

Engine

6600 ARM (2011-2013) - RS42 - 6660 ARM

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A-05
01



A0501

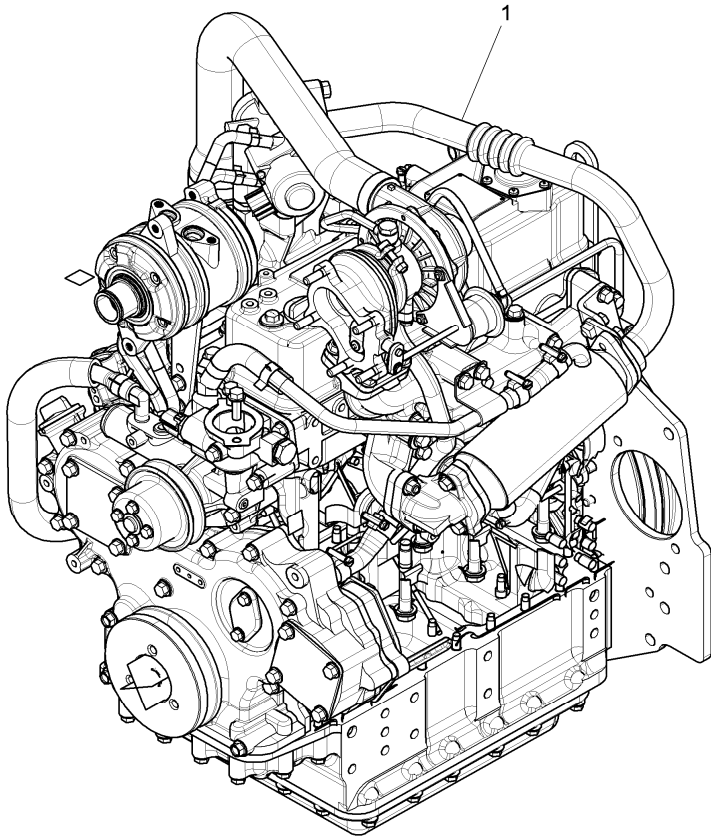
Engine assembly

Inglese

1 4214898M91

Yanmar 4tnv84t

1 Engine



Engine

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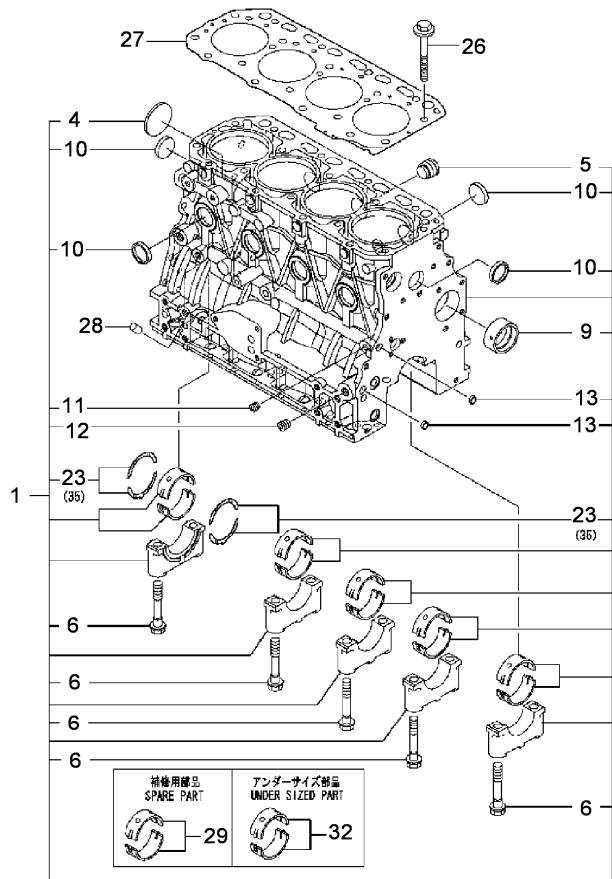
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A-05
02



A0502

Cylinder block



				Inglese
1	4218308M91			1 Block
4	3664445M1	!	1	1 Plug
5	3653796M1	!	1	1 Plug
6	3653429M1	!	1	10 Bolt
9	4215962M1	!	1	1 Bush
10	3653889M1	!	1	8 Plug
		●	3653889M2(8)	
11	3678007M1	!	1	1 Plug
12	3653316M1	!	1	2 Plug
13	3653888M1	!	1	2 Plug
23	4215968M1	!	1	2 Clamp
26	3653428M1			18 Stud
27	3693927M1			1 Gasket
28	3677943M1			1 Plug
29	4215967M1			5 Kit
32	3653431M2			5 Ring
35	4215970M1			1 Clamp
		!	This is a component of an assembly	
		●	Replacement	

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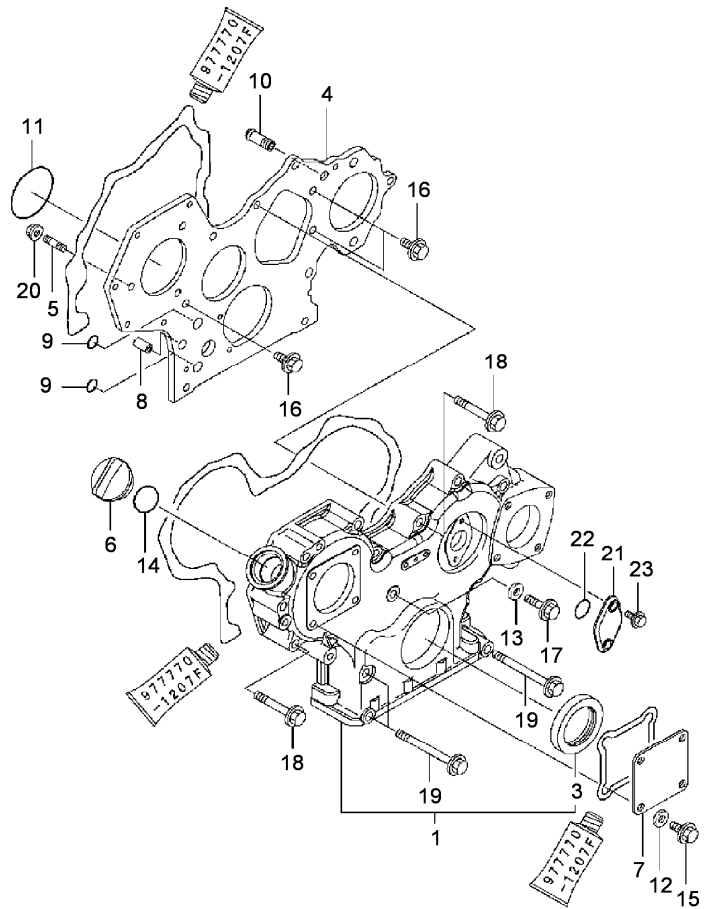
A-05
03



A0503

Distribution cover

RS42\00040757.png



- 1 4218314M91
- 3 4216143M1 ! 1
- 4 4218164M1
- 5 4215973M1
- 6 3653315M1
- 7 3653320M1
- 8 3653789M1
- 9 3677944M1
- 10 4218170M1
- 11 3653310M1
- 12 3653808M1
- 13 3653808M1
- 14 3653835M1
- 15 3653858M1
- 16 3653858M1
- 17 3666895M1
- 18 3653865M1
- 19 3679984M1
- 20 3666905M1
- 21 4215980M1
- 22 3653841M1
- 23 3653853M1

! This is a component of an assembly

Inglese

- 1 Crankcase
- 1 Seal
- 1 Flange
- 3 Bolt
- 1 Plug
- 1 Coperch.
- 2 Bush
- 2 Ring
- 1 Connection
- 1 Ring
- 4 Washer
- 1 Washer
- 1 Ring
- 4 Bolt
- 3 Bolt
- 1 Bolt
- 11 Bolt
- 3 Bolt
- 3 Nut
- 1 Coperch.
- 1 Ring
- 2 Bolt

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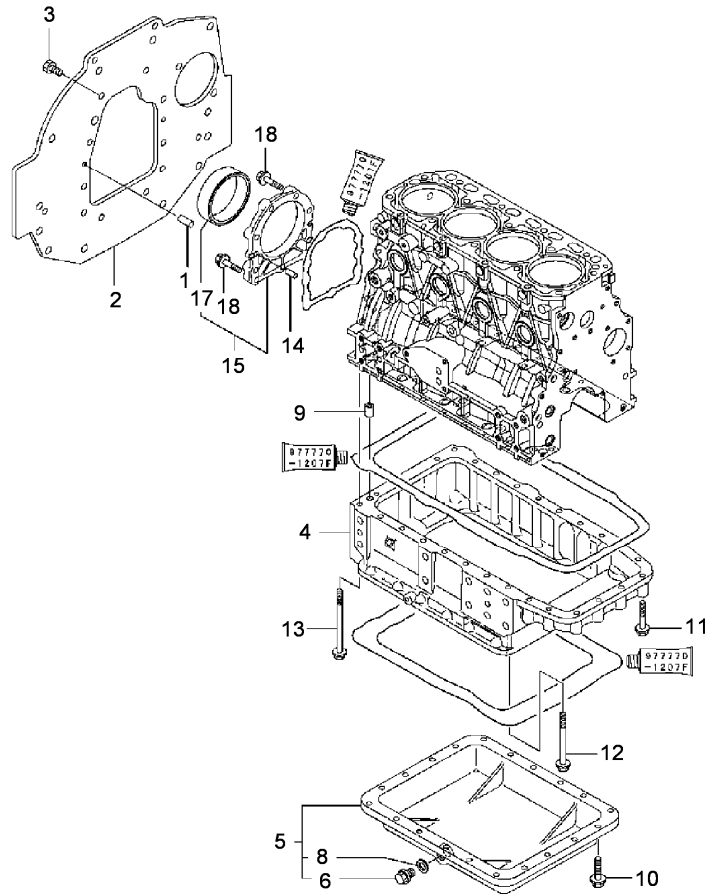
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A-05
04



A0504

Lubricating oil pump and delivery housing



- 1 3653378M1
- 2 4221984M1
- 3 3653872M1
- 4 3685498M1
- 5 3685499M1
- 6 3653253M1 ! 5
- 8 3653811M1 ! 5
- 9 3686501M1
- 10 3653860M1
- 11 3653864M1
- 12 6510372M1
- 13 6510373M1
- 14 3653378M1
- 15 3653379M1 ● 4206673M1(1)
- 17 3653787M1 ! 15
- 3653787M2(1)
- 18 3653772M1
- ! This is a component of an assembly
- Replacement

Inglese

- 2 Dowel
- 1 Flange
- 10 Bolt
- 1 Spacer
- 1 Pan
- 1 Plug
- 1 Bush
- 1 Pipe
- 20 Bolt
- 8 Bolt
- 14 Screw
- 4 Screw
- 2 Dowel
- 1 Housing
- 1 Seal
- 9 Bolt

Engine

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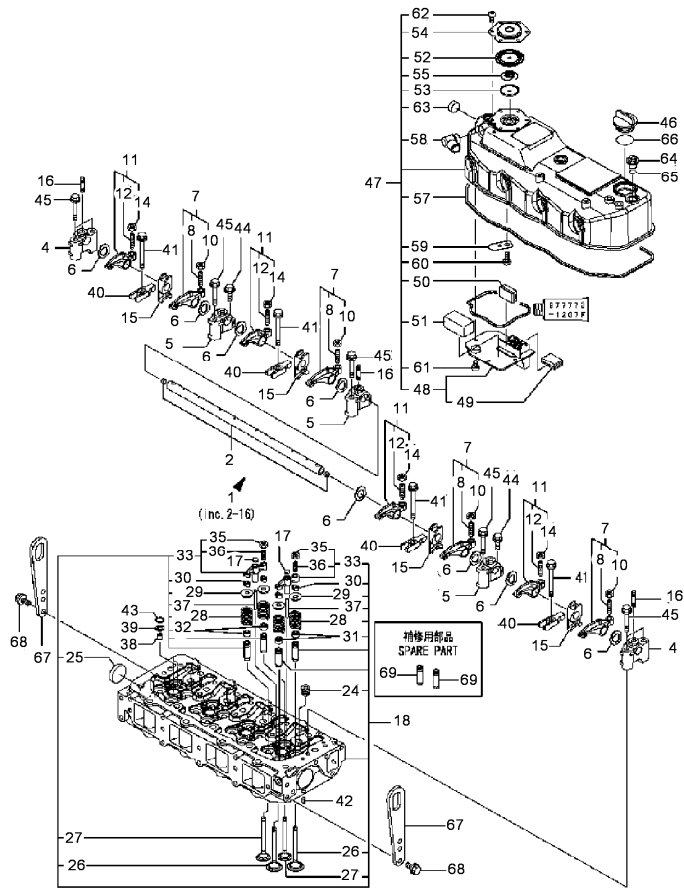
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A-05
05



A0505

Cylinder head-rocker shaft



			Inglese
1	3678242M1		1 Shaft
2	3678243M1	! 1	1 Shaft
4	3678244M1	! 1	2 Support
5	3678245M1	! 1	3 Support
6	3678246M1	! 1	8 Washer
7	3678249M1	! 1	4 Arm
8	3653439M1	! 7	1 Screw
10	3653444M1	! 7	1 Nut
11	3678249M1	! 1	4 Arm
12	3653439M1	! 11	1 Screw
14	3653444M1	! 11	1 Nut
15	3678258M1	! 1	4 Union
16	3678314M1	! 1	3 Stud
17	3679659M1		8 Washer
18	4218217M91		1 Cylinder head
24	3678308M1	! 18	4 Plug
25	3653890M1	! 18	2 Plug
26	3685204M1	! 18	8 Valve
27	3678049M1	! 18	8 Valve
28	3678239M1	! 18	16 Spring
29	3678241M1	! 18	16 Clip
30	3677965M1	! 18	32 Dowel
31	3677966M1	! 18	8 Ring
32	3677968M1	! 18	8 Ring

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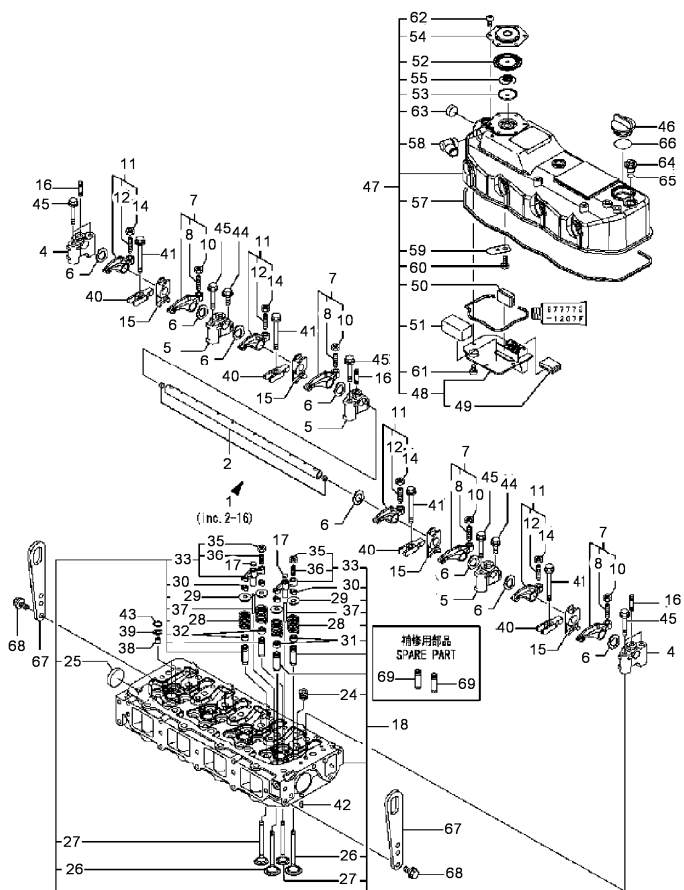
A-05
05



A0505

Cylinder head-rocker shaft

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			Inglese	
33	4218271M91	!	18	8 Kit
35	3653444M1	!	33	1 Nut
36	3678003M1	!	33	1 Screw
37	3678255M1	!	18	8 Guide
38	3677971M1			4 Guard
39	3653266M1			4 Washer
40	3678257M1			4 Clip
41	3678296M1			4 Bolt
42	3653818M1			2 Pin
43	3653831M1			4 Ring
44	3653860M1			3 Bolt
45	3653864M1			7 Bolt
46	3653315M1			1 Plug
47	4218233M91			1 Coperch.
48	3678047M1	!	47	1 Disc
49	3677970M1	!	48	1 Card
50	3653435M1	!	47	1 Guard
51	3679685M1	!	47	1 Spacer
52	3679686M1	!	47	1 Diaphragm
53	3679687M1	!	47	1 Plate
54	3679688M1	!	47	1 Plate
55	3679689M1	!	47	1 Spring
57	3678247M1	!	47	1 Gasket
58	3664374M1	!	47	1 Universal joint

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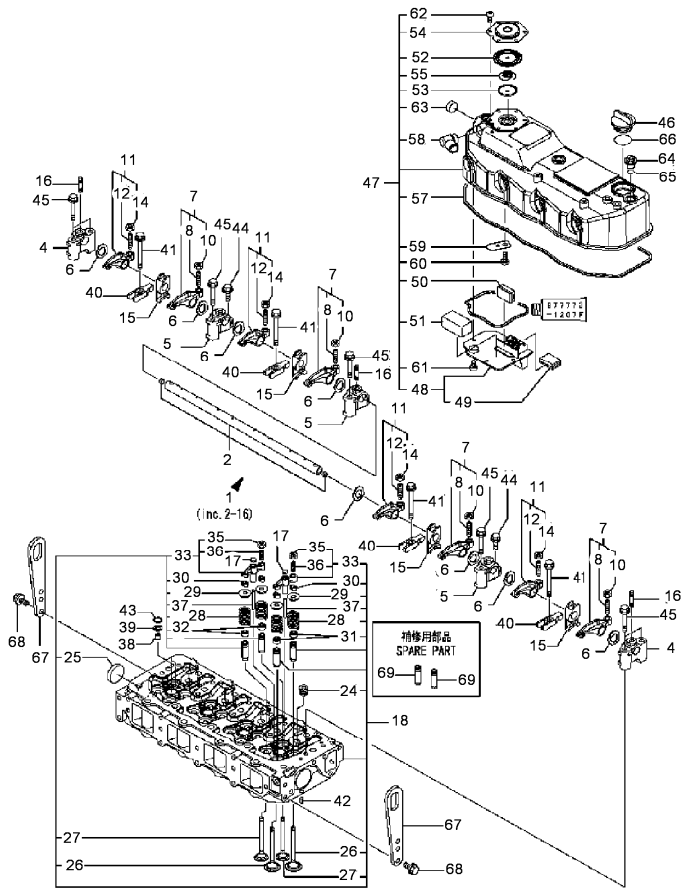
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05



A0505

Cylinder head-rocker shaft



- 59 4218165M1 ! 47
- 60 3665010M1 ! 47
- 61 3665010M1 ! 47
- 62 3665010M1 ! 47
- 63 4218307M1 ! 47
- 64 3653317M1
- 65 3653831M1
- 66 3653835M1
- 67 3664580M1
- 68 3653858M1
- 69 3677967M1

Inglese

- 1 Spring
- 1 Screw
- 4 Screw
- 6 Screw
- 1 Plug
- 3 Plug
- 3 Ring
- 1 Ring
- 2 Cam
- 4 Bolt
- 16 Guide

! This is a component of an assembly

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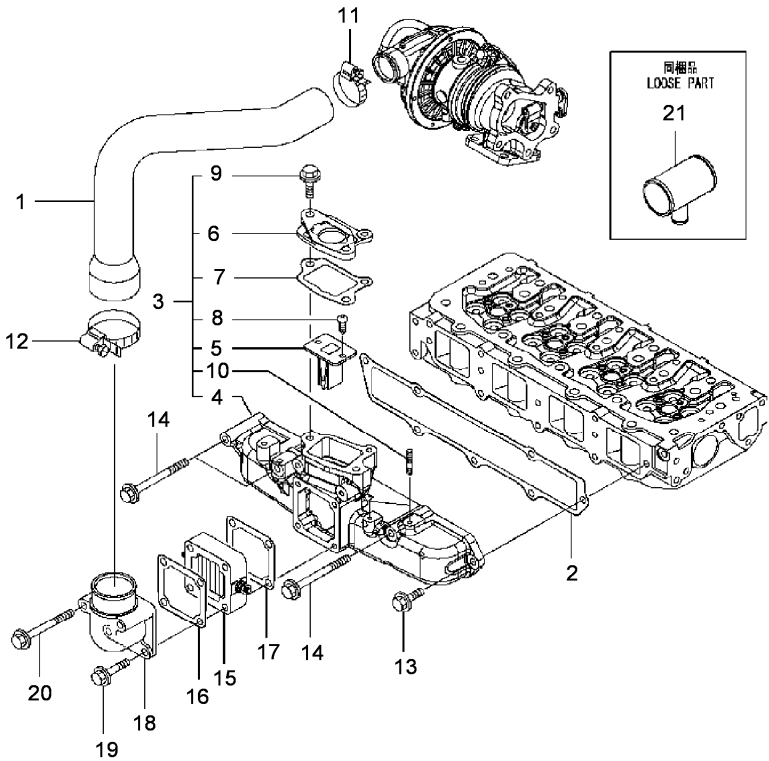
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06



A0506

Induction manifold



		Inglese		
1	4218234M1	1	Pipe	
2	3678259M1	1	Gasket	
3	4218236M91	1	Kit	
4	4218235M1	!	3	1 Body
5	4218219M1	!	3	1 Valve
6	4218220M1	!	3	1 Shim
7	4218228M1	!	3	1 Gasket
8	4217970M1	!	3	2 Screw
9	3653859M1	!	3	1 Bolt
10	4218306M1	!	3	2 Screw
11	4217701M1			1 Clamp
12	4218302M1			1 Clamp
13	3653859M1			4 Bolt
14	4217703M1			3 Bolt
15	4218166M91			1 Heater
16	4218167M1			1 Gasket
17	3653467M1			1 Gasket
18	4218275M1			1 Elbow
19	3653862M1			2 Bolt
20	3653868M1			2 Bolt
21	4218216M1			1 Pipe
!	This is a component of an assembly			

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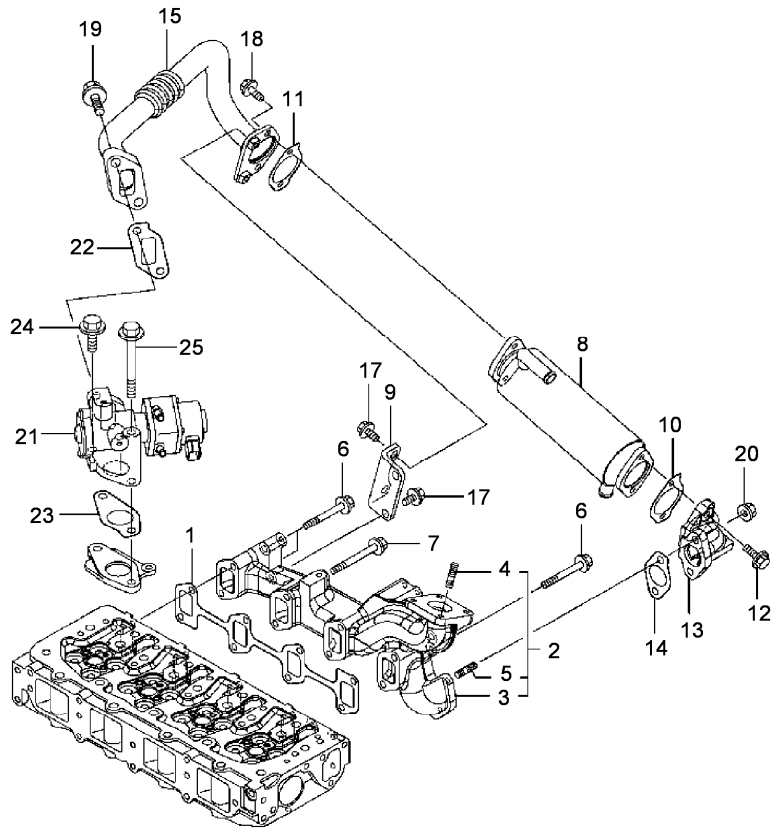
A-05
07



A0507

Exhaust manifold

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		Inglese
1	3678292M1	1 Gasket
2	4218238M91	1 Manifold
3	4218237M1	1 Body
4	3693926M1	4 Stud
5	3693926M1	2 Stud
6	3677972M1	3 Bolt
7	4218021M1	5 Bolt
8	4218218M1	1 Manifold
9	4218239M1	1 Stirrup
10	4217664M1	1 Gasket
11	4217664M1	1 Gasket
12	4217642M1	2 Bolt
13	4218273M1	1 Pipe
14	4216471M1	1 Gasket
15	4218240M1	1 Pipe
17	3653858M1	4 Bolt
18	3653859M1	2 Bolt
19	4216619M1	2 Screw
20	3666905M1	2 Nut
21	4216620M1	1 Valve
22	4216621M1	1 Gasket
23	4216622M1	1 Gasket
24	4217705M1	1 Bolt
25	4217706M1	1 Bolt


! This is a component of an assembly

Engine

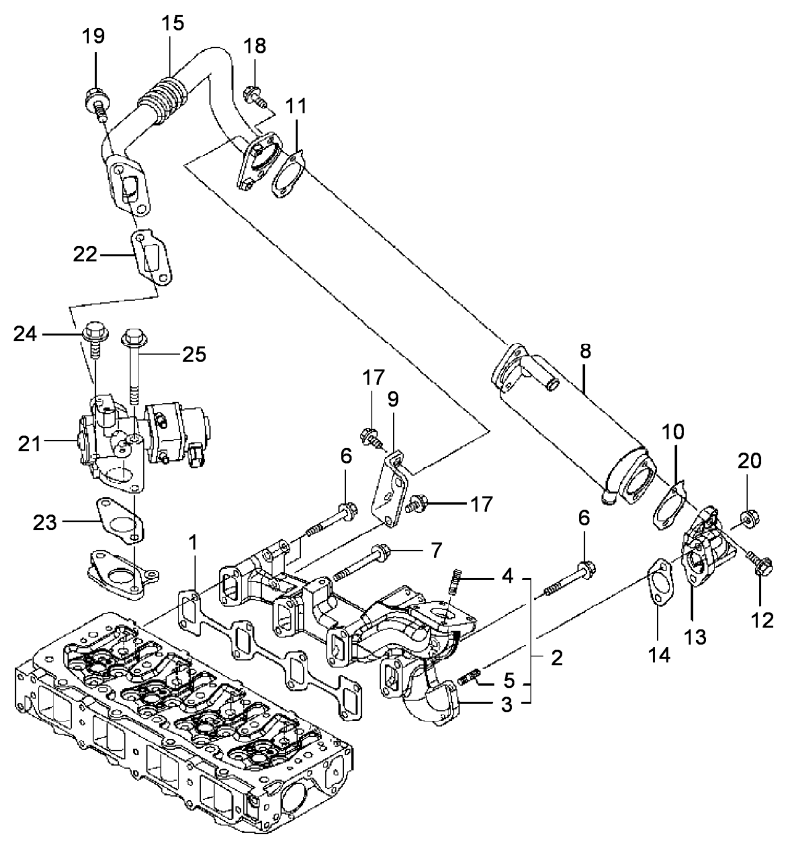
**A-05
07**

Exhaust manifold

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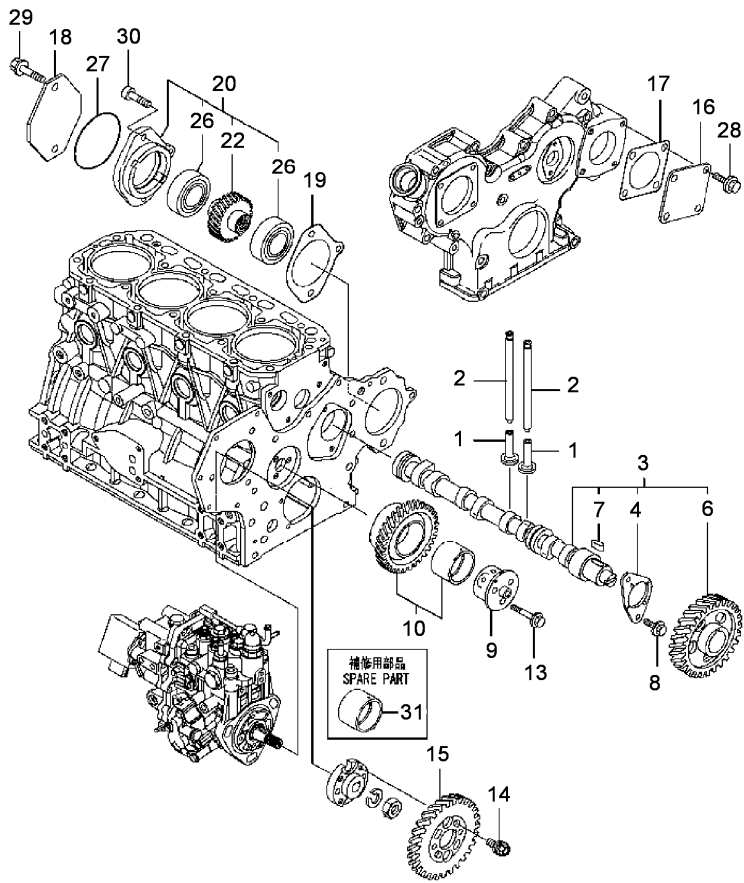
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08



A0508

Timing gear and camshaft



- 1 3653447M1
- 2 3653448M1
- 3 3678261M1
- 4 3653430M1 ! 3
- 6 3653446M1 ! 3
- 7 3653820M1 ! 3
- 8 3653857M1
- 9 4218161M1
- 10 3677978M1
- 13 3653862M1
- 14 3664454M1
- 15 3677978M1
- 16 3653320M1
- 17 3653321M1
- 18 6510374M1
- 19 3653800M1
- 20 3653363M1
- 22 3653364M1 ! 20
- 26 3653830M1 ! 20
- 27 3653839M1
- 28 3653858M1
- 29 3653869M1
- 30 3653879M1
- 31 4216018M1

Inglese

- 8 Tappet
- 8 Rod
- 1 Shaft
- 1 Plate
- 1 Gear
- 1 Key
- 2 Bolt
- 1 Shaft
- 1 Gear
- 3 Bolt
- 4 Screw
- 1 Gear
- 1 Coperch.
- 1 Gasket
- 1 Coperch.
- 1 Gasket
- 1 Kit
- 1 Gear
- 2 Bearing
- 1 Ring
- 4 Bolt
- 2 Bolt
- 1 Bolt
- 1 Bush

! This is a component of an assembly

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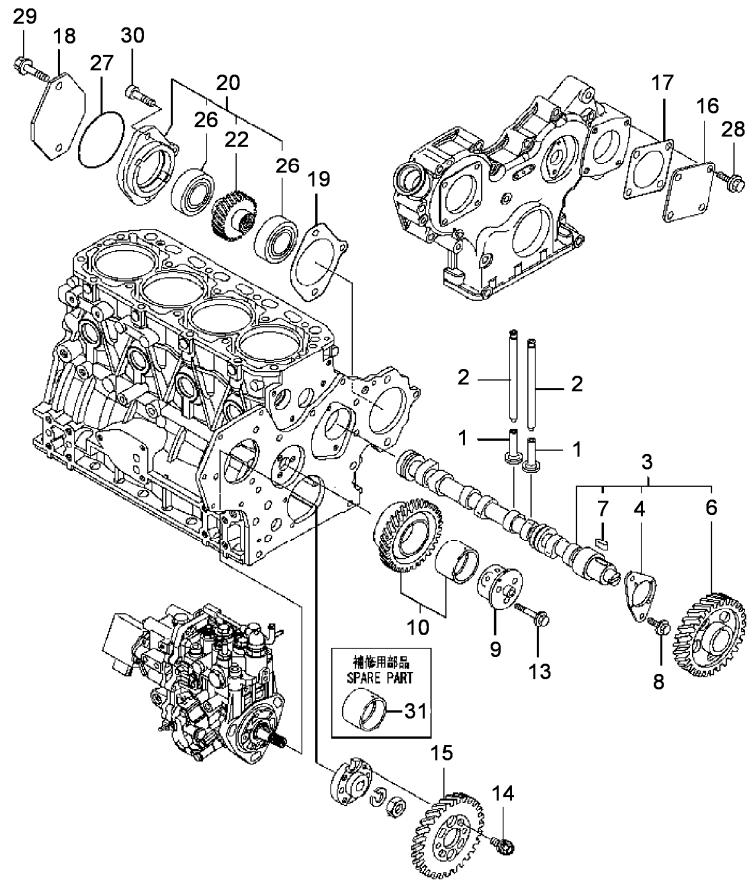
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08



A0508

Timing gear and camshaft

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09



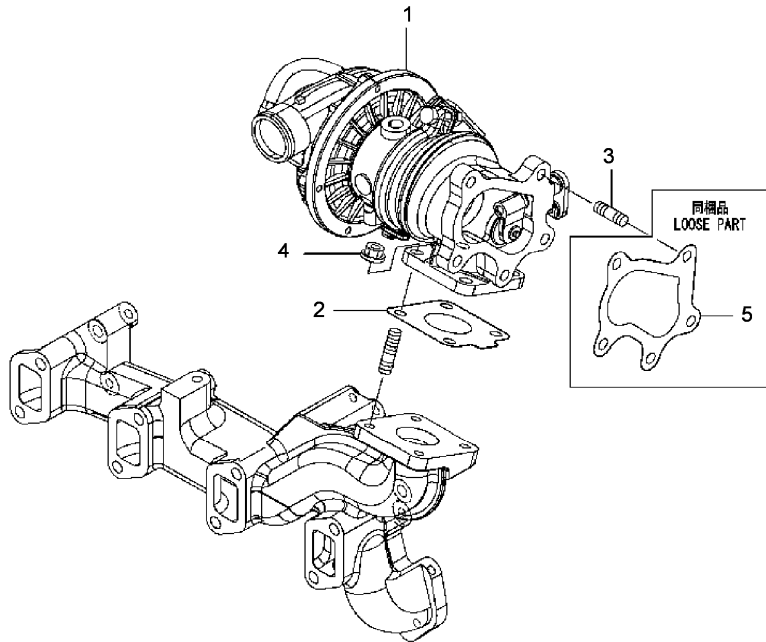
A0509

Turbocharger

- 1 3678262M1
- 2 3678263M1
- 3 3693926M1
- 4 3666905M1
- 4 3678264M1

Inglese

- 1 Turbine
- 1 Gasket
- 5 Stud
- 4 Nut
- 1 Gasket



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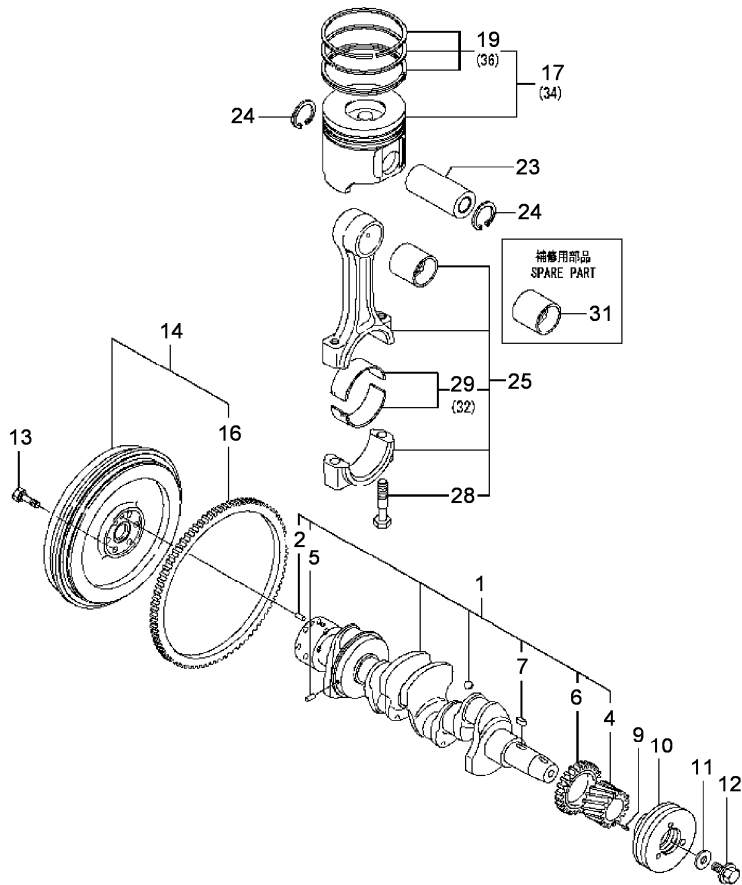
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A0510

Crankshaft, pistons and connecting rods



			Inglese
1	4218241M91		1 Shaft
2	3653378M1	! 1	1 Dowel
4	4218160M1	! 1	1 Gear
5	3653308M1	! 1	1 Dowel
6	3664468M1	! 1	1 Gear
7	3653820M1	! 1	1 Key
9	3678301M1		1 Spring
10	6510375M1		1 Pulley
11	3653794M1		1 Washer
12	3653309M1		1 Bolt
13	3653301M1		6 Bolt
14	3653762M1		1 Flywheel
16	3653297M1	! 14	1 Crownwheel
17	4218229M91		4 Piston
19	4218230M91	! 17	1 Kit
23	3653731M1		4 Cotter
24	3653815M1		8 Clip
25	3653897M1		4 Conrod
28	3653307M1	! 25	2 Bolt
29	4216034M1	! 25	1 Thimble
31	3653383M1		4 Bearing
32	4216035M1		4 Thimble
34	6510379M1		1 Piston
36	6510380M1	! 34	1 Shackle
!	This is a component of an assembly		

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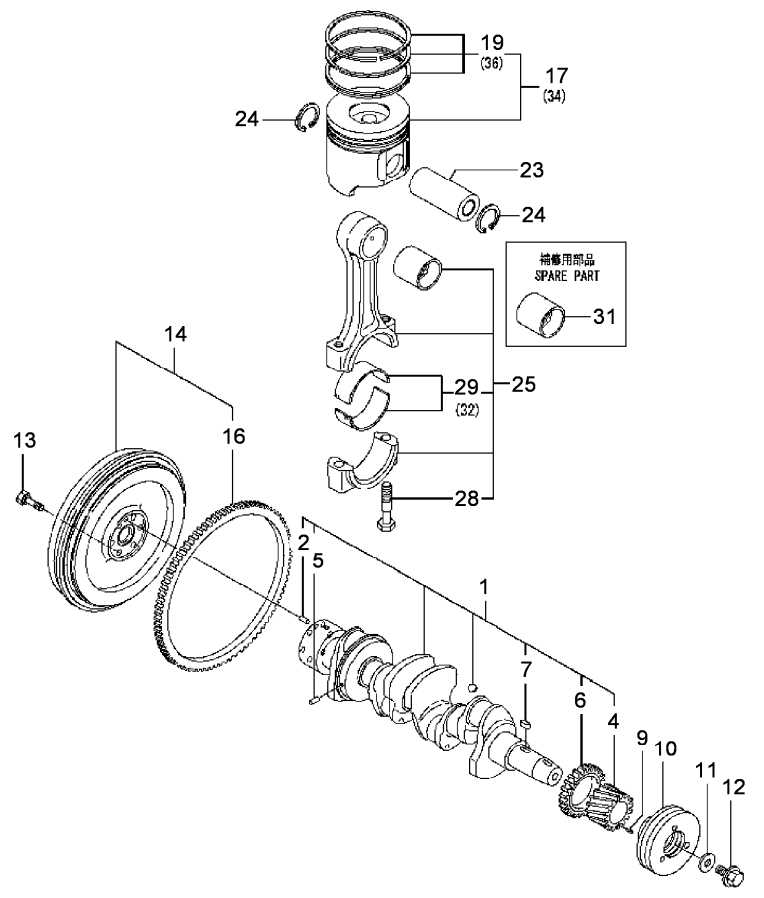
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A0510

Crankshaft, pistons and connecting rods

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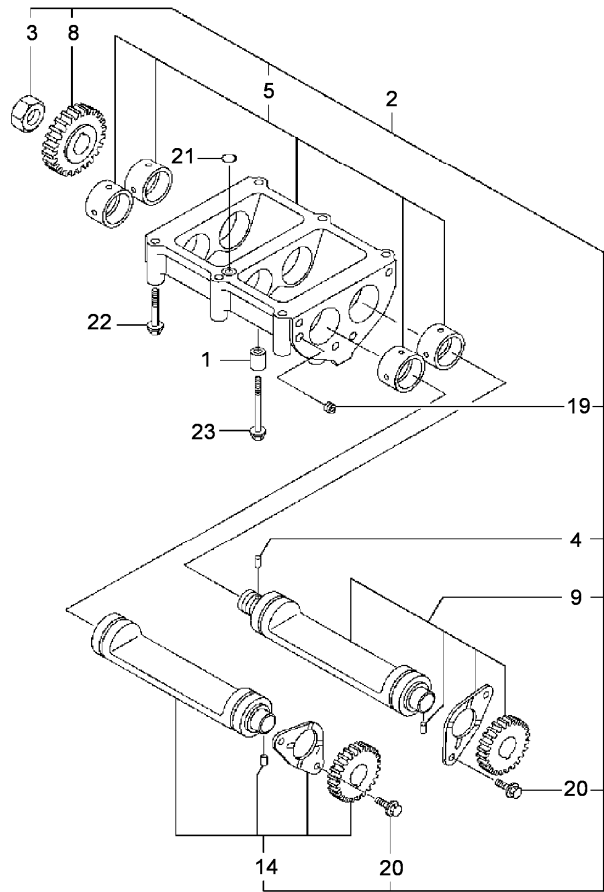
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A0511

Balancer unit

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- 1 3653790M1
- 2 3653764M1
- 3 3653334M1 ! 2
- 4 3653308M1 ! 2
- 5 3664476M1 ! 2
- 8 3653739M1 ! 2
- 9 3653905M1 ! 2
- 14 3653906M1 ! 2
- 19 3653827M1 ! 2
- 20 3653857M1 ! 2
- 21 3653832M1
- 22 3653866M1
- 23 3653868M1

Inglese

- 2 Bush
- 1 Weight
- 1 Nut
- 1 Dowel
- 1 Housing
- 1 Gear
- 1 Kit
- 1 Kit
- 1 Plug
- 4 Bolt
- 1 Ring
- 4 Bolt
- 2 Bolt

! This is a component of an assembly

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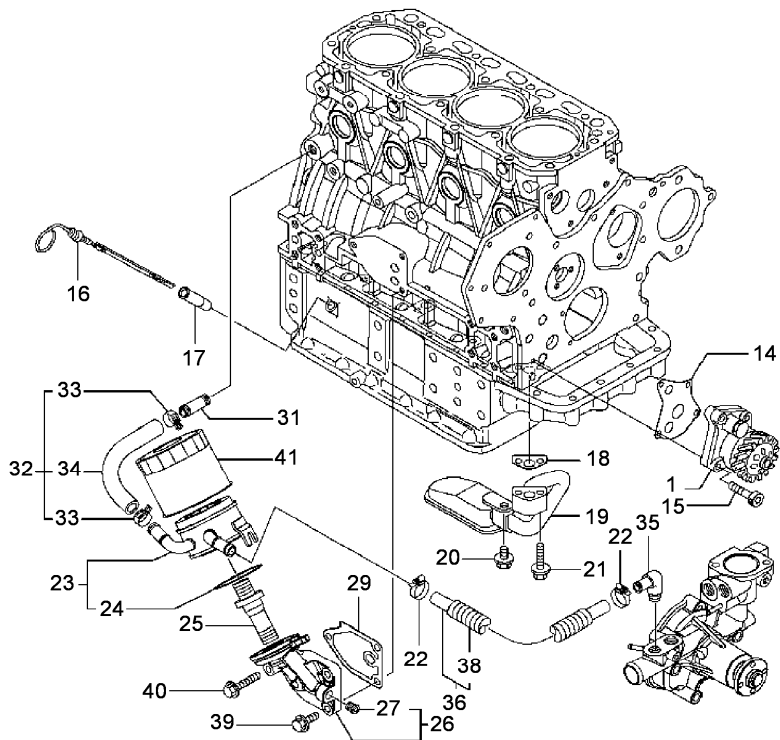
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A0512

Lubricating oil pump and delivery housing-oil filter



		Inglese
1	4218175M91	1 Pump
14	3653455M1	1 Gasket
15	3653878M1	4 Bolt
16	3653766M1	1 Rod
17	3653306M1	1 Guide
18	3653456M2	1 Gasket
19	3685583M1	1 Pipe
20	3653856M1	1 Bolt
21	3653861M1	2 Bolt
22	4217737M1	2 Retainer
23	6510381M91	1 Coperch.
24	4218215M1	! 23 1 Ring
25	6510382M1	1 Sleeve
26	6510383M91	1 Stirrup
27	3653316M1	! 26 1 Plug
29	3653458M1	1 Gasket
31	4218170M1	1 Connection
32	6510384M91	1 Pipe
33	3678299M1	! 32 2 Clamp
34	6510385M1	! 32 1 Pipe
35	3678033M1	1 Elbow
36	3679841M1	1 Pipe
38	3679842M1	! 36 1 Guard
39	3653860M1	2 Bolt

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A0512

Lubricating oil pump and delivery housing-oil filter

Inglese

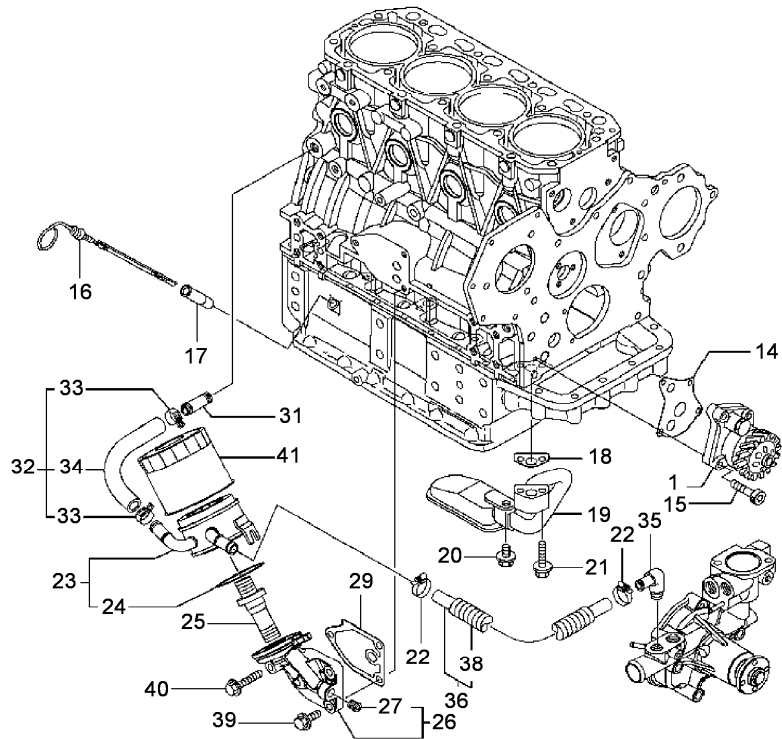
40 3653863M1

1 Bolt

41 3678034M2

1 Filter

! This is a component of an assembly



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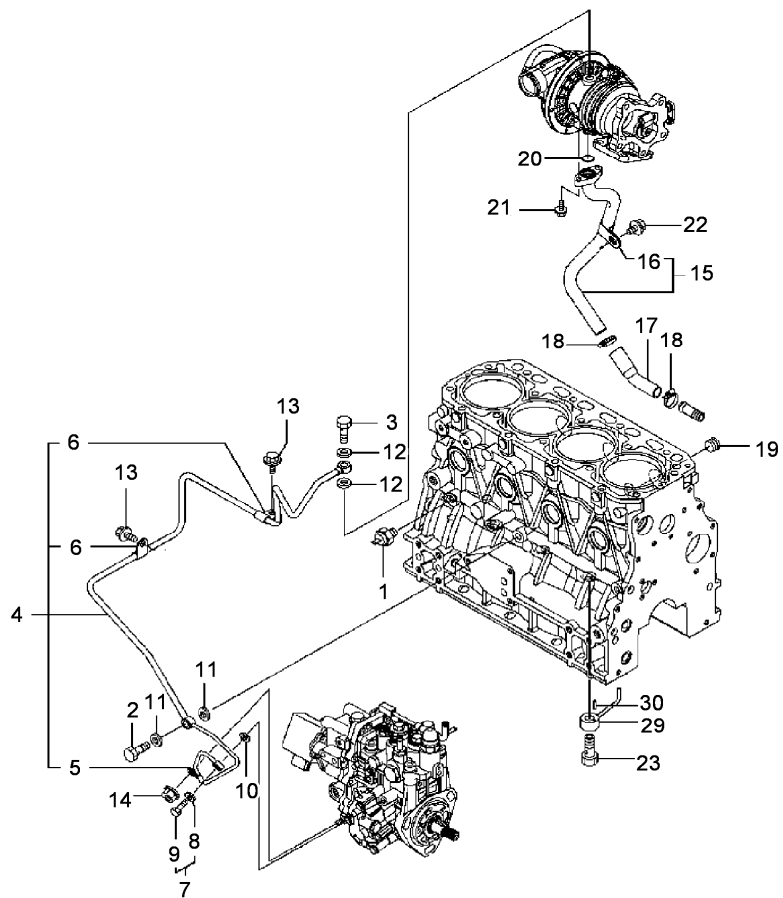
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A0513

Lubrication

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- | | | | |
|----|------------|---|----|
| 1 | 4216862M1 | A | |
| 2 | 3653318M1 | | |
| 3 | 3677989M1 | | |
| 4 | 4218242M91 | | |
| 5 | 4218023M1 | ! | 4 |
| 6 | 4217733M1 | ! | 4 |
| 7 | 3678024M1 | | |
| 8 | 3653808M1 | ! | 7 |
| 9 | 3665013M1 | ! | 7 |
| 10 | 3653808M1 | | |
| 11 | 3653809M1 | | |
| 12 | 3653823M1 | | |
| 13 | 3653856M1 | | |
| 14 | 3653876M1 | | |
| 15 | 4218243M91 | | |
| 16 | 4217732M1 | ! | 15 |
| 17 | 4218244M1 | | |
| 18 | 3678302M1 | | |
| 19 | 3665018M1 | | |
| 20 | 4218304M1 | | |
| 21 | 3653853M1 | | |
| 22 | 3653856M1 | | |
| 23 | 3678293M1 | | |
| 29 | 3678283M1 | | |

Inglese

- | | |
|---|----------|
| 1 | Cutout |
| 1 | Bolt |
| 1 | Bolt |
| 1 | Pipe |
| 1 | Pipe |
| 2 | Retainer |
| 1 | Bolt |
| 1 | Washer |
| 1 | Bolt |
| 1 | Washer |
| 2 | Washer |
| 2 | Gasket |
| 2 | Bolt |
| 1 | Nut |
| 1 | Pipe |
| 1 | Retainer |
| 1 | Pipe |
| 2 | Clamp |
| 1 | Plug |
| 1 | Ring |
| 2 | Bolt |
| 1 | Bolt |
| 4 | Bolt |
| 4 | Nozzle |



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A0513

Lubrication

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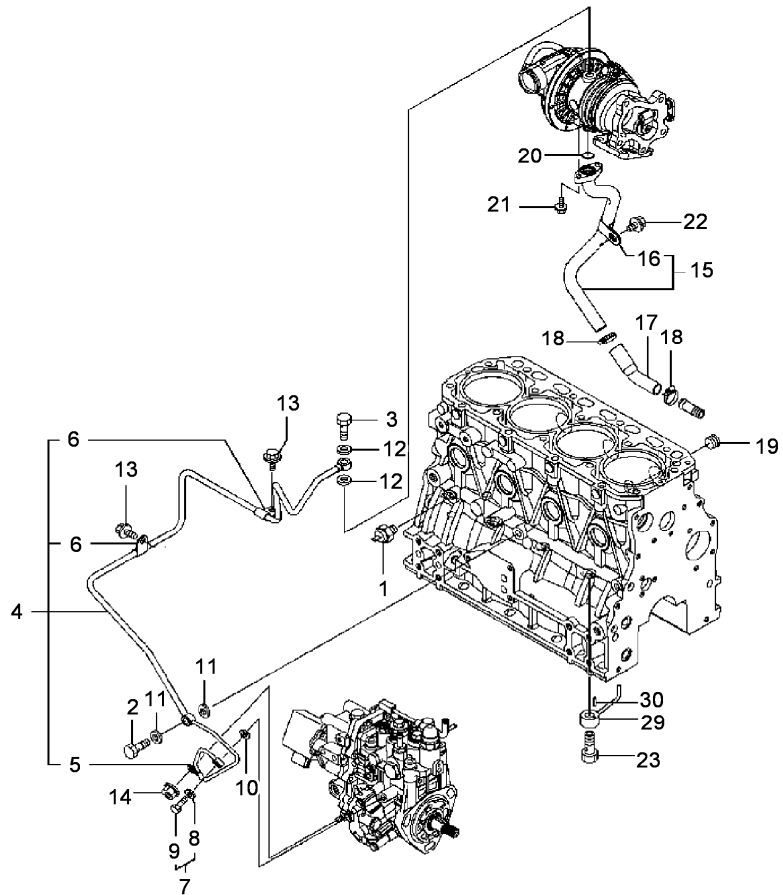
Inglese

30 3678301M1

4 Spring

! This is a component of an assembly

A Oil pressure



Engine

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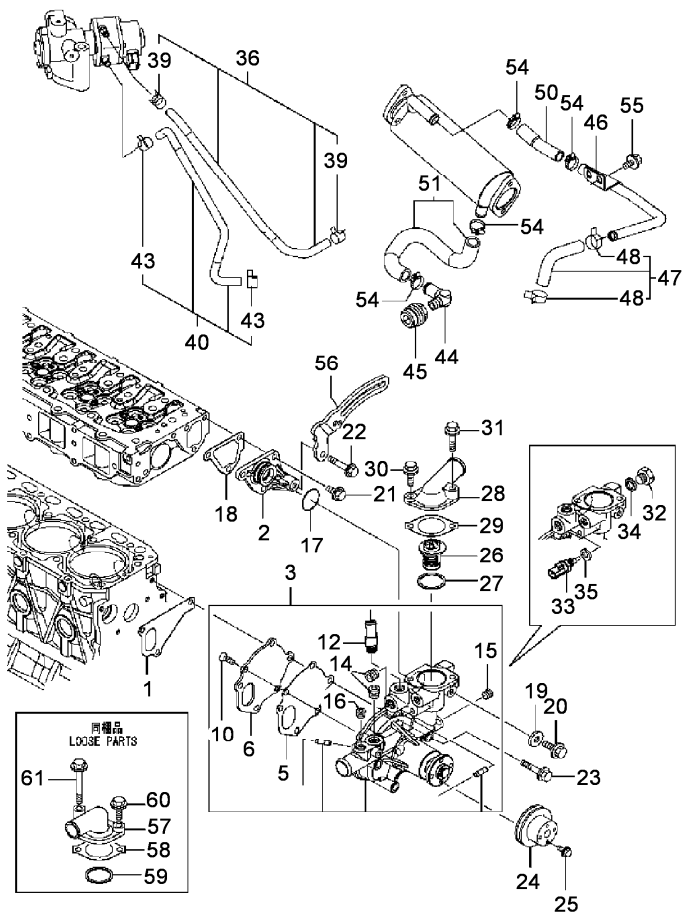
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A0514

Water pump, thermostat and heat exchanger

RS42\00040768.png



- | | | | |
|----|------------|---|--------------|
| 1 | 3664547M1 | | |
| 2 | 3678017M1 | | |
| 3 | 4218245M91 | | |
| 5 | 3678031M1 | ! | 3 |
| 6 | 3678032M1 | ! | 3 |
| 10 | 3678000M1 | ! | 3 |
| 12 | 4218247M1 | ! | 3 |
| 14 | 3678297M1 | ! | 3 |
| 15 | 3665017M1 | ! | 3 |
| 16 | 3678308M1 | ! | 3 |
| 17 | 3664548M1 | | |
| 18 | 3664432M1 | | |
| 19 | 3653822M1 | | |
| 20 | 3653856M1 | | |
| 21 | 3653858M1 | | |
| 22 | 3653863M1 | | |
| 23 | 3653866M1 | | |
| 24 | 6504081M1 | ● | 3674556M1(1) |
| 25 | 3679848M1 | | |
| 26 | 3693923M1 | | |
| 27 | 3653463M1 | | |
| 28 | | ➡ | Ref.n.57 |
| 29 | 3653795M1 | | |
| 30 | 3653860M1 | | |

Inglese

- | | |
|---|------------|
| 1 | Gasket |
| 1 | Gasket |
| 1 | Pump |
| 1 | Gasket |
| 1 | Gasket |
| 3 | Screw |
| 1 | Sleeve |
| 2 | Plug |
| 1 | Plug |
| 1 | Plug |
| 1 | Ring |
| 1 | Gasket |
| 1 | Gasket |
| 1 | Bolt |
| 3 | Bolt |
| 1 | Bolt |
| 3 | Bolt |
| 1 | Pulley |
| 4 | Bolt |
| 1 | Thermostat |
| 1 | Gasket |
| 1 | Coperch. |
| 1 | Gasket |
| 1 | Bolt |

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