

Engine

2730 (2010-2012) - RC01 - 2730 HST-R

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A-05
01



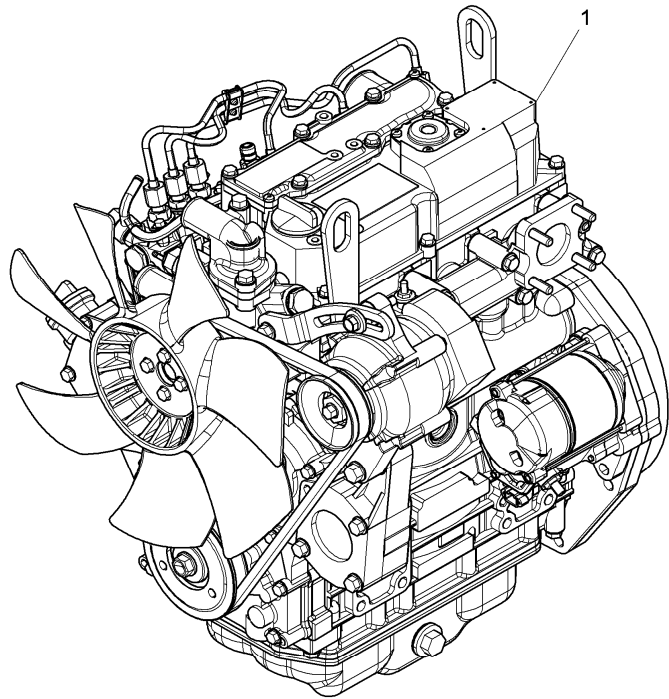
A0501

Engine assembly

Inglese

1 6501467M92

Yanmar 3tnv76-dv 1 Engine



Engine

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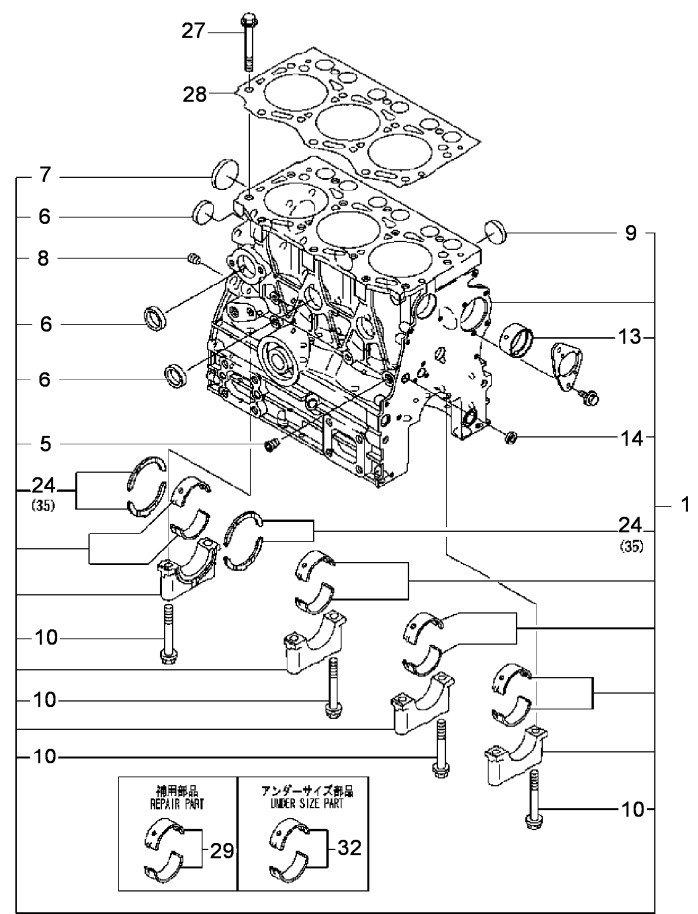
A-05
02



A0502

Cylinder block

RC01\00040622.png



- 1 4217895M91
- 5 3678007M1 ! 1
- 6 4217896M1 ! 1
- 7 4217897M1 ! 1
- 8 3653316M1 ! 1
- 9 4217898M1 ! 1
- 10 4216135M1 ! 1
- 13 4217899M1 ! 1
- 14 3653888M1 ! 1
- 24 4217900M1 ! 1
- 27 4216138M1
- 28 4217901M1
- 29 4217902M91
- 32 4217903M91
- 35 4216141M1

Inglese

- 1 Kit
- 1 Plug
- 2 Coperch.
- 1 Plug
- 1 Plug
- 3 Retainer
- 8 Bolt
- 1 Bush
- 1 Plug
- 2 Bandage
- 14 Bolt
- 1 Gasket
- 4 Kit
- 4 Kit
- 2 Clamp

! This is a component of an assembly

Engine

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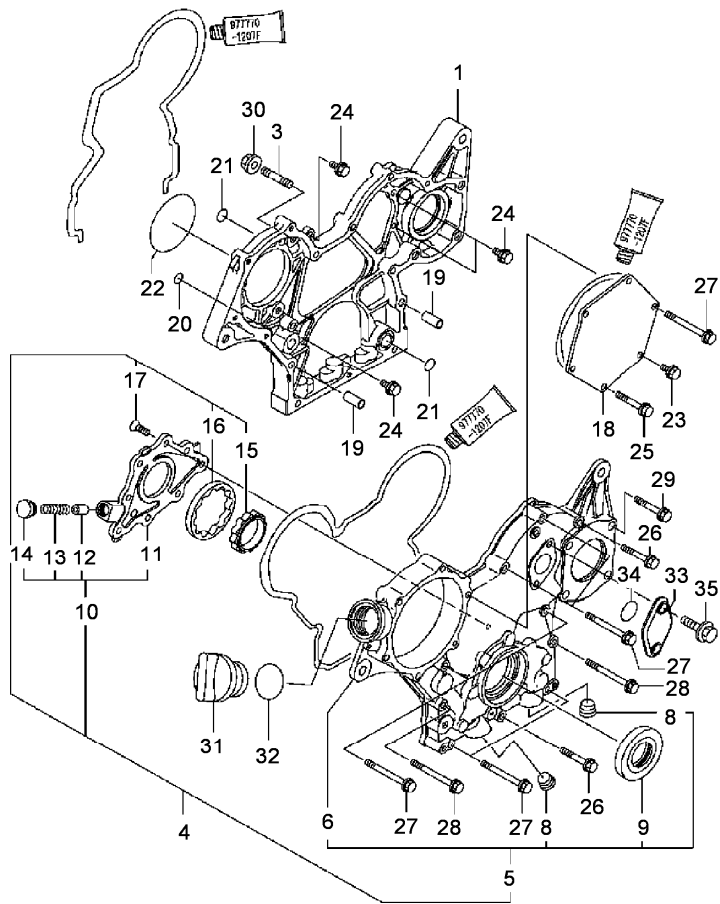
A-05
03



A0503

Distribution cover

RC01\00040623.png



- 1 4217904M1
- 3 4217905M1
- 4 4217906M91
- 5 4217907M91 ! 4
- 6 4217908M1 ! 5
- 8 3665018M1 ! 6
- 9 4217909M1 ! 5
- 10 4217910M91 ! 4
- 11 4217911M1 ! 10
- 12 3678295M1 ! 10
- 13 4217912M1 ! 10
- 14 3678013M1 ! 10
- 15 4217913M1 ! 4
- 16 4217914M1 ! 4
- 17 3677981M1 ! 4
- 18 4217915M1
- 19 4217916M1
- 20 4217917M1
- 21 4217918M1
- 22 3653310M1
- 23 3679848M1
- 24 3653853M1
- 25 4216062M1
- 26 4216062M1

Inglese

- 1 Coperch.
- 3 Stud
- 1 Kit
- 1 Kit
- 1 Coperch.
- 2 Plug
- 1 Ring
- 1 Kit
- 1 Coperch.
- 1 Valve
- 1 Spring
- 1 Plug
- 1 Rotor
- 1 Rotor
- 8 Screw
- 1 Coperch.
- 4 Dowel
- 1 Ring
- 3 Gear
- 1 O ring
- 1 Bolt
- 4 Bolt
- 4 Bolt
- 2 Bolt

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03

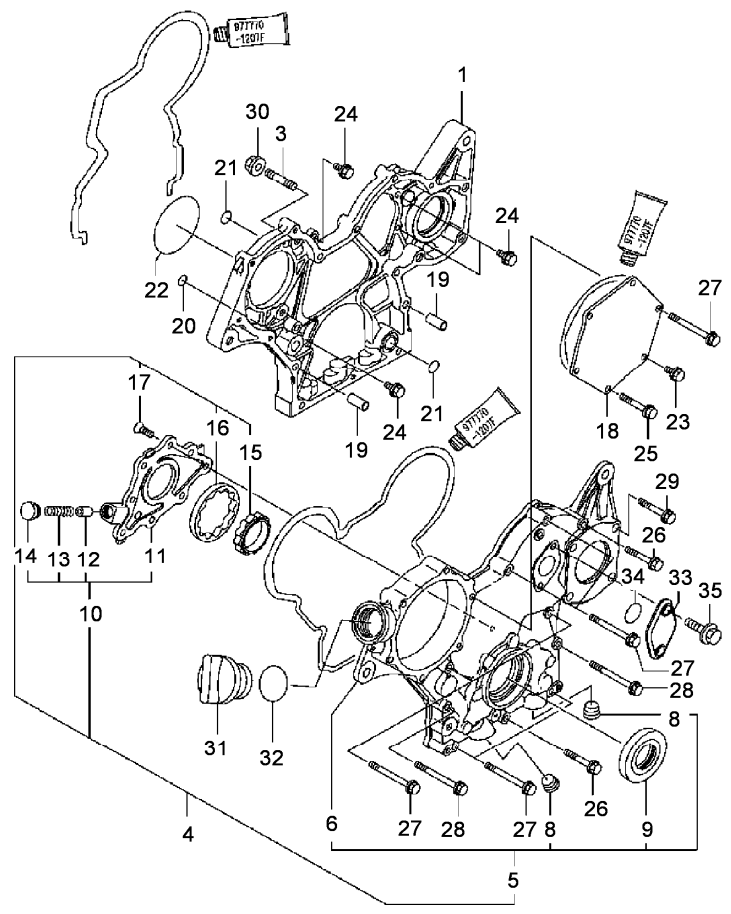
Distribution cover

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Inglese

- 27 4217919M1
- 28 4217920M1
- 29 3653861M1
- 30 3666905M1
- 31 3653315M1
- 32 3653835M1
- 33 4215980M1
- 34 3653841M1
- 35 3653853M1
- 7 Bolt
- 2 Bolt
- 3 Bolt
- 3 Nut
- 1 Plug
- 1 O ring
- 1 Coperch.
- 1 O ring
- 2 Bolt

! This is a component of an assembly

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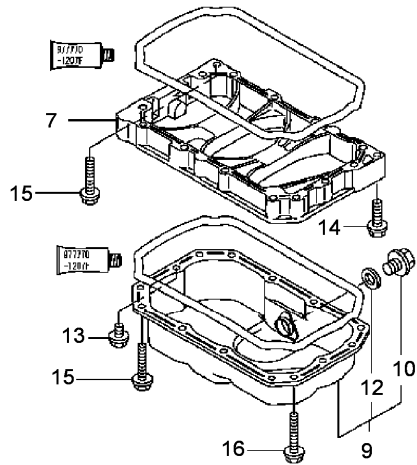
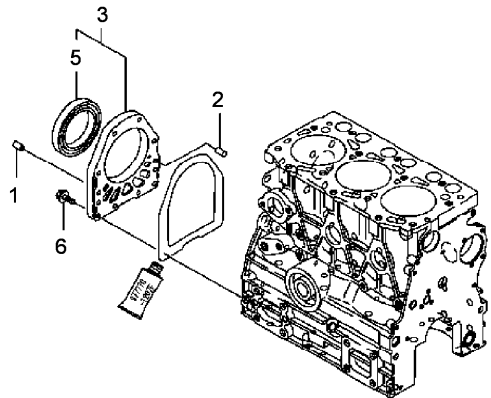
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04



A0504

Lubricating oil pump and delivery housing



- 1 3653378M1
- 2 4217923M1
- 3 4217924M91
- 5 4217928M1 ! 3
- 6 3653855M1
- 7 4217926M1
- 9 6508463M91
- 10 6508464M1 ! 9
- 12 4216128M1 ! 9
- 13 3653856M1
- 14 3666895M1
- 15 3653863M1
- 16 3653864M1

Inglese

- 2 Dowel
- 2 Dowel
- 1 Crankcase
- 1 Seal
- 10 Bolt
- 1 Ring
- 1 Ferrule
- 1 Plug
- 1 Gasket
- 1 Bolt
- 1 Bolt
- 11 Bolt
- 3 Bolt

! This is a component of an assembly

Engine

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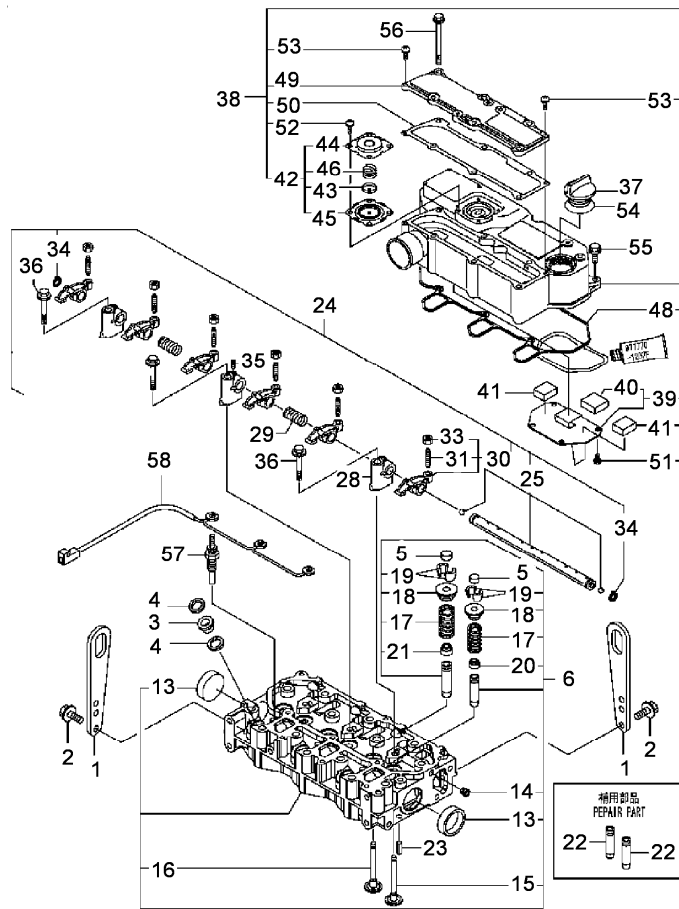
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A-05
05



A0505

Cylinder head-rocker shaft



- | | | | |
|----|------------|---|----|
| 1 | 3664580M1 | | |
| 2 | 3653858M1 | | |
| 3 | 4217929M1 | | |
| 4 | 4217930M1 | | |
| 5 | 4217931M1 | | |
| 6 | 4217932M91 | | |
| 13 | 4217933M1 | ! | 6 |
| 14 | 3653827M1 | ! | 6 |
| 15 | 4217934M1 | ! | 6 |
| 16 | 4217935M1 | ! | 6 |
| 17 | 4217936M1 | ! | 6 |
| 18 | 3678241M1 | ! | 6 |
| 19 | 3677965M1 | ! | 6 |
| 20 | 3677966M1 | ! | 6 |
| 21 | 3677968M1 | ! | 6 |
| 22 | 3677967M1 | | |
| 23 | 3653818M1 | | |
| 24 | 4217937M91 | | |
| 25 | 4217938M91 | ! | 24 |
| 28 | 4217939M1 | ! | 24 |
| 29 | 4217940M1 | ! | 24 |
| 30 | 4217941M91 | ! | 24 |
| 31 | 3653439M1 | ! | 30 |
| 33 | 3653444M1 | ! | 30 |

Inglese

- | | |
|----|----------|
| 2 | Cam |
| 4 | Bolt |
| 3 | Guard |
| 6 | Gasket |
| 6 | Coperch. |
| 1 | Kit |
| 2 | Retainer |
| 1 | Plug |
| 3 | Valve |
| 3 | Valve |
| 6 | Spring |
| 6 | Clip |
| 12 | Dowel |
| 3 | Ring |
| 3 | Ring |
| 2 | Guide |
| 2 | Pin |
| 1 | Support |
| 1 | Dowel |
| 3 | Support |
| 2 | Dowel |
| 6 | Kit |
| 1 | Screw |
| 1 | Nut |

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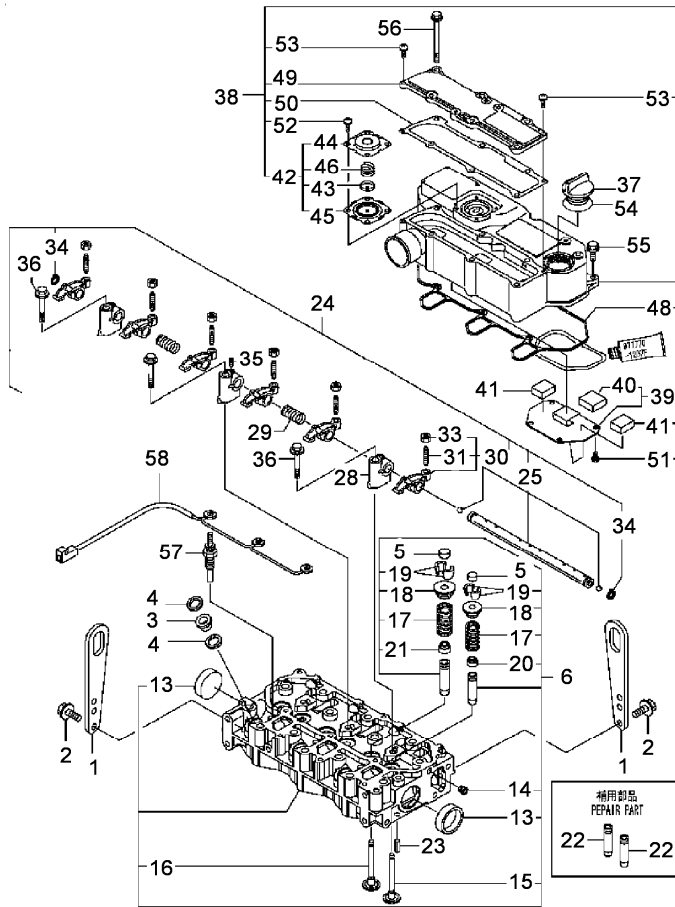
A-05
05



A0505

Cylinder head-rocker shaft

Inglese



- 34 4217942M1 ! 30
- 35 4217943M1 ! 30
- 36 3653862M1
- 37 3653315M1
- 38 4217944M91
- 39 4217945M91 ! 38
- 40 4217946M1 ! 39
- 41 4217946M1 ! 38
- 42 4217947M91 ! 38
- 43 3680210M1 ! 42
- 44 4215999M1 ! 42
- 45 4217948M1 ! 42
- 46 4216001M1 ! 42
- 48 4217949M1 ! 38
- 49 4217950M1 ! 38
- 50 4217969M1 ! 38
- 51 3665010M1 ! 38
- 52 3665010M1 ! 38
- 53 4217970M1 ! 38
- 54 3653835M1
- 55 3653854M1
- 56 4217971M1
- 57 4217972M1
- 58 4217973M1

- 2 Ring
- 1 Bolt
- 3 Bolt
- 1 Plug
- 1 Kit
- 1 Kit
- 1 Plate
- 2 Plate
- 1 Kit
- 1 Plate
- 1 Coperch.
- 1 Spacer
- 1 Spring
- 1 Gasket
- 1 Coperch.
- 1 Dowel
- 4 Screw
- 4 Screw
- 2 Screw
- 1 O ring
- 3 Bolt
- 6 Bolt
- 3 Spark plug
- 1 Collar

! This is a component of an assembly

Engine

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05

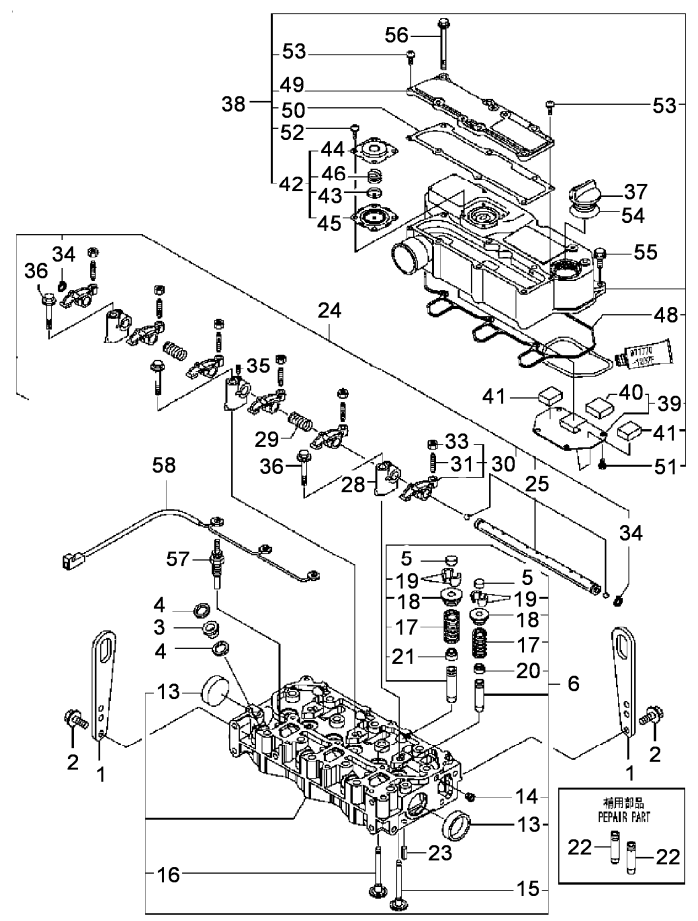
Cylinder head-rocker shaft

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06

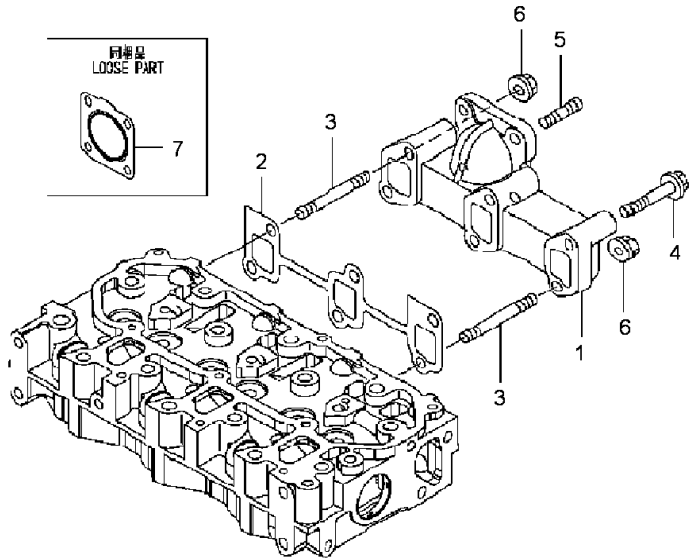


A0506

Exhaust manifold

Inglese

- | | | | |
|---|-----------|---|--------|
| 1 | 4217974M1 | 1 | Collet |
| 2 | 4217975M1 | 1 | Gasket |
| 3 | 4217976M1 | 2 | Stud |
| 4 | 4217641M1 | 4 | Bolt |
| 5 | 3653262M1 | 4 | Bolt |
| 6 | 3666905M1 | 2 | Nut |
| 7 | 4217978M1 | 1 | Gasket |



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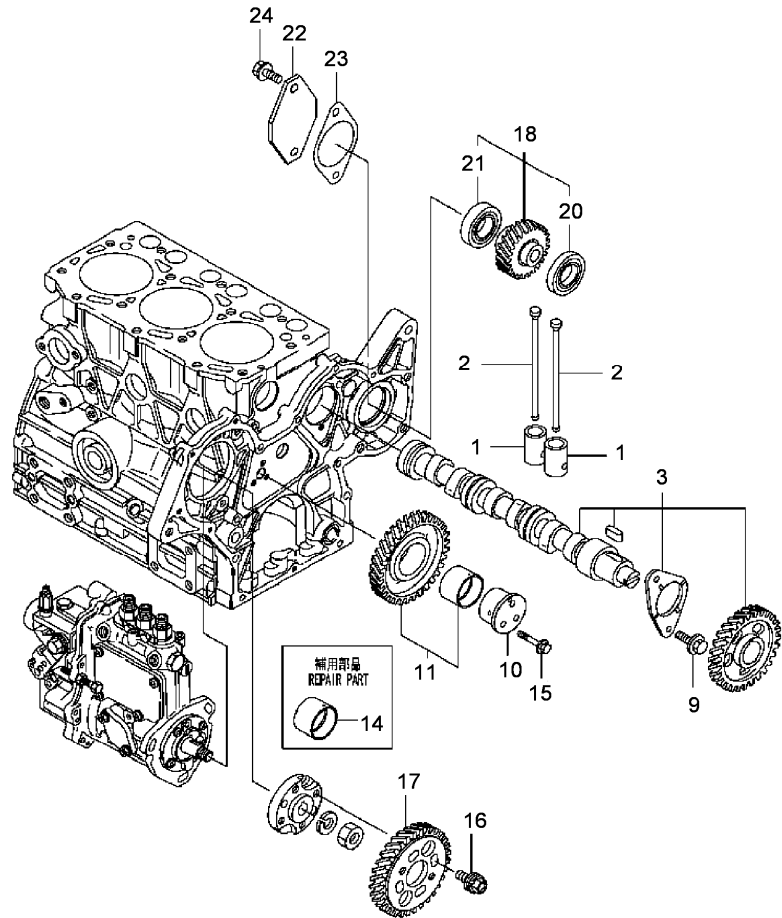
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A-05
07



A0507

Timing gear and camshaft



- 1 4217979M1
- 2 4217980M1
- 3 4217981M91
- 9 3679848M1
- 10 4217982M1
- 11 4217983M91
- 14 4217984M1
- 15 3680228M1
- 16 3664454M1
- 17 4217985M1
- 18 4217987M91
- 20 4217988M1 ! 18
- 21 4217989M1 ! 18
- 22 6508465M1
- 23 4217991M1
- 24 3653858M1

Inglese

- 6 Dowel
- 6 Rod
- 1 Shaft
- 2 Bolt
- 1 Shaft
- 1 Gear
- 1 Bush
- 3 Bolt
- 4 Screw
- 1 Gear
- 1 Gear
- 1 Cage
- 1 Cuscinet
- 1 Cover
- 1 Gasket
- 2 Bolt

! This is a component of an assembly

Engine

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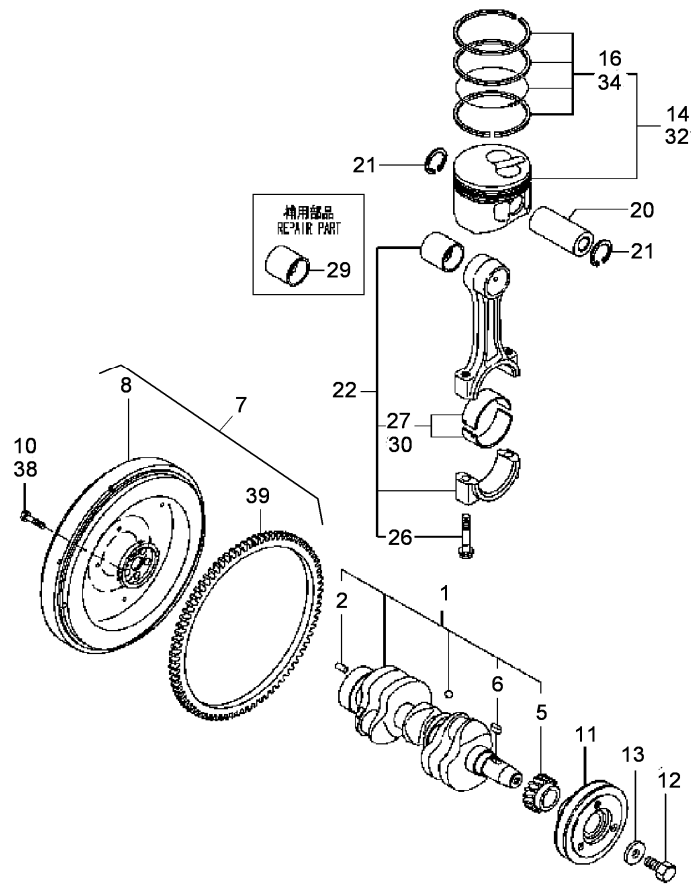
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08



A0508

Crankshaft, pistons and connecting rods

RC01\00040628.png



			Inglese
1	4217992M91		1 Shaft
2	3653378M1	! 1	1 Dowel
5	4217993M1	! 1	1 Gear
6	4217994M1	! 1	1 Key
7	4220062M92		1 Flywheel
8		! 7	1 Flywheel
		➡ Ref.n.7	
10	3653301M1		5 Bolt
11	4217996M1		1 Pulley
12	6508468M1		1 Screw
13	4217998M1		1 Washer
14	4217999M91		3 Kit
16	4218000M91	! 14	1 Kit
20	4218001M1		3 Dowel
21	4218002M1		6 Ring
22	4218003M91		3 Kit
26	4218004M1	! 22	2 Bolt
27	4218005M1		3 Bearing
29	4218006M1		3 Bush
30	4218009M1		3 Bearing
32	6508467M91		3 Piston
34	4218008M91	! 32	1 Kit
38	3653301M1		5 Bolt
39		! 7	1 Crownwheel
		➡ Ref.n.7	

Engine

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08

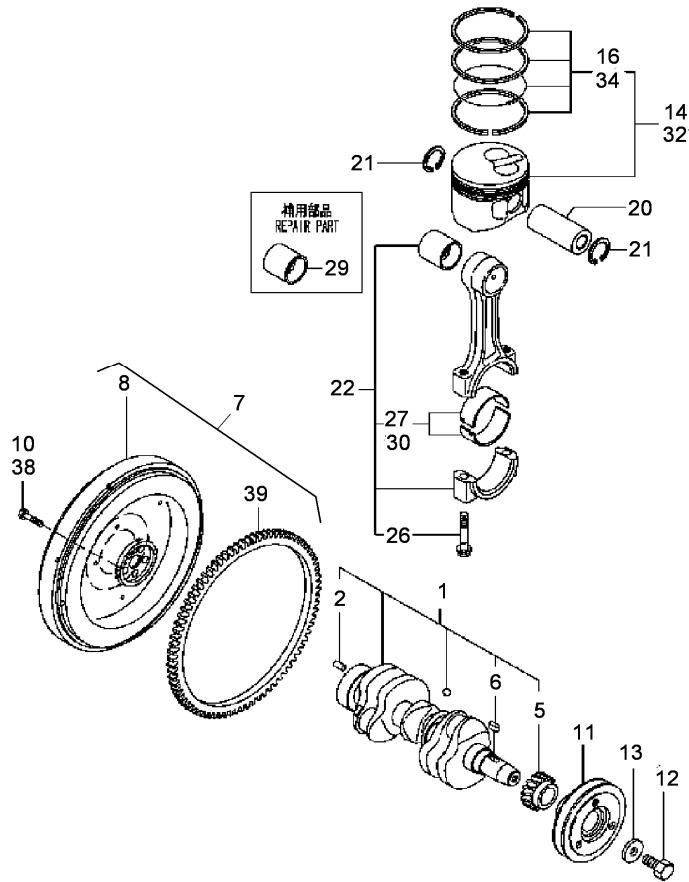


A0508

Crankshaft, pistons and connecting rods

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- ! This is a component of an assembly
- ▣ Not serviced, order



Engine

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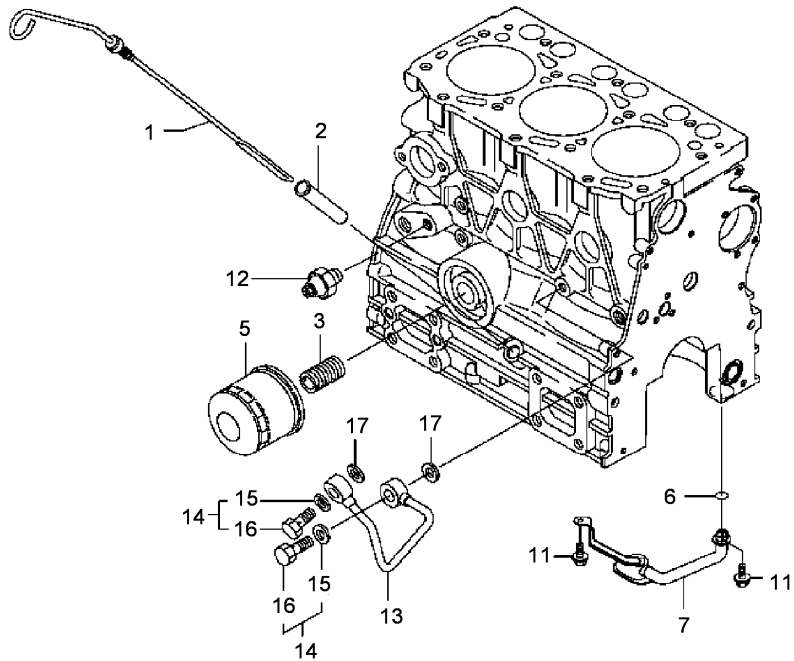
A-05
09



A0509

Lubricating oil pump and delivery housing-oil filter

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Inglese

- | | | | | |
|----|------------|---|----|--------|
| 1 | 6508472M1 | | 1 | Rod |
| 2 | 3653306M1 | | 1 | Guide |
| 3 | 3680225M1 | | 1 | Stud |
| 5 | 4218027M2 | | 1 | Filter |
| 6 | 4218028M1 | | 1 | Ring |
| 7 | 6508473M91 | | 1 | Pipe |
| 11 | 3653851M1 | | 2 | Bolt |
| 12 | 3664370M1 | | 1 | Switch |
| 13 | 4218030M1 | | 1 | Pipe |
| 14 | 3678024M1 | | 2 | Bolt |
| 15 | 3653808M1 | ! | 14 | Washer |
| 16 | 3665013M1 | ! | 14 | Bolt |
| 17 | 3653808M1 | | 2 | Washer |

! This is a component of an assembly

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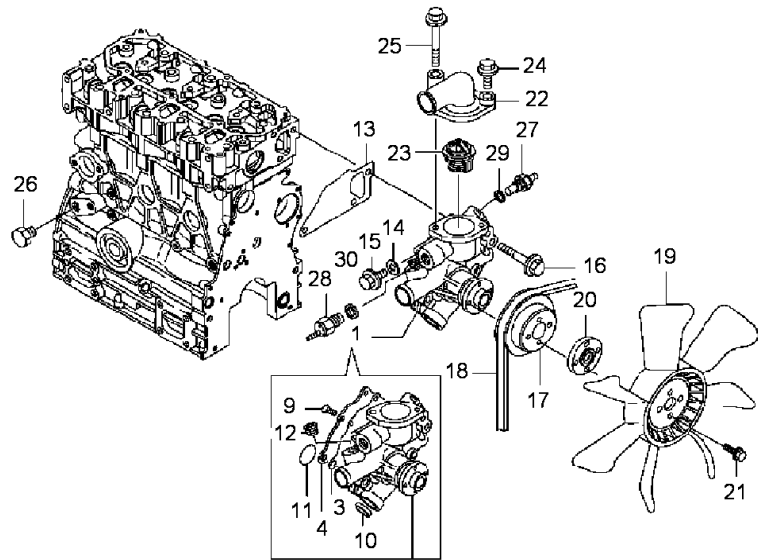
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A0510

Water pump, thermostat and heat exchanger

RC01\00040239.png



		Inglese
1	4218031M91	1 Kit
3	4218032M1 ! 1	1 Gasket
4	4218033M1 ! 1	1 Cover
9	4218034M1 ! 1	4 Bolt
10	4218035M1 ! 1	1 Plug
11	4218036M1 ! 1	1 Ring
12	3678297M1	1 Plug
13	4218037M1	1 Gasket
14	3653822M1	1 Gasket
15	3653856M1	1 Bolt
16	3653864M1	3 Bolt
17	6504810M1	1 Pulley
18	6504808M1	1 Belt
19	4218040M1	1 Fan
20	4218041M1	1 Spacer
21	3653854M1	4 Bolt
22	3678009M1	1 Cover
23	4218042M1	1 Sensor
24	3653860M1	1 Bolt
25	3653866M1	1 Bolt
26	3653797M1	1 Plug
27	6507115M91 A	1 Sensor
28	3653302M1	1 Switch,indirect
29	3554593M1	1 Washer

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A0510

Water pump, thermostat and heat exchanger

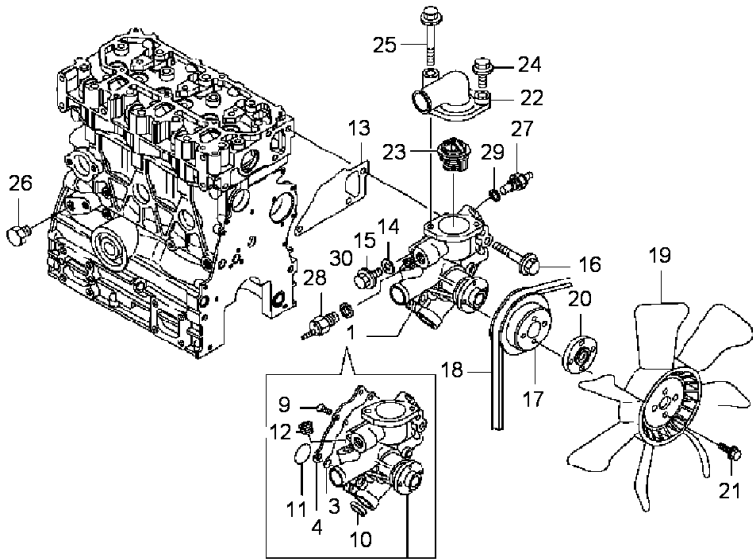
Inglese

30 3653324M1

1 Gasket

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A Water temperature



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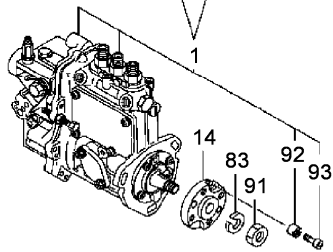
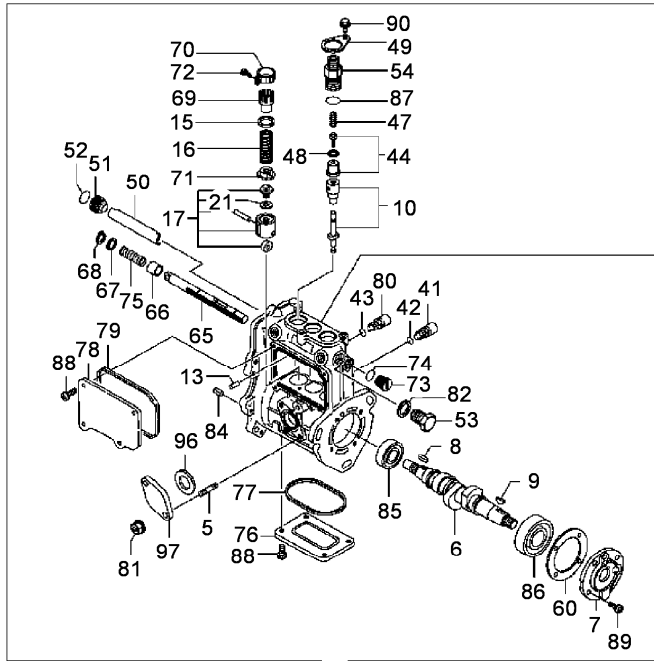
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A0511

Injection pump assy



- 1 6508470M91
- 5 3653471M1
- 6 4218044M1
- 7 4218045M1
- 8 4218046M1
- 9 3653312M1
- 10 4218047M91
- 13 3653474M1
- 14 4217986M1
- 15 4218048M1
- 16 4218049M1
- 17 4218050M91
- 21 3653496M1
- 41 4215971M1
- 42 3653478M1
- 43 3653478M1
- 44 4218051M91
- 47 4218052M1
- 48 3653325M1
- 49 4218053M1
- 50 3653484M1
- 51 4218054M1
- 52 4218055M1
- 53 4218056M1

Inglese

- 1 Pump
- 2 Stud
- 1 Shaft
- 1 Support
- 1 Retainer
- 1 Key
- 3 Nozzle
- 3 Pin
- 1 Flange
- 3 Retainer
- 3 Spring
- 3 Tappet
- 3 Shim
- 3 Valve
- 3 Ring
- 3 Ring
- 3 Kit
- 3 Spring
- 3 Gasket
- 3 Retainer
- 1 Deflector
- 1 Plug
- 1 Ring
- 1 Plug



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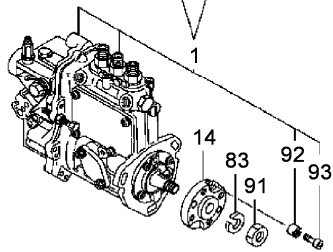
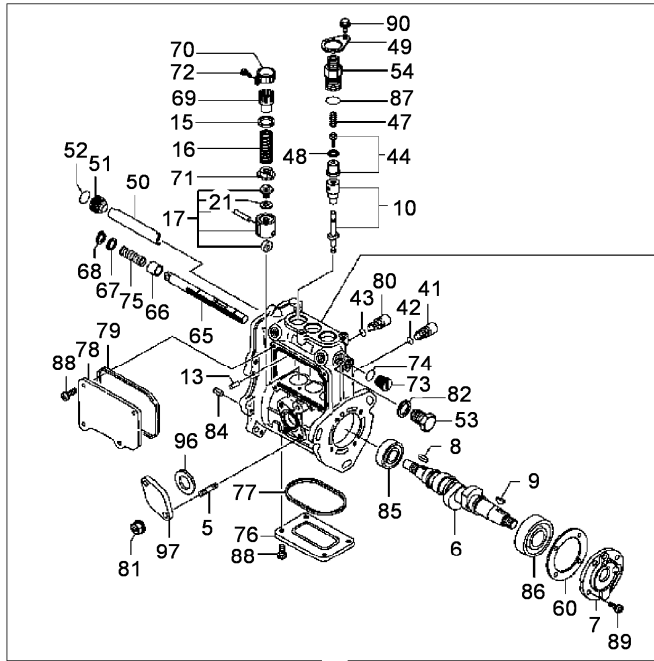
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A0511

Injection pump assy



- 54 4218057M91
- 60 3653487M1
- 65 4218058M1
- 66 3653489M1
- 67 3653490M1
- 68 3653491M1
- 69 3653492M1
- 70 4218059M1
- 71 4218060M1
- 72 3653311M2
- 73 4218062M1
- 74 3653494M1
- 75 3653495M1
- 76 3664457M1
- 77 4218063M1
- 78 4218064M1
- 79 4218065M1
- 80 4218066M1
- 81 6508471M1
- 82 3653811M1
- 83 3653814M1
- 84 3653817M1
- 85 4218067M1
- 86 3653829M1

Inglese

- 3 Valve
- 1 Shim
- 1 Rod
- 1 Bush
- 1 Spacer
- 1 Ring
- 3 Pinion
- 3 Pinion
- 3 Retainer
- 3 Screw
- 1 Plug
- 1 O ring
- 1 Spring
- 1 Coperch.
- 1 Gasket
- 1 Coperch.
- 1 Gasket
- 1 Valve
- 2 Nut
- 1 Bush
- 1 Washer
- 1 Dowel
- 1 Cuscinet
- 1 Cuscinet

Engine

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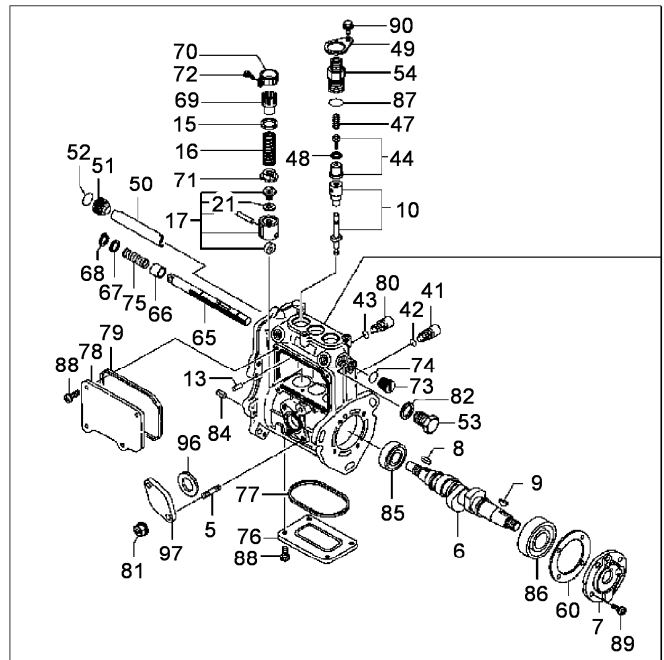
Injection pump assy

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- 87 4218068M1
- 88 3007932X1
- 89 3653850M1
- 90 4218069M1
- 91 3653882M1
- 92 4218070M1
- 93 4218071M1
- 96 3685384M1
- 97 4218074M1

Inglese

- 3 Ring
- 8 Screw
- 4 Screw
- 3 Screw
- 1 Nut
- 1 Bush
- 1 Bolt
- 1 Gasket
- 1 Coperch.

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