

Engine

4600 (2012-) - RS02 - 4630 ISM-ARM

RS02\00040250.png

A-05
01



A0501

Engine assembly

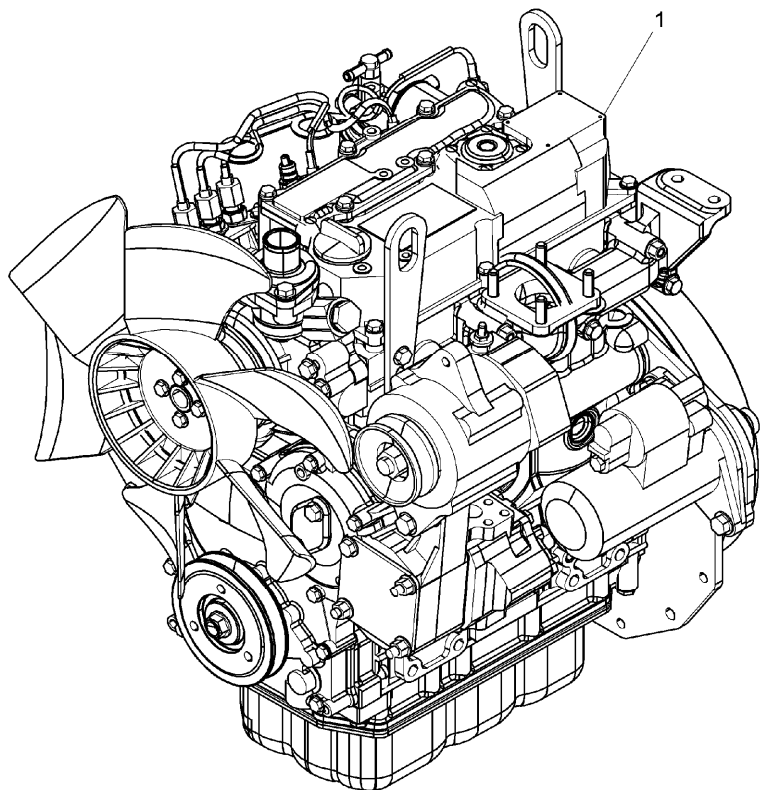
Inglese

1 3690146M91

Yanmar 3tnv76

1 Engine

25 cv / 18 kw



Engine

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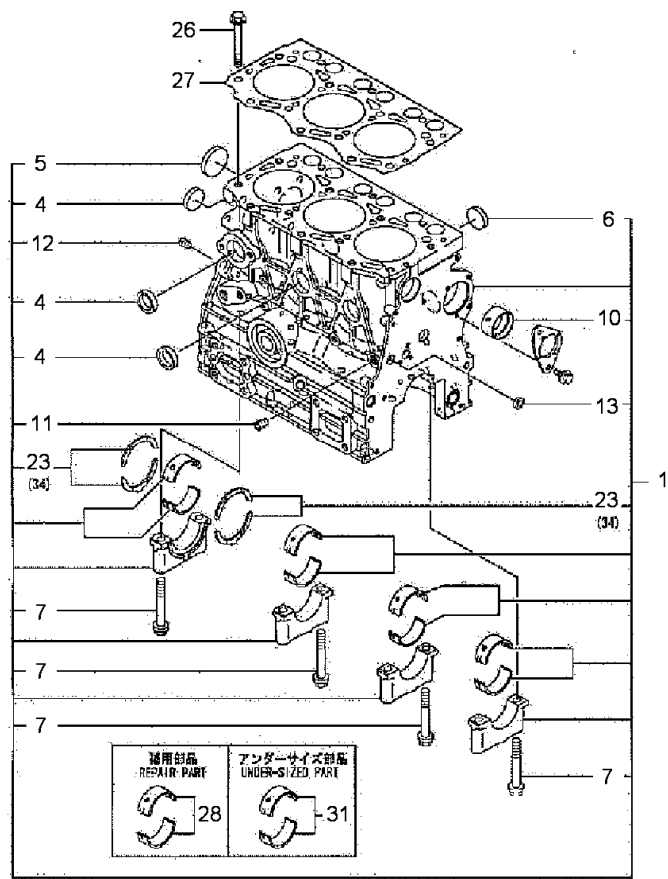
A-05
02



A0502

Cylinder block

RS02\00040230.png



- 1 4217895M91
- 4 4217896M1
- 5 4217897M1
- 6 4217898M1
- 7 4216135M1
- 10 4217899M1
- 11 3678007M1
- 12 3653316M1
- 13 3653888M1
- 23 4217900M1
- 26 4216138M1
- 27 4217901M1
- 28 4217902M91
- 31 4217903M91
- 34 4216141M1

Inglese

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

Engine

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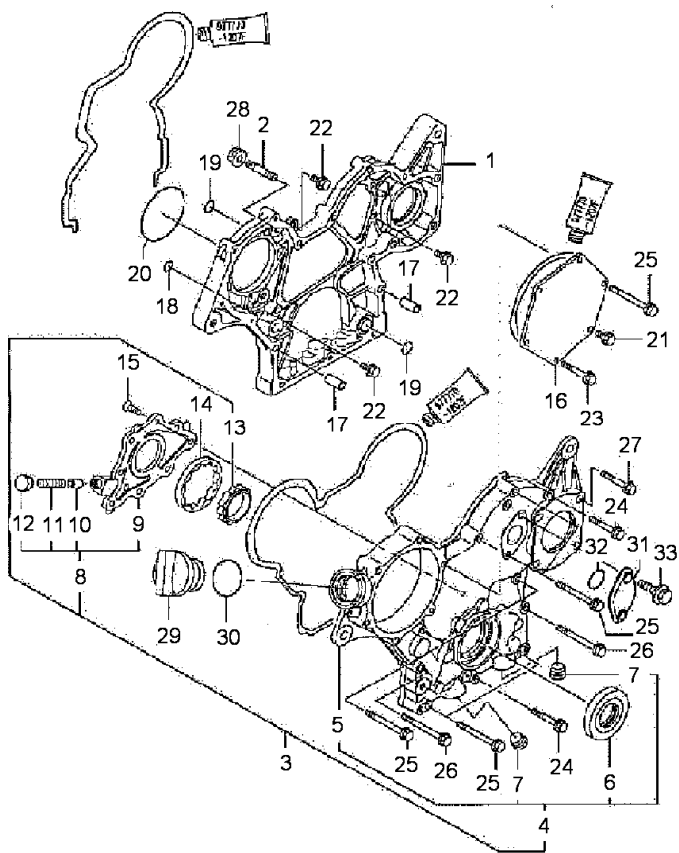
A-05
03



A0503

Distribution cover

RS02\00040232.png



Inglese

- | | | | |
|----|------------|---|----------|
| 1 | 4217904M1 | 1 | Coperch. |
| 2 | 4217905M1 | 3 | Stud |
| 3 | 4217906M91 | 1 | Kit |
| 4 | 4217907M91 | 1 | Kit |
| 5 | 4217908M1 | 1 | Coperch. |
| 6 | 4217909M1 | 1 | Ring |
| 7 | 3665018M1 | 2 | Plug |
| 8 | 4217910M91 | 1 | Kit |
| 9 | 4217911M1 | 1 | Coperch. |
| 10 | 3678295M1 | 1 | Valve |
| 11 | 4217912M1 | 1 | Spring |
| 12 | 3678013M1 | 1 | Plug |
| 13 | 4217913M1 | 1 | Rotor |
| 14 | 4217914M1 | 1 | Rotor |
| 15 | 3677981M1 | 8 | Screw |
| 16 | 4217915M1 | 1 | Coperch. |
| 17 | 4217916M1 | 4 | Dowel |
| 18 | 4217917M1 | 1 | Ring |
| 19 | 4217918M1 | 3 | Gear |
| 20 | 3653310M1 | 1 | O ring |
| 21 | 3679848M1 | 1 | Bolt |
| 22 | 3653853M1 | 4 | Bolt |
| 23 | 4216062M1 | 4 | Bolt |
| 24 | 4216062M1 | 2 | Bolt |

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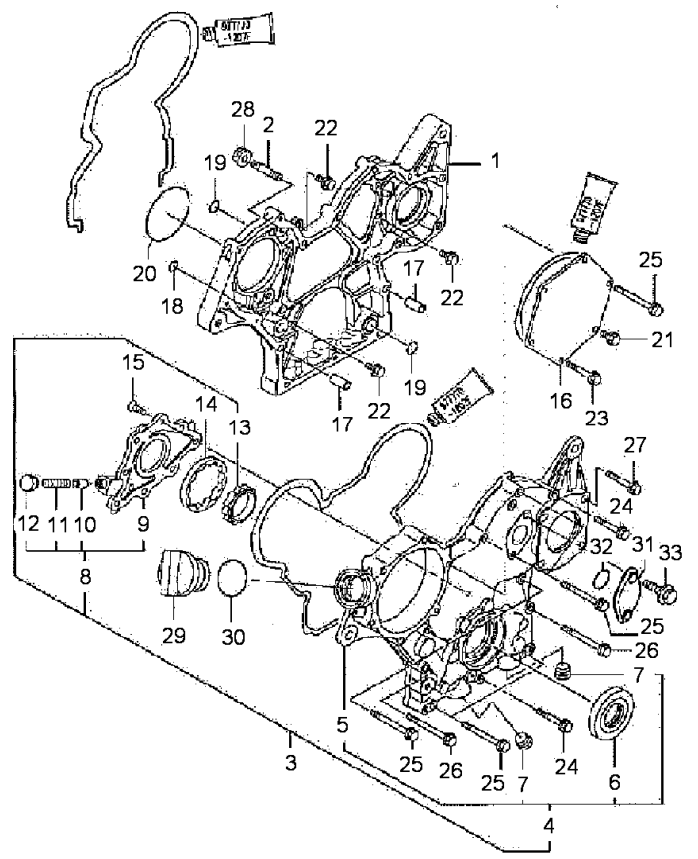
A-05
03



A0503

Distribution cover

RS02\00040232.png



- 25 4217919M1
- 26 4217920M1
- 27 3653861M1
- 28 3666905M1
- 29 3664430M1
- 30 3653835M1
- 31 4215980M1
- 32 3653841M1
- 33 3653853M1

● 3653315M1(1)

● Replacement

Inglese

- 7 Bolt
- 2 Bolt
- 3 Bolt
- 3 Nut
- 1 Plug
- 1 O ring
- 1 Coperch.
- 1 O ring
- 2 Bolt

Engine

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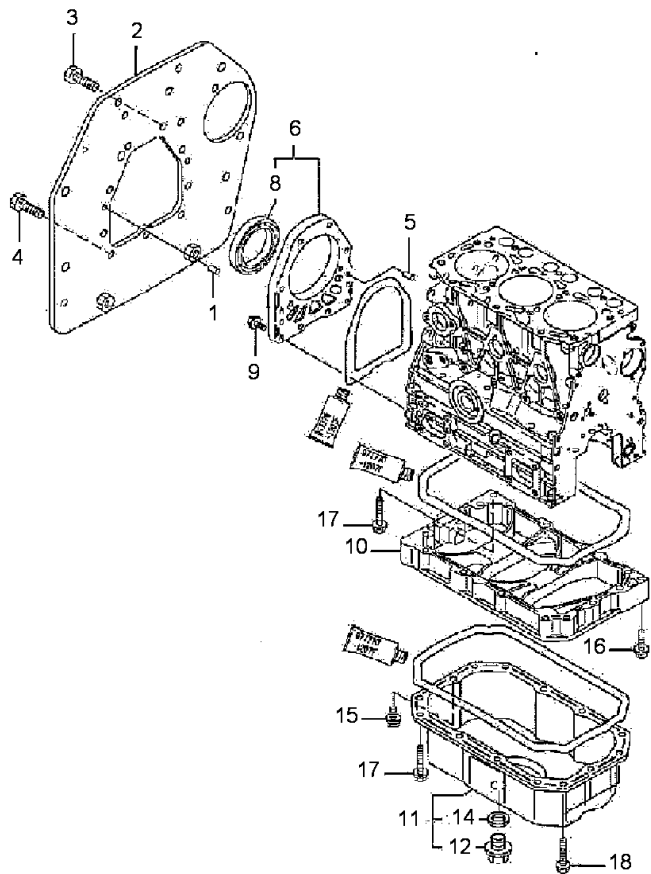
A-05
04



A0504

Lubricating oil pump and delivery housing

RS02\00040233.png



- 1 3653378M1
- 2 4217921M1
- 3 3653872M1
- 4 4217922M1
- 5 4217923M1
- 6 4217924M91
- 8 4217928M1
- 9 4217925M1
- 10 4217926M1
- 11 4217927M91
- 12 3653253M1
- 14 3653811M1
- 15 3653856M1
- 16 3666895M1
- 17 3653863M1
- 18 3653864M1

Inglese

- 2 Dowel
- 1 Flange
- 10 Bolt
- 3 Bolt
- 2 Dowel
- 1 Crankcase
- 1 Seal
- 10 Bolt
- 1 Ring
- 1 Kit
- 1 Plug
- 1 Bush
- 1 Bolt
- 1 Bolt
- 11 Bolt
- 3 Bolt

Engine

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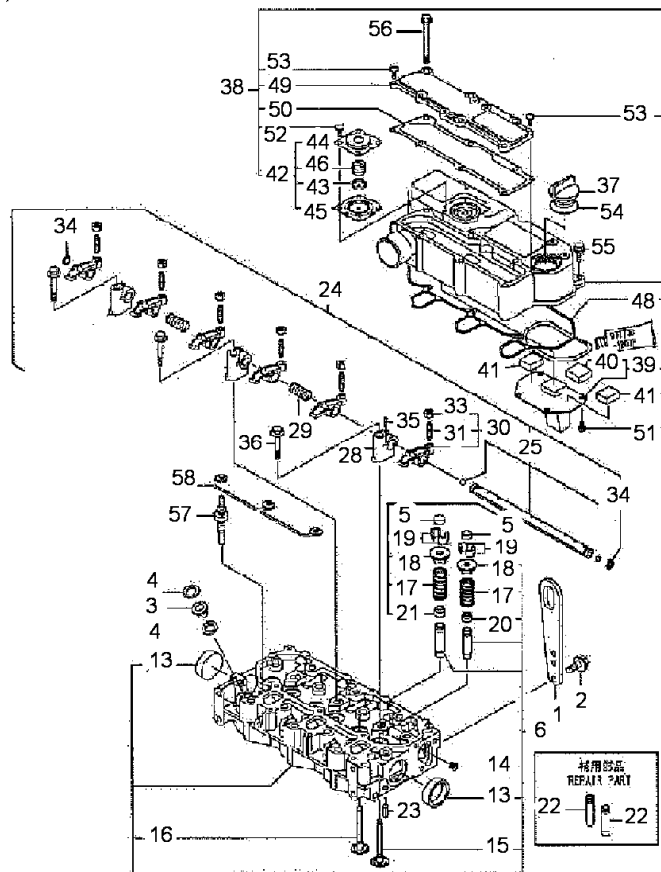
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A-05
05



A0505

Cylinder head-rocker shaft



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

Inglese

- 1 Cam
- 2 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
- 2 Support
- 2 Dowel
- 1 Kit
- 6 Screw
- 6 Nut

Engine

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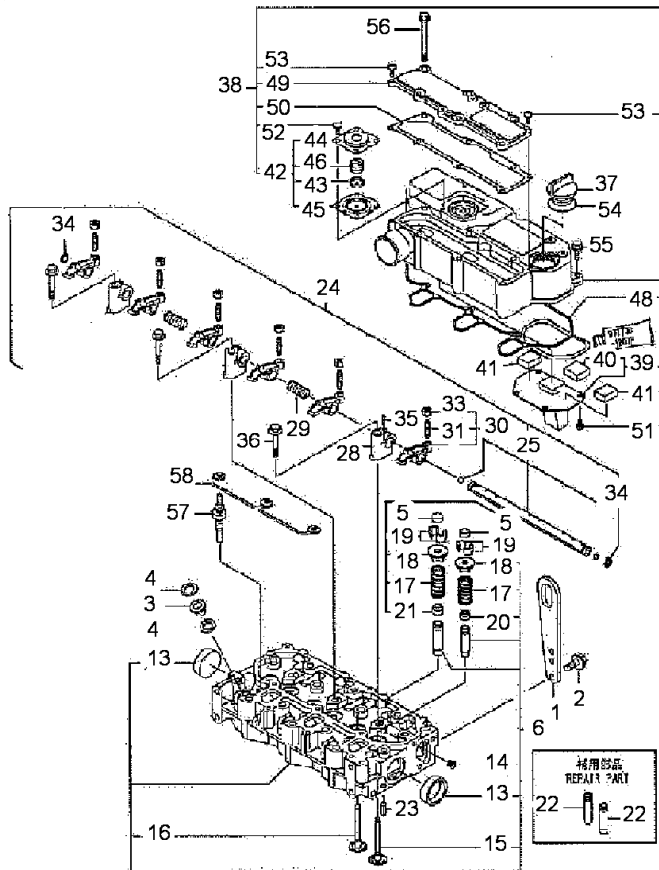
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A-05
05



A0505

Cylinder head-rocker shaft



		Inglese
34	4217942M1	2 Ring
35	4217943M1	1 Bolt
36	3653862M1	3 Bolt
37	3664430M1	1 Plug
38	4217944M91	1 Kit
39	4217945M91	1 Kit
40	4217946M1	1 Plate
41	4217946M1	2 Plate
42	4217947M91	1 Kit
43	3680210M1	1 Plate
44	4215999M1	1 Coperch.
45	4217948M1	1 Spacer
46	4217949M1	1 Gasket
48	4217950M1	1 Coperch.
50	4217969M1	1 Dowel
51	3665010M1	4 Screw
52	3665010M1	4 Screw
53	4217970M1	2 Screw
54	3653835M1	1 O ring
55	3653854M1	3 Bolt
56	4217971M1	6 Bolt
57	4217972M1	3 Spark plug
58	4217976M1	1 Stud
●	Replacement	

Engine

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07

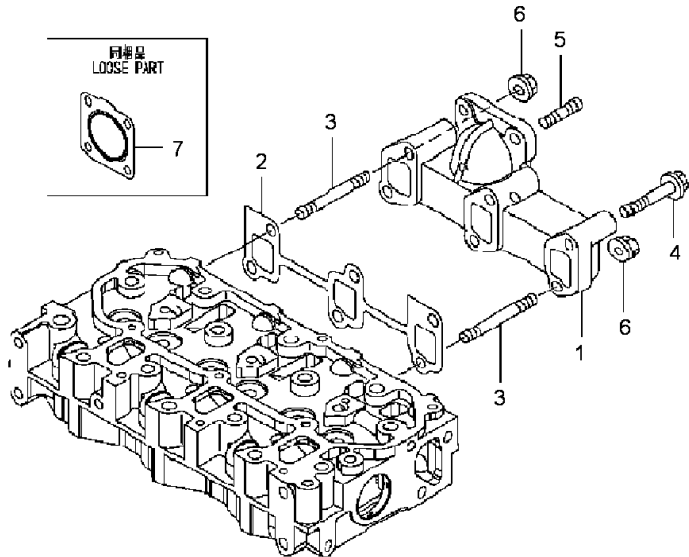


A0507

Exhaust manifold

Inglese

- | | | | | |
|---|-------------|---|---|--------|
| 1 | 4217974M1 | | 1 | Collet |
| 2 | 4217975M1 | | 1 | Gasket |
| 3 | 4217976M1 | | 2 | Stud |
| 4 | 4217977M1 | ● | 4 | Bolt |
| 5 | 3653262M1 | | 4 | Bolt |
| 6 | 3666905M1 | | 2 | Nut |
| 7 | 4217978M1 | | 1 | Gasket |
| ● | Replacement | | | |



Engine

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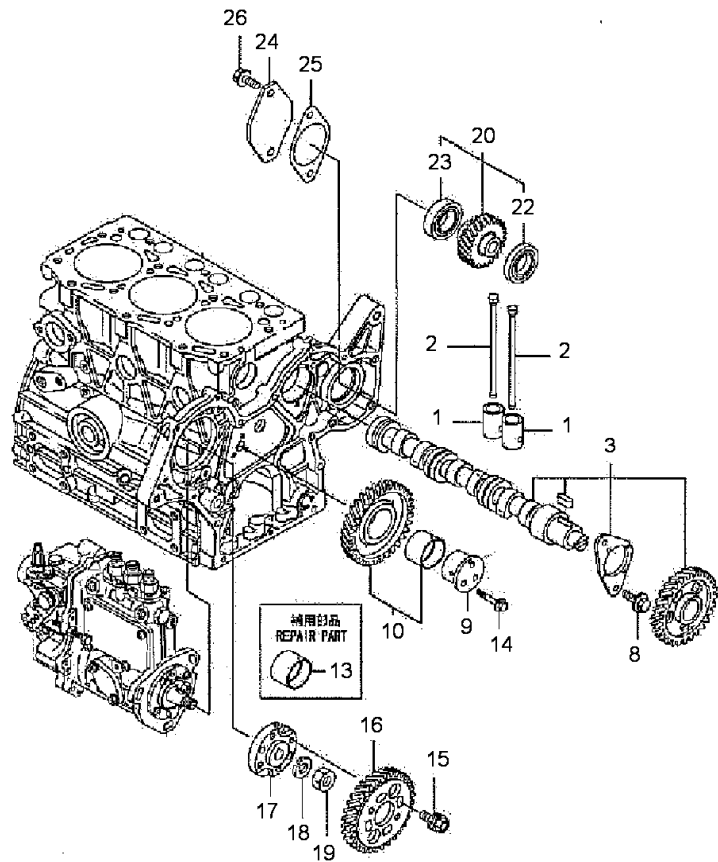
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08



A0508

Timing gear and camshaft



- 1 4217979M1
- 2 4217980M1
- 3 4217981M91
- 8 3679848M1
- 9 4217982M1
- 10 4217983M91
- 13 4217984M1
- 14 3680228M1
- 15 3664454M1
- 16 4217985M1
- 17 4217986M1
- 18 3653814M1
- 19 3653882M1
- 20 4217987M91
- 20 4217988M1
- 22 4217988M1
- 23 4217989M1
- 24 4217990M1
- 25 4217991M1
- 26 3653858M1

Inglese

- 6 Dowel
- 6 Gear
- 1 Shaft
- 2 Bolt
- 1 Shaft
- 1 Gear
- 1 Bush
- 3 Bolt
- 4 Screw
- 1 Gear
- 1 Flange
- 1 Washer
- 1 Nut
- 1 Gear
- 1 Cage
- 1 Cage
- 1 Cuscinet
- 1 Coperch.
- 1 Gasket
- 2 Bolt

Engine

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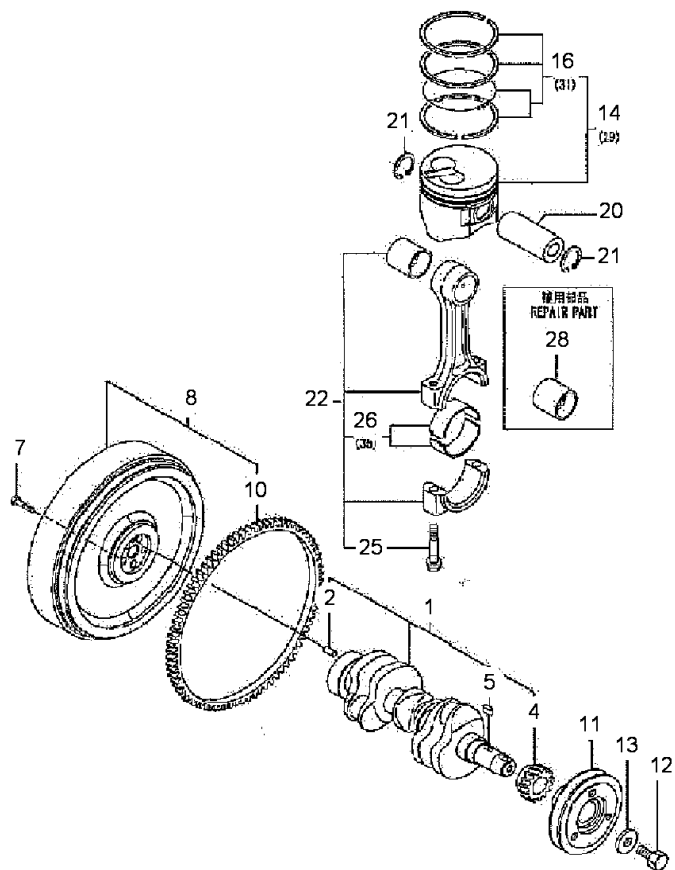
A-05
09



A0509

Crankshaft, pistons and connecting rods

RS02\00040237.png



Inglese

- | | | | |
|----|------------|---|------------|
| 1 | 4217992M91 | 1 | Shaft |
| 2 | 3653378M1 | 1 | Dowel |
| 4 | 4217993M1 | 1 | Gear |
| 5 | 4217994M1 | 1 | Key |
| 7 | 3653301M1 | 5 | Bolt |
| 8 | 4217995M91 | 1 | Flywheel |
| 10 | 3653297M1 | 1 | Crownwheel |
| 11 | 4217996M1 | 1 | Pulley |
| 12 | 4217997M1 | 1 | Washer |
| 13 | 4217998M1 | 1 | Washer |
| 14 | 4217999M91 | 3 | Kit |
| 16 | 4218000M91 | 3 | Kit |
| 20 | 4218001M1 | 3 | Dowel |
| 21 | 4218002M1 | 6 | Ring |
| 22 | 4218003M91 | 3 | Kit |
| 25 | 4218004M1 | 6 | Bolt |
| 26 | 4218005M1 | 3 | Cuscinet |
| 28 | 4218006M1 | 3 | Bush |
| 29 | 4218007M91 | 3 | Kit |
| 31 | 4218008M91 | 3 | Kit |
| 35 | 4218009M1 | 3 | Cuscinet |

Engine

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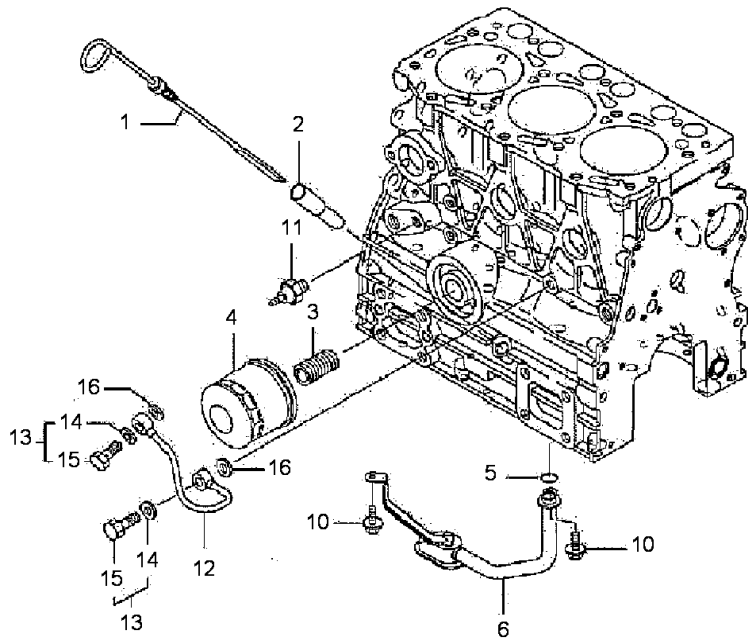
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A0510

Lubricating oil pump and delivery housing-oil filter

RS02\00040238.png



- 1 4218010M1
- 2 4218026M1
- 3 3680225M1
- 4 4218027M1
- 5 4218028M1
- 6 4218029M1
- 10 3653851M1
- 11 3664370M1
- 12 4218030M1
- 13 3678024M1
- 14 3653808M1
- 15 3665013M1
- 16 3653808M1

- 3653306M1(1)
- 4218027M2(1)

Inglese

- Rod
- 1 Guide
- 1 Stud
- 1 Filter
- 1 Ring
- 1 Pipe
- 2 Bolt
- 1 Switch
- 1 Pipe
- 2 Bolt
- 2 Washer
- 2 Bolt
- 2 Washer

● Replacement

Engine

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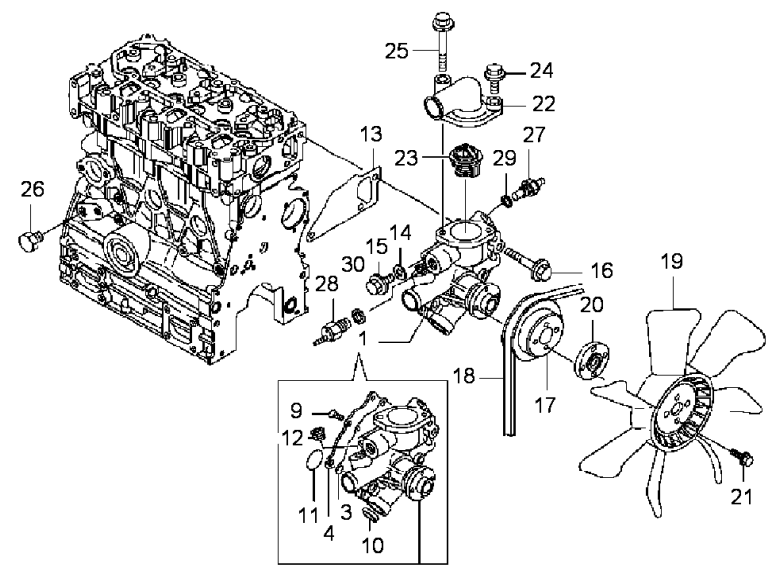
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11



A0511

Water pump, thermostat and heat exchanger



		Inglese
1	4218031M91	1 Kit
3	4218032M1	1 Kit
4	4218033M1	1 Kit
9	4218034M1	4 Bolt
10	4218035M1	1 Plug
11	4218036M1	1 Ring
12	3678297M1	1 Plug
13	4218037M1	1 Gasket
14	3653822M1	1 Gasket
15	3653856M1	1 Bolt
16	3653864M1	3 Bolt
17	4218038M1	1 Pulley
18	4218039M1	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
28	3653302M1	1 Switch,indirect

Engine

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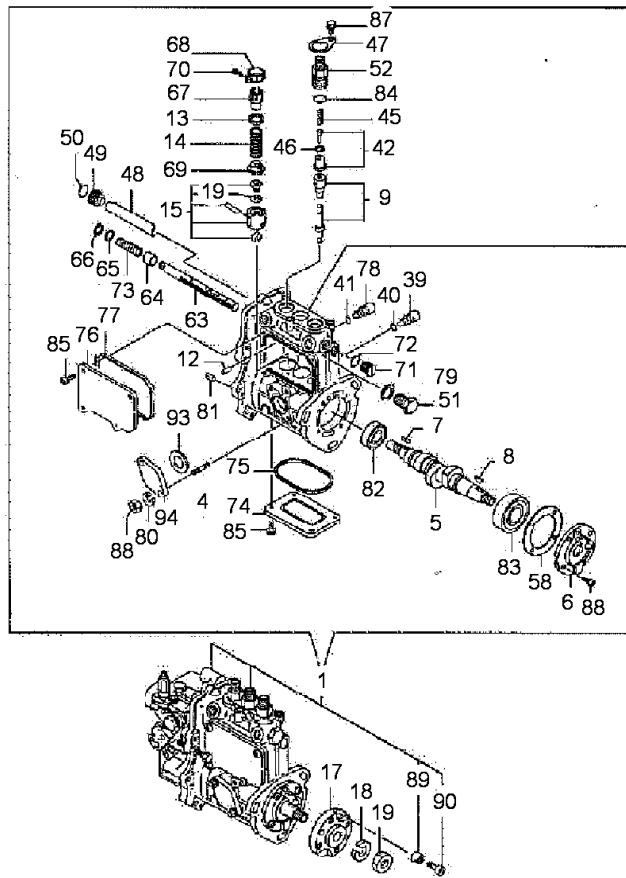
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A0512

Injection pump assy

RS02\00040240.png



- 1 4218043M91
- 4 3653471M1
- 5 4218044M1
- 6 4218045M1
- 7 4218046M1
- 8 3653312M1
- 9 4218047M91
- 12 3653474M1
- 13 4218048M1
- 14 4218049M1
- 15 4218050M91
- 19 3653496M1
- 39 4215971M1
- 40 4216286M1
- 41 4216286M1
- 42 4218051M91
- 45 4218052M1
- 46 3653325M1
- 47 4218053M1
- 48 3653484M1
- 49 4218054M1
- 50 4218055M1
- 51 4218056M1
- 52 4218057M91

- 3653478M1(3)
- 3653478M1(3)

Inglese

- 1 Pump
- 2 Stud
- 1 Shaft
- 1 Support
- 1 Retainer
- 1 Key
- 3 Nozzle
- 3 Pin
- 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
- 3 Valve

Engine

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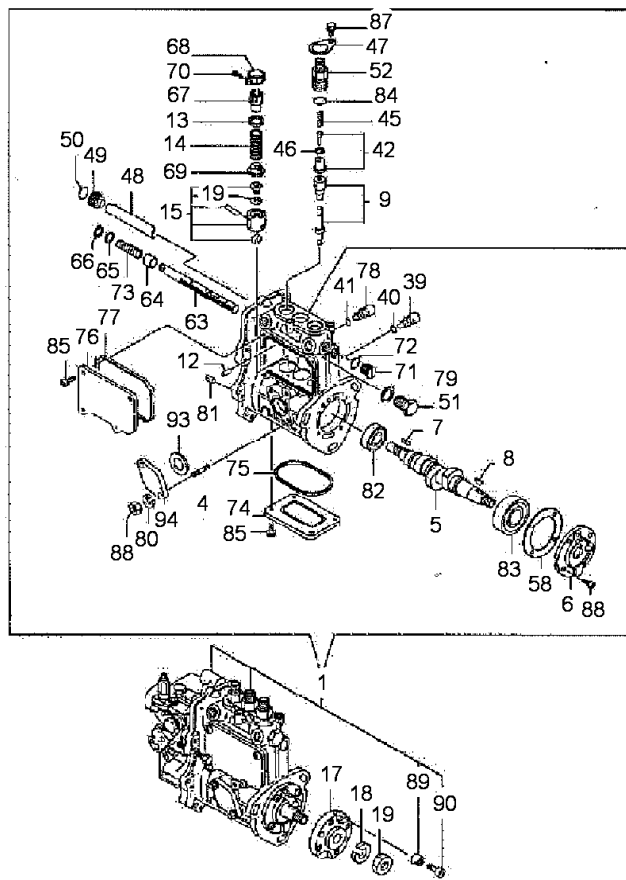
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12



A0512

Injection pump assy

RS02\00040240.png



- 58 3653487M1
- 63 4218058M1
- 64 3653489M1
- 65 3653490M1
- 66 3653491M1
- 67 3653492M1
- 68 4218059M1
- 69 4218060M1
- 70 4218061M1
- 71 4218062M1
- 72 3653494M1
- 73 3653495M1
- 74 3664457M1
- 75 4218063M1
- 76 4218064M1
- 77 4218065M1
- 78 4218066M1
- 79 3653811M1
- 80 3653813M1
- 81 3653817M1
- 82 4218067M1
- 83 3653829M1
- 84 4218068M1
- 85 3007932X1

● 3653311M2(3)

Inglese

- 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
- 1 Bush
- 2 Spring
- 1 Dowel
- 1 Cuscinet
- 1 Cuscinet
- 3 Ring
- 8 Screw

Engine

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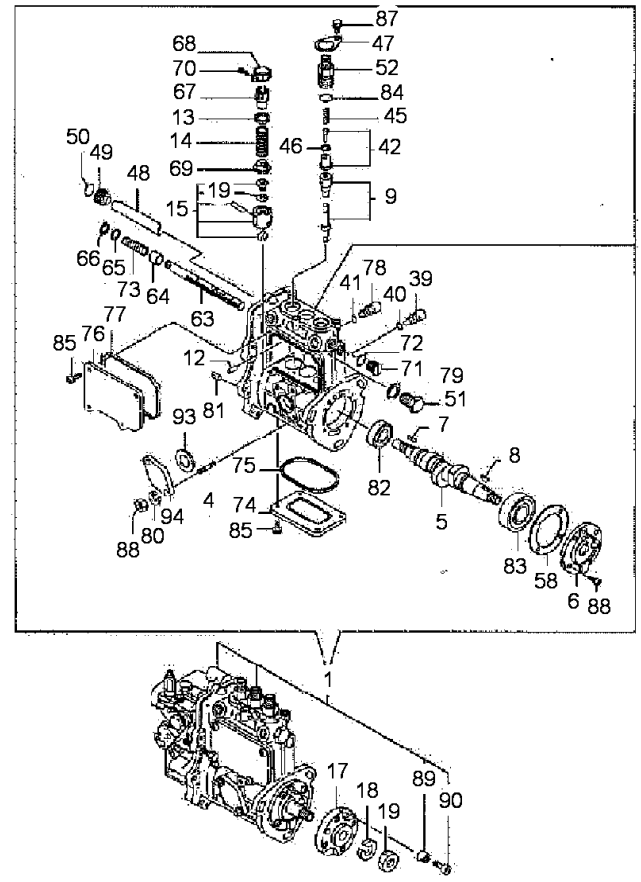
Injection pump assy

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A0512

RS02\00040240.png



- | | | | |
|----|-------------|---|--------------|
| 86 | 3653850M1 | | Inglese |
| 87 | 4218069M1 | | 4 Screw |
| 88 | 3653881M1 | | 3 Screw |
| 89 | 4218070M1 | | 2 Nut |
| 90 | 4218071M1 | | 1 Bush |
| 93 | 4218072M1 | ● | 1 Bolt |
| 94 | 4218074M1 | | 1 Gasket |
| | | | Coperch. |
| ● | Replacement | ● | 3685384M1(1) |

Engine

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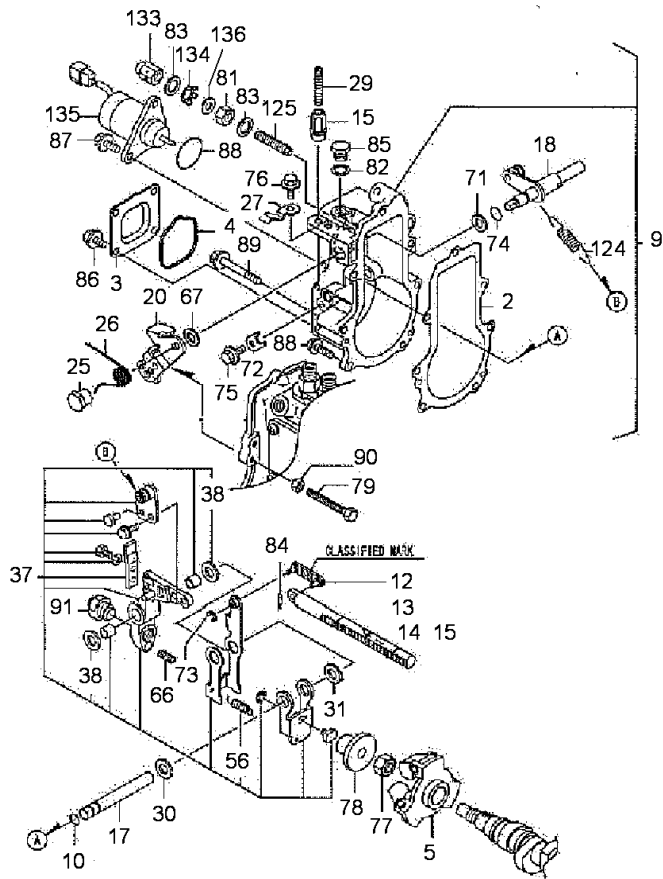
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A0513

Fuel cut off

RS02\00040241.png



- 2 4218077M1
- 3 4218078M1
- 4 4218079M1
- 5 4218080M1
- 9 4218081M1
- 10 4216286M1
- 12 4218082M1
- 13 4218083M1
- 14 4218084M1
- 15 4218088M1
- 16 4218086M1
- 17 3653375M1
- 18 4218087M91
- 25 4216101M1
- 26 4218088M1
- 27 4218089M1
- 28 4218090M1
- 29 3653724M1
- 30 4218091M1
- 31 3653727M1
- 37 4218092M91
- 38 3653805M1
- 56 3664550M1
- 66 3653398M1

● 3653478M1(1)

Inglese

- 1 Gasket
- 1 Coperch.
- 1 Gasket
- 1 Adjuster
- 1 Crankcase
- 1 Ring
- 1 Union
- 1 Union
- 1 Union
- 1 Lever
- 1 Nut
- 1 Shaft
- 1 Shaft
- 1 Plug
- 1 Lever
- 1 Lever
- 1 Lever
- 1 Bolt
- 1 Washer
- 1 Spacer
- 1 Kit
- 2 Shim
- 1 Spring
- 1 Spring

Engine

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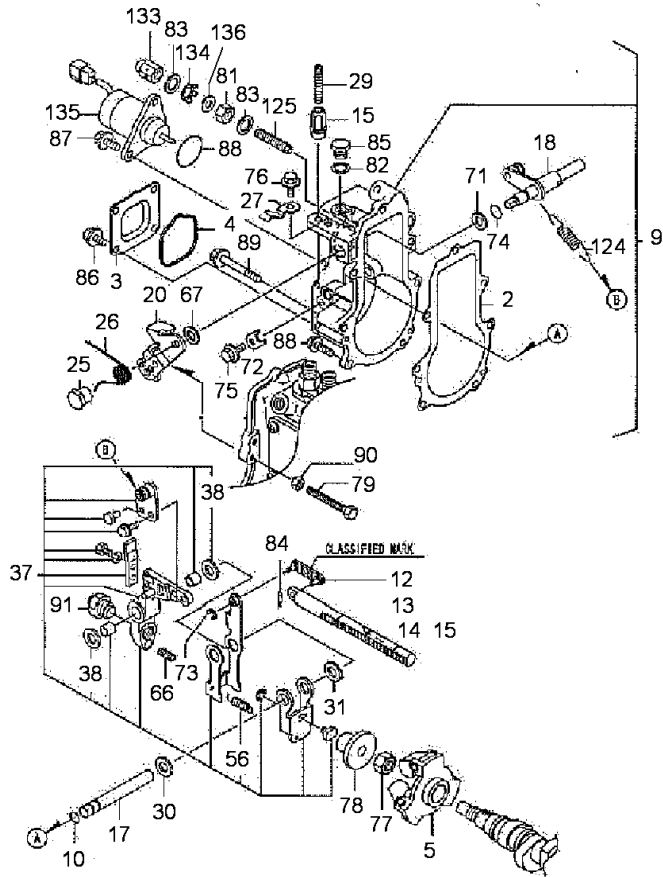
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A0513

Fuel cut off



		Inglese
67	4218093M1	1 Shim
71	4218094M1	1 Shim
72	3653269M1	1 Clip
73	4218095M1	1 Ring
74	4218096M1	1 Ring
75	3653851M1	1 Bolt
76	3653851M1	1 Bolt
77	4218097M1	1 Nut
78	3653509M1	1 Manicott
79	4216287M1	1 Bolt
80	4216105M1	1 Ring
81	4218100M1	1 Nut
82	3653809M1	1 Washer
83	3653810M1	2 Washer
84	3653819M1	1 Linch pin
85	3653828M1	1 Plug
86	3653851M1	4 Bolt
87	3653852M1	2 Screw
88	3653854M1	4 Bolt
89	4218102M1	3 Bolt
90	3653883M1	1 Nut
91	4218103M1	1 Bolt
124	4218105M1	1 Spring
125	4218106M1	1 Bolt



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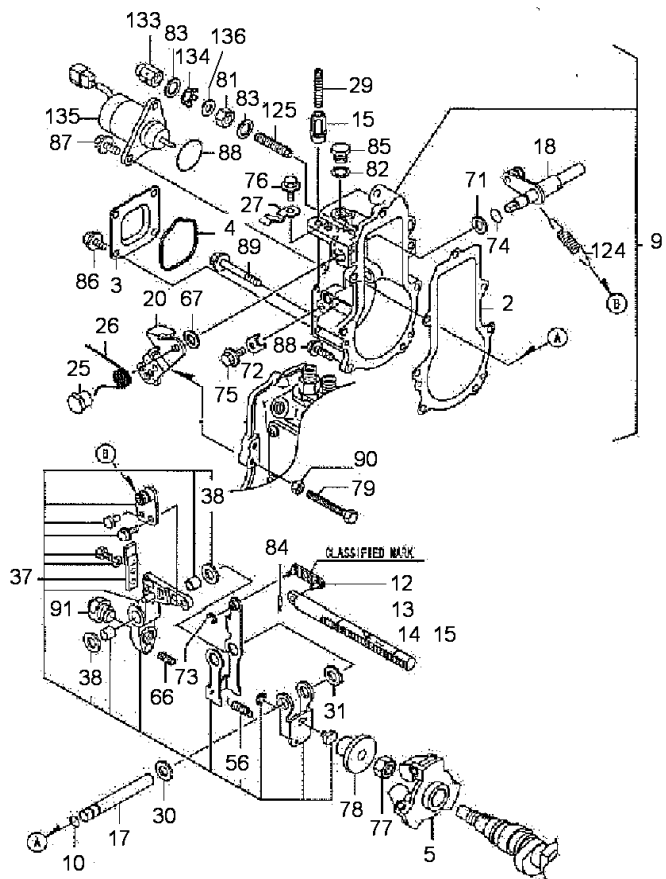
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A0513

Fuel cut off

RS02\00040241.png



133 4218107M1

134 4218108M1

135 3653268M1

136 4218109M1

● Replacement

Inglese

1 Cap

1 Plate

1 Solenoid

1 Gasket

Engine

4600 (2012-) - RS02 - 4630 ISM-ARM

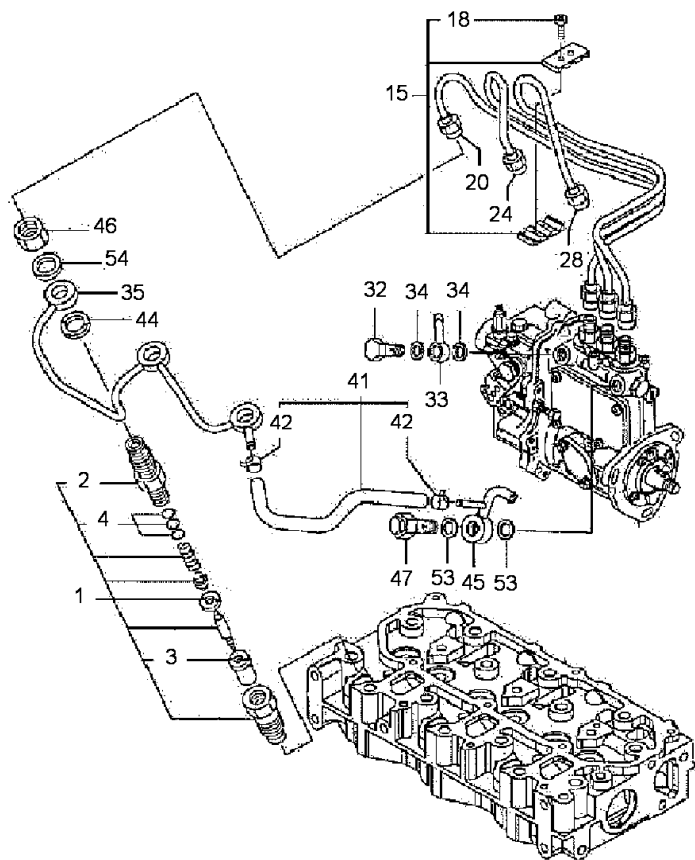
**A-05
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A0514

Fuel injection equipment

RS02\00040242.png



- | | | |
|----|------------|----------------|
| 1 | 4218110M91 | |
| 2 | 4218111M1 | |
| 3 | 4218112M1 | |
| 4 | 4218113M91 | |
| 15 | 3653464M1 | |
| 18 | 3653465M1 | |
| 20 | 4218114M91 | |
| 24 | 4218115M91 | |
| 28 | 4218116M91 | |
| 32 | 3653249M1 | |
| 33 | 3653248M1 | |
| 34 | 3653801M1 | |
| 35 | 4218118M91 | |
| 41 | 4218119M1 | |
| 42 | 3653313M1 | |
| 44 | 4218120M1 | |
| 45 | 4218122M1 | |
| 46 | 4218123M1 | |
| 47 | 4218124M91 | ● 3653395M2(1) |
| 53 | 3653810M1 | |
| 54 | 3653810M1 | |
- Replacement

Inglese

- | | |
|---|--------|
| 3 | Kit |
| | Screw |
| 3 | Body |
| 3 | Kit |
| 1 | Clip |
| 2 | Bolt |
| 1 | Kit |
| 1 | Kit |
| 1 | Bolt |
| 1 | Union |
| 2 | Spacer |
| 1 | Pipe |
| 1 | Pipe |
| 2 | Clamp |
| 3 | Gasket |
| 1 | Union |
| 3 | Washer |
| 1 | Kit |
| 2 | Washer |
| 3 | Washer |

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