

Engine

V Series Cab Tier 3 New Generation (2007-2009) - RP04 - 65

RP04\00005170.png

A-05
01



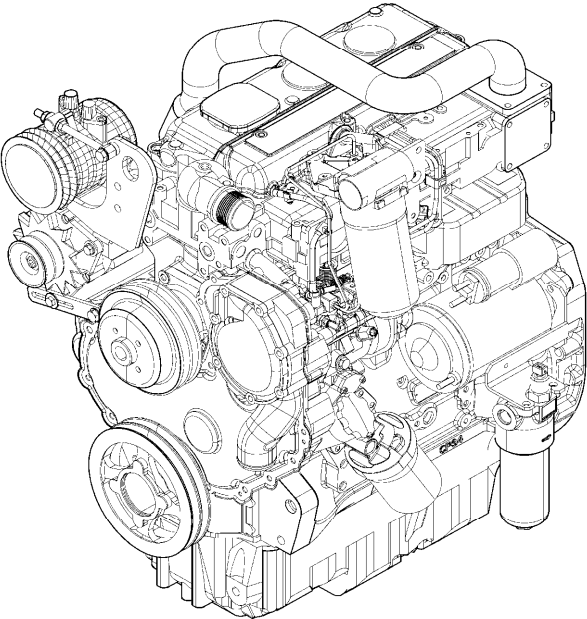
A0501

Engine assembly

Inglese

1 3695279M91 "perkins - xl75076" 1 Engine

1



Engine

V Series Cab Tier 3 New Generation (2007-2009) - RP04 - 65

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A-05
02



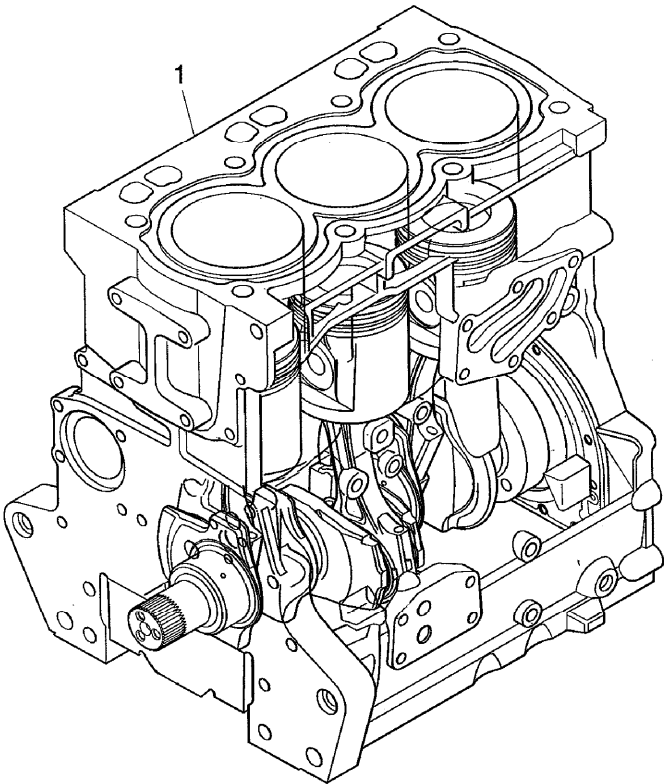
A0502

Short engine

Inglese

1 Cylinder block

1 XM40012



Engine

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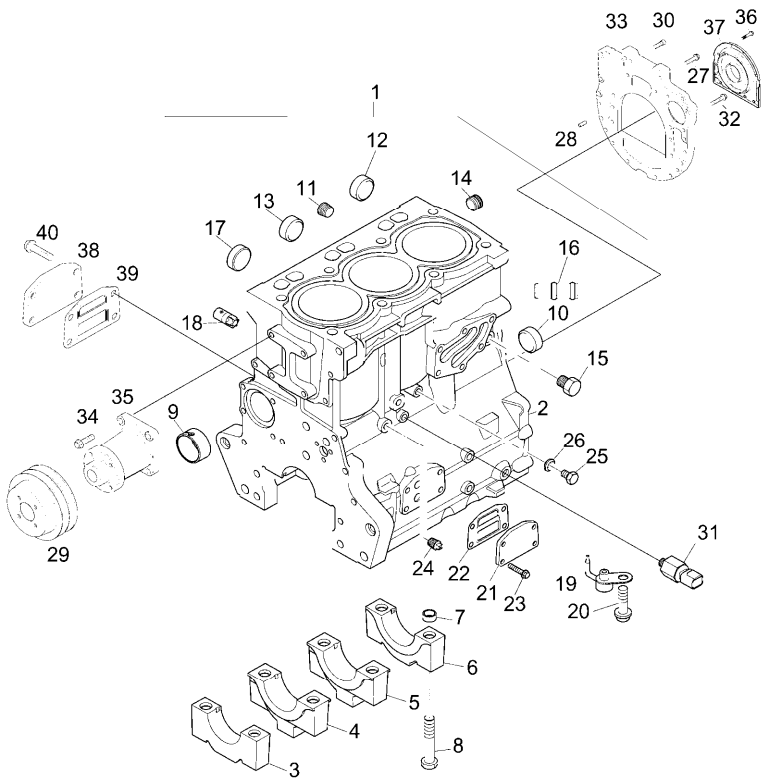
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A-05
03



A0503

Cylinder block



				Inglese
1	4181V016	T-A	30:50	1 Cylinder
2		!	1	1 Cylinder
3		➡	Ref.n.1	1 Bearing
4		!	1	1 Bearing
5		➡	Ref.n.1	1 Bearing
6		!	1	1 Bearing
7	33142111	!	1	8 Manicott
8	32166329	!	1	8 Screw
9	3112D071	!	1	1 Bush
		●	3112D075(1)	
10	3241A012	!	1	1 Plug
11	0650588	!	1	1 Plug
12	0650710	!	1	1 Plug
13	3241A011	!	1	2 Plug
14	3212P008	!	1	1 Plug
15	32141316	!	1	1 Plug
16	3313A022	!	1	1 Pipe
17	2485A108	!	1	1 Plug
18	3212V006	!	1	1 Plug
19	2113A003	!	1	3 Atomiser

Engine

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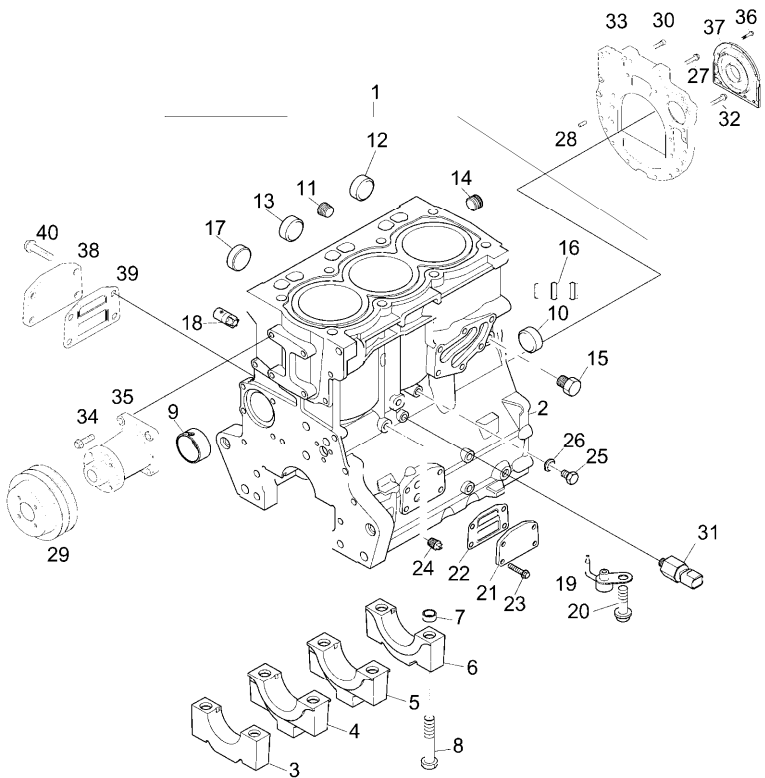
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A-05
03



A0503

Cylinder block



				Inglese
20	2314F001	!	1	3 Screw
21	3623A009	!	1	2 Plate
T-A 0:50				
22	3688A039	!	1	2 Gasket
T-A 0:50				
23	2314H033	!	1	8 Screw
24	0650594	!	1	1 Plug
25	2314C049	!	1	1 Screw
26	2415D053	!	1	Washer
28	3245A011			2 Dowel
29	3115C113	T-A	2:0	1 Pulley
30	2311D105			1 Screw
31	2848A051	B		1 Pressure switch
32	2314J203			6 Screw
33	3714A062	T-A	6:0	1 Plate
34	2314J005			4 Screw
35	4113K005	T-A	2:0	1 Housing
36	3211C002			10 Screw
37	2418F704	T-A	11:0	1 Housing
38	3623A009	T-A	0:50	1 Plate
39	3688A039	(X)	0.1.3.	1 Gasket
T-A 0:50				
40	2314H033			4 Screw

! This is a component of an assembly

Not serviced, order

Engine

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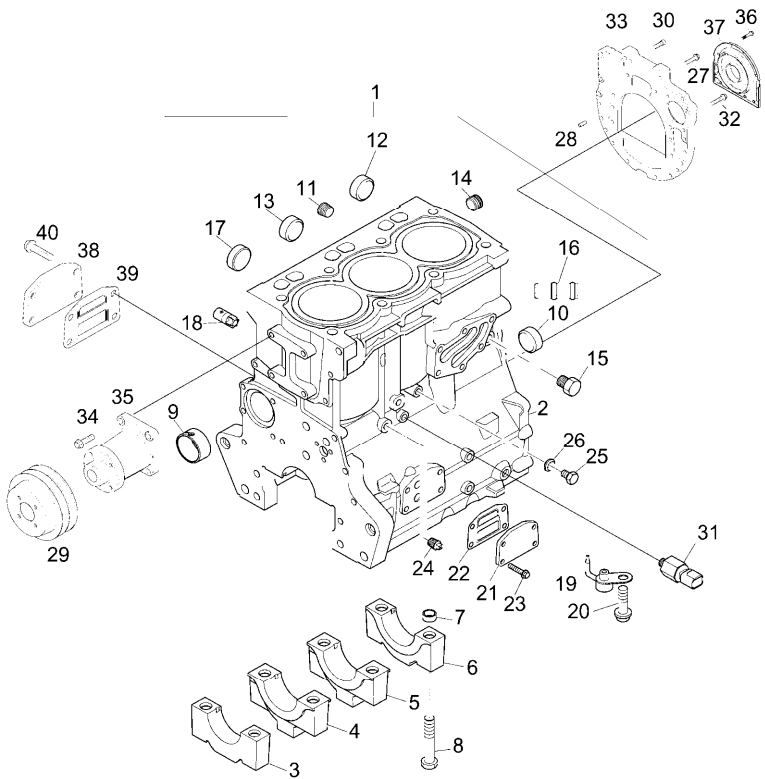
A-05
03



A0503

Cylinder block

- Replacement
- (X) Qty per tractors sold (aa.bbb.ccc.ddd) (aa) for 1,(bbb) 2-10 (ccc) 11-25 (ddd) 26-50
- T-A Replacement
- B Oil pressure



Engine

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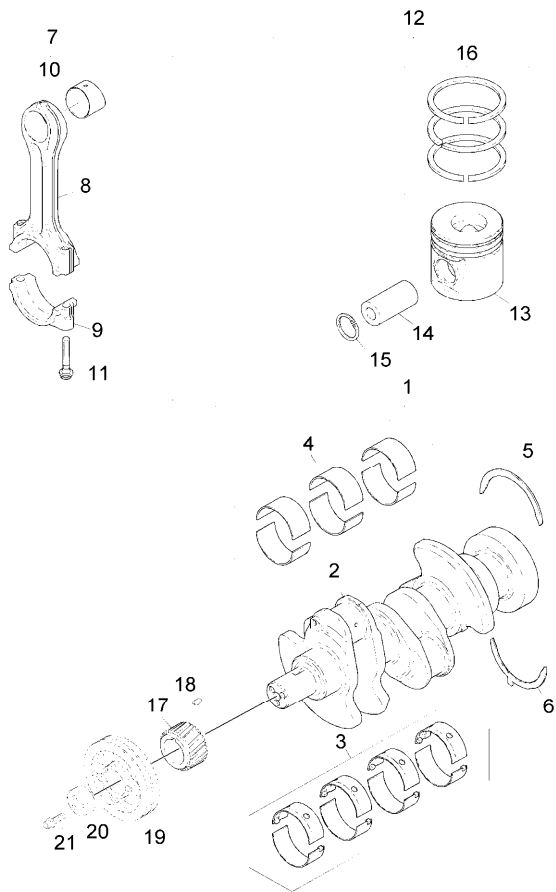
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A-05
04



A0504

Crankshaft,pistons and connecting rods



Inglese				
1	4181V017	T-A	18:50	1 Shaft
2	!	1		1 Crankshaft
	4181v017			
3	U5MB0019	!	1	1 Kit
	U5MB0037(1)			
	T-A	18:50		
3	U5MB0019A	!	1	1 Kit
	(-)0.25 mm			
3	U5MB0019B	!	1	1 Kit
	(-)0.50 mm			
	U5MB0037B(1)			
3	U5MB0019C	!	1	1 Kit
	(-)0.75 mm			
4	U5ME0018	!	1	1 Kit
	U5ME0033(1)			
	T-A	18:50		
5	31137312	!	1	2 Ring
	(+)0.007"			
	T-A	18:50		
5	31137551	!	1	2 Washer
	T-A	18:50		
6	31137322	!	1	2 Ring
	(+)0.007"			
	T-A	18:50		
6	31137561	!	1	2 Washer
	T-A	18:50		

Engine

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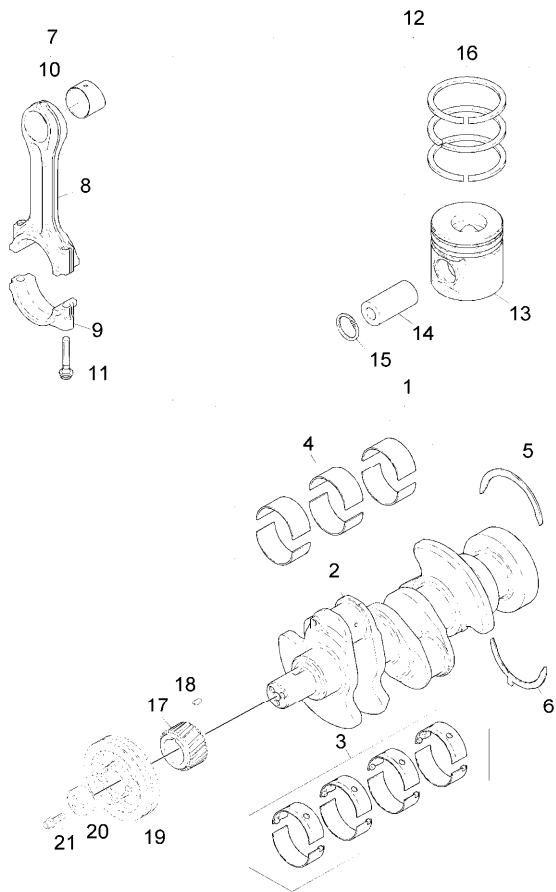
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04



A0504

Crankshaft,pistons and connecting rods



Inglese			
7	4115C311	➡ U491477 t	3 Kit
		F	
		T-A 17:0	
7	4115C312	➡ U491477 t	3 Kit
		E	
		T-A 17:0	
7	4115C313	➡ U491477 t	3 Kit
		D	
		T-A 17:0	
7	4115C314	➡ U491477 t	3 Kit
		C	
		T-A 17:0	
7	4115C315	➡ U491477 t	3 Kit
		B	
		T-A 17:0	
7	4115C316	➡ U491477 t	3 Kit
		A	
		T-A 17:0	
7	4115C361	➡ U491478 t	3 Conrod
		F	
7	4115C362	➡ U491478 t	3 Conrod
		E	
7	4115C363	➡ U491478 t	3 Conrod
		D	
7	4115C364	➡ U491478 t	3 Conrod
		C	

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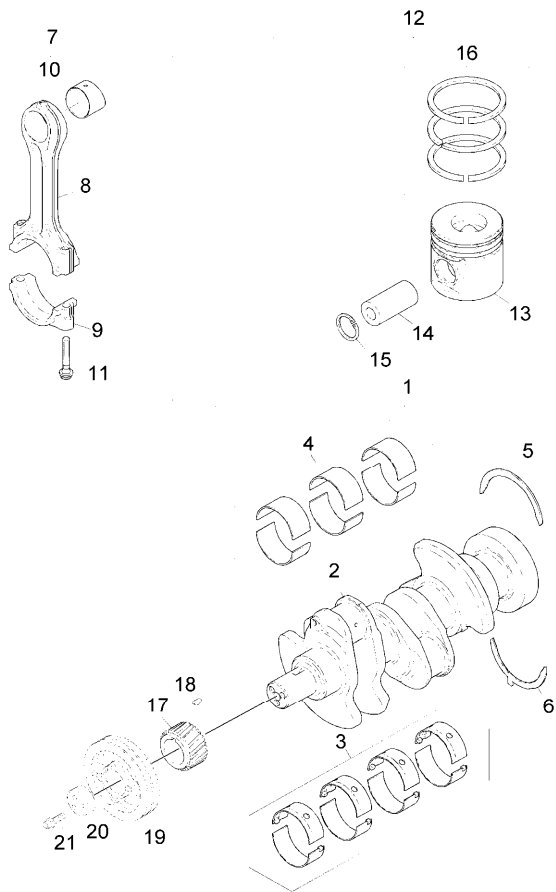
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A0504

Crankshaft, pistons and connecting rods



Inglese			
7	4115C365	➡ U491478 t	3 Conrod
		B	
7	4115C366	➡ U491478 t	3 Conrod
		A	
8	!	7	1 Conrod
	➡	Ref.n.7	
9	!	7	1 Guard
	➡	Ref.n.7	
10	3112A005	!	7
		T-A	17:0
11	3212V003	!	7
12	U5PR0064		2 Screw
			3 Kit
13	!	12	1 Piston
	➡	Ref.n.12	
14	!	12	1 Pin
	➡	Ref.n.12	
15	2721332	!	12
16	UPRK0005	!	12
17	3117C221	T-A	13:0
18	0500012	T-A	13:0
19	3115T051	T-A	2:0
20	3241N001	T-A	2:0
21	32186137		1 Pulley
			1 Block
			3 Screw

- ! This is a component of an assembly
- ➡ From serial or engine number
- ➡ Up to serial or engine number

Engine

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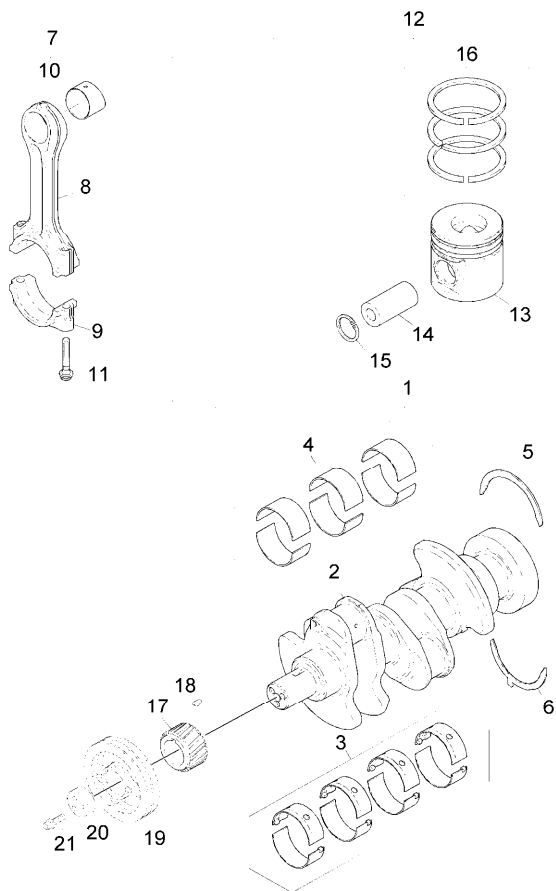


A0504

Crankshaft,pistons and connecting rods

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- Not serviced, order
- Shim
- Replacement
- T-A Replacement
- A Blue
- B Purple
- C Green
- D White
- E Orange
- F Red

Engine

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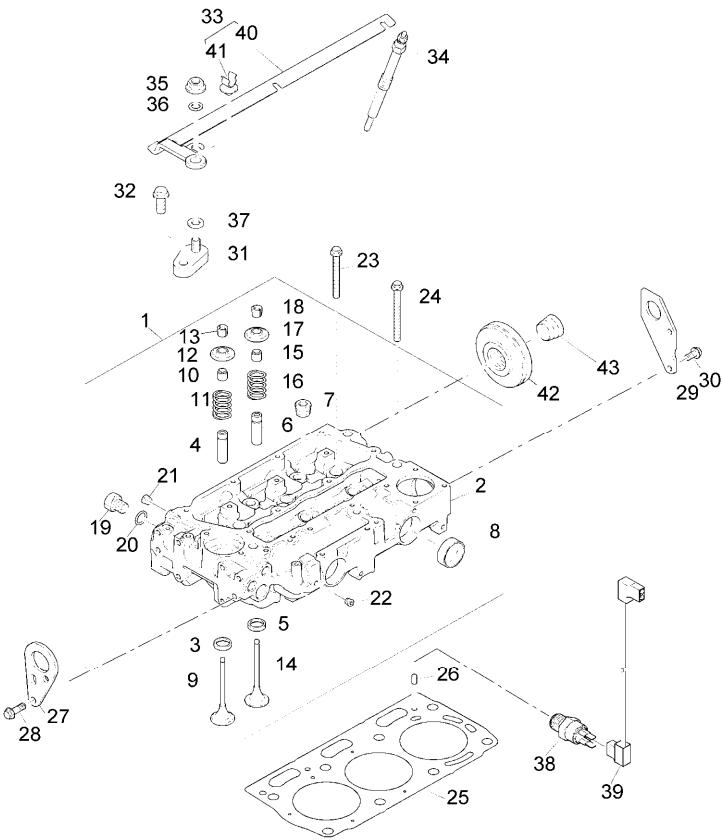
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05



A0505

Cylinder head



				Inglese
19	3278A006	!	1	1 Plug
20	2415H003	!	1	1 Ring
21	2431154	!	1	1 Plug
22	2431154	!	1	1 Plug
23	3218A011			5 Screw
24	3218A012			3 Screw
25	3681E049			1 Gasket
26	3244A009			2 Dowel
27	3617A015			1 Stirrup
28	2314J002			2 Screw
29	3624A016			1 Stirrup
30	2314J002			2 Screw
31	3881A006			1 Insulator
32	2314F004			1 Screw
33	3812A031	T-A	0:50	1 Bar
34	2666A016	T-A	0:75	3 Spark plug
35	2318A602			1 Nut
36	2134A609			1 Washer
37	0920002			1 Washer
38	2848A127	T-A	0:25	1 Sensor
39	3161C017	T-A	0:25	1 Cable
40		➡	Ref.n.33	1 Bar
		!	33	
41	2481D456	!	33	1 Clip

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05



A0505

Cylinder head

Inglese

1 Connection

Plug

42 3342A701

43 2431154

! This is a component of an assembly

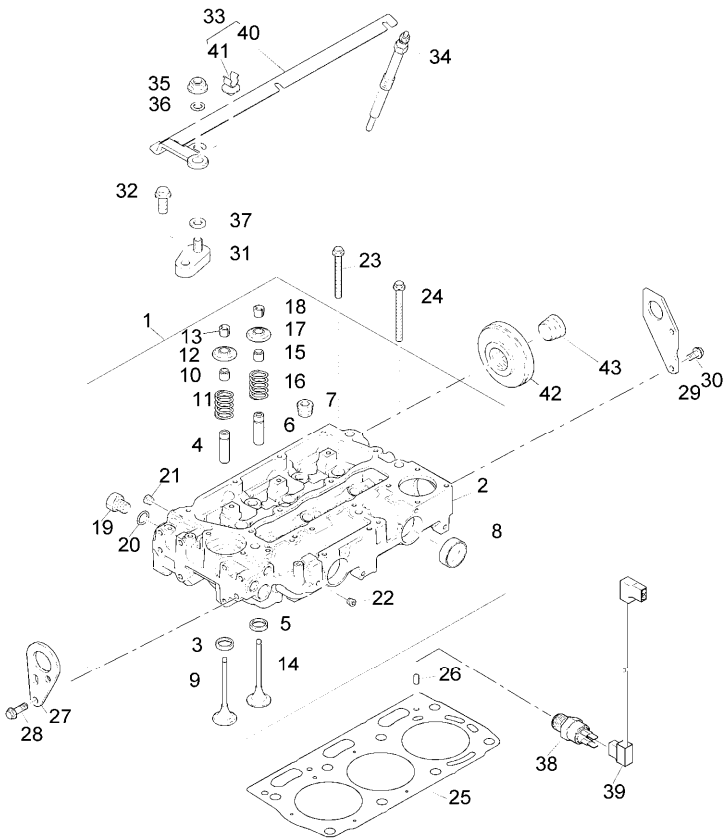
Not serviced, order

Replacement

T-A Replacement

A Green

B Brown



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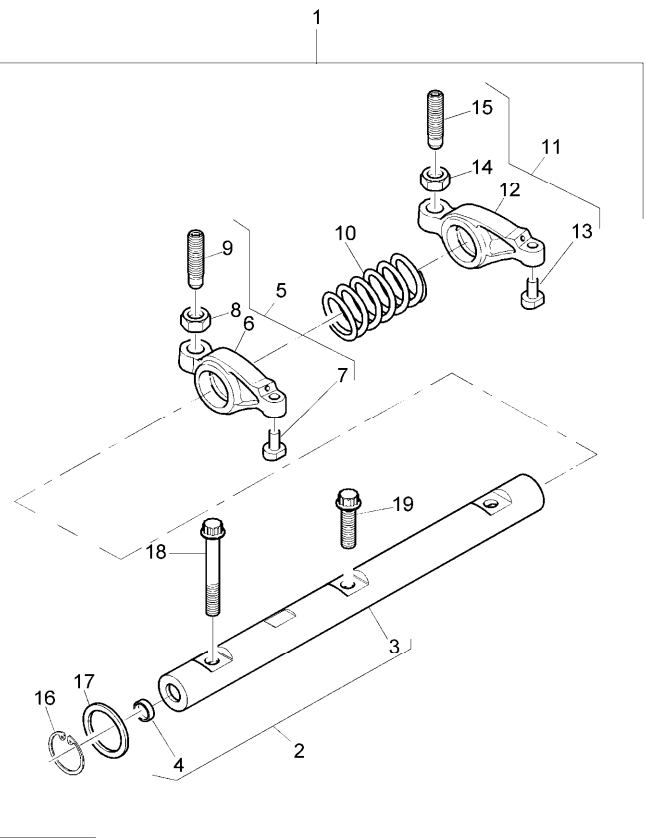
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A-05
06



A0506

Rocker shaft



Inglese

-			
1	4115R614		1 Rocker
2	4115R702	! 1	1 Shaft
		T-A 4:0	
3		! 2	1 Rockerarm
		➡ Ref.n.2	
4	2485A104	! 2	2 Plug
5	4115R319	! 1	3 Lever
6		! 5	1 Rocker
		➡ Ref.n.5	
7		! 5	1 Pad
		➡ Ref.n.5	
8	3331A006	! 5	1 Nut
9	3211C004	! 5	1 Screw
10	3174A015	! 1	2 Spring
		T-A 4:0	
11	4115R318	! 1	3 Lever
12		! 11	1 Rocker
		➡ Ref.n.11	
13		! 11	1 Pad
		➡ Ref.n.11	
14	3331A006	! 11	1 Nut
15	3211C004	! 11	1 Screw
16	2722A022	! 1	2 Ring
17	2134A502	! 1	2 Washer

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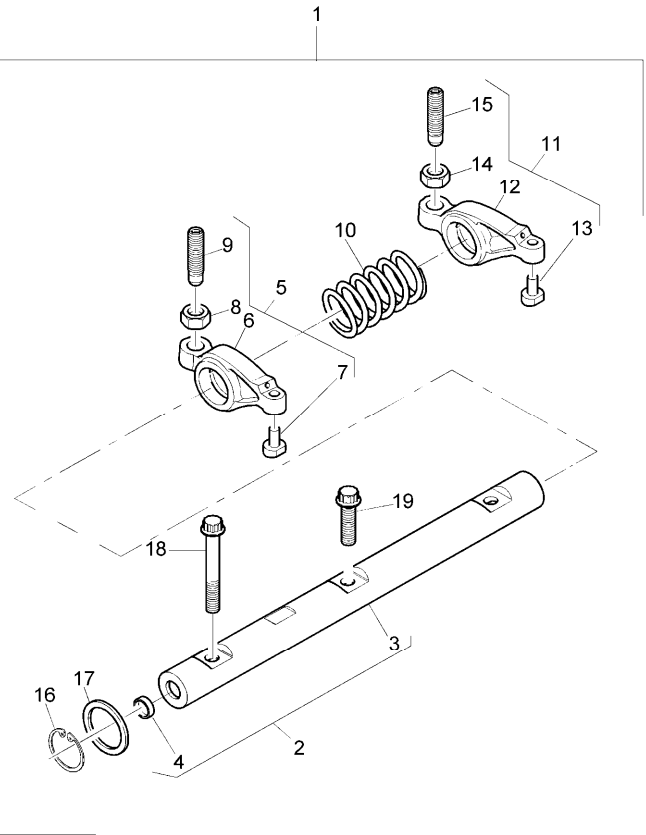
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A-05
06



A0506

Rocker shaft



Inglese

18 2316A901 ! 1

19 2316A902 ! 1

! This is a component of an assembly

Not serviced, order

T-A Replacement

1 Screw

2 Screw

Engine

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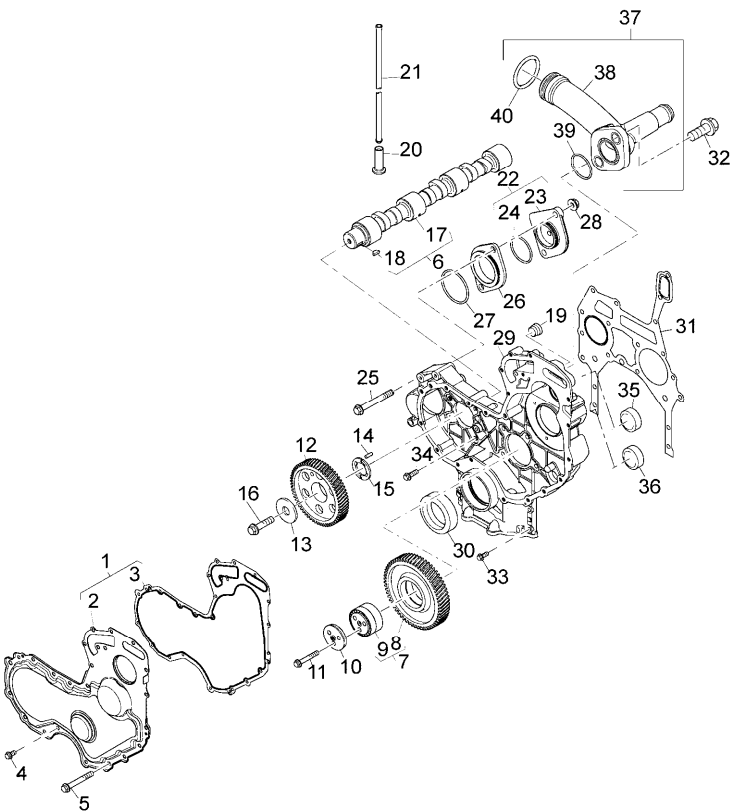
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A-05
07



A0507

Timing gear and camshaft



Inglese		
-		1
1 4142A503		1 Kit
2	! 1	1 Overlay
	➡ Ref.n.1	
3 3681P046	! 1	1 Gasket
	(X) 0.1.3.	
	T-A 4:50	
4 2314H002		9 Screw
5 2314H012		5 Screw
6 4112K034		1 Shaft
7 4111A042	● 4111A048(1)	1 Gear
8	! 7	1 Gear
	➡ Ref.n.7	
9	! 7	1 Hub
	➡ Ref.n.7	
10 3321A012		1 Plate
11 2314J012		3 Screw
12 3117L271	● 3117L272(1)	1 Gear
13 3321A003		1 Washer
14 2116053		1 Pin
15 3112X011		1 Washer
16 2314J606		1 Screw
17	! 6	1 Shaft
	➡ Ref.n.6	
18 0500012	! 6	1 Key

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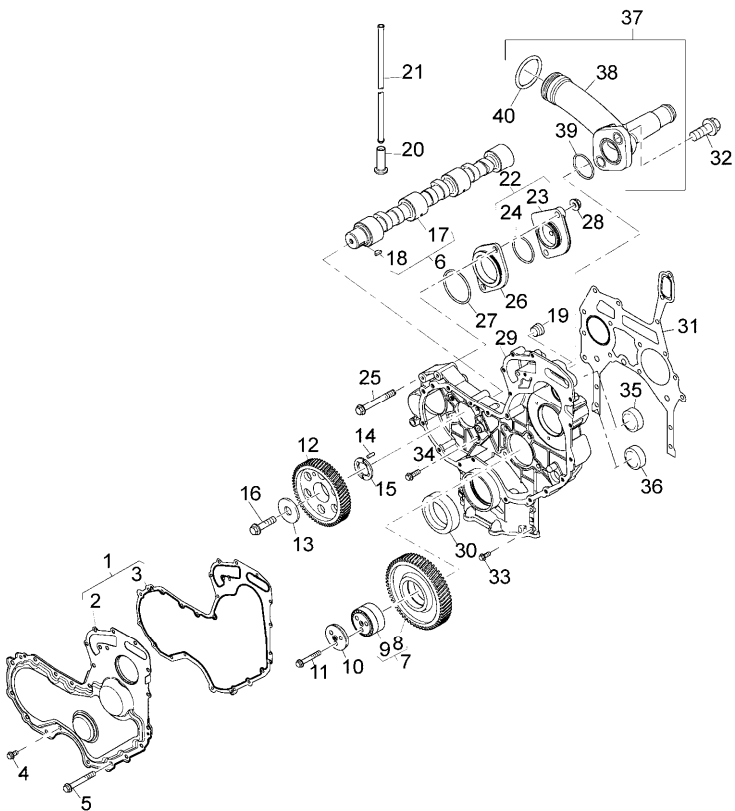
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A-05
07



A0507

Timing gear and camshaft



19 2431154

20 3142U061

21 3142V011

22 4148K012

23

24 2415H515

25 2314J014

26 3617A021

27 2415H516

28 2318A604

29 3716C581

30 2418F437

31 3681P053

32 2314H003

33 2314H003

34 2314H034

35 2485A124

36 2485A124

37 4133L049

38

39 2418F001

T-A 4:75

! 22

➡ Ref.n.22

! 22

T-A 4:75

T-A 4:75

! 37

➡ Ref.n.37

! 37

T-A 4:75

Inglese

1 Plug

6 Tappet

6 Rod

1 Plate

1 Plate

1 Ring

2 Screw

1 Disc

1 O ring

2 Nut

1 Housing

1 Gasket

1 Gasket

Screw

8 Screw

4 Screw

1 Plug

1 Plug

1 Connection

1 Connection

1 Ring

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07



A0507

Timing gear and camshaft

Inglese

40 2418F002

!

37

1 Ring

T-A 4:75

!

This is a component of an assembly



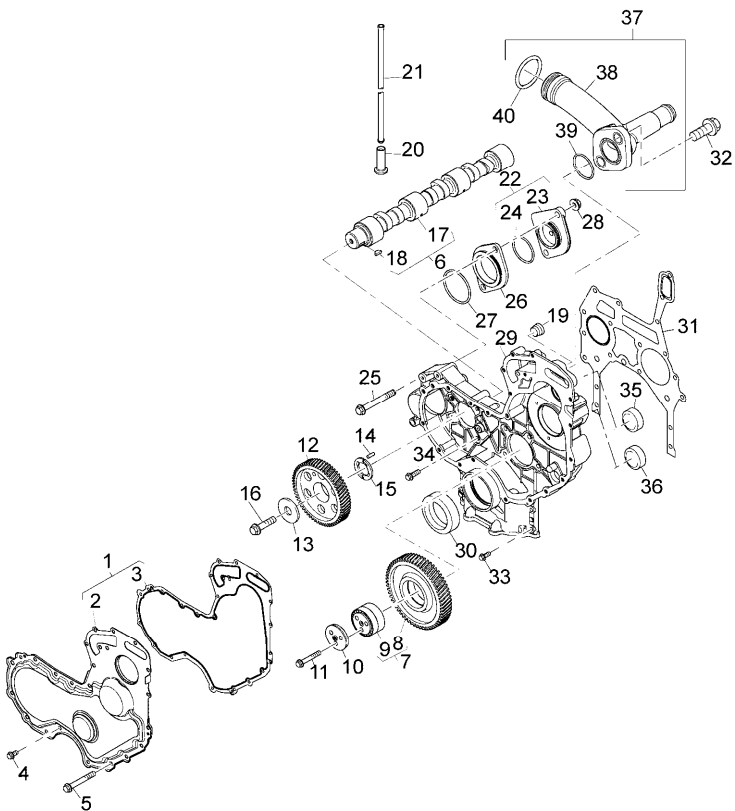
Not serviced, order



Replacement

(X) Qty per tractors sold (aa.bbb.ccc.ddd) (aa) for 1,(bbb) 2-10 (ccc) 11-25 (ddd) 26-50

T-A Replacement



Engine

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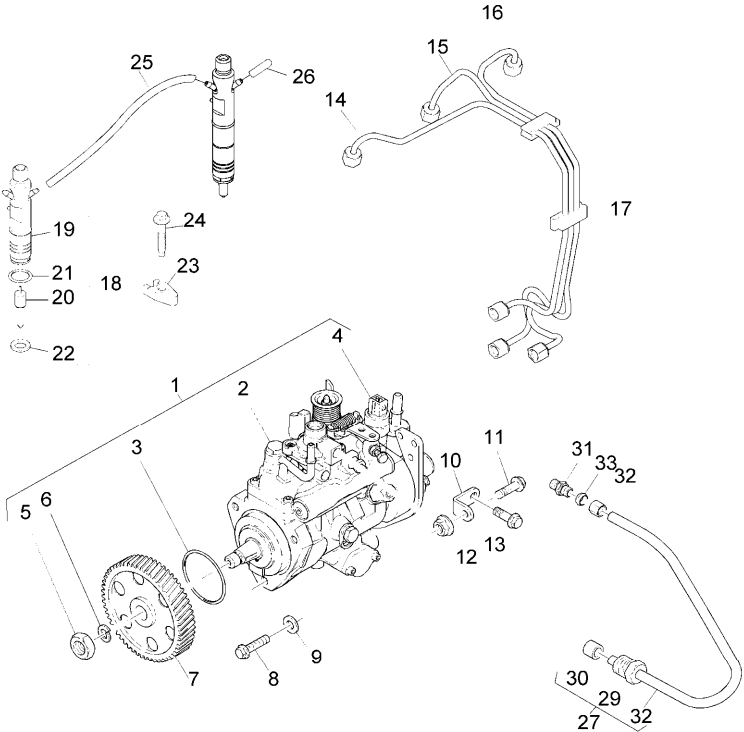
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A-05
08



A0508

Fuel injection equipment (diesel)



1 2643B344/22

2 ! 1

3 26420318 ! 1 Ref.n.1

4 26420469 ! 1 T-A 4:50

(X) 0.1.2.

T-A 0:25

5 2318A108 ! 1

6 K134AF01 ! 1

7 3117L261

8 2314H004

9 2411D008

10 3641A007

11 2314H003

12 2318A603

13 2314J002

14 3525A114

15 3525A115

16 3525A116

17 2646E018

18 2645K031

19 ! 18 Ref.n.18

Inglese

1 Pump

1 Pump

1 Ring

1 Solenoid

1 Nut

1 Washer

1 Gear

3 Screw

3 Washer

1 Stirrup

1 Screw

1 Nut

1 Screw

1 Pipe

1 Pipe

1 Pipe

2 Clip

3 Nozzle

1 Nozzle

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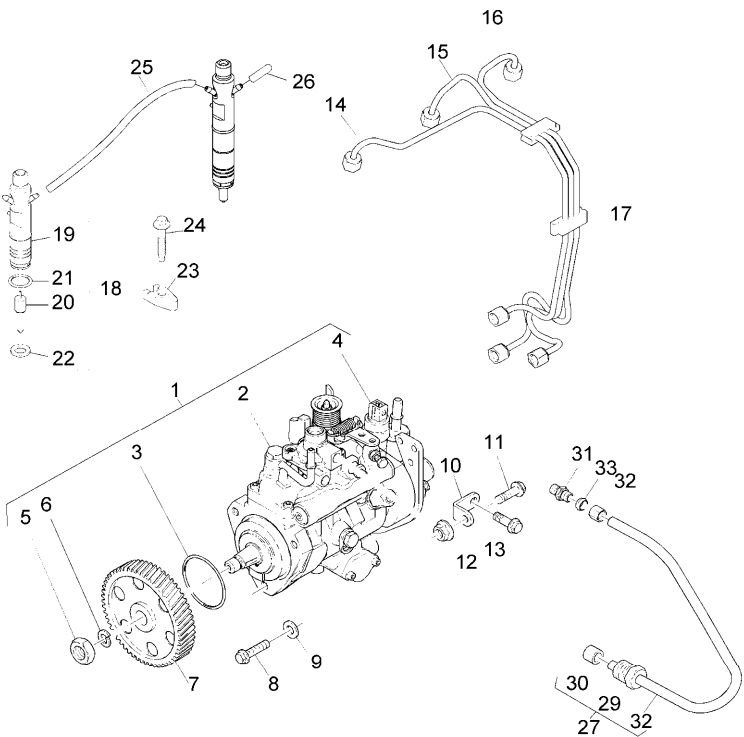
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A-05
08



A0508

Fuel injection equipment (diesel)



			Inglese
20	➡	Ref.n.18	1 Nozzle
	!	18	
21 26460064	!	18	1 Ring
22 L311FF02	!	18	1 Washer
23 3751A241			3 Clamp
24 2314W009			3 Screw
24 3673286M91	A		1 Cable
25 2646F501			2 Pipe
26 2646E501			1 Cap
27 4121A067			1 Pipe
28	!	27	1 Pipe
	➡	Ref.n.27	
29	➡	Ref.n.27	1 Union
	!	27	
30 33811112	!	27	1 Spinner
31 0206002			1 Union
32 0576111			1 Nut
33 0566002			1 Olive
!	This is a component of an assembly		
➡	Not serviced, order		
(X)	Qty per tractors sold (aa.bbb.ccc.ddd) (aa) for 1,(bbb) 2-10 (ccc) 11-25 (ddd) 26-50		
T-A	Replacement		
A	Not fitted on this application		

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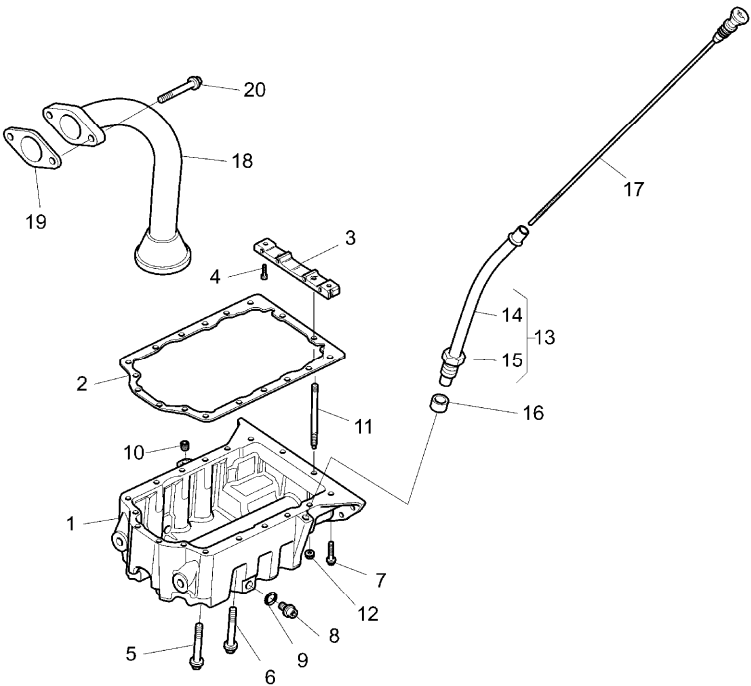
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A-05
09



A0509

Lubricating oil sump



1	3717C142		
2	3681K038	(X) 0.1.3.	
		T-A 2:0	
3	3627P041	T-A 2:0	
4	2311D039		
5	2314H022	● 2314H052(6)	
6	2314H015		
7	2314K159		
8	32186405		
9	2415715		
10	2431A016		
11	3211P022		
12	2318A603		
13	3577A159		
14		! 13	
		➡ Ref.n.13	
15	3353D005	! 13	
16	33812116	T-A 0:25	
17	3178C081		
18	3575A064	T-A 2:25	
19	36832137	T-A 2:25	
20	2314H004		

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

Inglese

1	Sump
1	Gasket
1	Crosspiece
2	Screw
6	Screw
8	Screw
2	Screw
2	Plug
2	Ring
1	Plug
2	Stud
2	Nut
1	Pipe
1	Pipe
1	Nut
1	Olive
1	Rod
1	Pipe
1	Gasket
2	Screw

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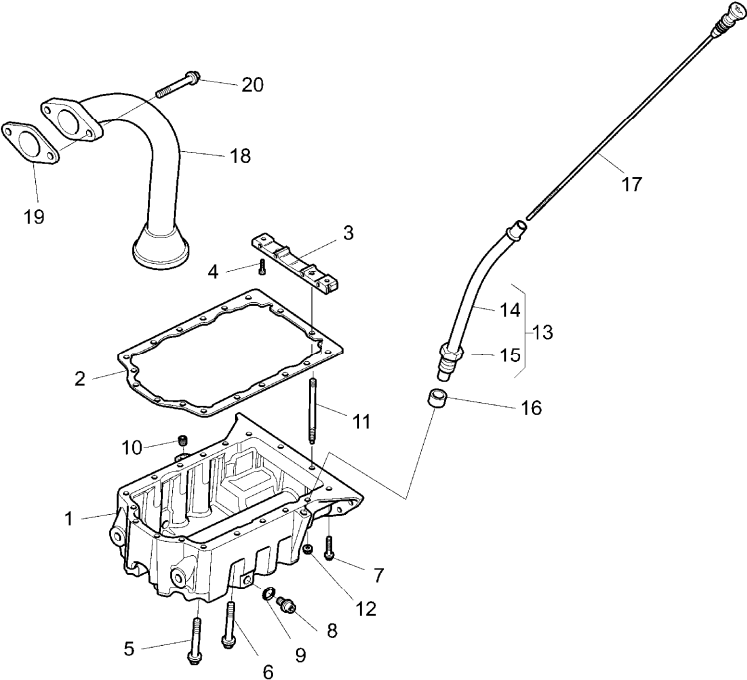
A-05
09



A0509

Lubricating oil sump

(X) Qty per tractors sold (aa.bbb.ccc.ddd) (aa) for 1,(bbb) 2-10 (ccc) 11-25 (ddd) 26-50
T-A Replacement



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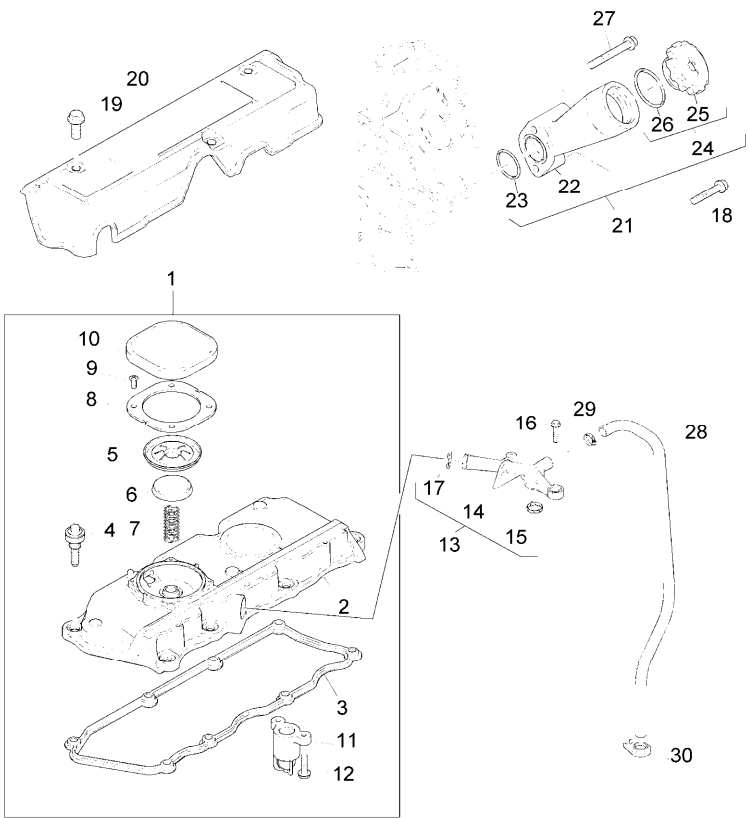
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A0510

Lubricating oil filler and breather



Inglese

1	4142X392			1 Coperch.
2		!	1	1 Cover
3	3681A057	➡	Ref.n.1	
		!	1	1 Coperch.
		(X)	0.1.3.	
		T-A	1:0	
4		➡	Ref.n.1	8 Screw
		!	1	
5	3789A001	!	1	1 Diaphragm
		T-A	0:25	
6	3788A002	!	1	1 Cap
		T-A	0:25	
7	3174A017	!	1	1 Spring
		T-A	0:50	
8	3615A009	!	1	1 Plate
		T-A	0:25	
9	2152A034	!	1	4 Screw
10	3788A003	!	1	1 Cap
		T-A	0:25	
11	2652A019	!	1	1 Valve
		T-A	1:0	
12	2314D106	!	1	2 Screw
13	4134K022			1 Pipe
14		!	13	1 Pipe
		➡	Ref.n.13	
15	2415H701	!	13	1 Ring

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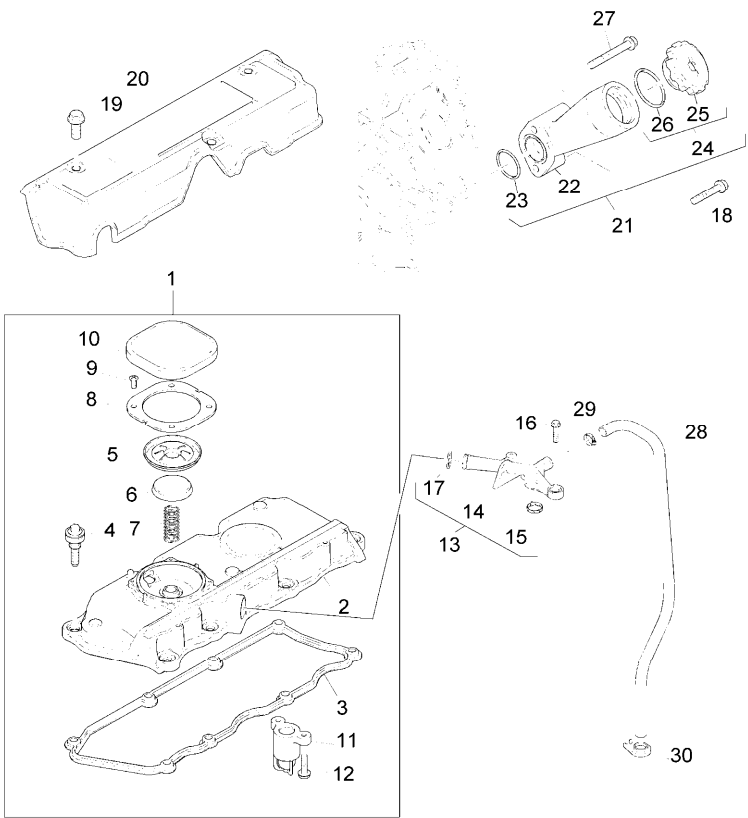
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A0510

Lubricating oil filler and breather



Inglese

16	2314F005			2	Screw
17	2415A068	!	13	1	Ring
		T-A	0:50		
18	2314H008			1	Screw
19	2314F003	T-A	0:50	3	Screw
20	3788N004			1	Guard
21	4134C019	●	N.L.S.(1)	1	Filler
22		!	21	1	Body
		➡	Ref.n.21		
23	2415B121	!	1	1	O ring
24	4142X098	!	21	1	Plug
		(X)	0.1.2.		
		T-A	0:25		
25		!	24	1	Plug
		➡	Ref.n.24		
26	2415633	!	24	1	O ring
		T-A	0:25		
27	2314K161			1	Screw
28	3482V094			1	Pipe
29	2481863	●	21825195(1)	1	Clamp
30	36241123			1	Support

! This is a component of an assembly

➡ Not serviced, order

● Replacement

(X) Qty per tractors sold (aa.bbb.ccc.ddd) (aa) for 1,(bbb) 2-10 (ccc) 11-25 (ddd) 26-50

T-A Replacement

Engine

V Series Cab Tier 3 New Generation (2007-2009) - RP04 - 65

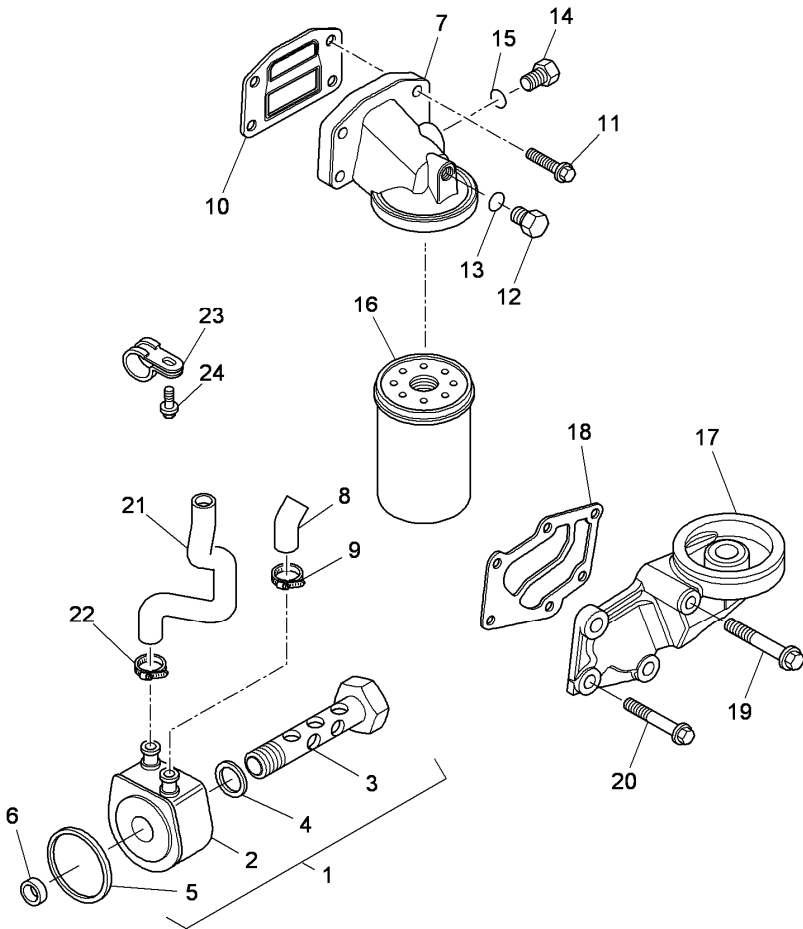
RP04\00007338.png

A-05
11



A0511

Heat exchanger and lubricating oil filter



Inglese			
1	2486A221	● 2486A241(1)	1 Cooler
		T-A 1:0	
2		! 1	1 Cooler
		➡ Ref.n.1	
3	2486A224	! 1	1 Adaptor
		T-A 1:0	
4	2411A524	! 1	1 Gasket
		● 2411A525(1)	
		T-A 1:0	
5	2486A223	! 1	1 Gasket
		T-A 1:0	
6	3311A042		1 Seal
7	3773A061		1 Head
8	3482H023		1 Pipe
9	2481863	● 21825195(2)	2 Clamp
10	3688A039	T-A 0:50	1 Gasket
11	2314H034		4 Screw
12	3278A007		1 Plug
13	2415H009	T-A 0:25	1 O ring
14	3278A004		1 Plug
15	2415H002	T-A 0:25	1 Ring
16	2654403		1 Filter
17	3766A171	T-A 0:25	1 Adaptor
18	3687M037	(X) 0.1.2.	1 Gasket
		T-A 0:25	

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