016A	1	Thickness: 1,20 mm
		
JC054016B	1	Thickness: 1,30 mm
		
KA054016	6	
SV054016	1	42,0 x 25,0 x 8,0 mm, rubber
SA054016	1	134,0 x 68,0 x 13,0 mm, metal-rubber
KD054016	1	
		
CB054016	11	
VP054016	1	
BB054016	6	

REF	Qty/ eng	Remarks
BM054016	6	
		
OP054016	1	
WP054016	1	Total height: 117,00 mm Total length: 142,00 mm
		
		
NA054016	1	
NT054016	1	
KT054016	1	
		
OF054016	1	
GB054016	3	
IT054016	3	

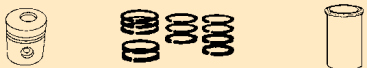
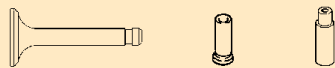
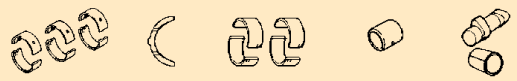
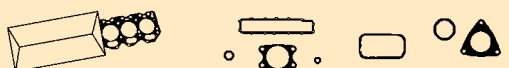


For any other engine part, please contact us !








Used for: PERKINS 403D15 GK65653

Specifications: Diesel · 3 cylinders · Bore: 84,00 mm · Displacement: 1,496 l

In: JCB 8035 ZTS

REF	Qty/eng	Remarks
		
PISE054017STD	3	STD
PISE054017050	3	Oversize: 0,500 mm
PISE054017100	3	Oversize: 1,000 mm
PP054017	3	
PC054017	6	
1SE054017STD	3	STD
1SE054017050	3	Oversize: 0,500 mm
1SE054017100	3	Oversize: 1,000 mm
		
IK054017	3	
UK054017	3	
KS054017	6	
		
HL054017STD	1	STD, STD shaft dia: 67,957-67,970 mm
HL054017025	1	Undersize: 0,250 mm
HL054017050	1	Undersize: 0,500 mm
1AL054017	2	
3BL054017STD	1	STD, STD shaft dia: 51,964-51,975 mm
3BL054017025	1	Undersize: 0,250 mm
3BL054017050	1	Undersize: 0,500 mm
PB054017	3	
1NL054017A	1	Front
1NL054017B	1	Rear
		
KP054017		
JC054017A	1	Thickness: 1,30 mm
		
JC054017B	1	Thickness: 1,40 mm
		
KA054017	6	
SV054017	1	

REF	Qty/eng	Remarks
SA054017	1	154,0 x 90,0 x 13,0 mm, metal-rubber
KD054017	1	
		
CB054017	14	
VP054017	1	
BB054017	6	
BM054017	6	
		
OP054017	1	
		
WP054017	1	Total height: 124,00 mm Total length: 170,00 mm
		
		
		
NA054017	1	
NT054017	1	
KT054017	1	
		
OF054017	1	
GB054017	3	
IT054017	3	

For any other engine part, please contact us !



Used for: PERKINS 403D17 GS65778

Specifications: Diesel · 3 cylinders · Bore: 84,00 mm · Displacement: 1,660 l

In: JCB 8035 ZTS

REF	Qty/eng	Remarks
PISE054018STD	3	STD
PISE054018025	3	Oversize: 0,250 mm
PP054018	3	
PC054018	6	
IK054018	3	
UK054018	3	
KS054018	6	
HL054018STD	1	STD, STD shaft dia: 67,957-67,970 mm
HL054018025	1	Undersize: 0,250 mm
HL054018050	1	Undersize: 0,500 mm
1AL054018STD	2	
3BL054018STD	1	STD, STD shaft dia: 51,964-51,975 mm
3BL054018025	1	Undersize: 0,250 mm
3BL054018050	1	Undersize: 0,500 mm
PB054018	3	
1NL054018A	1	Front
1NL054018B	1	Rear
KP054018	1	
JC054018A	1	Thickness: 1,30 mm
JC054018B	1	Thickness: 1,40 mm
KA054018	6	
SV054018	1	
SA054018	1	1700 x 90,0 x 13,0 mm, metal-rubber
KD054018	1	

REF	Qty/eng	Remarks
CB054018	11	
VP054018	1	
BB054018	6	
BM054018	6	
OP054018	1	
WP054018	1	Total height: 124,00 mm Total length: 170,00 mm
		With gasket
NA054018	1	
NT054018	1	
KT054018	1	
OF054018	1	
GB054018	3	
IT054018	3	

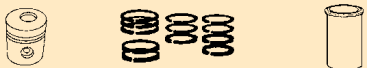
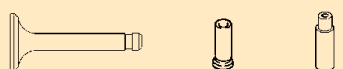
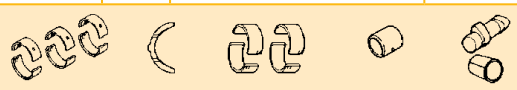
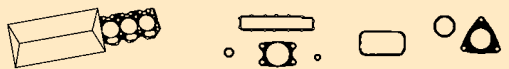
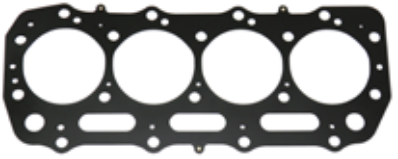

Used for: PERKINS






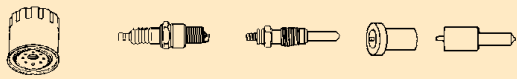


Used for: PERKINS 404C 22 HP50995

Specifications: Diesel · 4 cylinders · Bore: 84,00 mm · Displacement: 2,216 l

In: JCB 8052

REF	Qty/eng	Remarks
		
PISE054019STD	4	STD
PP054019	4	
PC054019	2	
1SE054019STD	4	STD
		
IK054019	4	
UK054019	4	
KS054019	8	
IG054019	4	
UG054019	4	
		
HL054019STD	1	STD, STD shaft dia: 67,957-67,970 mm
HL054019025	1	Oversize: 0,250 mm
HL054019050	1	Oversize: 0,500 mm
1AL054019STDA	1	Upper
1AL054019STDB	2	Lower
4BL054019STD	1	STD, STD shaft dia: 51,964-51,975 mm
4BL054019025	1	Undersize: 0,250 mm
4BL054019050	1	Undersize: 0,500 mm
PB054019	1	
NL054019	1	
		
KP054019A	1	For cylinder head gasket thickness: 0,4 mm
KP054019B	1	For cylinder head gasket thickness: 0,5 mm
CP054019	1	
JC054019A	1	Thickness: 0,50 mm 
JC054019B	1	Thickness: 0,40 mm 
KA054019A	4	Exhaust
KA054019B	4	Intake

REF	Qty/eng	Remarks
SV054019	1	55,0 x 35,0 x 11,0 mm, rubber
SA054019	1	170,0 x 90,0 x 13,0 mm, metal-rubber
KD054019A	1	Rocker box
KD054019B	1	Rocker cover
		
VP054019	1	
BB054019	2	
BM054019	2	
		
OP054019	1	
WP054019	1	Total height: 124,00 mm Total length: 170,00 mm With gasket 
		
NA054019	1	
NT054019	1	
KT054019	1	
		
GB054019	4	
IT054019	1	

For any other engine part, please contact us !



Used for: PERKINS 404D-22 GN66167

Specifications: Diesel · 4 cylinders · Bore: 84,00 mm · Displacement: 2,200 l

In: JCB 8055 ZTS RTS

Used for: PERKINS

REF	Qty/eng	Remarks
PISE054021STD	4	STD
PISE054021025	4	Oversize: 0,250 mm
PP054021	4	
PC054021	8	
1SE054021STD	4	STD
AS054021	1	
IK054021	4	
UK054021	4	
KS054021	8	
IG054021	4	
UG054021	4	
HL054021STD	1	STD, STD shaft dia: 67,957-67,970 mm
HL054021025	1	Undersize: 0,250 mm
1AL054021A	1	Upper
1AL054021B	2	Lower
4BL054021STD	1	STD, STD shaft dia: 51,964-51,975 mm
4BL054021025	1	Undersize: 0,250 mm
4BL054021050	1	Undersize: 0,500 mm
PB054021	1	
NL054021	1	
KP054021	1	Without crankshaft oil seals front/rear
JC054021A	1	Thickness: 1,30 mm
JC054021B	1	Thickness: 1,20 mm

REF	Qty/eng	Remarks
JC054021C	1	Thickness: 1,10 mm
KA054021A	4	Intake valve
KA054021B	4	Exhaust valve
SV054021	1	55,0 x 35,0 x 11,0 mm, rubber
SA054021	1	170,0 x 90,0 x 13,0 mm, metal-rubber
KD054021A	1	Rocker box
KD054021B	1	Rocker cover
CB054021A	14	Length end to head: 91,0 mm
CB054021B	4	Length end to head: 72,0 mm
VP054021	1	
BB054021	2	
BM054021	2	
OP054021	1	
WP054021	1	Total height: 124,00 mm Total length: 170,00 mm
NA054021	1	
NT054021	1	
KT054021	1	
OF054021	1	
GB054021	4	

For any other engine part, please contact us !



Used for: PERKINS 6.354

Specifications: Diesel · 6 cylinders · Bore: 3 7/8" (98,48 mm)

In: HYSTER, CATERPILLAR, CLARK

REF	Qty/eng	Remarks
PI054005STD	6	STD
1SE054005STD	6	STD
CH054005A	6	Semi-finished, without collar
CH054005B	6	Semi-finished, with collar
CH054005C	6	Finished, with collar
AS054005A	6	With CHA
AS054005B	6	With CHB
AS054005C	6	With CHC
IK054005	6	
UK054005	6	
KS054005	12	
IG054005	6	
UG054005	6	
HL054005STD	1	STD shaft dia: 76,162 mm
HL054005010	1	0.010" undersize
HL054005020	1	0.020" undersize
HL054005030	1	0.030" undersize
1AL054005STDA	2	STD, outer, bearing: 86,868 mm
1AL054005007A	1	0.007" undersize
1AL054005STDB	2	STD, inner, bearing: 86,868 mm
1AL054005007B	1	0.007" undersize
1AL054005STDC	2	STD, upper bearing: 77,343 mm
1AL054005STDD	2	STD, lower bearing: 77,343 mm
6BL054005STD	1	STD, shaft dia: 63,475 mm
6BL054005010	1	0.010" undersize
6BL054005020	1	0.020" undersize
6BL054005030	1	0.030" undersize
PB054005	6	
BP054005	1	
CP054005A	1	For Hyster and Caterpillar
CP054005B	1	For Clark
JC054005	1	

REF	Qty/eng	Remarks
KA054005	12	
SV054005	1	
SA054005B	1	Lip seal
1SA054005A	2	Rope seal
KD054005	1	
VP054005	1	
BB054005	12	
BM054005	12	
CG054005	6	Length: 87,0 mm
OP054005A	1	For Hyster
OP054005B	1	For Clark and Caterpillar
WP054005	1	Total height: 174,0 mm Total length: 275,0 mm
RW054005	1	
NA054005	1	
NT054005	1	
KT054005	1	
TT054005A	1	Upper
TT054005B	1	Lower

For any other engine part, please contact us !



Used for: PERKINS 6.354

Specifications: **Diesel · 6 cylinders · Bore: 3 7/8" (98,48 mm)**

In: **HYSTER, CATERPILLAR, CLARK**

REF	Qty/ eng	Remarks	
OF054005	1		
GB054005A	1	Intake heater, spade connection	
GB054005B	1	Intake heater, screw connection	
IT054005A	6	For Hyster	
IT054005B	6	For Clark	
IT054005C	6	For Caterpillar	

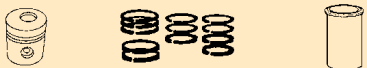
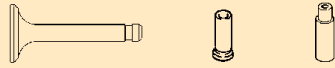
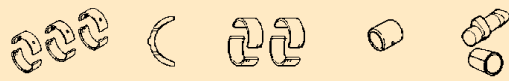
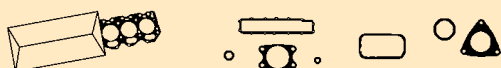

Used for: PERKINS












Used for: PERKINS 6.3544

Specifications: Diesel · 6 cylinders · Bore: 3 7/8" (98,48 mm)

In: CLARK, HYSTER, KALMAR, FANTUZZI

REF	Qty/eng	Remarks
		
PI054006STD	6	STD
1SE054006STD	6	STD
CH054006A	6	Finished
CH054006B	6	Semi-finished
AS054006A	6	With liner CHA
AS054006B	6	With liner CHB
		
IK054006	6	
UK054006	6	
KS054006	12	
IG054006	6	
UG054006	6	
		
HL054006STD	1	STD shaft dia: 76,170 mm
HL054006010	1	0.010" undersize
HL054006020	1	0.020" undersize
HL054006030	1	0.030" undersize
1AL054006STDA	2	STD; outer, bearing Thickness: 86,868 mm
1AL054006007A	1	0.007" undersize
1AL054006STDB	2	STD; inner, bearing Thickness: 86,868 mm
1AL054006007B	1	0.007" undersize
6BL054006STD	1	STD; shaft dia: 63,480 mm
6BL054006010	1	0.010" undersize
6BL054006020	1	0.020" undersize
6BL054006030	1	0.030" undersize
PB054006	6	
		
BP054006	1	
CP054006	1	
JC054006	1	
		
KA054006	12	
SV054006	1	
SA054006	1	
KD054006	1	

REF	Qty/eng	Remarks	
			
CB054006A	12	Total length: 97,5 mm	
CB054006B	6	Total length: 119,0 mm	
VP054006	1		
BB054006	12		
BM054006	12		
			
OP054006	1		
			
WP054006A	1	Total height: 202,0 mm Total length: 414,0 mm	With gasket
			
WP054006B	1	Total height: 167,0 mm Total length: 306,0 mm	With gasket
			
RW054006	1		
			
NA054006	1		
NT054006	1		
KT054006	1		
TT054006A	1	Upper	
TT054006B	1	Lower	
			
OF054006	1		
GB054006A	1	Intake heater, spade connection	
GB054006B	1	Intake heater, screw connection	
IT054006	6		

For any other engine part, please contact us !



Used for: PERKINS 704.26 UB70443

Specifications: Diesel · 4 cylinders · Bore: 3.59" (91,10 mm)

In: HYSTER

Used for: PERKINS

REF	Qty/eng	Remarks
PI054012STD	4	STD
PI054012050	4	0,500 mm oversize
1SE054012STD	4	STD
1SE054012050	4	0,500 mm oversize
IK054012	4	
UK054012	4	
KS054012	8	
KG054012	8	
HL054012STD	1	STD; shaft dia: 64,951 - 64,970 mm
HL054012025	1	0,250 mm undersize
HL054012050	1	0,500 mm undersize
HL054012075	1	0,750 mm undersize
1AL054012STD	2	STD; thickness: 2,38 mm
1AL054012020	2	Thickness: 2,44 mm
4BL054012STD	1	STD shaft dia: 52,95 - 52,97 mm
4BL054012025	1	0,250 mm undersize
4BL054012050	1	0,500 mm undersize
4BL054012075	1	0,750 mm undersize
PB054012	4	
1NL054012	1	
BP054012	1	With valve seals
CP054012	1	No oil seals included
JC054012	1	
KA054012	8	
SV054012	1	
SA054012	1	
KD054012	1	
CB054012A	14	
CB054012B	4	With stud on head

REF	Qty/eng	Remarks
VP054012	1	
BB054012	8	
BM054012	8	
OP054012	1	
WP054012	1	Total height: 129,0 mm Total length: 210,0 mm With gasket
NA054012	1	Complete with gear
NT054012	1	
KT054012	1	
TT054012	1	
OF054012	1	
GB054012	4	
IT054012	4	

For any other engine part, please contact us !



Used for: PERKINS 704.30 UA80885

Specifications: Diesel · 4 cylinders · Bore: 3.82" (97,00 mm)

In: CLARK

REF	Qty/eng	Remarks
PI054013STD	4	STD
PI054013050	4	0,500 mm oversize
1SE054013STD	4	STD
1SE054013050	4	0,500 mm oversize
IK054013	4	
UK054013	4	
KS054013	8	
KG054013	8	
HL054013STD	1	STD shaft dia: 64,95 - 64,97 mm
HL054013025	1	0,250 mm undersize
HL054013050	1	0,500 mm undersize
HL054013075	1	0,750 mm undersize
1AL054013STD	2	STD; thickness: 2,38 mm
1AL054013020	2	0,200 mm oversize thickness: 2,44 mm
4BL054013STD	1	STD shaft dia: 52,95 mm - 52,97 mm
4BL054013025	1	0,250 mm undersize
4BL054013050	1	0,500 mm undersize
4BL054013075	1	0,750 mm undersize
PB054013	4	
1NL054013	1	
BP054013	1	With valve seals
CP054013	1	No oil seals included
JC054013	1	
KA054013	8	
SV054013	1	
SA054013	1	
KD054013	1	
CB054013A	14	
CB054013B	4	

REF	Qty/eng	Remarks
VP054013	1	
BB054013	8	
BM054013	8	
OP054013	1	
WP054013	1	Total height: 129,0 mm Total length: 210,0 mm With gasket
NA054013	1	Complete with gear
NT054013	1	
KT054013	1	
TT054013	1	
OF054013	1	
GB054013	4	
IT054013	4	

For any other engine part, please contact us !



Used for: PERKINS 903.27

Specifications: Diesel · 3 cylinders · Bore: 3.74" (95,00 mm)

In: LINDE, MANITOU

Used for: PERKINS

REF	Qty/eng	Remarks
PI054008STDA	3	STD; height: grade X, compression height: 62,10 - 62,15 mm
PI054008STDB	3	STD; height: grade Y, compression height: 62,02 - 62,07 mm
1SE054008STD	3	Rings for 1 piston
CH054008	3	Semi-finished
IK054008	3	
UK054008	3	
KS054008	6	Tappet
KG054008	6	
HL054008STD	1	STD; shaft dia: 69,812 - 69,832 mm
HL054008010	1	0.010" undersize
HL054008020	1	0.020" undersize
HL054008030	1	0.030" undersize
1AL054008STDA	2	STD; outer, bearing
1AL054008007A	2	0.007" undersize
1AL054008STDB	2	STD; inner, bearing
1AL054008007B	2	0.007" undersize
3BL054008STD	1	STD; shaft dia: 57,110 - 57,130 mm
3BL054008010	1	0.010" undersize
3BL054008020	1	0.020" undersize
3BL054008030	1	0.030" undersize
PB054008	3	
BP054008	1	With valve seats
CP054008	1	No oil seals included
JC054008	1	
KA054008	6	
SV054008G	1	
SA054008	1	
KD054008	1	

REF	Qty/eng	Remarks
CB054008	8	
VP054008	1	
BB054008	6	
BM054008	6	
CG054008	4	Length: 130,5 mm
OP054008	1	
WP054008	1	Total height: 127,0 mm Total length: 220,0 mm With gasket
RW054008	1	
NA054008	1	
NT054008	1	
KT054008	1	
TT054008A	1	Number of teeth: 90
TT054008B	1	Number of teeth: 50
OF054008	1	
GB054008	1	
IT054008A	3	LB051B, up to engine serial number U330416D
IT054008B	3	L056PBA, from engine serial number U330417D

For any other engine part, please contact us !



Used for: PERKINS D3.152

Specifications: Diesel · 3 cylinders · Bore: 91,48 mm

In: HYSTER, CATERPILLAR, FENWICK, LUGLI, YALE

REF	Qty/eng	Remarks
PI054010A	3	STD; 5 rings, grooves: 2,4 - 2,4 - 3,2 - 6,3 - 6,3 mm
PI054010B	3	STD; 4 rings, grooves: 2,4 - 2,4 - 2,4 - 6,4 mm
PI054010C	3	STD; 4 rings, grooves: 2,4 - 2,4 - 2,4 - 4,8 mm
1SE054010A	3	For 1 piston PIA
1SE054010B	3	For 1 piston PIB
1SE054010C	3	For 1 piston PIC
CH054010A	3	Finished
CH054010B	3	Semi-finished
AS054010A	3	With finished liner With 5-ring piston
AS054010B	3	With semi-finished liner With 5-ring piston
IK054010A	3	Seat angle: 30°
IK054010B	3	Seat angle: 45°
UK054010A	3	Seat angle: 30°
UK054010B	3	Seat angle: 45°
KS054010	6	
KG054010	6	
HL054010STD	1	STD; shaft dia: 69,812 - 69,832 mm
HL054010010	1	0.010" undersize
HL054010020	1	0.020" undersize
HL054010030	1	0.030" undersize
1AL054010STDA	2	STD; 1 bearing
1AL054010007A	2	0.007" undersize
1AL054010STDB	2	STD; 1 bearing
1AL054010007B	2	0.007" undersize
3BL054010STD	1	STD; shaft dia: 57,112 - 57,125 mm
3BL054010010	1	0.010" undersize
3BL054010020	1	0.020" undersize
3BL054010030	1	0.030" undersize
PB054010	3	
BP054010A	1	With valve seals
BP054010B	1	For Hyster
CP054010	1	

REF	Qty/eng	Remarks
JC054010A	1	
JC054010B	1	For Hyster
SV054010G	1	
SA054010B	1	Lip seal
1SA054010A	2	Rope seal
KD054010	1	
VP054010	1	
BB054010	6	
BM054010	6	
OP054010	1	
WP054010A	1	Total height: 127,0 mm Total length: 193,0 mm
WP054010B	1	Total height: 127,0 mm Total length: 180,0 mm
WP054010C	1	Total height: 120,4 mm Total length: 103,0 mm

For any other engine part, please contact us !



Used for: PERKINS D3.152

Specifications: Diesel · 3 cylinders · Bore: 91,48 mm

In: HYSTER, CATERPILLAR, FENWICK, LUGLI, YALE

Used for: PERKINS

REF	Qty/ eng	Remarks	
RW054010	1		
NA054010	1		
NT054010	1		
KT054010	1		
TT054010	1		
OF054010	1		
GB054010A	1	Intake heater, spade connection	
GB054010B	1	Intake heater, screw connection	
IT054010A	3	BDLL150S6513, for Hyster	
IT054010B	3	BDL110S6709	



NOTES

NOTES

A series of horizontal dotted lines for taking notes.



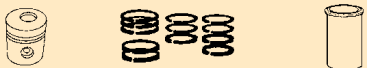
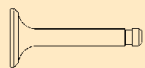


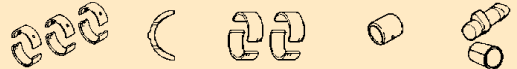
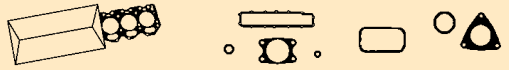


USED FOR
PEUGEOT



Used for: PEUGEOT XC7P

Specifications: **Gasoline · 4 cylinders · Bore: 84,00 mm**

In: **FENWICK**

REF	Qty/eng	Remarks
		
SE678004STD	1	STD
AS678004	4	With pin
  		
IK678004A	4	Up to 31/05/1986
IK678004B	4	From 01/06/1986
UK678004	4	
KS678004	8	
KG678004STD	8	STD
KG678004030	8	0,300 mm oversize
		
HL678004STD	1	STD
HL678004030	1	0,300 mm undersize
AL678004STD	1	STD
AL678004005	1	0,050 mm undersize
AL678004010	1	0,100 mm undersize
AL678004015	1	0,150 mm undersize
AL678004020	1	0,200 mm undersize
1BL678004STD	8	STD
1BL678004030	8	0,300 mm undersize
1BL678004050	8	0,500 mm undersize
PB678004	4	
		
KP678004	1	With front and rear oil seals, with valve seals
BP678004	1	
JC678004	1	
		
KA678004	8	
KD678004	1	
		
CB678004A	10	M12 x 150
CB678004B	10	M11 x 150
BB678004	8	With nut

REF	Qty/eng	Remarks
		
OP678004	1	
		
WP678004A	1	Total height: 126,0 mm Total length: 250,0 mm
 		
WP678004B	1	Total height: 125,2 mm Total length: 280,0 mm
 		
		
NA678004	1	
NT678004	1	
KT678004	1	
DK678004	1	
SK678004	1	
		
OF678004A	1	M18
OF678004B	1	M20
BO678004	4	

For any other engine part, please contact us !



Used for: PEUGEOT XD3P

Specifications: Diesel · 4 cylinders · Bore: 94,00 mm

In: CATERPILLAR, KALMAR, CLIMAX, LANCER BOSS

Used for: PEUGEOT

REF	Qty/ eng	Remarks
SE678001STD	1	STD
SE678001040	1	0,400 mm oversize
SE678001100	1	1,000 mm oversize
PISE678001STD	4	STD
PISE678001040	4	0,400 mm oversize
PISE678001080	4	0,800 mm oversize
CH678001	4	Semi-finished
AS678001	4	
IK678001	4	
UK678001	4	
KS678001	8	
KG678001STD	8	STD
KG678001030	8	0,300 mm oversize
2HL678001STDA	3	STD; first, third and fifth bearing shaft dia: 60,000 mm
2HL678001030A	3	0,300 mm undersize
2HL678001050A	3	0,500 mm undersize
2HL678001080A	3	0,800 mm undersize
2HL678001STDB	2	STD; second and fourth bearing shaft dia: 60,000 mm
2HL678001030B	2	0,300 mm undersize
2HL678001050B	2	0,500 mm undersize
2HL678001080B	2	0,800 mm undersize
1AL678001STD	2	STD
1AL678001020	2	0,200 mm undersize
BL678001STD	4	STD Shaft dia: 55,000 mm
BL678001030	4	0,300 mm undersize
BL678001050	4	0,500 mm undersize
BL678001080	4	0,800 mm undersize
PB678001	4	
KP678001	1	Without cylinder head gasket, with front and rear oil seals, with valve seals
BP678001	1	Without cylinder head gasket, with valve seals

REF	Qty/ eng	Remarks
JC678001A	1	Thickness: 1,53 mm, 2 notches
JC678001B	1	Thickness: 1,63 mm, 3 notches
JC678001C	1	Thickness: 1,73 mm, 4 notches
KA678001	8	
SV678001	1	60,0 x 42,0 x 8,0 mm
SA678001	1	Rope seal, 2 halves
KD678001	1	
CB678001A	7	Total length: 107,5 mm
CB678001B	7	Total length: 120,0 mm
CB678001C	8	Total length: 97,5 mm
VP678001	1	
BB678001	8	With nut
OP678001	1	
WP678001	1	Total height: 128,0 mm Total length: 270,0 mm With gasket
NA678001	1	
NT678001	1	
KT678001	1	

For any other engine part, please contact us !



Used for: PEUGEOT

Used for: PEUGEOT XD3P

Specifications: **Diesel** · **4 cylinders** · Bore: **94,00 mm**

In: **CATERPILLAR, KALMAR, CLIMAX, LANCER BOSS**

REF	Qty/ eng	Remarks
IT678001	1	
DK678001	1	
SK678001	1	
QF678001	1	
GB678001	4	
IT678001	4	



Used for: PEUGEOT XDP 4.88

Specifications: Diesel · 4 cylinders · Bore: 88,00 mm

In: FENWICK

REF	Qty/ eng	Remarks
SE678002STD	1	STD
AS678002	4	
IK678002	4	
UK678002	4	
KS678002	8	
HL678002STD	1	STD
HL678002030	1	0,300 mm undersize
HL678002050	1	0,500 mm undersize
HL678002080	1	0,800 mm undersize
2AL678002STD	2	STD
2AL678002020	2	0,200 mm undersize
BL678002STD	4	STD
BL678002030	4	0,300 mm undersize
BL678002050	4	0,500 mm undersize
BL678002080	4	0,800 mm undersize
PB678002	4	
KP678002A	1	With JCA, with front and rear oil seals, with valve seals
KP678002B	1	With JCB, with front and rear oil seals, with valve seals
BP678002A	1	With JCA, with valve seals
BP678002B	1	Without head gasket, with valve seals
JC678002A	1	Thickness: 1,40 mm
JC678002B	1	Thickness: 1,58 mm
KA678002	8	
SV678002A	1	60,0 x 42,0 x 8,0 mm
SV678002B	1	60,0 x 45,0 x 7,0 mm
SA678002	1	

REF	Qty/ eng	Remarks
KD678002	1	
CB678002A	7	Total length: 118,0 mm
CB678002B	7	Total length: 108,0 mm
CB678002C	8	Total length: 91,0 mm
BB678002	8	With nut
OP678002	1	
WP678002A	1	Total height: 127,0 mm Total length: 267,0 mm With gasket
NA678002	1	
NT678002	1	
KT678002	1	
TT678002	1	
OF678002A	1	Cartridge
OF678002B	1	Element
GB678002	4	
IT678002A	4	For flanged injector
IT678002B	4	For screwed injector

Used for: PEUGEOT

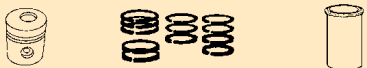
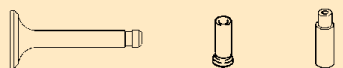

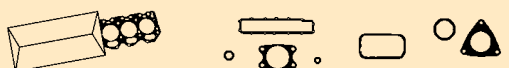



For any other engine part, please contact us !













Used for: PEUGEOT XDP 4.90

Specifications: Diesel · 4 cylinders · Bore: 90,00 mm

In: SAXBY

REF	Qty/eng	Remarks
		
SE678003STD	1	STD
AS678003A	4	For JCA
AS678003B	4	For JCB
		
IK678003	4	
UK678003	4	
KS678003	8	
		
HL678003STD	1	STD
HL678003030	1	0,300 mm undersize
HL678003050	1	0,500 mm undersize
HL678003080	1	0,800 mm undersize
2AL678003STD	2	STD
2AL678003020	2	0,200 mm undersize
BL678003STD	4	STD
BL678003030	4	0,300 mm undersize
BL678003050	4	0,500 mm undersize
BL678003080	4	0,800 mm undersize
PB678003	4	
		
KP678003A	1	With JCB, with front and rear oil seals, with valve seals
KP678003B	1	With JCC, with front and rear oil seals, with valve seals
BP678003A	1	With JCB, with valve seals
BP678003B	1	Without head gasket, with valve seals
JC678003A	1	Thickness: 1,20 mm
		
JC678003B	1	Thickness: 1,40 mm
		
JC678003C	1	Thickness: 1,58 mm
		

REF	Qty/eng	Remarks
KA678003	8	
SV678003A	1	60,0 x 42,0 x 8,0 mm
SV678003B	1	60,0 x 45,0 x 7,0 mm
SA678003	1	
KD678003	1	
		
CB678003A	7	Total length: 118,0 mm
CB678003B	7	Total length: 108,0 mm
CB678003C	8	Total length: 91,0 mm
BB678003	8	With nut
		
OP678003	1	
WP678003B	1	Total height: 127,0 mm Total length: 267,0 mm
		
		
WP678003C	1	Total height: 127,0 mm Total length: 267,0 mm
		
		
		
NA678003	1	
NT678003	1	
KT678003	1	
		
OF678003A	1	Cartridge
		
OF678003B	1	Element
		
GB678003	4	
IT678003A	4	For flanged injector
IT678003B	4	For screwed injector

For any other engine part, please contact us !

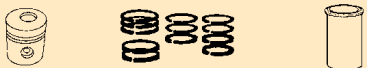
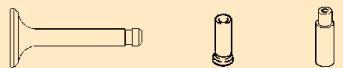
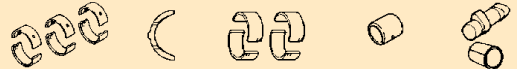
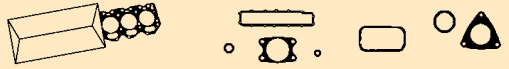




Used for: PEUGEOT XN1P

Specifications: **Gasoline** · **4 cylinders** · Bore: **88,00 mm**

In: **CATERPILLAR, CESAB**

Used for: PEUGEOT

REF	Qty/ eng	Remarks
		
SE678005STD	1	STD
AS678005	4	With piston pin
		
IK678005	4	
UK678005A	4	Up to 07/01/1984
UK678005B	4	From 07/01/1984
KS678005	8	
KG678005STD	8	STD
KG678005030	8	0,300 mm oversize
		
HL678005STD	1	STD
HL678005030	1	0,300 mm undersize
AL678005STD	1	STD
AL678005005	1	0,050 mm undersize
AL678005010	1	0,100 mm undersize
AL678005015	1	0,150 mm undersize
AL678005020	1	0,200 mm undersize
1BL678005STD	8	STD
1BL678005030	8	0,300 mm undersize
1BL678005050	8	0,500 mm undersize
PB678005	4	
		
KP678005	1	
BP678005	1	
JC678005	1	
KA678005	8	
SV678005	1	
SA678005	1	
		
CB678005A	10	M12 x 150,0 mm
CB678005B	10	M11 x 150,0 mm
BB678005	8	With nut

REF	Qty/ eng	Remarks
		
OP678005	1	
WP678005A	1	Total height: 126,0 mm Total length: 250,0 mm With gasket Cast iron housing
		
WP678005B	1	Total height: 125,2 mm Total length: 280,0 mm With gasket Aluminium housing
		
WP678005C	1	Total height: 139,0 mm Total length: 288,0 mm With gasket
		
		
NA678005	1	
NT678005	1	
KT678005	1	
DK678005	1	
SK678005	1	
		
OF678005A	1	M18
OF678005B	1	M20
BO678005	4	

For any other engine part, please contact us !



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A series of horizontal dotted lines for taking notes.



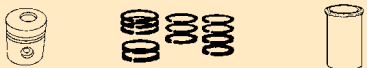


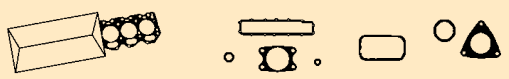

USED FOR
RENAULT









Used for: **RENAULT F3R 262**

Specifications: **Gasoline · 4 cylinders · Bore: 82,70 mm**

In: **LINDE**

REF	Qty/ eng	Remarks
		
1SE746001STD	4	STD
PISE746001STD	4	STD
PISE746001025	4	0,250 mm oversize
PISE746001050	4	0,500 mm oversize
		
IK746001	4	
UK746001	4	
KS746002	8	
KG746001A	8	Finished
KG746001B	8	Semi-finished
		
HL746001STDA	1	STD; without notches
HL746001STDB	1	STD; with notches
HL746001025B	1	0,250 mm undersize With notches
HL746001050B	1	0,500 mm undersize With notches
2AL746001STD	1	STD
2AL746001005	1	0,050 mm undersize
2AL746001010	1	0,100 mm undersize
2AL746001015	1	0,150 mm undersize
4BL746001STDA	1	STD; with notches
4BL746001STDB	1	STD; without notches
4BL746001025B	1	0,250 mm undersize Without notches
4BL746001050B	1	0,500 mm undersize Without notches
PB746001	4	
1NL476001A	1	Width: 12,0 mm
1NL476001B	1	Width: 19,0 mm
		
KP746001	1	
BP746001	1	
CP746001	1	
JC746001	1	
KA746001	8	
SV746001	1	

REF	Qty/ eng	Remarks
SA746001	1	
KD746001	1	
		
CB746001	10	
BB746001	8	
		
OP746001	1	
WP746001	1	Total height: 98,0 mm Total length: 192,0 mm With gasket 
		
NA746001A	1	With key shaft dia: 25,0 mm
NA746001B	1	Without key shaft dia: 13,0 mm
NT746001A	1	With keyway
NT746001B	1	Without keyway
KT746001	1	
SK746001	1	
DR746001	1	Complete timing belt kit
		
OF746001	1	
B0746001	4	

For any other engine part, please contact us !


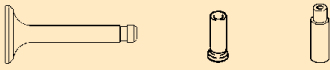

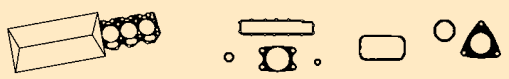









Used for: **RENAULT F3R 264**

Specifications: **Gasoline · 4 cylinders · Bore: 82,70 mm**

In: **LINDE**

Used for: **RENAULT**

REF	Qty/eng	Remarks
		
1SE746002STD	4	STD
PISE746002STD	4	STD
PISE746002025	4	0,250 mm oversize
PISE746002050	4	0,500 mm oversize
		
IK746002	4	
UK746002	4	
KS746002	8	
KG746002A	8	Finished
KG746002B	8	Semi-finished
		
HL746002STDA	1	STD; without notches
HL746002STDB	1	STD; with notches
HL746002025B	1	0,250 mm undersize With notches
HL746002050B	1	0,500 mm undersize With notches
2AL746002STD	1	STD
2AL746002005	1	0,050 mm undersize
2AL746002010	1	0,100 mm undersize
2AL746002015	1	0,150 mm undersize
4BL746002STDA	1	STD; with notches
4BL746002STDB	1	STD; without notches
4BL746002025B	1	0,250 mm undersize Without notches
4BL746002050B	1	0,500 mm undersize Without notches
PB746002	4	
1NL476001A	1	Width: 12,0 mm
1NL476001B	1	Width: 19,0 mm
		
KP746002	1	
BP746002	1	
CP746002	1	
JC746002	1	
KA746002	8	
SV746002	1	

REF	Qty/eng	Remarks
SA746002	1	
KD746002	1	
		
CB746002	10	
BB746002	8	
		
OP746002	1	
WP746002	1	Total height: 98,0 mm Total length: 192,0 mm With gasket 
		
NA746002A	1	With key shaft dia: 25,0 mm
NA746002B	1	Without key shaft dia: 13,0 mm
NT746002A	1	With keyway
NT746002B	1	Without keyway
KT746002	1	
SK746002	1	
DR746002	1	Complete timing belt kit 
OF746002	1	
B0746002	4	

For any other engine part, please contact us !



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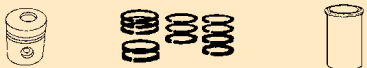
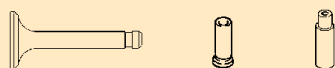

USED FOR
TOYOTA

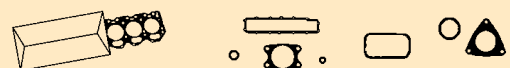








Used for: TOYOTA 11Z

Specifications: Diesel · 6 cylinders · Bore: 96,00 mm

In: TOYOTA

REF	Qty/ eng	Remarks
		
PI058010STD	6	STD
PI058010050	6	0,500 mm oversize
SE058010STD	1	STD
SE058010050	1	0,500 mm oversize
CH058010A	6	Semi-finished
CH058010B	6	Finished
		
IK058010	6	
UK058010	6	
KS058010STD	12	STD
KS058010005	12	0,050 mm oversize
KG058010	12	
		
2HL058010STDA	7	1 pair, STD shaft dia: 74,000 mm, width: 25,5 mm
HL058010025A	1	0,250 mm undersize Width: 25,5 mm
HL058010050A	1	0,500 mm undersize Width: 25,5 mm
HL058010075A	1	0,750 mm undersize Width: 25,5 mm
HL058010100A	1	1,000 mm undersize Width: 25,5 mm
2HL058010STDB	7	1 pair, STD shaft dia: 74,000 mm, width: 22,4 mm
HL058010025B	1	0,250 mm undersize Width: 22,4 mm
HL058010050B	1	0,500 mm undersize Width: 22,4 mm
HL058010075B	1	0,750 mm undersize Width: 22,4 mm
HL058010100B	1	1,000 mm undersize Width: 22,4 mm
AL058010STD	1	STD
AL0580100125	1	0,125 mm undersize
AL0580100250	1	0,250 mm undersize
BL058010STD	6	1 pair of bearings, STD shaft dia: 55,000 mm
6BL058010025	1	0,250 mm undersize
6BL058010050	1	0,500 mm undersize
6BL058010075	1	0,750 mm undersize
6BL058010100	1	1,000 mm undersize
PB058010	6	
NL058010STD	1	STD
NL0580100125	1	0,125 mm undersize

REF	Qty/ eng	Remarks
NL0580100250	1	0,250 mm undersize
		
KP058010	1	With front and rear oil seals, with valve seals
BP058010	1	With valve seals
JC058010	1	
KA058010	12	
SV058010	1	
SA058010	1	
KD058010	1	
		
CB058010	26	
VP058010	1	
BB058010	12	
BM058010	12	
		
OP058010A	1	Helical angle of gear: 20° 
OP058010B	1	Helical angle of gear: 10° 
WP058010	1	Total height: 119,0 mm Total length: 288,0 mm With gasket 

For any other engine part, please contact us !



Used for: **TOYOTA 11Z**

Specifications: **Diesel · 6 cylinders · Bore: 96,00 mm**

In: **TOYOTA**

Used for: **TOYOTA**

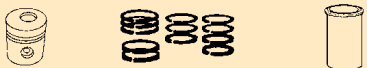
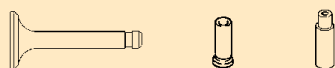
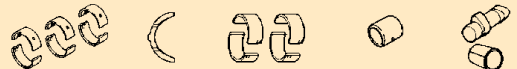
REF	Qty/ eng	Remarks
NA058010	1	
NT058010A	1	Helical angle of gear: 20°
NT058010B	1	Helical angle of gear: 10°
KT058010A	1	Helical angle of gear: 20°
KT058010B	1	Helical angle of gear: 10°
TT058010A	1	Helical angle of gear: 20°
TT058010B	1	Helical angle of gear: 10°
TT058010C	1	Helical angle of gear: 20°
TT058010D	1	Helical angle of gear: 10°
OF058010	1	
IT058010A	6	DLLA 150P35
IT058010B	6	DLLA 150P602

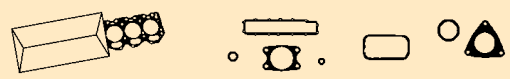









Used for: **TOYOTA 12Z**

Specifications: **Diesel · 6 cylinders · Bore: 96,00 mm**

In: **TOYOTA**

REF	Qty/ eng	Remarks
		
PI058021STD	6	STD
PI058021050	6	0,500 mm oversize
SE058021STD	1	STD
SE058021050	1	0,500 mm oversize
CH058021A	6	Semi-finished
CH058021B	6	Finished
		
IK058021	6	
UK058021	6	
KS058021STD	12	STD
KS058021005	12	0,050 mm oversize
KG058021	12	
		
2HL058021STDA	7	1 pair, STD shaft dia: 74,000 mm Width: 25,5 mm
HL058021025A	1	0,250 mm undersize Width: 25,5 mm
HL058021050A	1	0,500 mm undersize Width: 25,5 mm
HL058021075A	1	0,750 mm undersize Width: 25,5 mm
HL058021100A	1	1,000 mm undersize Width: 25,5 mm
2HL058021STDB	7	1 pair, STD shaft dia: 74,000 mm Width: 22,4 mm
HL058021025B	1	0,250 mm undersize Width: 22,4 mm
HL058021050B	1	0,500 mm undersize Width: 22,4 mm
HL058021075B	1	0,750 mm undersize Width: 22,4 mm
HL058021100B	1	1,000 mm undersize Width: 22,4 mm
AL058021STD	1	STD
AL0580210125	1	0,125 mm undersize
AL0580210250	1	0,250 mm undersize
BL058021STD	6	1 pair of bearings, STD shaft dia: 55,000 mm
6BL058021025	1	0,250 mm undersize
6BL058021050	1	0,500 mm undersize
6BL058021075	1	0,750 mm undersize
6BL058021100	1	1,000 mm undersize
PB058021	6	
NL058021STD	1	STD
NL0580210125	1	0,125 mm undersize

REF	Qty/ eng	Remarks
NL0580210250	1	0,250 mm undersize
		
KP058021	1	
BP058021	1	
JC058021	1	
KA058021	12	
SV058021	1	
SA058021	1	
KD058021	1	
		
CB058021	26	
VP058021	1	
BB058021	12	
		
OP058021A	1	Helical angle of gear: 20° 
OP058021B	1	Helical angle of gear: 10° 
WP058021	1	Total height: 117,5 mm Total length: 288,0 mm With gasket 
		
NA058021	1	

For any other engine part, please contact us !



Used for: TOYOTA 12Z

Specifications: **Diesel** · 6 cylinders · Bore: **96,00 mm**

In: **TOYOTA**

Used for: TOYOTA


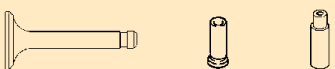
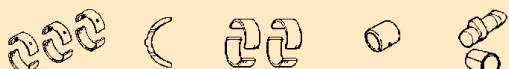
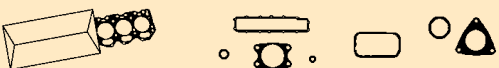
REF	Qty/ eng	Remarks
NT058021A	1	Helical angle of gear: 20°
NT058021B	1	Helical angle of gear: 10°
KT058021A	1	Helical angle of gear: 20°
KT058021B	1	Helical angle of gear: 10°
TT058021A	1	Helical angle of gear: 20°
TT058021B	1	Helical angle of gear: 10°
TT058021C	1	Helical angle of gear: 20°
TT058021D	1	Helical angle of gear: 10°
OF058021	1	
IT058021	6	








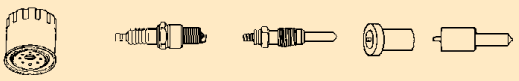


Used for: **TOYOTA 13Z**

Specifications: **Diesel · 6 cylinders · Bore: 98,00 mm**

In: **TOYOTA**

REF	Qty/eng	Remarks
		
PI058023STD	6	STD
PI058023050	6	0,500 mm oversize
PI058023100	6	1,000 mm oversize
PP058023	6	
SE058023STD	1	STD
SE058023050	1	0,500 mm oversize
SE058023100	1	1,000 mm oversize
CH058023	6	Semi-finished
		
IK058023	6	
UK058023	6	
KS058023STD	12	STD
KS058023005	12	0,050 mm oversize
KG058023	12	
		
2HL058023STD	7	STD
HL058023025	1	0,250 mm undersize
HL058023050	1	0,500 mm undersize
HL058023075	1	0,750 mm undersize
HL058023100	1	1,000 mm undersize
AL058023STD	1	STD
AL0580230125	1	0,125 mm undersize
AL0580230250	1	0,250 mm undersize
BL058023STD	6	STD
6BL058023025	1	0,250 mm undersize
6BL058023050	1	0,500 mm undersize
6BL058023075	1	0,750 mm undersize
6BL058023100	1	1,000 mm undersize
PB058023	6	
NL058023STD	1	STD
NL0580230125	1	0,125 mm undersize
NL0580230250	1	0,250 mm undersize
		
KP058023A	1	Up to 30/04/1998
KP058023B	1	From 01/05/1998
BP058023A	1	Up to 30/04/1998
BP058023B	1	From 01/05/1998

REF	Qty/eng	Remarks
JC058023	1	
KA058023	12	
SV058023	1	
SA058023	1	
KD058023	1	
		
CB058023	26	
VP058023	1	
BB058023	12	
BM058023	12	
		
OP058023	1	
WP058023	1	Total height: 119,0 mm Total length: 288,0 mm With gasket 
		
NA058023	1	
NT058023	1	
KT058023	1	
TT058023A	1	Number of teeth: 68, dia: 128,0 mm
TT058023B	1	Number of teeth: 69, dia: 129,4 mm
		
OF058023	1	
IT058023	6	

For any other engine part, please contact us !



Used for: **TOYOTA 14Z**

Specifications: **Diesel · 6 cylinders · Bore: 98,00 mm**

In: **TOYOTA**

Used for: TOYOTA

REF	Qty/ eng	Remarks
PI058022STD	6	STD
PI058022050	6	0,500 mm oversize
PI058022100	6	1,000 mm oversize
SE058022STD	1	STD
SE058022050	1	0,500 mm oversize
SE058022100	1	1,000 mm oversize
CH058022	6	Semi-finished
IK058022	6	
UK058022	6	
KS058022STD	12	STD
KS058022005	12	0,050 mm oversize
KG058022	12	
2HL058022STDA	7	1 pair, STD shaft dia: 74,000 mm, width: 25,5 mm
HL058022025A	1	0,250 mm undersize Width: 25,5 mm
HL058022050A	1	0,500 mm undersize Width: 25,5 mm
HL058022075A	1	0,750 mm undersize Width: 25,5 mm
HL058022100A	1	1,000 mm undersize Width: 25,5 mm
2HL058022STDB	7	1 pair, STD shaft dia: 74,000 mm, width: 22,5 mm
HL058022025B	1	0,250 mm undersize Width: 22,5 mm
HL058022050B	1	0,500 mm undersize Width: 22,5 mm
HL058022075B	1	0,750 mm undersize Width: 22,5 mm
HL058022100B	1	1,000 mm undersize Width: 22,5 mm
AL058022STD	1	STD
AL0580220125	1	0,125 mm undersize
AL0580220250	1	0,250 mm undersize
BL058022STD	6	1 pair of bearings, STD shaft dia: 55,000 mm
6BL058022025	1	0,250 mm undersize
6BL058022050	1	0,500 mm undersize
6BL058022075	1	0,750 mm undersize
6BL058022100	1	1,000 mm undersize
PB058022	6	
NL058022STD	1	STD
NL0580220125	1	0,125 mm undersize

REF	Qty/ eng	Remarks
NL0580220250	1	0,250 mm undersize
KP058022A	1	Up to 31/07/1998
KP058022B	1	From 01/08/1998
BP058022A	1	Up to 31/07/1998
BP058022B	1	From 01/08/1998
JC058022	1	
KA058022	12	
SV058022	1	
SA058022	1	
KD058022	1	
CB058022	26	
VP058022	1	
BB058022	12	
OP058022	1	
WP058022	1	Total height: 117,5 mm Total length: 288,0 mm With gasket
NA058022	1	
NT058022	1	<p style="text-align: center;">TTA NT TTB</p>
KT058022	1	

For any other engine part, please contact us !



Used for: TOYOTA

Used for: **TOYOTA 14Z**

Specifications: **Diesel · 6 cylinders · Bore: 98,00 mm**

In: **TOYOTA**

REF	Qty/ eng	Remarks
TT058022A	1	Number of teeth: 68, dia: 128,0 mm
TT058022B	1	Number of teeth: 69, dia: 129,4 mm
OF058022	1	
IT058022	6	

For any other engine part, please contact us !



Used for: **TOYOTA 1DZ / 1DZII**

Specifications: **Diesel · 4 cylinders · Bore: 86,00 mm**

In: **TOYOTA, CESAB, BT**

Used for: TOYOTA

REF	Qty/ eng	Remarks
PI058009STDA	4	STD; compr, height: 47,0 mm
PI058009050A	4	0,500 mm oversize
PI058009100A	4	1,000 mm oversize
PI058009STDB	4	STD; compr, height: 47,0 mm
PI058009050B	4	0,500 mm oversize
PI058009100B	4	1,000 mm oversize
PI058009STDC	4	STD; compr height: 46,50 mm
PI058009050C	4	0,500 mm oversize
PI058009100C	4	1,000 mm oversize
SE058009STDA	1	STD; for piston A
SE058009050A	1	0,500 mm oversize For piston A
SE058009100A	1	1,000 mm oversize For piston A
SE058009STDB	1	STD; for piston B
SE058009050B	1	0,500 mm oversize For piston B
SE058009100B	1	1,000 mm oversize For piston B
SE058009STDC	1	STD; for piston C
SE058009050C	1	0,500 mm oversize For piston C
SE058009100C	1	1,000 mm oversize For piston C
CH058009C	4	7 series and up, semi-finished liner
IK058009	4	
UK058009	4	
KS058009STD	8	STD
KS058009005	8	0,050 mm oversize
KG058009STD	8	STD
KG058009005	8	0,050 mm oversize
2HL058009STDA	5	STD, shaft dia: 65,00 mm Width: 16,2 mm
HL058009025A	1	0,250 mm undersize Width: 16,2 mm
HL058009050A	1	0,500 mm undersize Width: 16,2 mm
HL058009075A	1	0,750 mm undersize Width: 16,2 mm
HL058009100A	1	1,000 mm undersize Width: 16,2 mm

REF	Qty/ eng	Remarks
2HL058009STDB	5	STD, shaft dia: 65,00 mm Width: 18,2 mm
HL058009025B	1	0,250 mm undersize Width: 18,2 mm
HL058009050B	1	0,500 mm undersize Width: 18,2 mm
HL058009075B	1	0,750 mm undersize Width: 18,2 mm
HL058009100B	1	1,000 mm undersize Width: 18,2 mm
AL058009STDA	1	STD thickness: 2,97 mm
AL0580090125A	1	0,125 mm undersize
AL0580090250A	1	0,250 mm undersize
AL058009STDB	1	STD thickness: 1,96 mm
AL0580090125B	1	0,125 mm undersize
AL0580090250B	1	0,250 mm undersize
BL058009STD	4	1 pair of bearings, STD shaft dia: 55,000 mm
4BL058009025A	1	Undersize: 0,250 mm Width: 20,30 mm
4BL058009050A	1	Undersize: 0,500 mm Width: 20,30 mm
4BL058009025B	1	Undersize: 0,250 mm Width: 19,00 mm
4BL058009075	1	0,750 mm undersize Width: 20.30 mm
4BL058009100	1	1,000 mm undersize Width: 20.30 mm
PB058009	4	
NL058009STD	1	STD
NL0580090125	1	0,125 mm undersize
NL0580090250	1	0,250 mm undersize
KP058009A	1	5 and 6 FD series , with head gasket carbon fibre
KP058009B	1	7 FD series, with head gasket multi-layer steel, with intake manifold gasket B
KP058009C	1	2 TD series, with head gasket carbon fibre
KP058009D	1	7 and 8 series, with head gasket multi-layer steel, with intake manifold gasket A
BP058009A	1	5 and 6 FD series, with head gasket carbon fibre
















For any other engine part, please contact us !



Used for: **TOYOTA 1DZ / 1DZII**

Specifications: **Diesel · 4 cylinders · Bore: 86,00 mm**

In: **TOYOTA, CESAB, BT**

REF	Qty/eng	Remarks	REF	Qty/eng	Remarks
BP058009B	1	7 FD series, with head gasket multi-layer steel, with intake manifold gasket B 	OP058009C	1	Helical angle of gear: 10° Height: 54,90 mm 
BP058009C	1	2 TD series, with head gasket carbon fibre	OP058009D	1	Helical angle of gear: 20° Height: 50,25 mm 
BP058009D	1	7 and 8 series, with head gasket multi-layer steel, with intake manifold gasket A	WP058009A	1	Total height: 146,0 mm Total length: 245,0 mm Without gasket 
JC058009A	1		WP058009B	1	Total height: 174,5 mm Total length: 276,0 mm Without gasket 
JC058009B	1		RW058009B	1	Water pump nose for WP058009B,C,D
KA058009	8		WP058009C	1	Total height: 149,0 mm Total length: 282,0 mm With gasket 
SV058009A	1	62,0 x 45,0 x 8,0 mm	WP058009D	1	Total height: 142,0 mm Total length: 284,0 mm Without gasket 
SV058009B	1	62,0 x 45,0 x 9,0 mm			
SA058009	1		NA058009	1	
KD058009	1				
CB058009	18				
VP058009	1				
BB058009	8				
BM058009	8				
					
OP058009A	1	Helical angle of gear: 20° 			
OP058009B	1	Helical angle of gear: 10° Height: 50,50 mm 			

For any other engine part, please contact us !



Used for: TOYOTA 1DZ / 1DZII

Specifications: Diesel · 4 cylinders · Bore: 86,00 mm

In: TOYOTA, CESAB, BT

REF	Qty/ eng	Remarks
		<p>TTA, TTB NTA, NTB TTC, TTD</p>
NT058009A	1	Helical angle of gear: 20°
NT058009B	1	Helical angle of gear: 10°
KT058009A	1	Helical angle of gear: 20°
KT058009B	1	Helical angle of gear: 10°
KT058009C	1	Helical angle of gear: 10°
TT058009A	1	Idle gear number 1, helical angle of gear: 20°
TT058009B	1	Idle gear number 1, helical angle of gear: 10°
TT058009C	1	Idle gear number 2, helical angle of gear: 20°
TT058009D	1	Idle gear number 2, helical angle of gear: 10°
		<p>HTA, HTB</p>
HT058009A	1	Helical angle of gear: 20°, 5 FD series
HT058009B	1	Helical angle of gear: 10°, 6 FD series
		<p>HTC</p>
HT058009C	1	Helical angle of gear: 10°, 7 FD series
OF058009A	1	Height: 138,0 mm
OF058009B	1	Height: 95,0 mm
GB058009	4	
IT058009	4	



Used for: **TOYOTA 1Z**

Specifications: **Diesel · 4 cylinders · Bore: 96,00 mm**

In: **TOYOTA, MANITOU**

REF	Qty/eng	Remarks
PI058003STD	4	STD
PI058003050	4	0,500 mm oversize
SE058003STD	1	STD
SE058003050	1	0,500 mm oversize
CH058003A	4	Semi-finished
CH058003B	4	Finished
IK058003	4	
UK058003	4	
KS058003STD	8	STD
KS058003005	8	0,050 mm oversize
KG058003	8	
2HL058003STDA	5	STD; shaft dia: 74,000 mm, width: 25,5 mm
HL058003025A	1	0,250 mm undersize Width: 25,5 mm
HL058003050A	1	0,500 mm undersize Width: 25,5 mm
HL058003075A	1	0,750 mm undersize Width: 25,5 mm
HL058003100A	1	1,000 mm undersize Width: 25,5 mm
2HL058003STDB	5	STD; shaft dia: 74,000 mm, width: 22,5 mm
HL058003025B	1	0,250 mm undersize Width: 22,5 mm
HL058003050B	1	0,500 mm undersize Width: 22,5 mm
HL058003075B	1	0,750 mm undersize Width: 22,5 mm
HL058003100B	1	1,000 mm undersize Width: 22,5 mm
AL058003STD	1	STD Thickness: 2,43 - 2,48 mm
AL0580030125	1	0,125 mm undersize
AL0580030250	1	0,250 mm undersize
BL058003STD	4	STD; shaft dia: 55,000 mm
4BL058003025	1	0,250 mm undersize
4BL058003050	1	0,500 mm undersize
4BL058003075	1	0,750 mm undersize
4BL058003100	1	1,000 mm undersize
PB058003	4	

REF	Qty/eng	Remarks
NL058003STDA	1	STD
NL0580030125A	1	0,125 mm undersize
NL0580030250A	1	0,250 mm undersize
NL058003STDB	1	STD
NL0580030125B	1	0,125 mm undersize
NL0580030250B	1	0,250 mm undersize
KP058003	1	With front and rear oil seals, with valve seals
BP058003	1	
JC058003A	1	Thickness: 2,00 mm
JC058003B	1	Thickness: 1,75 mm
KA058003	8	
SV058003	1	
SA058003	1	
KD058003	1	
CB058003	18	
VP058003	1	
BB058003	8	
BM058003	8	

For any other engine part, please contact us !



Used for: **TOYOTA 1Z**

Specifications: **Diesel · 4 cylinders · Bore: 96,00 mm**

In: **TOYOTA, MANITOU**

Used for: **TOYOTA**

REF	Qty/ eng	Remarks
OP058003A	1	Helical angle: 10°
OP058003B	1	Helical angle: 20°
WP058003	1	Total height: 119,0 mm Total length: 288,0 mm With gasket
NA058003	1	
NT058003A	1	Helical angle: 10°
NT058003B	1	Helical angle: 20°
KT058003A	1	Helical angle: 10°
KT058003B	1	Helical angle: 20°
TT058003A	1	Helical angle: 10°
TT058003B	1	Helical angle: 20°
HT058003A	1	Helical angle: 10°
HT058003B	1	Helical angle: 20°
OF058003	1	
IT058003A	4	DLLA 150P35
IT058003B	4	DLLA 150P602




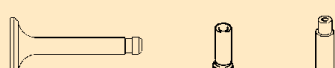







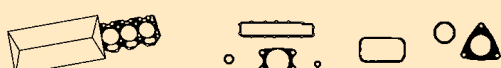


For any other engine part, please contact us !



Used for: TOYOTA 2F

Specifications: **Gasoline · 6 cylinders · Bore: 94,00 mm**

In: **TOYOTA**

REF	Qty/eng	Remarks		REF	Qty/eng	Remarks		
								
PI058019STD	6	STD		KA058019A	12	Total height: 19,0 mm		
PI058019050	6	0,500 mm oversize		KA058019B	12	Total height: 11,8 mm		
PI058019100	6	1,000 mm oversize		SV058019	1			
PI058019150	6	1,500 mm oversize		SA058019	1			
SE058019STD	1	STD		KD058019	1			
SE058019050	1	0,500 mm oversize						
SE058019100	1	1,000 mm oversize		BB058019	12			
SE058019150	1	1,500 mm oversize		BM058019	12			
								
IK058019	6			OP058019A	1			
UK058019	6							
KS058019	12			OP058019B	1			
IG058019	6							
UG058019	6			WP058019A	1	Total height: 146,0 mm Total length: 222,0 mm	Without gasket	
								
HL058019STD	1	STD		WP058019B	1	Total height: 154,0 mm Total length: 370,0 mm	Without gasket	
HL058019025	1	0,250 mm undersize						
HL058019050	1	0,500 mm undersize		WP058019C	1	Total height: 147,0 mm Total length: 248,0 mm	Without gasket	
HL058019075	1	0,750 mm undersize						
HL058019100	1	1,000 mm undersize						
6BL058019STD	1	STD; shaft dia: 54,000 mm						
6BL058019005	1	0,050 mm undersize						
6BL058019025	1	0,250 mm undersize						
6BL058019050	1	0,500 mm undersize						
6BL058019075	1	0,750 mm undersize						
6BL058019100	1	1,000 mm undersize						
NL058019STD	1	STD						
NL0580190125	1	0,125 mm undersize						
NL058019025	1	0,250 mm undersize						
NL058019050	1	0,500 mm undersize						
								
KP058019A	1	With front and rear oil seals, with rubber valve seals						
KP058019B	1	With front and rear oil seals, with valve seals						

For any other engine part, please contact us !



Used for: **TOYOTA 2F**

Specifications: **Gasoline · 6 cylinders · Bore: 94,00 mm**

In: **TOYOTA**

REF	Qty/ eng	Remarks
RW058019A	1	
RW058019B	1	
RW058019C	1	
NA058019	1	
NT058019	1	
KT058019	1	
OF058019	1	
B0058019A	6	W20 EPU
B0058019B	6	W14 EXU
B0058019C	6	W9 EP
B0058019D	6	W16 EXU



Used for: **TOYOTA 2H**

Specifications: **Diesel · 6 cylinders · Bore: 91,00 mm**

In: **TOYOTA**

REF	Qty/eng	Remarks	
6PI058011STDA	1	STD; 3 grooves Height: 100,2 mm d: 27,0 mm	
6PI058011050A	1	0,500 mm oversize 3 grooves; d: 27,0 mm	
PI058011STDB	6	STD; 3 grooves Height: 102,2 mm d: 29,0 mm	
PI058011050B	6	0,500 mm oversize 3 grooves; d: 29,0	
PI058011STDC	6	STD; 4 grooves	
PI058011050C	6	0,500 mm oversize 4 grooves	
PI058011100C	6	1,000 mm oversize 4 grooves	
SE058011STDA	1	STD; for piston A	
SE058011050A	1	0,500 mm oversize For piston A	
SE058011STDB	1	STD; for piston B	
SE058011050B	1	0,500 mm oversize For piston B	
SE058011STDC	1	STD; for piston C	
SE058011050C	1	0,500 mm oversize For piston C	
SE058011100C	1	1,000 mm oversize For piston C	
CH058011A	6	Outer dia: 94,0 mm, semi-finished	
CH058011B	6	Outer dia: 95,0 mm, semi-finished	
CH058011C	6	Outer dia: 94,0 mm, finished	
IK058011A	6	D: 40,5 mm	
IK058011B	6	D: 42,0 mm	
UK058011A	6	D: 33,5 mm	
UK058011B	6	D: 35,0 mm	
KS058011STD	12	STD	
KS058011005	12	0,050 mm oversize	
IG058011A	6	Height: 56,0 mm	
UG058011A	6	Height: 58,1 mm	
KG058011B	12	Height: 59,8 mm	
HL058011STD	1	STD shaft dia: 70,000 mm	
HL058011025	1	0,250 mm undersize	
HL058011050	1	0,500 mm undersize	
HL058011075	1	0,750 mm undersize	
HL058011100	1	1,000 mm undersize	

REF	Qty/eng	Remarks	
AL058011STDA	1	STD shaft dia: 76,250 mm	
AL0580110125A	1	0,125 mm undersize	
AL0580110250A	1	0,250 mm undersize	
AL058011STDB	1	STD shaft dia: 76,250 mm	
AL0580110125B	1	0,125 mm undersize	
AL0580110250B	1	0,250 mm undersize	
6BL058011STDA	1	STD, length: 27,5 mm STD shaft dia: 55,00 mm	
6BL058011025A	1	0,250 mm undersize	
6BL058011050A	1	0,500 mm undersize	
6BL058011075A	1	0,750 mm undersize	
6BL058011100A	1	1,000 mm undersize	
BL058011STDB	6	STD; Max. length: 25,5 mm	
6BL058011025B	1	0,250 mm undersize	
6BL058011050B	1	0,500 mm undersize	
6BL058011075B	1	0,750 mm undersize	
6BL058011100B	1	1,000 mm undersize	
PB058011A	6	STD shaft dia: 27,00 mm	
PB058011B	6	STD shaft dia: 29,00 mm	
NL058011STDA	1	STD	
NL0580110125A	1	0,125 mm undersize	
NL0580110250A	1	0,250 mm undersize	
NL058011STDB	1	STD	
NL0580110125B	1	0,125 mm undersize	
NL0580110250B	1	0,250 mm undersize	
KP058011A	1		
KP058011B	1		
BP058011A	1		
BP058011B	1		
JC058011A	1	Length: 679,5 mm	
JC058011B	1	Length: 686,0 mm	
KA058011A	12		

For any other engine part, please contact us !



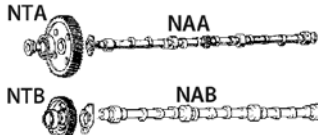
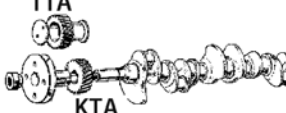
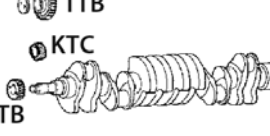





Used for: **TOYOTA 2H**

Specifications: **Diesel · 6 cylinders · Bore: 91,00 mm**

In: **TOYOTA**

REF	Qty/eng	Remarks	
KA058011B	12		
SV058011	1		
SA058011	1		
KD058011A	1	KDA → U	
KD058011B	1	KDB → L	
			
CB058011A	26	Thread: M12 x 1,50 mm	
CB058011B	26	Thread: M12 x 1,25 mm	
CB058011C	26	Thread: M12 x 1,25 mm	
VP058011A	1	Up to 31/08/1980	
VP058011B	1	From 01/09/1980	
BB058011A	12	M11 x 1,00 mm, with nut	
BB058011B	12	M12 x 1,25 mm	
BM058011A	12	M11	
BM058011B	12	M12	
			
OP058011A	1		
OP058011B	1		
OP058011C	1		
WP058011A	1	Total height: 154,0 mm Total length: 294,0 mm	Without gasket 

REF	Qty/eng	Remarks	
WP058011B	1	Total height: 150,0 mm Total length: 283,0 mm	Without gasket 
RW058011	1		
NA058011A	1	Length: 712,0 mm	
NA058011B	1	Length: 712,3 mm	
			
NT058011A	1	Total height: 38,7 mm	
NT058011B	1	Total height: 51,2 mm	
KT058011A	1	Total height: 24,2 mm	
KT058011B	1	Total height: 34,0 mm	
KT058011C	1	Total height: 26,0 mm	
			
TT058011A	1	Number of teeth: 24	
			
TT058011B	1	Number of teeth: 26	
HT058011	1		
			
OF058011A	1	Height: 138,0 mm	
OF058011B	1	Height: 138,0 mm	
GB058011A	6	20,5 V, thread: M10 Total length: 98,0 mm	
GB058011B	6	23 V, thread: M10 Total length: 102,0 mm	
IT058011	6		

For any other engine part, please contact us !



Used for: **TOYOTA 2J**

Specifications: **Diesel · 4 cylinders · Bore: 88,00 mm**

In: **TOYOTA**

REF	Qty/eng	Remarks	
4PI058006STDA	1	STD; 3 grooves	
4PI058006100A	1	1,000 mm oversize 3 grooves	
4PI058006STDB	1	STD; 4 grooves	
4PI058006100B	1	1,000 mm oversize 4 grooves	
4PI058006STDC	1	STD; 5 grooves	
4PI058006100C	1	1,000 mm oversize 5 grooves	
SE058006STDA	1	STD; for piston A	
SE058006100A	1	1,000 mm oversize For piston A	
SE058006STDB	1	STD; for piston B	
SE058006100B	1	1,000 mm oversize For piston B	
SE058006STDC	1	STD; for piston C	
SE058006100C	1	1,000 mm oversize For piston C	
CH058006A	4	Semi-finished	
CH058006B	4	Semi-finished	
CH058006C	4	Finished	
IK058006A	4	Groove: 4,0 mm	
IK058006B	4	Groove: 2,0 mm	
UK058006A	4	Groove: 4,0 mm	
UK058006B	4	Groove: 2,0 mm	
KS058006STD	8	STD	
KS058006005	8	0,050 mm oversize	
IG058006	4		
UG058006	4		
HL058006STD	1	STD shaft dia: 70,000 mm	
HL058006025	1	0,250 mm undersize	
HL058006050	1	0,500 mm undersize	
HL058006075	1	0,750 mm undersize	
HL058006100	1	1,000 mm undersize	
AL058006STD	1	STD shaft dia: 76,250 mm STD thickness: 2,980 mm	
AL0580060125	1	0,125 mm undersize	
AL0580060250	1	0,250 mm undersize	
4BL058006STDA	1	STD shaft dia: 55,000 mm Length: 27,500 mm	
4BL058006025A	1	0,250 mm undersize Length: 27,500 mm	
4BL058006050A	1	0,500 mm undersize Length: 27,500 mm	
4BL058006075A	1	0,750 mm undersize Length: 27,500 mm	
4BL058006100A	1	1,000 mm undersize Length: 27,500 mm	
BL058006STDB	4	STD shaft dia: 55,000 mm Length: 25,500 mm	
4BL058006025B	1	0,250 mm undersize Length: 25,500 mm	
4BL058006050B	1	0,500 mm undersize Length: 25,500 mm	
4BL058006075B	1	0,750 mm undersize Length: 25,500 mm	
4BL058006100B	1	1,000 mm undersize Length: 25,500 mm	
PB058006	4	STD shaft dia: 27,00 mm	
NL058006STDA	1	STD	
NL0580060125A	1	0,125 mm undersize	
NL0580060250A	1	0,250 mm undersize	
NL0580060500A	1	0,500 mm undersize	
NL058006STDB	1	STD	
NL0580060125B	1	0,125 mm undersize	
NL0580060250B	1	0,250 mm undersize	
KP058006A	1	With front and rear oil seals, with valve seals	
KP058006B	1	With front and rear oil seals, no valve seals	
KP058006C	1	With front and rear oil seals, no valve seals	
KP058006D	1	With front and rear oil seals, with valve seals	
BP058006A	1		
BP058006B	1		
JC058006A	1		
JC058006B	1		
KA058006A	8	All rubber	
KA058006B	8	Steel/rubber with spring	
SV058006	1		

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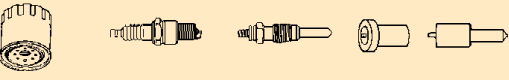




Used for: **TOYOTA 2J**

Specifications: **Diesel · 4 cylinders · Bore: 88,00 mm**

In: **TOYOTA**

REF	Qty/eng	Remarks	
1SA058006A	2	Rope seal	
SA058006B	1	Lip seal	
KD058006A	1		
KD058006B	1		
			
CB058006	18		
VP058006	1		
BB058006	8		
BM058006	8		
			
OP058006A	1		
OP058006B	1		
WP058006A	1	Total height: 128,0 mm Total length: 230,0 mm No fixing bolts for a cover, no head taper screw	With gasket 
WP058006B	1	Total height: 131,0 mm Total length: 229,0 mm No fixing bolts for a cover, with head taper screw	Without gasket 
WP058006C	1	Total height: 134,0 mm Total length: 262,0 mm 6 fixing bolts	With gasket 

REF	Qty/eng	Remarks	
WP058006D	1	Total height: 126,5 mm Total length: 261,0 mm 6 fixing bolts	With gasket 
WP058006E	1	Total height: 142,0 mm Total length: 297,0 mm 5 fixing bolts	Without gasket 
RW058006A	1		
RW058006B	1		
RW058006C	1		
RW058006D	1		
RW058006E	1		
			
NA058006	1		
NT058006A	1	Total height: 24,0 mm	
NT058006B	1		
NT058006C	1	Total height: 28,7 mm	
NT058006D	1	Total height: 38,7 mm	
TT058006	1		
HT058006	1		
			
OF058006A	1		
OF058006B	1		
GB058006A	4	22,5 V, thread: M14 Total length 92,0 mm	
GB058006B	4	8 V, thread: M10 Total length: 102,0 mm	
GB058006C	4	19 V, thread: M10 Total length: 101,0 mm	
GB058006D	4	20,5 V, thread: M10 Total length: 98,0 mm	
GB058006E	4	10,5 V, thread: M10 Total length: 100,0 mm	
IT058006	4		

For any other engine part, please contact us !



Used for: **TOYOTA 2Z**

Specifications: **Diesel · 4 cylinders · Bore: 98,00 mm**

In: **TOYOTA**

REF	Qty/ eng	Remarks
PI058016STDA	4	STD; d: 57,0 mm
PI058016050A	4	0,500 mm oversize d: 57,0 mm
PI058016100A	4	1,000 mm oversize d: 57,0 mm
PI058016STDB	4	STD; d: 52,5 mm
PI058016050B	4	0,500 mm oversize d: 52,5 mm
PI058016100B	4	1,000 mm oversize d: 52,5 mm
SE058016STDA	1	STD; for piston A
SE058016050A	1	0,500 mm oversize
SE058016100A	1	1,000 mm oversize
SE058016STDB	1	STD; for piston B
SE058016050B	1	0,500 mm oversize
SE058016100B	1	1,000 mm oversize
CH058016	4	Semi-finished
IK058016	4	
UK058016	4	
KS058016STD	8	STD
KS058016005	8	0,050 mm oversize
KG058016	8	
2HL058016STD	5	STD
HL058016025	1	0,250 mm undersize
HL058016050	1	0,500 mm undersize
HL058016075	1	0,750 mm undersize
HL058016100	1	1,000 mm undersize
AL058016STD	1	STD
AL0580160125	1	0,125 mm undersize
AL0580160250	1	0,250 mm undersize
BL058016STD	4	STD; shaft dia: 55,000 mm
4BL058016025	1	0,250 mm undersize Engine set
4BL058016050	1	0,500 mm undersize Engine set
4BL058016075	1	0,750 mm undersize Engine set
4BL058016100	1	1,000 mm undersize Engine set
PB058016	4	
NL058016STD	1	STD
NL0580160125	1	0,125 mm undersize
NL0580160250	1	0,250 mm undersize

REF	Qty/ eng	Remarks
KP058016A	1	With front and rear oil seals, with valve seals, with KDA
KP058016B	1	With front and rear oil seals, with valve seals, with KDB
BP058016A	1	With valve seals, with KDA
BP058016B	1	With valve seals, with KDB
JC058016B	1	
KA058016	8	
SV058016	1	
SA058016	1	
KD058016A	1	
KD058016B	1	
CB058016	18	
VP058016	1	
BB058016	8	
BM058016	8	
OP058016	1	
WP058016A	1	Total height: 119,0 mm Total length: 288,0 mm With gasket
WP058016B	1	Total height: 149,0 mm Total length: 285,0 mm Without gasket
RW058016B	1	

For any other engine part, please contact us !



Used for: **TOYOTA 2Z**

Specifications: **Diesel · 4 cylinders · Bore: 98,00 mm**

In: **TOYOTA**

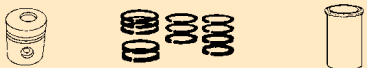

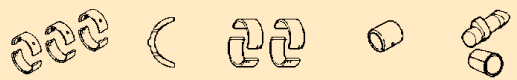
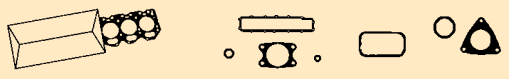


REF	Qty/ eng	Remarks
NA058016	1	
NT058016	1	
KT058016	1	
TT058016A	1	
TT058016B	1	
OF058016A	1	Height: 138,0 mm
OF058016B	1	Height: 95,0 mm
IT058016A	4	DLLA 150P602
IT058016B	4	DLLA 150P700




Used for: TOYOTA 3F

Specifications: **Gasoline · 6 cylinders · Bore: 94,00 mm**

In: **TOYOTA**

REF	Qty/ eng	Remarks
		
PI058020STD	6	STD
PI058020050	6	0,500 mm oversize
PI058020100	6	1,000 mm oversize
PI058020150	6	1,500 mm oversize
SE058020STD	1	STD
SE058020050	1	0,500 mm oversize
SE058020100	1	1,000 mm oversize
SE058020150	1	1,500 mm oversize
		
IK058020	6	
UK058020	6	
KS058020	12	
IG058020	6	
UG058020	6	
		
2HL058020STDA	1	STD; 1st brg: 67,000 mm
2HL058020STDB	1	STD; 2nd brg: 68,500 mm
2HL058020STDC	1	STD; 3rd brg: 70,000 mm
2HL058020STDD	1	STD; 4th brg: 71,500 mm
HL058020025	1	0,250 mm undersize Engine set
HL058020050	1	0,500 mm undersize Engine set
AL058020STD	1	STD thickness: 2,480 mm
AL0580200125	1	0,125 mm undersize
AL0580200250	1	0,250 mm undersize
BL058020STD	6	STD shaft dia: 53,000 mm
6BL058020025	1	0,250 mm undersize
6BL058020050	1	0,500 mm undersize
PB058020	6	
NL058020STD	1	STD
NL058020025	1	0,250 mm undersize
NL058020050	1	0,500 mm undersize
		
KP058020A	1	With front and rear oil seals, with valve seals, with gasket water pump A
		
KP058020B	1	With front and rear oil seals, with valve seals, with gasket water pump B
		

REF	Qty/ eng	Remarks
BP058020	1	
JC058020	1	
KA058020	12	
SV058020	1	
SA058020	1	
KD058020	1	
		
CB058020	15	
BM058020	12	
		
OP058020A	1	
OP058020B	1	
WP058020A	1	Total height: 134,5 mm Total length: 284,0 mm With gasket
		
WP058020B	1	Total height: 157,0 mm Total length: 304,5 mm Without gasket
		
		
NA058020	1	
NT058020	1	
KT058020	1	
		
OF058020	1	
B0058020	6	

For any other engine part, please contact us !



Used for: **TOYOTA 3P**

Specifications: **Gasoline · 4 cylinders · Bore: 76,60 mm**

In: **TOYOTA**

REF	Qty/ eng	Remarks
PI058001STD	4	STD
PI058001025	4	0,250 mm oversize
PI058001050	4	0,500 mm oversize
PI058001075	4	0,750 mm oversize
PI058001100	4	1,000 mm oversize
SE058001STD	1	STD
SE058001025	1	0,250 mm oversize
SE058001050	1	0,500 mm oversize
SE058001075	1	0,750 mm oversize
SE058001100	1	1,000 mm oversize
CH058001	4	Semi-finished
IK058001A	4	2 grooves
IK058001B	4	1 groove
IK058001C	4	2 grooves
UK058001A	4	2 grooves
UK058001B	4	1 groove
UK058001C	4	2 grooves
KS058001STD	8	STD
KS058001005	8	0,050 mm oversize
KG058001	8	
HL058001STD	1	STD shaft dia: 52,000 mm
HL058001025	1	0,250 mm undersize
HL058001050	1	0,500 mm undersize
HL058001075	1	0,750 mm undersize
HL058001100	1	1,000 mm undersize
AL058001STD	1	STD shaft dia: 57,000 mm STD thickness: 2,480 mm
AL0580010125	1	0,125 mm undersize
AL0580010250	1	0,250 mm undersize
4BL058001STD	1	STD shaft dia: 47,000 mm
4BL058001025	1	0,250 mm undersize
4BL058001050	1	0,500 mm undersize
4BL058001075	1	0,750 mm undersize
4BL058001100	1	1,000 mm undersize

REF	Qty/ eng	Remarks
PB058001	4	STD shaft dia: 20,00 mm
NL058001STD	1	STD
NL0580010125	1	0,125 mm undersize
NL0580010250	1	0,250 mm undersize
KP058001A	1	With front and rear oil seal, with valve seals, with valve seal o-ring (6,0 x 1,85 mm)
KP058001B	1	With front and rear oil seal, with valve seals, with valve seal o-ring (6,0 x 3,0 mm)
BP058001A	1	With valve seal o-ring 6,0 x 1,85 mm
BP058001B	1	With valve seal o-ring 6,0 x 3,0 mm
JC058001	1	
KA058001A	8	With o-ring (6,0 x 1,85 mm)
KA058001B	8	With o-ring (6,0 x 3,0 mm)
KA058001C	8	
SV058001	1	
1SA058001	2	
KD058001	1	
CB058001A	1	
CB058001B	1	
VP058001	1	
BB058001	8	
OP058001	1	

For any other engine part, please contact us !




Used for: TOYOTA

Used for: TOYOTA 3P

Specifications: **Gasoline** · **4 cylinders** · Bore: **76,60 mm**

In: **TOYOTA**

REF	Qty/ eng	Remarks	
WP058001A	1	Total height: 122,0 mm Total length: 222,0 mm	Without gasket 
WP058001B	1	Total height: 123,0 mm Total length: 227,0 mm	With gasket 
RW058001	1	Fits both WPA and WPB	
			
NA058001	1		
NT058001	1		
KT058001A	1	32,0 x 72,8 x 25,0 mm	
KT058001B	1	32,0 x 72,7 x 27,0 mm	
			
OF058001	1		
BO058001	4		

For any other engine part, please contact us !



Used for: **TOYOTA 4P**

Specifications: **Gasoline · 4 cylinders · Bore: 76,60 mm**

In: **TOYOTA, KOMATSU**

Used for: TOYOTA

REF	Qty/ eng	Remarks
PI058002STD	4	STD
PI058002050	4	0,500 mm oversize
PI058002100	4	1,000 mm oversize
SE058002STD	1	STD
SE058002050	1	0,500 mm oversize
SE058002100	1	1,000 mm oversize
CH058002	4	Semi-finished
IK058002A	4	2 grooves
IK058002B	4	1 groove
UK058002A	4	2 grooves
UK058002B	4	1 groove
KS058002STD	8	STD
KS058002005	8	0,050 mm oversize
KG058002	8	
HL058002STD	1	STD shaft dia: 52,000 mm
HL058002025	1	0,250 mm undersize
HL058002050	1	0,500 mm undersize
HL058002075	1	0,750 mm undersize
HL058002100	1	1,000 mm undersize
AL058002STD	1	STD shaft dia: 57,000 mm, STD thickness: 2,480 mm
AL0580020125	1	0,125 mm undersize
AL0580020250	1	0,250 mm undersize
4BL058002STD	1	STD shaft dia: 47,000 mm
4BL058002050	1	0,500 mm undersize
4BL058002025	1	0,250 mm undersize
4BL058002075	1	0,750 mm undersize
4BL058002100	1	1,000 mm undersize
PB058002	4	STD shaft dia: 20,00 mm
NL058002STD	1	STD
NL0580020125	1	0,125 mm undersize
NL0580020250	1	0,250 mm undersize

REF	Qty/ eng	Remarks
KP058002A	1	In Toyota with cast iron gear cover, with front and rear oil seal, with valve seals
KP058002B	1	In Toyota with aluminium gear cover, with front and rear oil seal, with valve seals
KP058002C	1	With front and rear oil seal, with valve seals Komatsu FG10/14/15/18-15 FG10N/14N/15N/18N-15 FG10L/14L/15L/18L-15 FG10D/14D/15D/18D-15
BP058002A	1	
BP058002B	1	
JC058002	1	
KA058002A	8	O-ring
KA058002B	8	
SV058002A	1	38,5 x 58,0 x 11 mm
SV058002B	1	45,0 x 62,0 x 8,0 mm
1SA058002	2	
KD058002	1	
CB058002	10	
VP058002	1	
BB058002	8	
OP058002	1	


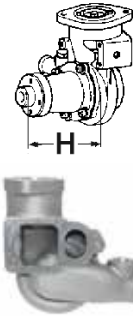






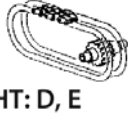
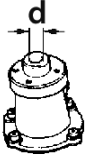
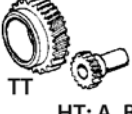
















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Used for: **TOYOTA 4P**

Specifications: **Gasoline · 4 cylinders · Bore: 76,60 mm**

In: **TOYOTA, KOMATSU**

REF	Qty/eng	Remarks		REF	Qty/eng	Remarks	
WP058002A	1	Total height: 134,0 mm Total length: 229,0 mm 4 fixing bolts for the kit	Without gasket Height: 66,0 mm  	NT058002	1		
WP058002B	1	Total height: 142,0 mm Total length: 228,0 mm 4 fixing bolts for the kit	Without gasket Height: 90,0 mm  	KT058002A	1	Number of teeth: 25, 32,0 x 73,0 x 25,0 mm	
WP058002C	1	Total height: 143,0 mm Total length: 230,0 mm 4 fixing bolts for the kit	Without gasket Height: 72,0 mm  	KT058002B	1	Number of teeth: 25, 32,0 x 73,0 x 27,0 mm	
WP058002D	1	Total height: 142,0 mm Total length: 240,0 mm 5 fixing bolts for the kit	Without gasket  	KT058002C	1	Number of teeth: 23, 31,5 x 66,5 x 33,0 mm	 HT: D, E
RW058002A	1	d: 12,0 mm		 TT HT: A, B	TT058002	1	
RW058002B	1	d: 16,0 mm		HT058002A	1	Length: 86,0 mm Number of splines: 10	 n=qty.   L
RW058002C	1	d: 16,0 mm		HT058002B	1	Length: 77,0 mm Number of splines: 16	
RW058002D	1		HT058002D	1	Length: 108,0 mm Number of splines: 10		
			HT058002E	1	Length: 99,0 mm Number of splines: 16		
				HK058002A	1		
				HK058002B	1		
							
OF058002	1						
B0058002	4						
NA058002A	1						
NA058002B	1	Toyota 5FG10,14,15,18					
							
							
							

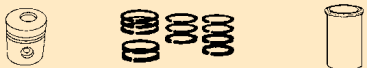
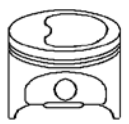
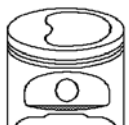

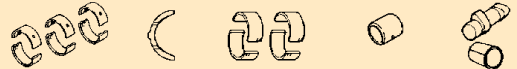
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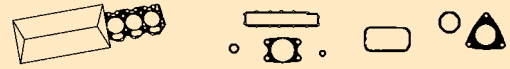

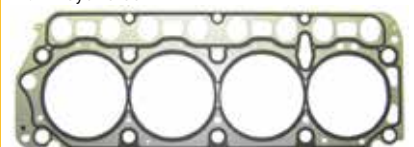
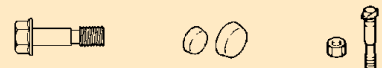


Used for: **TOYOTA 4Y**

Specifications: **Gasoline · 4 cylinders · Bore: 91,00 mm**

In: **TOYOTA, CESAB, TCM, BT**

REF	Qty/ eng	Remarks
		
PI058007STDA	4	STD
PI058007050A	4	0,500 mm oversize
PI058007STDB	4	STD
PI058007050B	4	0,500 mm oversize
		
PI058007STDB	4	STD
PI058007050B	4	0,500 mm oversize
		
SE058007STDA	1	STD, for piston A
SE058007050A	1	0,500 mm oversize For piston A
SE058007STDB	1	STD, for piston B
SE058007050B	1	0,500 mm oversize For piston B
		
IK058007	4	
UK058007	4	
KS058007	8	
IG058007STD	4	STD
IG058007005	4	0,050 mm oversize
UG058007STD	4	STD
UG058007005	4	0,050 mm oversize
		
HL058007STDA	1	All 5 pairs of bearings are 20,7 mm wide, STD shaft dia: 58,0 mm
HL058007025A	1	0,250 mm undersize
HL058007050A	1	0,500 mm undersize
HL058007075A	1	0,750 mm undersize
HL058007100A	1	1,000 mm undersize
HL058007STDB	1	1 pair of bearing: 22,7 mm wide, STD shaft dia: 58,0 mm
HL058007025B	1	0,250 mm undersize
AL058007STD	1	STD shaft dia: 64,3 mm, STD thickness: 2,490 mm
AL0580070250	1	0,250 mm undersize
BL058007STD	4	STD shaft dia: 48,000 mm
BL058007025	4	0,250 mm undersize
4BL058007025	1	0,250 mm undersize
4BL058007050	1	0,500 mm undersize
4BL058007075	1	0,750 mm undersize
4BL058007100	1	1,000 mm undersize
NL058007STD	1	STD

REF	Qty/ eng	Remarks
NL0580070125	1	0,125 mm undersize
NL0580070250	1	0,250 mm undersize
		
KP058007A	1	With front and rear oil seals, with valve seals, with SV058007A, with JCA
KP058007B	1	With front and rear oil seals, with valve seals, with SV058007B, with JCA
KP058007C	1	With oil seal front, with SV058007C, with JCA
KP058007D	1	With oil seal front, with SV058007C, with JCB
BP058007A	1	5 and 6 series With head gasket carbon fibre
BP058007B	1	7 series and up With head gasket multi- layer steel
JC058007A	1	Carbon fibre
		
JC058007B	1	Multi-layer steel
		
KA058007	8	
SV058007A	1	78,0 x 60,0 x 10,0 mm
SV058007B	1	2 5/8" x 1 15/16" x 5/16"
SV058007C	1	66,0 x 49,8 x 8,0 mm
SA058007A	1	100,0 x 80,0 x 10,0 mm
SA058007B	1	100,0 x 80,0 x 8,5 mm
KD058007	1	
		
CB058007	10	
VP058007	1	
BB058007	8	
BM058007	8	

For any other engine part, please contact us !



Used for: **TOYOTA 4Y**

Specifications: **Gasoline · 4 cylinders · Bore: 91,00 mm**

In: **TOYOTA, CESAB, TCM, BT**

REF	Qty/eng	Remarks
OP058007	1	
WP058007A	1	Total height: 130,0 mm Total length: 216,0 mm 5 and 6 series
WP058007B	1	Total height: 126,0 mm Total length: 256,0 mm 7 series and up
RW058007A	1	5 and 6 series
RW058007B	1	7 series and up
NA058007A	1	5FG10,14,15,18
NA058007B	1	5FG20,23,25,28,30
NT058007A	1	For double chain
NT058007B	1	For single chain
KT058007AA	1	For double chain
KT058007AB	1	For single chain
KT058007B	1	With gears for hydraulic pump
KT058007C	1	With chain for hydraulic pump

REF	Qty/eng	Remarks
KT058007CA	1	H1: 68,0 mm, B1: 22,8 mm
KT058007CB	1	H1: 68,0 mm, B1: 16,5 mm
KT058007CC	1	H1: 59,0 mm, B1: 16,8 mm
TT058007	1	
HT058007A	1	With gears
HT058007B	1	With chain
HT058007BA	1	B1: 23,0 mm, d: 14,0 mm
HT058007BB	1	B1: 16,7 mm, d: 14,5 mm
HT058007BC	1	B1: 16,6 mm, d: 14,7 mm
DK058007A	1	Double chain
DK058007B	1	Single chain
SK058007A	1	Width: 27,0 mm
SK058007B	1	Width: 21,0 mm
SK058007C	1	
HK058007A	1	Width: 27,0 mm
HK058007B	1	Width: 21,0 mm
OF058007A	1	Height: 125,0 mm
OF058007B	1	Height: 85,0 mm
B0058007A	4	W20EXU
B0058007B	4	W9EXRU

For any other engine part, please contact us !



Used for: **TOYOTA 5K**

Specifications: **Gasoline · 4 cylinders · Bore: 80,50 mm**

In: **TOYOTA, KOMATSU**

REF	Qty/eng	Remarks
PI058008STD	4	STD
PI058008050	4	0,500 mm oversize
SE058008STD	1	STD
SE058008050	1	0,500 mm oversize
IK058008	4	
UK058008	4	
KS058008	8	
KG058008STD	8	STD
KG058008005	8	0,050 mm oversize
2HL058008STD	5	STD shaft dia: 50,000 mm
HL058008025	1	0,250 mm undersize
HL058008050	1	0,500 mm undersize
AL058008STDA	1	STD shaft dia: 55,250 mm, width: 67,5 mm
AL0580080125A	1	0,125 mm undersize Width: 67,5 mm
AL0580080250A	1	0,250 mm undersize Width: 67,5 mm
AL058008STDB	1	STD shaft dia: 55,250 mm, width: 76,0 mm
AL0580080125B	1	0,125 mm undersize Width: 76,0 mm
BL058008STD	4	STD shaft dia: 42,000 mm
4BL058008025	1	0,250 mm undersize
4BL058008050	1	0,500 mm undersize
4BL058008075	1	0,750 mm undersize
PB058008	4	
NL058008STD	1	STD
NL0580080125	1	0,125 mm undersize
NL0580080250	1	0,250 mm undersize
KP058008A	1	With front and rear oil seal, with valve seals, for 6-series
KP058008B	1	For 7 series
BP058008A	1	For 6 series
BP058008B	1	For 7 series
JC058008	1	

REF	Qty/eng	Remarks
KA058008	8	
SV058008A	1	66,0 x 49,8 x 8,0 mm
SV058008B	1	66,0 x 49,8 x 8,0 mm, from 01/01/1998, high temperature
SA058008A	1	92,0 x 70,0 x 8,5 mm
SA058008B	1	92,0 x 70,0 x 8,5 mm, from 01/01/1998, high temperature
KD058008	1	
CB058008	10	
VP058008	1	
BB058008	8	With nut
OP058008	1	
WP058008A	1	Total height: 146,0 mm Total length: 245,0 mm With repair kit, dia: 52,0 mm
WP058008B	1	Total height: 174,5 mm Total length: 276,0 mm With repair kit, dia: 68,0 mm
RW058008A	1	D: 52,0 mm
RW058008B	1	D: 68,0 mm
NA058008	1	



For any other engine part, please contact us !



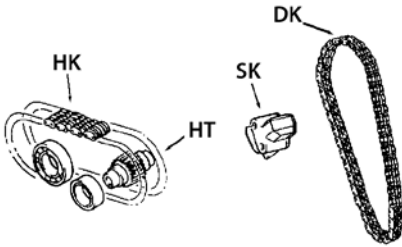



Used for: TOYOTA

Used for: TOYOTA 5K

Specifications: **Gasoline** · **4 cylinders** · Bore: **80,50 mm**

In: **TOYOTA, KOMATSU**

REF	Qty/ eng	Remarks	
NT058008	1		
KT058008A	1	Total height: 25,0 mm	
KT058008B	1	Total height: 68,5 mm	
			
HT058008	1		
DK058008	1		
SK058008A	1	For 6 series	
SK058008B	1	For 7 series	
HK058008	1		
			
OF058008A	1	Height: 77,0 mm	
OF058008B	1	Height: 85,0 mm	
B0058008	4		

For any other engine part, please contact us !



Used for: **TOYOTA 5P**

Specifications: **Gasoline · 4 cylinders · Bore: 93,00 mm**

In: **TOYOTA**

REF	Qty/ eng	Remarks
PI058005STD	4	STD
PI058005050	4	0,500 mm oversize
PI058005100	4	1,000 mm oversize
SE058005STD	1	STD
SE058005050	1	0,500 mm oversize
SE058005100	1	1,000 mm oversize
IK058005	4	
UK058005	4	
KS058005STD	8	STD
KS058005005	8	0,050 mm oversize
KG058005	8	
HL058005STD	1	STD shaft dia: 70,000 mm
HL058005025	1	0,250 mm undersize
HL058005050	1	0,500 mm undersize
HL058005075	1	0,750 mm undersize
HL058005100	1	1,000 mm undersize
AL058005STD	1	STD shaft dia: 76,250 mm, STD thickness: 2,980 mm
AL0580050125	1	0,125 mm undersize
AL0580050250	1	0,250 mm undersize
4BL058005STDA	1	STD shaft dia: 55,000 mm Length: 27,5 mm
4BL058005025A	1	0,250 mm undersize Length: 27,5 mm
4BL058005050A	1	0,500 mm undersize Length: 27,5 mm
4BL058005075A	1	0,750 mm undersize Length: 27,5 mm
4BL058005100A	1	1,000 mm undersize Length: 27,5 mm
BL058005STDB	4	STD shaft dia: 55,000 mm, Length: 25,500 mm
4BL058005025B	1	0,250 mm undersize Length: 25,5 mm
4BL058005050B	1	0,500 mm undersize Length: 25,5 mm
4BL058005075B	1	0,750 mm undersize length: 25,5 mm
4BL058005100B	1	1,000 mm undersize Length: 25,5 mm
PB058005	4	STD shaft dia: 27,000 mm
NL058005STD	1	STD
NL0580050125	1	0,125 mm undersize
NL0580050250	1	0,250 mm undersize

REF	Qty/ eng	Remarks
KP058005	1	With front and rear oil seal, with valve seals
BP058005	1	
JC058005	1	
KA058005	8	
SV058004	1	72,0 x 50,0 x 12,0 mm
SA058004	1	
KD058005	1	
CB058005	18	
VP058005	1	
BB058005	8	
BM058005	8	
OP058005A	1	
OP058005B	1	
WP058005A	1	Total height: 134,0 mm Total length: 262,0 mm Without gasket Flange dia: 67,4 mm

For any other engine part, please contact us !


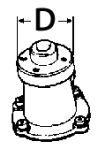




Used for: TOYOTA

Used for: TOYOTA 5P

Specifications: **Gasoline** · **4 cylinders** · Bore: **93,00 mm**

In: **TOYOTA**

REF	Qty/ eng	Remarks
WP058005B	1	Total height: 126,0 mm Total length: 263,0 mm  Without gasket Flange dia: 52,0 mm
RW058005A	1	
RW058005B	1	
		
NA058005	1	
KT058005	1	
TT058005	1	
HT058005	1	
		
OF058005	1	
B0058005	4	

For any other engine part, please contact us !

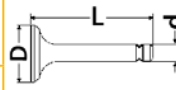


Used for: **TOYOTA 5R**

Specifications: **Gasoline · 4 cylinders · Bore: 88,00 mm**

In: **TOYOTA**

REF	Qty/eng	Remarks
PI058004STD	4	STD
PI058004025	4	0,250 mm oversize
PI058004050	4	0,500 mm oversize
PI058004075	4	0,750 mm oversize
PI058004100	4	1,000 mm oversize
PI058004125	4	1,250 mm oversize
PI058004150	4	1,500 mm oversize
SE058004STD	1	STD
SE058004025	1	0,250 mm oversize
SE058004050	1	0,500 mm oversize
SE058004075	1	0,750 mm oversize
SE058004100	1	1,000 mm oversize
SE058004125	1	1,250 mm oversize
SE058004150	1	1,500 mm oversize
IK058004A	4	2 grooves, L: 124,8 mm, d: 8,99 mm, D: 42,1 mm
IK058004B	4	2 grooves, L: 109,5 mm, d: 8,49 mm, D: 43,0 mm
IK058004C	4	1 groove, L: 109,3 mm, d: 8,45 mm, D: 43,0 mm
UK058004A	4	2 grooves, L: 124,9 mm, d: 8,97 mm, D: 35,2 mm
UK058004B	4	2 grooves, L: 109,5 mm, d: 8,48 mm, D: 37,0 mm
UK058004C	4	1 groove, L: 110,0 mm, d: 8,44 mm, D: 37,0 mm
KS058004STD	8	STD
KS058004005	8	0,050 mm oversize
KG058004A	8	Length: 61,0 mm
KG058004B	8	Length: 50,2 mm
KG058004C	8	Length: 53,0 mm



REF	Qty/eng	Remarks
HL058004STDA	1	STD shaft dia: 60,000 mm, flanged
HL058004005A	1	0,050 mm undersize; flanged
HL058004025A	1	0,250 mm undersize; flanged
HL058004050A	1	0,500 mm undersize; flanged
HL058004075A	1	0,750 mm undersize; flanged
HL058004100A	1	1,000 mm undersize; flanged
HL058004STDB	1	STD shaft dia: 60,000 mm, straight
HL058004005B	1	0,050 mm undersize; straight
HL058004025B	1	0,250 mm undersize; straight
HL058004050B	1	0,500 mm undersize; straight
HL058004075B	1	0,750 mm undersize; straight
HL058004100B	1	1,000 mm undersize; straight
AL058004STDB	1	STD shaft dia: 66,250 mm, STD thickness: 3,990 mm
AL0580040125B	1	0,125 mm undersize
AL0580040250B	1	0,250 mm undersize
4BL058004STD	1	STD shaft dia: 55,000 mm
4BL058004005	1	0,050 mm undersize
4BL058004025	1	0,250 mm undersize
4BL058004050	1	0,500 mm undersize
4BL058004075	1	0,750 mm undersize
4BL058004100	1	1,000 mm undersize
4BL058004125	1	1,250 mm undersize
4BL058004150	1	1,500 mm undersize
PB058004	4	STD shaft dia: 22,009 mm
NL058004STD	1	STD
NL0580040125	1	0,125 mm undersize
NL0580040250	1	0,250 mm undersize


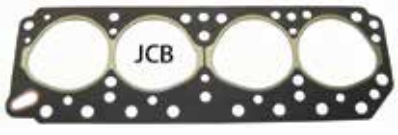
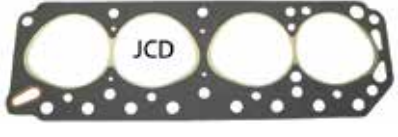




For any other engine part, please contact us !



Used for: **TOYOTA 5R**

Specifications: **Gasoline · 4 cylinders · Bore: 88,00 mm**

In: **TOYOTA**

REF	Qty/eng	Remarks	
KP058004A	1	With front and rear oil seals, with valve seals	
KP058004B	1	With front and rear oil seals, with valve seals	
KP058004C	1	With front and rear oil seals, with valve seals	
KP058004D	1	With front and rear oil seals, with valve seals	
KP058004E	1	With front and rear oil seals, with valve seals	
BP058004A	1		
BP058004B	1		
BP058004C	1		
BP058004D	1		
BP058004E	1		
JC058004A	1	A	
JC058004B	1	B, C	
JC058004D	1	D, E	
KA058004A	8	O-ring	
KA058004D	8		
SV058004A	1	58,0 x 38,5 x 11,0 mm	
SV058004B	1	68,0 x 45,0 x 12,0 mm	
SA058004	1		
KD058004A	1	Length: 440,0 mm	
KD058004B	1	Length: 450,0 mm	
			
CB058004	10		
VP058004	1		
BB058004	8		
BM058004	8		

REF	Qty/eng	Remarks	
			
OP058004	1		
WP058004A	1	Total height: 140,0 mm Total length: 254,0 mm	Without gasket 
WP058004B	1	Total height: 130,0 mm Total length: 225,0 mm	Without gasket 
WP058004C	1	Total height: 130,0 mm Total length: 264,0 mm	Without gasket 
WP058004D	1	Total height: 123,0 mm Total length: 196,0 mm	With gasket 
RW058004A	1		
RW058004B	1		
RW058004C	1		
			
NA058004A	1	For a sprocket, chain	
NA058004B	1	For a gear	

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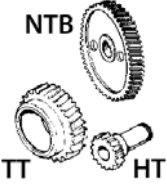



Used for: TOYOTA 5R

Specifications: **Gasoline** · **4 cylinders** · Bore: **88,00 mm**

In: **TOYOTA**

Used for: TOYOTA


REF	Qty/ eng	Remarks	
NT058004A	1	Sprocket camshaft, chain	
NT058004B	1		
KT058004A	1	Number of teeth: 25	
KT058004B	1	Sprocket, number of teeth: 21	
KT058004C	1	Number of teeth: 21	
TT058004	1		
HT058004	1		
DK058004	1		
SK058004	1		
			
OF058004	1		
B0058004A	4		

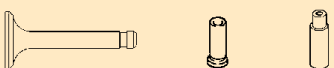
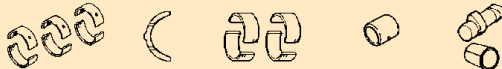
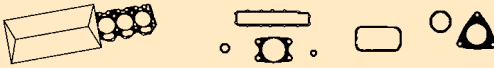




Used for: **TOYOTA F**

Specifications: **Gasoline · 6 cylinders · Bore: 90,00 mm**

In: **TOYOTA**

REF	Qty/eng	Remarks
		
PI058018STDA	6	STD; rings 3 - 3 - 4 - 4 mm
PI058018025A	6	0,250 mm oversize Rings 3 - 3 - 4 - 4 mm
PI058018050A	6	0,500 mm oversize Rings 3 - 3 - 4 - 4 mm
PI058018075A	6	0,750 mm oversize Rings 3 - 3 - 4 - 4 mm
PI058018100A	6	1,000 mm oversize Rings 3 - 3 - 4 - 4 mm
PI058018125A	6	1,250 mm oversize Rings 3 - 3 - 4 - 4 mm
PI058018150A	6	1,500 mm oversize Rings 3 - 3 - 4 - 4 mm
PI058018STDB	6	STD; rings 2 - 2,5 - 4 - 4
PI058018025B	6	0,250 mm oversize Rings 2 - 2,5 - 4 - 4 mm
PI058018050B	6	0,500 mm oversize Rings 2 - 2,5 - 4 - 4 mm
PI058018075B	6	0,750 mm oversize Rings 2 - 2,5 - 4 - 4 mm
PI058018100B	6	1,000 mm oversize Rings 2 - 2,5 - 4 - 4 mm
PI058018150B	6	1,500 mm oversize Rings 2 - 2,5 - 4 - 4 mm
SE058018STDA	1	STD, for piston A
SE058018025A	1	0,250 mm oversize For piston A
SE058018050A	1	0,500 mm oversize For piston A
SE058018075A	1	0,750 mm oversize For piston A
SE058018100A	1	1,000 mm oversize For piston A
SE058018125A	1	1,250 mm oversize For piston A
SE058018150A	1	1,500 mm oversize For piston A
SE058018STDB	1	STD, for piston B
SE058018025B	1	0,250 mm oversize For piston B
SE058018050B	1	0,500 mm oversize For piston B
SE058018075B	1	0,750 mm oversize For piston B
SE058018100B	1	1,000 mm oversize For piston B
SE058018125B	2	1,250 mm oversize For piston B
SE058018150B	1	1,500 mm oversize For piston B
CH058018160	6	1,600 mm oversize
CH058018180	6	1,800 mm oversize
CH058018200	6	2,000 mm oversize

REF	Qty/eng	Remarks
		
IK058018	6	
UK058018	6	
KS058018	12	
IG058018	6	
UG058018	6	
		
HL058018STDA	1	STD
HL058018025A	1	0,250 mm undersize
HL058018050A	1	0,500 mm undersize
HL058018075A	1	0,750 mm undersize
HL058018100A	1	1,000 mm undersize
HL058018STDB	1	STD
HL058018025B	1	0,250 mm undersize
HL058018050B	1	0,500 mm undersize
HL058018075B	1	0,750 mm undersize
HL058018100B	1	1,000 mm undersize
6BL058018STD	1	STD shaft dia: 54,000 mm
6BL058018025	1	0,250 mm undersize
6BL058018050	1	0,500 mm undersize
6BL058018075	1	0,750 mm undersize
6BL058018005	1	0,050 mm undersize
6BL058018100	1	1,000 mm undersize
NL058018STD	1	STD
NL058018025	1	0,250 mm undersize
NL058018050	1	0,500 mm undersize
NL0580180125	1	0,125 mm undersize
		
KP058018A	1	With front and rear oil seals, with valve seals
KP058018B	1	With front and rear oil seals, with valve seals
BP058018A	1	
BP058018B	1	
JC058018A	1	
JC058018B	1	

For any other engine part, please contact us !



Used for: TOYOTA F

Specifications: **Gasoline** · **6 cylinders** · Bore: **90,00 mm**

In: **TOYOTA**

Used for: TOYOTA

REF	Qty/ eng	Remarks	
KA058018	12		
SA058018	1		
KD058018	1		
BB058018	12		
BM058018	12		
OP058018	1		
WP058018	1	Total height: 142,0 mm Total length: 220,0 mm	Without gasket
RW058018	1		
NA058018	1		
NT058018	1		
KT058018	1		
OF058018	1		
B0058018	6		



Used for: **TOYOTA H**

Specifications: **Diesel · 6 cylinders · Bore: 88,00 mm**

In: **TOYOTA**

REF	Qty/eng	Remarks	
6PI058012STDA	1	STD; 5 rings/piston	
6PI058012100A	1	1,000 mm oversize 5 rings/piston	
6PI058012STDB	1	STD; 3 rings/piston	
6PI058012100B	1	1,000 mm oversize 3 rings/piston	
SE058012STDA	1	STD; for piston A	
SE058012100A	1	1,000 mm oversize For piston A	
SE058012STDB	1	STD; for piston B	
SE058012100B	1	1,000 mm oversize For piston B	
CH058012A	6	Finished, with collar	
CH058012B	6	Semi-finished, without collar	
IK058012	6		
UK058012	6		
KS058012STD	12	STD	
KS058012005	12	0,050 mm oversize	
IG058012	6		
UG058012	6		
HL058012STD	1	STD shaft dia: 70,000 mm	
HL058012025	1	0,250 mm undersize	
HL058012050	1	0,500 mm undersize	
HL058012075	1	0,750 mm undersize	
HL058012100	1	1,000 mm undersize	
AL058012STD	1	STD shaft dia: 76,250 mm	
AL0580120125	1	0,125 mm undersize	
AL0580120250	1	0,250 mm undersize	
6BL058012STD	1	STD shaft dia: 55,000 mm	
6BL058012025	1	0,250 mm undersize	
6BL058012050	1	0,500 mm undersize	
6BL058012100	1	1,000 mm undersize	
PB058012	6		
NL058012STDA	1	140° between holes	
NL0580120125A	1	0,125 mm undersize	
NL0580120250A	1	0,250 mm undersize	
NL0580120500A	1	0,500 mm undersize	
NL058012STDB	1	80° between holes	
NL0580120125B	1	0,125 mm undersize	
NL0580120250B	1	0,250 mm undersize	

REF	Qty/eng	Remarks	
KP058012A	1	With front and rear oil seals, with valve seals	
KP058012B	1	With front and rear oil seals, with valve seals	
KP058012C	1	With front and rear oil seals, with valve seals	
BP058012A	1		
BP058012C	1		
JC058012A	1		
JC058012C	1		
KA058012	12		
KD058012	1		
CB058012A	6	Thread: M10 Total length: 115,5 mm	
CB058012B	14	Thread: M13 Total length: 123,0 mm	
VP058012	1		
BB058012	12		
BM058012	12		
OP058012	1		
WP058012A	1	Total height: 145,0 mm Total length: 267,0 mm	

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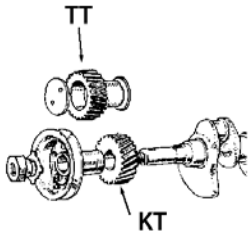



Used for: **TOYOTA H**

Specifications: **Diesel · 6 cylinders · Bore: 88,00 mm**

In: **TOYOTA**

Used for: **TOYOTA**

REF	Qty/ eng	Remarks	
WP058012C	1	Total height: 145,0 mm Total length: 280,0 mm Open	Without gasket 
RW058012A	1	For WPA	
RW058012B	1	For WPB and WPC	
			
NA058012	1		
NT058012	1		NT 
KT058012	1		
TT058012	1		
			
OF058012	1		
GB058012A	6	22,5 V, thread: M14 Total length: 92,0 mm	
GB058012B	6	19 V, thread: M10 Total length: 101,0 mm	
GB058012C	6	20,5 V, thread: M10 Total length: 98,0 mm	
IT058012	6		



Used for: **TOYOTA V1502**

Specifications: **Diesel · 4 cylinders · Bore: 76,00 mm**

In: **TOYOTA, NISSAN**

REF	Qty/eng	Remarks
4PI058013STD	1	STD
4PI058013050	1	0,500 mm oversize
SE058013STD	1	STD
SE058013050	1	0,500 mm oversize
CH058013	4	Semi-finished
IK058013	4	
UK058013	4	
KS058013	8	
IG058013	4	
UG058013	4	
HL058013STDA	1	Set of 4 pair, STD shaft dia: 52,0 mm
HL058013020A	1	0.020" undersize
HL058013040A	1	0.040" undersize
HL058013STDB	1	Front bearing, STD shaft dia: 52,0 mm
HL058013020B	1	0.020" undersize
HL058013040B	1	0.040" undersize
2AL058013STD	2	STD
2AL058013020	2	0.020" undersize
2AL058013040	2	0.040" undersize
4BL058013STD	1	STD shaft dia: 44,05 mm
4BL058013020	1	0.020" undersize
4BL058013040	1	0.040" undersize
PB058013	4	
KP058013	1	With front and rear oil seals, with valve seals
BP058013	1	

REF	Qty/eng	Remarks
JC058013	1	
KA058013	8	
SV058013	1	
SA058013	1	
KD058013	1	
CB058013	16	
VP058013	1	
BB058013	8	
OP058013	1	
WP058013A	1	Total height: 112,0 mm Total length: 303,0 mm d: 62,8 mm With gasket
WP058013B	1	Total height: 117,5 mm Total length: 108,0 mm d: 52,3 mm Without gasket
WP058013C	1	Total height: 115,6 mm Total length: 118,0 mm d: 63,0 mm Without gasket

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Used for: TOYOTA V1502

Specifications: Diesel · 4 cylinders · Bore: 76,00 mm

In: TOYOTA, NISSAN

REF	Qty/ eng	Remarks	
NA058013	1	With gear	
NT058013	1		
KT058013	1		
TT058013	1		
OF058013A	1	Height: 133,0 mm	
OF058013B	1	Height: 118,0 mm	
GB058013	4		
IT058013	4		



Used for: TOYOTA V1512

Specifications: Diesel · 4 cylinders · Bore: 76,30 mm

In: TOYOTA

REF	Qty/eng	Remarks
4PI058015STD	1	STD
4PI058015050	1	0,500 mm oversize
1SE058015STD	4	STD
1SE058015050	4	0,500 mm oversize
CH058015	4	Semi-finished
IK058015	4	
UK058015	4	
KS058015	8	
IG058015	4	
UG058015	4	
HL058015STDA	1	STD set of 4 pair
HL058015020A	1	0.020" undersize
HL058015040A	1	0.040" undersize
HL058015STDB	1	STD; front bearing
HL058015020B	1	0.020" undersize
HL058015040B	1	0.040" undersize
2AL058015STD	2	STD
2AL058015020	2	0.020" undersize
2AL058015040	2	0.040" undersize
4BL058015STD	1	STD
4BL058015020	1	0.020" undersize
4BL058015040	1	0.040" undersize
PB058015	4	
KP058015	1	With front and rear oil seals, with valve seals, with JCA
BP058015	1	With JCA

REF	Qty/eng	Remarks
JC058015A	1	
JC058015B	1	
KA058015	8	
SV058015	1	
SA058015	1	
KD058015	1	
CB058015	18	
VP058015	1	
BB058015	8	
OP058015	1	
WP058015	1	Total height: 117,5 mm Total length: 108,0 mm Without gasket
NA058015	1	With gear
NT058015	1	
KT058015	1	
TT058015	1	
OF058015	1	
GB058015	4	
IT058015	4	

For any other engine part, please contact us !



Used for: **TOYOTA V1512T**

Specifications: **Diesel · 4 cylinders · Bore: 76,30 mm**

In: **TOYOTA**

REF	Qty/eng	Remarks
4PI058017STD	1	STD
4PI058017050	1	0,500 mm oversize
1SE058017STD	4	STD
1SE058017050	4	0,500 mm oversize
CH058017	4	Semi-finished
IK058017	4	
UK058017	4	
KS058017	8	
IG058017	4	
UG058017	4	
HL058017STDA	1	STD; set of 4 pair
HL058017020A	1	0.020" undersize
HL058017040A	1	0.040" undersize
HL058017STDB	1	STD; front bearing
HL058017020B	1	0.020" undersize; front
HL058017040B	1	0.040" undersize; front
2AL058017STD	2	STD
2AL058017020	2	0.020" undersize
2AL058017040	2	0.040" undersize
4BL058017STD	1	STD
4BL058017020	1	0.020" undersize
4BL058017040	1	0.040" undersize
PB058017	4	
KP058017	1	With front and rear oil seals, with valve seals
BP058017	1	

REF	Qty/eng	Remarks
JC058017	1	
KA058017	8	
SV058017	1	
SA058017	1	
KD058017	1	
CB058017	18	
BB058017	8	
OP058017	1	
WP058017	1	Total height: 117,5 mm Total length: 108,0 mm Without gasket
NA058017	1	With gear
NT058017	1	
KT058017	1	
OF058017	1	
GB058017	4	
IT058017	4	

For any other engine part, please contact us !



Used for: **TOYOTA VT1502**

Specifications: **Diesel · 4 cylinders · Bore: 76,00 mm**

In: **TOYOTA, TCM**

REF	Qty/eng	Remarks
4PI058014STD	1	STD
4PI058014050	1	0,500 mm oversize
SE058014STD	1	STD
SE058014050	1	0,500 mm oversize
CH058014	4	Semi-finished
IK058014	4	
UK058014	4	
KS058014	8	
IG058014	4	
UG058014	4	
HL058014STDA	1	Set of 4 pair, STD shaft dia: 52,0 mm
HL058014020A	1	0.020" undersize
HL058014040A	1	0.040" undersize
HL058014STDB	1	Front bearing, STD shaft dia: 52,0 mm
HL058014020B	1	0.020" undersize; front
HL058014040B	1	0.040" undersize; front
2AL058014STD	2	STD
2AL058014020	2	0.020" undersize
2AL058014040	2	0.040" undersize
4BL058014STD	1	STD shaft dia: 44,05 mm
4BL058014020	1	0.020" undersize
4BL058014040	1	0.040" undersize
PB058014	4	
KP058014	1	With front and rear oil seals, with valve seals
BP058014	1	

REF	Qty/eng	Remarks
JC058014	1	
KA058014	8	
SV058014	1	
SA058014	1	
KD058014	1	
CB058014	16	
VP058014	1	
BB058014	8	
OP058014	1	
WP058014A	1	Total height: 112,0 mm Total length: 303,0 mm d: 62,8 mm With gasket
WP058014B	1	Total height: 117,5 mm Total length: 108,0 mm d: 52,3 mm Without gasket
NA058014	1	With gear

For any other engine part, please contact us !



Used for: **TOYOTA VT1502**

Specifications: **Diesel · 4 cylinders · Bore: 76,00 mm**

In: **TOYOTA, TCM**

REF	Qty/ eng	Remarks
NT058014	1	
KT058014	1	
TT058014	1	
OF058014	1	
GB058014	4	
IT058014	4	

Used for: TOYOTA



NOTES

NOTES

A series of horizontal dotted lines for taking notes.



USED FOR
VOLVO



Used for: **VOLVO D3.1 ACAE2EC3U**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm · Displacement: 3,053 l**

In: **VOLVO ECR58**

REF	Qty/eng	Remarks
PISE812004STD	4	STD
PISE812004025	4	Oversize: 0,250 mm
PP812004	4	
PC812004	8	
1SE812004STD	4	STD
1SE812004025	4	Oversize: 0,250 mm
IK812004	8	
UK812004	8	
KS812004	8	
KG812004	16	
2HL812004STD	5	STD, STD shaft dia: 64,952-64,962 mm
2HL812004025	5	Undersize: 0,250 mm
1AL812004STD	2	STD
1AL812004025	2	Oversize: 0,250 mm
BL812004STD	4	STD, STD shaft dia: 57,952-57,962 mm
BL812004025	4	Undersize: 0,250 mm
PB812004	4	
NL812004	1	
KP812004A	1	Sn 10001-10733
KP812004B	1	Sn 10734 -
JC812004	1	
KA812004A	8	Intake
KA812004B	8	Exhaust
SV812004	1	77,0 x 62,0 x 11,0 mm, Viton
SA812004	1	115,0 x 95,0 x 11,0 mm, Viton
KD812004	1	
CB812004	18	
VP812004		
BB812004	2	

REF	Qty/eng	Remarks
OP812004	1	
WP812004	1	Total height: 118,00 mm Total length: 212,00 mm With gasket
NA812004	1	
NT812004	1	
KT812004	1	
TT812004	1	
OF812004	1	
GB812004	1	
IT812004	4	

For any other engine part, please contact us !



Used for: **VOLVO D3.4 ACAE2EC4U**

Specifications: **Diesel · 4 cylinders · Bore: 98,00 mm · Displacement: 3,318 l**

In: **VOLVO ECR88**

Used for: VOLVO

REF	Qty/ eng	Remarks
PIE812005STD	4	STD
PIE812005025	4	Oversize: 0,250 mm
PP812005	4	
PC812005	8	
1SE812005STD	4	STD
1SE812005025	4	Oversize: 0,250 mm
IK812005	8	
UK812005	8	
KS812005	8	
KG812005	8	
2HL812005STD	5	STD, STD shaft dia: 64,952-64,962 mm
2HL812005025	5	Undersize: 0,250 mm
1AL812005STD	2	STD
1AL812005025	2	Oversize: 0,250 mm
BL812005STD	4	STD, STD shaft dia: 57,952-57,962 mm
BL812005025	4	Undersize: 0,250 mm
PB812005	1	
NL812005	1	
KP812005	1	
JC812005	1	
KA812005A	8	Intake
KA812005B	8	Exhaust
SV812005	1	77,0 x 62,0 x 11,0 mm, Viton
SA812005	2	115,0 x 95,0 x 11,0 mm, Viton
KD812005	1	
CB812005	18	
VP812005	1	
BB812005	2	

REF	Qty/ eng	Remarks
OP812005	1	
WP812005	1	Total height: 118,00 mm Total length: 212,00 mm With gasket
NA812005	1	
NT812005	1	
KT812005	1	
TT812005	1	
OF812005	1	
GB812005	1	
IT812005	1	


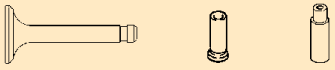
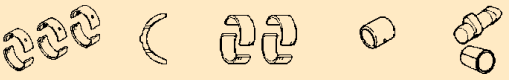
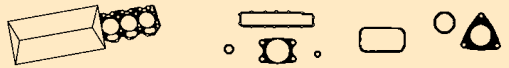
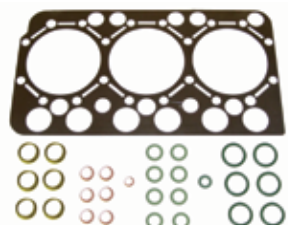
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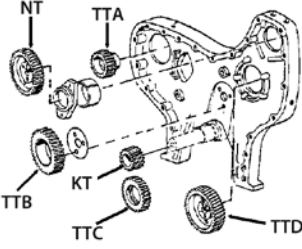
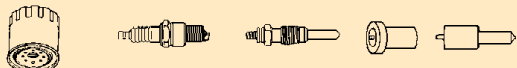



Used for: **VOLVO TD61 AW**

Specifications: **Diesel · 6 cylinders · Bore: 3.875" (98,43 mm)**

In: **KALMAR, SVE TRUCK**

REF	Qty/eng	Remarks
		
PP812001	6	
PC812001	12	
1SE812001	6	STD
AS812001	6	
		
IK812001	6	
UK812001	6	
KS812001	12	
KG812001	12	
		
2HL812001STD	7	STD; shaft dia: 76,149 - 76,162 mm
2HL812001025	7	0,250 mm undersize
2HL812001050	7	0,500 mm undersize
2HL812001075	7	0,750 mm undersize
2HL812001100	7	1,000 mm undersize
2HL812001125	7	1,250 mm undersize
AL812001STD	1	STD; thickness: 3,07 mm
AL812001010	1	0,100 mm undersize
AL812001020	1	0,200 mm undersize
AL812001030	1	0,300 mm undersize
BL812001STD	6	STD; shaft dia: 63,44 - 63,462 mm
BL812001025	6	0,250 mm undersize
BL812001050	6	0,500 mm undersize
BL812001075	6	0,750 mm undersize
BL812001100	6	1,000 mm undersize
BL812001125	6	1,250 mm undersize
PB812001	6	
NL812001	1	
		
KP812001	1	With front and rear oil seals, with valve seals
BP812001	1	
JC812001	1	

REF	Qty/eng	Remarks
SV812001	1	
SA812001	1	
KD812001	1	
		
CB812001	20	
VP812001	1	
BB812001	12	
		
OP812001	1	
WP812001	1	Total height: 160,0 mm Total length: 280,0 mm Without gasket 
RW812001	1	
		
NA812001	1	Without gear 
NT812001	1	
KT812001	1	
TT812001A	1	Compressor
TT812001B	1	Idler
TT812001C	1	Oil pump
TT812001D	1	Injection pump
		
OF812001	1	
GB812001	1	Starter element 
IT812001	6	

For any other engine part, please contact us !

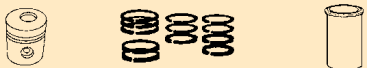

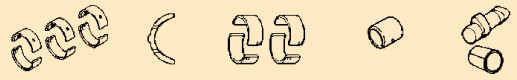
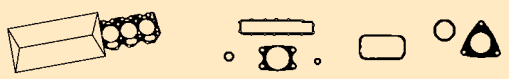
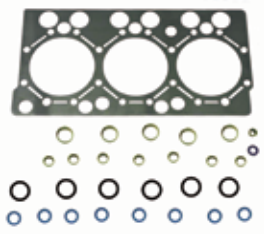







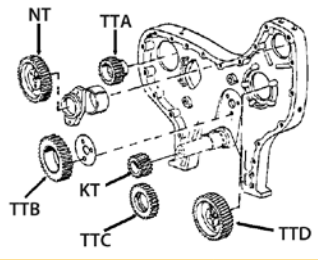


Used for: VOLVO TD71 AW

Specifications: Diesel · 6 cylinders · Bore: 4.125" (104,78 mm)

In: KALMAR, SVE TRUCK, FANTUZZI, VOLVO

Used for: VOLVO

REF	Qty/ eng	Remarks
		
PP812002	6	
PC812002	12	
1SE812002	6	STD
AS812002	6	
		
IK812002	6	
UK812002	6	
KS812002	12	
KG812002	12	
		
2HL812002STD	7	STD shaft dia: 82,535 - 82,550 mm
2HL812002050	7	0,500 mm undersize
2HL812002075	7	0,750 mm undersize
2HL812002100	7	1,000 mm undersize
2HL812002125	7	1,250 mm undersize
AL812002STD	1	STD thickness: 2,34 mm
AL812002010	1	0,100 mm undersize
AL812002020	1	0,200 mm undersize
AL812002030	1	0,300 mm undersize
BL812002STD	6	STD shaft dia: 69,837 - 69,850 mm
BL812002025	6	0,250 mm undersize
BL812002050	6	0,500 mm undersize
BL812002075	6	0,750 mm undersize
BL812002100	6	1,000 mm undersize
BL812002125	6	1,250 mm undersize
PB812002	6	
NL812002	1	
		
KP812002	1	With front and rear oil seals, with valve seals
BP812002	1	
JC812002	1	
SV812002	1	

REF	Qty/ eng	Remarks
SA812002	1	
KD812002	1	
		
CB812002	20	
VP812002	1	
BB812002	12	
		
OP812002	1	
WP812002	1	Total height: 160,0 mm Total length: 280,0 mm Without gasket 
RW812002	1	
		
		
NA812002	1	Without gear
NT812002	1	
KT812002	1	
TT812002A	1	Compressor
TT812002B	1	Idler
TT812002D	1	Injection pump
TT812002C	1	Oil pump
		
OF812002	1	
GB812002	1	Starter element 
IT812002	6	

For any other engine part, please contact us !



Used for: **VOLVO TD100 G**

Specifications: **Diesel · 6 cylinders · Bore: 4.750" (120,64 mm)**

In: **KALMAR, SVE TRUCK, VOLVO, FANTUZZI**

REF	Qty/ eng	Remarks	REF	Qty/ eng	Remarks
PP812003STD	6	STD	JC812003	1	
PP812003005	6	0,050 mm oversize	SV812003	1	
PP812003020	6	0,200 mm oversize	SA812003	1	
PC812003	12		KD812003A	1	Upper
1SE812003	6	STD	KD812003B	1	Lower
AS812003	6				
IK812003	6		CB812003	24	
UK812003	6		BB812003	12	
KS812003	12				
IG812003	6		OP812003	1	
UG812003	6				
			WP812003	1	Total height: 188,0 mm Total length: 320,0 mm With gasket
2HL812003STD	7	STD shaft dia: 99,977 - 100,000 mm			
2HL812003025	7	0,250 mm undersize	RW812003	1	
2HL812003050	7	0,500 mm undersize			
2HL812003075	7	0,750 mm undersize			
2HL812003100	7	1,000 mm undersize	NA812003	1	Without gear
2HL812003125	7	1,250 mm undersize	NT812003	1	
AL812003STD	1	STD thickness: 2,34 mm	KT812003	1	
AL812003010	1	0,100 mm undersize	TT812003A	1	Compressor
AL812003020	1	0,200 mm undersize			
AL812003030	1	0,300 mm undersize			
BL812003STD	6	STD shaft dia: 86,001 - 86,017 mm			
BL812003025	6	0,250 mm undersize			
BL812003050	6	0,500 mm undersize			
BL812003075	6	0,750 mm undersize			
BL812003100	6	1,000 mm undersize			
BL812003125	6	1,250 mm undersize			
PB812003	6				
NL812003	1				
KP812003	1	With front and rear oil seals, with valve seals			
BP812003	1				

For any other engine part, please contact us !



Used for: **VOLVO TD100 G**

Specifications: **Diesel · 6 cylinders · Bore: 4.750" (120,64 mm)**

In: **KALMAR, SVE TRUCK, VOLVO, FANTUZZI**

REF	Qty/ eng	Remarks	
TT812003B	1	Idler	
TT812003C	1	Oil pump	
TT812003D	1	Injection pump	
OF812003	1		
GB812003	1	Starter element	
IT812003	6		

Used for: VOLVO



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VW

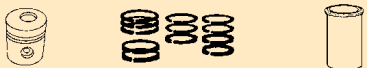

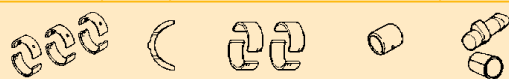
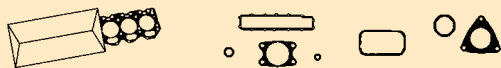










Used for: VW

Used for: VW ADF - 026.2

Specifications: **Gasoline · 4 cylinders · Bore: 81,00 mm**

In: **LINDE 350, STILL, COMBILIFT**

REF	Qty/ eng	Remarks
		
1SE504002STD	4	STD
1SE504002050	4	0,500 mm oversize
PISE504002STD	4	STD
PISE504002050	4	0,500 mm oversize
		
IK504002A	4	Stem dia: 8,0 mm, length: 98,2 mm
IK504002B	4	Stem dia: 8,0 mm, length: 91,9 mm
IK504002C	4	Stem dia: 7,0 mm, length: 91,9 mm
UK504002A	4	Stem dia: 8,0 mm, length: 98,2 mm
UK504002B	4	Stem dia: 8,0 mm, length: 91,0 mm
UK504002C	4	Stem dia: 7,0 mm, length: 91,0 mm
KS504002A	8	Length: 26,2 mm
KS504002B	8	Length: 28,5 mm
KG504002A	8	Dia: 8,0 mm, length: 42,0 mm
KG504002B	8	Dia: 8,0 mm, length: 36,5 mm
KG504002C	8	Dia: 7,0 mm, length: 36,5 mm
		
HL504002STDA	1	STD; 2 pieces flanged
HL504002025A	1	0,250 mm undersize 2 pcs flanged
HL504002050A	1	0,500 mm undersize 2 pieces flanged
HL504002075A	1	0,750 mm undersize 2 pieces flanged
HL504002STDB	1	STD; straight
HL504002025B	1	0,250 mm undersize; straight
HL504002050B	1	0,500 mm undersize; straight
HL504002075B	1	0,750 mm undersize; straight
AL504002STDB	1	STD; to be used with HL model B
1BL504002STD	8	STD
1BL504002025	8	0,250 mm oversize
1BL504002050	8	0,500 mm oversize
PB504002	4	
		
BP504002	1	With valve seals dia: 8,0 mm, JC: fiber, KD: cork
CP504002	1	

REF	Qty/ eng	Remarks
JC504002A	1	Fiber 
JC504002B	1	Iron 
KA504002A	8	Dia: 7,0 mm
KA504002B	8	Dia: 8,0 mm
SV504002	1	
SA504002	1	
KD504002A	1	Cork
KD504002B	1	Rubber
		
CB504002	10	
VP504002	1	
BB504002	8	
BM504002	8	
		
OP504002	1	
WP504002	1	Total height: 220,0 mm Total length: 217,0 mm With gasket 
		
NA504002	1	
NT504002	1	
KT504002	1	
SK504002	1	
DR504002	1	
		
OF504002	1	
BO504002	4	

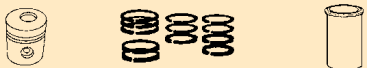
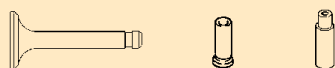
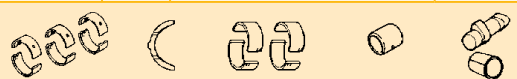
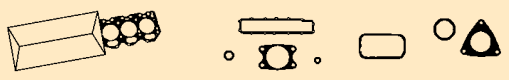
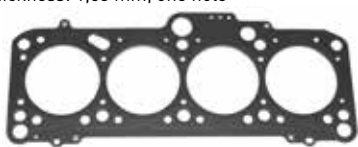

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Used for: **VW ADG - 028B**

Specifications: **Diesel · 4 cylinders · Bore: 79,50 mm**

In: **LINDE 350, STILL, COMBILIFT**

REF	Qty/ eng	Remarks
		
1SE504001STD	4	STD
1SE504001025	4	0,250 mm oversize
1SE504001050	4	0,500 mm oversize
PISE504001STD	4	STD
PISE504001025	4	0,250 mm oversize
PISE504001050	4	0,500 mm oversize
		
IK504001	4	
UK504001	4	
KS504001	8	
KG504001	8	
		
HL504001STDA	1	STD; 2 pieces flanged
HL504001025A	1	0,250 mm undersize; 2 pieces flanged
HL504001050A	1	0,500 mm undersize; 2 pieces flanged
HL504001075A	1	0,750 mm undersize; 2 pieces flanged
HL504001STDB	1	STD; straight
HL504001025B	1	0,250 mm undersize; straight
HL504001050B	1	0,500 mm undersize; straight
HL504001075B	1	0,750 mm undersize; straight
AL504001STDB	1	STD; to be used with HL model B
1BL504001STD	8	STD
4BL504001025	1	0,250 mm oversize
4BL504001050	1	0,500 mm oversize
PB504001	4	
		
BP504001	1	
CP504001	1	
JC504001A	1	Thickness: 1,53 mm, one hole
		
JC504001B	1	Thickness: 1,57 mm, two holes
		

REF	Qty/ eng	Remarks
JC504001C	1	Thickness: 1,61 mm, three holes
		
KA504001	8	
SV504001	1	
SA504001	1	
		
CB504001	10	
VP504001	1	
		
OP504001	1	
		
WP504001A	1	Total height: 115,0 mm Total length: 185,0 mm Fixing holes: 21,0 mm
		
WP504001B	1	Total height: 105,0 mm Total length: 185,0 mm Fixing holes: 30,0 mm
		
		
NA504001	1	
NT504001	1	
KT504001	1	
SK504001	1	
DR504001	1	
		
OF504001		
GB504001	4	
IT504001	4	

For any other engine part, please contact us !



Used for: VW

Used for: **VW ADK - 0685**

Specifications: **Diesel · 4 cylinders · Bore: 76,50 mm**

In: **LINDE 330, STILL R70-16**

REF	Qty/eng	Remarks
PI504005STD	4	STD
PI504005025	4	0,250 mm oversize
PI504005050	4	0,500 mm oversize
PI504005100	4	1,000 mm oversize
1SE504005STD	4	STD
1SE504005025	4	0,250 mm oversize
1SE504005050	4	0,500 mm oversize
1SE504005100	4	1,000 mm oversize
CH504005	4	Semi-finished
IK504005A	4	Oversize length: 104,8 mm
IK504005B	4	Oversize length: 95,0 mm
UK504005A	4	Oversize length: 104,6 mm
UK504005B	4	Oversize length: 95,0 mm
KS504005A	8	Oversize length: 26,2 mm, hydraulic
KS504005B	8	Oversize length: 28,5 mm
KG504005	8	
HL504005STDA	1	STD; 2 pieces flanged
HL504005025A	1	0,250 mm undersize 2 pieces flanged
HL504005050A	1	0,500 mm undersize 2 pieces flanged
HL504005075A	1	0,750 mm undersize 2 pieces flanged
HL504005STDB	1	STD; straight
HL504005025B	1	0,250 mm undersize; straight
HL504005050B	1	0,500 mm undersize; straight
HL504005075B	1	0,750 mm undersize; straight
AL504005STDB	1	STD; to be used with HL model B
1BL504005STD	8	STD
4BL504005025	1	0,250 mm oversize
4BL504005050	1	0,500 mm oversize
PB504005	4	
NL504005	1	
BP504005	1	Without JC
CP504005	1	

REF	Qty/eng	Remarks
JC504005A	1	From 01/07/1985, engines with hydraulic valve tappets, 1 hole: 1,53 mm
JC504005B	1	From 01/07/1985, engines with hydraulic valve tappets, 2 holes: 1,57 mm
JC504005C	1	From 01/07/1985, engines with hydraulic valve tappets, 3 holes: 1,61 mm
JC504005AM11	1	Up to 31/01/1981, cylinder head bolts: M11, 1 notch, thickness: 1,4 mm
JC504005BM11	1	Up to 31/01/1981, cylinder head bolts: M11, 2 notches, thickness: 1,5 mm
JC504005CM11	1	Up to 31/01/1981, cylinder head bolts: M11, 3 notches, thickness: 1,6 mm
JC504005AM12	1	From 01/02/1981 up to 30/06/1985, cylinder head bolts: M12, 1 notch, thickness: 1,4 mm








For any other engine part, please contact us !




Used for: **VW ADK - 0685**

Specifications: **Diesel · 4 cylinders · Bore: 76,50 mm**

In: **LINDE 330, STILL R70-16**

REF	Qty/eng	Remarks
JC504005BM12	1	From 01/02/1981 up to 30/06/1985, cylinder head bolts: M12, 2 notches, thickness: 1,5 mm 
JC504005CM12	1	From 01/02/1981 up to 30/06/1985, cylinder head bolts: M12, 1 notch, thickness: 1,6 mm 
SV504005	1	
SA504005	1	
KD504005A	1	Cork
KD504005B	1	Rubber
		
CB504005A	10	M11 x 98,0 mm
CB504005B	10	M12 x 115,0 mm
		
OP504005	1	
WP504005	1	Total height: 220,0 mm Total length: 217,0 mm With gasket 
		
NA504005	1	
NT504005	1	
KT504005	1	
SK504005	1	
DR504005	1	

REF	Qty/eng	Remarks
		
OF504005	1	
GB504005A	4	11 V, M12
GB504005B	4	24 V, M12
IT504005	4	

For any other engine part, please contact us !

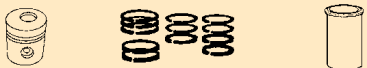

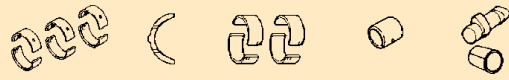
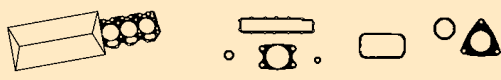




Used for: VW

Used for: **VW BEF**

Specifications: **Gasoline · 4 cylinders · Bore: 82,50 mm**

In: **LINDE 392/393**

REF	Qty/ eng	Remarks
		
1SE504006STD	4	STD
PISE504006STD	4	STD
PISE504006050	4	0,500 mm oversize
PISE504006100	4	1,000 mm oversize
		
IK504006	4	
UK504006	4	
KS504006	8	
KG504006	8	
		
2HL504006STD	5	STD
2HL504006025	5	0,250 mm oversize
2HL504006050	5	0,500 mm oversize
2HL504006075	5	0,750 mm oversize
AL504006STD	1	STD
1BL504006STDA	8	STD; with notch
1BL504006025A	8	0,250 mm undersize With notch
1BL504006050A	8	0,500 mm undersize With notch
BL504006STDB	4	STD; without notch
BL504006025B	4	0,250 mm undersize Without notch
BL504006050B	4	0,500 mm undersize Without notch
PB504006	4	
		
KP504006	1	With JC thickness: 1,2 mm, valve stem seals
BP504006	1	With JC thickness: 1,2 mm
CP504006	1	
JC504006	1	
KA504006	8	
SV504006	1	
SA504006	1	
		
CB504006	10	

REF	Qty/ eng	Remarks
BB504006	8	
BM504006	8	
		
OP504006	1	
WP504006	1	Total height: 93,0 mm Total length: 103,0 mm Without gasket <div style="display: flex; justify-content: space-around; align-items: center;">   </div>
		
NA504006	1	
NT504006	1	
KT504006	1	
SK504006	1	
DR504006	1	
		
OF504006	1	
B0504006	4	

For any other engine part, please contact us !



Used for: **VW BEQ**

Specifications: **Diesel · 4 cylinders · Bore: 79,50 mm**

In: **LINDE 392**

Used for: **VW**

REF	Qty/eng	Remarks
1SE504007STD	4	STD
1SE504007050	4	0,500 mm oversize
PISE504007STDA	2	STD piston 1 and 2
PISE504007STDB	2	STD piston 3 and 4
PISE504007050A	2	0,500 mm oversize, piston 1 and 2
PISE504007050B	2	0,500 mm oversize, piston 3 and 4
PISE504007100A	2	1,000 mm oversize, piston 1 and 2
PISE504007100B	2	1,000 mm oversize, piston 3 and 4
IK504007	4	
UK504007	4	
KS504007	8	
KG504007	8	
2HL504007STD	5	STD
2HL504007025	5	0,250 mm oversize
2HL504007050	5	0,500 mm oversize
2HL504007075	5	0,750 mm oversize
AL504007STD	1	STD
1BL504007STD	8	STD
1BL504007025	8	0,250 mm oversize
1BL504007050	8	0,500 mm oversize
1BL504007075	8	0,750 mm oversize
PB504007	4	
BP504007	1	Without JC
CP504007	1	
JC504007A	1	1 hole: 1,55 mm
JC504007B	1	2 holes: 1,63 mm

REF	Qty/eng	Remarks
JC504007C	1	3 holes: 1,71 mm
SV504007	1	
SA504007	1	
CB504007	10	
BB504007	8	
OP504007	1	
WP504007	1	Total height: 95,2 mm Total length: 103,0 mm
NA504007	1	
NT504007	1	
KT504007	1	
OF504007	1	
GB504007	4	
IT504007	4	

For any other engine part, please contact us !



Used for: VW

Used for: **VW BEU**

Specifications: **Diesel · 4 cylinders · Bore: 79,50 mm**

In: **LINDE 392/393**

REF	Qty/eng	Remarks
1SE504008STD	4	STD
1SE504008050	4	0,500 mm oversize
PISE504008STDA	2	STD; piston 1 and 2
PISE504008STDB	2	STD; piston 3 and 4
PISE504008050A	2	0,500 mm oversize, piston 1 and 2
PISE504008050B	2	0,500 mm oversize, piston 3 and 4
PISE504008100A	2	1,000 mm oversize, piston 1 and 2
PISE504008100B	2	1,000 mm oversize, piston 3 and 4
IK504008	4	
UK504008	4	
KS504008	8	
KG504008	8	
2HL504008STD	5	STD
2HL504008025	5	0,250 mm undersize
2HL504008050	5	0,500 mm undersize
2HL504008075	5	0,750 mm undersize
AL504008STD	1	STD
1BL504008STD	8	STD
1BL504008025	8	0,250 mm oversize
1BL504008050	8	0,500 mm oversize
1BL504008075	8	0,750 mm oversize
PB504008	4	
BP504008	1	Without JC
CP504008	1	
JC504008A	1	1 hole: 1,55 mm
JC504008B	1	2 holes: 1,63 mm

REF	Qty/eng	Remarks
JC504008C	1	3 holes: 1,71 mm
SV504008	1	
SA504008	1	
CB504008	10	
BB504008	8	
OP504008	1	
WP504008	1	Total height: 95,2 mm Total length: 103,0 mm With gasket
NA504008	1	
NT504008	1	
KT504008	1	
SK504008	1	
DR504008	1	
OF504008	1	
GB504008	4	
IT504008	4	

For any other engine part, please contact us !



Used for: **VW BJC**

Specifications: **Diesel · 4 cylinders · Bore: 79,50 mm**

In: **LINDE 394**

REF	Qty/eng	Remarks
1SE504009STD	4	STD
1SE504009050	4	0,500 mm oversize
PISE504009STDA	2	STD; piston 1 and 2
PISE504009STDB	2	STD; piston 3 and 4
PISE504009050A	2	0,500 mm oversize, piston 1 and 2
PISE504009050B	2	0,500 mm oversize, piston 3 and 4
PISE504009100A	2	1,000 mm oversize, piston 1 and 2
PISE504009100B	2	1,000 mm oversize, piston 3 and 4
IK504009	4	
UK504009	4	
KS504009	8	
KG504009	8	
2HL504009STD	5	STD
2HL504009025	5	0,250 mm oversize
2HL504009050	5	0,500 mm oversize
2HL504009075	5	0,750 mm oversize
AL504009STD	1	STD
1BL504009STD	8	STD
1BL504009025	8	0,250 mm oversize
1BL504009050	8	0,500 mm oversize
1BL504009075	8	0,750 mm oversize
PB504009	4	
BP504009	1	Without JC
CP504009	1	
JC504009A	1	1 hole: 1,55 mm
JC504009B	1	2 holes: 1,63 mm

REF	Qty/eng	Remarks
JC504009C	1	3 holes: 1,71 mm
SV504009	1	
SA504009	1	
CB504009	10	
BB504009	8	
OP504009	1	
WP504009	1	Total height: 95,2 mm Total length: 103,0 mm With gasket
NA504009	1	
NT504009	1	
KT504009	1	
SK504009	1	
DR504009	1	
OF504009	1	
GB504009	4	
IT504009	4	

For any other engine part, please contact us !

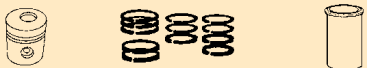
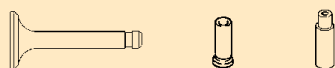
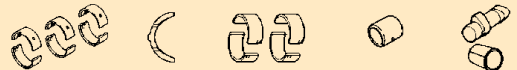
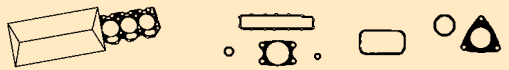




Used for: VW

Used for: VW BMF

Specifications: **Gasoline** · **6 cylinders** · Bore: **84,00 mm**

In: **LINDE 394**

REF	Qty/eng	Remarks
		
1SE504010STD	6	STD
1SE504010025	6	0,250 mm oversize
1SE504010050	6	0,500 mm oversize
PISE504010STD	6	STD
PISE504010025	6	0,250 mm oversize
PISE504010050	6	0,500 mm oversize
		
IK504010A	6	Length: 102,3 mm
IK504010B	6	Length: 136,3 mm
UK504010A	6	Length: 102,3 mm
UK504010B	6	Length: 136,3 mm
KS504010	24	
		
HL504010STD	1	STD; engine set
HL504010025	1	0,250 mm undersize; engine set
1AL504010STD	2	STD
BL504010STD	1	STD
BL504010025	1	0,250 mm oversize
PB504010	6	
		
JC504010	1	
KA504010	24	
SV504010	1	
SA504010	1	
KD504010	1	
		
CB504010SET	1	Complete engine set
CB504010A	13	Length: 110,0 mm
CB504010B	7	Length: 141,0 mm
BB504010	12	

REF	Qty/eng	Remarks
		
OP504010	1	
WP504010	1	Total height: 104,0 mm Total length: 109,0 mm With gasket  
		
NA504010A	1	Exhaust
NA504010B	1	Intake
NT504010A	1	Exhaust
NT504010B	1	Intake
KT504010A	1	Rear
KT504010B	1	Front
DK504010A	1	Rear
DK504010B	1	Front
SK504010A	1	Rear
SK504010B	1	Front
		
OF504010	1	
B0504010	6	

For any other engine part, please contact us !



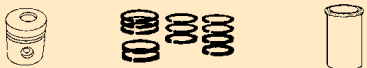
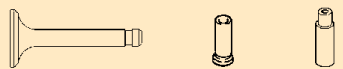
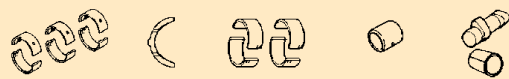
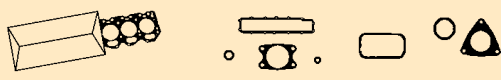


USED FOR
WAUKESHA



Used for: WAUKESHA D155G

Specifications: **Gasoline · 4 cylinders · Bore: 92,00 mm**

In: **CLARK**

REF	Qty/eng	Remarks
		
PI122001STD	4	STD; 4 grooves
SE122001STDA	1	STD; 3 rings/piston
SE122001STDB	1	STD; 4 rings/piston
CH122001	4	Finished
4AS122001	1	Engine set
		
IK122001	4	
UK122001	4	
KS122001	8	
KG122001	8	
		
HL122001STD	1	STD shaft dia: 2 1/4" (57,15 mm)
HL122001010	1	0.010" undersize
HL122001020	1	0.020" undersize
HL122001030	1	0.030" undersize
BL122001STD	4	STD shaft dia: 2 1/4" (57,15 mm)
BL122001010	4	0.010" undersize
BL122001020	4	0.020" undersize
BL122001030	4	0.030" undersize
BL122001040	4	0.040" undersize
8PB122001	1	STD shaft dia: 1 1/4" (31,75 mm)
NL122001	1	STD shaft dia: 1 3/4" (44,45 mm)
		
KP122001	1	With front and rear oil seals, with valve seals
BP122001	1	
JC122001	1	
KA122001	8	
SV122001	1	
KD122001	1	
		
BB122001	8	
BM122001	8	

REF	Qty/eng	Remarks
		
OP122001	1	
WP122001A	1	Total height: 145,5 mm Total length: 268,0 mm 
WP122001B	1	Large thermostat, dia: 3 1/4" 
WP122001C	1	Total height: 142,0 mm Total length: 450,0 mm Small thermostat, dia: 2" 
R0122001	1	
RW122001A	1	For WPA
RW122001B	1	For WPB and WPC
		
NA122001	1	
NT122001	1	
KT122001	1	
TT122001	1	
		
OF122001	1	
B0122001	4	

For any other engine part, please contact us !

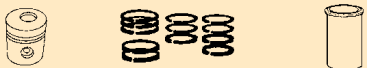
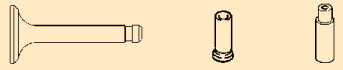
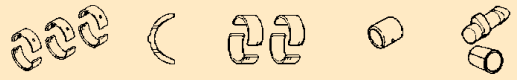
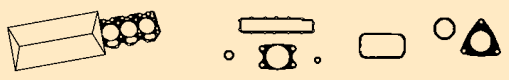




Used for: **WAUKESHA D176G**

Specifications: **Gasoline · 4 cylinders · Bore: 92,00 mm**

In: **CLARK**

Used for: **WAUKESHA**

REF	Qty/ eng	Remarks
		
PI122002STD	4	STD
SE122002STD	1	STD
CH122002	4	Finished
4AS122002	1	Engine set
		
IK122002	4	
UK122002	4	
KS122002	8	
KG122002	8	
		
HL122002STD	1	STD shaft dia: 2 1/4" (57,15 mm)
HL122002010	1	0.010" undersize
HL122002020	1	0.020" undersize
HL122002030	1	0.030" undersize
HL122002040	1	0.040" undersize
BL122002STD	4	STD shaft dia: 1 3/4" (44,45 mm)
BL122002010	4	0.010" undersize
BL122002020	4	0.020" undersize
BL122002030	4	0.030" undersize
BL122002040	4	0.040" undersize
PB122002	4	STD shaft dia: 7/8" (22,23 mm)
NL122002	1	STD shaft dia: 1 3/4" (44,45 mm)
		
KP122002	1	With front and rear oil seals, with valve seals
BP122002	1	
JC122002	1	
KA122002	8	
SV122002	1	
KD122002	1	
		
BB122002	8	
BM122002	8	

REF	Qty/ eng	Remarks
		
OP122002	1	
WP122002A	1	Total height: 145,5 mm Total length: 268,0 mm  With gasket
WP122002B	1	Large thermostat, dia: 3 1/4"  With gasket
WP122002C	1	Total height: 142,0 mm Total length: 450,0 mm Small thermostat, dia: 2"  With gasket
R0122002	1	
RW122002A	1	For WPA
RW122002B	1	For WPB and WPC
		
NA122002	1	
NT122002	1	
KT122002	1	
TT122002	1	
		
OF122002	1	
B0122002	4	

For any other engine part, please contact us !



NOTES

NOTES

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USED FOR
XINCHAI



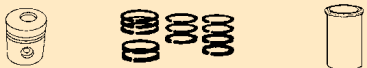

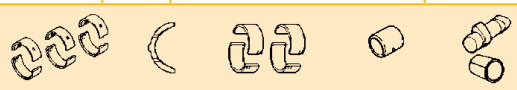
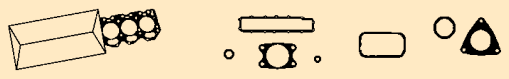


Used for: XINCHAI





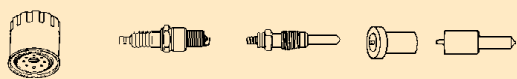
Used for: XINCHAI 490BPG

Specifications: Diesel · 4 cylinders · Bore: 90,00 mm

In: HELI, HANGCHA, EP, BAOLI,

MAXIMAL DALIAN, JAC, GOODSENSE, UN FORKLIFT, HYUNDAI, LONKING, LIUGONG

REF	Qty/eng	Remarks
		
PJJI2001STD	4	STD
PPJI2001	4	
PCJI2001	8	
SEJI2001STD	1	STD
CHJI2001	4	
		
IKJI2001	4	
UKJI2001	4	
KSJI2001	8	
KGJI2001	8	
		
HLJI2001STD	1	STD
1ALJI2001STD	2	STD
1BLJI2001STD	8	STD
PBJI2001	4	
1NLJI2001A	2	Front
1NLJI2001B	1	Rear
		
KPJI2001	1	Without head gasket, valve cover gasket, valve stem seal, front and rear oil seal
JCJI2001	1	
KAJI2001	8	
SVJI2001	1	80,0 x 60,0 x 12,0 mm, Viton
SAJI2001	1	125,0 x 100,0 x 12,0 mm, metal-nylon-polytetrafluoroethylene
KDJI2001	1	
		
CBJI2001	14	
CBJI2001	14	
VPJI2001	1	
BBJI2001	8	

REF	Qty/eng	Remarks
		
OPJI2001	1	
WPJI2001	1	Total height: 122,00 mm Total length: 185,00 mm With gasket <div style="text-align: center;">  </div>
		
NAJI2001	1	
NTJI2001	1	
KTJI2001	1	
HTJI2001	1	
		
OFJI2001	1	
GBJI2001	1	12 V, air heater
ITJI2001	4	

For any other engine part, please contact us !



Used for: XINCHAI 490BT

Specifications: Diesel · 4 cylinders · Bore: 90,00 mm

In: HELI, HANGCHA, EP, BAOLI,

MAXIMAL DALIAN, JAC, GOODSENSE, UN FORKLIFT, HYUNDAI, LONKING, LIUGONG

Used for: XINCHAI

REF	Qty/ eng	Remarks
PIJI2002STD	4	STD
PPJI2002	4	
PCJI2002	8	
SEJI2002STD	1	STD
CHJI2002	4	
IKJI2002	4	
UKJI2002	4	
KSJI2002	8	
IGJI2002	4	
UGJI2002	4	
KGJI2002	8	
HLJI2002STD	1	STD
1ALJI2002STD	2	STD
1BLJI2002STD	8	STD
PBJI2002	4	
1NLJI2002A	2	Front
1NLJI2002B	1	Rear
JCJI2002	1	
SVJI2002	1	80,0 x 60,0 x 12,0 mm, Viton
SAJI2002	1	125,0 x 100,0 x 12,0 mm, metal-nylon-polytetrafluoroethylene
KDJJ2002	1	
CBJI2002A	14	Length: 125,5 mm
CBJI2002B	4	Length: 111,0 mm
VPJI2002	1	
BBJI2002	8	

REF	Qty/ eng	Remarks
OPJI2002	1	
WPJI2002	1	Total height: 122,00 mm Total length: 185,00 mm With gasket
NAJI2002	1	
NTJI2002	1	
KTJI2002	1	
HTJI2002	1	
OFJI2002	1	
GBJI2002A	1	
GBJI2002B	1	
ITJI2002	4	

For any other engine part, please contact us !




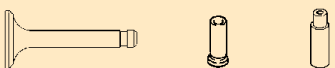
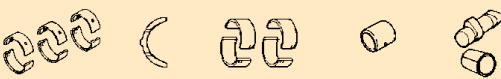
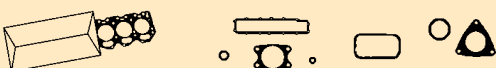




Used for: XINCHAI




Used for: XINCHAI 491GP

Specifications: Diesel · 4 cylinders · Bore: 91,00 mm

In: HELI, HANGCHA, EP, BAOLI,

MAXIMAL DALIAN, JAC, GOODSENSE, UN FORKLIFT, HYUNDAI, LONKING, LIUGONG

REF	Qty/eng	Remarks
		
PJJI2006STD	4	STD
PPJI2006	4	
SEJI2006STD	1	STD
		
IKJI2006	4	
UKJI2006	4	
KSJI2006	8	
		
1HLJI2006STD	10	STD
1ALJI2006STDA	2	STD
1ALJI2006STDB	2	STD
1BLJI2006STD	8	STD
PBJI2006	4	
		
JCI2006	1	
KAJI2006	8	
SVJI2006	1	
SAJI2006	1	100,0 x 80,0 x 8,5 mm, Viton
KDJI2006	1	
		
CBI2006	10	
CBI2006	10	
VPJI2006	1	
		
OPJI2006	1	

REF	Qty/eng	Remarks
WPJI2006	1	
		
NAJI2006	1	
NTJI2006	1	
KTJI2006	1	
HTJI2006	1	
DKJI2006	1	
SKJI2006	1	
HKJI2006	1	
		
OFJI2006	1	
BOJI2006	4	

For any other engine part, please contact us !

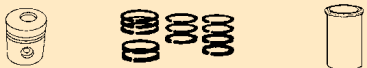

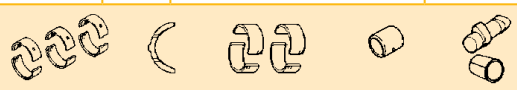
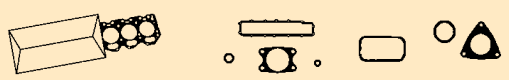




Used for: XINCHAI 495B

Specifications: Diesel · 4 cylinders · Bore: 95,00 mm

In: HELI, HANGCHA, EP, BAOLI,

MAXIMAL DALIAN, JAC, GOODSENSE, UN FORKLIFT, HYUNDAI, LONKING, LIUGONG

REF	Qty/ eng	Remarks
		
PIJI2007STD	4	STD
PPJI2007	4	
PCJI2007	8	
SEJI2007STD	1	STD
CHJI2007	4	
		
IKJI2007	4	
UKJI2007	4	
KSJI2007	8	
KGJI2007	8	
		
1HLJI2007STD	10	STD
1ALJI2007STDA	2	STD
1ALJI2007STDB	2	STD
1BLJI2007STD	8	STD
PBJI2007	4	
1NLJI2007A	2	Front
1NLJI2007B	1	Rear
		
KPJI2007	1	Without head gasket, valve cover gasket, valve stem seal, front and rear oil seal
JCJI2007	1	
KAJI2007	8	
SVJI2007	1	80,0 x 60,0 x 12,0 mm, Viton
SAJI2007	1	125,0 x 100,0 x 12,0 mm, metal-nylon-polytetrafluoroethylene
KDJJ2007	1	
		
CBIJ2007A	14	Length: 125,5 mm
CBIJ2007B	4	Length: 111,0 mm
VPJI2007	1	
BBJI2007	8	

REF	Qty/ eng	Remarks
		
OPJI2007	1	
WPJI2007	1	Total height: 122,50 mm Total length: 188,00 mm With gasket <div style="display: flex; justify-content: space-around;">   </div>
		
NAJI2007	1	
NTJI2007	1	
KTJI2007	1	
HTJI2007	1	
		
OFJI2007	1	
GBJI2007	1	12 V, air heater
ITJI2007	4	

Used for: XINCHAI

For any other engine part, please contact us !



Used for: XINCHAI 495BPG

Specifications: Diesel · 4 cylinders · Bore: 95,00 mm

In: HELI, HANGCHA, EP, BAOLI,

MAXIMAL DALIAN, JAC, GOODSENSE, UN FORKLIFT, HYUNDAI, LONKING, LIUGONG

REF	Qty/eng	Remarks
PIJI2008STD	4	STD
PPJI2008	4	
PCJI2008	8	
SEJI2008STD	1	STD
CHJI2008	4	
IKJI2008	4	
UKJI2008	4	
KSJI2008	8	
KGJI2008	8	
1HLJI2008STD	10	STD
1ALJI2008STD	4	STD
1BLJI2008STD	8	STD
PBJI2008	4	
1NLJI2008A	2	Front
1NLJI2008B	1	Rear
JCJI2008	1	
KAJI2008	8	
SVJI2008	1	80,0 x 60,0 x 12,0 mm, Viton
SAJI2008	1	125,0 x 100,0 x 12,0 mm, metal-nylon-polytetrafluor-ethylene
KDJI2008	1	
CBJI2008A	14	
CBJI2008B	4	
VPJI2008	1	
BBJI2008	8	

REF	Qty/eng	Remarks
OPJI2008	1	
WPJI2008	1	Total height: 122,50 mm Total length: 188,00 mm With gasket
NAJI2008	1	
NTJI2008	1	
KTJI2008	1	
HTJI2008	1	
OFJI2008	1	
GBJI2008A	1	
GBJI2008B	1	
ITJI2008	4	

For any other engine part, please contact us !



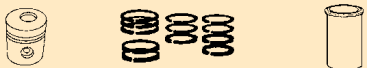

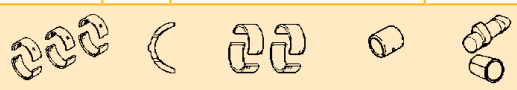
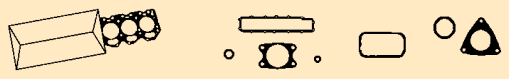


Used for: **XINCHAI 495BT**

Specifications: **Diesel · 4 cylinders · Bore: 95,00 mm**

In: **HELI, HANGCHA, EP, BAOLI,**

MAXIMAL DALIAN, JAC, GOODSENSE, UN FORKLIFT, HYUNDAI, LONKING, LIUGONG

Used for: XINCHAI

REF	Qty/ eng	Remarks
		
PIJI2010STD	4	STD
PPJI2010	4	
PCJI2010	8	
SEJI2010STD	1	STD
CHJI2010	4	
		
IKJI2010	4	
UKJI2010	4	
KSJI2010	8	
KGJI2010	8	
		
1HLJI2010STD	10	STD
1ALJI2010STD	4	STD
1BLJI2010STD	8	STD
PBJI2010	4	
1NLJI2010A	2	Front
1NLJI2010B	1	Rear
		
JCJI2010	1	
		
KAJI2010	8	
SVJI2010	1	80,0 x 60,0 x 12,0 mm, Viton
SAJI2010	1	125,0 x 100,0 x 12,0 mm, metal-nylon-polytetrafluoroethylene
KDJI2010	1	
		
CBJI2010A	14	
CBJI2010B	4	
VPJI2010	1	
BBJI2010	8	

REF	Qty/ eng	Remarks
		
OPJI2010	1	
		
WPJI2010	1	Total height: 122,50 mm Total length: 188,00 mm With gasket
		
		
NAJI2010	1	
NTJI2010	1	
KTJI2010	1	
HTJI2010	1	
		
OFJI2010	1	
GBJI2010A	1	
GBJI2010B	1	
ITJI2010	4	

For any other engine part, please contact us !

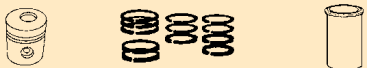

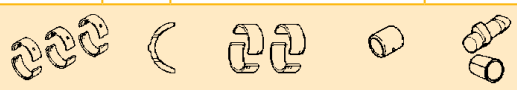
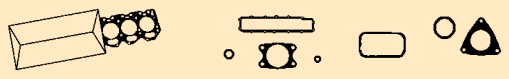







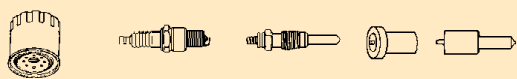
Used for: **XINCHAI A490BPG**

Specifications: **Diesel · 4 cylinders · Bore: 90,00 mm**

In: **HELI, HANGCHA, EP, BAOLI,**

MAXIMAL DALIAN, JAC, GOODSENSE, UN FORKLIFT, HYUNDAI, LONKING, LIUGONG

REF	Qty/eng	Remarks
		
PJJI2012STD	4	STD
PPJI2012	4	
PCJI2012	8	
SEJI2012STD	1	STD
CHJI2012	4	
		
IKJI2012	4	
UKJI2012	4	
KSJI2012	8	
KGJI2012	8	
		
1HLJI2012STD	10	STD
1ALJI2012STD	4	STD
1BLJI2012STD	8	STD
PBJI2012	4	
1NLJI2012A	2	Front
1NLJI2012B	1	Rear
		
KPJI2012	1	Without head gasket, valve cover gasket, valve stem seal, front and rear oil seal
JCJI2012	1	
KAJI2012	8	
SVJI2012	1	80,0 x 60,0 x 12,0 mm, Viton
SAJI2012	1	125,0 x 100,0 x 12,0 mm, metal-nylon-polytetrafluoroethylene
KDJI2012	1	
		
CBJI2012A	14	Length: 125,5 mm
CBJI2012B	4	Length: 111,0 mm
VPJI2012	1	
BBJI2012	8	

REF	Qty/eng	Remarks
		
OPJI2012	1	
WPJI2012	1	Total height: 122,00 mm Total length: 185,00 mm with gasket <div style="display: flex; justify-content: space-around; align-items: center;">   </div>
		
NAJI2012	1	
NTJI2012	1	
KTJI2012	1	
HTJI2012	1	
		
OFJI2012	1	
GBJI2012	1	12 V, air heater
ITJI2012	4	

For any other engine part, please contact us !

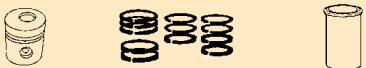

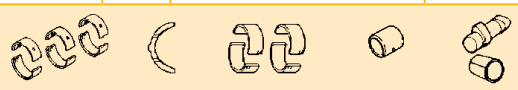
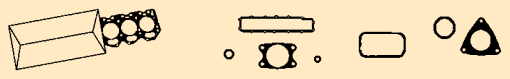




Used for: **XINCHAI A490BT**

Specifications: **Diesel · 4 cylinders · Bore: 90,00 mm**

In: **HELI, HANGCHA, EP, BAOLI,**

MAXIMAL DALIAN, JAC, GOODSENSE, UN FORKLIFT, HYUNDAI, LONKING, LIUGONG

REF	Qty/ eng	Remarks
		
PIJI2003STD	4	STD
PPJI2003	4	
PCJI2003	8	
SEJI2003STD	1	STD
CHJI2003	4	
		
IKJI2003	4	
UKJI2003	4	
KSJI2003	8	
KGJI2003	8	
		
HLJI2003STD	1	STD
1ALJI2003STD	2	STD
1BLJI2003STD	8	STD
PBJI2003	4	
1NLJI2003A	2	Front
1NLJI2003B	1	Rear
		
JCJI2003	1	
		
KAJI2003	8	
SVJI2003	1	80,0 x 60,0 x 12,0 mm, Viton
SAJI2003	1	125,0 x 100,0 x 12,0 mm, metal-nylon-polytetrafluoroethylene
KDJI2003	1	
		
CBJI2003A	14	Length: 125,5 mm
CBJI2003B	4	Length: 111,0 mm
VPJI2003	1	
BBJI2003	8	

REF	Qty/ eng	Remarks
		
OPJI2003	1	
		
WPJI2003	1	Total height: 122,00 mm Total length: 185,00 mm
		
		
NAJI2003	1	
NTJI2003	1	
KTJI2003	1	
HTJI2003	1	
		
OFJI2003	1	
GBJI2003A	1	
GBJI2003B	1	
ITJI2003	4	

For any other engine part, please contact us !



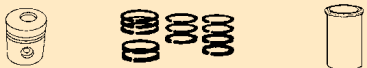

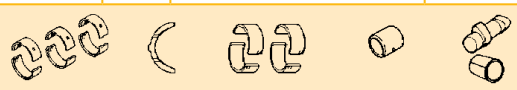
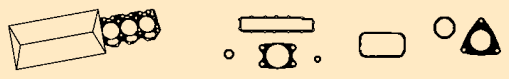


Used for: XINCHAI

Used for: **XINCHAI A495BPG**

Specifications: **Diesel · 4 cylinders · Bore: 95,00 mm**

In: **HELI, HANGCHA, EP, BAOLI,**

MAXIMAL DALIAN, JAC, GOODSENSE, UN FORKLIFT, HYUNDAI, LONKING, LIUGONG

REF	Qty/ eng	Remarks
		
PIJI2009STD	4	STD
PPJI2009	4	
PCJI2009	8	
SEJI2009STD	1	STD
CHJI2009	4	
		
IKJI2009	4	
UKJI2009	4	
KSJI2009	8	
KGJI2009	8	
		
1HLJI2009STD	10	STD
1ALJI2009STD	4	STD
1BLJI2009STD	8	STD
PBJI2009	4	
1NLJI2009A	2	Front
1NLJI2009B	1	Rear
		
JCJI2009	1	
KAJI2009	8	
SVJI2009	1	80,0 x 60,0 x 12,0 mm, Viton
SAJI2009	1	125,0 x 100,0 x 12,0 mm, metal-nylon-polytetrafluor-ethylene
KDJI2009	1	
		
CBJI2009A	14	
CBJI2009B	4	
VPJI2009	1	
BBJI2009	8	

REF	Qty/ eng	Remarks
		
OPJI2009	1	
WPJI2009	1	Total height: 122,50 mm Total length: 188,00 mm With gasket 
		
NAJI2009	1	
NTJI2009	1	
KTJI2009	1	
HTJI2009	1	
		
OFJI2009	1	
GBJI2009A	1	
GBJI2009B	1	
ITJI2009	4	

For any other engine part, please contact us !




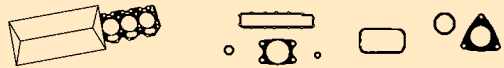










Used for: **XINCHAI A495BT**

Specifications: **Diesel · 4 cylinders · Bore: 95,00 mm**

In: **HELI, HANGCHA, EP, BAOLI,**

MAXIMAL DALIAN, JAC, GOODSENSE, UN FORKLIFT, HYUNDAI, LONKING, LIUGONG

REF	Qty/ eng	Remarks
		
PIJI2011STD	4	STD
PPJI2011	4	
PCJI2011	8	
SEJI2011STD	1	STD
CHJI2011	4	
		
IKJI2011	4	
UKJI2011	4	
KSJI2011	8	
KGJI2011	8	
		
1HLJI2011STD	10	STD
1ALJI2011STD	4	STD
1BLJI2011STD	8	STD
PBJI2011	4	
1NLJI2011A	2	Front
1NLJI2011B	1	Rear
		
JCJI2011	1	
KAJI2011	8	
SVJI2011	1	80,0 x 60,0 x 12,0 mm, Viton
SAJI2011	1	125,0 x 100,0 x 12,0 mm, metal-nylon-polytetrafluoroethylene
KDJI2011	1	
		
CBJI2011A	14	
CBJI2011B	4	
VPJI2011	1	
BBJI2011	8	

REF	Qty/ eng	Remarks
		
OPJI2011	1	
WPJI2011	1	Total height: 122,50 mm Total length: 188,00 mm With gasket  
		
NAJI2011	1	
NTJI2011	1	
KTJI2011	1	
HTJI2011	1	
		
OFJI2011	1	
GBJI2011A	1	
GBJI2011B	1	
ITJI2011	4	

For any other engine part, please contact us !



Used for: XINCHAI

Used for: **XINCHAI A498BT**

Specifications: **Diesel · 4 cylinders · Bore: 98,00 mm**

In: **HELI, HANGCHA, EP, BAOLI,**

MAXIMAL DALIAN, JAC, GOODSENSE, UN FORKLIFT, HYUNDAI, LONKING, LIUGONG

REF	Qty/eng	Remarks
PJJI2014STD	4	STD
PPJI2014	4	
PCJI2014	8	
1SEJI2014STD	4	STD
CHJI2014	4	
IKJI2014	4	
UKJI2014	4	
KSJI2014	8	
KGJI2014	8	
1HLJI2014STD	10	STD
1ALJI2014STD	4	STD
1BLJI2014STD	8	STD
PBJI2014	4	
1NLJI2014A	2	Front
1NLJI2014B	1	Rear
KPJI2014	1	Without head gasket, valve cover gasket, valve stem seal, front and rear oil seal
JCJI2014	1	
KAJI2014	8	
SVJI2014	1	80,0 x 60,0 x 12,0 mm, Viton
SAJI2014	1	125,0 x 100,0 x 12,0 mm, metal-nylon-polytetrafluoroethylene
KDJI2014	1	
CBJI2014A	14	Length: 125,5 mm
CBJI2014B	4	Length: 111,0 mm
VPJI2014	1	
BBJI2014	8	

REF	Qty/eng	Remarks
OPJI2014	1	
WPJI2014	1	Total height: 122,50 mm Total length: 188,00 mm With gasket
NAJI2014	1	
NTJI2014	1	
KTJI2014	1	
HTJI2014	1	
OFJI2014	1	
GBJI2014A	1	
GBJI2014B	1	
ITJI2014	4	

For any other engine part, please contact us !



Used for: XINCHAI B490BT

Specifications: Diesel · 4 cylinders · Bore: 90,00 mm

In: HELI, HANGCHA, EP, BAOLI,

MAXIMAL DALIAN, JAC, GOODSENSE, UN FORKLIFT, HYUNDAI, LONKING, LIUGONG

REF	Qty/ eng	Remarks
PIJI2004STD	4	STD
PPJI2004	4	
PCJI2004	8	
SEJI2004STD	1	STD
CHJI2004	4	
IKJI2004	4	
UKJI2004	4	
KSJI2004	8	
KGJI2004	8	
HLJI2004STD	1	STD
ALJI2004STD	1	STD
1BLJI2004STD	8	STD
PBJI2004	4	
1NLJI2004A	2	Front
1NLJI2004B	1	Rear
JCJI2004	1	
SVJI2004	1	80,0 x 60,0 x 12,0 mm, Viton
SAJI2004	1	125,0 x 100,0 x 12,0 mm, metal-nylon-polytetrafluor-ethylene
KDJI2004	1	
CBJI2004A	14	Length: 125,5 mm
CBJI2004B	4	Length: 111,0 mm
VPJI2004	1	
BBJI2004	8	

REF	Qty/ eng	Remarks
OPJI2004	1	
WPJI2004	1	Total height: 122,00 mm Total length: 185,00 mm
NAJI2004	1	
NTJI2004	1	
KTJI2004	1	
HTJI2004	1	
OFJI2004	1	
GBJI2004A	1	
GBJI2004B	1	
ITJI2004	4	

For any other engine part, please contact us !



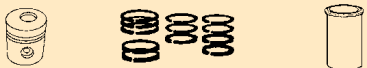

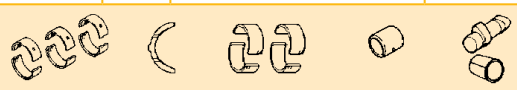
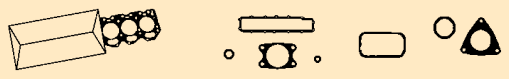


Used for: XINCHAI

Used for: **XINCHAI C490BPG**

Specifications: **Diesel · 4 cylinders · Bore: 90,00 mm**

In: **HELI, HANGCHA, EP, BAOLI,**

MAXIMAL DALIAN, JAC, GOODSENSE, UN FORKLIFT, HYUNDAI, LONKING, LIUGONG

REF	Qty/eng	Remarks
		
PIJI2013STD	4	STD
PPJI2013	4	
PCJI2013	8	
SEJI2013STD	1	STD
CHJI2013	4	
		
IKJI2013	4	
UKJI2013	4	
KSJI2013	8	
KGJI2013	8	
		
1HLJI2013STD	10	STD
1ALJI2013STD	4	STD
1BLJI2013STD	8	STD
PBJI2013	4	
1NLJI2013A	2	Front
1NLJI2013B	1	Rear
		
KPJI2013	1	Without head gasket, valve cover gasket, valve stem seal, front and rear oil seal
JCJI2013	1	
KAJI2013	8	
SVJI2013	1	80,0 x 60,0 x 12,0 mm, Viton
SAJI2013	1	125,0 x 100,0 x 12,0 mm, metal-nylon-polytetrafluoroethylene
KDJI2013	1	
		
CBJI2013A	14	Length: 125,5 mm
CBJI2013B	4	Length: 111,0 mm
VPJI2013	1	
BBJI2013	8	

REF	Qty/eng	Remarks
		
OPJI2013	1	
WPJI2013	1	Total height: 122,00 mm Total length: 185,00 mm  
		
NAJI2013	1	
NTJI2013	1	
KTJI2013	1	
HTJI2013	1	
		
OFJI2013	1	
GBJI2013	1	12 V, air heater
ITJI2013	4	

For any other engine part, please contact us !

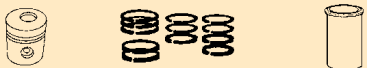

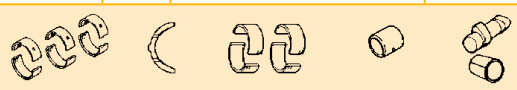
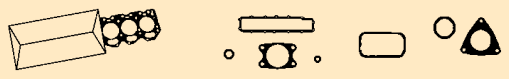




Used for: **XINCHAI C490BT**

Specifications: **Diesel · 4 cylinders · Bore: 90,00 mm**

In: **HELI, HANGCHA, EP, BAOLI,**

MAXIMAL DALIAN, JAC, GOODSENSE, UN FORKLIFT, HYUNDAI, LONKING, LIUGONG

REF	Qty/ eng	Remarks
		
PIJI2005STD	4	STD
PPJI2005	4	
PCJI2005	8	
SEJI2005STD	1	STD
CHJI2005	4	
		
IKJI2005	4	
UKJI2005	4	
KSJI2005	8	
KGJI2005	8	
		
HLJI2005STD	1	STD
ALJI2005STD	1	STD
1BLJI2005STD	8	STD
PBJI2005	4	
1NLJI2005A	2	Front
1NLJI2005B	1	Rear
		
JCJI2005	1	
KAJI2005	8	
SVJI2005	1	80,0 x 60,0 x 12,0 mm, Viton
SAJI2005	1	125,0 x 100,0 x 12,0 mm, metal-nylon-polytetrafluoroethylene
KDJI2005	1	
		
CBJI2005A	14	Length: 125,5 mm
CBJI2005B	4	Length: 111,0 mm
VPJI2005	1	
BBJI2005	8	

REF	Qty/ eng	Remarks
		
OPJI2005	1	
WPJI2005	1	Total height: 122,00 mm Total length: 185,00 mm With gasket 
		
NAJI2005	1	
NTJI2005	1	
KTJI2005	1	
HTJI2005	1	
		
OFJI2005	1	
GBJI2005A	1	
GBJI2005B	1	
ITJI2005	4	

For any other engine part, please contact us !




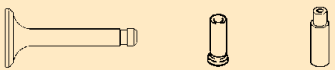
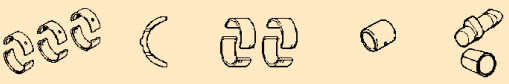
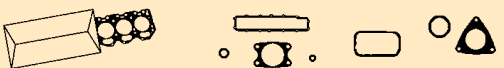


Used for: XINCHAI

Used for: **XINCHAI NB485B**

Specifications: **Diesel · 4 cylinders · Bore: 85,00 mm**

In: **HELI, HANGCHA, EP, BAOLI,**

MAXIMAL DALIAN, JAC, GOODSENSE, UN FORKLIFT, HYUNDAI, LONKING, LIUGONG

REF	Qty/eng	Remarks
		
PJJI2015STD	4	STD
PPJI2015	4	
PCJI2015	8	
1SEJI2015STD	4	STD
CHJI2015	4	
		
IKJI2015	4	
UKJI2015	4	
KSJI2015	8	
KGJI2015	8	
		
1HLJI2015STD	10	STD STD shaft dia: 65,000 mm
1ALJI2015STD	2	STD
1BLJI2015STD	8	STD STD shaft dia: 54,000 mm
PBJI2015	4	
1NLJI2015A	1	Front
1NLJI2015B	2	Rear
		
KPII2015	1	Without head gasket, valve cover gasket, valve stem seal, front and rear oil seal
JCI2015	1	
SVJI2015	1	72,0 x 52,0 x 12,0 mm, rubber
SAJI2015	1	110,0 x 85,0 x 12,0 mm, rubber
KDI2015	1	
		
CBI2015A	14	Length: 122,0 mm
CBI2015B	4	Length: 113,0 mm
VPI2015	1	
BBI2015	8	
BMI2015	8	

REF	Qty/eng	Remarks
		
OPJI2015	1	
WPI2015	1	Total height: 139,00 mm Total length: 226,00 mm  Without gasket 
		
NAJI2015	1	
NTJI2015	1	
KTJI2015	1	
		
OFJI2015	1	
GBJI2015	1	

For any other engine part, please contact us !

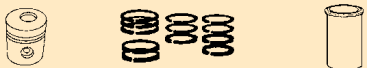

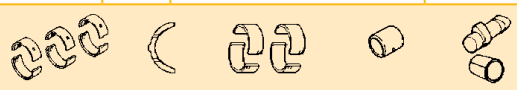
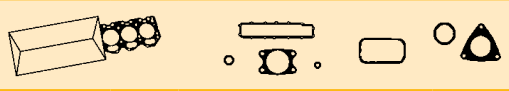




Used for: **XINCHAI NC485BPG**

Specifications: **Diesel · 4 cylinders · Bore: 85,00 mm**

In: **HELI, HANGCHA, EP, BAOLI,**

MAXIMAL DALIAN, JAC, GOODSENSE, UN FORKLIFT, HYUNDAI, LONKING, LIUGONG

REF	Qty/ eng	Remarks
		
PIJI2016STD	4	STD
PPJI2016	4	
PCJI2016	8	
1SEJI2016STD	4	STD
CHJI2016	4	
		
IKJI2016	4	
UKJI2016	4	
KSJI2016	8	
KGJI2016	8	
		
1HLJI2016STD	10	STD, STD shaft dia: 65,000 mm
1ALJI2016STD	2	STD
1BLJI2016STD	8	STD, STD shaft dia: 54,000 mm
PBJI2016	4	
1NLJI2016A	1	Front
1NLJI2016B	2	Rear
		
JCJI2016	1	
KAJI2016	8	
SAJI2016	1	110,0 x 85,0 x 12,0 mm, rubber
KDJI2016	1	
		
CBJI2016A	14	Length: 113,0 mm
CBJI2016B	4	
BBJI2016	8	
BMJI2016	8	Length: 122,0 mm

REF	Qty/ eng	Remarks
		
OPJI2016	1	
WPJI2016	1	Total height: 139,00 mm Total length: 226,00 mm Without gasket  
		
NAJI2016	1	
NTJI2016	1	
KTJI2016	1	
HTJI2016	1	
		
OFJI2016	1	
GBJI2016	1	
GBJI2017	1	
ITJI2016	4	

For any other engine part, please contact us !



NOTES

NOTES

A series of horizontal dotted lines for taking notes.



USED FOR
YANMAR



Used for: **YANMAR 3TNE68**

Specifications: **Diesel · 3 cylinders · Bore: 68,00 mm · Displacement: 0,784 l**

In: **TAKEUCHI TB016, YANMAR B15, B15-3**

REF	Qty/eng	Remarks		REF	Qty/eng	Remarks	
PISE805008STDA	3	STD flat head		JC805008B	1	1 notch 	
PISE805008025A	3	Oversized: 0,25 mm Flat head		KA805008	6		
PISE805008STDB	3	STD head with valve recess		SV805008	1	62,0 x 45,0 x 8,0 mm, rubber	
PISE805008025B	3	Oversize: 0,250 mm Head with valve recess		SA805008	1	82,0 x 60,0 x 9,0 mm, rubber	
PP805008	3			KD805008A	1	For 3TNE68-NTB Version A 	
PC805008	6			KD805008B	1	For 3TNE68-TB1 Version B 	
1SE805008STD	3	STD					
1SE805008025	3	Oversize: 0,250 mm					
IK805008A	3	Valve dia: 28,95 mm		CB805008	14		
IK805008B	3	Valve dia: 26,95 mm		VP805008	1		
UK805008	3			BB805008	6		
KS805008	6						
KG805008	6						
2HL805008STD	4	STD, STD shaft dia: 39,970-39,980 mm		OP805008A	1	Version A 	
2HL805008025	4	Undersize: 0,250 mm		OP805008B	1	Version B 	
2AL805008STD	2	STD		WP805008A	1	Total height: 83,00 mm Total length: 165,00 mm Version A 	Without gasket
2BL805008STD	3	STD, STD shaft dia: 35,970-35,980 mm					
2BL805008025	3	Undersize: 0,250 mm					
PB805008	3						
NL805008	1						
KP805008A	1	With KDA, with JC 4 notches					
KP805008B	1	With KDB, with JC 2 notches					
JC805008A	1	2 notches 					




For any other engine part, please contact us !



Used for: **YANMAR 3TNE68**

Specifications: **Diesel · 3 cylinders · Bore: 68,00 mm · Displacement: 0,784 l**

In: **TAKEUCHI TB016, YANMAR B15, B15-3**

REF	Qty/ eng	Remarks	
WP805008B	1	Total height: 97,00 mm Total length: 176,00 mm Version B	With gasket 
			
NA805008	1	With gear	
NT805008	1		
KT805008	1		
TT805008	1	With bushing	
HT805008	1		
			
OF805008	1		
GB805008	3		
IT805008	3		



Used for: **YANMAR 3TNE88 EBVC**

Specifications: **Diesel · 3 cylinders · Bore: 88,00 mm · Displacement: 1,642 l**

In: **YANMAR VIO45**

REF	Qty/ eng	Remarks
PISE805010STD	3	STD
PISE805010025	3	Oversize: 0,250 mm
PP805010	3	
PC805010	6	
1SE805010STD	3	STD
1SE805010025	3	Oversize: 0,250 mm
IK805010	3	
UK805010	3	
KS805010	6	
IG805010	3	
UG805010	3	
2HL805010STD	4	STD, STD shaft dia: 53,952-53,962 mm
2HL805010025	4	Undersize: 0,250 mm
1AL805010STD	2	STD
1AL805010025	2	Oversize: 0,250 mm
BL805010STD	3	STD, STD shaft dia: 47,952-47,962 mm
BL805010025	3	Undersize: 0,250 mm
PB805010	3	
NL805010	1	
KP805010	1	
JC805010	1	
KA805010A	3	Intake
KA805010B	3	Exhaust
SV805010	1	72,0 x 55,0 x 9,0 mm, rubber
SA805010	1	102,0 x 85,0 x 12,0 mm, rubber
KD805010	1	
CB805010	14	
VP805010	1	

REF	Qty/ eng	Remarks
BB805010	6	
OP805010	1	
WP805010	1	Total height: 138,00 mm Total length: 246,00 mm
NA805010	1	
NT805010	1	
TT805010	1	
OF805010	1	
GB805010	1	Intake heater
IT805010	3	

For any other engine part, please contact us !



Used for: **YANMAR 3TNV76 NBVA**

Specifications: **Diesel · 3 cylinders · Bore: 76,00 mm · Displacement: 1,116 l**

In: **YANMAR VIO 20-3, VIO 25-3, TAKEUCHI TB23R**

Used for: YANMAR

REF	Qty/ eng	Remarks
PIE805005STD	3	STD
PIE805005025	3	Oversize: 0,250 mm
PP805005	3	
PC805005	6	
1SE805005STD	3	STD
1SE805005025	3	Oversize: 0,250 mm
IK805005	3	
UK805005	3	
KS805005	6	
KG805005	6	
2HL805005STD	4	STD, STD shaft dia: 46,952-46,962 mm
2HL805005025	4	Oversize: 0,250 mm
1AL805005STD	1	STD
1AL805005025	2	Oversize: 0,250 mm
2BL805005STD	3	STD, STD shaft dia: 41,952-41,962 mm
2BL805005025	3	Undersize: 0,250 mm
PB805005	3	
NL805005	1	
KP805005	1	
BP805005	1	
JC805005	1	
KA805005A	3	Intake
KA805005B	3	Exhaust
SV805005	1	62,0 x 45,0 x 8,0 mm, rubber
SA805005	1	82,0 x 60,0 x 9,0 mm, rubber
KD805005	1	
CB805005	14	
VP805005	1	
BB805005	6	

REF	Qty/ eng	Remarks
OP805005A	1	Inner rotor
OP805005B	1	Outer rotor
WP805005	1	Total height: 111,00 mm Total length: 180,00 mm
NA805005	1	
KT805005	1	
TT805005	1	
OF805005	1	
GB805005	3	
IT805005	3	

For any other engine part, please contact us !



Used for: YANMAR 3TNV82A

Specifications: **Diesel** · **3 cylinders** · Bore: **82,00 mm** · Displacement: **1,331 l**

In: **TAKEUCHI TB125, YANMAR B25-V**

REF	Qty/ eng	Remarks
PISE805007STDA	3	STD, combustion bowl dia: 44,50 mm
PISE805007025A	3	Oversize: 0,250 mm, combustion bowl dia: 44,50 mm
PISE805007STDB	3	STD, combustion bowl dia: 40,00 mm
PISE805007025B	3	Oversize: 0,250 mm, combustion bowl dia: 40,00 mm
PP805007	3	
PC805007	6	
SE805007STD	3	STD
SE805007025	3	Oversize: 0,250 mm
IK805007	3	
UK805007	3	
KS805007	6	
IG805007	3	
UG805007	3	
2HL805007STD	4	STD, STD shaft dia: 46,952-46,962 mm
2HL805007025	4	Undersize: 0,250 mm
1AL805007STD	2	STD
1AL805007025	2	Oversize: 0,250 mm
2BL805007STD	3	STD, STD shaft dia: 42,952-42,962 mm
2BL805007025	3	Undersize: 0,250 mm
PB805007	3	
NL805007	1	
KP805007A	1	QTB, with intake manifold gasket A
KP805007B	1	VB1A, with intake manifold gasket B
JC805007	1	
KA805007A	3	Intake
KA805007B	3	Exhaust
SV805007A	1	72,0 x 55,0 x 9,0 mm, Viton

REF	Qty/ eng	Remarks
SV805007B	1	72,0 x 55,0 x 9,0 mm, rubber
SA805007	1	102,0 x 85,0 x 12,0 mm, rubber
KD805007	1	
CB805007	14	
VP805007	1	
BB805007	6	
OP805007A	1	Inner rotor
OP805007B	1	Outer rotor
WP805007	1	Total height: 148,00 mm Total length: 211,00 mm
NA805007	1	
NT805007	1	
KT805007	1	
TT805007	1	
OF805007	1	
GB805007	1	Intake heater
IT805007A	3	YDLLA3L19
IT805007B	3	YDLLA8K30

For any other engine part, please contact us !



Used for: **YANMAR 4TNE88**

Specifications: **Diesel · 4 cylinders · Bore: 88,00 mm · Displacement: 2,189 l**

In: **TAKEUCHI TB145, YANMAR VI055**

Used for: YANMAR

REF	Qty/eng	Remarks
PISE805009STD	4	STD
PISE805009025	4	Oversize: 0,250 mm
PP805009	4	
PC805009	8	
1SE805009STD	4	STD
1SE805009025	4	Oversize: 0,250 mm
IK805009A	4	Valve dia: 35,90 mm
IK805009B	4	Valve dia: 35,00 mm
UK805009	4	
KS805009	8	
KG805009A	8	Total length: 49,0 mm
KG805009B	8	Total length: 46,0 mm
2HL805009STD	5	STD, STD shaft dia: 53,952-53,962 mm
2HL805009025	5	Undersize: 0,250 mm
AL805009STD	1	STD
AL805009025	1	Oversize: 0,250 mm
2BL805009STD	4	STD, STD shaft dia: 47,952-47,962 mm
2BL805009025	4	Undersize: 0,250 mm
PB805009	4	
NL805009	1	
KP805009	1	
JC805009	1	
KA805009A	4	Exhaust
KA805009B	4	Intake
SV805009A	1	72,0 x 55,0 x 9,0 mm, Viton
SV805009B	1	72,0 x 55,0 x 9,0 mm, rubber
SA805009	1	102,0 x 85,0 x 12,0 mm, rubber
KD805009A	1	Triangular section

REF	Qty/eng	Remarks
KD805009B	1	Square section
CB805009	18	
VP805009	1	
BB805009	8	
OP805009	1	
WP805009A	1	Total height: 135,00 mm Total length: 246,00 mm Without 2 small tubes
		With gasket
WP805009B	1	Total height: 135,00 mm Total length: 246,00 mm With extra 2 small tubes
		With gasket
NA805009	1	
NT805009	1	
TT805009	1	
OF805009	1	Dia: 70,0 mm Height: 85,0 mm, M20
OF805009	1	Dia: 81,0 mm Height: 86,0 mm, M20
GB805009	1	Intake heater
IT805009A	4	DLA159P184VAD1
IT805009B	4	150P244HC0

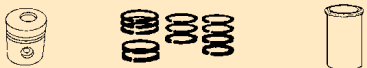
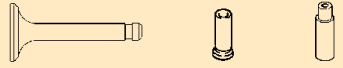

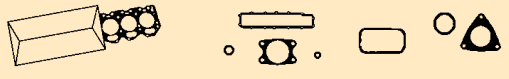

For any other engine part, please contact us !



Used for: **YANMAR 4TNE92-NMH(A)**

Specifications: **Diesel · 4 cylinders · Bore: 92,00 mm**

In: **HYSTER, YALE**

REF	Qty/ eng	Remarks
		
PP805001	4	Piston pin
PC805001	8	Snap ring
1SE805001STD	4	STD
1SE805001025	4	0,250 mm oversize
1SE805001050	4	0,500 mm oversize
PISE805001STD	4	STD, without pin and circlips
PISE805001025	4	0,250 mm oversize without pin and snap rings
PISE805001050	4	0,500 mm oversize without pin and snap rings
CH805001	4	
		
IK805001	4	
UK805001	4	
KS805001	8	
KG805001	8	
		
2HL805001STD	5	STD; shaft dia: 65,00 mm
2HL805001025	5	0,250 mm undersize
2AL805001STD	2	STD: thickness: 1,98 mm
2AL805001025	2	0,250 mm undersize
BL805001STD	4	STD; shaft dia: 58,0 mm
BL805001025	4	0,250 mm undersize
PB805001	4	STD; shaft dia: 30,0 mm
NL805001	1	STD; shaft dia: 30,0 mm
		
KP805001	1	Without oil seals
CP805001	1	Liquid gasket for oil pan
JC805001	1	
KA805001A	4	Intake
KA805001B	4	Exhaust
SV805001	1	
SA805001	1	
KD805001	1	

REF	Qty/ eng	Remarks
		
CB805001	18	
VP805001	1	
BB805001	8	
		
OP805001	1	
WP805001A	1	Total height: 128,0 mm Total length: 249,0 mm  With gasket 
WP805001B	1	Total height: 128,0 mm Total length: 274,0 mm  With gasket 
		
NA805001	1	With gear
NT805001	1	
KT805001	1	
TT805001	1	
		
OF805001	1	
GB805001	4	
IT805001	4	

For any other engine part, please contact us !



Used for: **YANMAR 4TNE94-SFW**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **CLARK, SAMSUNG**

Used for: YANMAR

REF	Qty/eng	Remarks
PP805004	4	Piston pin
PC805004	8	Snap ring
1SE805004STD	4	STD
1SE805004025	4	0,250 mm oversize
PISE805004STD	4	STD; without pin and snap rings
PISE805004025	4	0,250 mm oversize without pin and snap rings
PISE805004050	4	0,500 mm oversize with pin and snap rings
CH805004	4	
IK805004	4	
UK805004	4	
KS805004	8	
KG805004	8	
2HL805004STD	5	STD shaft dia: 65,00 mm
2HL805004025	5	0,250 mm undersize
2AL805004STD	2	STD; thickness: 1,98 mm
2AL805004025	2	0,250 mm undersize
BL805004STD	4	STD; shaft dia: 58,0 mm
BL805004025	4	0,250 mm undersize
PB805004	4	STD shaft dia: 30,0 mm
NL805004	1	STD shaft dia: 30,0 mm
KP805004	1	Without oil seals
CP805004	1	Liquid gasket for oil pan
JC805004	1	
KA805004A	4	Intake
KA805004B	4	Exhaust
SV805004	1	
SA805004	1	
KD805004	1	
CB805004	18	

REF	Qty/eng	Remarks
VP805004	1	
BB805004	8	
OP805004	1	
WP805004	1	Total height: 131,0 mm Total length: 250,0 mm With gasket
NA805004	1	With gear
NT805004	1	
KT805004	1	
TT805004	1	
OF805004	1	
GB805004	1	Air heater
IT805004	4	

For any other engine part, please contact us !



Used for: **YANMAR 4TNE98-NMH**

Specifications: **Diesel · 4 cylinders · Bore: 98,00 mm**

In: **HYSTER, YALE**

REF	Qty/eng	Remarks
PP805002	4	Piston pin
PC805002	8	Snap ring
1SE805002STD	4	STD
1SE805002025	4	0,250 mm oversize
PISE805002STD	4	STD, without pin and snap ring
PISE805002025	4	0,250 mm oversize without pin and snap ring
CH805002	4	
IK805002	4	
UK805002	4	
KS805002	8	
KG805002	8	
2HL805002STD	5	STD; shaft dia: 65,00 mm
2HL805002025	5	0,250 mm undersize
2AL805002STD	2	STD; thickness: 1,98 mm
2AL805002025	2	0,250 mm undersize
BL805002STD	4	STD; shaft dia: 58,0 mm
BL805002025	4	0,250 mm undersize
PB805002	4	STD; shaft dia: 30,0 mm
NL805002	1	STD; shaft dia: 30,0 mm
KP805002	1	Without oil seals
CP805002	1	Liquid gasket for oil pan
JC805002	1	
KA805002A	4	Intake
KA805002B	4	Exhaust
SV805002	1	
SA805002	1	
KD805002	1	
CB805002	18	
VP805002	1	

REF	Qty/eng	Remarks
BB805002	8	
OP805002	1	
WP805002	1	Total height: 128,0 mm Total length: 249,0 mm With gasket
NA805002	1	With gear
NT805002	1	
KT805002	1	
TT805002	1	
OF805002	1	
GB805002	4	
IT805002	4	

For any other engine part, please contact us !



Used for: **YANMAR 4TNE98-TBZ / 4TNE98-VTBZ**

Specifications: **Diesel · 4 cylinders · Bore: 98,00 mm · Displacement: 3,319 l**

In: **TAKEUCHI TB175**

Used for: YANMAR

REF	Qty/ eng	Remarks
PISE805013STDA	4	STD 4TNE98-TBZ
PISE805013025A	4	Oversize: 0,250 mm 4TNE98-TBZ
PISE805013STDB	4	STD 4TNE98-VTBZ
PISE805013025B	4	Oversize: 0,250 mm 4TNE98-VTBZ
PP805013	4	
PC805013	8	
1SE805013STD	4	STD
1SE805013025	4	Oversize: 0,250 mm
IK805013A	4	TBZ
IK805013B	8	VTBZ
UK805013A	4	TBZ
UK805013B	8	VTBZ
KS805013	8	
KG805013A	8	TBZ
KG805013B	16	VTBZ
2HL805013STD	5	STD, STD shaft dia: 65,000-65,020 mm
2HL805013025	5	Undersize: 0,250 mm
1AL805013STD	2	STD
1AL805013025	2	Oversize: 0,250 mm
BL805013STD	4	STD, STD shaft dia: 58,000-58,026 mm
BL805013025	4	Undersize: 0,250 mm
PB805013	4	
NL805013	1	
KP805013A	1	TBZ
KP805013B	1	VTBZ
JC805013A	1	TBZ
JC805013B	1	VTBZ
KA805013A	4	Exhaust, TBZ
KA805013B	4	Intake, VTBZ

REF	Qty/ eng	Remarks
KA805013C	8	Intake, TBZ
KA805013D	8	Exhaust, VTBZ
SA805013	1	115,0 x 95,0 x 12,0 mm, silicone
KD805013A	1	TBZ
KD805013B	1	VTBZ
CB805013	18	
VP805013	1	
BB805013	8	
OP805013	1	
WP805013A	1	TBZ Total height: 124,80 mm Total length: 212,00 mm Without gasket
WP805013B	1	VTBZ Total height: 118,00 mm Total length: 212,00 mm With gasket
NA805013A	1	With gear TBZ
NA805013B	1	With gear, VTBZ
NT805013	1	
KT805013	1	
TT805013	1	
OF805013A	1	TBZ
OF805013B	1	VTBZ
GB805013A	1	Air heater, TBZ
GB805013B	1	Air heater, VTBZ
IT805013A	4	TBZ
IT805013B	4	VTBZ

For any other engine part, please contact us !



Used for: **YANMAR 4TNV88**

Specifications: **Diesel · 4 cylinders · Bore: 88,00 mm · Displacement: 2,190 l**

In: **TAKEUCHI TB250, VOLVO EC35**

REF	Qty/ eng	Remarks
PISE805006STD	4	STD
PISE805006025	4	Oversize: 0,250 mm
PP805006	4	
PC805006	8	
1SE805006STD	4	STD
1SE805006025	4	Oversize: 0,250 mm
IK805006	4	
UK805006	4	
KS805006	8	
IG805006	4	
UG805006	4	
2HL805006STD	5	STD, STD shaft dia: 49,952-49,962 mm
2HL805006025	5	Oversize: 0,250 mm
1AL805006STD	2	STD
1AL805006025	2	Oversize: 0,250 mm
2BL805006STD	4	STD, STD shaft dia: 47,952-47,962 mm
2BL805006025	4	Oversize: 0,250 mm
PB805006	4	
NL805006	1	
KP805006	1	
JC805006	1	
KA805006A	4	Exhaust
KA805006B	4	Intake
SV805006A	1	72,0 x 55,0 x 9,0 mm, rubber
SV805006B	1	72,0 x 55,0 x 9,0 mm, Viton
SA805006	1	102,0 x 85,0 x 12,0 mm, rubber
KD805006	1	
CB805006	18	

REF	Qty/ eng	Remarks
VP805006	1	
BB805006	8	
OP805006	1	
WP805006	1	Total height: 135,00 mm Total length: 246,00 mm With gasket
NA805006	1	
NT805006	1	
KT805006	1	
TT805006	1	With bushing
OF805006A	1	Dia: 81,0 mm Height: 86,0 mm, M20
OF805006B	1	Dia: 70,0 mm Height: 85,0 mm, M20
GB805006	4	
IT805006	4	

For any other engine part, please contact us !

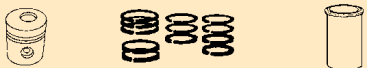

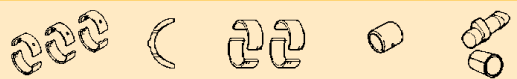
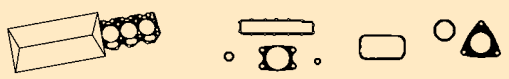
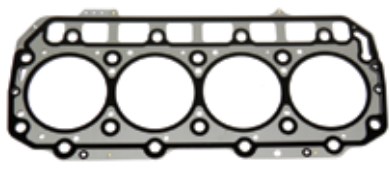






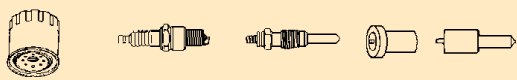
Used for: **YANMAR 4TNV94L-VLX**

Specifications: **Diesel · 4 cylinders · Bore: 94,00 mm**

In: **LINDE**

Used for: YANMAR

REF	Qty/ eng	Remarks
		
PP805003	4	Piston pin
PC805003	8	Snap ring
1SE805003STD	4	STD
1SE805003025	4	0,250 mm oversize
PISE805003STD	4	STD, without pin and snap rings
PISE805003025	4	0,250 mm oversize without pin and snap rings
CH805003	4	
		
IK805003	8	
UK805003	8	
KS805003	8	
KG805003	16	
		
2HL805003STD	5	STD; shaft dia: 65,00 mm
2HL805003025	5	0,250 mm undersize
2AL805003STD	2	STD; thickness: 1,98 mm
2AL805003025	2	0,250 mm undersize
BL805003STD	4	STD; shaft dia: 58,0 mm
BL805003025	4	0,250 mm undersize
PB805003	4	STD; shaft dia: 30,0 mm
NL805003	1	STD; shaft dia: 30,0 mm
		
KP805003	1	Without oil seals
CP805003	1	Liquid gasket for oil pan
JC805003	1	
		
KA805003A	4	Intake
KA805003B	4	Exhaust
SV805003	1	
SA805003	1	
KD805003	1	
		
CB805003	18	

REF	Qty/ eng	Remarks
VP805003	1	
BB805003	8	
		
OP805003	1	
		
WP805003	1	Total height: 128,0 mm Total length: 251,0 mm Without gasket
		
NA805003	1	With gear
NT805003	1	
KT805003	1	
TT805003	1	
		
OF805003	1	
GB805003	1	Air heater
IT805003	4	

For any other engine part, please contact us !



Used for: **YANMAR 4TNV98C**

Specifications: **Diesel · 4 cylinders · Bore: 98,00 mm · Displacement: 3,319 l**

In: **BOBCAT E85**

REF	Qty/eng	Remarks
PI805011STD	4	STD
PI805011025	4	Oversize 0,25 mm
PP805011	4	
PC805011	8	
1SE805011STD	4	STD
1SE805011025	4	Oversize: 0,250 mm
IK805011	4	
UK805011	4	
KS805011	8	
IG805011	4	
UG805011	4	
KG805011	8	
2HL805011STD	5	STD, STD shaft dia: 64,952-64,962 mm
2HL805011025	5	Oversize: 0,250 mm
1AL805011STD	2	STD
2BL805011STD	4	STD, STD shaft dia: 57,952-57,962 mm
2BL805011025	4	Undersize: 0,250 mm
PB805011	4	
NL805011	1	
KP805011	1	
JC805011	1	
KA805011A	4	Intake
KA805011B	4	Exhaust
SV805011	1	77,0 x 62,0 x 11,0 mm, Viton
SA805011	1	115,0 x 95,0 x 11,0 mm, Viton
KD805011	1	
CB805011	18	
VP805011	1	

REF	Qty/eng	Remarks
BB805011	8	Oversize: 0,250 mm
OP805011	1	
WP805011	1	
NA805011	1	
NT805011	1	
KT805011	1	
TT805011	1	
OF805011	1	
GB805011	4	

For any other engine part, please contact us !



Used for: **YANMAR 4TNV98T SBV**

Specifications: **Diesel · 4 cylinders · Bore: 98,00 mm · Displacement: 3,319 l**

In: **YANMAR SV100**

Used for: **YANMAR**

REF	Qty/ eng	Remarks
PISE805012STD	4	STD
PISE805012025	4	Oversize: 0,250 mm
PP805012	4	
PC805012	8	
1SE805012STD	4	STD
1SE805012025	4	Oversize: 0,250 mm
IK805012	8	
UK805012	8	
KS805012	8	
KG805012	16	
2HL805012STD	5	STD, STD shaft dia: 64,952-64,962 mm
2HL805012025	5	Undersize: 0,250 mm
2AL805012STD	2	STD
2AL805012025	2	Undersize: 0,250 mm
BL805012STD	4	STD, STD shaft dia: 57,952-57,962 mm
BL805012025	4	Undersize: 0,250 mm
PB805012	4	
NL805012	1	
KP805012	1	
JC805012	1	
KA805012A	8	Intake
KA805012B	8	Exhaust
SV805012A	1	77,0 x 62,0 x 9,0 mm, rubber
SV805012B	1	77,0 x 62,0 x 11,0 mm, Viton
SA805012	1	115,0 x 95,0 x 12,0 mm, silicone
KD805012	1	
CB805012	18	
VP805012	1	

REF	Qty/ eng	Remarks
BB805012	8	
OP805012	1	
WP805012	1	Total height: 118,00 mm Total length: 212,00 mm
NA805012	1	
NT805012	1	
KT805012	1	
TT805012	1	
OF805012	1	
GB805012	1	
IT805012	4	

For any other engine part, please contact us !



NOTES

NOTES

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CYLINDER HEADS



Info about notations of cylinder heads

Notations:

Each cylinder head is indicated by means of a notation.

E.g. CK 395004 NA A
(1) (2) (3) (4)

(1) CK is the indication of a cylinder head.

(2) 395004 is an internal reference of the different motors of Engine Parts Manual.

(3) NA = bare cylinder head

KP = complete cylinder head

KN = complete cylinder head including camshaft and rocker arms

(4) If multiple versions of a certain cylinder head exist, these are indicated by means of A, B or C.

In specific cases we also have V = front cylinder head or A = rear cylinder head.

Information sur les notations de culasses

Remarques:

Chaque culasse est indiquée avec une remarque.

p.ex. CK 395004 NA A
(1) (2) (3) (4)

(1) CK est l'initiale désignant une culasse.

(2) 395004 est une numérotation interne des différents moteurs, cfr. le manuel 'Pièces moteur'.

(3) NA = culasse nue

KP = culasse complète

KN = culasse complète avec arbre à cames et culbuteurs

(4) Lorsqu'il existe plusieurs versions d'une certaine culasse, celles-ci sont désignées par A, B ou C.

Dans des cas spécifiques, nous avons également V = culasse avant ou A = culasse arrière.



Info over notaties van cilinderkoppen

Notaties:

Iedere cilinderkop wordt met een notatie aangeduid.

<p>vb. CK 395004 NA A (1) (2) (3) (4)</p>
--

- (1) CK is de aanduiding van een cilinderkop.
- (2) 395004 is een interne nummering van de verschillende motoren cfr. Engine Parts Manual.
- (3) NA = naakte cilinderkop
 KP = complete cilinderkop
 KN = complete cilinderkop met nokkenas en tuimelaars
- (4) Indien er meerdere uitvoeringen van een bepaalde cilinderkop bestaan, worden deze met A, B of C aangegeven.
 In specifieke gevallen hebben we ook nog V = voorste cilinderkop of A = achterste cilinderkop.

Informationen über die Notation (Schreibweise) von Zylinderköpfen

Bezeichnung/Schreibweise:

Jeder Zylinderkopf ist mit einer Bezeichnung angegeben.

<p>Beispiel CK 395004 NA A (1) (2) (3) (4)</p>

- (1) CK ist die Bezeichnung eines Zylinderkopfs.
- (2) 395004 ist eine interne Nummerierung der verschiedenen Motoren siehe Motorenersatzteile-Handbuch.
- (3) NA = nackter Zylinderkopf
 KP = kompletter Zylinderkopf
 KN = kompletter Zylinderkopf mit Nockenwelle und Kipphebel
- (4) Wenn es verschiedene Versionen eines bestimmten Zylinders gibt, werden diese mit A, B oder C angegeben.
 In bestimmten Fällen gibt es auch V = für vorderen Zylinderkopf oder A = für hinteren Zylinderkopf.



Informacion sobre anotaciones de culatas

Notas:

Cada culata se muestra con una referencia.

<p>Ejemplo CK 395004 NA A (1) (2) (3) (4)</p>
--

- (1) CK es la abreviatura para un cilindro.
- (2) 395004 es una referencia interna de los diferentes motores como aparece en el Catálogo de Recambios de Motor.
- (3) NA = culata desnuda
 KP = culata completa
 KN = culata completa con árbol de levas y balancines
- (4) Las diferentes versiones de culatas se indicarán con las letras A, B o C .
 En casos específicos, también se utilizan V= parte delantera y A= parte trasera de la culata.

Info sulla nota delle testate cilindri

Nota:

Ogni testata viene indicata con una nota.

<p>Es. CK 395004 NA A (1) (2) (3) (4)</p>
--

- (1) CK indica una testata cilindri.
- (2) 395004 è una numerazione interna per i diversi motori vedere Engine Parts Manual.
- (3) NA = testata cilindri nuda
 KP = testata cilindri completa
 KN = testata cilindri completa con albero a camme e bilancieri
- (4) Se sono disponibili più esecuzioni di una testa cilindri queste vengono indicate con le lettere A, B o C.
 In casi specifici esiste anche una V = testata cilindri anteriore e A = testata cilindri posteriore.



Información sobre cabeça do motor

Notas:

Cada cabeça de motor vem com uma nota assinalada.

<p>ex. CK 395004 NA A (1) (2) (3) (4)</p>
--

(1) CK é a designação da cabeça do motor.

(2) 395004 é um número interno de diferentes motores como Manual de peças de motor.

(3) NA = cabeça do cilindro nua

KP = cabeça do motor completa

KN = cabeça do motor completa com veio do exêntricos e martelos

(4) Se existem várias versões para uma cabeça do motor elas serão indicadas com A, B ou C.

Em alguns caso específicos também temos V = cabeça do motor frontal ou A = cabeça do motor traseira.

Informacja o uwagach dla głowic silnika

Opis:

Każda głowica silnika jest opisana w specjalny sposób.

<p>Np. CK 395004 NA A (1) (2) (3) (4)</p>
--

(1) CK jest skrótem od nazwy głowicy silnika.

(2) 395004 jest wewnętrznym numerem dla różnych silników. porównaj Katalog części silnikowych.

(3) NA = gota głowica silnika

KP = kompletna głowica silnika

KN = kompletna głowica silnika z wałkiem rozrządu i dźwigniami zaworowymi

(4) Jeżeli występują różne wersje danej głowicy silnika, to zostały one oznaczone literami A, B lub C.

W specyficznych przypadkach występują dodatkowe oznaczenia: V = przednia głowica silnika lub A = tylna głowica silnika.



Информация об обозначениях головки блока цилиндров

Обозначения:

Каждая головка блока цилиндров описывается уникальным обозначением.

<p>напр. СК 395004 NA A (1) (2) (3) (4)</p>

(1) СК указывает на головку блока.

(2) 395004 является внутренним артикулом различных типов двигателей из каталога Engine Parts Manual.

(3) NA = Голая головка цилиндра

КР = головка блока цилиндров в сборе

KN = головка блока цилиндров в сборе с распредвалом и коромыслами

(4) В случае наличия нескольких исполнений определенной головки блока, варианты представляются литерами А, В или С.

В некоторых случаях применяются также обозначения V = передняя головка блока или А = задняя головка блока.



used for: **CATERPILLAR 3003**

Bare cylinder head

REF [CK009003NA](#)

Valve clearance

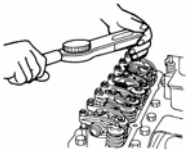


Cylinder head bolt



REF [CB009003A](#) 11 pcs./eng.
REF [CB009003B](#) 3 pcs./eng.

Torque specifications



used for: **CATERPILLAR 3024C**

Bare cylinder head

REF [CK009002NA](#)

Valve clearance



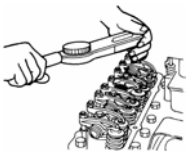
Cold: in: 0,2 mm ex: 0,2 mm

Cylinder head bolt

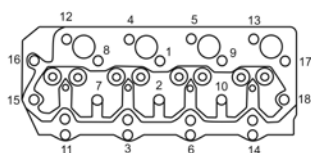


REF [CB009002A](#) 14 pcs./eng.
REF [CB009002B](#) 4 pcs./eng.

Torque specifications



Cold: 101 Nm





used for: **CUMMINS A2300**

Bare cylinder head

REF [CK183002NA](#)



used for: **CUMMINS A2300**

Complete cylinder head

REF [CK183002KP](#)



Valve clearance



Cold: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt



REF [CB183002A](#) 14 pcs./eng.
REF [CB183002B](#) 4 pcs./eng.

Valve clearance



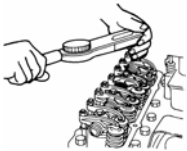
Cold: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

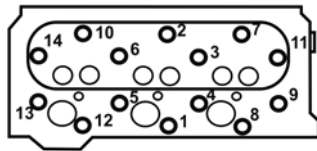


REF [CB183002A](#) 14 pcs./eng.
REF [CB183002B](#) 4 pcs./eng.

Torque specifications



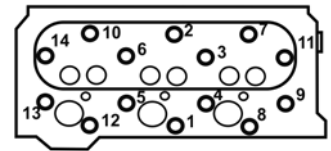
Cold: M17: 30 Nm - 60 Nm - 95 Nm M19: 60 Nm



Torque specifications



Cold: M17: 30 Nm - 60 Nm - 95 Nm M19: 60 Nm



used for: **CUMMINS B 3.3 E**

Complete cylinder head

REF [CK183004KP](#)

Valve clearance



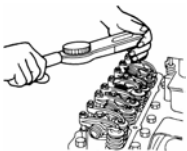
Cold: in: 0,35 mm ex: 0,5 mm

Cylinder head bolt

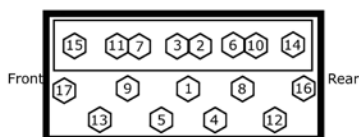


REF [CB183004](#) 17 pcs./eng.

Torque specifications



Cold: 70 Nm 110 Nm +90°





used for: **DEUTZ F2L2011**

Complete cylinder head

REF [CK380012KP](#)

Valve clearance



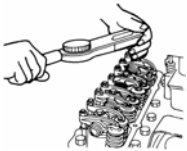
Cold: in: 0,3 mm ex: 0,5 mm

Cylinder head bolt

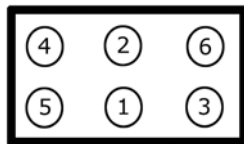


REF [CB380012](#) 6 pcs./eng.

Torque specifications



Cold: 30° + 80° + 160° + 90°



used for: **DEUTZ F3L912**

Complete cylinder head

REF [CK380003KPB3](#)



Valve clearance

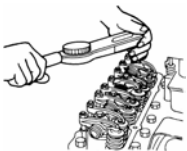


Cold: in: 0,15 mm ex: 0,15 mm

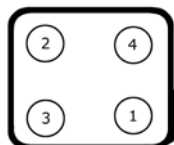
Cylinder head bolt



Torque specifications



Cold: 40 Nm +45° +45° +45° +30°





used for: **DEUTZ F3L912W**

Complete cylinder head

REF [CK380003KPA3](#)



Valve clearance

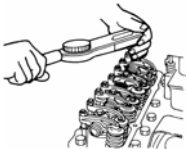


Cold: in: 0,15 mm ex: 0,15 mm

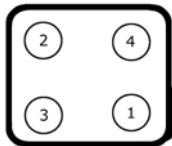
Cylinder head bolt



Torque specifications



Cold: 40 Nm +45° +45° +45° +30°



used for: **DEUTZ F3L913G**

Complete cylinder head

REF [CK380001KP](#)



Valve clearance



Cold: in: 0,15 mm ex: 0,15 mm

Cylinder head bolt

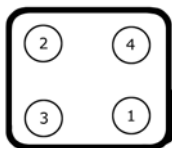


REF [CB380001A](#) 12 pcs./eng. L: 195 mm
REF [CB380001B](#) 12 pcs./eng. L: 210 mm

Torque specifications



Cold: 40 Nm +45° +45° +45° +30°



For any other engine part, please contact us !



used for: **DEUTZ F3L1011**

Complete cylinder head

REF [CK380013KP](#)

Valve clearance



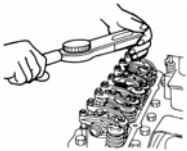
Cold: in: 0,3 mm ex: 0,5 mm

Cylinder head bolt



REF [CB380003](#) 8 pcs./eng.

Torque specifications



Cold: 30° + 80° + 160° + 90°

used for: **DEUTZ F3L1011F**

Complete cylinder head

REF [CK380014KP](#)

Valve clearance



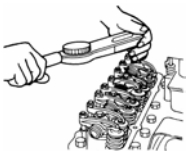
Cold: in: 0,3 mm ex: 0,5 mm

Cylinder head bolt

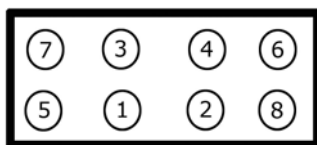


REF [CB380014](#) 8 pcs./eng.

Torque specifications



Cold: 30° + 80° + 160° + 90°





used for: **DEUTZ F3L2011**

Complete cylinder head

REF [CK380015KP](#)

Valve clearance



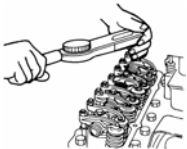
Cold: in: 0,3 mm ex: 0,5 mm

Cylinder head bolt

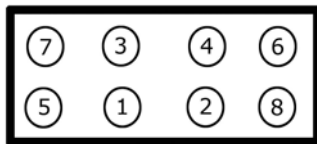


REF [CB380015](#) 8 pcs./eng.

Torque specifications



Cold: 30° + 80° + 160° + 90°



used for: **DEUTZ F4L912**

Complete cylinder head

REF [CK380003KPB4](#)



Valve clearance



Cold: in: 0,15 mm ex: 0,15 mm

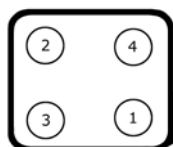
Cylinder head bolt



Torque specifications



Cold: 40 Nm +45° +45° +45° +30°



For any other engine part, please contact us !



used for: **DEUTZ F4L912W**

Complete cylinder head

REF [CK380003KPA4](#)



Valve clearance

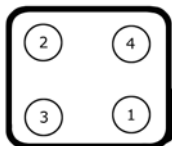
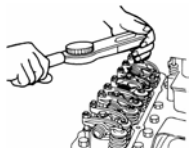


Cold: in: 0,15 mm ex: 0,15 mm

Cylinder head bolt



Torque specifications



Cold: 40 Nm +45° +45° +45° +30°

used for: **DEUTZ F4M2011**

Complete cylinder head

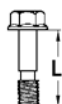
REF [CK380011KP](#)

Valve clearance



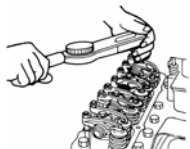
Cold: in: 0,3 mm ex: 0,5 mm

Cylinder head bolt



REF [CB380011](#) 10 pcs./eng.

Torque specifications



Cold: 30° + 80° + 160° + 90°



used for: **DEUTZ F6L912**

Complete cylinder head

REF [CK380003KPB6](#)



Valve clearance

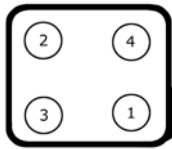
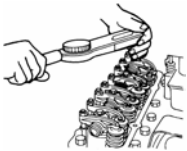


Cold: in: 0,15 mm ex: 0,15 mm

Cylinder head bolt



Torque specifications



Cold: 40 Nm +45° +45° +45° +30°

used for: **DEUTZ F6L912W**

Complete cylinder head

REF [CK380003KPA6](#)



Valve clearance

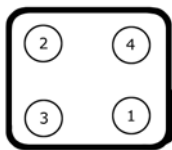
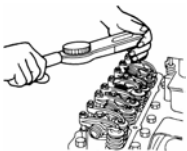


Cold: in: 0,15 mm ex: 0,15 mm

Cylinder head bolt



Torque specifications



Cold: 40 Nm +45° +45° +45° +30°

For any other engine part, please contact us !



used for: **DEUTZ GF3L913**

Complete cylinder head

REF [CK380002KP](#)



For LPG engine with reinforced valves and valve seats

Valve clearance

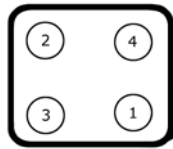


Cold: in: 0,15 mm ex: 0,15 mm

Cylinder head bolt



Torque specifications



Cold: 40 Nm +45° +45° +45° 3+30°

used for: **DOOSAN D24**

Bare cylinder head

REF [CK954005NA](#)

Valve clearance



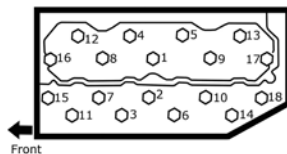
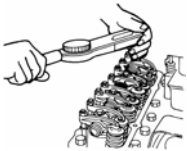
Cold: in: 0,4 mm ex: 0,4 mm

Cylinder head bolt



REF [CB954005](#) 18 pcs./eng.

Torque specifications



Cold: 39.22 Nm +90° +90° +90°

For any other engine part, please contact us !



used for: **FORD BSD444**

Bare cylinder head

REF [CK090009NA](#)

Valve clearance



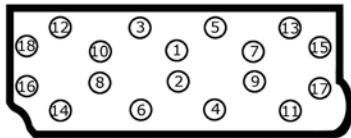
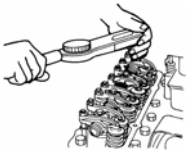
Cold: in: 0,38 mm ex: 0,45 mm

Cylinder head bolt



REF [CB090009A](#) 18 pcs./eng.
REF [CB090009B](#)

Torque specifications



Cold: 120 - 135 - 155
Hot: 155 - 190 - 215

used for: **FORD BSD444T**

Bare cylinder head

REF [CK090010NA](#)

Valve clearance



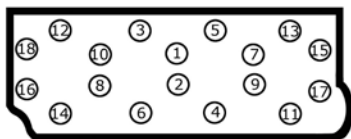
Cold: in: 0,38 mm ex: 0,45 mm

Cylinder head bolt



REF [CB090009A](#) 18 pcs./eng.
REF [CB090009B](#)

Torque specifications



Cold: 120 - 135 - 155
Hot: 155 - 190 - 215



used for: **GM 3,0L**

Bare cylinder head
REF [CK556006NA](#)



used for: **GM 3,0L**

Complete cylinder head
REF [CK556006KP](#)



Valve clearance



Hydraulic lifters

Cylinder head bolt



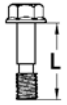
REF [CB556002](#) 10 pcs./eng.

Valve clearance



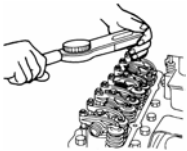
Hydraulic lifters

Cylinder head bolt

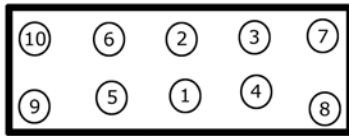


REF [CB556002](#) 10 pcs./eng.

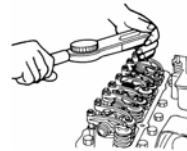
Torque specifications



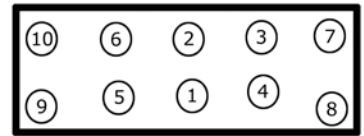
Cold: 130 Nm



Torque specifications



Cold: 130 Nm



used for: **GM 4153**

Bare cylinder head
REF [CK556002NA](#)



Valve clearance



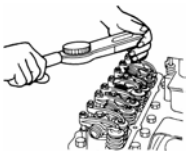
Hydraulic lifters

Cylinder head bolt

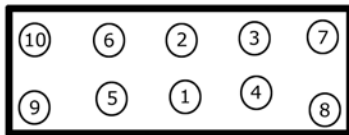


REF [CB556002](#) 10 pcs./eng.

Torque specifications



Cold: 130 Nm





used for: **GM V6 4,3**

Bare cylinder head
REF [CK556004NAA](#)



-1995

Valve clearance



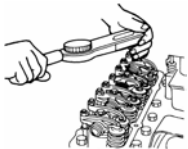
Hydraulic lifters

Cylinder head bolt

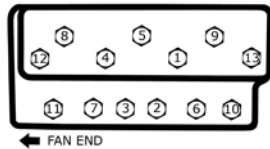


REF [CB556004A](#) 10 pcs./eng. L: 3" 3/4
REF [CB556004B](#) 4 pcs./eng. L: 3"
REF [CB556004C](#) 12 pcs./eng. L: 1" 3/4

Torque specifications



Cold: 30 Nm + 90° + 90°



used for: **GM V6 4,3**

Complete cylinder head
REF [CK556004KPA](#)



-1995

Valve clearance



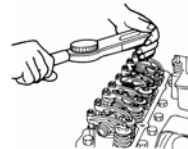
Hydraulic lifters

Cylinder head bolt

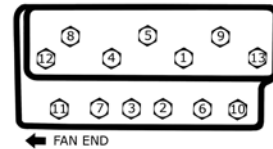


REF [CB556004A](#) 10 pcs./eng. L: 3" 3/4
REF [CB556004B](#) 4 pcs./eng. L: 3"
REF [CB556004C](#) 12 pcs./eng. L: 1" 3/4

Torque specifications



Cold: 30 Nm + 90° + 90°



used for: **GM V6 4,3**

Bare cylinder head
REF [CK556004NAB](#)



1995-1999

Valve clearance



Hydraulic lifters

Cylinder head bolt

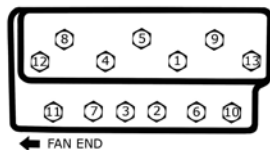


REF [CB556004A](#) 10 pcs./eng. L: 3" 3/4
REF [CB556004B](#) 4 pcs./eng. L: 3"
REF [CB556004C](#) 12 pcs./eng. L: 1" 3/4

Torque specifications



Cold: 30 Nm + 90° + 90°



used for: **GM V6 4,3**

Bare cylinder head
REF [CK556004NAC](#)



1999-

Valve clearance



Hydraulic lifters

Cylinder head bolt

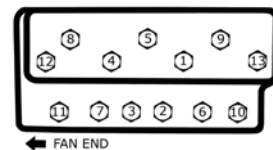


REF [CB556004A](#) 10 pcs./eng. L: 3" 3/4
REF [CB556004B](#) 4 pcs./eng. L: 3"
REF [CB556004C](#) 12 pcs./eng. L: 1" 3/4

Torque specifications



Cold: 30 Nm + 90° + 90°





used for: **GM V6 4,3**

Complete cylinder head

REF [CK556004KPC](#)



1999-

Valve clearance



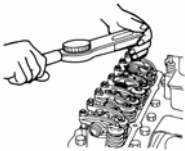
Hydraulic lifters

Cylinder head bolt

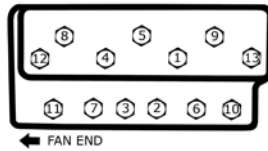


REF [CB556004A](#) 10 pcs./eng. L: 3" 3/4
 REF [CB556004B](#) 4 pcs./eng. L: 3"
 REF [CB556004C](#) 12 pcs./eng. L: 1" 3/4

Torque specifications



Cold: 30 Nm + 90° + 90°



used for: **HATZ 2G30**

Bare cylinder head

REF [CKM81009NA](#)

Valve clearance



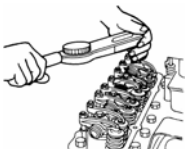
Cold: in: 0,1 mm ex: 0,1 mm

Cylinder head bolt

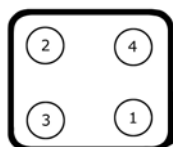


REF [CBM81009](#) 6 pcs./eng.

Torque specifications



Cold: 55 Nm





<p>used for: HATZ 2L40</p> <p>Bare cylinder head REF CKM81003NAA</p>		<p>used for: HATZ 2L40</p> <p>Bare cylinder head REF CKM81003NAB</p>	
<p>Valve clearance</p>  <p>Cold: in: 0,1 mm ex: 0,1 mm</p>	<p>Cylinder head bolt</p>  <p>REF CBM81003 6 pcs./eng.</p>	<p>Valve clearance</p>  <p>Cold: in: 0,1 mm ex: 0,1 mm</p>	<p>Cylinder head bolt</p>  <p>REF CBM81003 6 pcs./eng.</p>
<p>Torque specifications</p>  <p>Cold: 65 Nm</p>		<p>Torque specifications</p>  <p>Cold: 65 Nm</p>	
<p>used for: HATZ 2M40</p> <p>Bare cylinder head REF CKM81001NAA</p>		<p>used for: HATZ 2M40</p> <p>Bare cylinder head REF CKM81001NAB</p>	
<p>Valve clearance</p>  <p>Cold: in: 0,1 mm ex: 0,1 mm</p>	<p>Cylinder head bolt</p>  <p>REF CBM81001 6 pcs./eng.</p>	<p>Valve clearance</p>  <p>Cold: in: 0,1 mm ex: 0,1 mm</p>	<p>Cylinder head bolt</p>  <p>REF CBM81001 6 pcs./eng.</p>
<p>Torque specifications</p>  <p>Cold: 65 Nm</p>		<p>Torque specifications</p>  <p>Cold: 65 Nm</p>	

For any other engine part, please contact us !



<p>used for: HATZ 3L40</p> <p>Bare cylinder head REF CKM81004NAA</p>		<p>used for: HATZ 3L40</p> <p>Bare cylinder head REF CKM81004NAB</p>	
<p>Valve clearance</p>  <p>Cold: in: 0,1 mm ex: 0,1 mm</p>	<p>Cylinder head bolt</p>  <p>REF CBM81004 8 pcs./eng.</p>	<p>Valve clearance</p>  <p>Cold: in: 0,1 mm ex: 0,1 mm</p>	<p>Cylinder head bolt</p>  <p>REF CBM81004 8 pcs./eng.</p>
<p>Torque specifications</p>  <p>Cold: 65 Nm</p> 		<p>Torque specifications</p>  <p>Cold: 65 Nm</p> 	
<p>used for: HATZ 3M40</p> <p>Bare cylinder head REF CKM81002NAA</p>		<p>used for: HATZ 3M40</p> <p>Bare cylinder head REF CKM81002NAB</p>	
<p>Valve clearance</p>  <p>Cold: in: 0,1 mm ex: 0,1 mm</p>	<p>Cylinder head bolt</p>  <p>REF CBM81002 8 pcs./eng.</p>	<p>Valve clearance</p>  <p>Cold: in: 0,1 mm ex: 0,1 mm</p>	<p>Cylinder head bolt</p>  <p>REF CBM81002 8 pcs./eng.</p>
<p>Torque specifications</p>  <p>Cold: 65 Nm</p> 		<p>Torque specifications</p>  <p>Cold: 65 Nm</p> 	



used for: **HYUNDAI L4GC**

Bare cylinder head

REF [CKQ72001NA](#)



Valve clearance



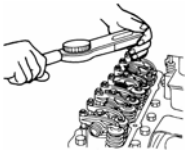
Hydraulic lifters

Cylinder head bolt

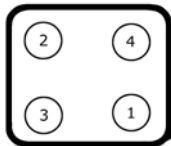


REF [CBQ72001](#) 10 pcs./eng.

Torque specifications



Cold: 3 Nm +60° +60°



used for: **ISUZU 4JB1**

Bare cylinder head

REF [CK134006NA](#)



Valve clearance



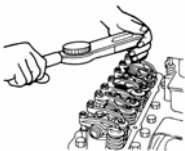
Cold: in: 0,4 mm ex: 0,4 mm

Cylinder head bolt

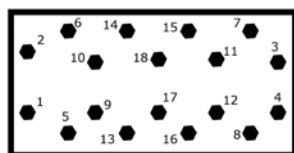


REF [CB134006](#) 18 pcs./eng.

Torque specifications



Cold: 45 Nm +120-150°



For any other engine part, please contact us !



used for: **ISUZU 4JG1**

Bare cylinder head
REF [CK134011NA](#)

Valve clearance



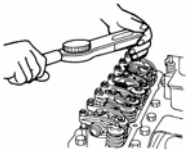
Cold: in: 0,4 mm ex: 0,4 mm

Cylinder head bolt

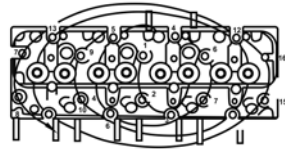


REF [CB134011](#) 18 pcs./eng.

Torque specifications



Cold: 50 Nm +60-75°, 60-75°



used for: **ISUZU 4JG2**

Bare cylinder head
REF [CK134008NA](#)



Valve clearance



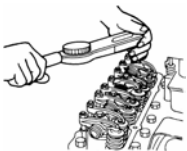
Cold: in: 0,4 mm ex: 0,4 mm

Cylinder head bolt

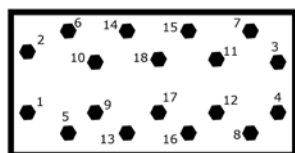


REF [CB134008](#) 18 pcs./eng.

Torque specifications



Cold: 50 Nm +75° +75°



used for: **ISUZU 4JG2**

Complete cylinder head
REF [CK134008KP](#)

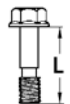


Valve clearance



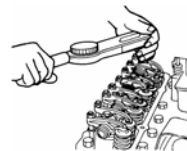
Cold: in: 0,4 mm ex: 0,4 mm

Cylinder head bolt

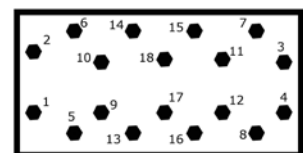


REF [CB134008](#) 18 pcs./eng.

Torque specifications



Cold: 50 Nm +75° +75°





used for: **ISUZU 4LE2 XYSJ01**

Bare cylinder head
REF [CK134012NA](#)

Valve clearance



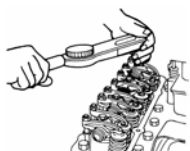
Cold: in: 0,4 mm ex: 0,4 mm

Cylinder head bolt

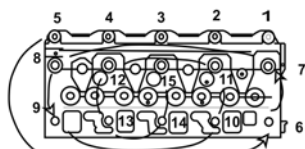


REF [CB134012A](#) 5 pcs./eng.
REF [CB134012B](#) 10 pcs./eng.

Torque specifications



Cold: 83-93 Nm + 60° + 90°



used for: **ISUZU C240**

Bare cylinder head
REF [CK134001NA](#)

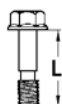


Valve clearance



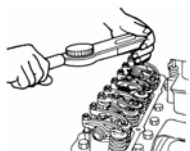
Cold: in: 0,45 mm ex: 0,45 mm

Cylinder head bolt

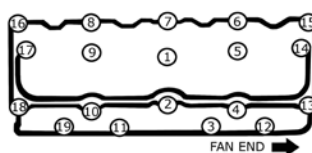


REF [CB134001](#) 19 pcs./eng.

Torque specifications



Cold: 100 Nm



used for: **ISUZU C240**

Complete cylinder head
REF [CK134001KP](#)

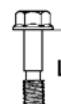


Valve clearance



Cold: in: 0,45 mm ex: 0,45 mm

Cylinder head bolt

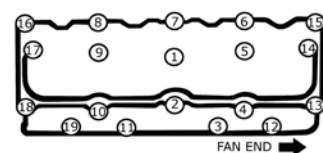


REF [CB134001](#) 19 pcs./eng.

Torque specifications



Cold: 100 Nm





used for: **KOHLER KDI2504 TCR/22**

Bare cylinder head

REF [CK568001NA](#)

Valve clearance



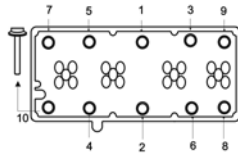
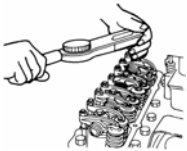
Hydraulic lifters

Cylinder head bolt



REF [CB568001](#) 10 pcs./eng.

Torque specifications



Cold: 40 Nm 70Nm 100Nm +90°+90° +90°

used for: **KOMATSU 4D94E**

Bare cylinder head

REF [CK107005NA](#)



Valve clearance



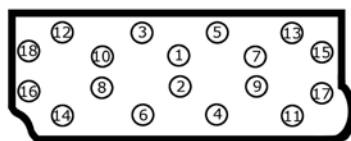
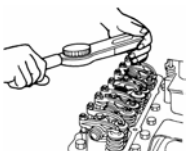
Cold: in: 0,2 mm ex: 0,2 mm

Cylinder head bolt



REF [CB107005](#) 18 pcs./eng.

Torque specifications



Cold: 50 Nm 110 Nm

used for: **KOMATSU 4D94E**

Complete cylinder head

REF [CK107005KP](#)



Valve clearance



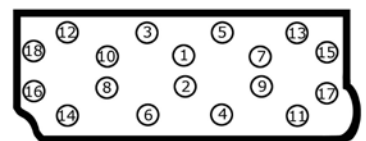
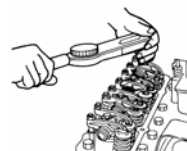
Cold: in: 0,2 mm ex: 0,2 mm

Cylinder head bolt



REF [CB107005](#) 18 pcs./eng.

Torque specifications



Cold: 50 Nm 110 Nm



used for: **KOMATSU 4D95S**

Bare cylinder head
REF [CK107001NAA](#)



Valve clearance



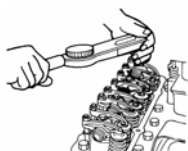
Cold: in: 0,35 mm ex: 0,5 mm

Cylinder head bolt

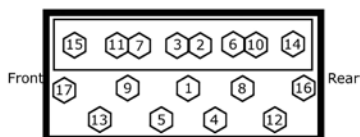


REF [CB107001](#) 17 pcs./eng.

Torque specifications



Cold: 70 Nm 110 Nm +90°



used for: **KOMATSU 4D95S**

Complete cylinder head
REF [CK107001KPA](#)



Valve clearance



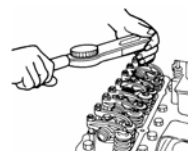
Cold: in: 0,35 mm ex: 0,5 mm

Cylinder head bolt

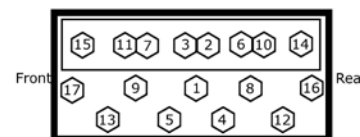


REF [CB107001](#) 17 pcs./eng.

Torque specifications



Cold: 70 Nm 110 Nm +90°



used for: **KOMATSU 4D95SW**

Bare cylinder head
REF [CK107001NAB](#)



Valve clearance



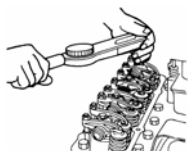
Cold: in: 0,35 mm ex: 0,5 mm

Cylinder head bolt

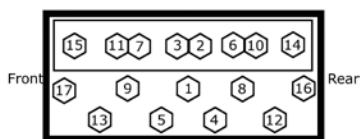


REF [CB107001](#) 17 pcs./eng.

Torque specifications



Cold: 70 Nm 110 Nm +90°



used for: **KOMATSU 4D95SW**

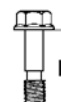
Complete cylinder head
REF [CK107001KPB](#)

Valve clearance



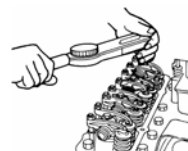
Cold: in: 0,35 mm ex: 0,5 mm

Cylinder head bolt

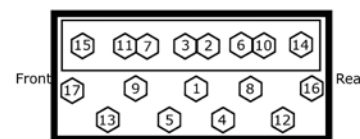


REF [CB107001](#) 17 pcs./eng.

Torque specifications



Cold: 70 Nm 110 Nm +90°





used for: **KOMATSU 4D105**

Bare cylinder head
REF [CK107003NAA](#)

Valve clearance



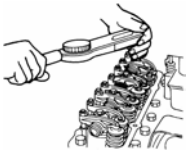
Cold: in: 0,35 mm ex: 0,65 mm

Cylinder head bolt

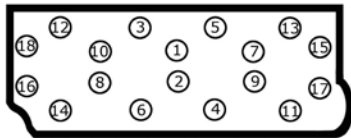


REF [CB107003](#) 18 pcs./eng.

Torque specifications



Cold: 155 Nm



used for: **KOMATSU 4D105**

Bare cylinder head
REF [CK107003NAB](#)

Valve clearance



Cold: in: 0,35 mm ex: 0,65 mm

Cylinder head bolt

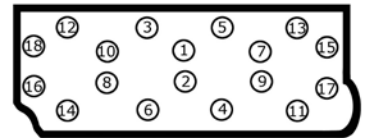


REF [CB107003](#) 18 pcs./eng.

Torque specifications



Cold: 155 Nm



used for: **KOMATSU 6D95L**

Bare cylinder head
REF [CK107002NA](#)



Valve clearance



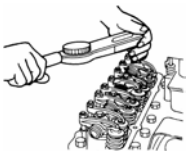
Cold: in: 0,35 mm ex: 0,5 mm

Cylinder head bolt

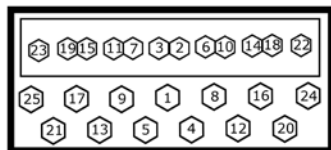


REF [CB107002](#) 25 pcs./eng.

Torque specifications



Cold: 70 Nm 110 Nm 150 Nm





used for: **KUBOTA D902 EHB**

Complete cylinder head

REF [CK857019KP](#)

Valve clearance



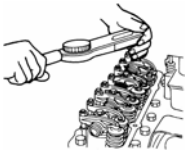
Cold: in: 0,145 - 0,185 mm ex:
0,145 - 0,185 mm

Cylinder head bolt

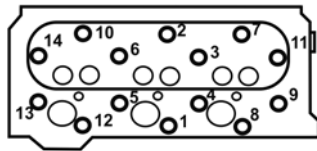


REF [CB857019](#) 14 pcs./eng.

Torque specifications



Cold: 37.3Nm - 42.2Nm



used for: **KUBOTA D902 EHB**

Bare cylinder head

REF [CK857019NA](#)



Valve clearance



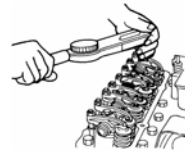
Cold: in: 0,145 - 0,185 mm ex:
0,145 - 0,185 mm

Cylinder head bolt

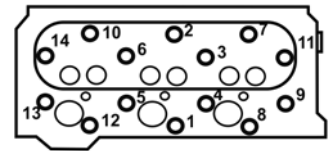


REF [CB857019](#) 14 pcs./eng.

Torque specifications



Cold: 37.3Nm - 42.2Nm



used for: **KUBOTA V2003T**

Complete cylinder head

REF [CK857018KP](#)

Valve clearance



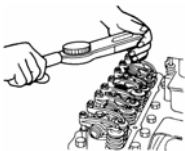
Cold: in: 0,18 - 0,22

Cylinder head bolt

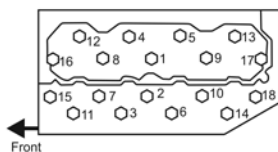


REF [CB857018](#) 18 pcs./eng.

Torque specifications



Cold: 93.2Nm - 98.0Nm



used for: **KUBOTA V2003T**

Bare cylinder head

REF [CK857018NA](#)



Valve clearance



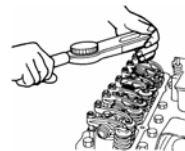
Cold: in: 0,18 - 0,22

Cylinder head bolt

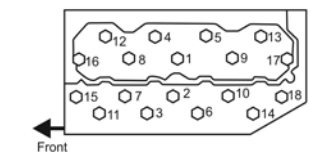


REF [CB857018](#) 18 pcs./eng.

Torque specifications



Cold: 93.2Nm - 98.0Nm





used for: **MAZDA F2**

Bare cylinder head
REF [CK395007NAA](#)



A: 30° valve seat angle

Valve clearance



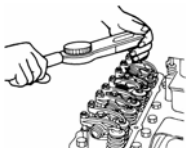
Hot: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

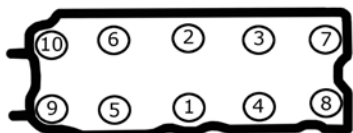


REF [CB395007](#) 10 pcs./eng.

Torque specifications



Cold: 80-85 Nm Hot: 95-100 Nm



used for: **MAZDA F2**

Complete cylinder head
REF [CK395007KPA](#)



A: 30° valve seat angle

Valve clearance



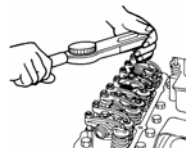
Hot: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

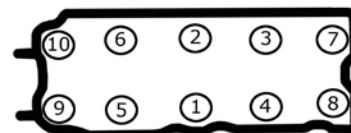


REF [CB395007](#) 10 pcs./eng.

Torque specifications



Cold: 80-85 Nm Hot: 95-100 Nm



used for: **MAZDA F2**

Complete cylinder head with cam shaft
REF [CK395007KNA](#)



A: 30° valve seat angle

Valve clearance



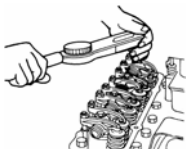
Hot: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

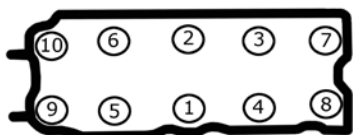


REF [CB395007](#) 10 pcs./eng.

Torque specifications



Cold: 80-85 Nm Hot: 95-100 Nm



used for: **MAZDA F2**

Bare cylinder head
REF [CK395007NAB](#)



B: 45° valve seat angle

Valve clearance



Hot: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

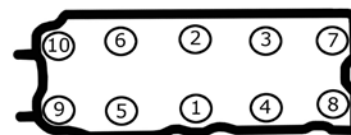


REF [CB395007](#) 10 pcs./eng.

Torque specifications



Cold: 80-85 Nm Hot: 95-100 Nm





used for: **MAZDA F2**

**Complete cylinder head
with cam shaft**
REF [CK395007KNB](#)



B: 45° valve seat angle

Valve clearance



Hot: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

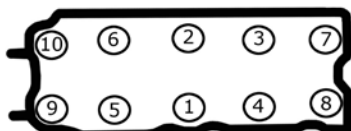


REF [CB395007](#) 10 pcs./eng.

Torque specifications



Cold: 80-85 Nm Hot: 95-100 Nm



used for: **MAZDA FE**

Bare cylinder head
REF [CK395004NAA](#)



A: 30° valve seat angle

Valve clearance



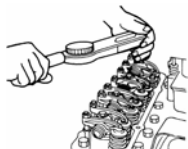
Hot: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

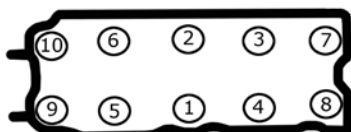


REF [CB395004](#) 10 pcs./eng.

Torque specifications



Cold: 80-90 Nm Hot: 95-100 Nm



used for: **MAZDA FE**

Complete cylinder head
REF [CK395004KPA](#)



A: 30° valve seat angle

Valve clearance



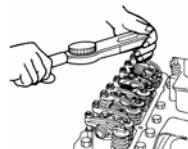
Hot: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

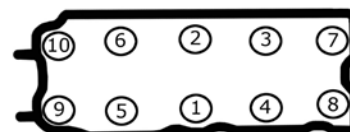


REF [CB395004](#) 10 pcs./eng.

Torque specifications



Cold: 80-90 Nm Hot: 95-100 Nm



For any other engine part, please contact us !



used for: **MAZDA FE**

**Complete cylinder head
with cam shaft**
REF [CK395004KNA](#)



A: 30° valve seat angle

Valve clearance



Hot: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

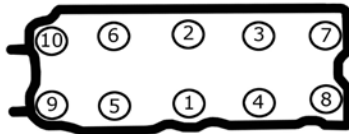


REF [CB395004](#) 10 pcs./eng.

Torque specifications



Cold: 80-90 Nm Hot: 95-100 Nm



used for: **MAZDA FE**

Bare cylinder head
REF [CK395004NAB](#)



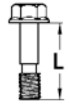
B: 45° valve seat angle

Valve clearance



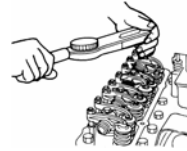
Hot: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

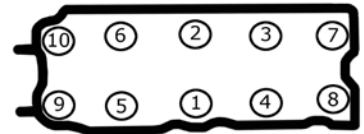


REF [CB395004](#) 10 pcs./eng.

Torque specifications



Cold: 80-90 Nm Hot: 95-100 Nm



used for: **MAZDA FE**

**Complete cylinder head
with cam shaft**
REF [CK395004KNB](#)



B: 45° valve seat angle

Valve clearance



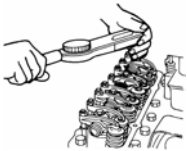
Hot: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

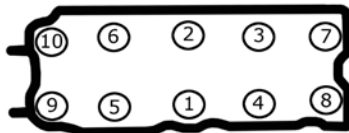


REF [CB395004](#) 10 pcs./eng.

Torque specifications



Cold: 80-90 Nm Hot: 95-100 Nm





used for: **MAZDA HA**

Bare cylinder head
REF [CK395005NA](#)



used for: **MAZDA HA**

Complete cylinder head
REF [CK395005KP](#)

Valve clearance



Hot: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt



REF [CB395005A](#) 11 pcs./eng.
REF [CB395005B](#) 7 pcs./eng.

Valve clearance



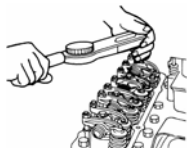
Hot: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

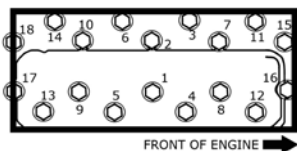


REF [CB395005A](#) 11 pcs./eng.
REF [CB395005B](#) 7 pcs./eng.

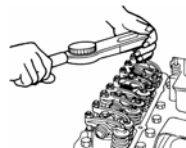
Torque specifications



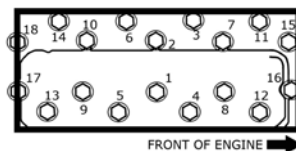
Cold: 120-125 Nm



Torque specifications



Cold: 120-125 Nm



used for: **MAZDA VA**

Bare cylinder head
REF [CK395002NA](#)



used for: **MAZDA VA**

Complete cylinder head
REF [CK395002KP](#)

Valve clearance



Hot: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt



REF [CB395002A](#) 3 pcs./eng.
REF [CB395002B](#) 9 pcs./eng.

Valve clearance



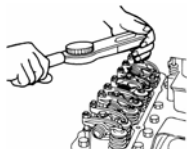
Hot: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

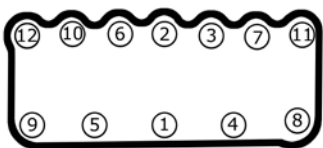


REF [CB395002A](#) 3 pcs./eng.
REF [CB395002B](#) 9 pcs./eng.

Torque specifications



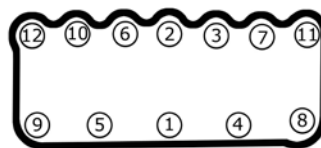
Cold: 85 Nm



Torque specifications



Cold: 85 Nm





used for: **MAZDA XA**

Bare cylinder head
REF [CK395001NA](#)



Valve clearance



Hot: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

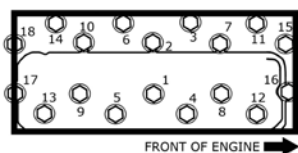


REF [CB395001C](#) 11 pcs./eng.
REF [CB395001D](#) 7 pcs./eng.

Torque specifications



Cold: 3 Nm +90° +90°



used for: **MERCEDES OM314**

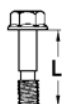
Bare cylinder head
REF [CK676001NA](#)

Valve clearance



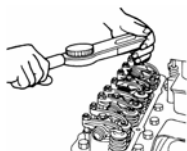
Cold: in: 0,2 mm ex: 0,3 mm

Cylinder head bolt

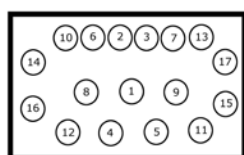


REF [CG676001](#) 17 pcs./eng.
REF [CM676001](#) 17 pcs./eng.

Torque specifications



Cold: 60 Nm 90 Nm 110 Nm



used for: **MERCEDES OM314**

Complete cylinder head
REF [CK676001KP](#)

Valve clearance



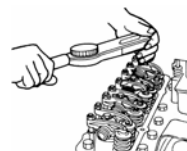
Cold: in: 0,2 mm ex: 0,3 mm

Cylinder head bolt

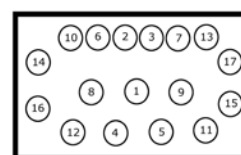


REF [CG676001](#) 17 pcs./eng.
REF [CM676001](#) 17 pcs./eng.

Torque specifications



Cold: 60 Nm 90 Nm 110 Nm





used for: **MITSUBISHI 4DQ5**

Bare cylinder head
REF [CK272001NAA](#)



A: For injectors with M20 thread

Valve clearance



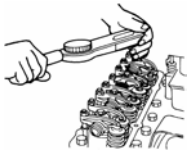
Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

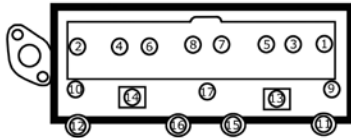


REF [CB272001A](#) 11 pcs./eng.
REF [CB272001B](#) 6 pcs./eng.

Torque specifications



Cold: 120 Nm



used for: **MITSUBISHI 4DQ5**

Bare cylinder head
REF [CK272001NAB](#)



B: For injectors with M24 thread

Valve clearance



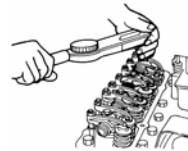
Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

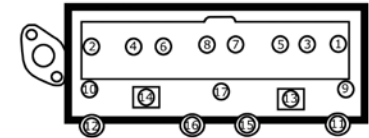


REF [CB272001A](#) 11 pcs./eng.
REF [CB272001B](#) 6 pcs./eng.

Torque specifications



Cold: 120 Nm



used for: **MITSUBISHI 4DQ7**

Bare cylinder head
REF [CK272019NA](#)



Valve clearance



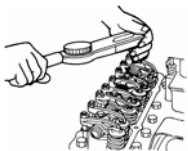
Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

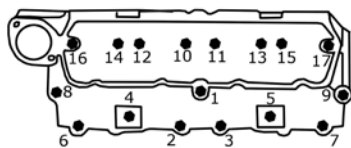


REF [CB272019A](#) 11 pcs./eng.
REF [CB272019B](#) 6 pcs./eng.

Torque specifications



Cold: 120 Nm



used for: **MITSUBISHI 4DQ7**

Complete cylinder head
REF [CK272019KP](#)



Valve clearance



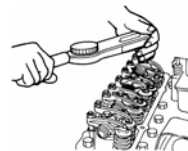
Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

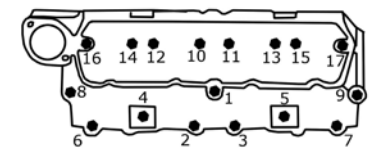


REF [CB272019A](#) 11 pcs./eng.
REF [CB272019B](#) 6 pcs./eng.

Torque specifications



Cold: 120 Nm



For any other engine part, please contact us !



used for: **MITSUBISHI 4G15**

Bare cylinder head

REF [CK272017NA](#)



Valve clearance



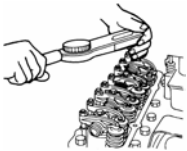
Hot: in: 0,15 mm ex: 0,15 mm

Cylinder head bolt

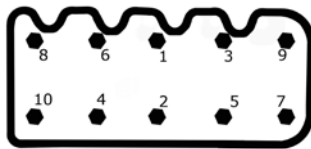


REF [CB272017](#) 10 pcs./eng.

Torque specifications



Cold: 85 Nm



used for: **MITSUBISHI 4G15**

Complete cylinder head

REF [CK272017KP](#)

Valve clearance



Hot: in: 0,15 mm ex: 0,15 mm

Cylinder head bolt

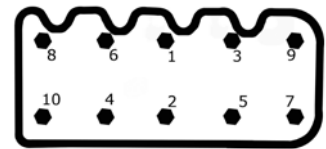


REF [CB272017](#) 10 pcs./eng.

Torque specifications



Cold: 85 Nm



used for: **MITSUBISHI 4G33**

Bare cylinder head

REF [CK272006NAA](#)



A: Until 04/87

Valve clearance



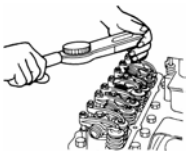
Hot: in: 0,15 mm ex: 0,25 mm

Cylinder head bolt

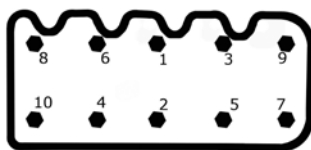


REF [CB272006](#) 10 pcs./eng.

Torque specifications



Cold: 75 Nm Hot: 85 Nm



used for: **MITSUBISHI 4G33**

Bare cylinder head

REF [CK272006NAB](#)



B: From 05/87

Valve clearance



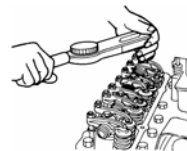
Hot: in: 0,15 mm ex: 0,25 mm

Cylinder head bolt

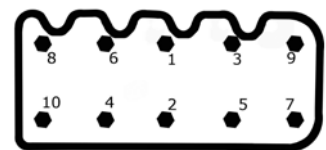


REF [CB272006](#) 10 pcs./eng.

Torque specifications



Cold: 75 Nm Hot: 85 Nm





used for: **MITSUBISHI 4G54**

Bare cylinder head

REF [CK272009NA](#)



Valve clearance



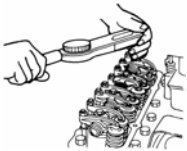
Hot: in: 0,15 mm ex: 0,25 mm

Cylinder head bolt

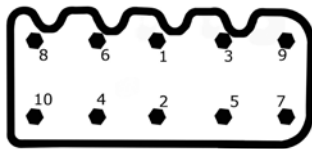


REF [CB272009](#) 10 pcs./eng.

Torque specifications



Cold: 90-100 Nm Hot: 100-110 Nm



used for: **MITSUBISHI 4G54**

Complete cylinder head

REF [CK272009KP](#)



Valve clearance



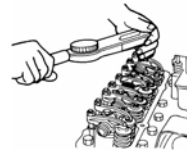
Hot: in: 0,15 mm ex: 0,25 mm

Cylinder head bolt

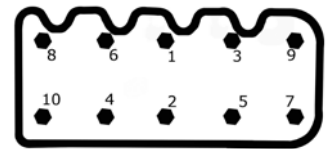


REF [CB272009](#) 10 pcs./eng.

Torque specifications



Cold: 90-100 Nm Hot: 100-110 Nm



used for: **MITSUBISHI 4G54**

Complete cylinder head

REF [CK272009KN](#)



Valve clearance



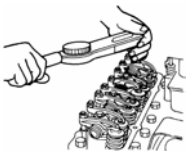
Hot: in: 0,15 mm ex: 0,25 mm

Cylinder head bolt

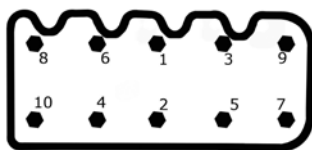


REF [CB272009](#) 10 pcs./eng.

Torque specifications



Cold: 90-100 Nm Hot: 100-110 Nm



For any other engine part, please contact us !



used for: **MITSUBISHI 4G63**

Bare cylinder head
REF [CK272012NAA](#)



A: M12 cylinder head bolt

Valve clearance



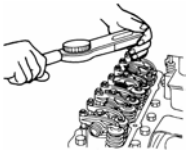
Hydraulic lifters

Cylinder head bolt

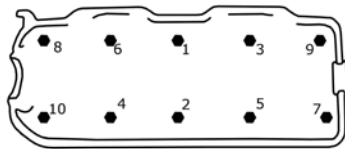


REF [CB272012A](#) 10 pcs./eng.

Torque specifications



Cold: 80 Nm 0 Nm 20 Nm +90° +90°



used for: **MITSUBISHI 4G63**

Complete cylinder head
REF [CK272012KPA](#)



A: M12 cylinder head bolt

Valve clearance



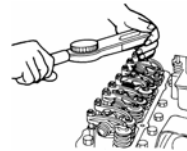
Hydraulic lifters

Cylinder head bolt

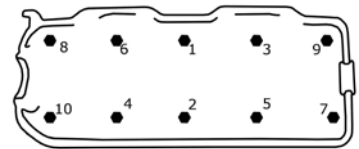


REF [CB272012A](#) 10 pcs./eng.

Torque specifications



Cold: 80 Nm 0 Nm 20 Nm +90° +90°



used for: **MITSUBISHI 4G63**

Bare cylinder head
REF [CK272012NAB](#)



B: M11 cylinder head bolt

Valve clearance



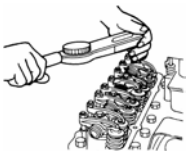
Hydraulic lifters

Cylinder head bolt

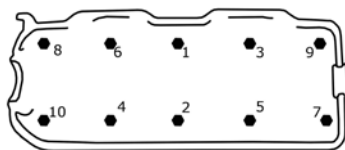


REF [CB272012B](#) 10 pcs./eng.

Torque specifications



Cold: 80 Nm 0 Nm 20 Nm +90° +90°



used for: **MITSUBISHI 4G63**

Complete cylinder head
REF [CK272012KPB](#)



B: M11 cylinder head bolt

Valve clearance



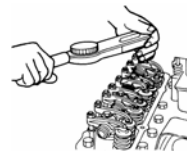
Hydraulic lifters

Cylinder head bolt

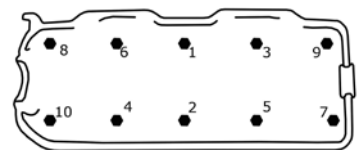


REF [CB272012B](#) 10 pcs./eng.

Torque specifications



Cold: 80 Nm 0 Nm 20 Nm 90° 90°





used for: **MITSUBISHI 4G64**

Bare cylinder head
REF [CK272011NAA](#)



A: M12 cylinder head bolt. For LPG, no access hole for fuel pump

Valve clearance



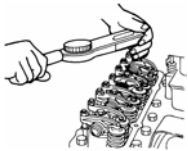
Hydraulic lifters

Cylinder head bolt

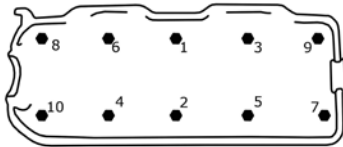


REF [CB272011A](#) 10 pcs./eng.

Torque specifications



Cold: 80 Nm 0 Nm 20 Nm +90° +90°



used for: **MITSUBISHI 4G64**

Complete cylinder head
REF [CK272011KPA](#)



A: M12 cylinder head bolt. For LPG, no access hole for fuel pump

Valve clearance



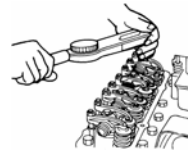
Hydraulic lifters

Cylinder head bolt

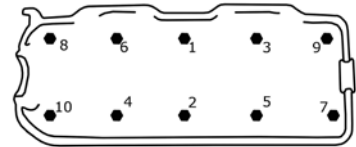


REF [CB272011A](#) 10 pcs./eng.

Torque specifications



Cold: 80 Nm 0 Nm 20 Nm +90° +90°



used for: **MITSUBISHI 4G64**

Bare cylinder head
REF [CK272011NAB](#)



B: M11 cylinder head bolt. For gasoline, with access hole for fuel pump

Valve clearance



Hydraulic lifters

Cylinder head bolt

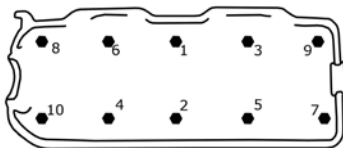


REF [CB272011B](#) 10 pcs./eng.

Torque specifications



Cold: 80 Nm 0 Nm 20 Nm +90° +90°



used for: **MITSUBISHI 4G64**

Complete cylinder head
REF [CK272011KPB](#)



B: M11 cylinder head bolt. For gasoline, with access hole for fuel pump

Valve clearance



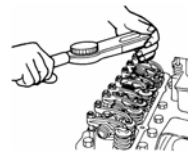
Hydraulic lifters

Cylinder head bolt

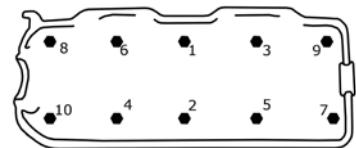


REF [CB272011B](#) 10 pcs./eng.

Torque specifications



Cold: 80 Nm 0 Nm 20 Nm +90° +90°



For any other engine part, please contact us !



used for: **MITSUBISHI 4G64**

Bare cylinder head
REF [CK272011NAC](#)



C: M11 cylinder head bolt. For LPG, no access hole for fuel pump

Valve clearance



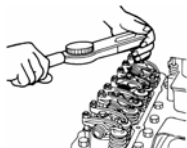
Hydraulic lifters

Cylinder head bolt

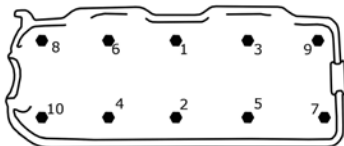


REF [CB272011B](#) 10 pcs./eng.

Torque specifications



Cold: 80 Nm 0 Nm 20 Nm +90° +90°



used for: **MITSUBISHI 4G64**

Complete cylinder head
REF [CK272011KPC](#)



C: M11 cylinder head bolt. For LPG, no access hole for fuel pump

Valve clearance



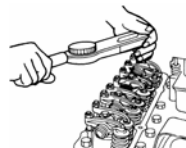
Hydraulic lifters

Cylinder head bolt

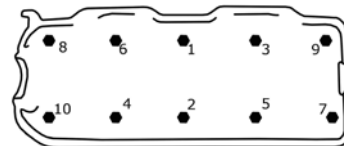


REF [CB272011B](#) 10 pcs./eng.

Torque specifications



Cold: 80 Nm 0 Nm 20 Nm +90° +90°



used for: **MITSUBISHI 6G72**

Bare cylinder head
REF [CK272015NA](#)



Valve clearance



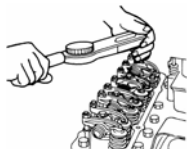
Hydraulic lifters

Cylinder head bolt



REF [CB272015](#) 16 pcs./eng.

Torque specifications



Cold: 90-100 Nm Hot: 90-100 Nm





used for: **mitsubishi L3E**

Bare cylinder head

REF [CK272026NA](#)

Valve clearance



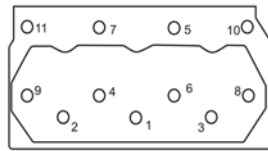
Hot: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt



REF [CB272026A](#) 8 pcs./eng.
REF [CB272026B](#) 3 pcs./eng.

Torque specifications



Cold: Main 73.5Nm-83.4Nm Sub 19.6-29.4 Nm

used for: **mitsubishi S3L2**

Bare cylinder head

REF [CK272025NA](#)



Valve clearance



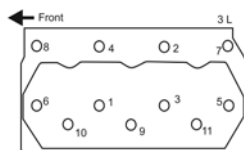
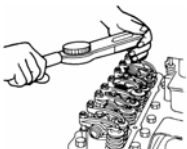
Hot: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt



REF [DB272025](#) 11 pcs./eng.

Torque specifications



Cold: 83.4Nm-93.2Nm

For any other engine part, please contact us !



used for: **MITSUBISHI S4L2-Y163ES**

Bare cylinder head

REF [CK272029NA](#)

Valve clearance



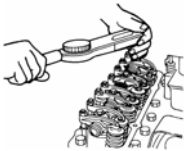
Hot: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

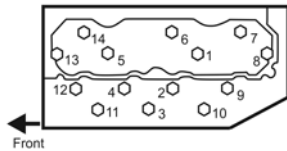


REF [CB272029](#) 14 pcs./eng.

Torque specifications



Cold: 83.4Nm-93.2Nm



used for: **MITSUBISHI S4E**

Bare cylinder head

REF [CK272002NAA](#)



A: For injectors with M20 thread

Valve clearance



Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

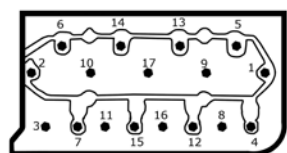


REF [CB272002](#) 17 pcs./eng.

Torque specifications



Cold: 120 Nm



used for: **MITSUBISHI S4E**

Bare cylinder head

REF [CK272002NAB](#)



B: For injectors with M24 thread

Valve clearance



Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

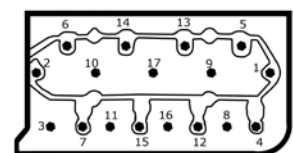


REF [CB272002](#) 17 pcs./eng.

Torque specifications



Cold: 120 Nm





used for: **MITSUBISHI S4E2**

Bare cylinder head
REF [CK272003NAA](#)



A: For injectors with M20 thread

Valve clearance



Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

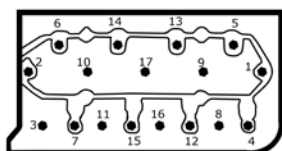


REF [CB272003](#) 17 pcs./eng.

Torque specifications



Cold: 120 Nm



used for: **MITSUBISHI S4E2**

Bare cylinder head
REF [CK272003NAB](#)



B: For Injectors with M24 thread

Valve clearance



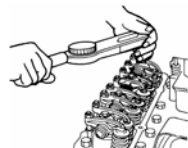
Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

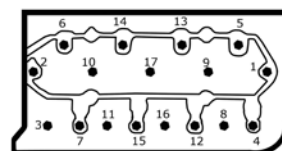


REF [CB272003](#) 17 pcs./eng.

Torque specifications



Cold: 120 Nm



used for: **MITSUBISHI S4Q2**

Bare cylinder head
REF [CK272018NA](#)



Valve clearance



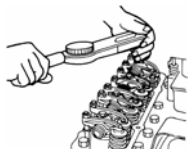
Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

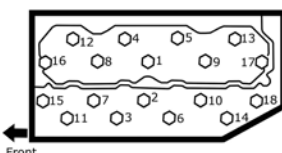


REF [CB272018](#) 18 pcs./eng.

Torque specifications



Cold: 120 Nm



For any other engine part, please contact us !



used for: **MITSUBISHI S4S**

Bare cylinder head
REF [CK272010NA](#)



Valve clearance



Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

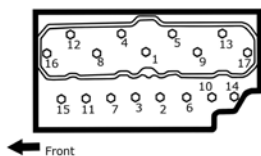


REF [CB272010](#) 17 pcs./eng.

Torque specifications



Cold: 120 Nm



used for: **MITSUBISHI S4S**

Complete cylinder head
REF [CK272010KP](#)



Valve clearance



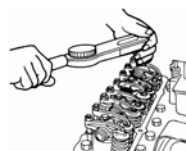
Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

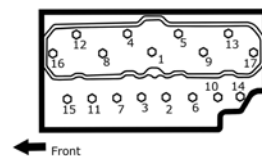


REF [CB272010](#) 17 pcs./eng.

Torque specifications



Cold: 120 Nm



used for: **MITSUBISHI S6E**

Bare cylinder head
REF [CK272004NAA](#)



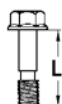
A: REAR

Valve clearance



Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

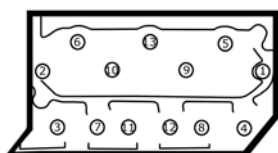


REF [CB272004](#) 13 pcs./eng.

Torque specifications



Cold: 120 Nm



used for: **MITSUBISHI S6E**

Bare cylinder head
REF [CK272004NAV](#)



V: FRONT

Valve clearance



Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

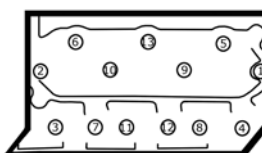


REF [CB272004](#) 13 pcs./eng.

Torque specifications



Cold: 120 Nm





used for: **MITSUBISHI S6E2**

Bare cylinder head
REF [CK272005NAAA](#)



A: REAR, with M20 injector thread

Valve clearance



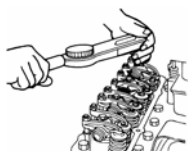
Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

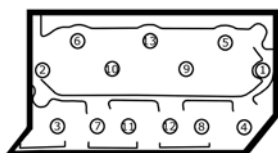


REF [CB272005](#) 13 pcs./eng.

Torque specifications



Cold: 120 Nm



used for: **MITSUBISHI S6E2**

Bare cylinder head
REF [CK272005NAAV](#)



V: FRONT, with M20 injector thread

Valve clearance



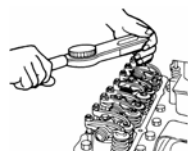
Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

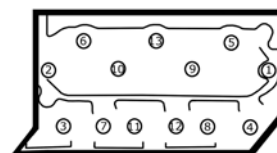


REF [CB272005](#) 13 pcs./eng.

Torque specifications



Cold: 120 Nm



used for: **MITSUBISHI S6K**

Bare cylinder head
REF [CK272021NAA](#)

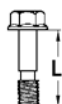
A: REAR

Valve clearance



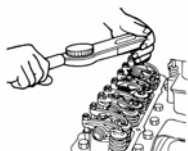
Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

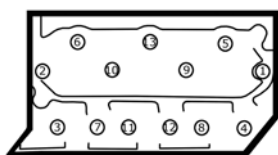


REF [CB272021](#) 13 pcs./eng.

Torque specifications



Cold: 125 Nm



used for: **MITSUBISHI S6K**

Bare cylinder head
REF [CK272021NAV](#)

V: FRONT

Valve clearance



Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

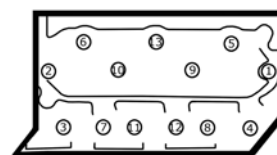


REF [CB272021](#) 13 pcs./eng.

Torque specifications



Cold: 125 Nm





used for: **MITSUBISHI S6S**

Bare cylinder head
REF [CK272020NA](#)



Valve clearance



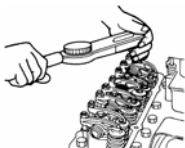
Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

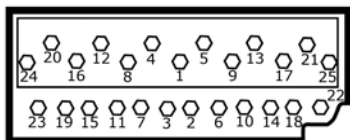


REF [CB272020](#) 25 pcs./eng.

Torque specifications

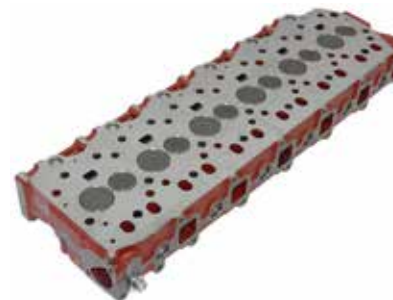


Cold: 120 Nm



used for: **MITSUBISHI S6S**

Complete cylinder head
REF [CK272020KP](#)



Valve clearance



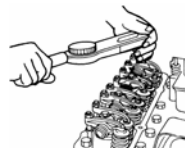
Cold: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

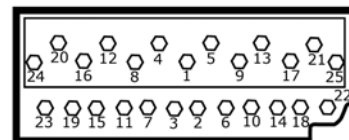


REF [CB272020](#) 25 pcs./eng.

Torque specifications



Cold: 120 Nm



used for: **NISSAN A15**

Complete cylinder head
REF [CK057008KP](#)

Valve clearance



Hot: in: 0,35 mm ex: 0,35 mm

Cylinder head bolt

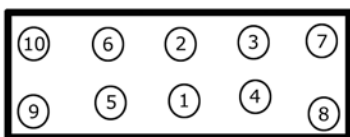


REF [CB057008A](#) 9 pcs./eng. L: 96 mm
REF [CB057008B](#) 1 pcs./eng. L: 110 mm

Torque specifications



Cold: 80 Nm





used for: **NISSAN H15**

Bare cylinder head
REF [CK057013NA](#)



Valve clearance



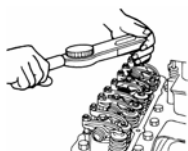
Hot: in: 0,38 mm ex: 0,38 mm

Cylinder head bolt

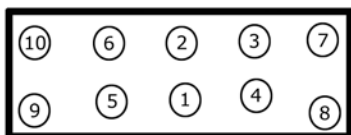


REF [CB057013](#) 10 pcs./eng.

Torque specifications



Cold: 85 Nm



used for: **NISSAN H20**

Bare cylinder head
REF [CK057005NAA](#)

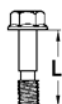
A: Thermostat in cyl. head fixation bolts for thermostat cover

Valve clearance



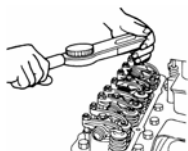
Hot: in: 0,38 mm ex: 0,38 mm

Cylinder head bolt

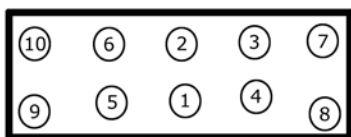


REF [CB057005A](#) 8 pcs./eng. L: 112 mm
REF [CB057005B](#) 2 pcs./eng. L: 119 mm

Torque specifications



Cold: 100 Nm



used for: **NISSAN H20**

Bare cylinder head
REF [CK057005NAB](#)

B: Thermostat not on cyl. head



Valve clearance



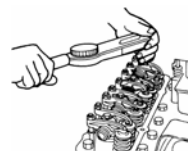
Hot: in: 0,38 mm ex: 0,38 mm

Cylinder head bolt

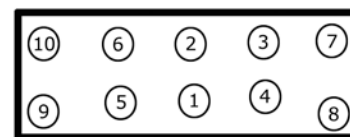


REF [CB057005C](#) 10 pcs./eng.

Torque specifications



Cold: 85 Nm





used for: **NISSAN H20**

Complete cylinder head
REF [CK057005KPB](#)



B: Thermostat not on cyl. head

Valve clearance



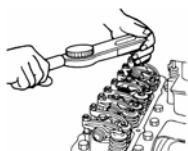
Hot: in: 0,38 mm ex: 0,38 mm

Cylinder head bolt

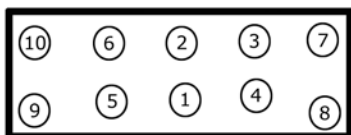


REF [CB057005C](#) 10 pcs./eng.

Torque specifications



Cold: 85 Nm



used for: **NISSAN H20**

Bare cylinder head
REF [CK057005NAC](#)



C: Thermostat on cyl. head 2 fixation bolts for thermostat cover

Valve clearance



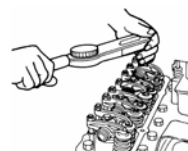
Hot: in: 0,38 mm ex: 0,38 mm

Cylinder head bolt

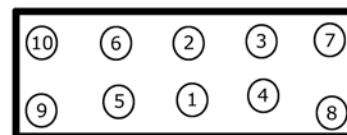


REF [CB057005A](#) 9 pcs./eng.
REF [CB057005B](#) 1 pcs./eng.

Torque specifications



Cold: 85 Nm



used for: **NISSAN H20**

Complete cylinder head
REF [CK057005KPC](#)



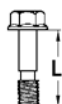
C: Thermostat on cyl. head 2 fixation bolts for thermostat cover

Valve clearance



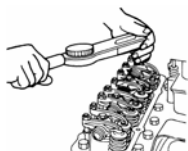
Hot: in: 0,38 mm ex: 0,38 mm

Cylinder head bolt

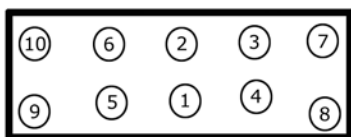


REF [CB057005A](#) 9 pcs./eng.
REF [CB057005B](#) 1 pcs./eng.

Torque specifications



Cold: 85 Nm





used for: **NISSAN H25**

Bare cylinder head
REF [CK057010NA](#)



used for: **NISSAN H25**

Complete cylinder head
REF [CK057010KP](#)



Valve clearance



Hot: in: 0,38 mm ex: 0,38 mm

Cylinder head bolt



REF [CB057010](#) 10 pcs./eng.

Valve clearance



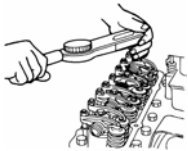
Hot: in: 0,38 mm ex: 0,38 mm

Cylinder head bolt

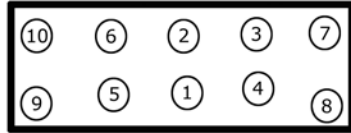


REF [CB057010](#) 10 pcs./eng.

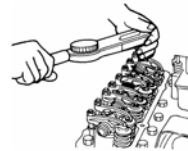
Torque specifications



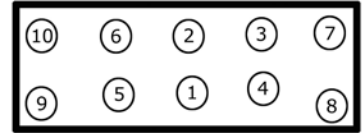
Cold: 95 Nm



Torque specifications



Cold: 95 Nm



used for: **NISSAN K15**

Bare cylinder head
REF [CK057018NA](#)



used for: **NISSAN K15**

Complete cylinder head
REF [CK057018KP](#)



Valve clearance



Hot: in: 0,38 mm ex: 0,38 mm

Cylinder head bolt



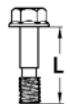
REF [CB057018](#) 10 pcs./eng.

Valve clearance



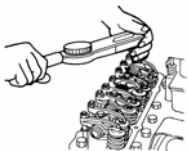
Hot: in: 0,38 mm ex: 0,38 mm

Cylinder head bolt

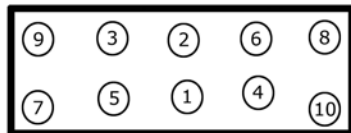


REF [CB057018](#) 10 pcs./eng.

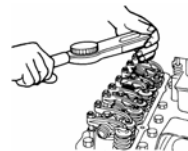
Torque specifications



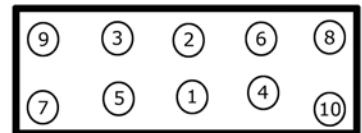
Cold: 20 Nm 70 Nm 0 Nm 25 Nm +90°



Torque specifications



Cold: 20 Nm 70 Nm 0 Nm 25 Nm +90°





used for: **NISSAN K21**

Bare cylinder head
REF [CK057019NA](#)



Valve clearance



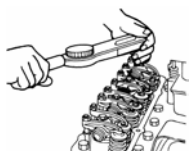
Hot: in: 0,38 mm ex: 0,38 mm

Cylinder head bolt

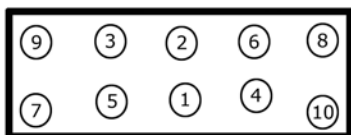


REF [CB057019](#) 10 pcs./eng.

Torque specifications



Cold: 20 Nm 70 Nm 0 Nm 25 Nm +90°



used for: **NISSAN K21**

Complete cylinder head
REF [CK057019KP](#)



Valve clearance



Hot: in: 0,38 mm ex: 0,38 mm

Cylinder head bolt

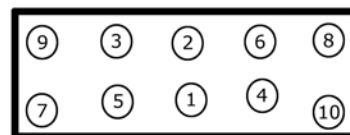


REF [CB057019](#) 10 pcs./eng.

Torque specifications



Cold: 20 Nm 70 Nm 0 Nm 25 Nm +90°



used for: **NISSAN K25**

Bare cylinder head
REF [CK057020NA](#)

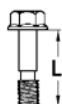


Valve clearance



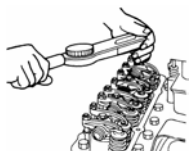
Hot: in: 0,38 mm ex: 0,38 mm

Cylinder head bolt

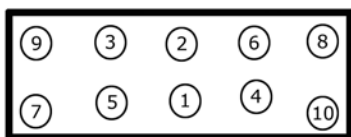


REF [CB057020](#) 10 pcs./eng.

Torque specifications



Cold: 20 Nm 70 Nm 0 Nm 25 Nm +90°



used for: **NISSAN K25**

Complete cylinder head
REF [CK057020KP](#)

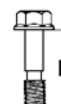


Valve clearance



Hot: in: 0,38 mm ex: 0,38 mm

Cylinder head bolt

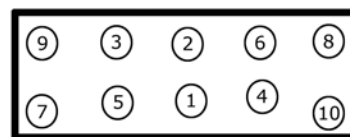


REF [CB057020](#) 10 pcs./eng.

Torque specifications



Cold: 20 Nm 70 Nm 0 Nm 25 Nm +90°





used for: **NISSAN SD22**

Bare cylinder head
REF [CK057001NA](#)



Valve clearance



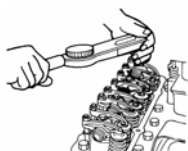
Hot: in: 0,35 mm ex: 0,35 mm

Cylinder head bolt

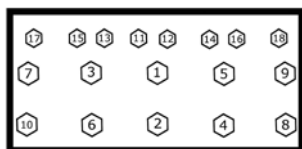


REF [CB057001A](#) 10 pcs./eng. L: 118 mm
REF [CB057001B](#) 8 pcs./eng. L: 95 mm

Torque specifications



Cold: M10: 50 Nm M14: 120 Nm



used for: **NISSAN SD25**

Bare cylinder head
REF [CK057002NA](#)

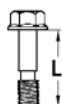


Valve clearance



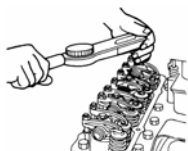
Hot: in: 0,35 mm ex: 0,35 mm

Cylinder head bolt

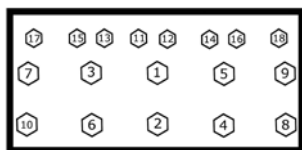


REF [CB057001A](#) 10 pcs./eng. L: 118 mm
REF [CB057001B](#) 8 pcs./eng. L: 95 mm

Torque specifications



Cold: M10: 50 Nm M14: 120 Nm



used for: **NISSAN SD25**

Complete cylinder head
REF [CK057002KP](#)



Valve clearance



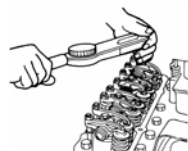
Hot: in: 0,35 mm ex: 0,35 mm

Cylinder head bolt

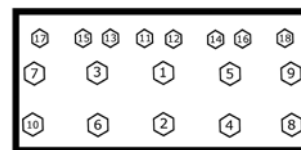


REF [CB057001A](#) 10 pcs./eng. L: 118 mm
REF [CB057001B](#) 8 pcs./eng. L: 95 mm

Torque specifications



Cold: M10: 50 Nm M14: 120 Nm



For any other engine part, please contact us !



used for: **NISSAN SD33T**

Bare cylinder head
REF [CK057003NA](#)



Valve clearance



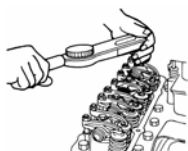
Cold: in: 0,36 mm ex: 0,36 mm

Cylinder head bolt

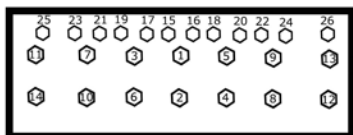


REF [CB057003A](#) 14 pcs./eng. L: 118 mm
REF [CB057003B](#) 12 pcs./eng. L: 118 mm

Torque specifications



Cold: M10: 55 Nm M14: 70 Nm: 120 Nm



used for: **NISSAN TB42**

Bare cylinder head
REF [CK057015NA](#)

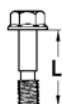


Valve clearance



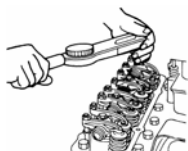
Hot: in: 0,38 mm ex: 0,38 mm

Cylinder head bolt

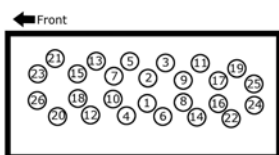


REF [CB057015](#) 26 pcs./eng.

Torque specifications



Cold: 30 Nm 60 Nm 0 Nm 30 Nm 75 Nm +70°



used for: **NISSAN TB42**

Complete cylinder head
REF [CK057015KP](#)



Valve clearance



Hot: in: 0,38 mm ex: 0,38 mm

Cylinder head bolt

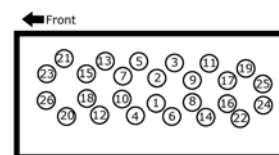


REF [CB057015](#) 26 pcs./eng.

Torque specifications



Cold: 30 Nm 60 Nm 0 Nm 30 Nm 75 Nm +70°





used for: **NISSAN TD27**

Bare cylinder head
REF [CK057011NA](#)



Valve clearance



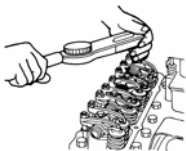
Hot: in: 0,35 mm ex: 0,35 mm

Cylinder head bolt

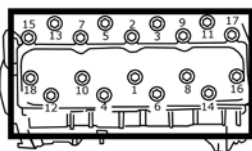


REF [CB057011](#) 18 pcs./eng.

Torque specifications



Cold: 40 Nm 60 Nm +90°



used for: **NISSAN TD27**

Complete cylinder head
REF [CK057011KP](#)



Valve clearance



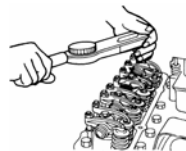
Hot: in: 0,35 mm ex: 0,35 mm

Cylinder head bolt

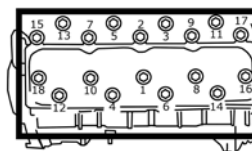


REF [CB057011](#) 18 pcs./eng.

Torque specifications



Cold: 40 Nm 60 Nm +90°



used for: **NISSAN TD42**

Bare cylinder head
REF [CK057014NA](#)



Valve clearance



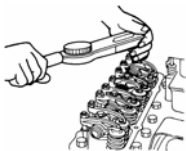
Hot: in: 0,35 mm ex: 0,35 mm

Cylinder head bolt

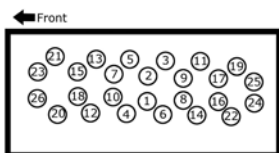


REF [CB057014](#) 26 pcs./eng.

Torque specifications



Cold: 110 Nm





used for: **NISSAN Z24**

Bare cylinder head
REF [CK057007NA](#)



Valve clearance



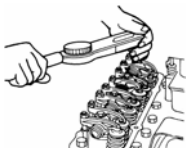
Hot: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

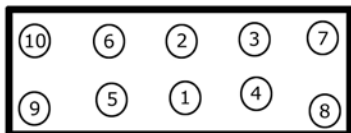


REF [CB057007](#) 10 pcs./eng.

Torque specifications



Cold: 100 Nm



used for: **NISSAN Z24**

Complete cylinder head
REF [CK057007KP](#)



Valve clearance



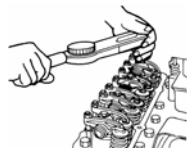
Hot: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

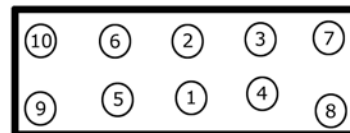


REF [CB057007](#) 10 pcs./eng.

Torque specifications



Cold: 100 Nm



used for: **PERKINS 4.203**

Bare cylinder head
REF [CK054002NA](#)



Valve clearance



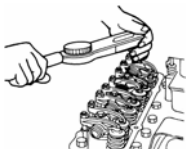
Hot: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

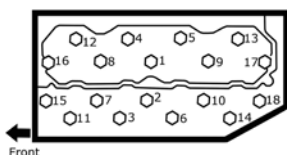


REF [CG054002A](#) 8 pcs./eng. SHORT
REF [CG054002B](#) 10 pcs./eng. LONG

Torque specifications



Cold: 100 Nm



used for: **PERKINS 4.203**

Complete cylinder head
REF [CK054002KP](#)



Valve clearance



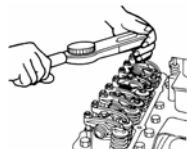
Hot: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

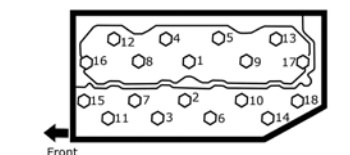


REF [CG054002A](#) 8 pcs./eng. SHORT
REF [CG054002B](#) 10 pcs./eng. LONG

Torque specifications



Cold: 100 Nm





used for: **PERKINS 4.236**

Complete cylinder head

REF **CK054001KP**



Valve clearance

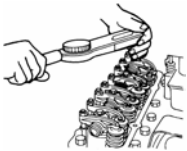


Hot: in: 0,25 mm ex: 0,25 mm

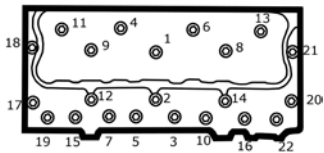
Cylinder head bolt



Torque specifications



Cold: 1/2" : 130 Nm 7/16" : 85 Nm



used for: **PERKINS 4.248.2**

Complete cylinder head

REF **CK054003KP**



Valve clearance



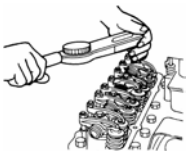
Hot: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt

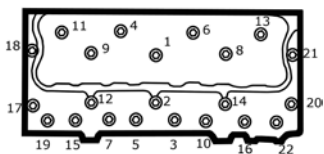


REF **CG054003A** 6 pcs./eng.
REF **CG054003B** 12 pcs./eng.
REF **CG054003C** 2 pcs./eng.

Torque specifications



Cold: 7/16" : 85 Nm 1/2" : 130 Nm



For any other engine part, please contact us !



used for: **PERKINS 6.354**

Complete cylinder head

REF **CK054005KP**

Valve clearance

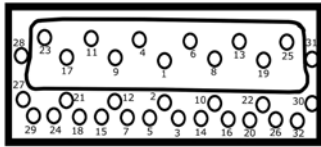
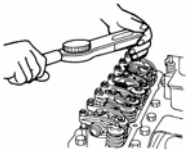


Hot: in: 0,25 mm ex: 0,25 mm

Cylinder head bolt



Torque specifications



Torque of cylinder head nuts 1/2" UNF: 136Nm
Torque of cylinder head nuts 7/16" UNF: 81Nm

used for: **PERKINS 6.354.4**

Complete cylinder head

REF **CK054006KP**

Valve clearance



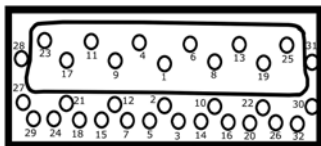
Cold: in: 0,2 mm ex: 0,45 mm

Cylinder head bolt



REF **CB054006A** 12 pcs./eng.
REF **CB054006B** 6 pcs./eng.

Torque specifications



Cold: 130 Nm



used for: **PERKINS 103.10 KD50316**

Complete cylinder head

REF [CK054020KP](#)



Valve clearance



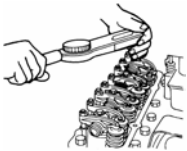
Cold: in: 0,2 mm ex: 0,2 mm

Cylinder head bolt

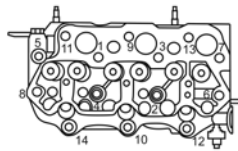


REF [CB054020A](#) 11 pcs./eng.
REF [CB054020B](#) 3 pcs./eng.

Torque specifications



Cold: 51 Nm 100 Nm



used for: **PERKINS 403C15**

Complete cylinder head

REF [CK054014KP](#)



Valve clearance



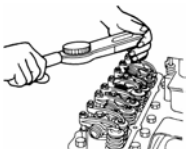
Cold: in: 0,2 mm ex: 0,2 mm

Cylinder head bolt

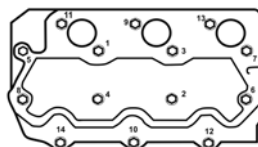


REF [CB054014](#) 14 pcs./eng.

Torque specifications



Cold: 100.5Nm



For any other engine part, please contact us !



used for: **PERKINS 403C17**

Complete cylinder head

REF [CK054015KP](#)



Valve clearance



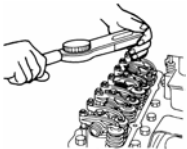
Cold: in: 0,2 mm ex: 0,2 mm

Cylinder head bolt

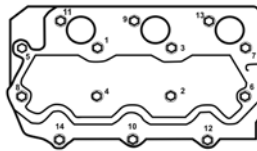


REF [CB0541015A](#) 11 pcs./eng.
REF [CB0541015B](#)

Torque specifications



Cold: 100.5Nm



used for: **PERKINS 403D11**

Complete cylinder head

REF [CK054016KP](#)



Valve clearance



Cold: in: 0,2 mm ex: 0,2 mm

Cylinder head bolt

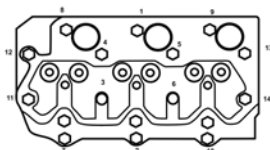


REF [CB054016](#) 11 pcs./eng.

Torque specifications



Cold: 51Nm





used for: **PERKINS 403D15**

Complete cylinder head

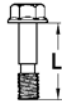
REF [CK054017KP](#)

Valve clearance



Cold: in: 0,2 mm ex: 0,2 mm

Cylinder head bolt

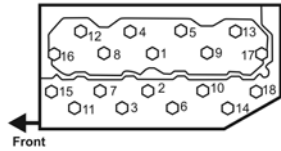


REF [CB054017](#) 14 pcs./eng.

Torque specifications



Cold: 101Nm



used for: **PERKINS 403D17**

Complete cylinder head

REF [CK054018KP](#)

Valve clearance



Cold: in: 0,2 mm ex: 0,2 mm

Cylinder head bolt

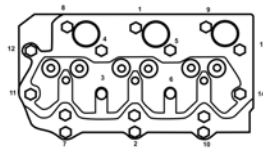


REF [CB054018](#) 11 pcs./eng.

Torque specifications



Cold: 101 Nm



For any other engine part, please contact us !



used for: **PERKINS 404D-22 GN66167**

Complete cylinder head
REF [CK054021KP](#)



Valve clearance



Cold: in: 0,2 mm ex: 0,2 mm

Cylinder head bolt

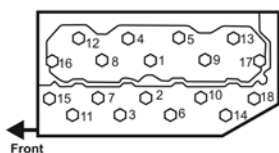


REF [CB054021A](#) 14 pcs./eng.
REF [CB054021B](#) 4 pcs./eng.

Torque specifications



Cold: 101 Nm



used for: **PERKINS 903.27**

Complete cylinder head
REF [CK054008KPA](#)

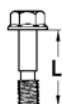
A: S/N U3119248B ~ U330416D

Valve clearance



Cold: in: 0,2 mm ex: 0,45 mm

Cylinder head bolt

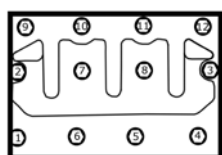


REF [CB054008](#) 8 pcs./eng.
REF [CG054008](#) 4 pcs./eng.

Torque specifications



Cold: Bolts: 70 Nm +60° +60°
Nuts: 60 Nm +60°



used for: **PERKINS 903.27**

Complete cylinder head
REF [CK054008KPB](#)

B: Until S/N U31192BB

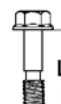


Valve clearance



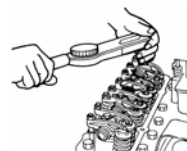
Cold: in: 0,2 mm ex: 0,45 mm

Cylinder head bolt

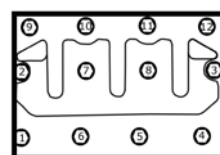


REF [CB054008A](#) 8 pcs./eng.
REF [CB054008B](#) 4 pcs./eng.

Torque specifications



Cold: 70 Nm +60° +60°





used for: **PERKINS 903.27**

Complete cylinder head

REF **CK054008KPC**



C: From S/N U330417D

Valve clearance



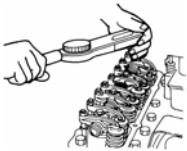
Cold: in: 0,2 mm ex: 0,45 mm

Cylinder head bolt

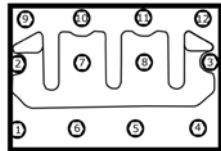


REF **CB054008A** 8 pcs./eng.
REF **CB054008B** 4 pcs./eng.

Torque specifications



Cold: 70 Nm +60° +60°



used for: **PERKINS 1004.4**

Complete cylinder head

REF **CK054007KP**



Valve clearance



Cold: in: 0,2 mm ex: 0,45 mm

Cylinder head bolt

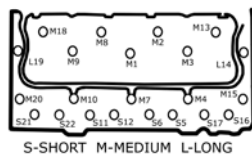


REF **CB054007A** 2 pcs./eng. LONG
REF **CB054007B** 8 pcs./eng. SHORT
REF **CB054007C** 12 pcs./eng. MEDIUM

Torque specifications



Cold: 110 Nm L:+210° S: +150° M: +180°





used for: **PEUGEOT XD3P**

Bare cylinder head
REF [CK678001NAA](#)



A: Hight of cyl. head: 73 mm

Valve clearance



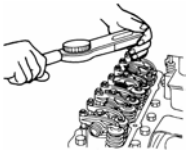
Cold: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

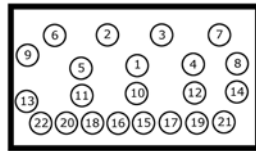


REF [CB678001A](#) 7 pcs./eng.
REF [CB678001B](#) 7 pcs./eng.
REF [CB678001C](#) 8 pcs./eng.

Torque specifications



Cold: 80 Nm



used for: **PEUGEOT XD3P**

Complete cylinder head
REF [CK678001KPA](#)



A: Hight of cyl. head: 73 mm

Valve clearance



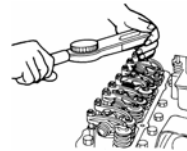
Cold: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

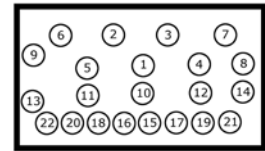


REF [CB678001A](#) 7 pcs./eng.
REF [CB678001B](#) 7 pcs./eng.
REF [CB678001C](#) 8 pcs./eng.

Torque specifications



Cold: 80 Nm



used for: **PEUGEOT XD3P**

Bare cylinder head
REF [CK678001NAB](#)



B: Hight of cyl. Head: 83 mm

Valve clearance



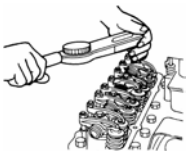
Cold: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

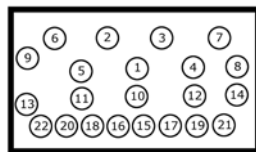


REF [CB678001A](#) 7 pcs./eng. L: 107,5 mm
REF [CB678001B](#) 7 pcs./eng. L: 120 mm
REF [CB678001C](#) 8 pcs./eng. L: 97,5 mm

Torque specifications



Cold: 80 Nm



used for: **PEUGEOT XD3P**

Complete cylinder head
REF [CK678001KPB](#)



B: Hight of cyl. Head: 83 mm

Valve clearance



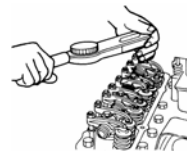
Cold: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

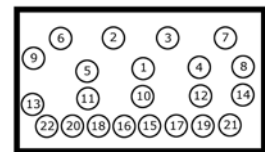


REF [CB678001A](#) 7 pcs./eng. L: 107,5 mm
REF [CB678001B](#) 7 pcs./eng. L: 120 mm
REF [CB678001C](#) 8 pcs./eng. L: 97,5 mm

Torque specifications



Cold: 80 Nm





used for: **TOYOTA 1DZ**

Bare cylinder head
REF [CK058009NAA](#)



Valve clearance



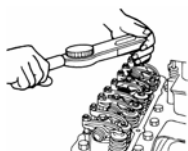
Cold: in: 0,2 mm ex: 0,36 mm

Cylinder head bolt

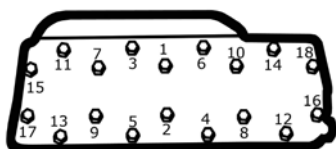


REF [CB058009](#) 18 pcs./eng.

Torque specifications



Cold: 100 Nm



used for: **TOYOTA 1DZ**

Complete cylinder head
REF [CK058009KPA](#)



Valve clearance



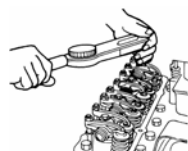
Cold: in: 0,2 mm ex: 0,36 mm

Cylinder head bolt

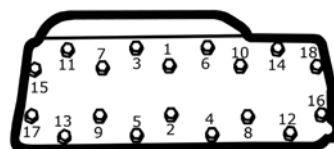


REF [CB058009](#) 18 pcs./eng.

Torque specifications



Cold: 100 Nm



used for: **TOYOTA 1DZII**

Bare cylinder head
REF [CK058009NAB](#)

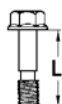


Valve clearance



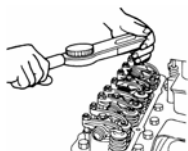
Hot: in: 0,2 mm ex: 0,36 mm

Cylinder head bolt

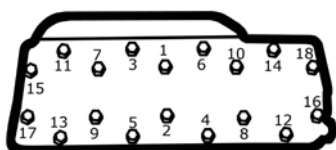


REF [CB058009](#) 18 pcs./eng.

Torque specifications



Cold: 100 Nm



used for: **TOYOTA 1DZII**

Complete cylinder head
REF [CK058009KPB](#)



Valve clearance



Hot: in: 0,2 mm ex: 0,36 mm

Cylinder head bolt

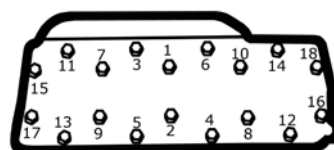


REF [CB058009](#) 18 pcs./eng.

Torque specifications



Cold: 100 Nm



For any other engine part, please contact us !



used for: **TOYOTA 1Z**

Bare cylinder head
REF [CK058003NA](#)



Valve clearance



Hot: in: 0,2 mm ex: 0,36 mm

Cylinder head bolt

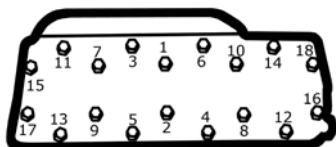


REF [CB058003](#) 18 pcs./eng.

Torque specifications



Cold: 120 Nm



used for: **TOYOTA 1Z**

Complete cylinder head
REF [CK058003KP](#)



Valve clearance



Hot: in: 0,2 mm ex: 0,36 mm

Cylinder head bolt

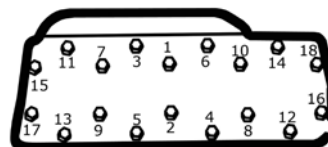


REF [CB058003](#) 18 pcs./eng.

Torque specifications



Cold: 120 Nm



used for: **TOYOTA 2H**

Bare cylinder head
REF [CK058011NAA](#)



Old ~ 12/1982

Valve clearance



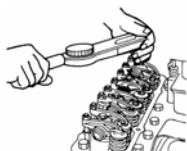
Hot: in: 0,2 mm ex: 0,35 mm

Cylinder head bolt

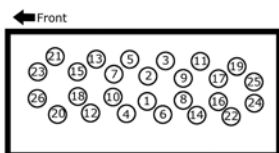


REF [CB058011A](#) 26 pcs./eng. L: 123 mm

Torque specifications



Cold: 120 Nm



used for: **TOYOTA 2H**

Bare cylinder head
REF [CK058011NAB](#)



New 12/82-

Valve clearance



Hot: in: 0,2 mm ex: 0,35 mm

Cylinder head bolt

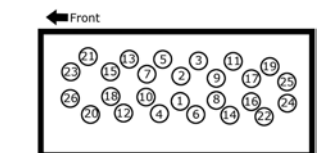


REF [CB058011B](#) 26 pcs./eng. L: 132 mm
REF [CB058011C](#) 26 pcs./eng. L: 128 mm

Torque specifications



Cold: 120 Nm





used for: **TOYOTA 2J**

Bare cylinder head
REF [CK058006NA](#)



Valve clearance



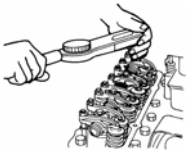
Hot: in: 0,2 mm ex: 0,36 mm

Cylinder head bolt

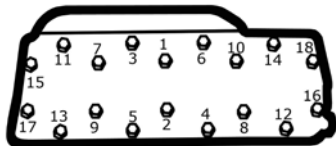


REF [CB058006](#) 18 pcs./eng.

Torque specifications



Cold: 100 Nm



used for: **TOYOTA 2J**

Complete cylinder head
REF [CK058006KP](#)



Valve clearance



Hot: in: 0,2 mm ex: 0,36 mm

Cylinder head bolt

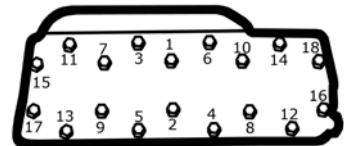


REF [CB058006](#) 18 pcs./eng.

Torque specifications



Cold: 100 Nm



used for: **TOYOTA 2Z**

Bare cylinder head
REF [CK058016NAA](#)



A: 6-Series

Valve clearance



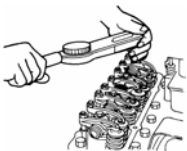
Hot: in: 0,2 mm ex: 0,36 mm

Cylinder head bolt

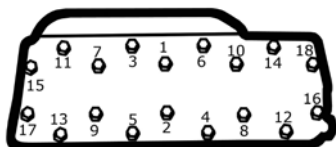


REF [CB058016](#) 18 pcs./eng.

Torque specifications



Cold: 120 Nm



used for: **TOYOTA 2Z**

Complete cylinder head
REF [CK058016KPA](#)



A: 6-Series

Valve clearance



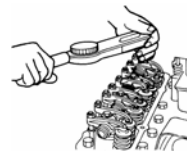
Hot: in: 0,2 mm ex: 0,36 mm

Cylinder head bolt

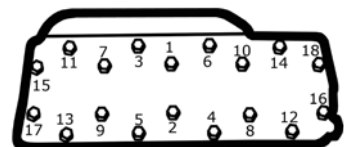


REF [CB058016](#) 18 pcs./eng.

Torque specifications



Cold: 120 Nm





used for: **TOYOTA 2Z**

Bare cylinder head
REF [CK058016NAB](#)



B: 7-series

Valve clearance



Hot: in: 0,2 mm ex: 0,36 mm

Cylinder head bolt

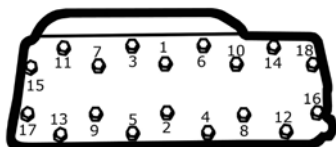


REF [CB058016](#) 18 pcs./eng.

Torque specifications



Cold: 120 Nm



used for: **TOYOTA 2Z**

Complete cylinder head
REF [CK058016KPB](#)



B: 7-series

Valve clearance



Hot: in: 0,2 mm ex: 0,36 mm

Cylinder head bolt

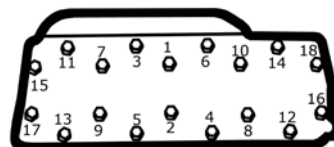


REF [CB058016](#) 18 pcs./eng.

Torque specifications



Cold: 120 Nm



used for: **TOYOTA 4P**

Bare cylinder head
REF [CK058002NAA](#)



Valve clearance



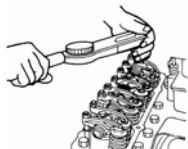
Hot: in: 0,2 mm ex: 0,36 mm

Cylinder head bolt

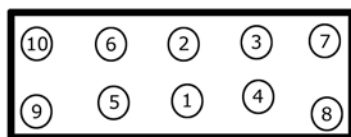


REF [CB058002](#) 10 pcs./eng.

Torque specifications



Cold: 110 Nm



used for: **TOYOTA 4P**

Complete cylinder head
REF [CK058002KPA](#)



Valve clearance



Hot: in: 0,2 mm ex: 0,36 mm

Cylinder head bolt

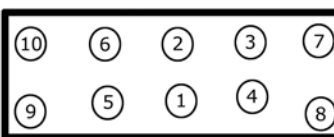


REF [CB058002](#) 10 pcs./eng.

Torque specifications



Cold: 110 Nm





used for: **TOYOTA 4P**

Bare cylinder head
REF [CK058002NAB](#)



used for: **TOYOTA 4P**

Complete cylinder head
REF [CK058002KPB](#)



Valve clearance



Hot: in: 0,2 mm ex: 0,36 mm

Cylinder head bolt



REF [CB058002](#) 10 pcs./eng.

Valve clearance



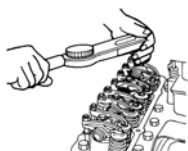
Hot: in: 0,2 mm ex: 0,36 mm

Cylinder head bolt

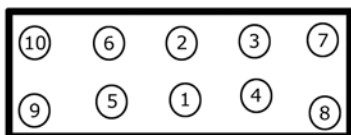


REF [CB058002](#) 10 pcs./eng.

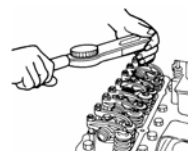
Torque specifications



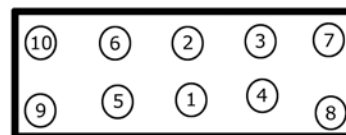
Cold: 110 Nm



Torque specifications



Cold: 110 Nm



used for: **TOYOTA 4Y**

Bare cylinder head
REF [CK058007NA](#)



used for: **TOYOTA 4Y**

Complete cylinder head
REF [CK058007KP](#)

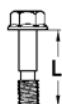


Valve clearance



Hydraulic lifters

Cylinder head bolt



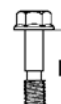
REF [CB058007](#) 10 pcs./eng.

Valve clearance



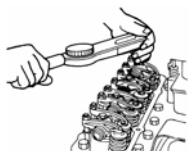
Hydraulic lifters

Cylinder head bolt

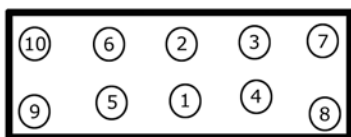


REF [CB058007](#) 10 pcs./eng.

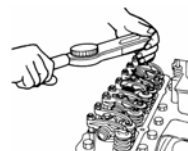
Torque specifications



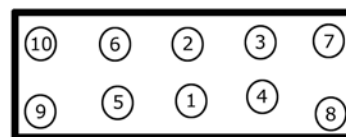
Cold: 100 Nm



Torque specifications



Cold: 100 Nm





used for: **TOYOTA 5K**

Bare cylinder head
REF [CK058008NA](#)



Valve clearance



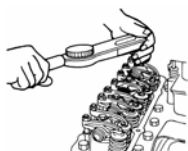
Hydraulic lifters

Cylinder head bolt

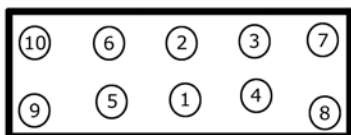


REF [CB058008](#) 10 pcs./eng.

Torque specifications



Cold: 20 Nm 40 Nm 60 Nm 0 Nm 60 Nm



used for: **TOYOTA 5K**

Complete cylinder head
REF [CK058008KP](#)



Valve clearance



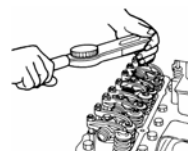
Hydraulic lifters

Cylinder head bolt

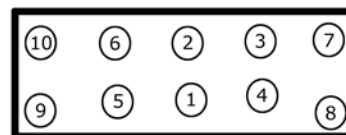


REF [CB058008](#) 10 pcs./eng.

Torque specifications



Cold: 20 Nm 40 Nm 60 Nm 0 Nm 60 Nm



used for: **VOLVO D3.1 ACAE2EC3U**

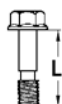
Complete cylinder head
REF [CK812004KP](#)

Valve clearance



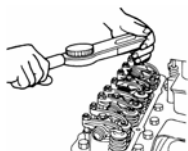
Hot: in: 0,15-0,25 mm ex: 0,15-0,25 mm

Cylinder head bolt



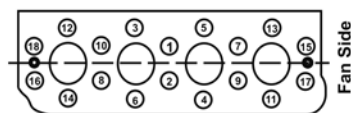
REF [CB812004](#) 18 pcs./eng.

Torque specifications



Cold: 49 Nm 103.1Nm

Assembly Camshaft Side





used for: **VOLVO D3.4 ACAE2EC4U**

Complete cylinder head
REF [CK812005KP](#)

Valve clearance



Hot: in: 0,15-0,25 mm ex: 0,15-0,25 mm

Cylinder head bolt



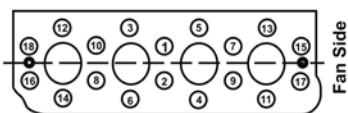
REF [CB812005](#) 18 pcs./eng.

Torque specifications



Cold: 41.1Nm 85.3Nm

Assembly Camshaft Side



used for: **VW 028B**

Bare cylinder head
REF [CK504001NA](#)

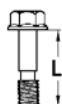


Valve clearance



Hydraulic lifters

Cylinder head bolt

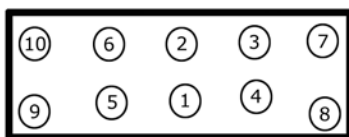


REF [CB504001](#) 10 pcs./eng.

Torque specifications



Cold: 40 Nm 90° 90°



used for: **VW 028B**

Complete cylinder head with cam shaft
REF [CK504001KN](#)

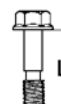


Valve clearance



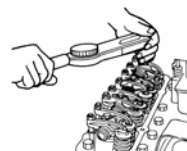
Hydraulic lifters

Cylinder head bolt

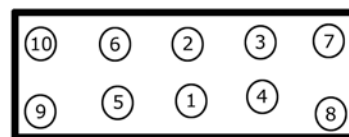


REF [CB504001](#) 10 pcs./eng.

Torque specifications



Cold: 40 Nm 90° 90°





used for: **VW 685**

Bare cylinder head
REF [CK504005NA](#)



Valve clearance



Hydraulic lifters

Cylinder head bolt

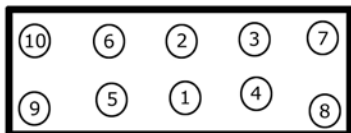


REF [CB504005B](#) 10 pcs./eng.

Torque specifications



Cold: 40 Nm 90° 90°



used for: **VW 685**

Complete cylinder head with cam shaft
REF [CK504005KN](#)



Valve clearance



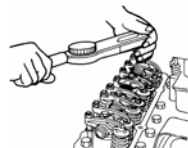
Hydraulic lifters

Cylinder head bolt

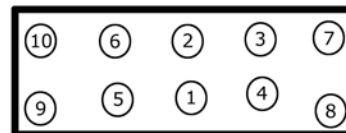


REF [CB504005B](#) 10 pcs./eng.

Torque specifications



Cold: 40 Nm 90° 90°



used for: **VW BEF**

Bare cylinder head
REF [CK504006NA](#)



Valve clearance



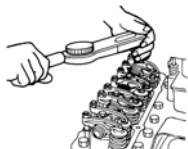
Hydraulic lifters

Cylinder head bolt

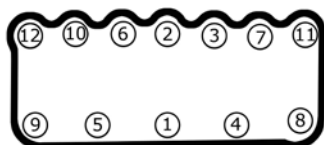


REF [CB504006](#) 10 pcs./eng.

Torque specifications



Cold: 40 Nm 90° 90°



used for: **VW BEF**

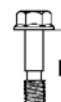
Complete cylinder head with cam shaft
REF [CK504006KN](#)

Valve clearance



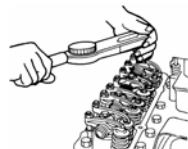
Hydraulic lifters

Cylinder head bolt

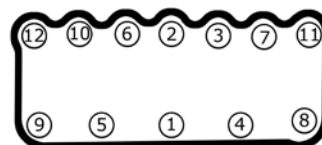


REF [CB504006](#) 10 pcs./eng.

Torque specifications



Cold: 40 Nm 90° 90°





used for: **VW BEQ**

Bare cylinder head
REF [CK504007NA](#)



Valve clearance



Hydraulic lifters

Cylinder head bolt

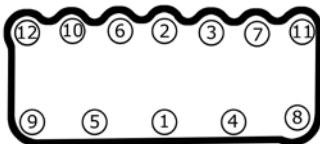


REF [CB504007](#) 10 pcs./eng.

Torque specifications



Cold: 30 Nm 60 Nm 90° 90°



used for: **VW BEQ**

Complete cylinder head with cam shaft
REF [CK504007KN](#)



Valve clearance



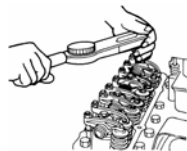
Hydraulic lifters

Cylinder head bolt

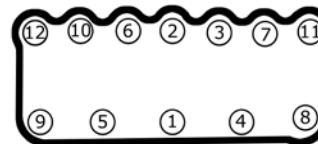


REF [CB504007](#) 10 pcs./eng.

Torque specifications



Cold: 30 Nm 60 Nm 90° 90°



used for: **VW BEU**

Bare cylinder head
REF [CK504008NA](#)



Valve clearance



Hydraulic lifters

Cylinder head bolt

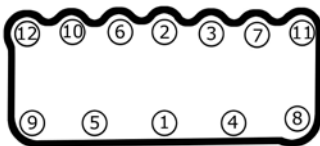


REF [CB504008](#) 10 pcs./eng.

Torque specifications



Cold: 30 Nm 60 Nm 90° 90°



used for: **VW BEU**

Complete cylinder head with cam shaft
REF [CK504008KN](#)



Valve clearance



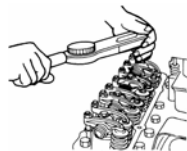
Hydraulic lifters

Cylinder head bolt

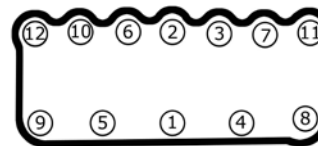


REF [CB504008](#) 10 pcs./eng.

Torque specifications



Cold: 30 Nm 60 Nm 90° 90°





used for: **VW BJC**

Bare cylinder head
REF [CK504009NA](#)



Valve clearance



Hydraulic lifters

Cylinder head bolt

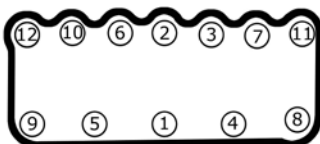


REF [CB504009](#) 10 pcs./eng.

Torque specifications



Cold: 30 Nm 60 Nm 90° 90°



used for: **VW BJC**

Complete cylinder head with cam shaft
REF [CK504009KN](#)



Valve clearance



Hydraulic lifters

Cylinder head bolt

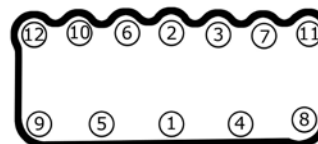


REF [CB504009](#) 10 pcs./eng.

Torque specifications



Cold: 30 Nm 60 Nm 90° 90°



used for: **YANMAR 3TNE68**

Complete cylinder
REF [CK805008KP](#)

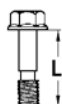


Valve clearance



Cold: in: 0,15-0,25 mm ex: 0,15-0,25

Cylinder head bolt

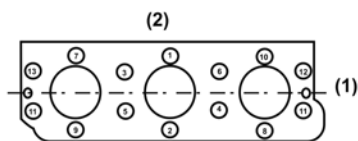


REF [CB805008](#) 14 pcs./eng.

Torque specifications



Cold: 37.27Nm 41.19Nm





used for: **YANMAR 3TNE88 EBVC**

Complete cylinder

REF [CK805010KP](#)

Valve clearance



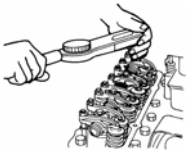
Cold: in: 0,15-0,25 mm ex:
0,15-0,25

Cylinder head bolt

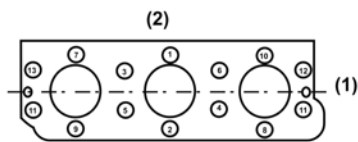


REF [CB805010](#) 14 pcs./eng.

Torque specifications



Cold: 85.3Nm-91.2Nm



used for: **YANMAR 3TNV76 NBVA**

Complete cylinder

REF [CK805005KP](#)



Valve clearance



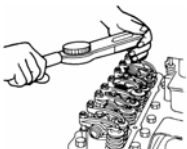
Cold: in: 0,15-0,25 mm ex:
0,15-0,25

Cylinder head bolt

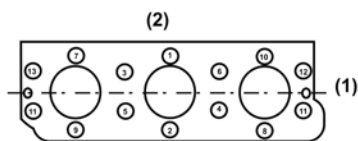


REF [CB805005](#) 14 pcs./eng.

Torque specifications



Cold: 26.95 Nm - 28.95 Nm, 53.9 Nm - 57.9 Nm





used for: **YANMAR 3TNV82A**

Complete cylinder

REF [CK805007KP](#)

Valve clearance



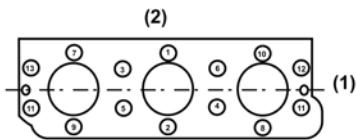
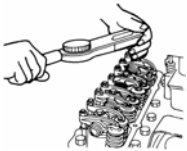
Cold: in: 0,15-0,25 mm ex:
0,15-0,25

Cylinder head bolt



REF [CB805007](#) 14 pcs./eng.

Torque specifications



Cold: 42.65Nm - 45.55Nm, 85.3Nm - 91.1Nm

used for: **YANMAR 4TNE88**

Complete cylinder

REF [CK805009KP](#)



Valve clearance



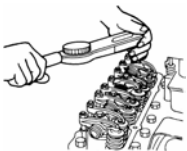
Cold: in: 0,15-0,25 mm ex:
0,15-0,25

Cylinder head bolt



REF [CB805009](#) 18 pcs./eng.

Torque specifications



Cold: 85.3Nm-91.2Nm



used for: **YANMAR 4TNE92-NMH(A)**

Bare cylinder head
REF [CK805001NA](#)



Valve clearance



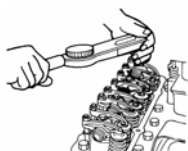
Cold: in: 0,15-0,25 mm ex: 0,2 mm

Cylinder head bolt

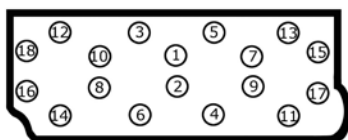


REF [CB805001](#) 18 pcs./eng.

Torque specifications



Cold: 60 Nm 110 Nm



used for: **YANMAR 4TNE92-NMH(A)**

Complete cylinder head
REF [CK805001KP](#)



Valve clearance



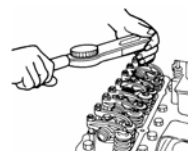
Cold: in: 0,2 mm ex: 0,2 mm

Cylinder head bolt

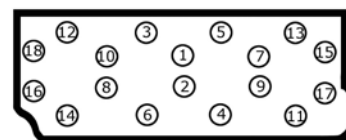


REF [CB805001](#) 18 pcs./eng.

Torque specifications



Cold: 60 Nm 110 Nm



used for: **YANMAR 4TNE94-SFW**

Complete cylinder head
REF [CK805004KP](#)

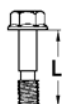


Valve clearance



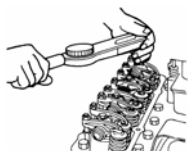
Cold: in: 0,3 mm ex: 0,3 mm

Cylinder head bolt

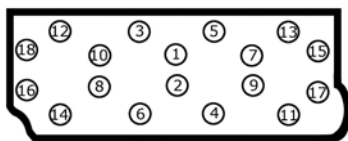


REF [CB805004](#) 18 pcs./eng.

Torque specifications



Cold: 70 Nm 100 Nm 130 Nm





used for: **YANMAR 4TNE98-NMH**

Bare cylinder head
REF [CK805002NA](#)



Valve clearance



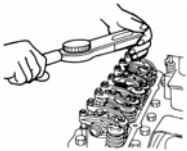
Cold: in: 0,2 mm ex: 0,2 mm

Cylinder head bolt

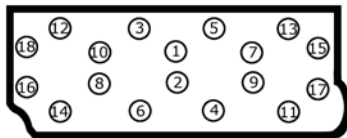


REF [CB805002](#) 18 pcs./eng.

Torque specifications



Cold: 60 Nm 110 Nm



used for: **YANMAR 4TNE98-NMH**

Complete cylinder head
REF [CK805002KP](#)



Valve clearance



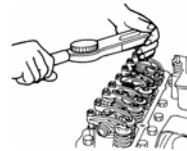
Cold: in: 0,2 mm ex: 0,2 mm

Cylinder head bolt

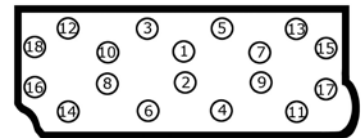


REF [CB805002](#) 18 pcs./eng.

Torque specifications



Cold: 60 Nm 110 Nm



used for: **YANMAR 4TNE98 TBZ**

Complete cylinder head
REF [CK805013KPA](#)



Valve clearance



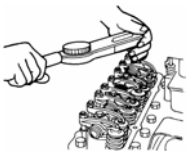
Cold: in: 0,15-0,25 mm ex: 0,2 mm

Cylinder head bolt



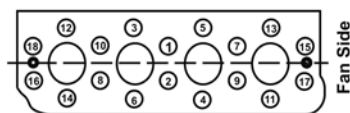
REF [CB805013](#) 18 pcs./eng.

Torque specifications



Cold: 49-58.8Nm, 103.1-112.9 Nm

Assembly Camshaft Side





used for: **YANMAR 4TNE98 VTBZ**

Complete cylinder head

REF [CK805013KPB](#)



Valve clearance



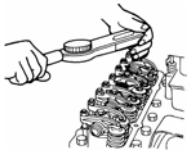
Cold: in: 0,15-0,25 mm ex: 0,2 mm

Cylinder head bolt



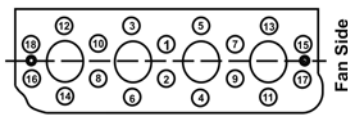
REF [CB805013](#) 18 pcs./eng.

Torque specifications



Cold: 49-58.8Nm, 103.1-112.9 Nm

Assembly Camshaft Side



used for: **YANMAR 4TNV94 L-VLX**

Bare cylinder head

REF [CK805003NA](#)



Valve clearance



Cold: in: 0,15 - 0,25 mm ex: 0,15 - 0,25 mm

Cylinder head bolt

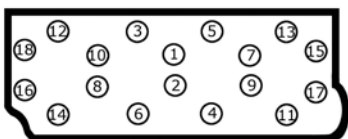


REF [CB805003](#) 18 pcs./eng.

Torque specifications



Cold: 110 Nm



used for: **YANMAR 4TNV94 L-VLX**

Complete cylinder head

REF [CK805003KP](#)



Valve clearance



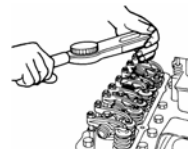
Cold: in: 0,15 - 0,25 mm ex: 0,15 - 0,25 mm

Cylinder head bolt

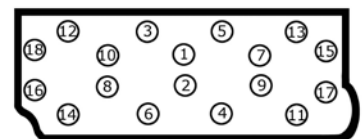


REF [CB805003](#) 18 pcs./eng.

Torque specifications



Cold: 110 Nm





used for: **YANMAR 4TNV98C**

Bare cylinder head

REF [CK805011NA](#)

Valve clearance



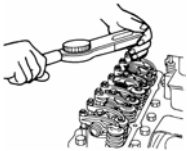
Cold: in: 0,15 - 0,25 mm ex: 0,15 - 0,25 mm

Cylinder head bolt

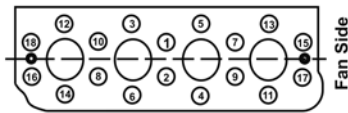


REF [CB805011](#) 18 pcs./eng.

Torque specifications



Assembly Camshaft Side



Cold: 51.55Nm - 56.45Nm, 103.1Nm - 112.9Nm

used for: **YANMAR 4TNV98T SBV**

Complete cylinder head

REF [CK805012KP](#)

Valve clearance



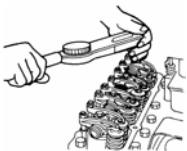
Cold: in: 0,15 - 0,25 mm ex: 0,15 - 0,25 mm

Cylinder head bolt

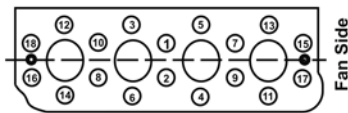


REF [CB805012](#) 18 pcs./eng.

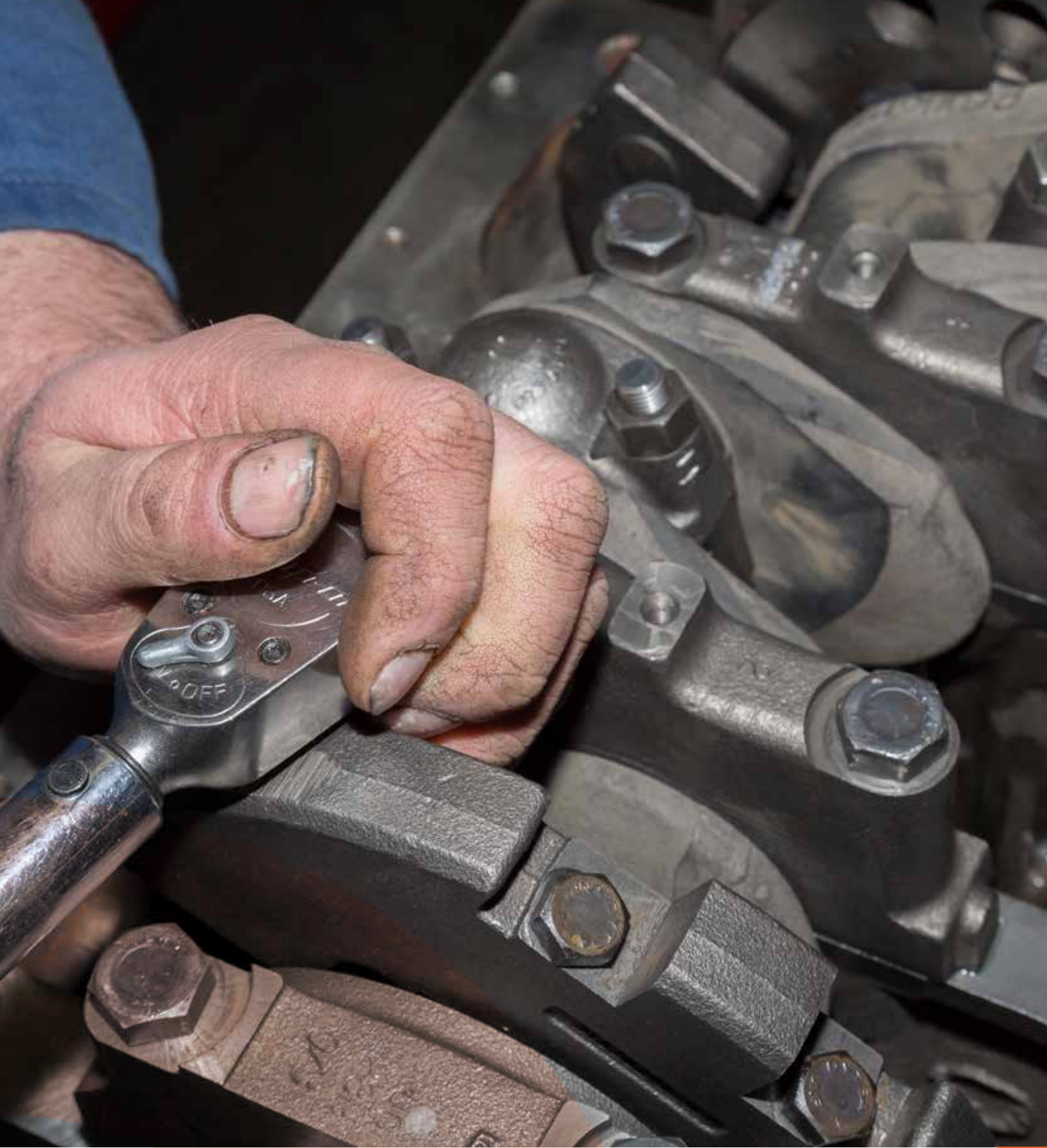
Torque specifications



Assembly Camshaft Side



Cold: 51.55Nm - 56.45Nm, 103.1Nm - 112.9Nm



CRANKSHAFTS

CRANKSHAFTS



CRANKSHAFTS



Used for	Type	Remarks	REF
CATERPILLAR			
	1404		KR009001
	3003		KR009003
	3024C		KR009002
CONTINENTAL			
	F135		KR023001
	F163		KR023002
	F227		KR023003
	F245		KR023004
	G193		KR023005
	TM20		KR023007
	TM27		KR023008
	TMD27		KR023009
	Y112		KR023006
CUMMINS			
	A2300		KR183002
	B3.3 ESN 68307511		KR183004
	B4.5RGT		KR183003
	QSM11		KR183001
DEUTZ			
	BF4M1012E	With bearings	KR380016
	BF4M1012EC	With bearings	KR380017
	BF4M2012		KR380018
	BF6M1012E		KR380006
	BF6M1013E		KR380008
	BF6M2012		KR380007
	F2L2011		KR380012
	F3L912		KR380301
	F3L912W		KR380304
	F3L913G		KR380001
	F3L1011		KR380013
	F3L1011F		KR380014
	F3L2011		KR380015
	F3M2011		KR380004
	F4L912		KR380302
	F4L912W		KR380305
	F4M2011		KR380005
	F6L912		KR380303
	F6L912W		KR380306
	GF3L913		KR380002
DOOSAN			
	D24		KR954005

For any other engine part, please contact us !



Used for	Type	Remarks	REF
FIAT			
	8035-05-539		KR260001
	8045-05-359		KR260002
	8055-05-250		KR260006
	8141-67-200		KR260003
	M205.16AA.149		KR260005
	M705.19.149		KR260004
FORD			
	4-172		KR090001
	4-192		KR090002
	BSD444		KR090009
	BSD444T		KR090010
GM			
	2.2L		KR556005
	3.0L	Small BL 19,10 mm	KR556006A
	3.0L	Wide BL 21,30 mm	KR556006B
	4153		KR556002
	4181		KR556001
	6250		KR556003
HATZ			
	2G30		KRM81009
	2L40		KRM81003
	3L40		KRM81004
	3M40		KRM81002
HYUNDAI			
	L4GC-H420FE		KRQ72001
IH			
	BD154	With bearings	KR665001
ISUZU			
	4FA1		KR134003
	4FE1		KR134004
	4JB1		KR134006
	4JB2		KR134008
	4JG1		KR134011
	4LB1		KR134009
	4LE2 XYSJ01		KR134012
	6BB1		KR134010
	C221		KR134002
	C240	With key M13 flywheel bolts	KR134001A
	C240	Splines M12 flywheel bolts	KR134001B
	DA220		KR134005
	G201		KR134007
JOHN DEERE			
	4045HMC92		KRA23001
KIA			
	HA		KRQ73001
KOHLER			
	KDI2504 TCR/22		KR568001
KOMATSU			
	4D94E		KR107005



Used for	Type	Remarks	REF
	4D95S	With straight gear teeth	KR107001A
	4D95S	With inclined gear teeth	KR107001B
	4D105		KR107003
	6D95L		KR107002
	6D105-1		KR107006
	S4D95L		KR107004
KUBOTA			
	D722		KR857006
	D902 EBH	Complete	KR857019
	V1502		KR856001
	VT1502		KR856002
	V2003T		KR857018
	V2403MDI		KR857020
MAZDA			
	F2	Long nose, total length: 516 mm	KR395007A
	F2	Short nose, total length: 495 mm	KR395007B
	FE	Short nose, total length: 495 mm	KR395004A
	FE	Long nose, total length: 516 mm	KR395004B
	HA		KR395005
	TM		KR395008
	UA		KR395003
	VA		KR395002
	XA		KR395001
	ZB		KR395006
MERCEDES			
	OM314		KR676001
	OM617		KR676002
	OM904LA		KR686003
MINI			
	4DQ5		KR272001
	4DQ7		KR272019
	4G15		KR272017
	4G33		KR272006
	4G41		KR272014
	4G52		KR272007
	4G53		KR272008
	4G54	Journal die 60 mm	KR272009A
	4G54	Journal dia 66 mm	KR272009B
	4G63	Small bearings HL20,5 /BL21 mm	KR272012A
	4G63	Wide bearings HL22,8 /BL23,4 mm	KR272012B
	4G64	7 flywheel bolts	KR272011A
	4G64	6 flywheel bolts	KR272011B
	6G72		KR272015
	K15		KR272022
	K21		KR272023
	K25		KR272024
	KE42		KR272013
	KE46		KR272016
	L3E		KR272026
	S3L2		KR272025

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Used for	Type	Remarks	REF
	S3Q2		KR272027
	S4E		KR272002
	S4E2		KR272003
	S4Q2		KR272018
	S4Q2T		KR272028
	S4S	Bare crankshaft	KR272010A
	S4S	With gear 23 teeth	KR272010B
	S4S	With gear 32 teeth	KR272010C
	S6E		KR272004
	S6E2	4 flywheel bolts	KR272005
	S6K		KR272021
	S6S		KR272020
NISSAN			
	A12		KR057009
	A15		KR057008
	BD30		KR057012
	D11		KR057006
	FD6		KR057021
	H15		KR057013
	H20	Small HL: 19 mm	KR057005A
	H20	Wide HL: 28 mm	KR057005B
	H25		KR057010
	H30		KR057016
	J15		KR057004
	K15		KR057018
	K21		KR057019
	K25		KR057020
	P40		KR057017
	SD22		KR057001
	SD25		KR057002
	SD33T		KR057003
	TB42		KR057015
	TD27		KR057011
	TD42		KR057014
	Z24		KR057007
PERKINS			
	4.108	Rope seal	KR054004
	4.203	Rope seal	KR054002A
	4.203	Lip seal	KR054002B
	4.203.2		KR054009
	4.236	Rope seal	KR054001A
	4.236	Lip seal	KR054001B
	4.2482	Central bolt	KR054003A
	4.2482	3 bolts	KR054003B
	6.354		KR054005
	6.354.4	Lip seal	KR054006
	103.10 KD50316	With bearings	KR054020
	403C-15 HL50837/ HL51367	With gear	KR054014
	403C-17 HM81556		KR054015

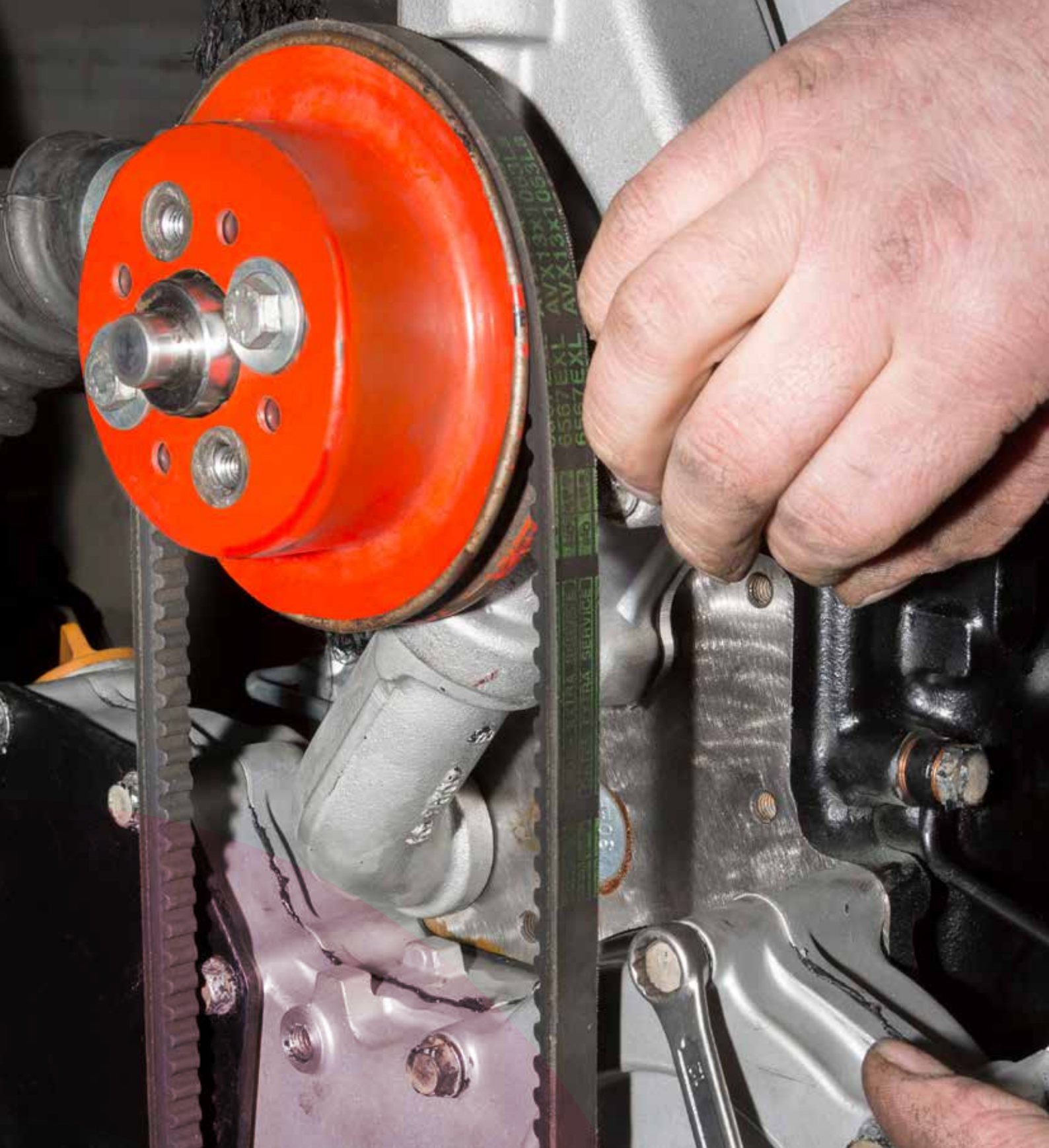


Used for	Type	Remarks	REF
	403D-11 GJ65691		KR054016
	403D-15 GK65653		KR054017
	403D-17 GS65778		KR054018
	404C-22 HP50995	With gear	KR054019
	404D-22 GN66167	With timing gear and wedge	KR054021
	704.26 UB70443		KR054012
	704.30 UA80885		KR054013
	903.27		KR054008
	1004.4	Central bolt	KR054007A
	1004.4	3 bolts	KR054007B
	1006.6		KR054011
	D3.152	Rope seal	KR054010
PEUGEOT			
	XC7P		KR678004
	XD3P		KR678001
	XDP4.88		KR678002
	XDP4.90		KR678003
	XN1P		KR678005
RENAULT			
	F3R262		KR746001
	F3R264		KR746002
TOYOTA			
	1DZ	Total length: 512,0 mm	KR058009A
	1DZ	Total length: 506,0 mm	KR058009B
	1DZII	Total length: 512,0 mm	KR058009A
	1DZII	Total length: 506,0 mm	KR058009B
	1Z	Wide, length main bearings: 25,5 mm	KR058003A
	1Z	Small, length main bearings: 22,5 mm	KR058003B
	2F		KR058019
	2H		KR058011
	2J		KR058006
	2Z		KR058016
	3F		KR058020A
	3F		KR058020B
	3P		KR058001
	4P		KR058002A
	4Y		KR058002B
	5K		KR058007
	5P		KR058008
	5R		KR058005
	11Z		KR058004
	12Z		KR058010
	13Z		KR058021
	14Z		KR058023
	F		KR058022
	H		KR058018
	V1502		KR058013
	V1512		KR058015
	V1512T		KR058017
	VT1502		KR058014

For any other engine part, please contact us !



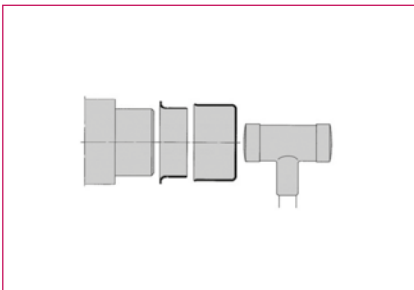
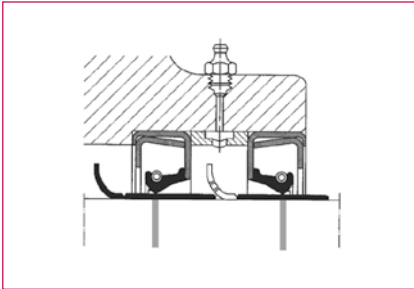
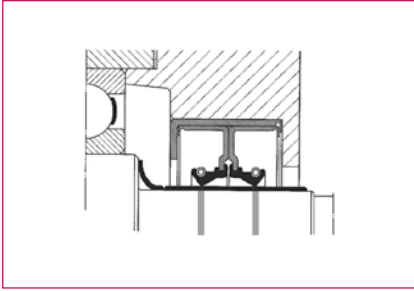
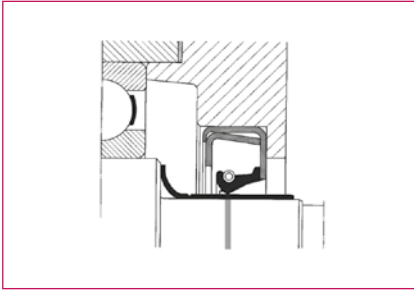
Used for	Type	Remarks	REF
VOLVO			
	D3.1 ACAE2EC3U		KR812004
	D3.4 ACAE2EC4U		KR812005
	TD61AW		KR812001
	TD71AW	6 flywheel bolts	KR812002
	TD100G		KR812003
VW			
	ADF 026.2		KR504002
	ADG 028B		KR504001
	ADK 0685		KR504005
	BEF		KR504006
	BEQ		KR504007
	BEU		KR504008
	BJC		KR504009
	BMF		KR504010
WAUKESHA			
	D155G		KR122001
	D176G		KR122002
XINCHAI			
	490BPG		KRJI2001
	490BT		KRJI2002
	491GP		KRJI2006
	495B		KRJI2007
	495BPG		KRJI2008
	495BT		KRJI2010
	A490BPG		KRJI2012
	A490BT		KRJI2003
	A495BPG		KRJI2009
	A495BT		KRJI2011
	A498BT		KRJI2014
	B490BT		KRJI2004
	C490BPG		KRJI2013
	C490BT		KRJI2005
	NB485B		KRJI2015
	NC485BPG		KRJI2016
YANMAR			
	3TNE68		KR805008
	3TNE88 EBVC		KR805010
	3TNV76 NBVA		KR805005
	3TNV82A		KR805007
	4TNE92-NMH(A)		KR805001
	4TNE94-SFW		KR805004
	4TNE98-NMH		KR805002
	4TNE98 TBZ		KR805013
	4TNV94 L-VLX		KR805003
	4TNV98C		KR805011
	4TNV98T SBV		KR805012



ENGINE REPAIR SHOP



SPEEDI-SLEEVE®



For shaft seals to perform efficiently, the condition of the shaft seating is of vital importance.

Preferably the surface should be hardened and ground without directional grooves. High pressures, temperatures and speeds, inadequate lubrication and solid contaminants all have a negative influence on sealing performance and also lead to grooving on the shaft.

In such cases, a simple seal replacement will not solve the problem, and it is generally necessary to rework the shaft. Such reworking is time-consuming and costly. Wear sleeves have been designed to eliminate the need for reworking.

They are simply pushed over the damaged surface, enabling the shaft to be re-used within minutes - and at a fraction of the cost of traditional reworking.

Speedi-sleeves are made of stainless steel and have a wall thickness of 0,254 mm (0.01 inch).

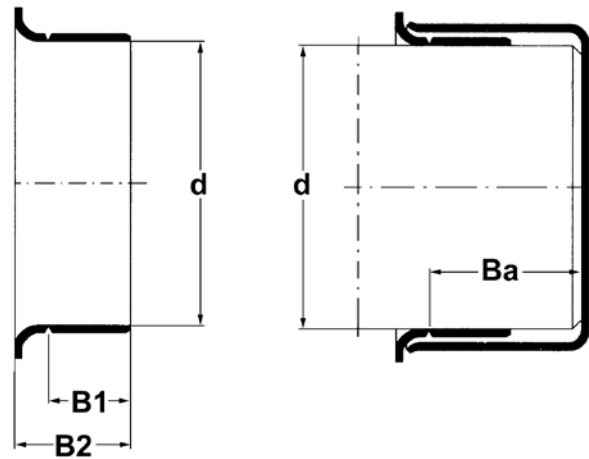
Because of the thickness, the diameter of the seal seating will only be increased by about 0,5 mm so that it is possible to use replacement seals of the same size as the original one.

All Speedi-sleeves have a removable installation flange at one side, for easy mounting together with the mounting tool supplied with each sleeve. The flange can be removed easily as a pre-cut tear groove is provided.





SPEEDI-SLEEVE® MEASUREMENT TABLE



Ø d	B1	REF
20,00 mm		107TA5855
22,23 mm		107TA5856
25,00 mm		107TA5857
25,40 mm		107TA5858
27,00 mm		107TA5859
28,00 mm		107TA5860
28,58 mm		107TA5861
30,00 mm		107TA5862
31,80 mm		107TA5863
32,00 mm		107TA5864
33,35 mm		107TA5865
34,01 mm		107TA5866
34,93 mm	12,7 mm	107TA5867
34,93 mm	13,0 mm	107TA5868
36,60 mm		107TA5869
38,10 mm		107TA5870
40,08 mm		107TA5871
41,28 mm		107TA5872
41,90 mm		107TA5873
44,45 mm		107TA5874
45,00 mm		107TA5875
46,05 mm		107TA5876
47,63 mm		107TA5877
48,03 mm		107TA5878
48,56 mm		107TA5879
49,23 mm		107TA5880
50,00 mm		107TA5881
50,80 mm		107TA5882
52,40 mm		107TA5883
53,98 mm		107TA5884
55,00 mm		107TA5885
55,58 mm		107TA5886
57,15 mm		107TA5887
60,00 mm		107TA5888

Ø d	B1	REF
60,33 mm		107TA5889
61,93 mm		107TA5890
63,50 mm		107TA5891
65,00 mm		107TA5892
66,68 mm	12,7 mm	107TA5893
66,68 mm	19,8 mm	107TA5894
69,85 mm		107TA5895
70,00 mm		107TA5896
73,03 mm		107TA5897
75,00 mm		107TA5898
76,20 mm	20,6 mm	107TA5899
76,20 mm	15,9 mm	107TA5900
79,38 mm		107TA5901
80,00 mm		107TA5902
82,55 mm		107TA5903
82,00 mm		107TA5904
84,07 mm		107TA5905
88,90 mm		107TA5906
90,00 mm		107TA5907
91,97 mm		107TA5908
92,08 mm		107TA5909
95,25 mm		107TA5910
95,00 mm		107TA5911
100,00 mm		107TA5912
101,60 mm		107TA5913
107,95 mm		107TA5914
109,93 mm		107TA5915
111,13 mm		107TA5916
114,30 mm		107TA5917
120,00 mm		107TA5918
120,65 mm		107TA5919
127,00 mm		107TA7678
133,35 mm		107TA5920
152,40 mm		107TA5921

Other dimensions available



U-CUPS

Dia	REF	Dia	REF	Dia	REF
8 mm	107TA5635	37 mm	103TA2305	7/16"	103TA2324
10 mm	103TA2268	38 mm	103TA2307	1/2"	107TA5626
12 mm	103TA2270	40 mm	103TA2309	9/16"	103TA2326
14 mm	107TA5636	42 mm	103TA2310	19/32"	103TA2279
15 mm	103TA2273	44 mm	103TA2311	3/4"	107TA5627
16 mm	107TA5637	45 mm	103TA2314	13/16"	103TA2271
17 mm	107TA5638	47 mm	103TA2316	7/8"	103TA2325
18 mm	107TA5639	48 mm	107TA5643	15/16"	107TA5628
20 mm	103TA2286	50 mm	103TA2318	1"	103TA2293
21 mm	103TA2287	51 mm	103TA2319	1 1/8"	107TA5629
22 mm	103TA2289	55 mm	103TA2321	1 3/16"	107TA5630
24 mm	103TA2290			1 1/4"	103TA2251
25 mm	103TA2291			1 5/16"	107TA5631
26 mm	103TA2292			1 1/2"	107TA5632
27 mm	103TA2295			1 5/8"	103TA2260
28 mm	103TA2296			1 7/8"	107TA5633
30 mm	103TA2299			2"	103TA2280
32 mm	107TA5640			2 1/4"	103TA2281
34 mm	107TA5641			2 3/8"	103TA2282
35 mm	107TA5642			2 1/2"	107TA5634
36 mm	103TA2304			2 7/8"	103TA2283



BEND CUPS

Dia	REF	Dia	REF	Dia	REF
8 mm	103TA2384	51 mm	103TA2387	1 3/16"	103TA2335
12 mm	103TA2346	52 mm	107TA5623	1 1/4"	103TA2331
14 mm	103TA2348	55 mm	107TA5624	1 5/16"	103TA2339
15 mm	103TA2349	56 mm	103TA2390	1 3/8"	103TA2337
16 mm	107TA5619	58 mm	107TA5625	1 7/16"	103TA2341
18 mm	103TA2351	60 mm	103TA2392	1 1/2"	103TA2329
20 mm	103TA2361	62 mm	103TA2393	1 9/16"	103TA2343
21 mm	103TA2362	64 mm	103TA2395	1 5/8"	103TA2340
22 mm	103TA2363	65 mm	103TA2396	1 11/16"	103TA2333
25 mm	103TA2364	80 mm	103TA2399	1 47/64"	107TA5615
28 mm	103TA2366			1 3/4"	103TA2336
30 mm	103TA2371			1 7/8"	107TA5616
32 mm	103TA2372			1 15/16"	103TA2334
33 mm	103TA2373			2"	103TA2352
34 mm	103TA2374			2 1/16"	107TA5617
35 mm	103TA2375			2 1/8"	103TA2356
36 mm	107TA5620			2 7/32"	103TA2360
38 mm	103TA2377			2 1/4"	103TA2355
39 mm	103TA2378			2 3/8"	103TA2359
40 mm	103TA2379			2 3/4"	107TA5618
42 mm	107TA5621			2 15/16"	103TA2357
45 mm	103TA2382			3"	103TA2367
48 mm	103TA2383			3 1/4"	103TA2368
50 mm	107TA5622				





SPARK PLUGS



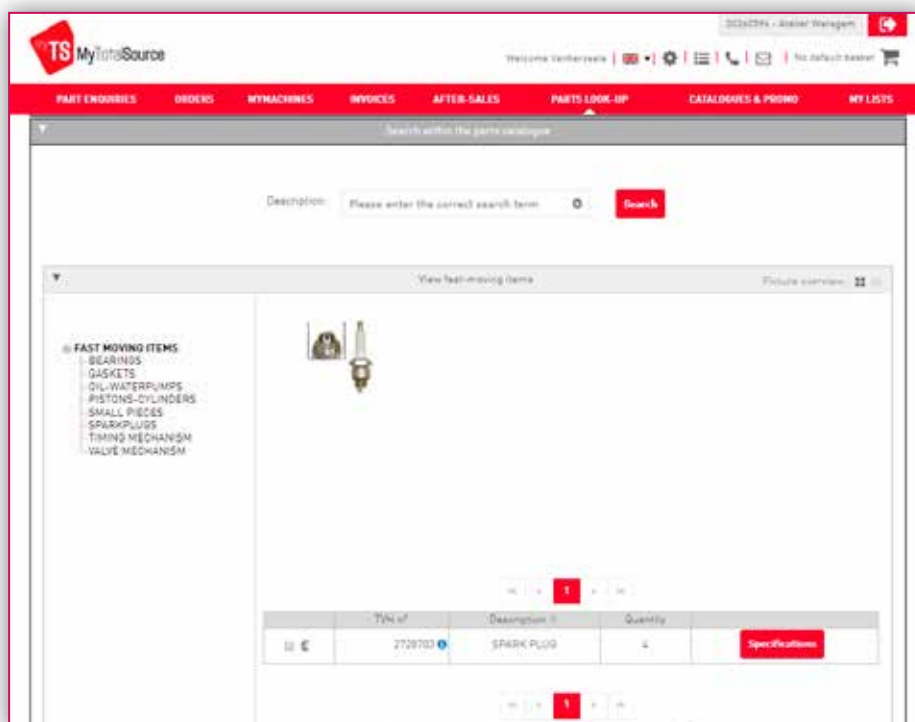
We use Denso as our main spark plug programme supplier.
Exceptions are specific brand-only types, or where we follow the specifications of the engine manufacturer.

MyTotalSource

Your interactive online webshop for spare parts



www.mytotalsource.tvh.com



Find the spark plug you need by entering a TVH or OEM reference or use the search engine **MyPartsFinder** by entering vehicle specifications (make, type ...).



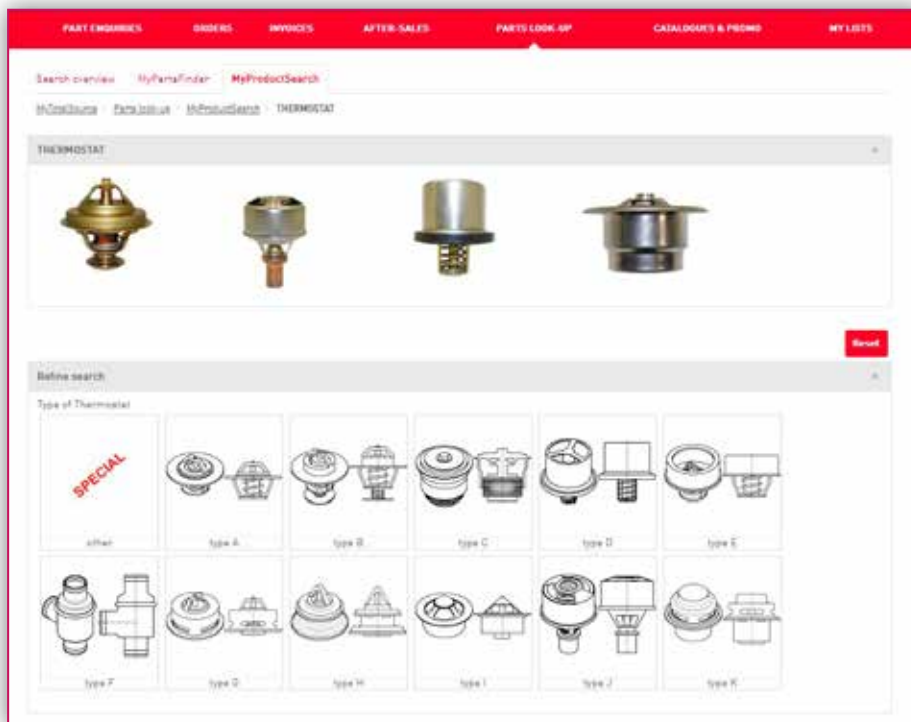
THERMOSTATS



A thermostat is part of the cooling system. Its dedicated function is to maintain the recommended operating temperature. This ensures the engine performs at its best. Thermostats can be offered via machine and engine details but can also be found back on our product search website.

MyTotalSource

Your interactive online webshop for spare parts



Find your thermostat by entering your dimensions in **MyProductSearch**.

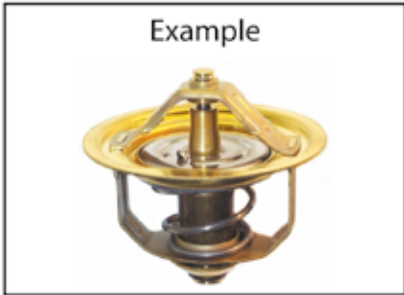
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HELP DESK: T +32 56 43 48 66



TECHNICAL SHEET: THERMOSTATS

Group
04-01-03-00



Customer details

Type machine: Price inquiry
 Serial n° machine: Order

CODE: TY-TH x D1 x D2 x D3 x D4 x H1 x H2 x H3 x TE x AR x EX

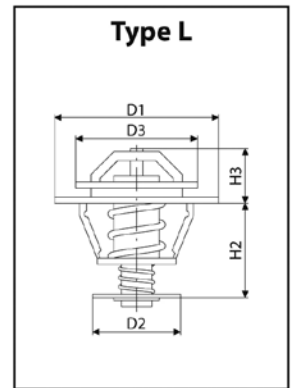
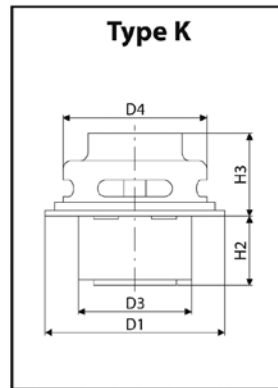
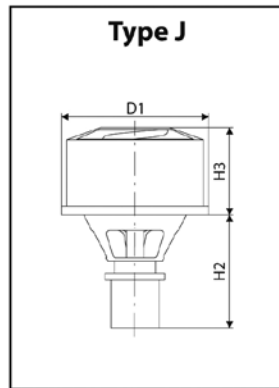
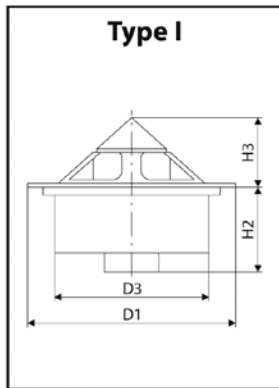
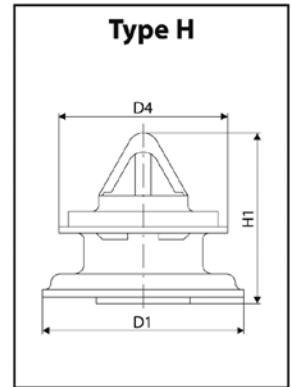
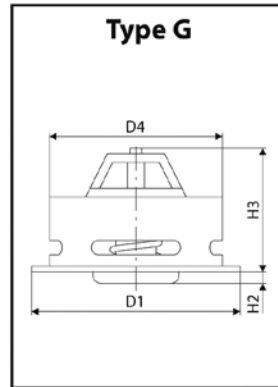
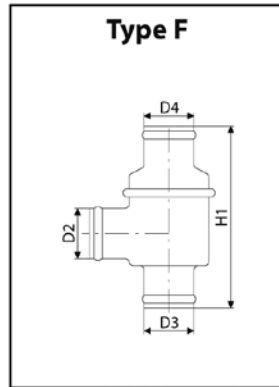
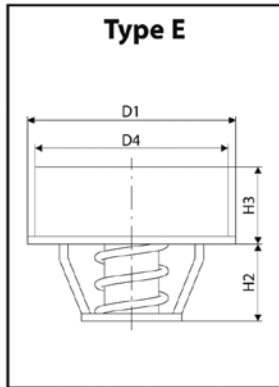
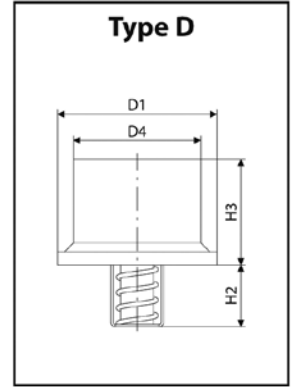
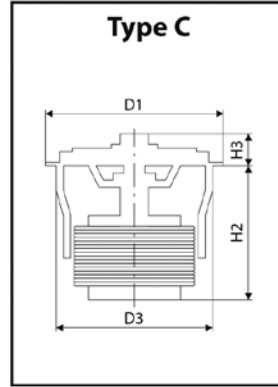
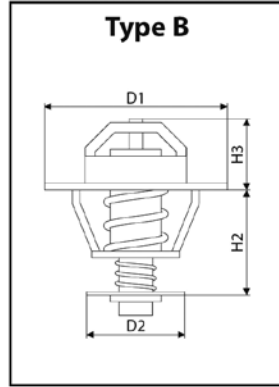
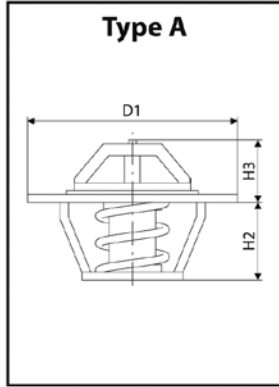


- TY-TH Type of thermostat.
- D1 Maximum outer diameter.
- D2 Bypass valve diameter.
- D3 Diameter engine side.
- D4 Diameter radiator side.
- H1 Total height.
- H2 Height engine side.
- H3 Height radiator side.
- TE..... Opening temperature.
- AR Air release system:
 JP = bore with pin (jiggle pin)
 BZP = bore without pin
 KR = with notch
 None
- EX..... Eccentric: YES/NO.



TECHNICAL SHEET: THERMOSTATS

TYPES



Type S
None of previous types.

H1 = total height.
D1 = maximum outer diameter.



V-BELTS



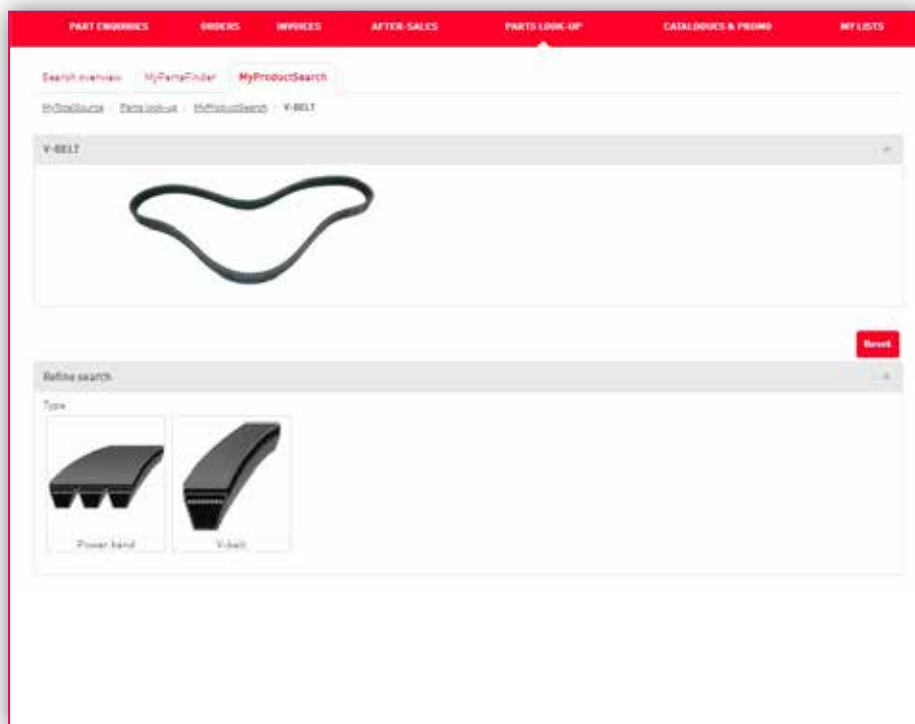
A V-belt is a reinforced rubber belt. It drives mechanisms in an engine such as the fan or the water pump.

We can offer you V-belts from brands:

Optibelt, Gates, Contitech, Mitsubishi, Bando, Hutchinson, Goodyear ...

MyTotalSource

Your interactive online webshop for spare parts



Find your V-belt by entering your dimensions in **MyProductSearch**.

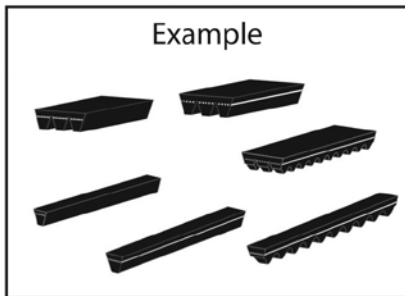
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TECHNICAL SHEET: V-BELTS

Group
01-03-12-00



Customer details

Type machine:

Price inquiry

Serial n° machine:

Order

CODE: TY-RI x B1 x B2 x H1 x La x Li x Le x AT-SN x KL x SO-RI

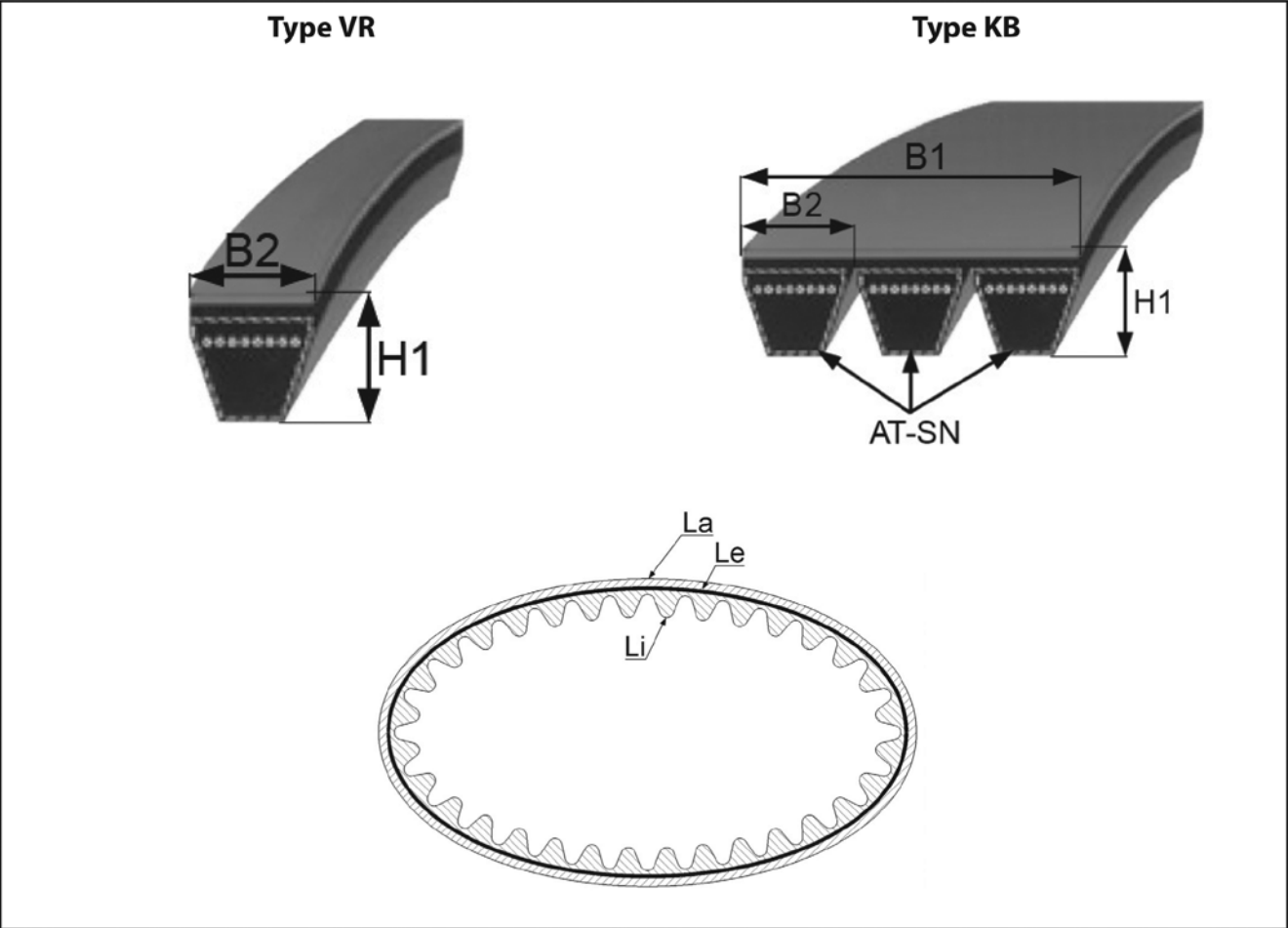


- TY-RI Type of belt (see figures):
 - VR = V-belt*
 - KB = power band*
- B1..... Total belt width (see figure).
- B2..... Total width of the string (see figures).
- H1 Total height of the string (see figure).
- La..... External length at the outer edge of the belt.
- Li Internal length at the inner edge of the belt.
- Le..... Effective length at the belt cord.
- AT-SN Number of strings (see figures).
- KL..... Colour.
- SO-RI..... Type of belt (see figures):
 - VM = full sheathed*
 - VO = full open flank*
 - GO = toothed open flank*
 - S = special*

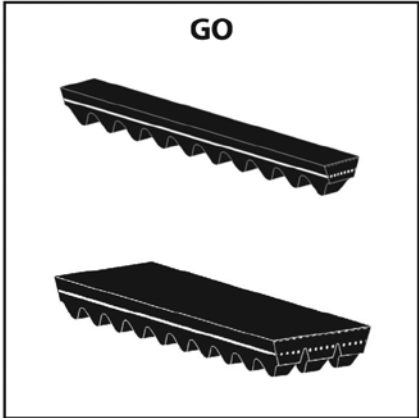
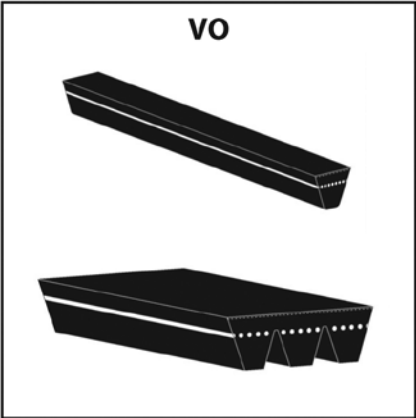
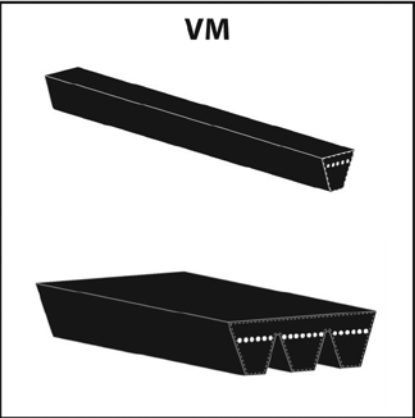


TECHNICAL SHEET: V-BELTS

DIMENSIONS



TYPE OF BELT





FILTERS



Air filters



Oil filters



Fuel filters

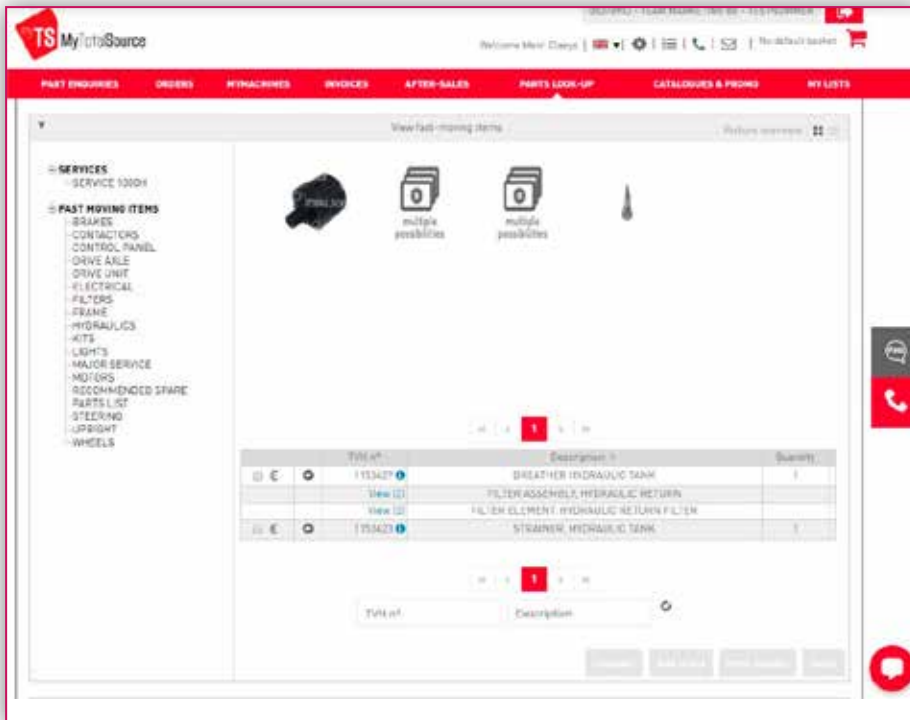
We can offer you filters suitable for the following makes:

Algas, Allis Chalmers, Ameise, AMC, Atlet, Audureau, Baker, Balkancar, Bobcat, Bosch, Brunilift, BT, BV Transpallet, Caterpillar, CAV Clark, Clean, Continental, Coventry, Crown, Cummins, DAF, Desta, Deutz, Fantuzzi, Fendt, Fenwick, Fiat, Ford, Heden, Henley, Hino, Hyster, Isuzu, Jungheinrich, Kalmar, Kentruck, Komatsu, Kubota, Lancer Boss, Lansing, Linde, Lugli, M.A.N., Manitou, Massey Ferguson, Mazda, Mercedes, Merlo, MIC, Mitsubishi, Mora, Nissan, Nichiyu-NYK, Peg, Perkins, Peugeot, Renault, Salev, Saxby, Steinbock, Still, Svetruck, TCM, Technocar, Tennant, Toyota, Unitrac, Valmet, Volvo, VW, Waukesha, Win, Yale, Yanmar, Zetor, ZF ...

We are official dealer of the following filter brands:



Look up your filter via MyPartsFinder by means of your make and model.



No login yet? Request your login details now via ecommerce@tvh.com

HELP DESK: T +32 56 43 48 66



WORKSHOP & WAREHOUSE SUPPLIES AND PPE



TORQUE WRENCHES



- Click-type torque wrenches with reversible ratchets
- For right-hand tightening
- Torque accuracy: $\pm 3\%$
- 72 teeth
- With calibration certificate

Nm	Inch "	Length mm	REF
5-25	1/4	220	166TA2276
10-50	3/8	660	166TA2277
20-100	3/8	730	166TA2278
40-200	1/2	1010	166TA2279
60-300	1/2	1380	166TA2280

SPARK PLUG SOCKETS



- 1/2" square drive spark plug sockets
- Chrome-plated
- Hexagon ends

Thread mm - inch	Ø mm	Length mm	REF
14 - 9/16	18,8	70	127TA7782
16 - 5/8	21,4	70	106TA7973
17,8 - 11/16	23,6	70	106TA7974
20,8 - 13/16	27	70	106TA7975

FLARE NUT WRENCHES - METRIC



Dimensions mm	Beta		Force	
	Length mm	REF	Length mm	REF
8 x 10	140	142TA7270	130	142TA4119
9 x 11	153	142TA7271	152	142TA4127
11 x 13	175	142TA7272	165	142TA4120
12 x 14	175	142TA7273	178	142TA4121
13 x 15	175	166TA2857		
14 x 15	175	127TA4482	178	166TA2859
14 x 16			194	166TA2860
16 x 18			215	142TA4122
17 x 19	212	142TA7274	215	142TA4123
19 x 22	228	142TA7275	235	142TA4124
24 x 27	260	142TA7276	275	142TA4125
30 x 32	300	142TA7277	295	142TA4126
36 x 41	320	166TA2858	345	166TA2861





ADJUSTABLE OIL FILTER WRENCH



- Locks onto most oil filters
- Especially easy in tight locations
- Easily adjustable
- Suitable for filters diameters: 65-110 mm

REF [125TA6872](#)

ADJUSTABLE OIL FILTER WRENCH, THREE JAWS



- Self-gripping oil filter wrench
- Suitable for filters diameter: 95-165 mm
- 1/2" drive

REF [143TA7465](#)

HOSE CLAMP PLIERS



- Automatic hose ring pliers with extension
- Length: 630 mm
- Diameter: 18-54 mm

REF [127TA8903](#)

INTERNAL CIRCLIPS PLIERS



- To assemble and disassemble circlips
- Interchangeable tips for diameter 8 to 63 mm
- Screw-stop adjustment
- Spring-assisted opening

REF [122TA9110](#)



PULLEY PULLER FOR VOLKSWAGEN ENGINES



OEM quality

- Special puller designed for pulling camshaft pulley wheels on 4 and 6 cylinder
- Suitable for installation and removal of toothed belt for Volkswagen engines
- Including 6 arms

REF [166TA2822](#)

PULLEY PULLER



- Special puller designed for pulling camshaft pulley wheels on 4 and 6 cylinder
- Including 4 arms







REF [166TA2862](#)

DISPLAY STAND WITH PULLERS



- Sales display with 2-arm pullers
- Weight: 20,2 kg

REF [143TA5856](#) (This set includes all references in the below table)

				Max.		
mm	mm	mm	mm	t.	Nm	
250	200	180-340	27	8,5	300	143TA5850
200	150	100-260	22	6	150	143TA5849
160	150	100-220	22	6	150	143TA5848
120	100	70-180	17	4,5	80	143TA5847
90	100	70-140	17	4,5	80	143TA5846



TELESCOPIC MAGNETIC PICKUP TOOL



- Minimum length: 135 mm
- Maximum length: 650 mm
- Magnetic capacity: 1,6 kg
- With pocket clip

REF [166TA2281](#)

PISTON RING SERVICE TOOL SET



Contents:



- 3 piston ring compressors with ratchet key:
 - Height: 3"; Ø: 53-125 mm
 - Height: 3 1/2"; Ø: 90-175 mm
 - Height: 4"; Ø: 90-175 mm
- 1 piston ring tool, capacity: 50-100 mm
- 1 piston ring groove cleaning set
 - Fits 2-5"
 - Blade 1: 1/16"-3/16"
 - Blade 2: 2-4,5 mm
 - Blade 3: 1,2-5,5 mm
- 1 offset screwdriver

REF [143TA7419](#)



PISTON PIN DRIVER



		REF
38 mm	1	143TA7420
100 mm	1	143TA7421

PISTON GROOVE SCRAPER



- Designed for cleaning the piston grooves and remove carbon deposits from piston ring grooves
- Piston groove: 2; 2,5; 3; 3,5 mm

REF [166TA2287](#)

BELT IDENTIFICATION TOOL FOR MOST BELTS



- Measures inner belt length
- Find the exact replacement belt instantly
- A quick check shows the inner belt length (Li)
- Scale will display the exact size

REF [106TA6951](#)

BELT IDENTIFICATION TOOL FOR FLAT BELTS



- Suitable for belt type: PK, AVX 10 and AVX 13
- Min length: 500 mm
- Max length: 2600 mm

REF [137TA1762](#)



BELT TENSION MEASURING TOOL



REF [137TA1763](#) - 150-600 N
REF [141TA7049](#) - 500-1400 N

CAM BELT TENSION MEASURING KIT



REF [127TA8953](#)

TOOL TDC ADJUSTMENT FOR VOLKSWAGEN



REF [166TA2818](#)

FUEL HOSE



- Sold per meter
- Work pressure: 10 bar
- Temperature range: -25 to 70 °C
- Inner Ø: 3,5 mm

REF [166TA2824](#)



NON RETURN VALVE FOR 6 MM FUEL HOSE



REF [166TA2827](#)

NON RETURN VALVE FOR 8 MM FUEL HOSE



REF [166TA2828](#)

SET OF 2 ADJUSTING PINS



- Adjusting pins for crankshaft and camshaft
- Suitable for: Deutz

REF [166TA2829](#)

CRANKSHAFT LOCKING TOOL FOR VOLKSWAGEN



Special tool to lock the crankshaft when changing the timing belt

- Very durable
- High corrosion resistance

REF [166TA2282](#)



UNIVERSAL GEAR LOCK KIT



Universal: Can be used on most vehicle makes and models with timing belts and provides cover for almost all single, twin and quad can engines

- Quick to install
- 'Multi-Point' adjustment for positive fit on all gear diameters
- Horizontal and vertical adjustments provide cover over greater gear diameter range
- Spring loading reduces setup time
- Made of heat-treated forged steel and high-strength, fiberglass-reinforced polymer
- Ideal for limited access situations

REF [166TA2283](#)

UNIVERSAL TOOL FOR ROTATING CAMSHAFT PULLEYS



- Made from forged steel
- With 2 pair of tips
- Diameter of the tool: 30 - 120 mm
- Diameter of the tips: 10 - 17 mm
- Length: 500 mm

REF [166TA2865](#)

CAMSHAFT LOCKING TOOL



REF [166TA2821](#)

ADJUSTING TENSIONER BELT SET -3 PIECES



- Spanner set for tensioning the toothed belt
- Application: all VAG engines

REF [166TA2866](#)



INJECTION PUMP LOCKING PIN



REF [166TA2820](#)

TENSIONER WRENCH



REF [166TA2823](#)



COMPRESSION GAUGES



Compression gauge for gasoline engines

- Instrument for checking compression on petrol engines
- Range: 4 to 17 bar
- Weight: 2,3 kg

REF [125TA6869](#)



Compression gauge for diesel engines

- Instrument for checking compression on diesel engines
- Range: 8 to 40 bar
- Weight: 2,4 kg
- This compression gauge for diesel engines can only be used in combination with below kit REF [127TA7822](#)

REF [125TA6870](#)



Kit dummy vaporisers & 1 dummy spark plug

- 3 dummy injectors and 1 dummy spark plug
- To be used with compression gauge for diesel engines (REF 125TA6870)
- Weight: 1,1 kg
- Dimensions of the box: 240 x 210 x 45 mm

REF [127TA7822](#)



STETHOSCOPE FOR MECHANICS



- Simple stethoscope
- Detects and locates abnormal noises such as worn bearings and engine faults

REF [142TA3157](#)

OUTSIDE MICROMETER



- Outside micrometer
- Reading to 0,01 mm

Range mm	Length mm	REF
0-25	130	142TA3004
25-50	165	142TA3005
50-75	190	142TA3006
75-100	220	142TA3007

DIAL GAUGE



- Measures shaft bend and end play
- Type of reading: analog
- Measuring range: 0 - 10 mm

REF [127TA9299](#)

Magnetic dial gauge holder

REF [127TA9302](#)



METRIC FEELER GAUGES



Thickness "	Thickness mm	Weight g	REF
0,002"-0,020"	0,05-0,5	35	142TA3009
0,002"-0,035"	0,05-1,0	65	142TA3010
0,002"-0,040"	0,05-1,0	100	142TA3011



THREAD GAUGE



Screw pitch gauge for ISO 60° metric and whitworth 55° threads

REF [107TA5460](#)

HONING BRUSH



- Flexible novoflex-B honingtool
- High-end quality
- For internal finishing

Diameter mm	REF
10	116TA5616
12	116TA5617
16	116TA5618
19	116TA5619
20	116TA5620
22	116TA5621
25	116TA5622

Diameter mm	REF
26,9	116TA5623
29	116TA5624
31,8	116TA5625
35	116TA5626
38	116TA5627
41	107TA7604
45	116TA5628

Diameter mm	REF
51	116TA5629
64	116TA5630
70	116TA5631
76	116TA5632
80	116TA5633
89	116TA5634
95	116TA5635

HAND BRUSH - PLASTIC



Hand brush with crimped wire and plastic handle

- For general use
- Due to narrow shape it can be used if space is tight
- Ergonomically shaped handle
- Brass-coated

REF [143TA6714](#)

HOOK & PICK SET - 4 PIECES



Used to remove o-rings
RVS hook and solid plastic soft grip handle
Set contains 4 mini tools (length: 150 mm)

- Awl
- Round hook
- Hook 45°
- Hook 90°

REF [166TA2284](#)



OIL SEAL TOOL KIT



Oil seals are durable and versatile components, whose functionality depends to a great extent upon their proper installation. Thus, for example, up to 30% of early failures of rotary shaft seals are traceable to faulty installation. We offer an assembly set that minimises installation errors and simplifies deinstallation.

REF [127TA3804](#)

FLAT SCRAPER



For scraping old sealant

- Front out scraper
- Length of the blade: 150 mm
- Total length of the scraper: 240 mm
- Width of the scraper: 23 mm

REF [127TA9506](#)



Beta Utensili S.p.A. Authorized Dealer

FLAT SCRAPER



For scraping of sealant

- Multipurpose, to remove labels, stickers and stubborn adhesives from windscreens
- Plastic handle scraper with metal blade holder for replaceable blades
- Double-sided blade
- Width of the scraper: 40 mm

REF [166TA2270](#)



PROFESSIONAL TOOLS



5 spare blades

REF [143TA6696](#)

SET OF 2 DOUBLE-SIDED VALVE GRINDERS



- Set of 2 valve grinders for grinding and polishing valves in the valve seat of the cylinder head
- Universal
- 2 wooden handles, each with a double rubber grinding head resistant to chemical agents.
- Maintain better grip on older valves thanks to the use of special rubber
- Diameters: 5/8", 13/16", 1-1/8", 1-3/8" (16-20 mm & 28-34 mm)

REF [141TA5659](#)



PROFESSIONAL TOOLS



VALVE GRINDING COMPOUND - TEROSON VR 2200

TEROSON



Grinding paste with 2 components: coarse and fine

- 2 components in 1 can with separate chambers and openings
- Coarse paste: used for pre-grinding
- Fine paste: used to achieve the desired surface finish
- Both pastes based on water soluble synthetic oil and corundum abrasives
- Both compounds are easy to use, do not run off the surfaces to be ground and can, as they are water-soluble, be easily rinsed off the components after grinding
- Used for grinding valve seats or other components such as ball valves, piston plugs ...
- Colour: grey
- Contents: 100 ml

REF [143TA3542](#)

VALVE ACTION PAINT MARKER



Markal[®]



- Pen with fast-drying liquid paint
- Provides long-lasting, wear- and weather-resistant marks
- Marking range: -46 °C to 66 °C
- Surface uses: steel and iron, plastic, glass, pipes and tubes, rubber and tyres, textiles
- Round tip of 3 mm

REF [107TA7486](#) – White paint, box of 12 pieces

OIL SUCTION PUMP - 500 ML

PRESSOL



- Capacity: 500 ml
- Steel cylinder, with plastic cover
- Transparent 350 ml flexible hose

REF [107TA7227](#)



MANUAL OIL AND FLUID EXTRACTOR - 9 L



Manual extractor used to perform quick removal extraction and distribution of oils and other fluids

- Oil can be removed with the suction unit via the oil gauge opening or the oil filter cap. That is why the device is supplied with 2 suction probes with different diameters
- Equipped with an automatic shut-off valve to prevent overfilling
- Suitable for engine oils, gear & transmission oils, power steering fluid, coolants, brake fluids ...
- Not suitable for fuels and corrosive products
- Tank capacity: 9 l

REF [166TA2285](#)

WASTE OIL DISPOSAL TANK - 75 L



Mobile waste oil drainer

- Dimensions: 600 x 580 x 1150 mm
- Discharge by compressed air
- Total capacity: 75 l
- Overpressure safety valve, set at 0,5 bar, with a pressure-regulating valve
- Transparent discharge hose: 2 m, with metal discharge spout
- Telescopic height level of drain bowl: 1180-1750 mm
- Drain bowl: volume 18 l, diameter: 420 mm
- For waste oils with flash points higher than 55 °C

REF [138TA8365](#)

FLEXIBLE REUSABLE FUNNEL



- For draining and pouring of liquids in applications where rigid funnels are too big
- Bends, moulds and holds any shape
- Dimensions: 370 x 165 mm

REF [164TA8074](#)



SPECIAL FUNNELS



- Capacity: 1,2 l
- Diameter: 160 mm
- Oil-, acid- & fuel-resistant
- Knee funnel polyethylene
- With removable brass strainer

1 REF [107TA7273](#)

- Capacity: 0,7 l
- Diameter: 150 mm
- Oil-, acid- & fuel-resistant
- Polyethylene funnel with flexible of 350 mm

2 REF [107TA7276](#)

DRAIN PAN



- Square with rounded corners
- Built-in hand grips allow for easy carrying & pouring

Capacity l	Dimensions mm	Height mm	REF
9,46	413 x 286	159	123TA8422
5,7	298 x 279	133	123TA8423



PARTS CLEANER



Parts cleaning device for use in repair shops. Ideal for cleaning large and bulky parts.

- Dimensions (L x W): 800 x 540 mm
- Height: 265 mm
- Max capacity: 80 kg
- Contents barrel: 200 l
- Voltage: 230 V
- Excluded barrel

REF [143TA6781](#) – Without foot



- Dimensions (L x W): 656 x 475 mm
- Height: 1075 mm
- Max capacity: 50 kg
- Contents barrel: 50 l
- Voltage: 230 V
- At work bench height (820 mm)
- Excluded barrel

REF [143TA6782](#) – With foot

PURGASOL SPECIAL CLEANING AGENT



- Industrial cleaning agent with fast and uniform evaporation/drying
- Use as solvent, degreaser and cleaning agent for industrial parts cleaning and degreasing of surfaces
- Skin-friendly and extremely deodorising hydrocarbon mixture, suitable for use on most surfaces

REF [143TA6785](#) – 200 l

REF [143TA6760](#) – 50 l

PARTS CLEANER



TOTAL SOURCE®

- Degreaser
- Prevents corrosion
- Suitable for all metals
- Contents: 10 l

REF [152TA3616](#)



BLOW GUN



- Long nozzle: 110 mm

REF [107TA7628](#)

GASKET REMOVER - LOCTITE 7200

LOCTITE



Gasket cleaning agent that removes gasket sealants within 10-15 minutes

- Designed to remove cured chemical gaskets by softening the material on the flanges
- Minimal scraping
- Foam structure prevents the agent from running off the desired location: keeps working for the required duration
- Usable on most types of surface
- Particularly suitable for aluminium or other soft metal flanges where scraping could lead to surface damage
- Contents: 400 ml

REF [138TA4534](#)

WD-40 MULTIFUNCTIONAL SPRAY - FLEXIBLE STRAW



Multi spray: cleans, lubricates and protects

- Protects metal surfaces from rust and corrosion
- Penetrates components to loosen stuck, frozen or rusted parts
- Displaces moisture preventing rust and dry out in electrical systems
- Lubricates to make equipment run smoothly: no more squeaking
- Removes oil, dirt, grease and grime
- 360° valve allows for upright or upside down application, making every job possible
- Smart Straw allows wide and precise spray: provides the necessary flexibility
- Bendable, retains its shape: reaches the unreachable, eliminating the need for disassembly
- Increased precision, less waste
- Strong metal tube: does not melt
- User-friendly
- Contents: 400 ml

REF [166TA2863](#)

Only available in Benelux, Germany, Austria, Switzerland and France



ARE YOU LOOKING FOR A SPECIFIC OIL FOR YOUR MACHINE?



If you use incorrect oil, your engine will be less efficient and less powerful. It will stop working or - in the worst case - seize.

Use high-quality oil that has the right specifications.

These specifications are becoming increasingly crucial, as engines are getting smaller though have higher performance, oils have to become thinner. Engine oils used to contain 5 to 10% additives, nowadays, because of the increased performance, an engine oil can contain up to 25%.

A universal engine oil, such as 5W30 or 15W40, doesn't exist. Each manufacturer has its own unique blend of additives and oils. Certain oils can, however, be used for multiple engines. A specific oil can either meet the requirements of the machine manufacturer or it has homologations of a specific machine manufacturer. If it meets the requirements, this means that the oil possesses the correct ratio of additives and oil. Still, this doesn't guarantee the optimal functioning. The **homologations** of the machine manufacturer can help you choose the ideal oil. This means the oil has been tested and approved for your machine.

Luckily, you don't have to worry about choosing the appropriate oil.

We offer a wide range of oils of the brand Total. Just send us the type and make of your machine or the type of oil you currently use. We will offer you the most suitable oil.

Contact our sales department for more information:

www.tvh.com/contact.



MULTI FUNCTIONAL SPRAY



Multispray: cleans, lubricates and protects

TOTALSOURCE®

- Displaces moisture, starts wet engines and prevents electrical failures
- Lubricates and loosens seized and rusted mechanisms
- Protects against humidity and prevents flash rust
- General corrosion protection
- Penetrates stuck parts quickly
- Safe on metals, most rubbers, plastics and coatings
- Test on sensitive or stressed materials before use
- Can spray both wide and precise
- Easy to use
- Contents: 400 ml

REF [166TA1570](#)

BRAKE CLEANER



TOTALSOURCE®

Efficient brake cleaner with high dissolving properties

- Non-conductive and non-corrosive
- Powerful spray jet for drum and disc brakes, brake linings, calipers and shoes
- Leaves no residue
- High price/quality ratio
- Contents: 500 ml

REF [166TA2288](#)

BRAKLEEN



CRC®

Powerful brake parts cleaner

- Removes oil, brake fluid, grease, street dirt and other hardened deposits
- Safe on most rubbers, plastics and coatings
- Fast-drying
- Leaves no residue
- Contents: 500 ml

REF [143TA3579](#)

CERAMIC PASTE PRO



CRC®

Universal, ceramic assembly paste for anti-seize applications

- Protects against galvanic corrosion and burn-in
- Facilitates disassembly after thermal stress (-40 to 1400 °C)
- Non-chlorinated and free of metal, lead and chromates
- Suitable for aluminium and stainless steel
- Excellent water resistance
- Contents: 250 ml

REF [165TA1250](#)



CARBURETTOR CLEANER



TOTAL SOURCE[®]

High-quality cleaner for the interior and the exterior of carburetors and valves

- No disassembly required
- Non-corrosive
- High dissolving properties
- Leaves no residue
- High value for money
- Contents: 400 ml

REF [166TA2864](#)

CARB & EGR CLEANER PRO



CRC

Powerful solvent blend to remove gum, carbon and sludge from carburetors, EGR, PVC and throttle valves in combustion engines

- Compatible with both diesel and gasoline engines
- Rapid and effective cleaning without disassembly
- Also sprays overhead
- Contents: 500 ml

REF [165TA1227](#)

INJECTOR CLEANER - ADDITIVE



CRC

Cleans injectors and entire fuel system of diesel and gasoline engines

- Prevents injector fouling
- Improves engine performance and acceleration
- Efficient water separation capability
- Prevents power loss
- Contents: 200 ml

REF [142TA8247](#)

GASKET SEALANT - LOCTITE SI 5980



LOCTITE[®]

Silicone sealant black

- Excellent adhesive strength
- Ideal for applications involving large gaps
- Label-free
- Oil-resistant
- Good glycol resistance

REF [165TA1290](#) - 100 ml

REF [143TA7907](#) - 40 ml





GASKET SEALANT



LOCTITE

High temperature RTV silicone sealant red

- Used in applications up to 315 °C
- Resists ageing, weathering and thermal cycling without hardening, shrinking or cracking
- Contents: 100 ml

REF [166TA2286](#)

LOCTITE 518 - GASKET SEALANT



Medium-strength gasketing product

LOCTITE



- Adapts to flange surface irregularities and scratches up to 25 mm
- Operating temperature: -55 °C up to +150 °C
- NSF: P1 - Reg n° 123758
- Ideal for use on rigid iron, steel and aluminium flanges
- Seals instantly against low pressures
- Excellent oil resistance
- Gel-type consistency (no dripping)
- Contents: 50 ml

REF [165TA1287](#)

LOCTITE EA 3450 - STRUCTURAL BONDING



LOCTITE

Structural bonding adhesive

- 2- component epoxy
- Easy and fast to apply at room temperature
- Ideal for repairing and bonding metal parts
- Develops high bonding strength
- Contents: 25 ml

REF [165TA1295](#)

LOCTITE EA 3463 - STRUCTURAL BONDING



LOCTITE

Magic metal steel stick

- Temperature: -30 °C up to +120 °C
- 2-component epoxy
- Steel-filled repair putty
- High compressive strength
- Good adhesion to most surfaces
- For the emergency repair of tanks, pipes and castings

REF [165TA1296](#) - 50 g

REF [165TA1297](#) - 114 g



ANTIFREEZE (CLASSIC TYPE C: G11)

TOTAL SOURCE®



- Monoethylene glycol
- Contents: 10 l

	Quantity of antifreeze	Protects in temperatures as low as
Dilution ratio	20%	-10 °C
	30%	-15 °C
	50%	-36 °C

REF [142TA8217](#)

LIQUID ANTIFREEZE WITH CORROSION INHIBITORS (TYPE D: G12+)

TOTAL SOURCE®



- Monoethylene glycol and organic corrosion inhibitors
- Strongly recommended for engines of the latest technology
- Contents: 10 l

	Quantity of antifreeze	Protects in temperatures as low as
Dilution ratio	33%	-20 °C
	40%	-26 °C
	50%	-37 °C
	68%	-69 °C

REF [140TA9059](#)

READY-TO-USE COOLANT (ALREADY DILUTED CLASSIC TYPE C: G11)

TOTAL SOURCE®



- Monoethylene glycol
- Protects in temperature as low as -28 °C
- Contents: 5 l

REF [144TA6100](#)

READY-TO-USE COOLANT (ALREADY DILUTED TYPE D: G12+)

TOTAL SOURCE®



- Monoethylene glycol and organic corrosion inhibitors
- Strongly recommended for engines of the latest technology
- Protects in temperatures as low as -28 °C
- Contents: 5 l

REF [144TA6103](#)



- Do not mix type C and type D
- Use demineralised water to dilute the antifreeze

Demineralised water	
Volume: 5 l	REF 139TA3478
Volume: 25 l	REF 106TA8676



ABSORBING KITS TO REMOVE SPILLS (20 L)



Ensures a quick response in case of spillage of oils, chemicals and other hazardous fluids

Contains:

- 30 absorbing pads to absorb large amounts of fluids: 30 x 30 cm
- 1 absorbing sock to curb the spill: 8 cm x 1,2 m
- 5 cleaning rags to absorb small amounts of fluids
- 1 pair of gloves
- 2 bags 30 l
- Safety goggles (only in chemical version)

REF 165TA1315 – Oil spill kit - blue cloths absorb oil and repel water

REF 165TA1314 – Chemical spill kit - yellow cloths absorb all fluids

REF 165TA1313 – Universal spill kit - grey cloths absorb all fluids

ABSORBING TOWELS



Box with 100 absorbing pads

- Dimensions of a pad: 410 x 510 mm
- Absorbs about everything (oil, liquids, acids ...)

REF 107TA7236

HAND CLEANING

TOTALSOURCE®



- Wipes in non-woven fabric
- Fast and easy cleaning without water and soap
- With citrus solvent
- Antibacterial additive
- Suitable for removing paint, tar, rust, glue, grease, oil, lubricants etc.
- Tested according to EN 1276 and EN 12504
- Cleaning power: ++++

REF 147TA3378 – Box 100 wipes (dimensions wipes: 27 x 27 cm)

REF 147TA3379 – Box 40 wipes (dimensions wipes: 15 x 20 cm)



Stainless steel wall bracket (can be used for REF 147TA3378)

REF 147TA3380



CLEANING TISSUE



TOTALSOURCE®



- Floor-mounting dispenser
- Rolls excluded

REF 140TA9060



- Wall-mounting dispenser
- Rolls excluded

REF 107TA8503

REF 106TA6744 – 2 white rolls (600 m x 240 mm)

GLOVES OIL GRIP FULLY COATED



Honeywell

- Full liquid repellent hand cover helps prevent liquids from entering
- Excellent grip in an oily environment
- Light weight nylon shell

Applications:

- Mechanical assembly and subcontracting (automotive industry)
- Construction and public works
- Petrochemistry

Standard:

- Cat II
- EN 420
- EN 388:3131x

REF 143TA7000 – Size: S

REF 143TA7001 – Size: M

REF 143TA6998 – Size: XL

CATALOGUE



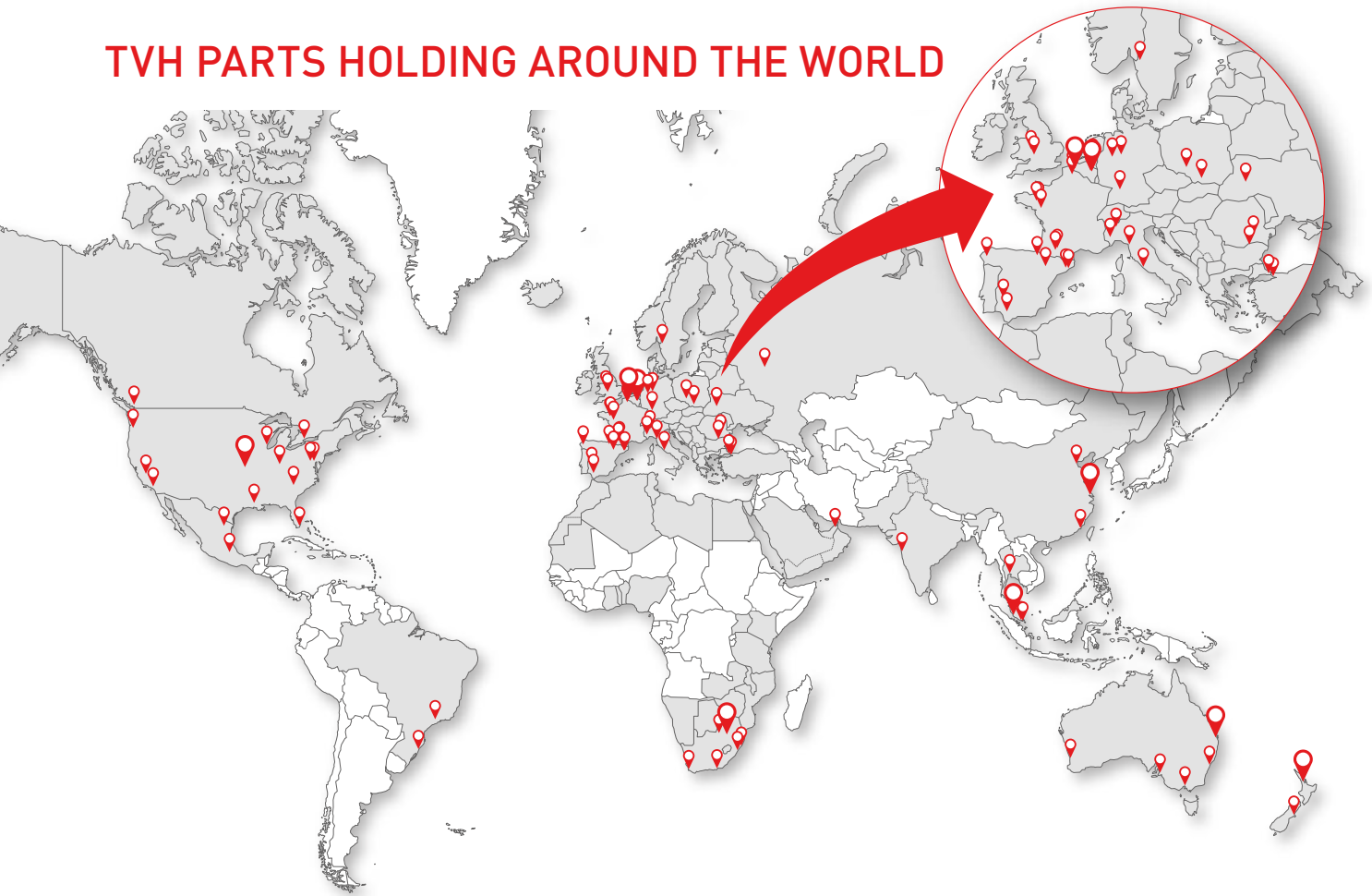
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REF 39423578

Our Consumables & accessories catalogue contains an extensive range of safety products for your personnel, machines and warehouse, all types of tools, a wide variety of warehouse equipment, a wide range of oils, sprays, paint & accessories and practical accessories for your lift truck or warehouse equipment.



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TVH[®]



PARTS & ACCESSORIES



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