

Engine

F/XL Techno Tier 3 (2008-2009) - RP54 - F 80 GE/XL

RP54\00010996.png

A-05
01



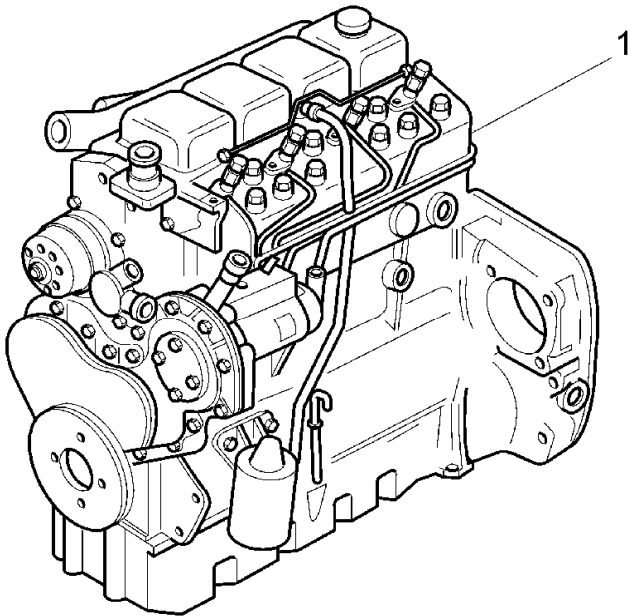
A0501

Engine assembly

Inglese

1 3692627M91

Perkins - nk38936 1 Engine
54.5kw



Engine

F/XL Techno Tier 3 (2008-2009) - RP54 - F 80 GE/XL

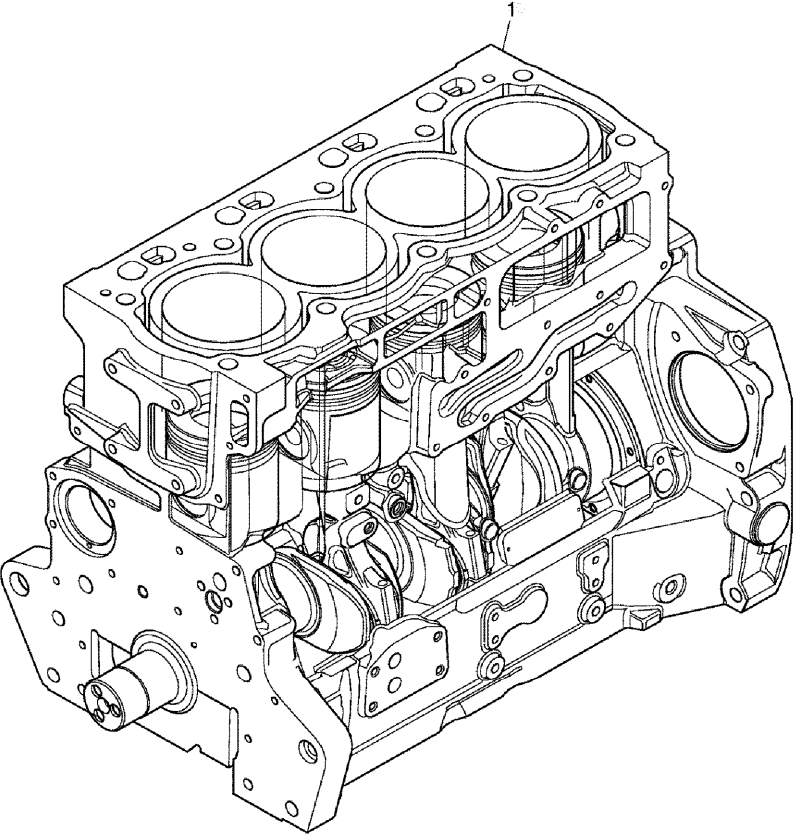
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A-05
02



A0502

Short engine



Inglese

- | | | | | | |
|---|---------|--|----------------------------------|---|----------------|
| 1 | NK40010 | | U056074 t | 1 | Cylinder block |
| | | | 3115A141(1),
32186146(3), NK4 | | |
| 1 | NK40017 | | U056075 t | 1 | Cylinder block |
| | | | From serial or engine number | | |
| | | | Up to serial or engine number | | |
| | | | Replacement | | |

Engine

F/XL Techno Tier 3 (2008-2009) - RP54 - F 80 GE/XL

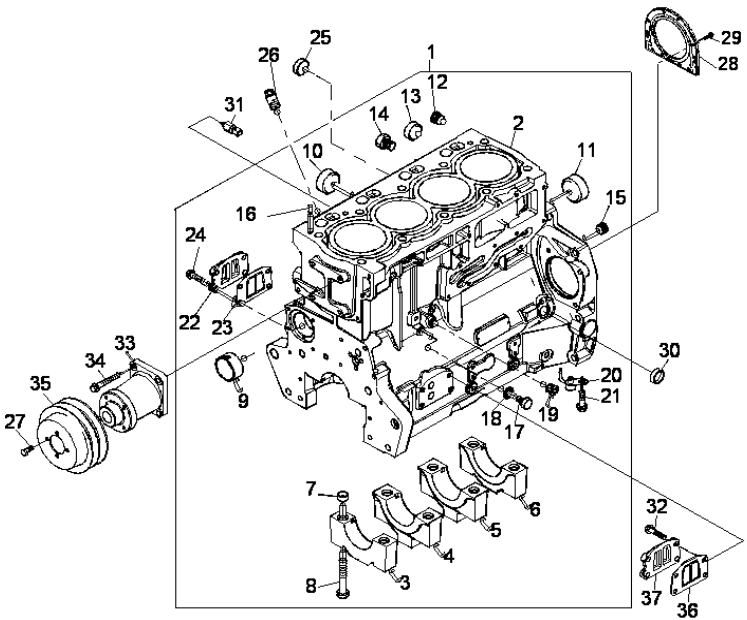
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A-05
03



A0503

Cylinder block



Inglese

1	ZZ50321	●	ZZ50325(1)	1	Block
2		➡	Ref.n.1	1	Cylinder block
		!	1		
3		!	1	1	Bearing
		➡	Ref.n.1		
4		!	1	1	Bearing
		➡	Ref.n.1		
5		!	1	1	Bearing
		➡	Ref.n.1		
6		!	1	1	Bearing
		➡	Ref.n.1		
7	33142111	!	1	10	Manicott
8	32166329	!	1	10	Screw
9	3112D071	!	1	1	Bush
		●	3112D075(1)		
10	3241A011	!	1	2	Plug
11	3241A012	!	1	1	Plug
12	0650588	!	1	1	Plug
13	0650710	!	1	1	Plug
14	32141316	!	1	1	Plug
15	3212P008	!	1	1	Plug
16	3244A009	!	1	2	Dowel
17	2314C049	!	1	1	Screw
18	2415D053	!	1	1	Washer
19	0650594	!	1	1	Plug

Engine

F/XL Techno Tier 3 (2008-2009) - RP54 - F 80 GE/XL

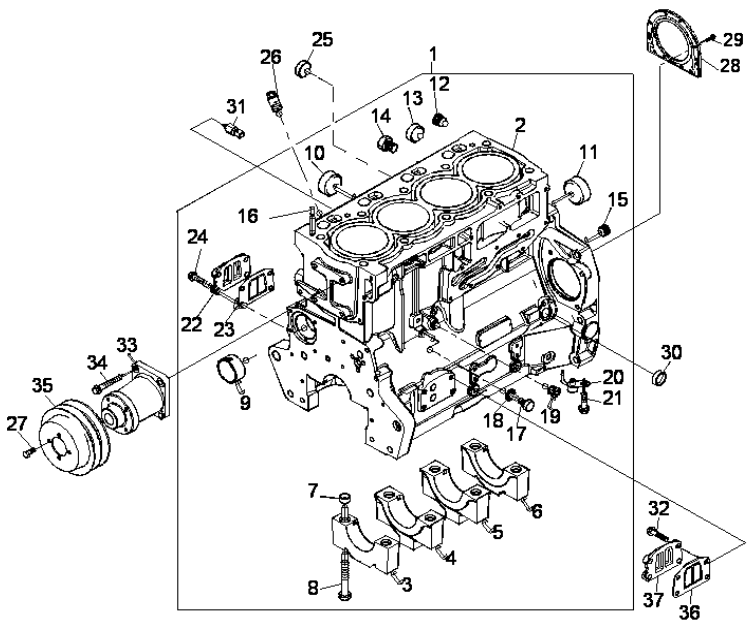
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A-05
03



A0503

Cylinder block



Inglese

20	2113A003	!	1	4	Atomiser
21	2314F001	!	1	4	Screw
22	3753A071	!	1	1	Coperch.
23	3688A041	!	1	1	Gasket
24	2314H034	!	1	4	Screw
25	2485A108			1	Plug
26	3212V006			1	Plug
27	2314C044			4	Screw
28	2418F704	(X)	0.1.3. T-A 11:0	1	Housing
29	3211C002			10	Screw
30	2485A109			1	Plug
31	2848A051	A		1	Pressure switch
32	2314H034			4	Screw
33	4113K005	T-A	2:0	1	Housing
34	2314J005			4	Screw
35	3115C113			1	Pulley
36	3688A041			1	Gasket
37	3753A071			1	Coperch.

! 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

A Oil pressure

Engine

F/XL Techno Tier 3 (2008-2009) - RP54 - F 80 GE/XL

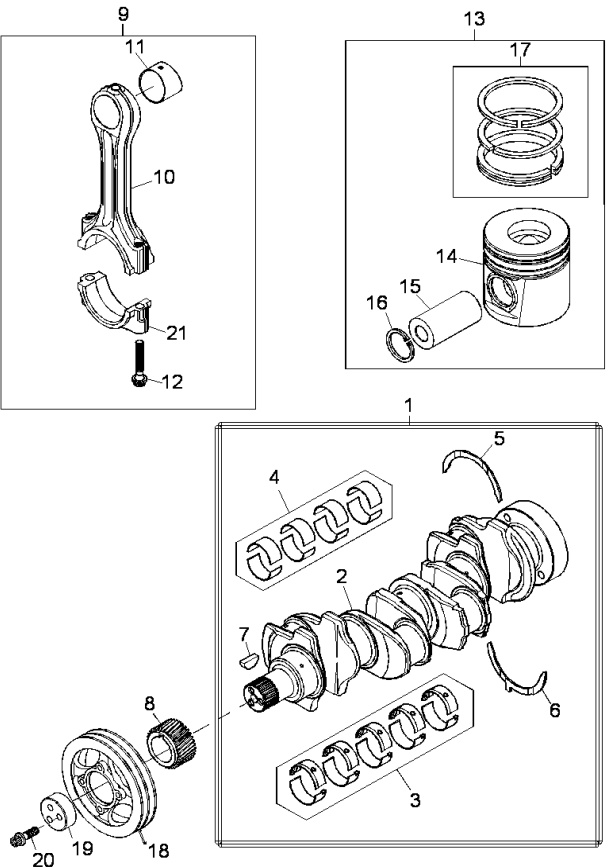
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A-05
04



A0504

Crankshaft, pistons and connecting rods



Inglese

1	ZZ90222	➡	U056074 t	1	Kit
		●	ZZ90239(1)		
1	ZZ90222P	➡	U056074 t	1	Kit
		●	N.L.A.(1)		
1	ZZ90237	➡	U056075 t	1	Shaft
2		!	1	1	Crankshaft
		➡	Ref.n.1		
3	U5MB0018	!	1	1	Kit
		➡	U056074 t		
		●	U5MB0033(1)		
		T-A	18:50		
3	U5MB0018A	⚡	(+)0.010"	1	Kit
		!	1		
		➡	U056074 t		
		●	U5MB0033A(1)		
		T-A	18:50		
3	U5MB0018B	⚡	(+)0.020"	1	Kit
		!	1		
		➡	U056074 t		
		●	U5MB0033B(1)		
		T-A	18:50		
3	U5MB0018C	⚡	(+)0.030"	1	Kit
		!	1		
		➡	U056074 t		
		●	N.L.A.(1)		
		T-A	18:50		

Engine

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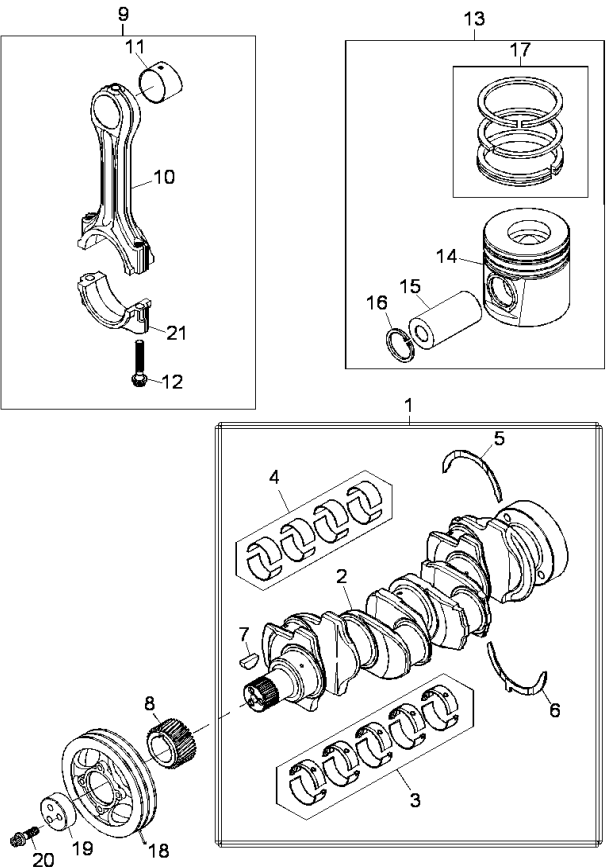
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A-05
04



A0504

Crankshaft, pistons and connecting rods



Inglese

3	U5MB0033	!	1	1 Kit
		➔	U056075 t	
3	U5MB0033A	!	1	1 Kit
		⌵	-0,25mm	
		➔	U056075 t	
3	U5MB0033B	!	1	1 Kit
		⌵	-0,50mm	
		➔	U056075 t	
3	U5MB0033C	!	1	1 Kit
		⌵	-0,75mm	
		➔	U056075 t	
		●	N.L.A.(1)	
4	T400002	!	1	1 Kit
		➔	U056075 t	
		●	T410927(1)	
4	U5ME0026	!	1	1 Kit
		➔	U056074 t	
		●	U5ME0034(1)	
4	U5ME0026A	!	1	1 Kit
		⌵	(+)0.25 mm	
		➔	U056074 t	
		●	U5ME0034A(1)	
4	U5ME0026B	!	1	1 Kit
		⌵	(+)0.50 mm	
		➔	U056074 t	
		●	U5ME0034B(1)	

Engine

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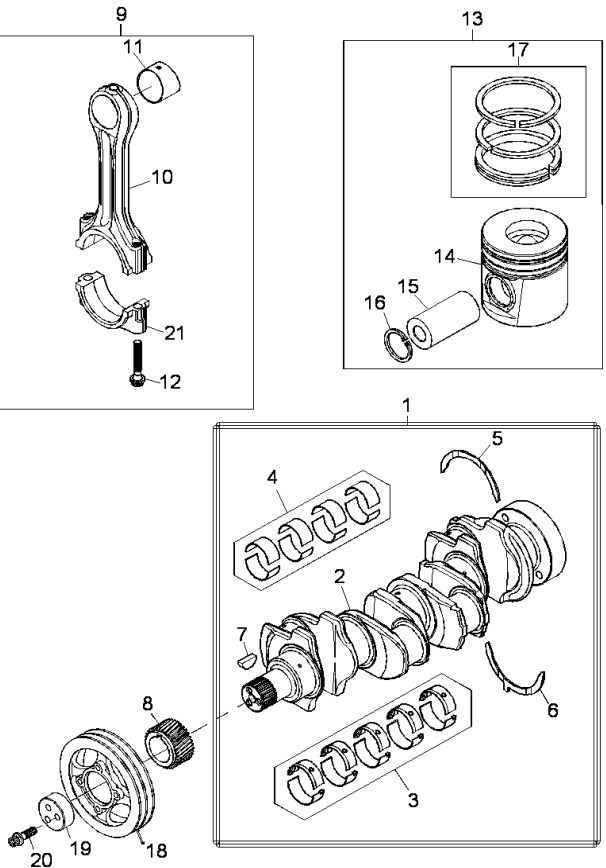
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A-05
04



A0504

Crankshaft, pistons and connecting rods



Inglese

4	U5ME0026C	!	1	1 Kit
		⚡	(+)0.75 mm	
		➡	U056074 t	
		●	U5ME0034C(1)	
5	31137312	⚡	(+)0.007"	2 Ring
		!	1	
		T-A	18:50	
5	31137551	!	1	2 Washer
		T-A	18:50	
6	31137322	⚡	(+)0.007"	2 Ring
		!	1	
		T-A	18:50	
6	31137561	!	1	2 Washer
		T-A	18:50	
7	0500012	!	1	1 Key
8	3117C221	T-A	13:0	1 Gear
9	4115C311	➡	U056074 t	4 Kit
		F		
		T-A	17:0	
9	4115C312	➡	U056074 t	4 Kit
		E		
		T-A	17:0	
9	4115C313	➡	U056074 t	4 Kit
		D		
		T-A	17:0	

Engine

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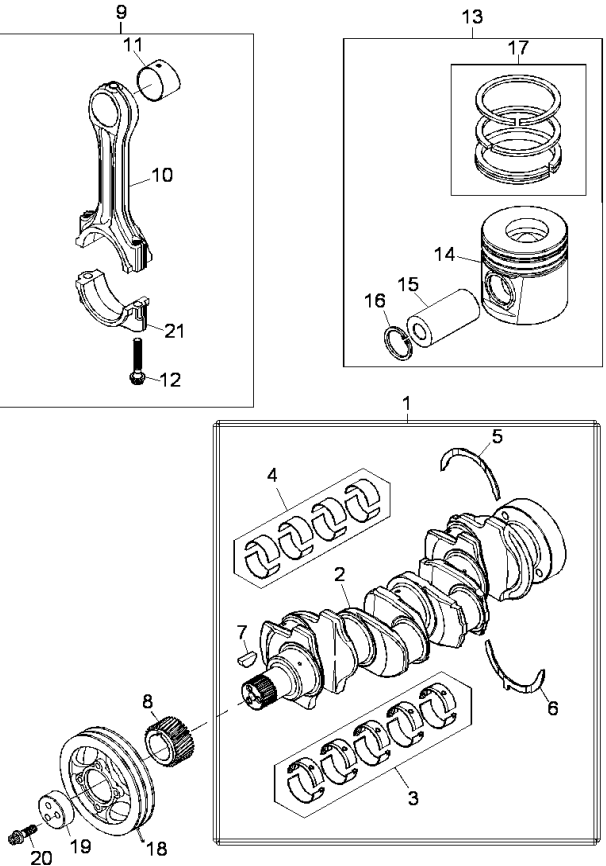
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A0504

Crankshaft, pistons and connecting rods



Inglese			
9	4115C314	➡	U056074 t
	C		4 Kit
	T-A	17:0	
9	4115C315	➡	U056074 t
	B		4 Kit
	T-A	17:0	
9	4115C316	➡	U056074 t
	A		4 Kit
	T-A	17:0	
9	4115C361	➡	U056075 t
	F		4 Conrod
9	4115C362	➡	U056075 t
	E		4 Conrod
9	4115C363	➡	U056075 t
	D		4 Conrod
9	4115C364	➡	U056075 t
	C		4 Conrod
9	4115C365	➡	U056075 t
	B		4 Conrod
9	4115C366	➡	U056075 t
	A		4 Conrod
10	!	9	1 Conrod
	➡	Ref.n.9	
11	3112A005	!	9
	T-A	17:0	1 Bush

Engine

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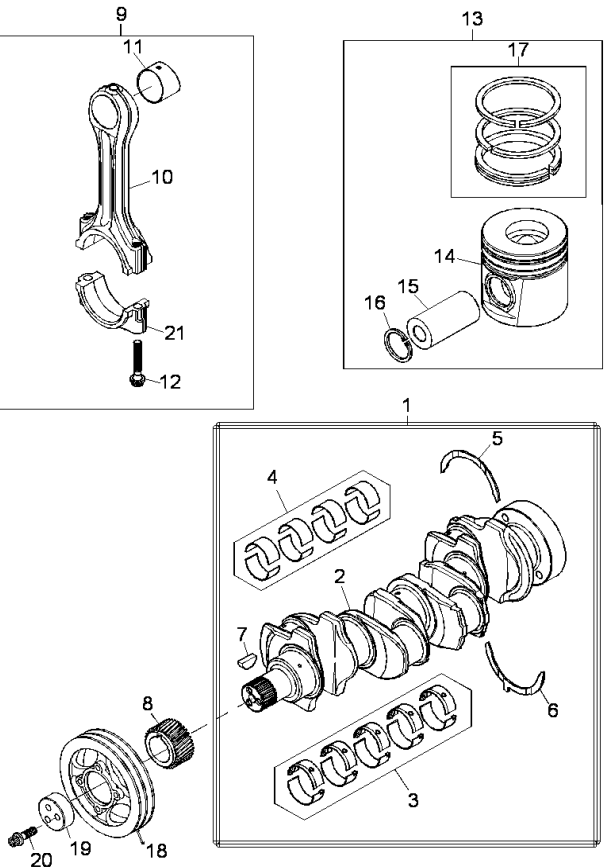
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A0504

Crankshaft, pistons and connecting rods



Inglese

12	3212V003	!	9	2	Screw
		➡	U056074 t		
12	T400001	!	9	2	Screw
		➡	U056075 t		
13	U5PR0063			4	Kit
14		!	13	1	Piston
		📦	Ref.n.13		
15		!	13	1	Pin
		📦	Ref.n.13		
16	2721332	!	13	2	Ring
17	UPRK0003	!	13	1	Kit
		(X)	1.2.5.		
		T-A	17:0		
18	3115A141	➡	U056075 t	1	Pulley
18	3115T051	➡	U056074 t	1	Pulley
		T-A	2:0		
19	3241N001	➡	U056074 t	1	Block
		T-A	2:0		
20	32186137	➡	U056074 t	3	Screw
20	32186146	➡	U056075 t	1	Bolt
21		!	9	1	Cover
		📦	Ref.n.9		

- ! This is a component of an assembly
- ➡ From serial or engine number
- ➡ Up to serial or engine number
- 📦 Not serviced, order
- ⚡ Shim

Engine

F/XL Techno Tier 3 (2008-2009) - RP54 - F 80 GE/XL

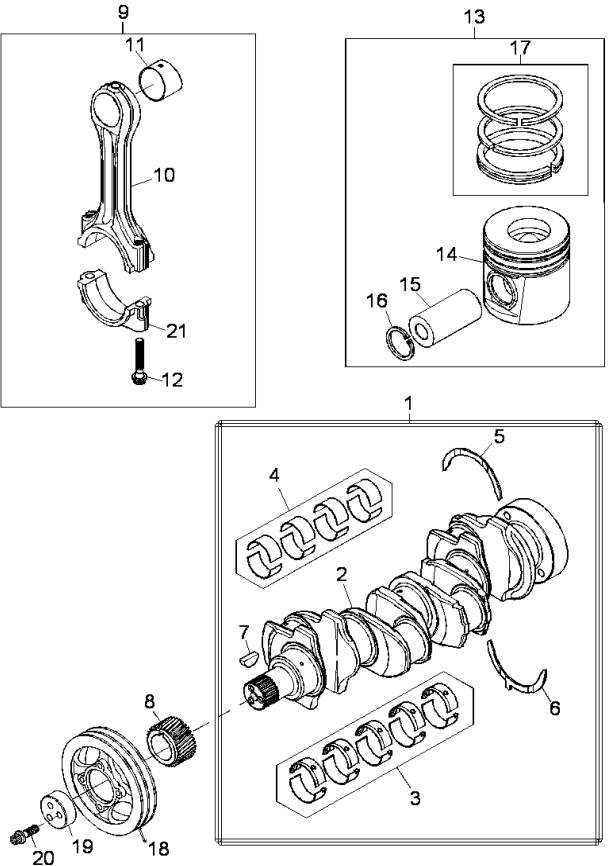
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A-05
04



A0504

Crankshaft, pistons and connecting rods



- 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
- A Blue
- B Purple
- C Green
- D White
- E Orange
- F Red

Engine

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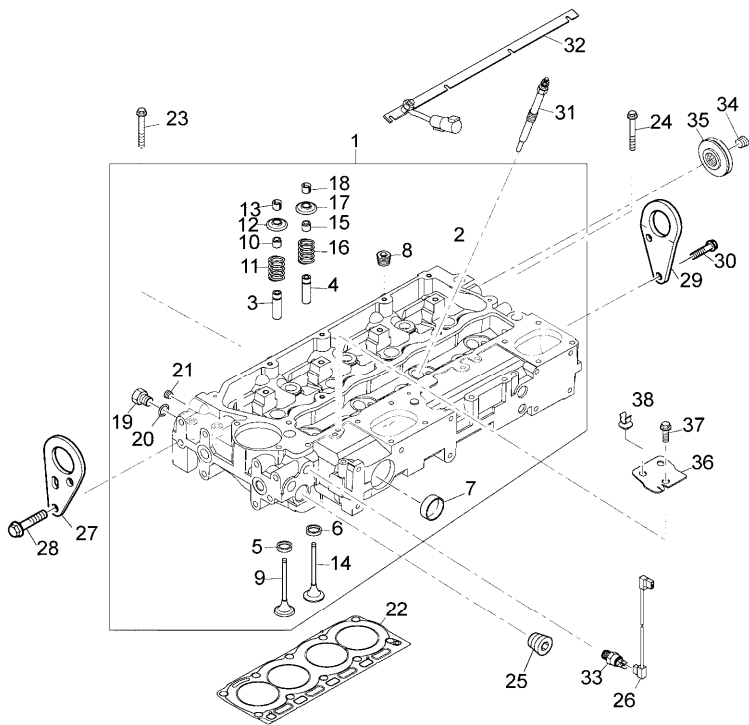
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A-05
05



A0505

Cylinder head



1	ZZ80281		
2		!	33
			Ref.n.1
3	3313A012	!	33
		T-A	7:50
4	3313A012	!	33
		T-A	7:50
5	3314A221	!	33
6	3314A231	!	33
7	32416117	!	33
		T-A	1:0
8	0650588	!	33
		T-A	0:50
9	3142H101	!	33
10	2418M519	!	33
		A	
11	3174A031	!	33
			T417479(4)
12	3342A021	!	33
13	2714A002	!	33
14	3142A171	!	33
15	2418M517	!	33
		B	
16	3174A031	!	33
			T417479(4)
17	3342A021	!	33

Inglese

1	Cylinder head
1	Head
4	Insert
4	Insert
4	Insert
4	Insert
2	Plug
4	Plug
4	Valve
4	Ring
4	Spring
4	Coperch.
8	Collar
4	Valve
4	Ring
4	Spring
4	Coperch.

Engine

F/XL Techno Tier 3 (2008-2009) - RP54 - F 80 GE/XL

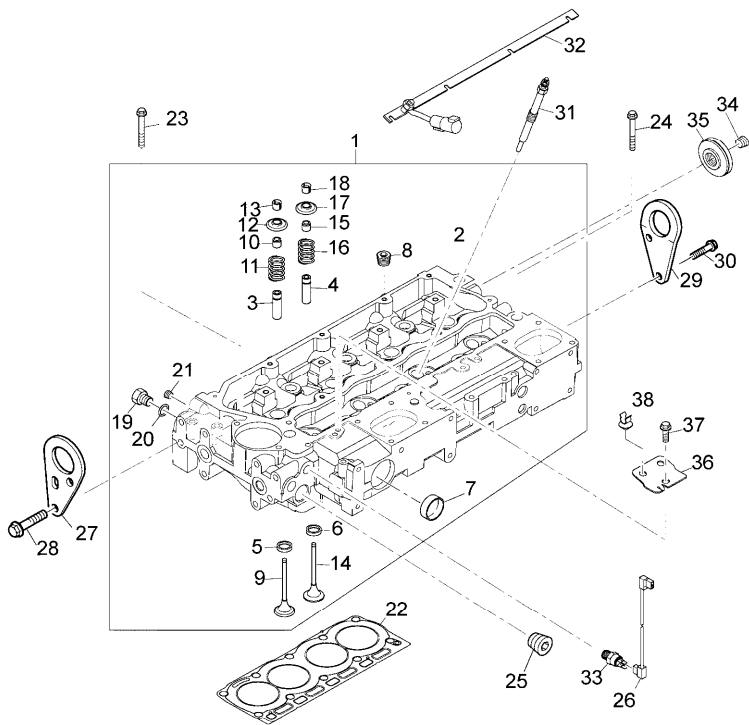
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A-05
05



A0505

Cylinder head



18 2714A002 ! 33

19 3278A006 ! 33

20 2415H003 ! 33

21 2431154 ! 33

22 3681E051

23 3218A011

24 3218A012

25 2431154

26 3161C017

27 3617A015

28 2314J002

29 3647A007

30 2314J002

31 2666A016 T-A 0:75

32 3161C054  T409642(1)

33 2848A123 C

T-A 0:25

34 2431154

35 3342A701

36 3653A017

37 2314H002

38 2481D456

! This is a component of an assembly

 Not serviced, order

 Replacement

Inglese

8 Collar

1 Plug

1 Ring

1 Plug

1 Gasket

7 Screw

3 Screw

1 Plug

1 Cable

1 Stirrup

2 Screw

1 Stirrup

2 Screw

4 Spark plug

1 Bar

1 Sensor

1 Plug

1 Connection

1 Stirrup

1 Screw

1 Clip

Engine

F/XL Techno Tier 3 (2008-2009) - RP54 - F 80 GE/XL

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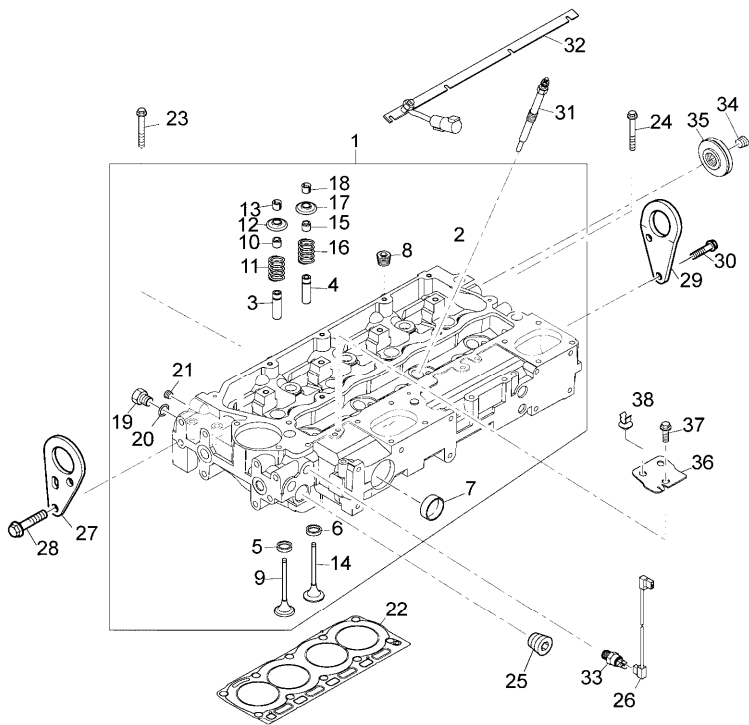
A-05
05



A0505

Cylinder head

T-A Replacement
A Green
B Brown
C Water temperature



Engine

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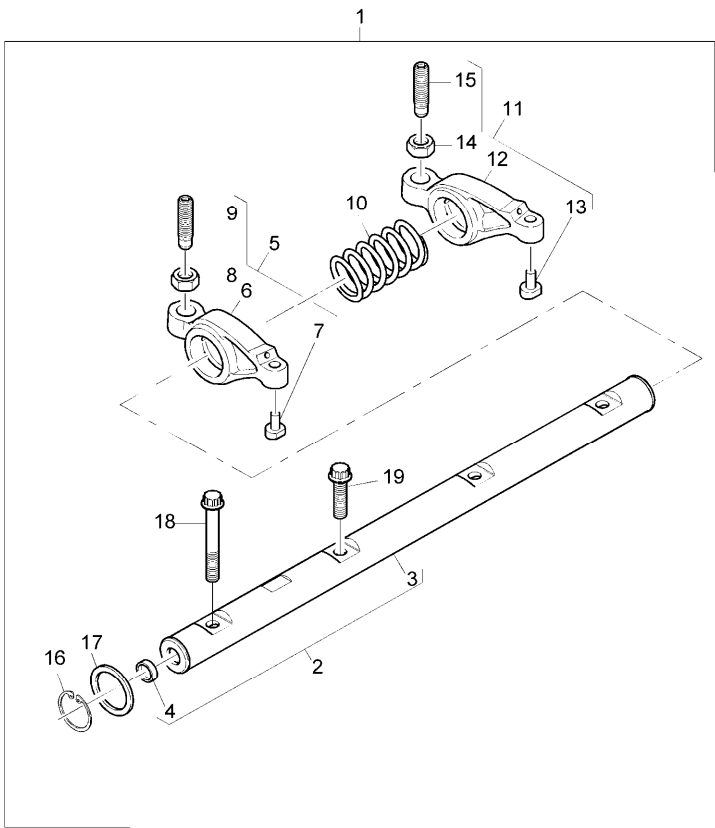
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A-05
06



A0506

Rocker shaft



1 4115R613

2 4115R703

3

4 2485A104

5 4115R319

6

7

8 3331A006

9 3211C004

10 3174A015

11 4115R318

12

13

14 3331A006

15 3211C004

16 2722A022

17 2134A502

!

T-A 4:0

!

➡ Ref.n.2

!

T-A 4:0

!

!

➡ Ref.n.5

!

➡ Ref.n.5

!

!

!

T-A 4:0

!

!

➡ Ref.n.11

!

➡ Ref.n.11

!

!

!

!

T-A 4:0

Inglese

1 Axle

1 Shaft

1 Shaft

2 Plug

4 Lever

1 Rocker

1 Shim

1 Nut

1 Screw

3 Spring

4 Lever

1 Rocker

1 Shim

1 Nut

1 Screw

2 Ring

2 Washer

Engine

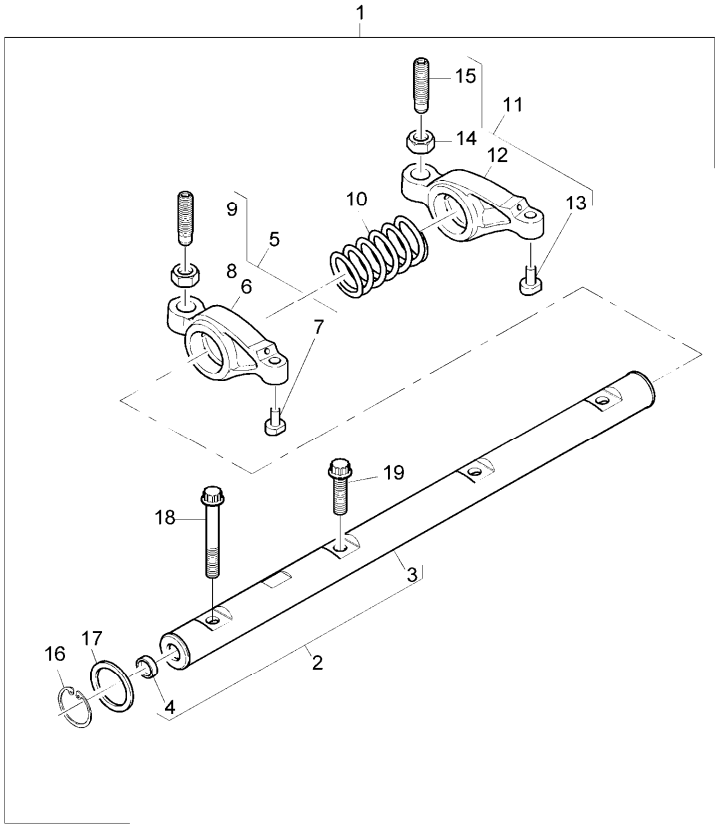
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A-05
06

A0506

Rocker shaft



Inglese			
18	2316A901	!	1
19	2316A902	!	1
!	This is a component of an assembly		
🔧	Not serviced, order		
T-A	Replacement		

Engine

F/XL Techno Tier 3 (2008-2009) - RP54 - F 80 GE/XL

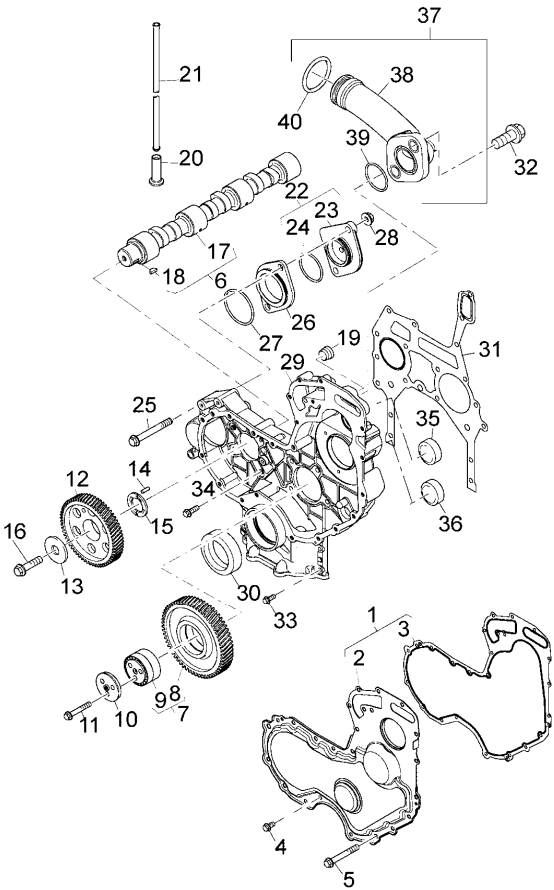
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A-05
07



A0507

Timing gear and camshaft



1	4142A503	T-A	4:50
2		!	31
		➡	Ref.n.1
3	3681P046	!	31
		(X)	0.1.3.
		T-A	4:50
4	2314H002		
5	2314H012		
6	4112K074		
7	4111A042	●	4111A048(1)
		T-A	4:75
8		!	7
		➡	Ref.n.7
9		!	7
		➡	Ref.n.7
10	3321A012	!	7
		T-A	4:75
11	2314J012		
12	3117L272	T-A	4:75
13	3321A003	T-A	4:75
14	2116053		
15	3112X011	T-A	4:75
16	2314J606		
17		!	6
		➡	Ref.n.6

Inglese

1	Kit
1	Overlay
1	Gasket
9	Screw
5	Screw
1	Shaft
1	Gear
1	Gear
1	Hub
1	Plate
3	Screw
1	Gear
1	Washer
1	Pin
1	Washer
1	Screw
1	Shaft

Engine

F/XL Techno Tier 3 (2008-2009) - RP54 - F 80 GE/XL

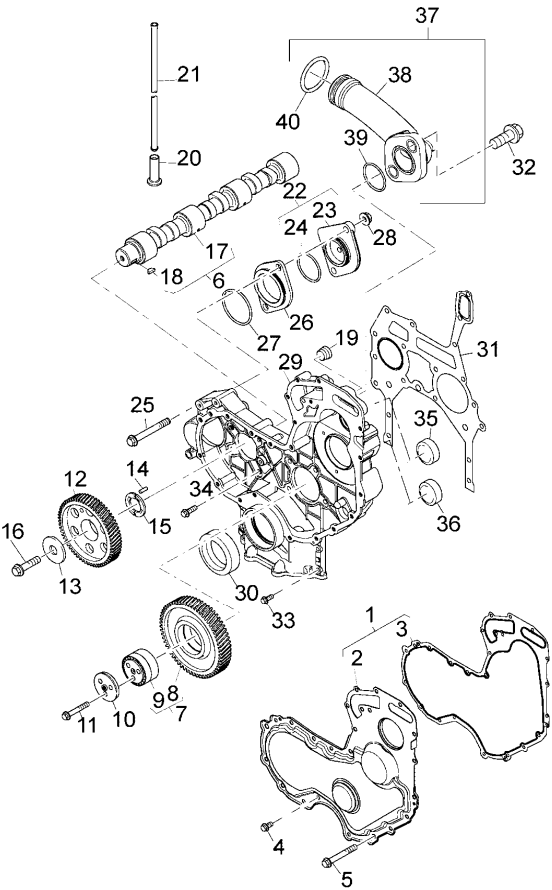
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A-05
07



A0507

Timing gear and camshaft



18	0500012	!	6
19	2431154		
20	3142U061		
21	3142V011		
22	4148K012	T-A	4:75
23		!	22
		➡	Ref.n.22
24	2415H515	T-A	4:75
25	2314J014		
26	3617a044	T-A	4:75
27	2415H516	T-A	4:75
28	2318A604		
29	3716C581	T-A	4:75
30	2418F437	(X)	0.1.3.
		T-A	4:75
31	3681P053	T-A	4:75
32	2314H003		
33	2314H003		
34	2314H034		
35	2485A124		
36	2485A118		
37	4133L048		
38		!	37
		➡	Ref.n.37

Inglese

1	Key
1	Plug
8	Tappet
8	Rod
1	Plate
1	Plate
1	Ring
2	Screw
1	Disc
1	Ring
2	Nut
1	Housing
1	Seal
1	Gasket
2	Screw
8	Screw
4	Screw
1	Plug
1	Plug
1	Connection
1	Connection

Engine

F/XL Techno Tier 3 (2008-2009) - RP54 - F 80 GE/XL

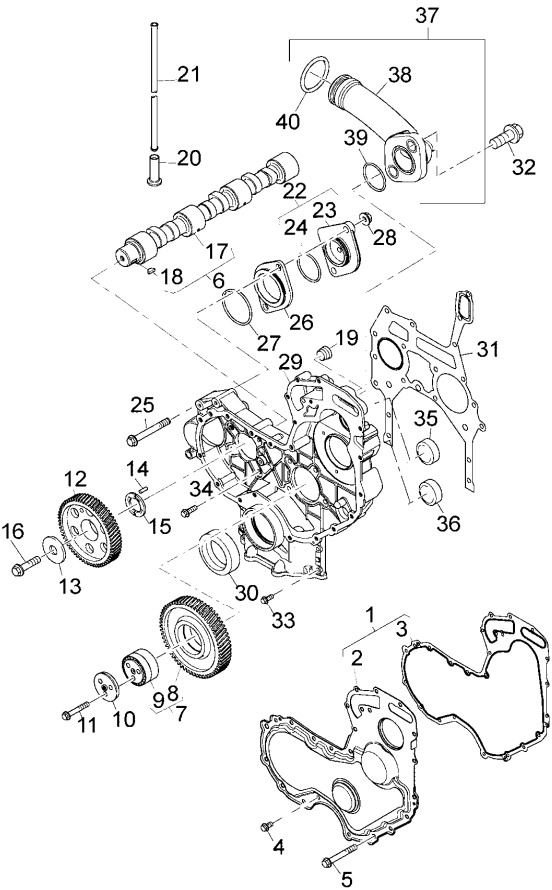
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A-05
07



A0507

Timing gear and camshaft



Inglese

39	2418F001	!	37	1	Ring
		T-A	4:75		
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

F/XL Techno Tier 3 (2008-2009) - RP54 - F 80 GE/XL

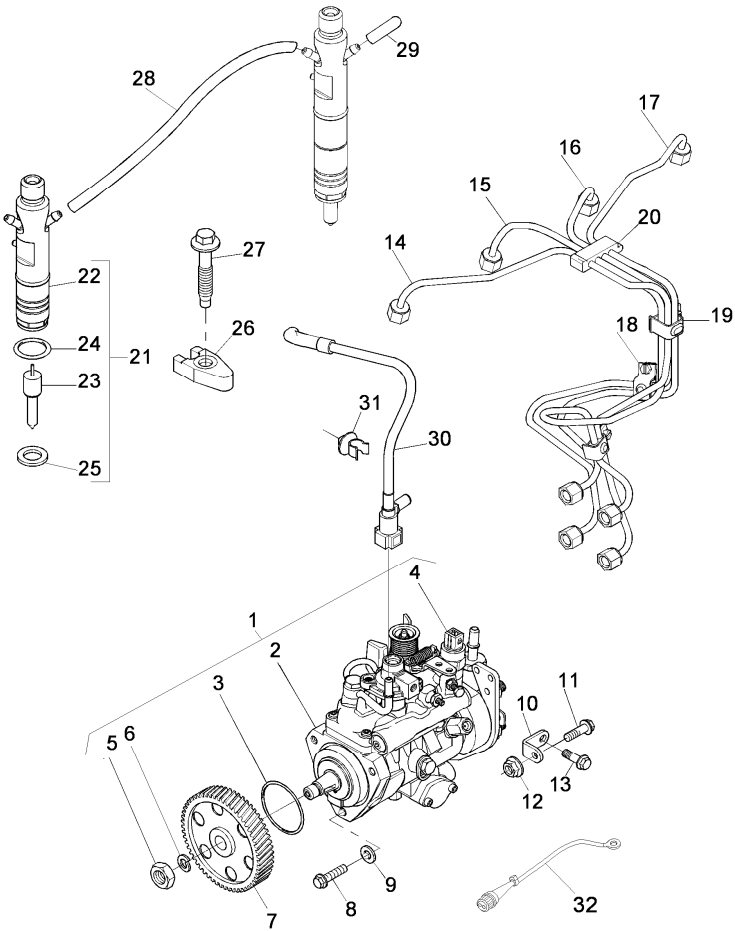
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A-05
08



A0508

Fuel injection equipment (diesel)



1 2644C319/22

2 ! 1



Ref.n.1

3 26420318 ! 1

4 26420469 ! 1

5 2318A108 ! 1

6 K134AF01 ! 1

7 3117L261

8 2314H004

9 2411D008

10 3641A007

11 2314H003

12 2318A603

13 2314J002

14 3525A101

15 3525A102

16 3525A103

17 3525A104

18 2481Y011

19 2481Y012

20 2646E019

21 2645K027

22 ! 1



Ref.n.21

21

Inglese

1 Pump

1 Pump

1 Ring

1 Solenoid

1 Nut

1 Washer

1 Gear

3 Screw

6 Washer

1 Stirrup

1 Screw

1 Nut

1 Screw

1 Pipe

1 Pipe

1 Pipe

1 Pipe

2 Clip

1 Clip

1 Clip

1 Nozzle

1 Nozzle

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