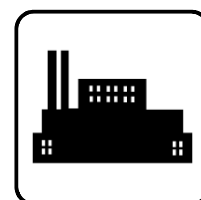


Service Parts

Engine



Engine Model:

KD83V16, 60 Hz

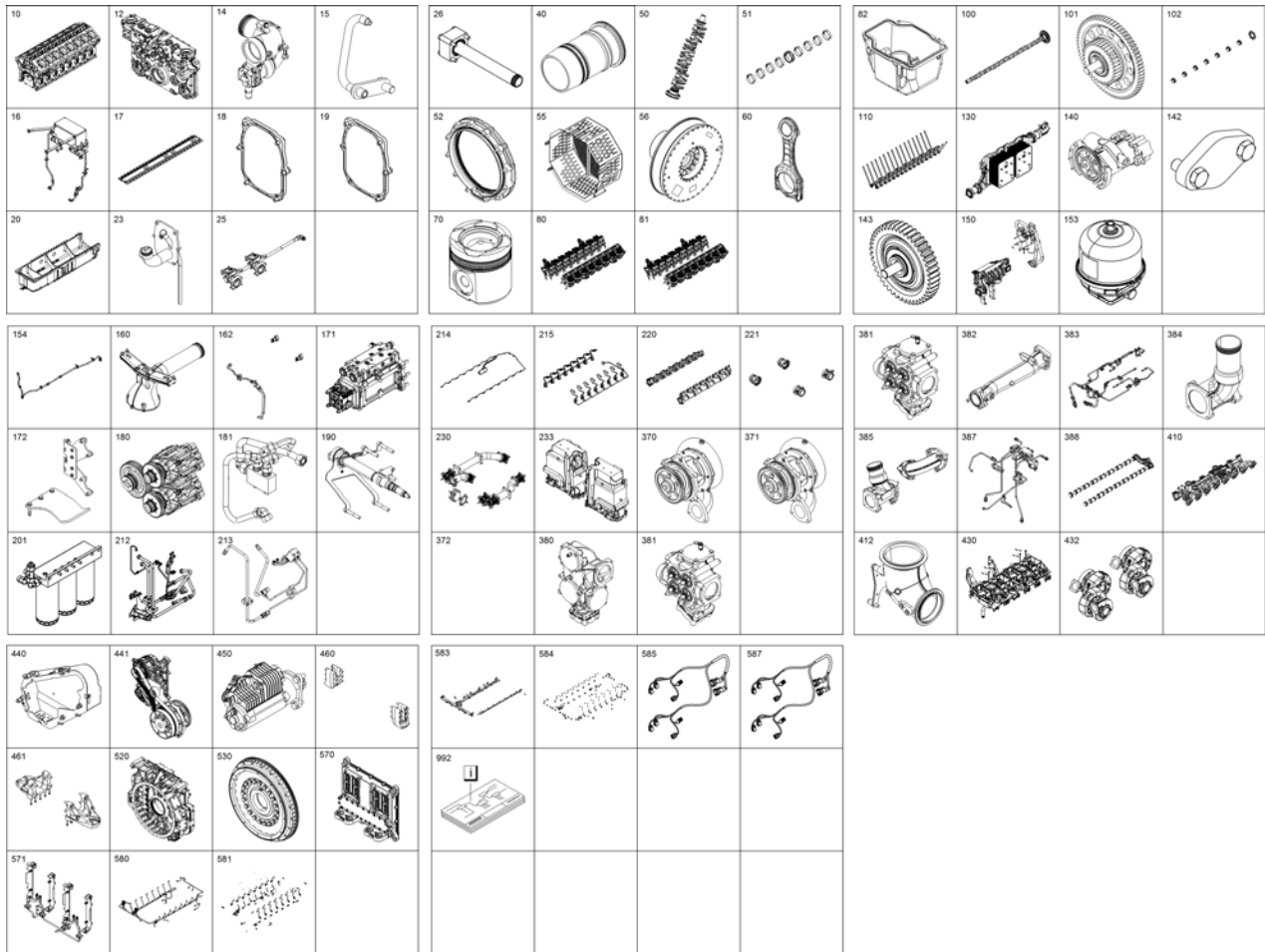
Generator Models:

KD2800

KD3000

KD3250

KOHLER®



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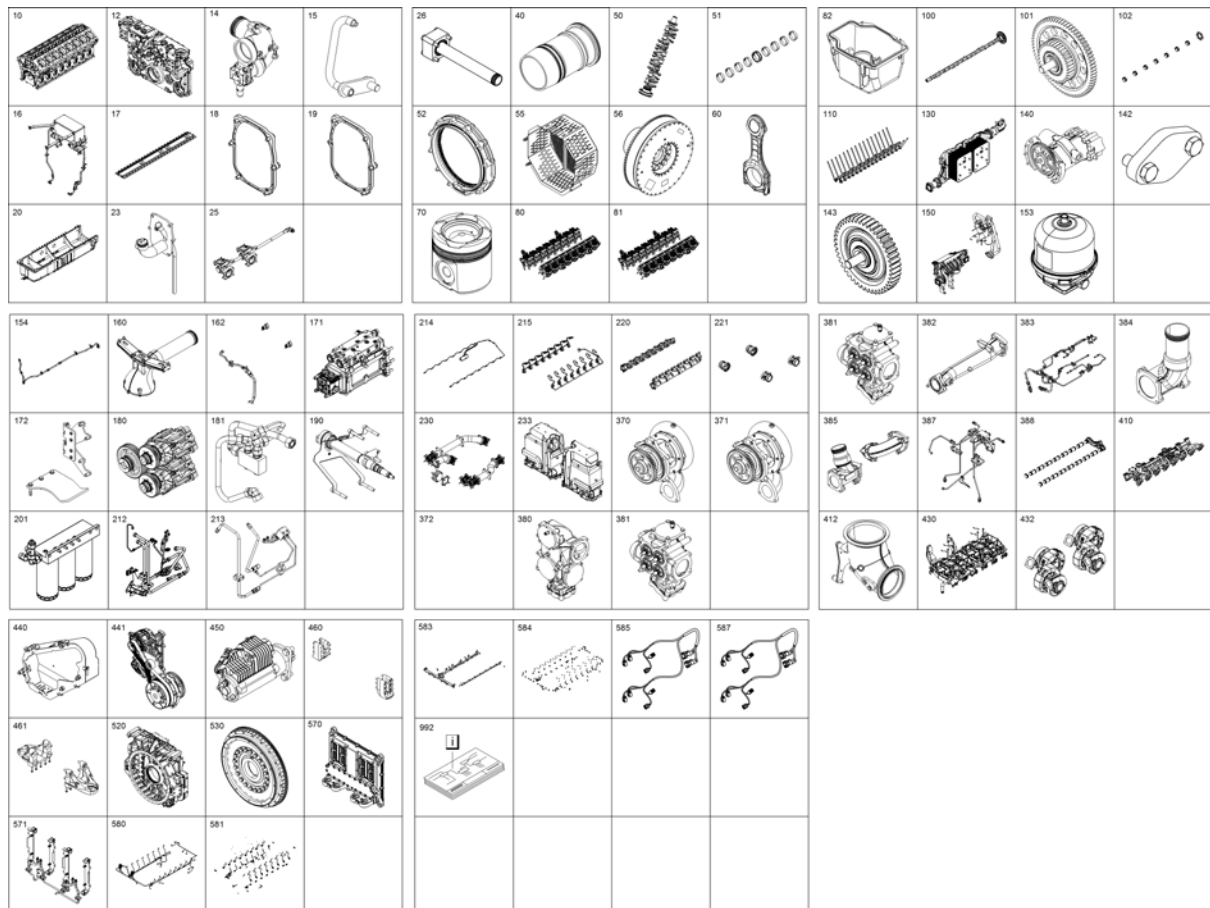
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Engine KO KD83V16

30101115301

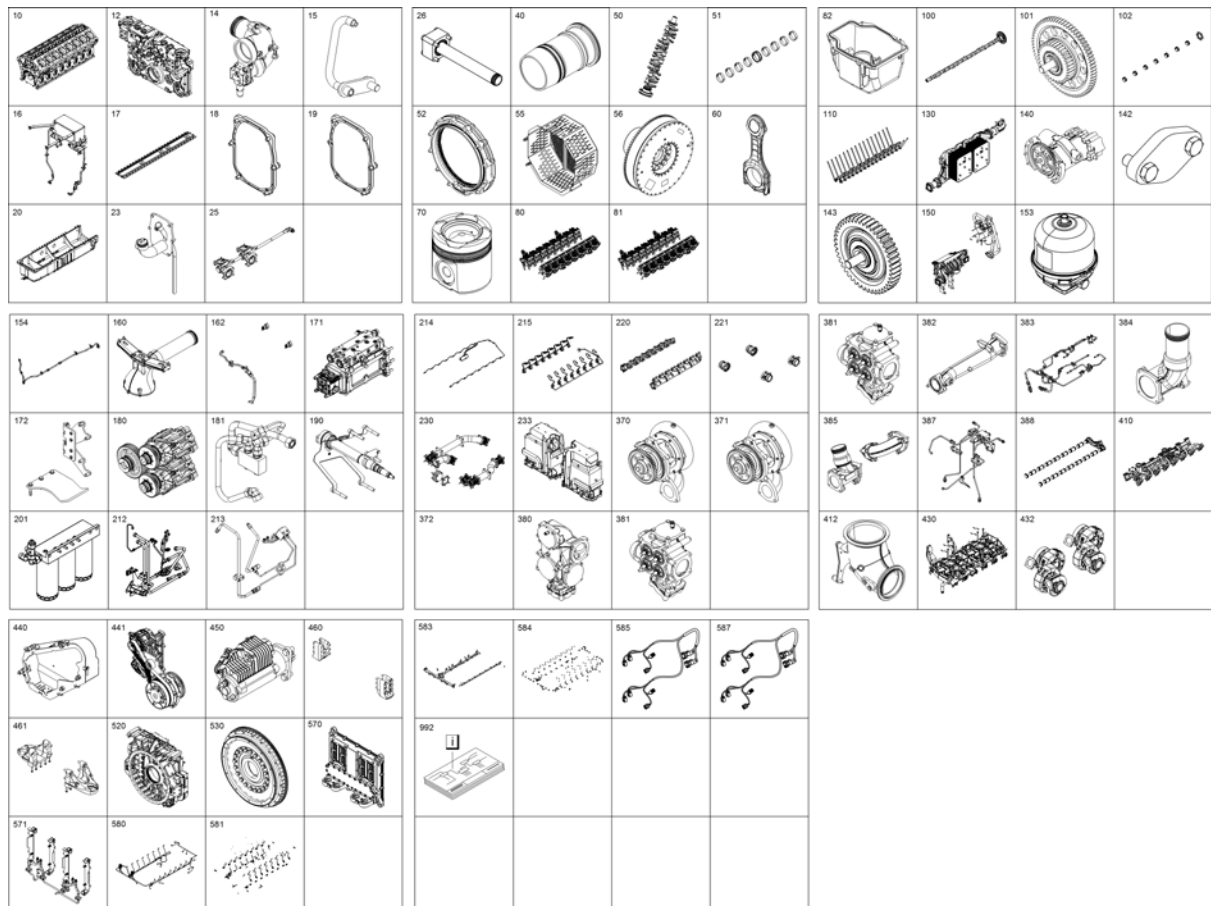
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10	230612706	-	Crankcase cpl.	1	UN		6
12	230612175	-	Power unit support attachment	1	UN		7
14	230612083	-	Final control valve	1	UN		10
15	230611734	-	Piston cooling	16	UN		11
16	230612495	-	Crankcase breather assembly	1	UN		12
17	230612733	-	Protection plate assembly	1	UN		15
18	230612043	-	Crankcase cover assembly	15	UN		16
20	230612617	-	Oil sump with fastening	1	UN		17
23	230612155	-	Oil filler inlet	1	UN		18
25	230612702	-	Console oil filter assembly	1	UN		19
26	230612141	-	Lubricating oil line add-on	1	UN		21
40	230611287	-	Cylinder liner assembly	16	UN		22
50	230612750	-	Crankshaft pre-assy.	1	UN		23
51	230612727	-	Crankshaft bearings	1	UN		24
52	230612193	-	Seal carrier	1	UN		25
55	230612177	-	Protection plate add-on	1	UN		26



Engine KO KD83V16

30101115301

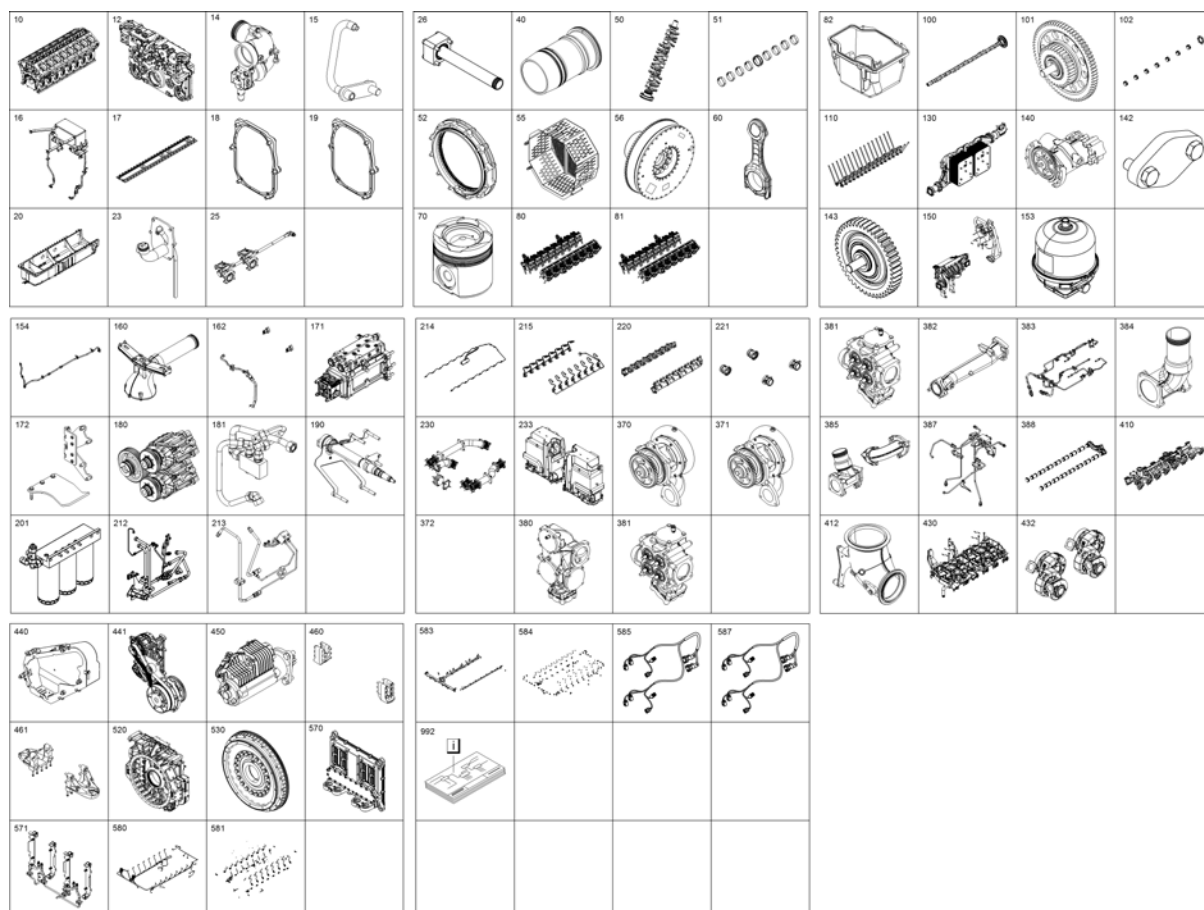
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56	230612728	-	Vibration damper	1	UN			27
60	230611286	-	Connecting rod assembly	16	UN			28
70	230612762	-	Piston cpl.	16	UN			30
80	230612705	-	Cylinder head assembly	1	UN			32
81	230612184	-	Rocker lever housing assembly	16	UN			37
82	230612048	-	Cylinder head cover assy	16	UN			38
101	230612020	-	Camshaft drive	1	UN			39
102	230612709	-	Camshaft bearing	1	UN			40
110	230612489	-	Control parts	1	UN			41
130	230612611	-	Oil cooler add-on	1	UN			47
140	230612593	-	Lube oil pump with fastening	1	UN			51
142	230611739	-	Flange assembly	1	UN			52
143	230612130	-	Intermediate gear assembly	1	UN			53
150	230612731	-	Console oil filter assembly	1	UN			54
153	230612151	-	Oil centrifuge	2	UN			58
154	230612602	-	Lubricating oil line add-on	1	UN			59



Engine KO KD83V16

30101115301

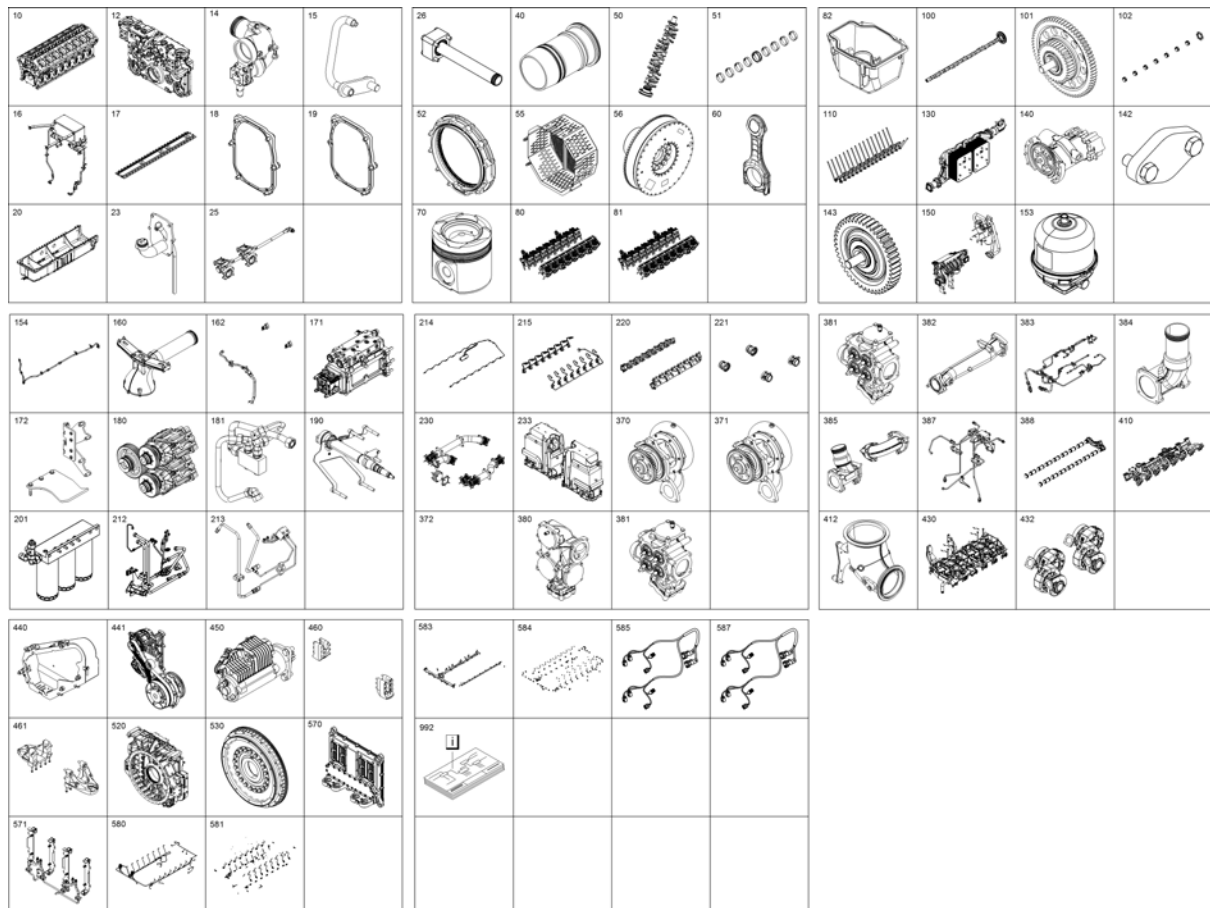
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160	230612580	-	Inlet manifold annexe	1	UN		60
162	230612603	-	Lubricating oil line add-on	1	UN		62
171	230612111	-	High pressure pump	1	UN		64
172	230612112	-	Holder	1	UN		71
180	230612065	-	Drive for high pressure pump	1	UN		73
181	230612157	-	Oil line assembly	1	UN		76
190	230612124	-	Injector	16	UN		77
201	230612738	-	Fuel fine-filter assembly	1	UN		78
212	230612735	-	Fuel lines	1	UN		79
213	230612120	-	Injection lines	1	UN		81
214	230612736	-	Fuel return pipe add-on	1	UN		85
215	230612577	-	Injection lines	1	UN		88
230	230612477	-	Charge air line assembly	1	UN		93
233	230612024	-	Charge air cooler assembly	1	UN		96
330	230612071	-	End cover	1	UN		97
370	230612707	-	Water pump assembly ht	1	UN		98



Engine KO KD83V16

30101115301

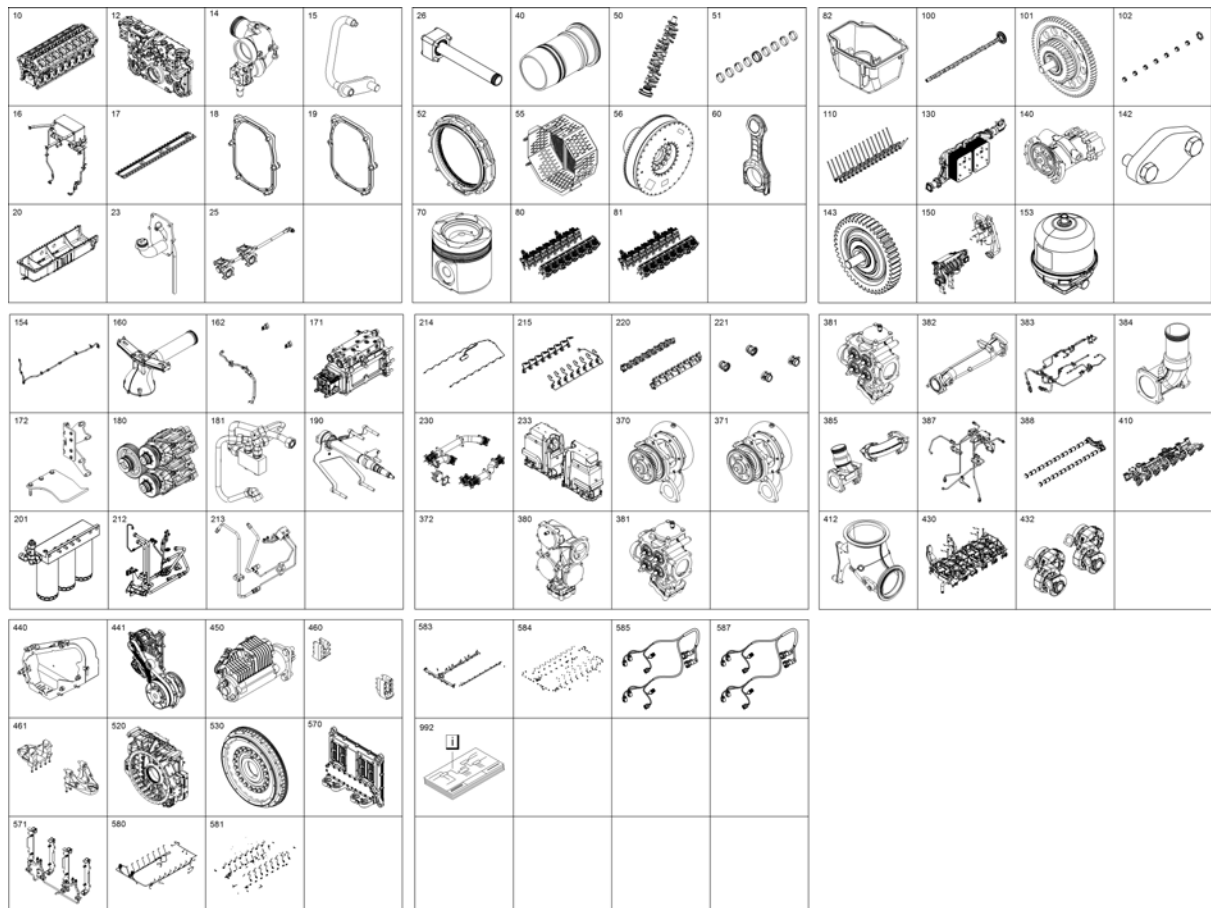
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371	230612708	-	Water pump assembly lt	1	UN		100
372	230612131	-	Intermediate gear assembly	2	UN		102
380	230612766	-	Thermostat housing ht assembly	1	UN		103
381	230612206	-	Thermostat housing lt assembly	1	UN		104
382	230612038	-	Cooling medium pipeline HT	1	UN		105
383	230612490	-	Cooling medium pipeline lt	1	UN		106
384	230612036	-	Coolant connector HT	1	UN		110
385	230612037	-	Coolant connector LT	1	UN		111
387	230612213	-	Vent tube assembly	1	UN		112
410	230612523	-	Exhaust pipe assembly	1	UN		115
412	230612080	-	Exhaust nozzle attachment	4	UN		117
430	230612655	-	Turbo-charger assembly	1	UN		118
432	230612740	-	Turbo-charger assembly	1	UN		124
440	230612178	-	Protection plate add-on	1	UN		125
441	230612094	-	Generator add-on	1	UN		126
450	230612203	-	Starter installation	2	UN		130



Engine KO KD83V16

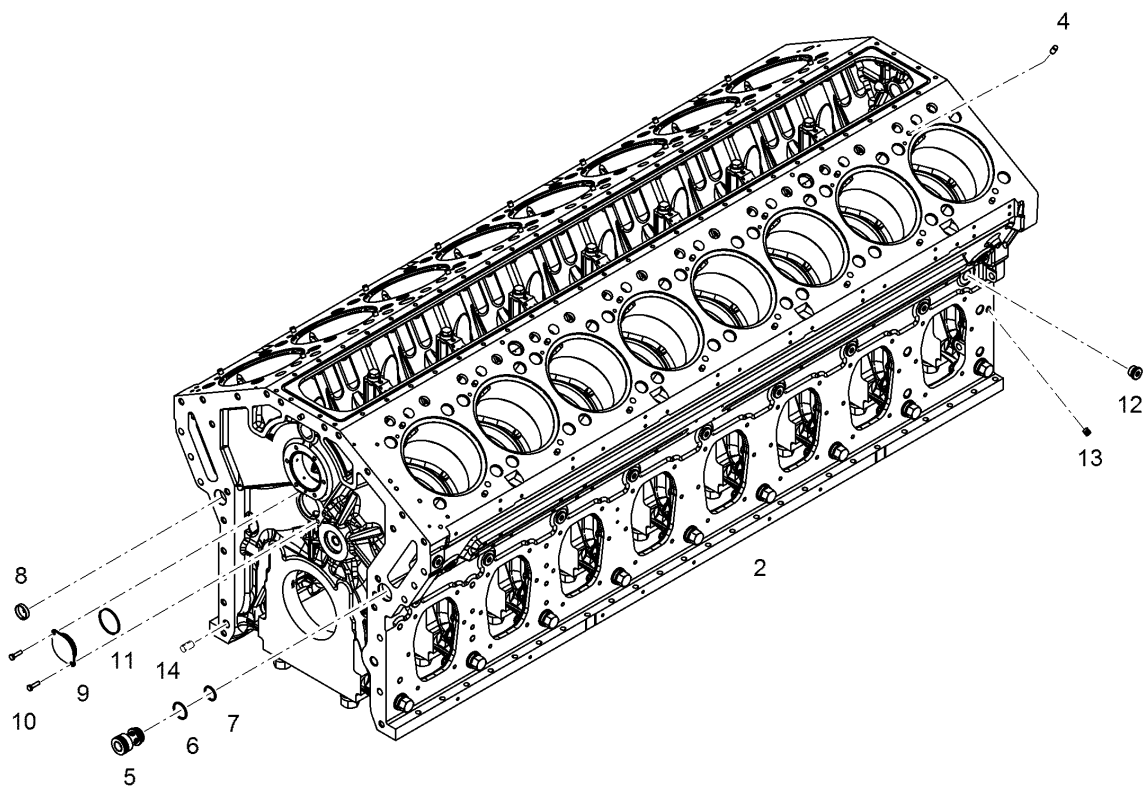
30101115301

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
460	230612147	-	Motor bracket	1	UN		131
461	230612148	-	Motor bracket	1	UN		132
520	230612088	-	Flywheel housing mounting	1	UN		133
530	230612086	-	Flywheel assembly	1	UN		136
570	230612760	-	Motor control device	2	UN		138
571	230612488	-	Control box annexe	1	UN		139
580	230612466	-	Cable harness mounting	1	UN		
581	230612520	-	Engine control sensors	1	UN		141
583	230612471	-	Channel for cable assembly	1	UN		146
584	230612461	-	Cable attachment	1	UN		150
585	230611549	-	Cable harness mounting	1	UN		
587	230611308	-	Cable harness mounting	1	UN		
992	230612516	-	Electric scheme group	1	UN		



Crankcase cpl. 230612706

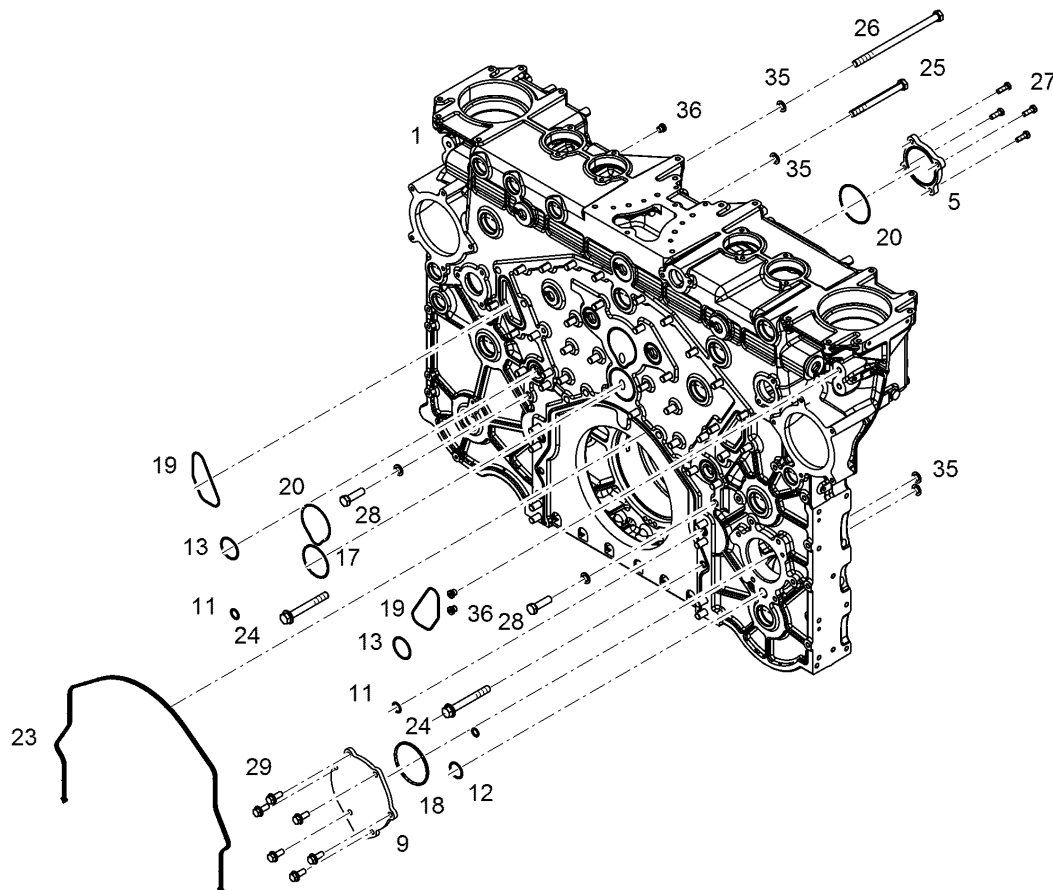
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2	230612737	-	Crankcase pre-assy.	1	UN			
4	230611612	-	Parallel pin	32	UN			
5	230611779	-	Blanking plug	1	UN			
6	230611626	-	O-ring	1	UN			
7	230611820	-	O-ring	1	UN			
8	230611613	-	End cover	5	UN			
9	230611760	-	End cover	1	UN			
10	230611659	-	Hex screw	2	UN			
11	230611089	-	O-ring	1	UN			
12	230611833	-	Screw plug	10	UN			
13	230611815	-	Sealing plug	2	UN			
14	230611669	-	Parallel pin	4	UN			



Power unit support attachment

230612175

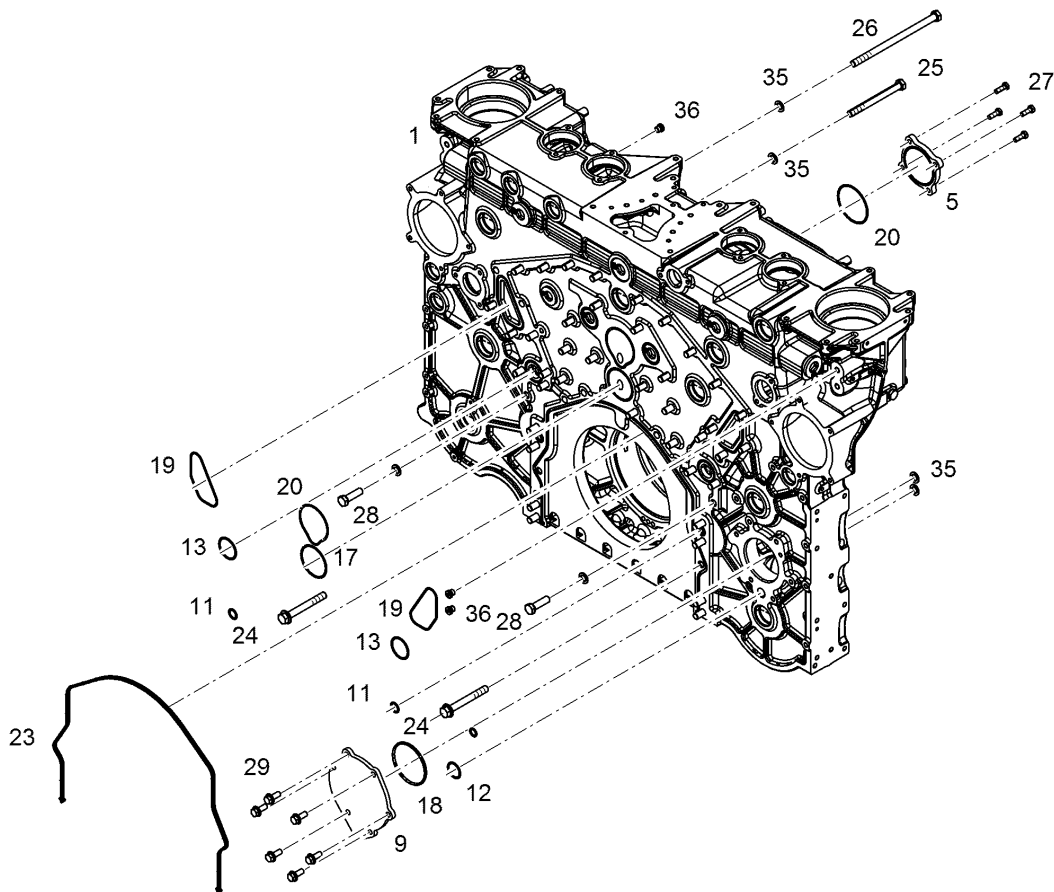
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611784	-	Aggregate support pre-assembly	1	UN		9
5	230611761	-	End cover	1	UN		
9	230611780	-	End cover	1	UN		
10	230611803	-	O-ring	1	UN		
11	230611376	-	O-ring	2	UN		
12	230611804	-	O-ring	1	UN		
13	230611824	-	O-ring	2	UN		
17	230611832	-	O-ring	1	UN		
18	230611107	-	O-ring	1	UN		
19	230611051	-	O-ring	2	UN		
20	230611446	-	O-ring	2	UN		
23	230611765	-	Cover seal	1	UN		
24	230611849	-	Hex screw	2	UN		
25	230611661	-	Hex screw	33	UN		
26	230611660	-	Hex screw	11	UN		
27	230611388	-	Hex screw	4	UN		



Power unit support attachment

230612175

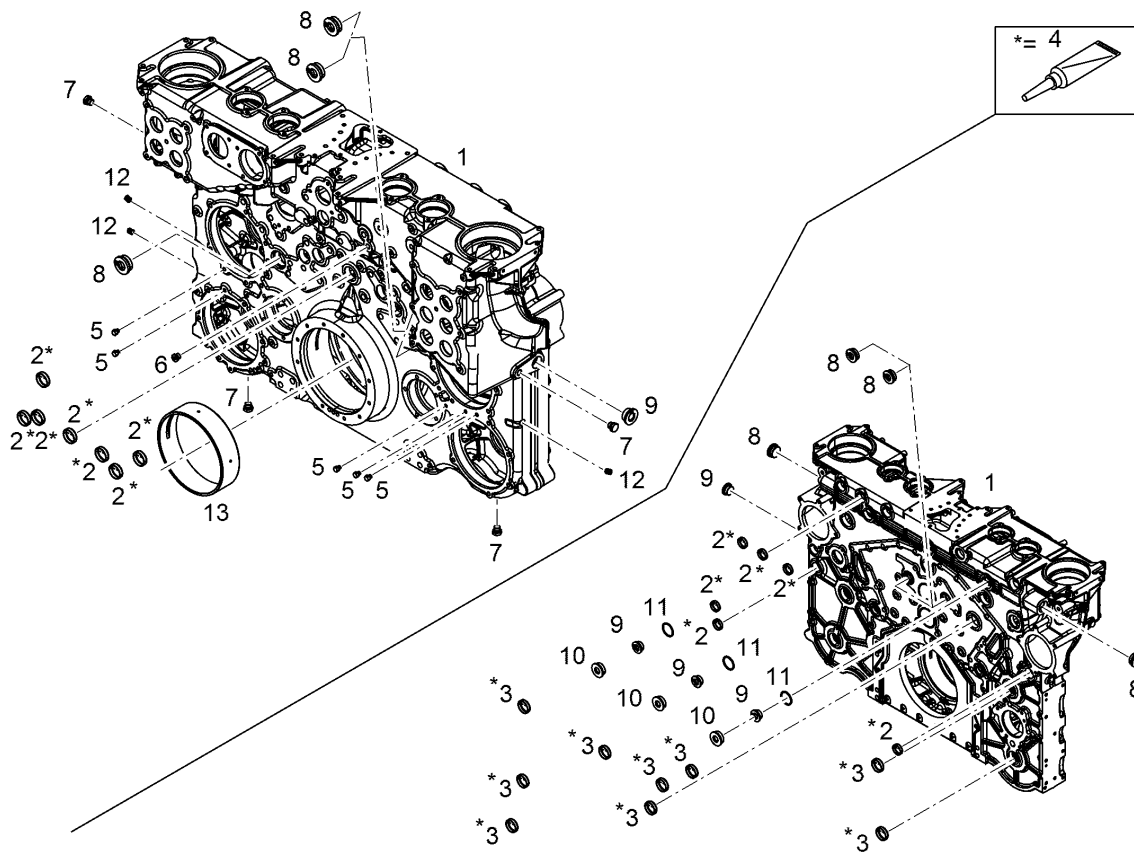
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
28	230611662	-	Hex screw	2	UN			
29	230611378	-	Hex screw	6	UN			
35	230611842	-	Washer	42	UN			
36	230611460	-	Screw plug	3	UN			



Aggregate support pre-assembly

230611784

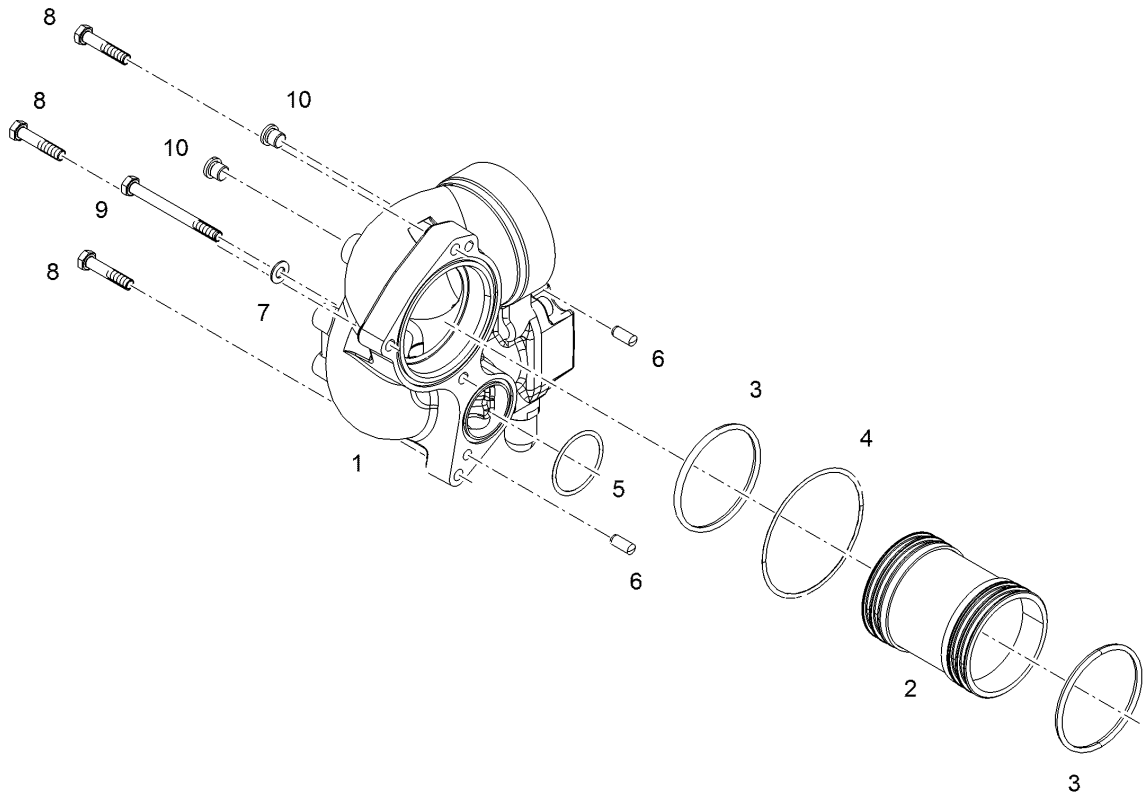
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230612713	-	Power unit support	1	UN			
2	230612072	-	End cover	15	UN			
3	230612073	-	End cover	9	UN			
4	230610431	-	Glue	1	UN			
5	230611448	-	Cap	5	UN			
6	230611410	-	Screw plug	1	UN			
7	230611825	-	Screw plug	4	UN			
8	230611900	-	Screw plug	7	UN			
9	230611834	-	Screw plug	7	UN			
10	230611855	-	Screw plug	3	UN			
12	230611815	-	Sealing plug	3	UN			
13	230611762	-	Bearing bushing	1	UN			



Final control valve

230612083

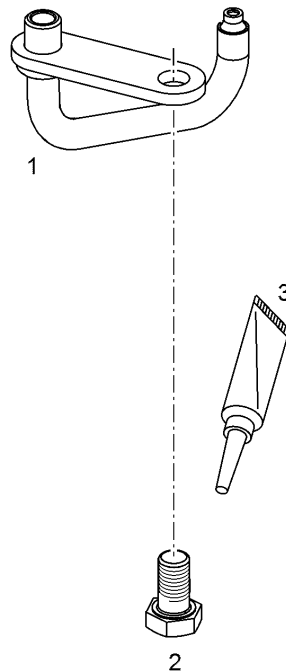
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611909	-	Pressure regulator	1	UN		
2	230611341	-	Manifold tube	1	UN		
3	230611053	-	O-ring	2	UN		
4	230611474	-	O-ring	1	UN		
5	230611415	-	O-ring	1	UN		
6	230611607	-	Pin	2	UN		
7	230611093	-	Washer	4	UN		
8	230611377	-	Screw	3	UN		
9	230611416	-	Screw	1	UN		
10	230611460	-	Screw plug	2	UN		



Piston cooling

230611734

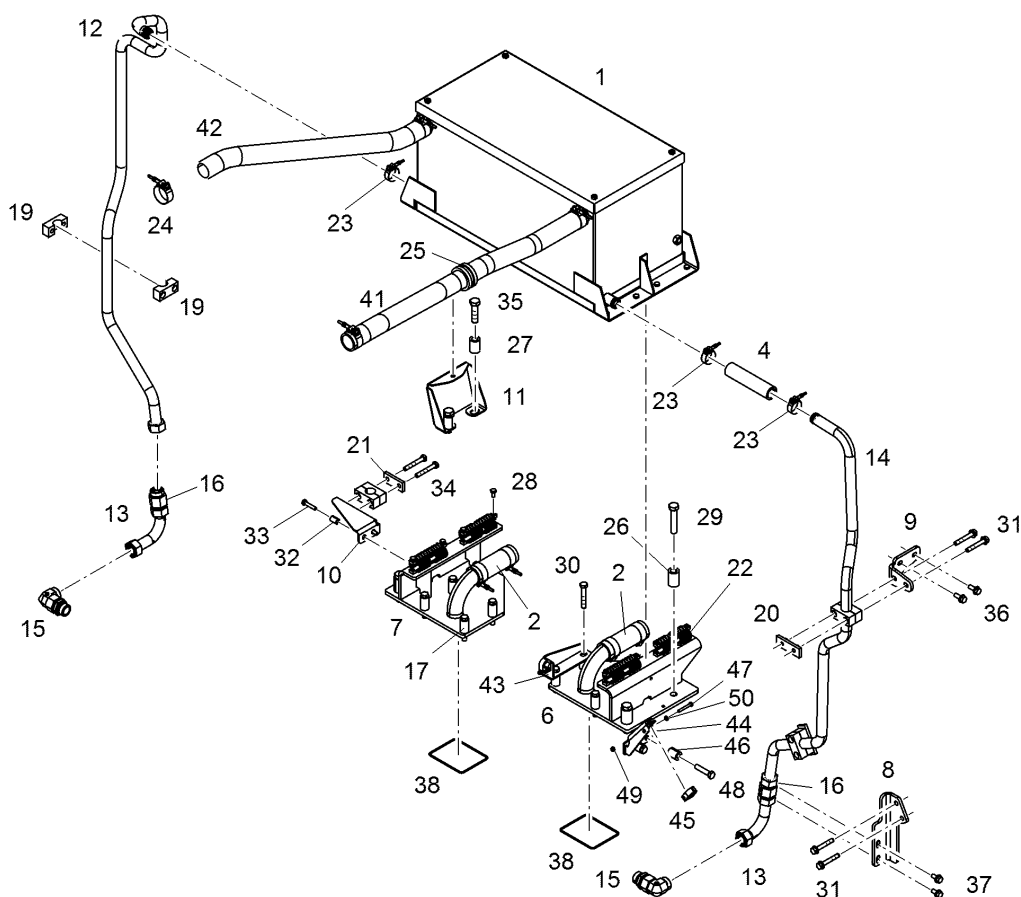
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612201	-	Spray nozzle	1	UN		
2	230611851	-	Hex screw	1	UN		
3	230611668	-	Screw locking	1	UN		



Crankcase breather assembly

230612495

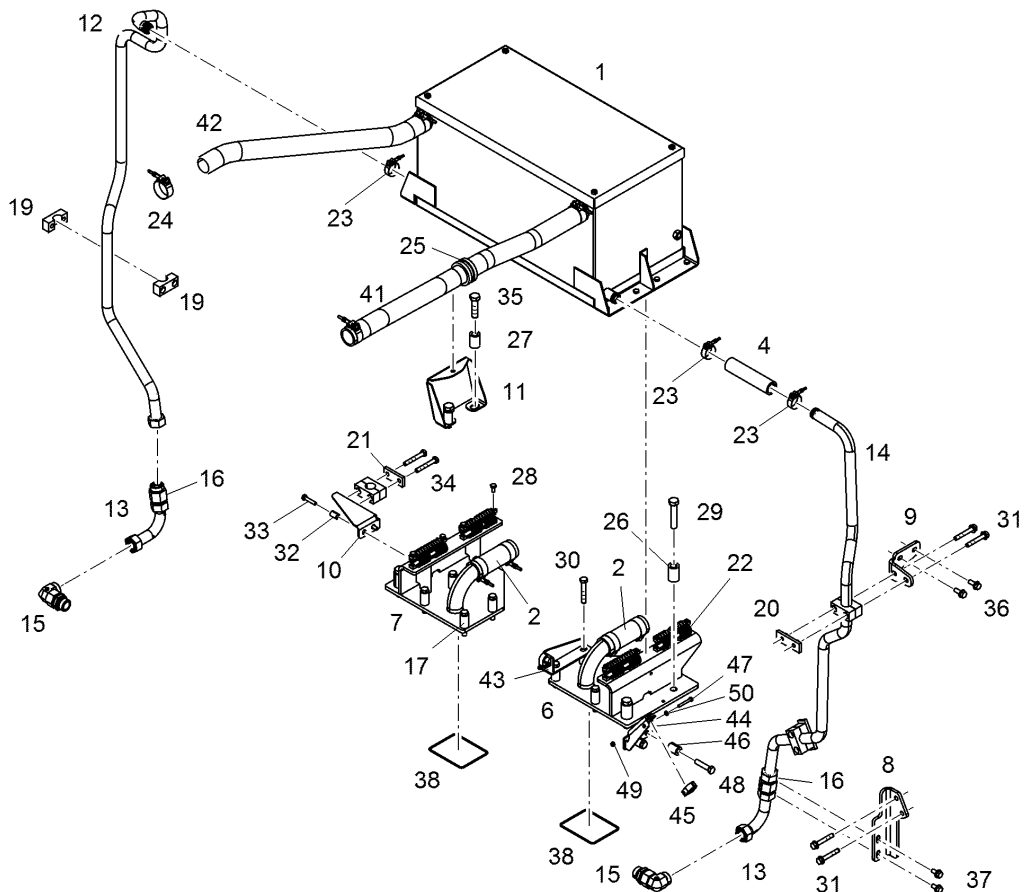
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230612524	-	Filter element	1	UN			
2	230612569	-	Hose	2	UN			
4	230612570	-	Hose	2	UN			
6	230612561	-	Holder	1	UN			
7	230612562	-	Holder	1	UN			
8	230612639	-	Retaining plate	1	UN			
9	230611137	-	Sheet metal	1	UN			
10	230612563	-	Holder	1	UN			
11	230612564	-	Holder	1	UN			
12	230612598	-	Lubricating oil line	1	UN			
13	230612599	-	Lubricating oil line	2	UN			
14	230612600	-	Lubricating oil line	1	UN			
15	230611414	-	Union	2	UN			
16	230611259	-	Check valve	2	UN			
17	230612508	-	Distance sleeve	10	UN			
19	230611437	-	Half clamp	8	UN			



Crankcase breather assembly

230612495

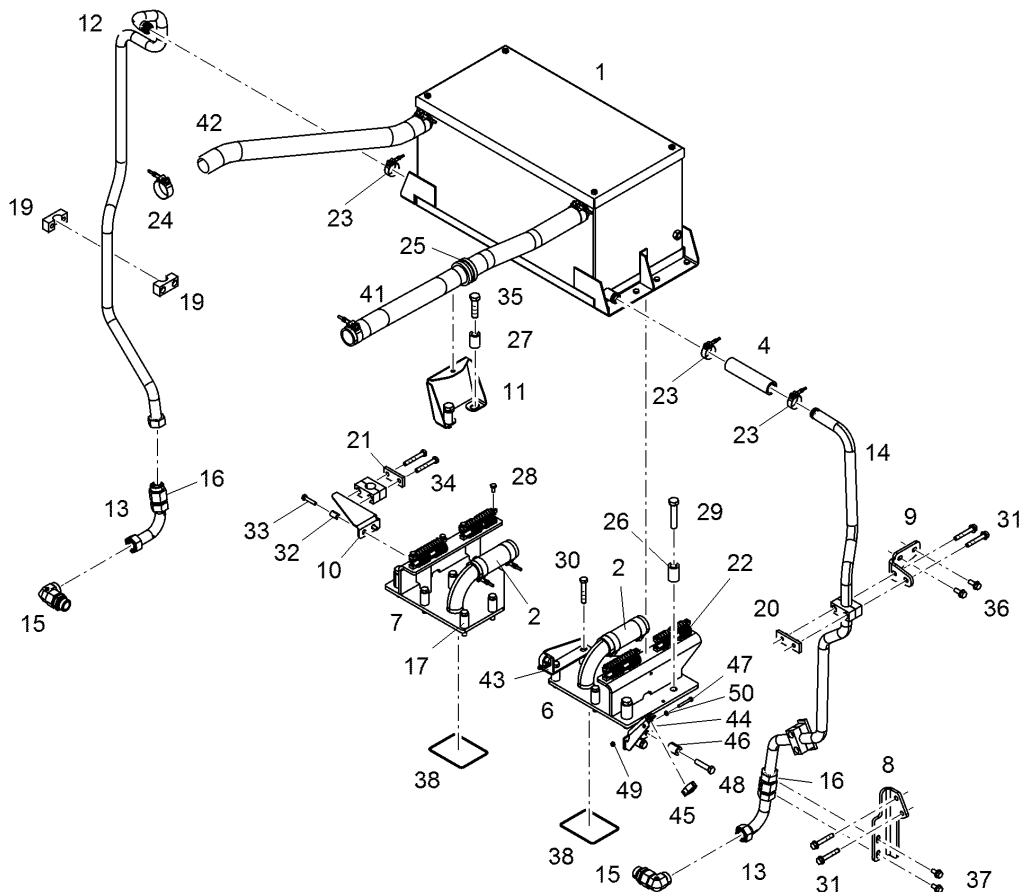
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20	230611439	-	Sheet metal	2	UN			
21	230611438	-	Lid plate	1	UN			
22	230612662	-	Vibration damper	4	UN			
23	230612573	-	Hose clamp	4	UN			
24	230611043	-	Hose clamp	8	UN			
25	230612478	-	Clamp	1	UN			
26	230612509	-	Distance sleeve	4	UN			
27	230612510	-	Distance sleeve	2	UN			
28	230611103	-	Screw	17	UN			
29	230612554	-	Hex screw	4	UN			
30	230612101	-	Hex screw	10	UN			
31	230611436	-	Hex screw	4	UN			
32	230611147	-	Distance sleeve	2	UN			
33	230611104	-	Screw	2	UN			
34	230611608	-	Hex screw	2	UN			
35	230612555	-	Hex screw	2	UN			



Crankcase breather assembly

230612495

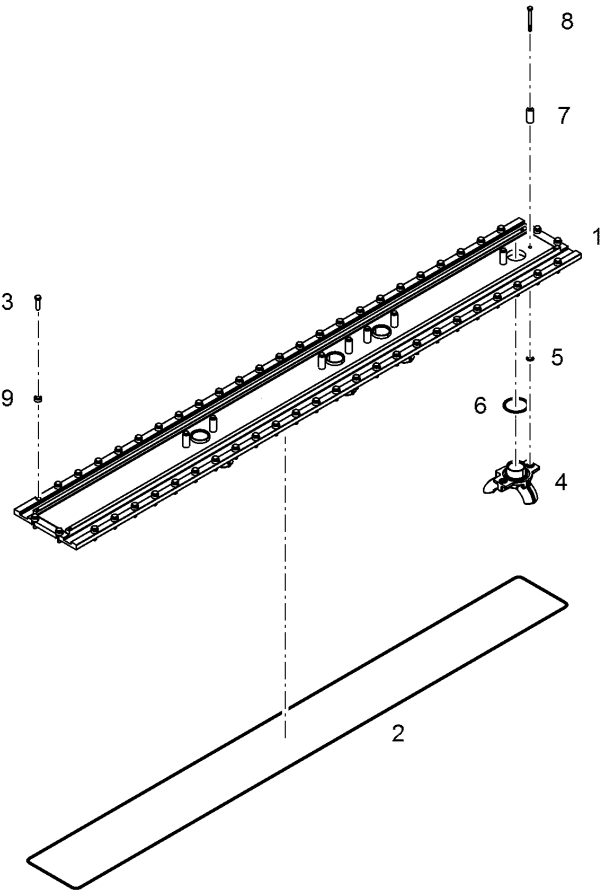
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37	230611440	-	Hex screw	2	UN			
38	230611545	-	O-ring	2	UN			
41	230612571	-	Hose	1	UN			
42	230612572	-	Hose	1	UN			
43	230612565	-	Holder	1	UN			
44	230612566	-	Holder	1	UN			
45	230612626	-	Pipe clamp	2	UN			
46	230611297	-	Distance sleeve	2	UN			
47	230612556	-	Hex screw	2	UN			
48	230611115	-	Hex screw	2	UN			
49	230612541	-	Hex nut	2	UN			
50	230612663	-	Washer	2	UN			



Protection plate assembly

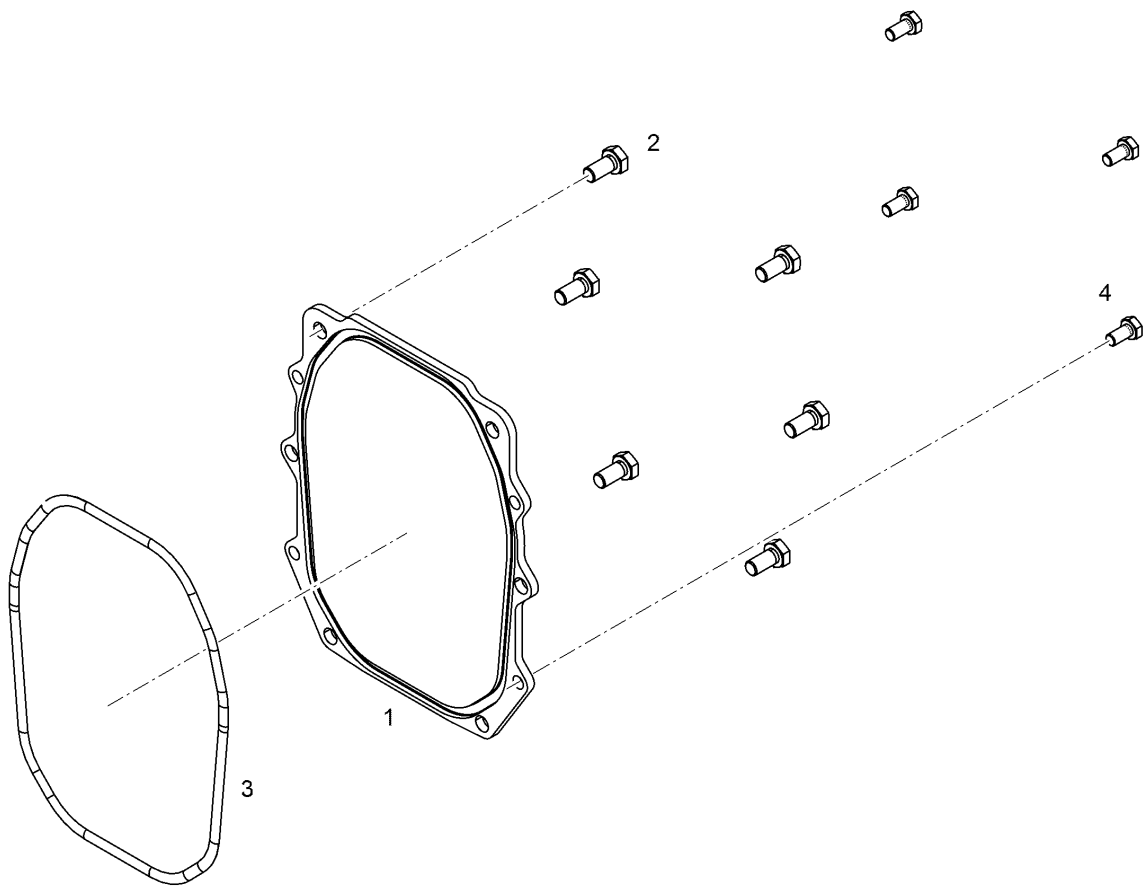
230612733

Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230612734	-	Cover plate	1	UN			
2	230612610	-	O ring	1	UN			
3	230611111	-	Hex screw	52	UN			
4	230611278	-	Elbow	4	UN			
5	230611392	-	O-ring	8	UN			
6	230611619	-	O-ring	4	UN			
7	230611302	-	Distance sleeve	8	UN			
8	230611379	-	Hex screw	8	UN			
9	230612752	-	Distance sleeve	52	UN			



Crankcase cover assembly
230612043

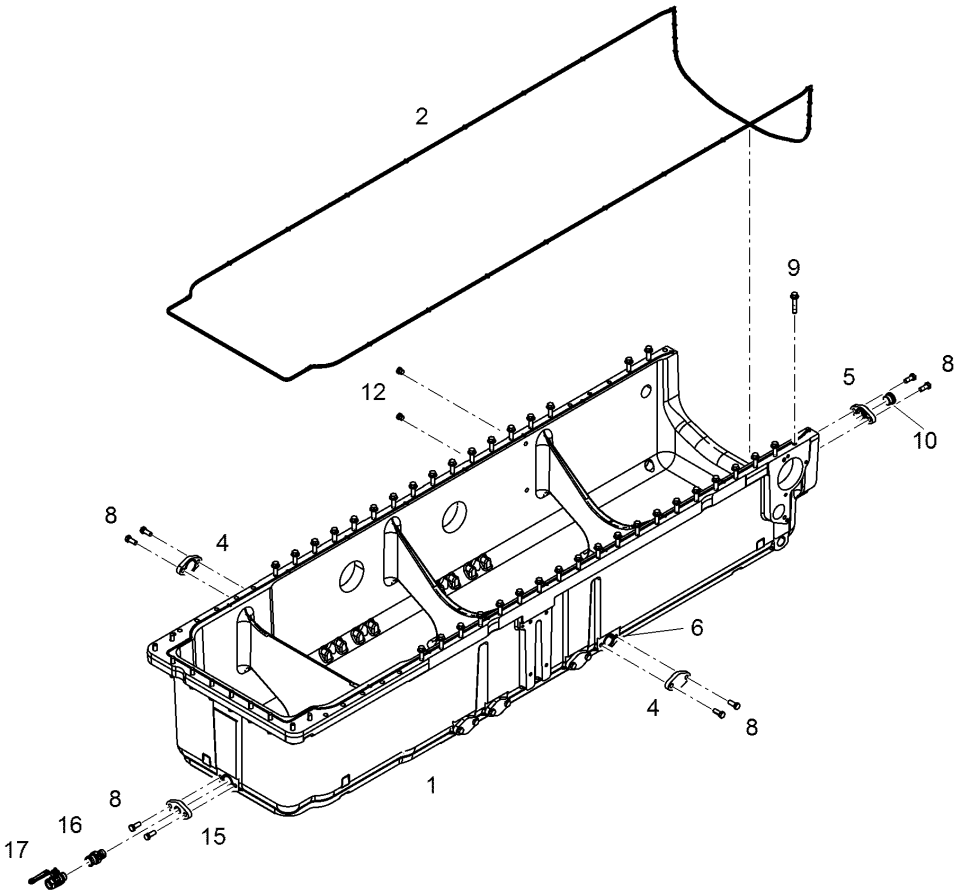
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611284	-	Crankcase cover	1	UN			
2	230611119	-	O-ring	1	UN			
3	230611117	-	Hex screw	6	UN			
4	230611422	-	Hex screw	4	UN			



Oil sump with fastening

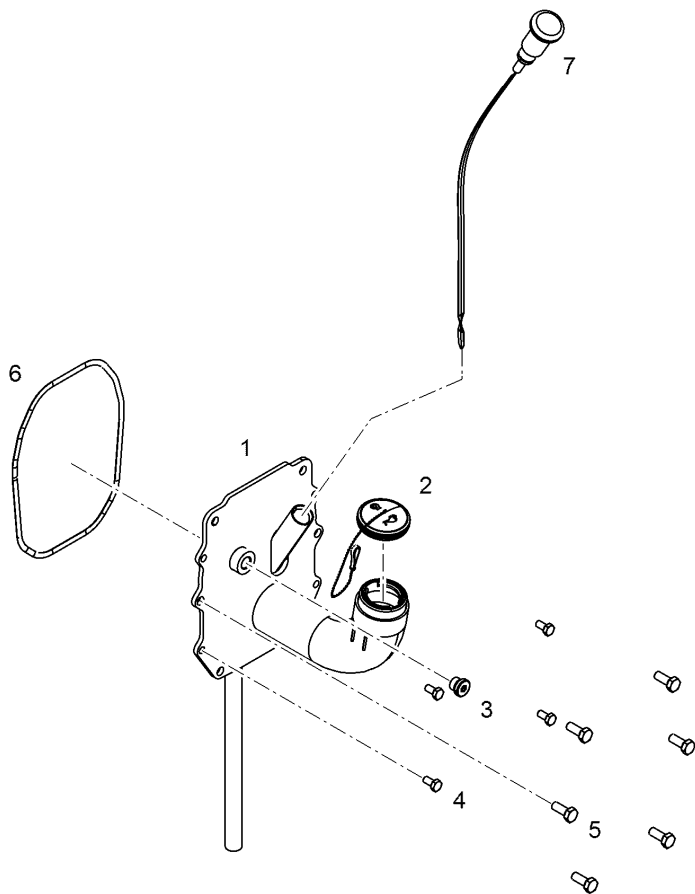
230612617

Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230612616	-	Oil sump	1	UN			
2	230612649	-	Seal	1	UN			
4	230611319	-	Flange	8	UN			
5	230612483	-	Connection flange	1	UN			
6	230611626	-	O-ring	10	UN			
8	230612550	-	Hex screw	20	UN			
9	230612551	-	Hex screw	47	UN			
10	230612648	-	Screw plug	1	UN			
12	230611460	-	Screw plug	2	UN			
15	230611582	-	Flange	1	UN			
16	230610252	-	Double nipple	1	UN			
17	230610274	-	Shut-off valve	1	UN			



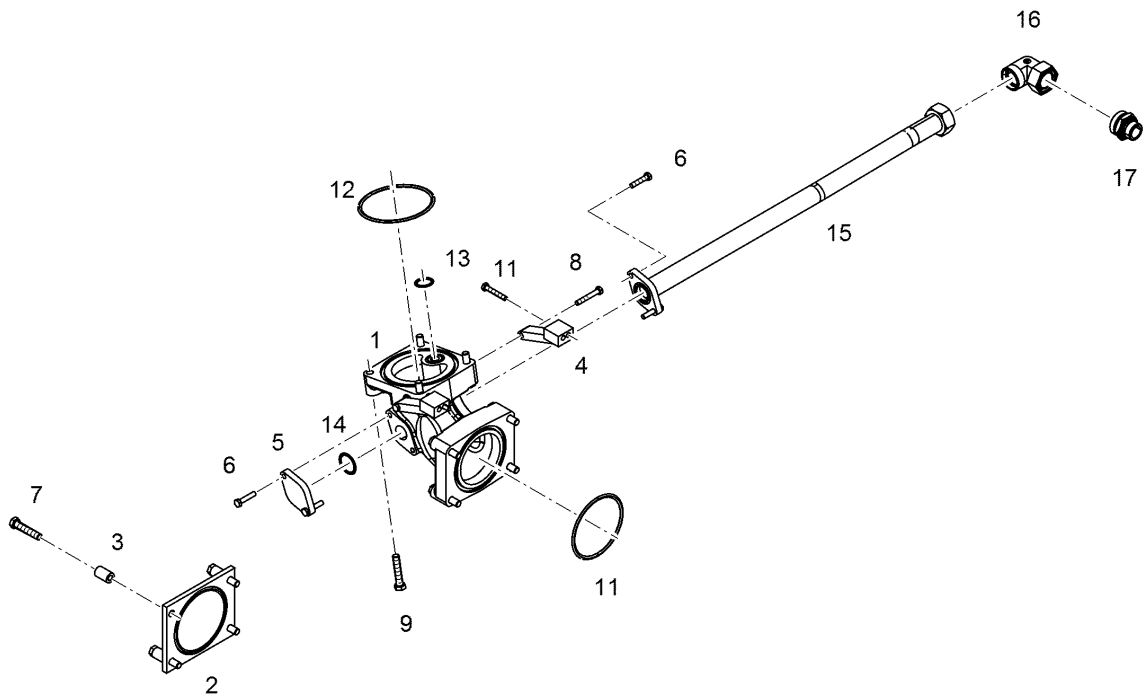
Oil filler inlet
230612155

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611300	-	Oil filler inlet	1	UN		
2	230611172	-	End cover	1	UN		
3	230611410	-	Screw plug	1	UN		
4	230611422	-	Hex screw	4	UN		
5	230611101	-	Hex screw	6	UN		
6	230611119	-	O-ring	1	UN		
7	230611301	-	Oil dipstick	1	UN		



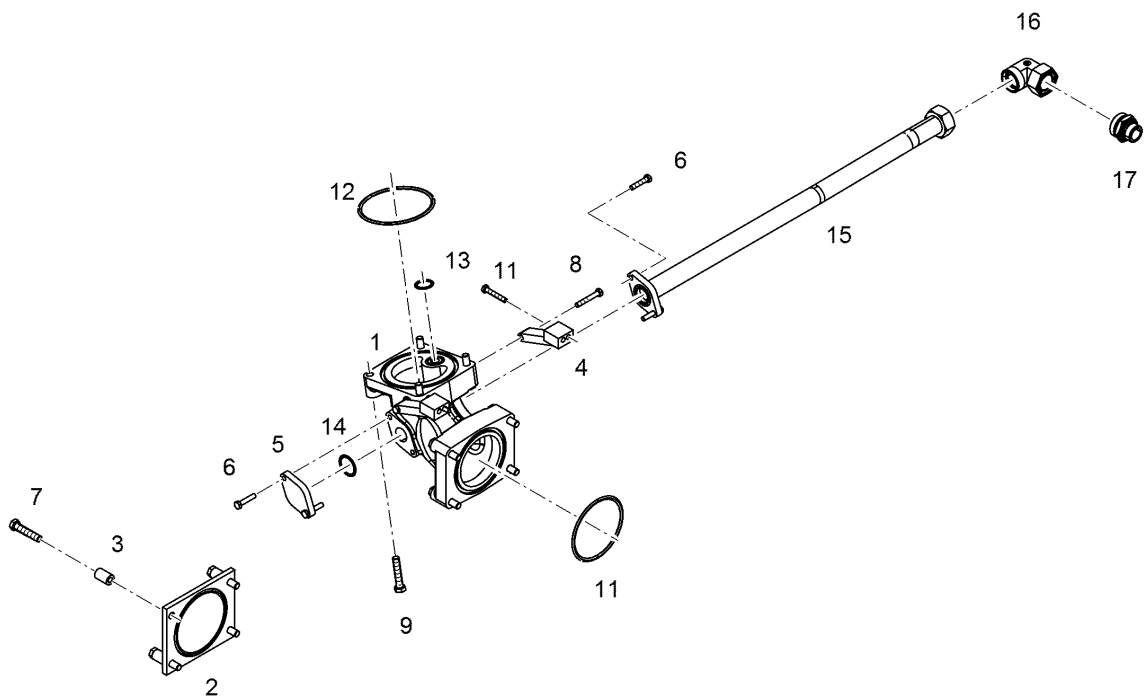
Console oil filter assembly 230612702

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
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2	230612703	-	Flange	1	UN		
3	230612704	-	Distance sleeve	4	UN		
4	230612699	-	Holder	2	UN		
5	230612746	-	Cover plate	1	UN		
6	230611104	-	Screw	4	UN		
7	230611116	-	Hex screw	8	UN		
8	230611105	-	Hex screw	2	UN		
9	230611509	-	Hex screw	4	UN		
10	230612549	-	Hex screw	2	UN		
11	230611617	-	O-ring	2	UN		
12	230611380	-	O-ring	1	UN		
13	230611622	-	O-ring	1	UN		
14	230611627	-	O-ring	2	UN		
15	230612597	-	Lubricating oil line	1	UN		
16	230611528	-	Union	1	UN		



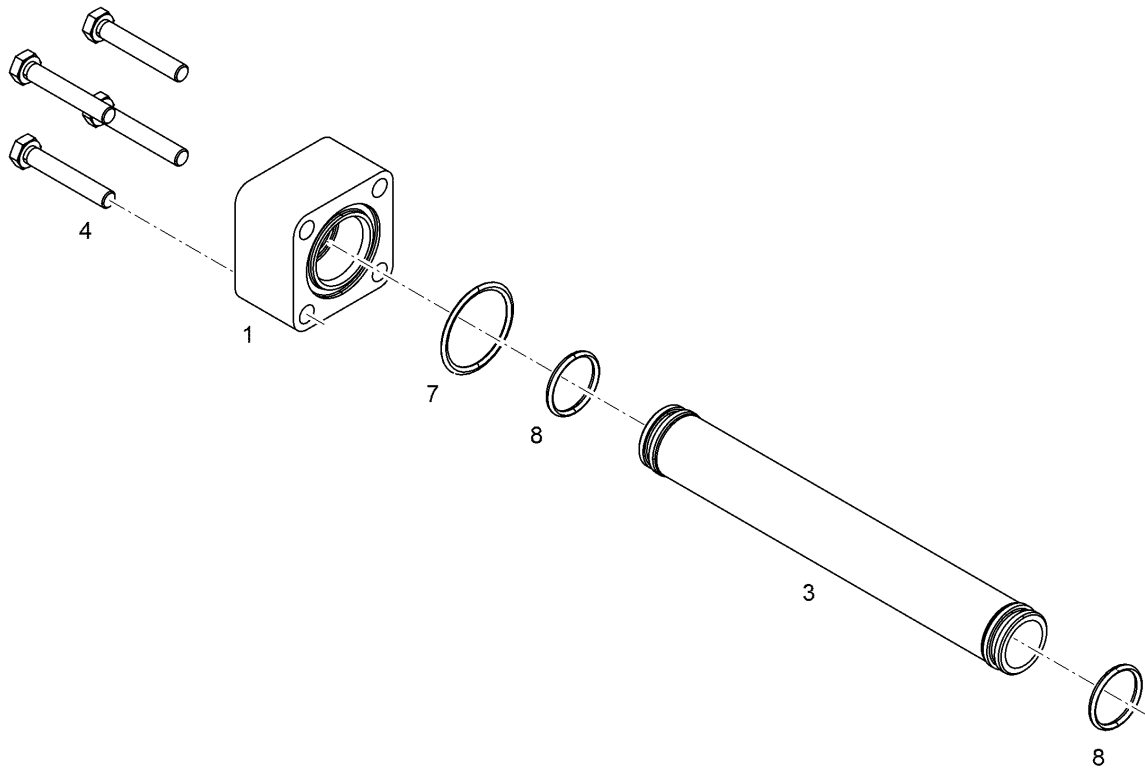
Console oil filter assembly
230612702

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
17	230611373	-	Union	1	UN		



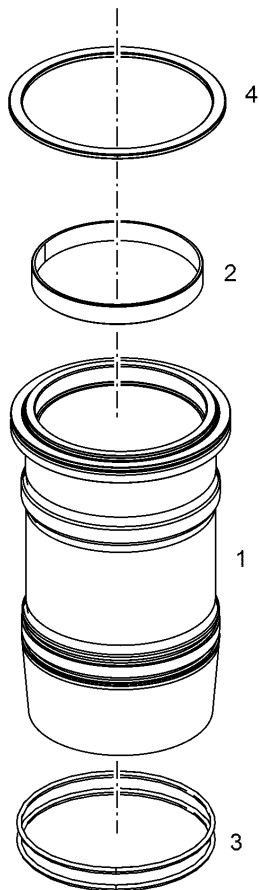
Lubricating oil line add-on 230612141

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611126	-	Flange	1	UN		
3	230611329	-	Plug-in pipe	1	UN		
4	230611102	-	Hex screw	4	UN		
7	230611395	-	O-ring	1	UN		
8	230611394	-	O-ring	2	UN		



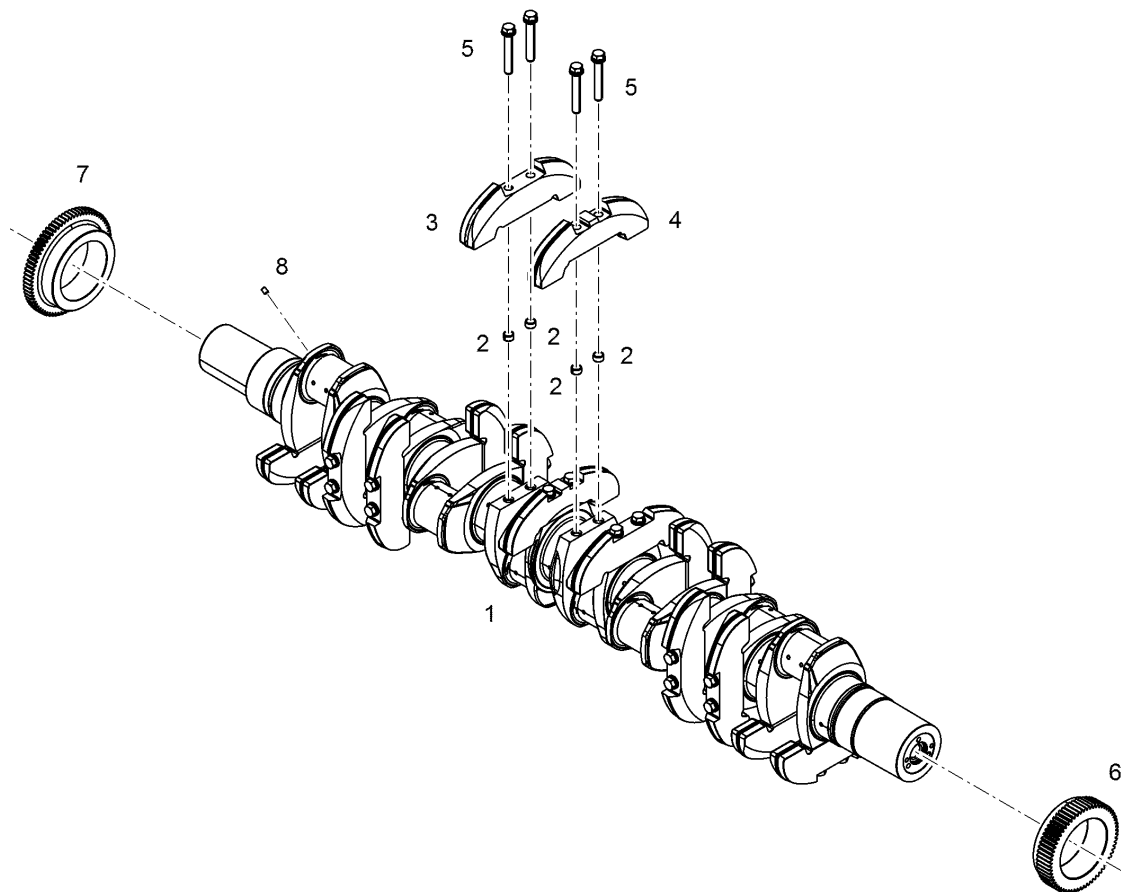
Cylinder liner assembly
230611287

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612050	-	Cylinder liner	1	UN		
2	230611757	-	Anti polishing ring	1	UN		
3	230611826	-	O-ring	2	UN		
4	230611759	-	Sealing ring	1	UN		



Crankshaft pre-assy. 230612750

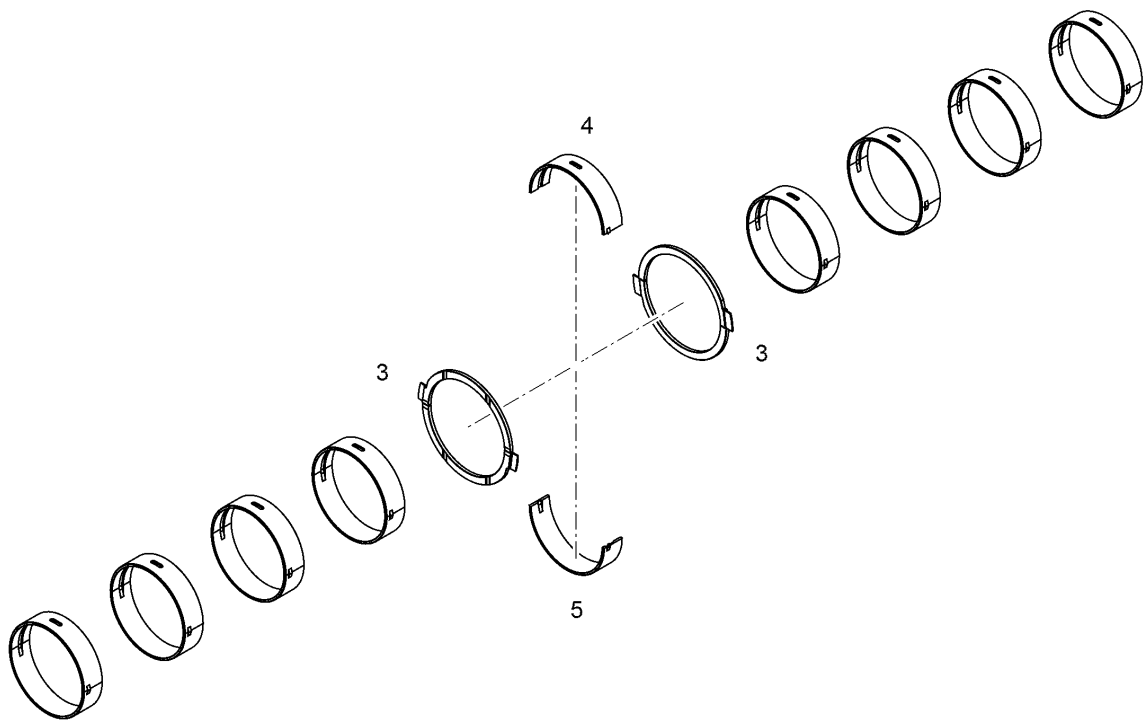
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612747	-	Crankshaft	1	UN		
2	230612710	-	Tight fit sleeve	32	UN		
3	230612711	-	Counterweight	14	UN		
4	230612712	-	Counterweight	2	UN		
5	230612714	-	Hex screw	32	UN		
6	230611748	-	Crankshaft wheel	1	UN		
7	230611749	-	Crankshaft wheel	1	UN		
8	230612689	-	Grub screw	8	UN		



Crankshaft bearings

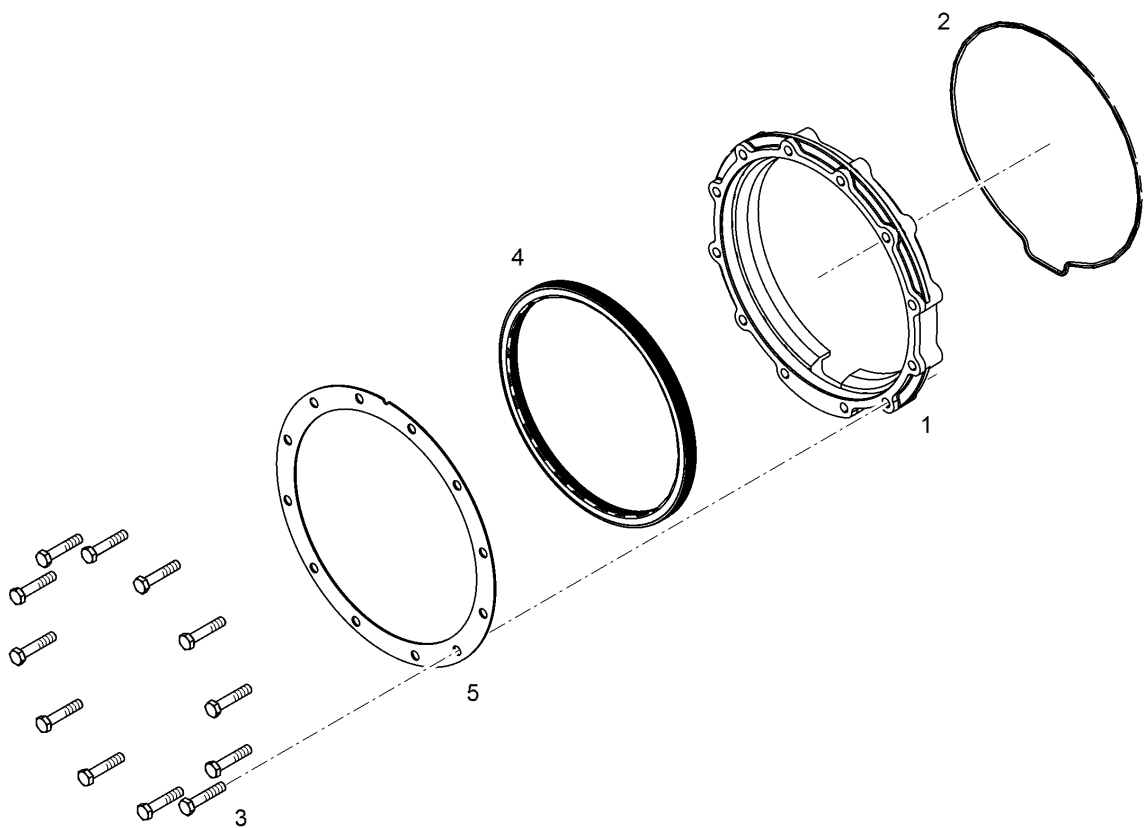
230612727

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
3	230611797	-	Wearing ring	4	UN		
4	230611776	-	Main bearing	9	UN		
5	230611777	-	Main bearing	9	UN		



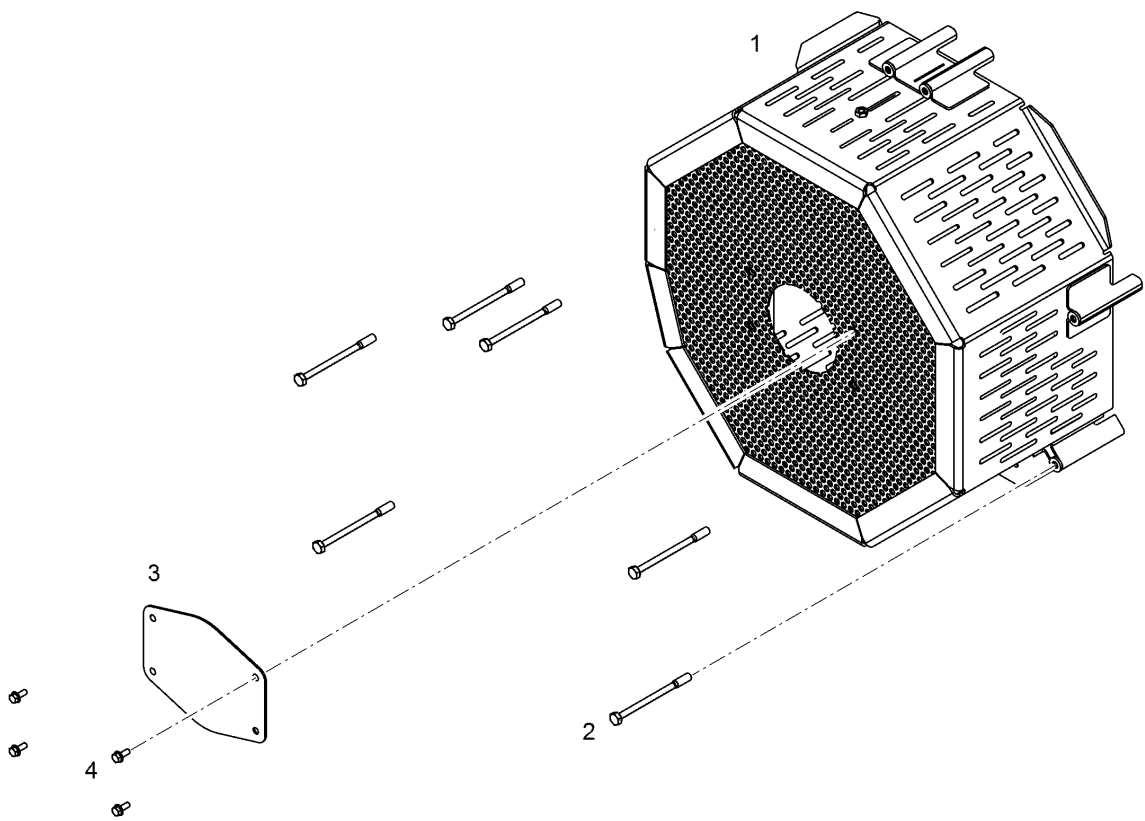
Seal carrier
230612193

Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611871	-	Seal carrier	1	UN			
2	230611424	-	O-ring	1	UN			
3	230612099	-	Hex screw	12	UN			
4	230611357	-	Rotary shaft lip seal	1	UN			
5	230611728	-	Thrust washer	1	UN			



Protection plate add-on
230612177

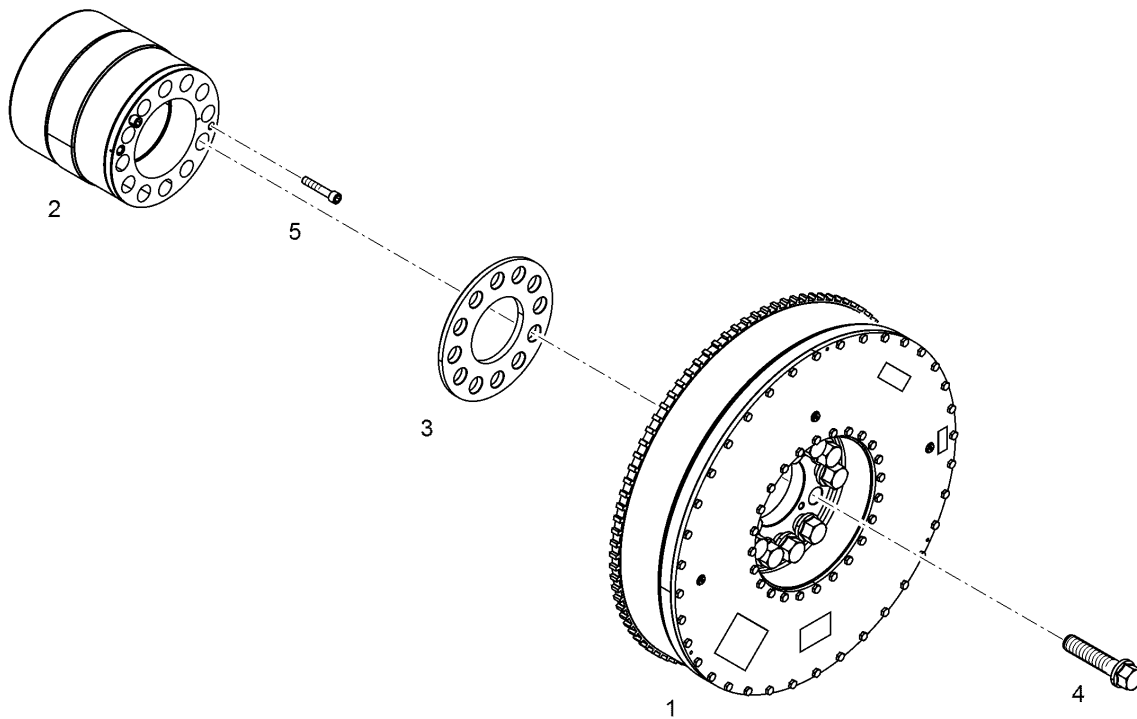
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611298	-	Protection guard	1	UN		
2	230611863	-	Hex screw	6	UN		
3	230611872	-	Cover	1	UN		
4	230611831	-	Hex screw	4	UN		



Vibration damper

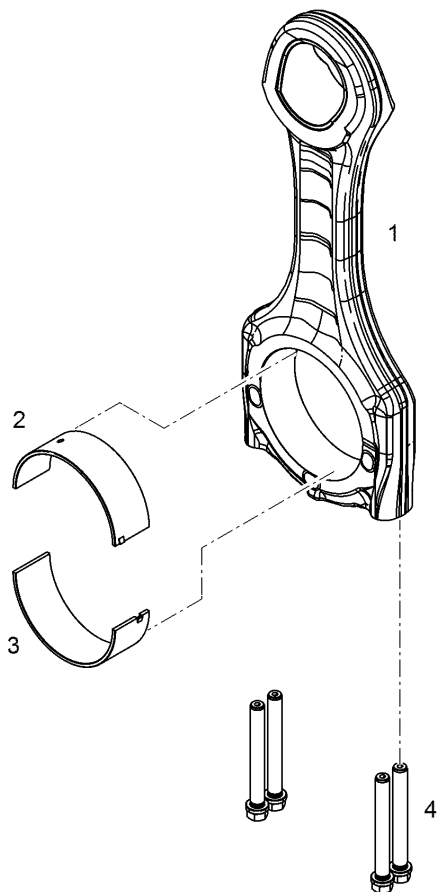
230612728

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612661	-	Vibration damper	1	UN		
2	230612715	-	Hub	1	UN		
3	230611177	-	Sheet	1	UN		
4	230611363	-	Hex screw	12	UN		
5	230611425	-	Screw	2	UN		



Connecting rod assembly
230611286

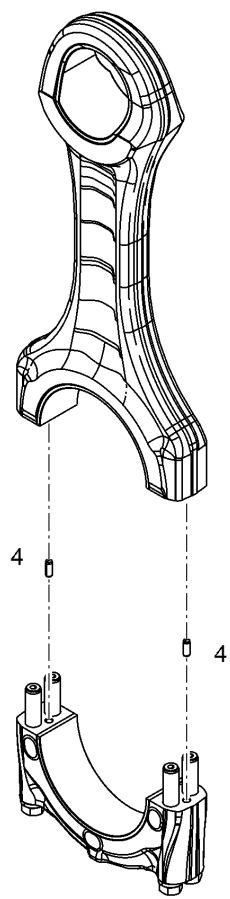
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611800	-	Connecting rod pre-assembly	1	UN		29
2	230611770	-	Conrod big end bearing upper	1	UN		
3	230611771	-	Conrod big end bearing lower	1	UN		
4	230611785	-	Conrod bolt	4	UN		



Connecting rod pre-assembly

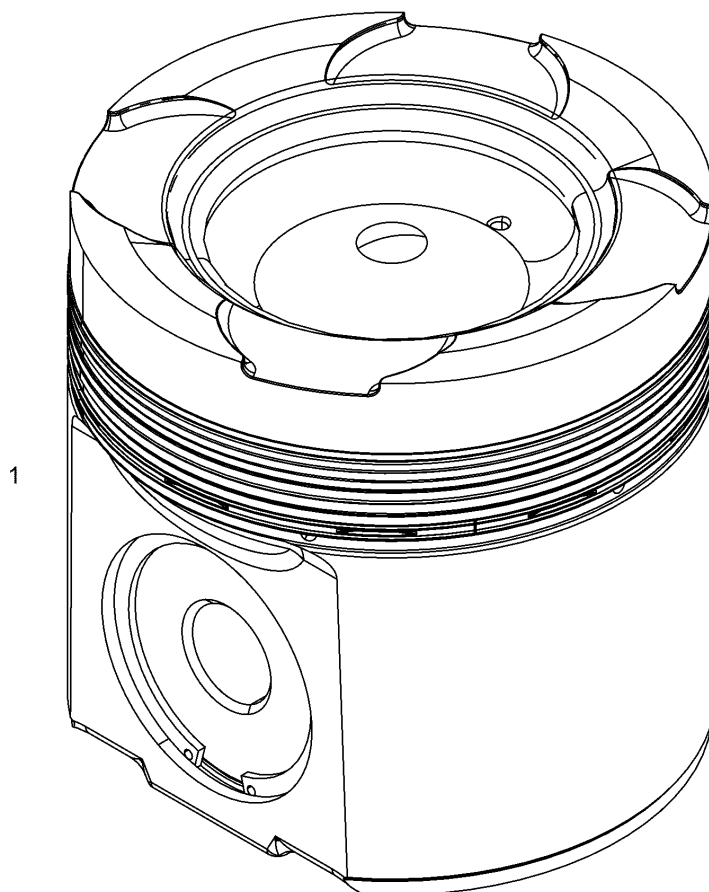
230611800

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
4	230611884	-	Parallel pin	2	UN		



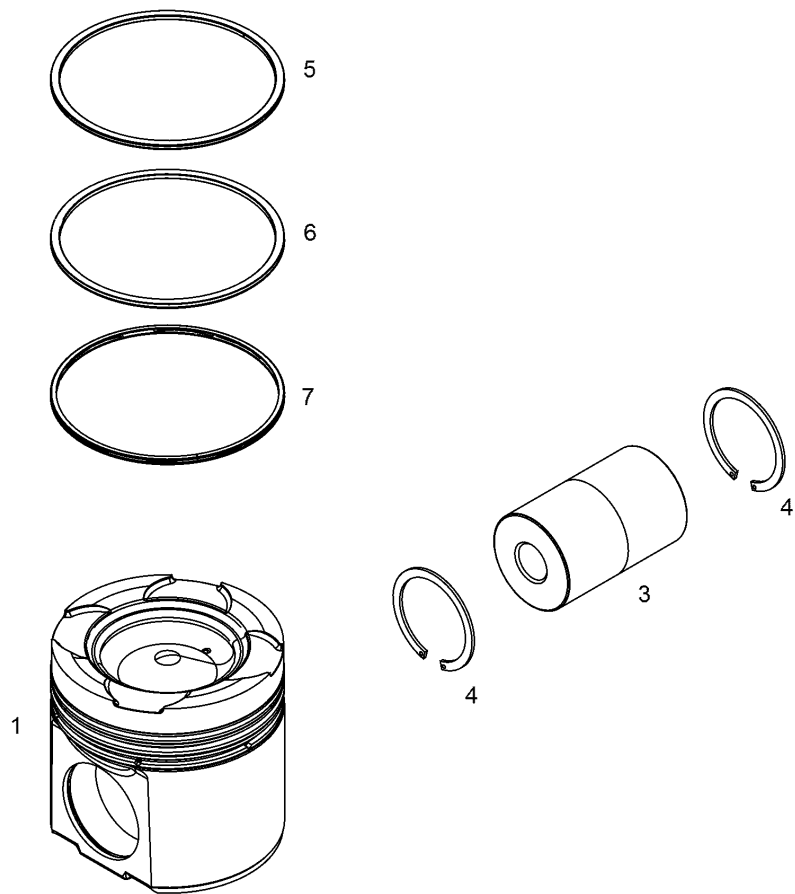
Piston cpl.
230612762

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611587	-	Piston cpl.	1	UN		31



Piston cpl. 230611587

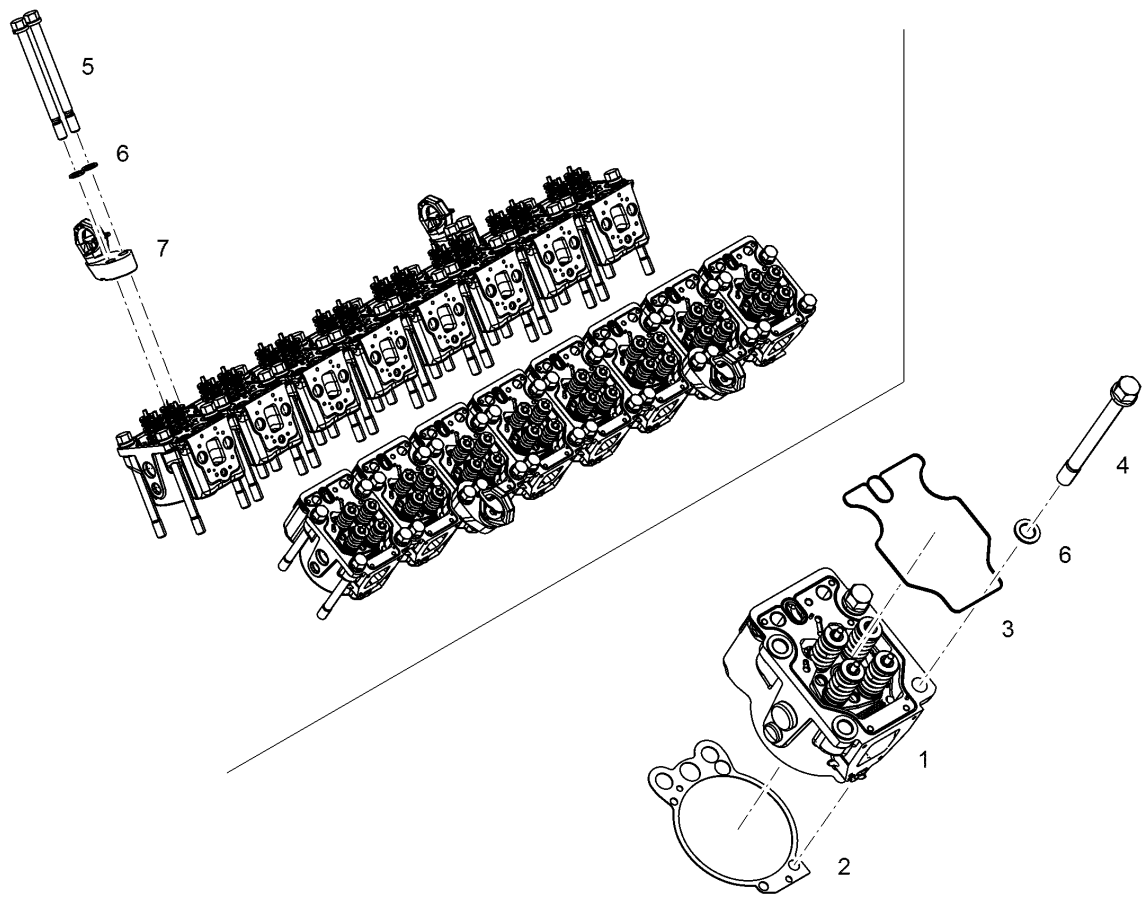
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612166	-	Piston	1	UN		
3	230612167	-	Piston bolt	1	UN		
4	230611400	-	Locking ring	2	UN		
5	230611317	-	Piston ring	1	UN		
6	230611330	-	Piston ring	1	UN		
7	230611318	-	Piston ring	1	UN		
998	230612168	-	Piston ring	1	UN		



Cylinder head assembly

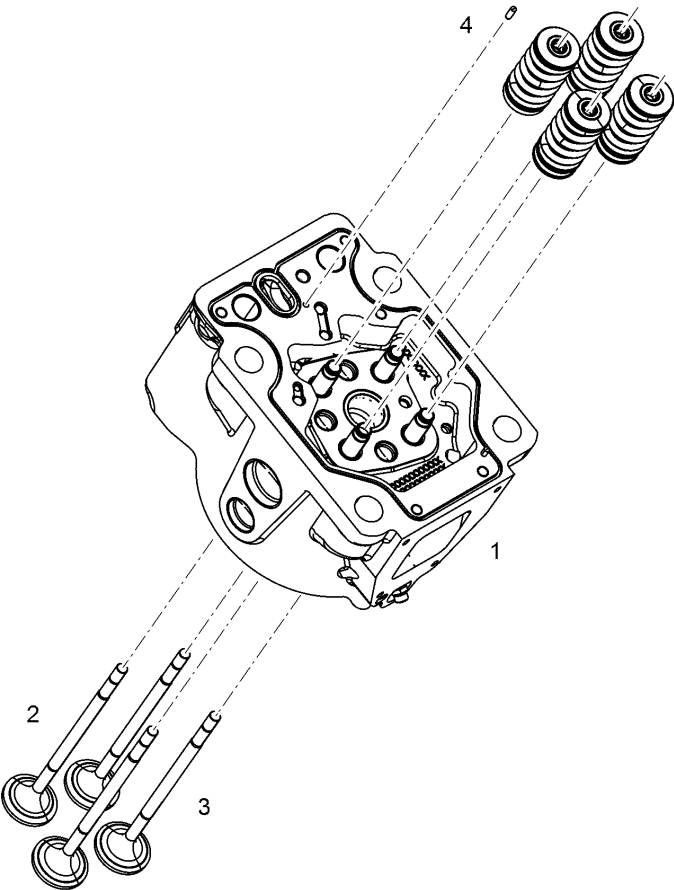
230612705

Po S.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611910	-	Cylinder head pre-assy.	16	UN			33
2	230611878	-	Seal	16	UN			36
3	230611321	-	Seal	16	UN			
4	230611358	-	Hex screw	56	UN			
5	230611359	-	Hex screw	8	UN			
6	230611722	-	Washer	64	UN			
7	230611338	-	Fastener	4	UN			



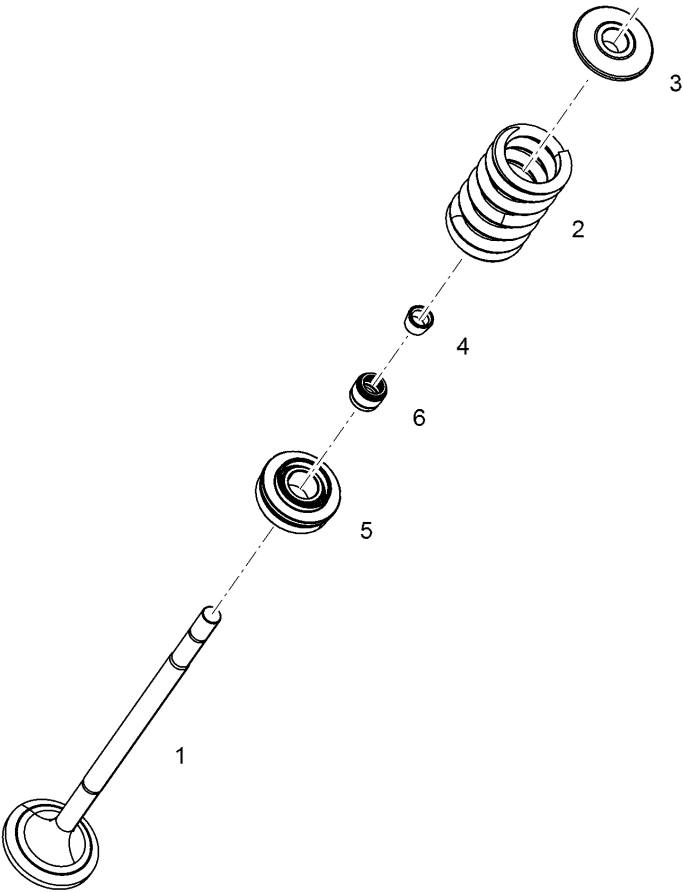
Cylinder head pre-assy.
230611910

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611904	-	Cylinder head pre-assy.	1	UN		
2	230612754	-	Outlet valve	1	UN		34
3	230612755	-	Inlet valve	1	UN		35
4	230611667	-	Parallel pin	2	UN		



Outlet valve
230612754

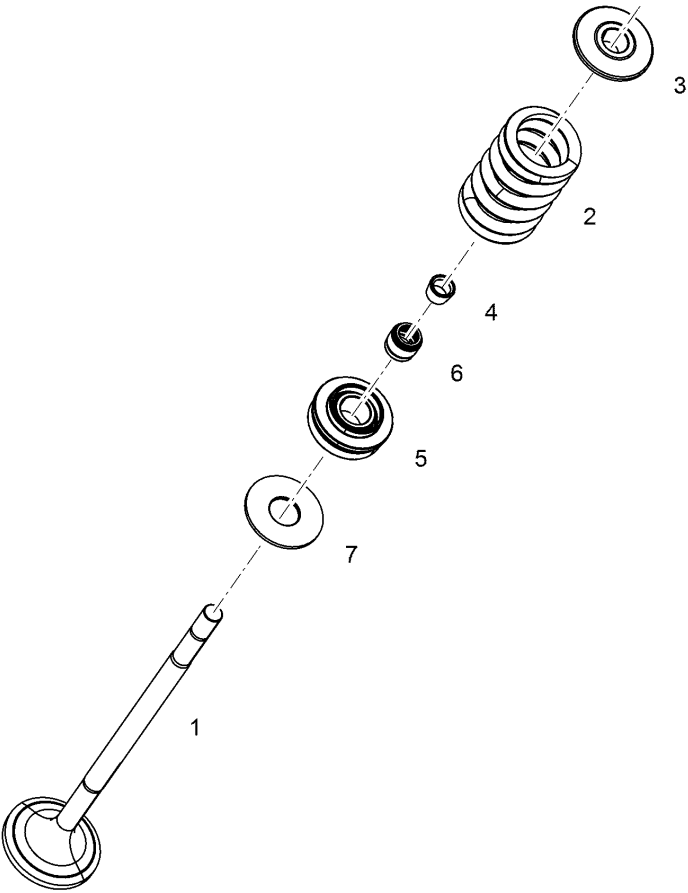
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611799	-	Outlet valve	1	UN			
2	230611751	-	Valve spring	1	UN			
3	230611752	-	Spring support	1	UN			
4	230611767	-	Valve collet	1	UN			
5	230611899	-	Valve rotator	1	UN			
6	230611892	-	Valve stem seal ring	1	UN			



Inlet valve

230612755

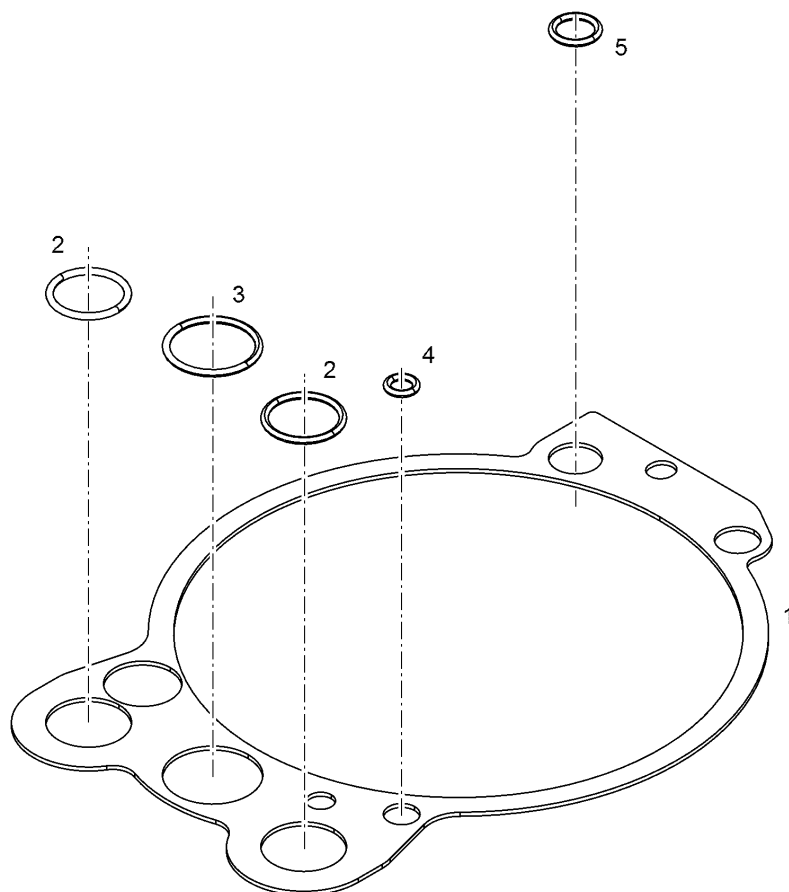
Po S.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611798	-	Inlet valve	1	UN			
2	230611751	-	Valve spring	1	UN			
3	230611752	-	Spring support	1	UN			
4	230611767	-	Valve collet	1	UN			
5	230611899	-	Valve rotator	1	UN			
6	230611892	-	Valve stem seal ring	1	UN			
7	230611753	-	Shim ring	1	UN			



Seal

230611878

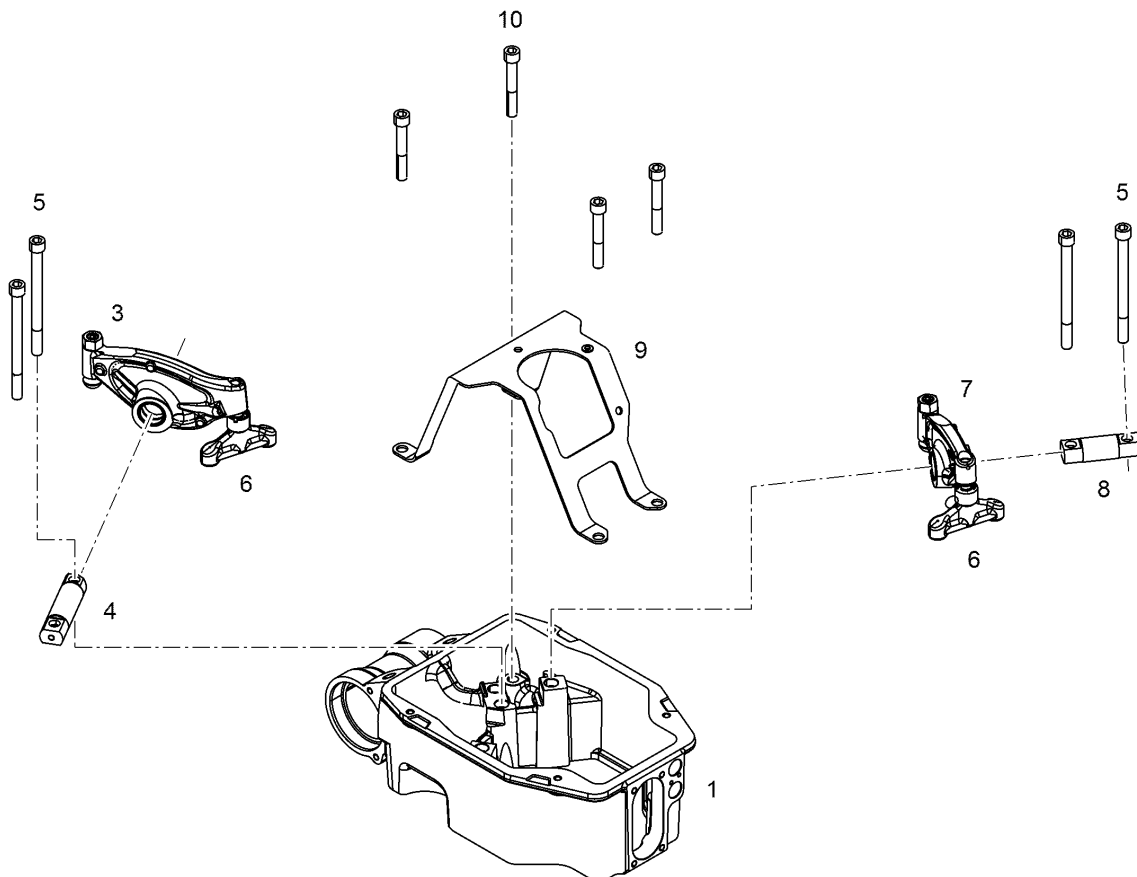
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611773	-	Flachdichtung	1	UN		
2	230611830	-	O-ring	2	UN		
3	230611850	-	O-ring	1	UN		
4	230611828	-	O-ring	1	UN		
5	230611829	-	O-ring	1	UN		



Rocker lever housing assembly

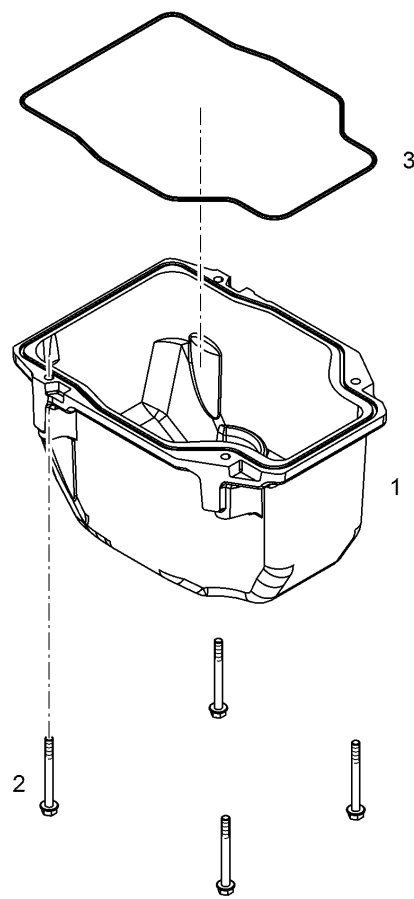
230612184

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611572	-	Rocker arm housing	1	UN		
3	230611307	-	Rocker arm pre-assembly	1	UN		
4	230611579	-	Rocker axle	1	UN		
5	230611594	-	Socket head screw	4	UN		
6	230611870	-	Valve bridge	2	UN		
7	230611306	-	Rocker arm pre-assembly	1	UN		
8	230611580	-	Rocker axle	1	UN		
9	230611312	-	Retaining plate	1	UN		
10	230611600	-	Socket head screw	4	UN		



Cylinder head cover assy
230612048

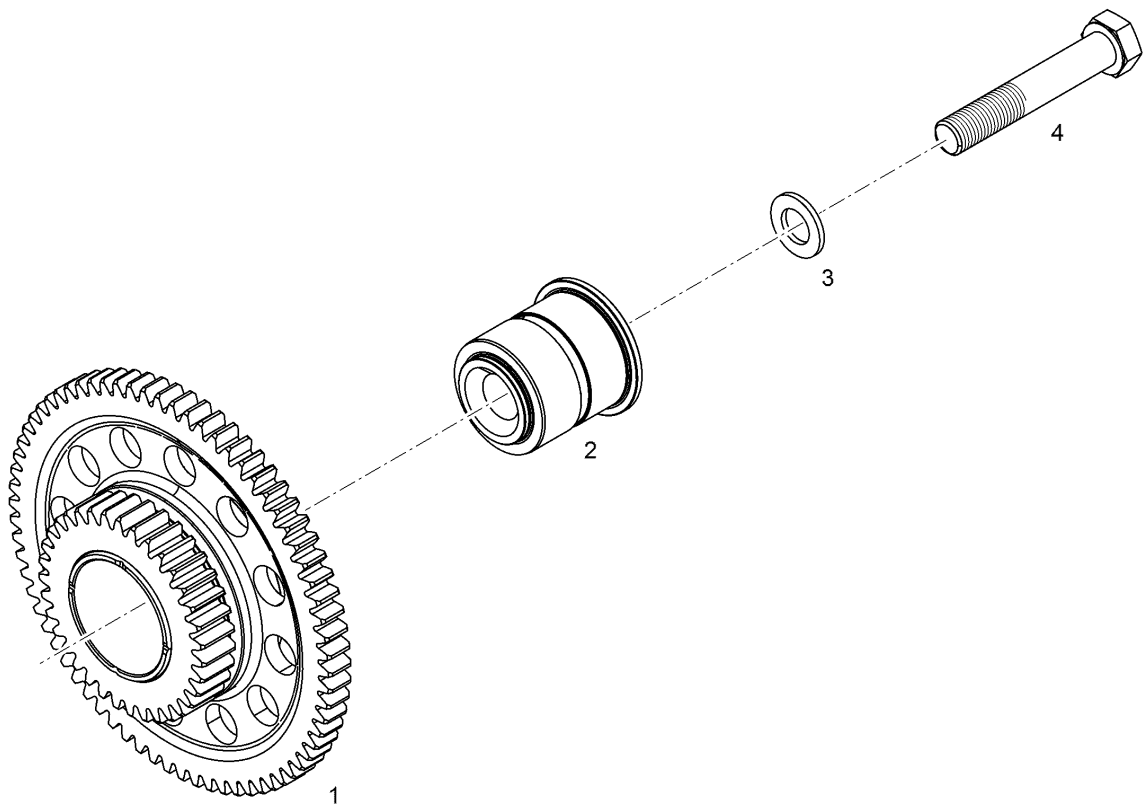
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230610002	-	Cylinder head cover	1	UN		
2	230611370	-	Hex screw	4	UN		
3	230611045	-	O-ring	1	UN		



Camshaft drive

230612020

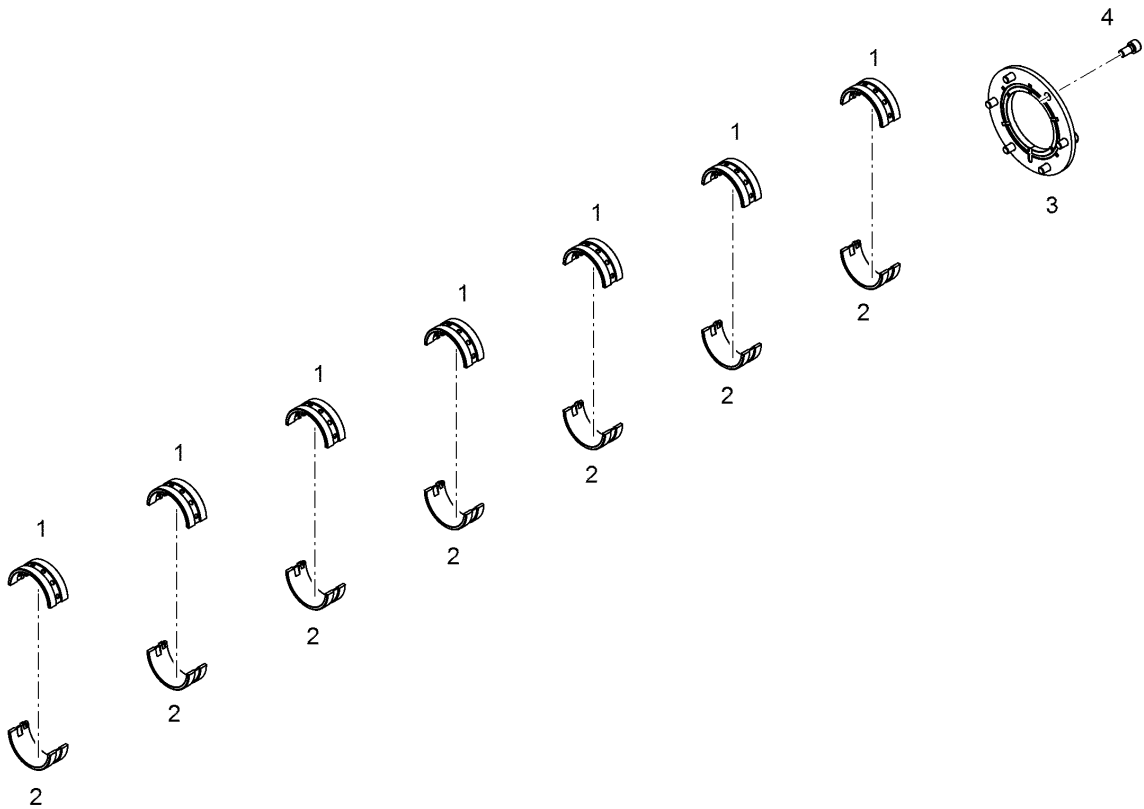
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611786	-	Gearwheels pre-assembly	1	UN			
2	230611754	-	Axle	1	UN			
3	230611095	-	Washer	1	UN			
4	230611811	-	Hex screw	1	UN			



Camshaft bearing

230612709

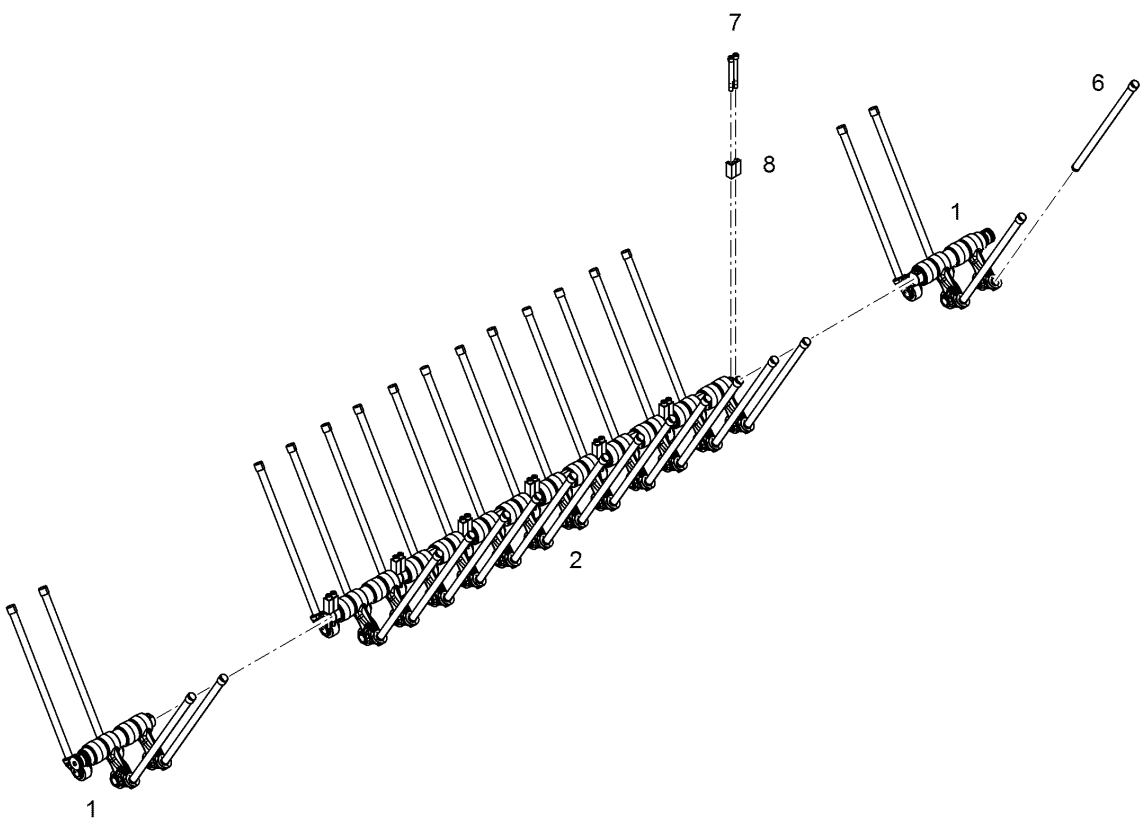
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611874	-	Camshaft bearing	7	UN		
2	230611875	-	Camshaft bearing	7	UN		
3	230611750	-	Thrust bearing	1	UN		
4	230611658	-	Socket head screw	6	UN		



Control parts

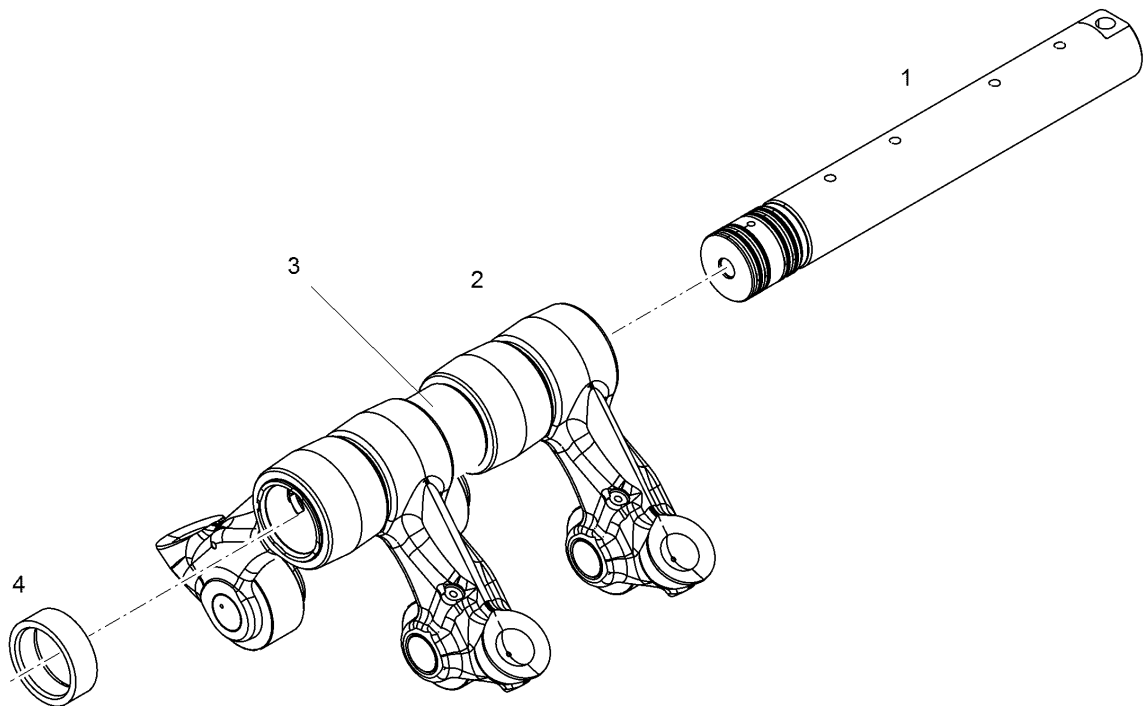
230612489

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611893	-	Control parts	2	UN		42
2	230611894	-	Control parts	6	UN		45
6	230611774	-	Tappet push rod	32	UN		
7	230611889	-	Socket head screw	14	UN		
8	230611694	-	Spacer piece	14	UN		



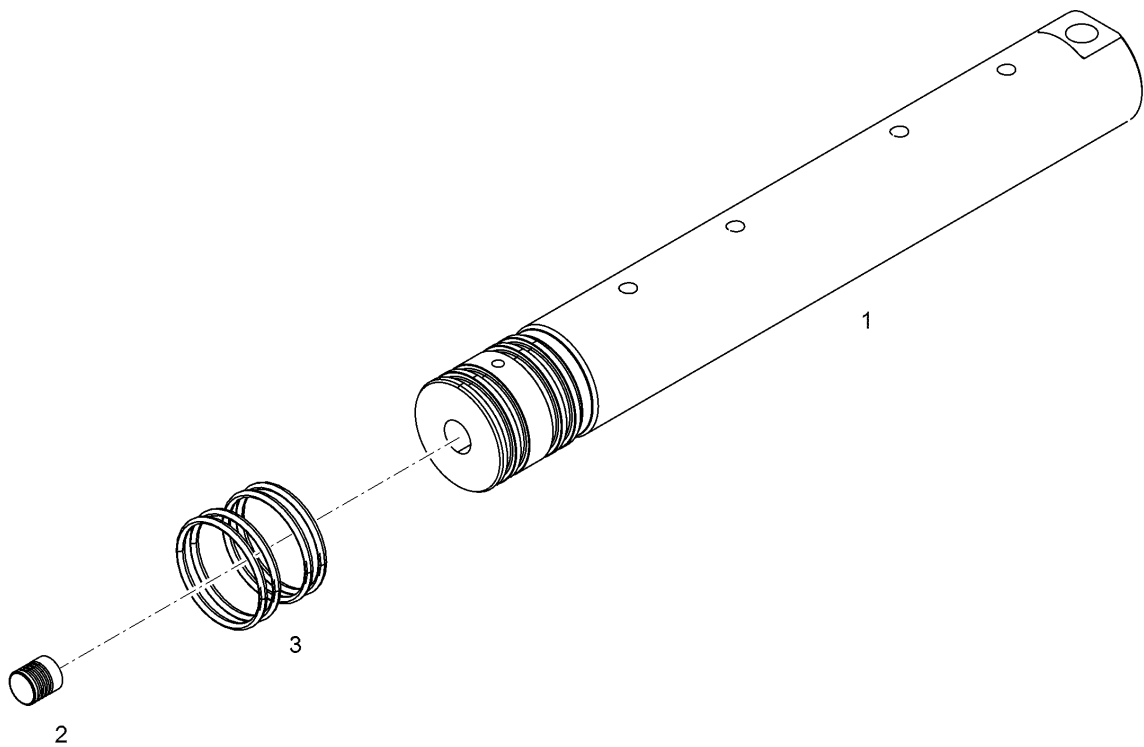
Control parts
230611893

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611721	-	Axle	1	UN		43
2	230611719	-	Lever pre-assy.	4	UN		44
3	230611723	-	Wearing ring	1	UN		
4	230611718	-	Wearing ring	1	UN		



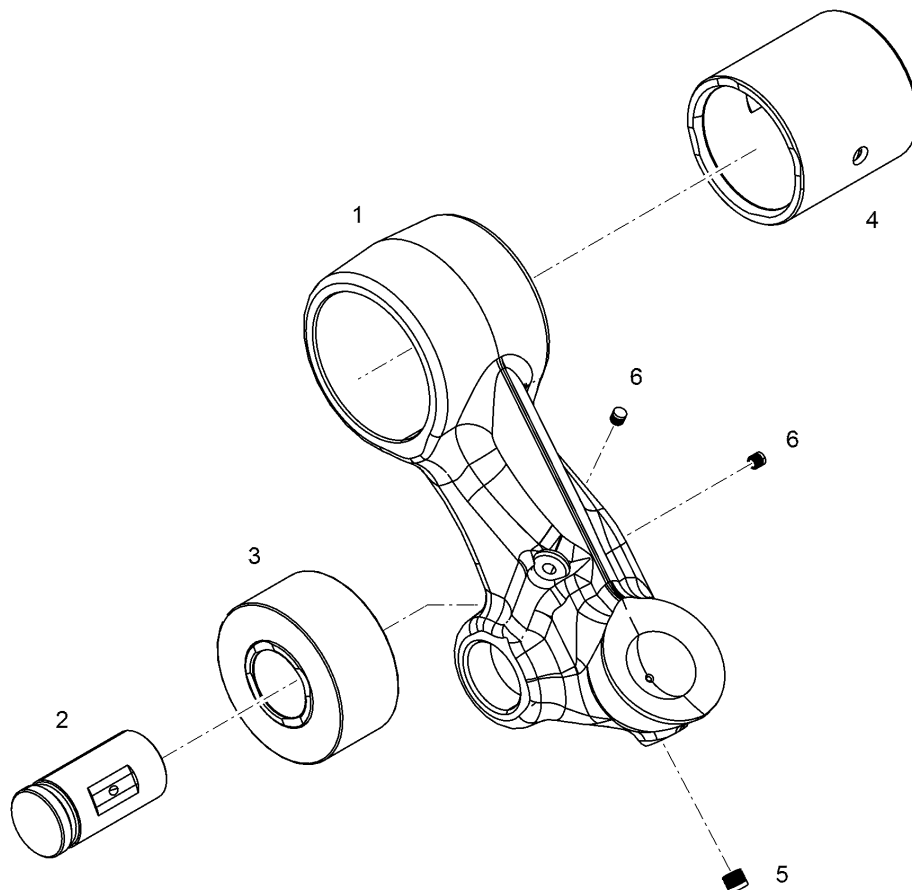
Axle 230611721

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612008	-	Axle	1	UN		
2	230611816	-	Sealing plug	1	UN		
3	230611827	-	O ring	4	UN		



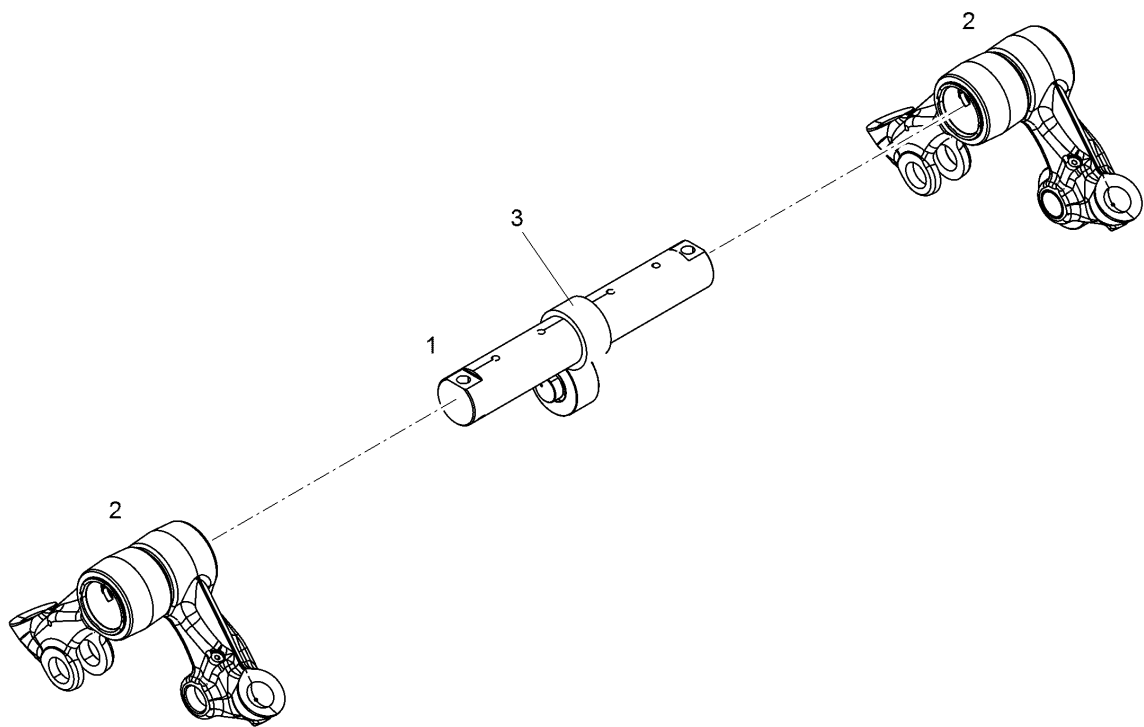
Lever pre-assy. 230611719

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612134	-	Lever	1	UN		
2	230612006	-	Axle	1	UN		
3	230612185	-	Roller	1	UN		
4	230612009	-	Bearing bush	1	UN		
5	230611478	-	Plug	1	UN		
6	230611818	-	Sealing plug	2	UN		



Control parts
230611894

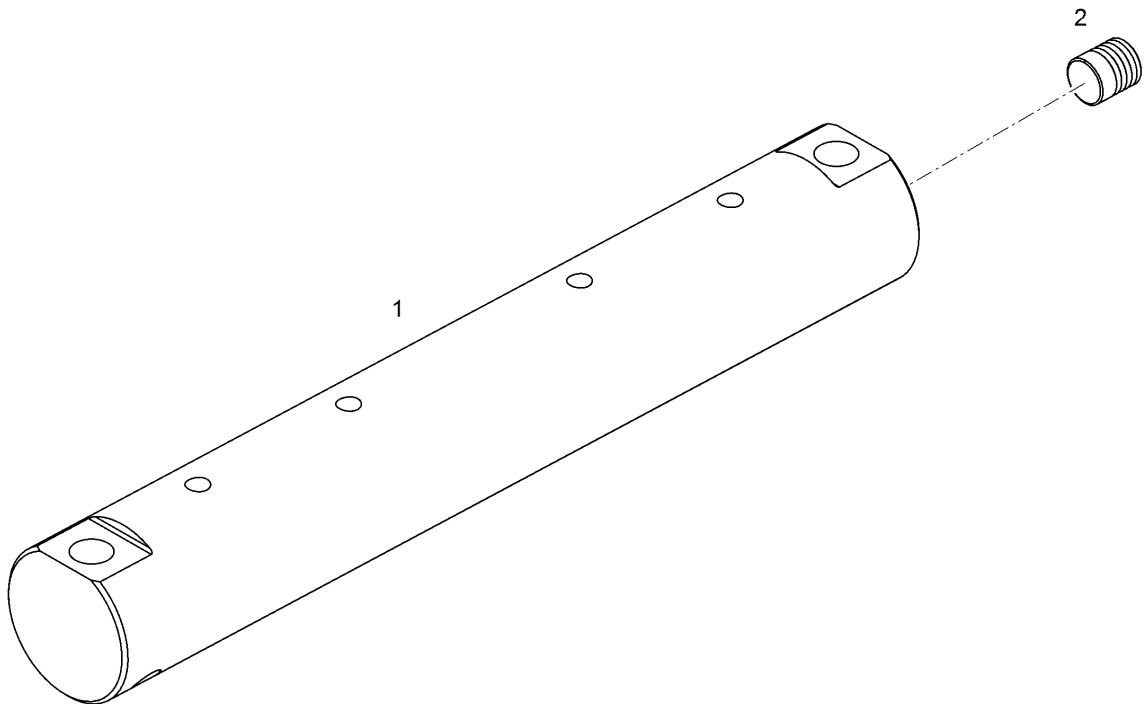
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611720	-	Axle	1	UN		46
2	230611719	-	Lever pre-assy.	4	UN		44
3	230611723	-	Wearing ring	1	UN		



Axle

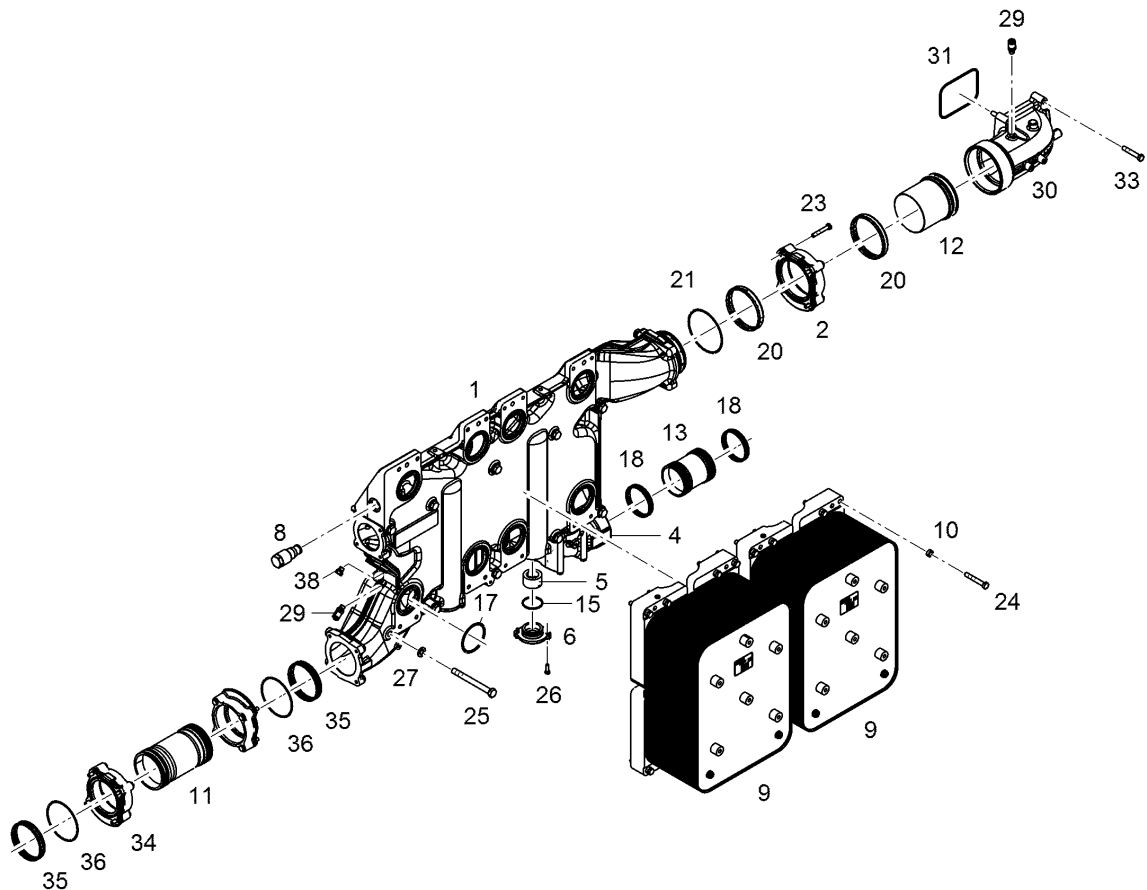
230611720

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612007	-	Axle	1	UN		
2	230611816	-	Sealing plug	1	UN		



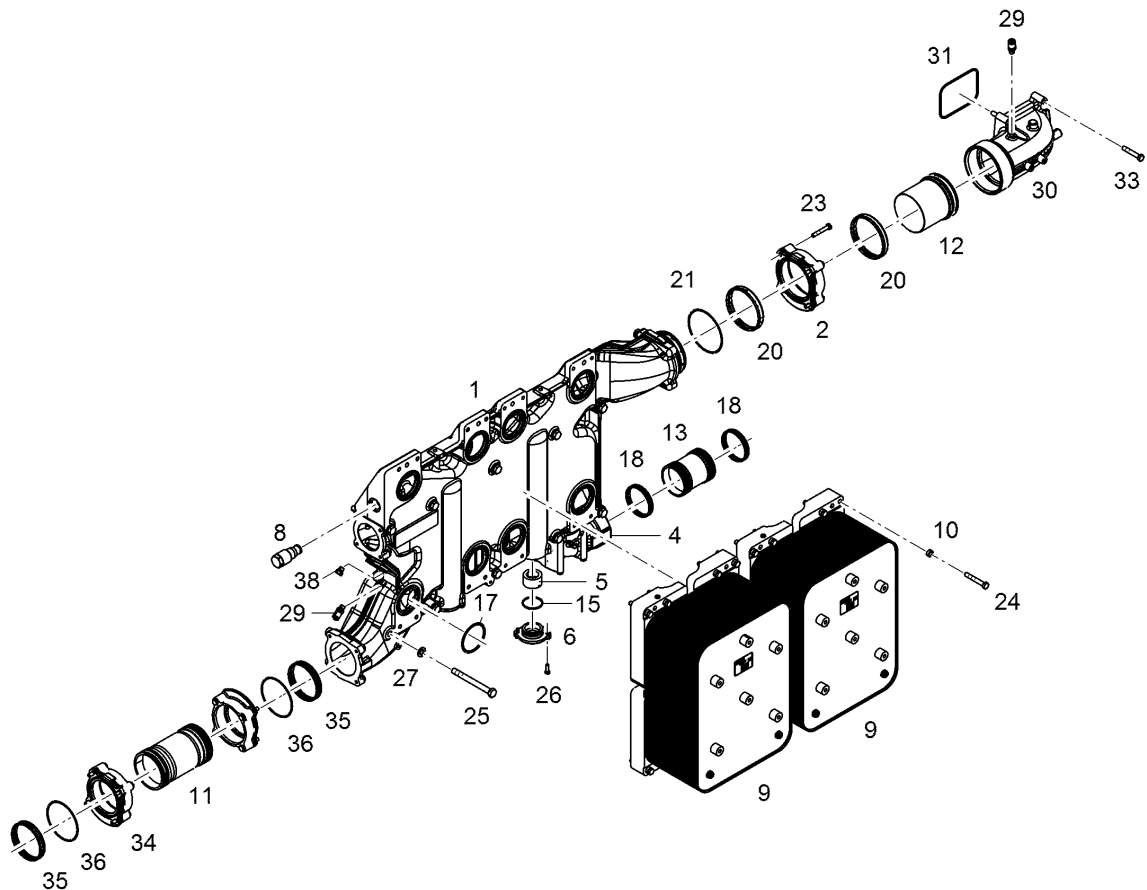
Oil cooler add-on 230612611

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612613	-	Oil cooler housing pre-assy.	1	UN		49
2	230611351	-	Flange	1	UN		
4	230611775	-	Elbow pre-assembly	1	UN		50
5	230611240	-	Orifice	2	UN		
6	230611352	-	End cover	2	UN		
8	230611077	-	Valve	1	UN		
9	230611708	-	Oil cooler	2	UN		
10	230611127	-	Distance sleeve	16	UN		
11	230611345	-	Plug-in pipe	1	UN		
12	230611337	-	Plug-in pipe	1	UN		
13	230611328	-	Plug-in pipe	1	UN		
15	230611454	-	O ring	2	UN		
17	230611455	-	O-ring	8	UN		
18	230611053	-	O-ring	4	UN		
20	230611457	-	O-ring	4	UN		
21	230611458	-	O-ring	1	UN		



Oil cooler add-on 230612611

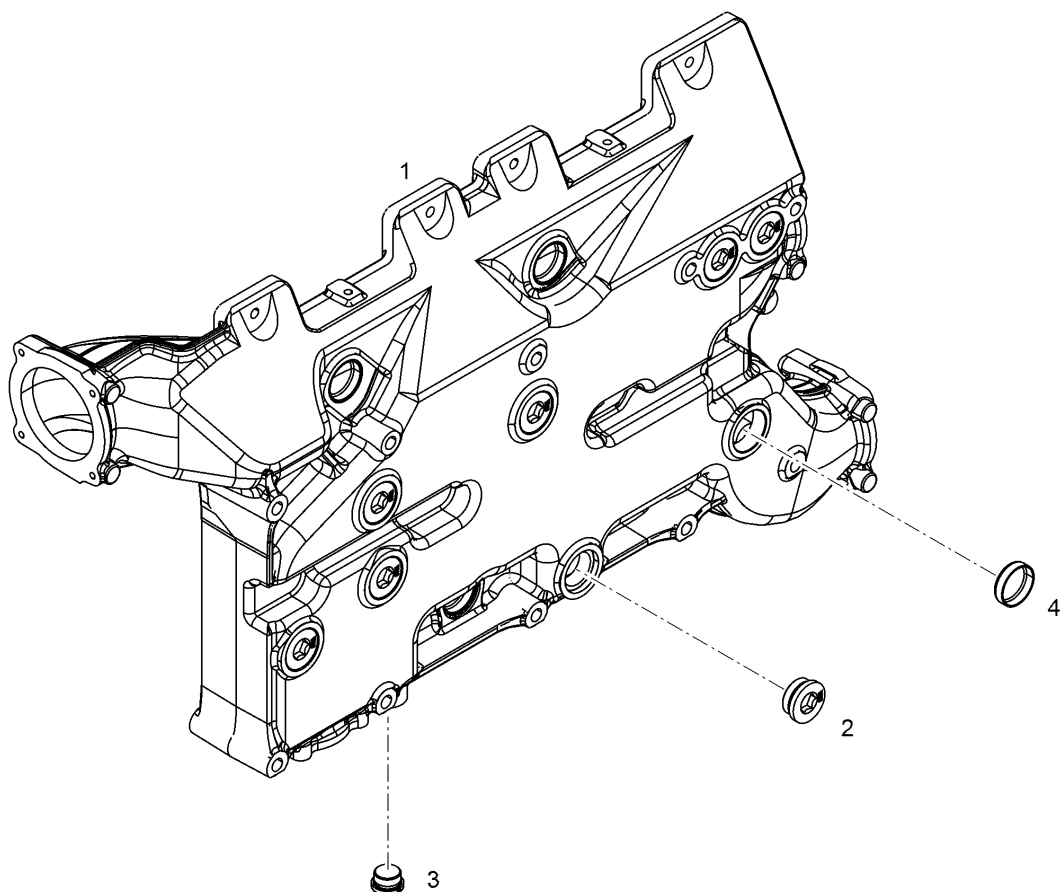
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
23	230611391	-	Screw	12	UN		
24	230611635	-	Hex screw	16	UN		
25	230611603	-	Hex screw	10	UN		
26	230611384	-	Hex screw	4	UN		
27	230611033	-	Washer	10	UN		
29	230611466	-	Test point fitting	2	UN		
30	230611349	-	Elbow	1	UN		
31	230611456	-	O-ring	1	UN		
33	230611393	-	Screw	4	UN		
34	230611353	-	Flange	2	UN		
35	230611055	-	O-ring	4	UN		
36	230611452	-	O-ring	2	UN		
38	230611512	-	Screw plug	1	UN		



Oil cooler housing pre-assy.

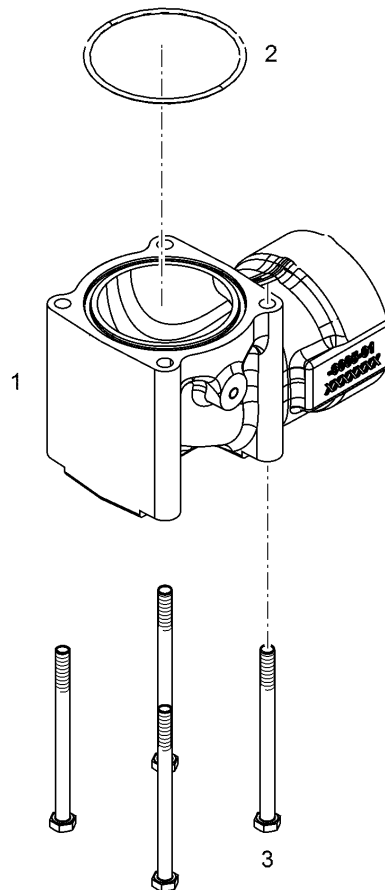
230612613

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612612	-	Oil cooler housing	1	UN		
2	230611900	-	Screw plug	7	UN		
3	230611417	-	Screw plug	1	UN		
4	230612073	-	End cover	4	UN		



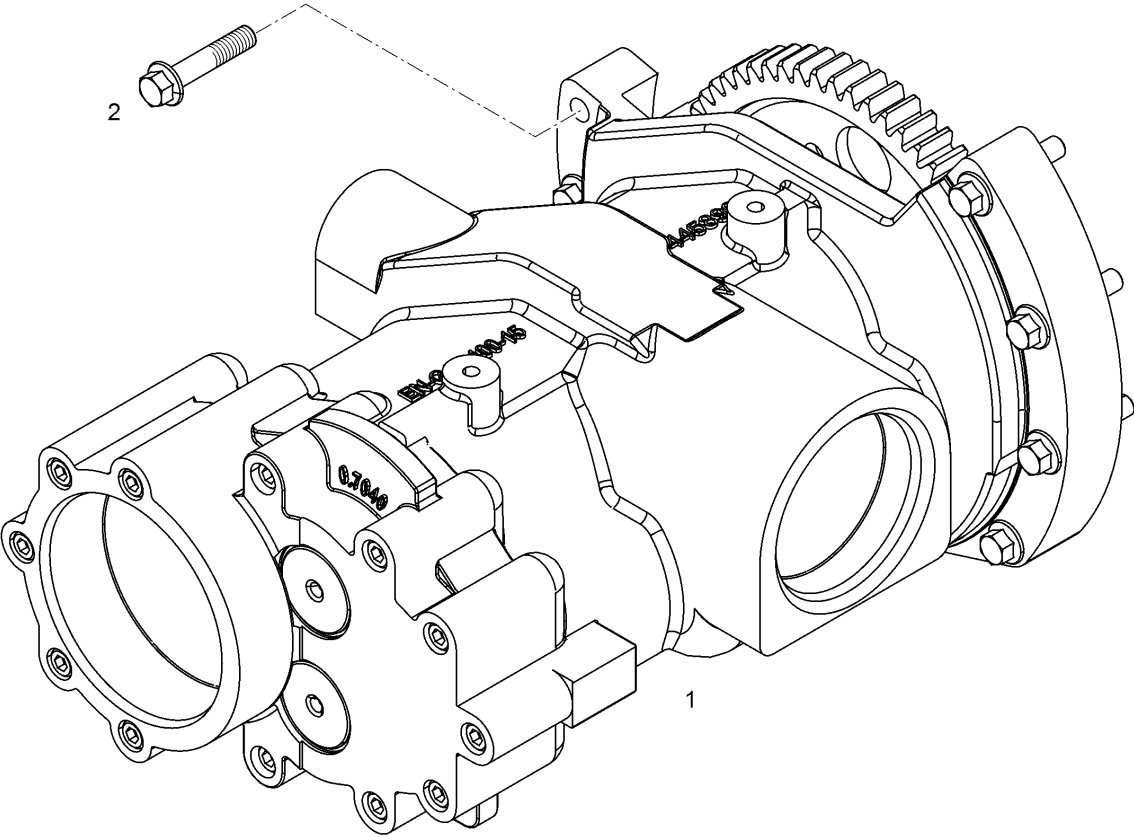
Elbow pre-assembly
230611775

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611344	-	Manifold tube	1	UN		
2	230611453	-	O-ring	1	UN		
3	230612110	-	Hex screw	4	UN		



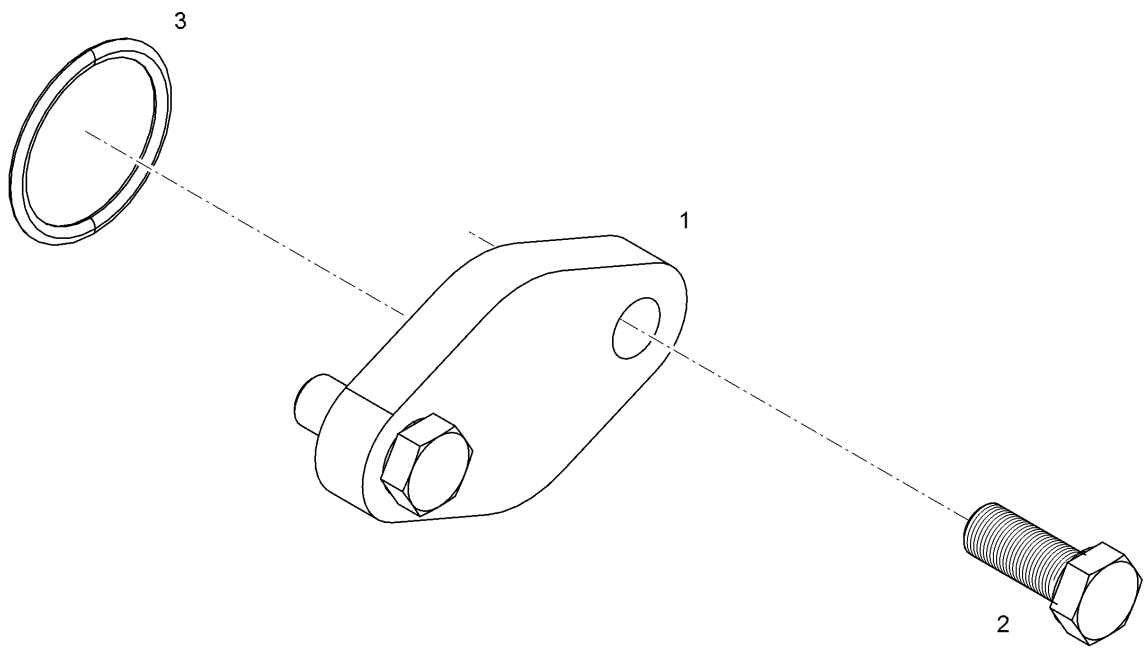
Lube oil pump with fastening
230612593

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612592	-	Lube oil pump pre-assy.	1	UN		
2	230611472	-	Screw	8	UN		



Flange assembly
230611739

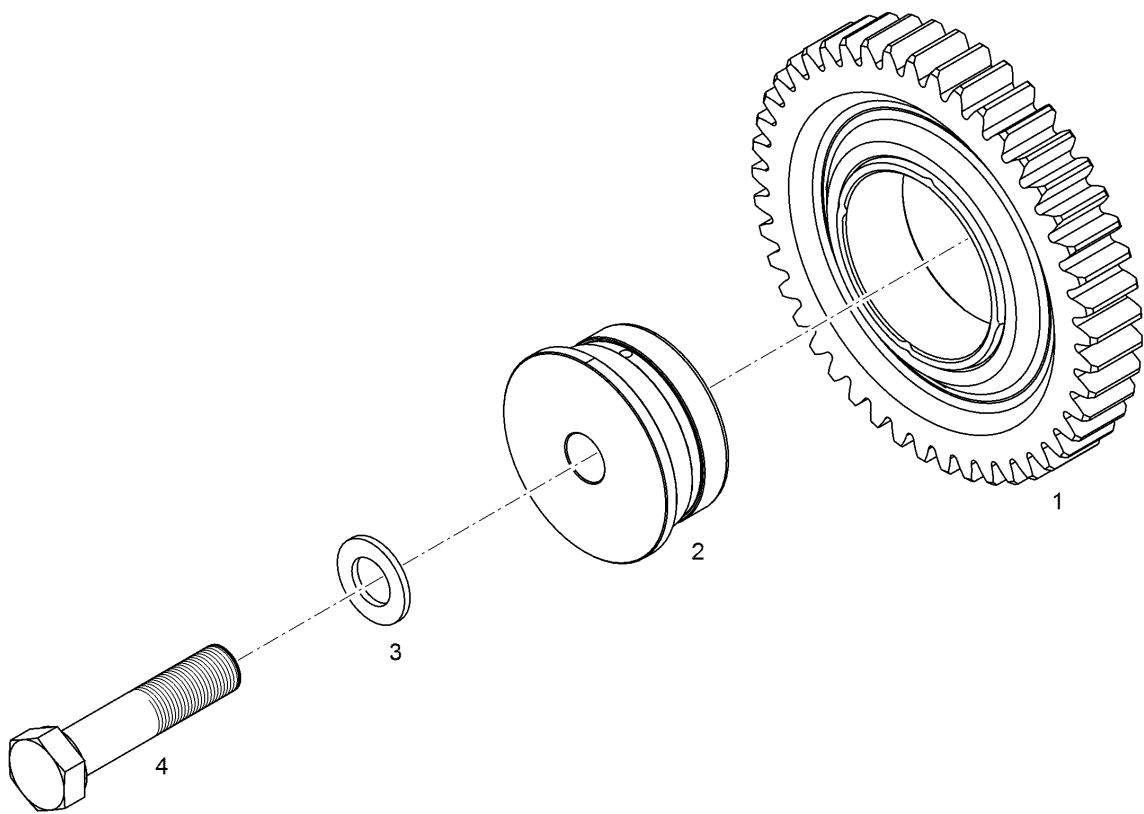
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611319	-	Flange	1	UN		
2	230611113	-	Hex screw	2	UN		
3	230611626	-	O-ring	1	UN		



Intermediate gear assembly

230612130

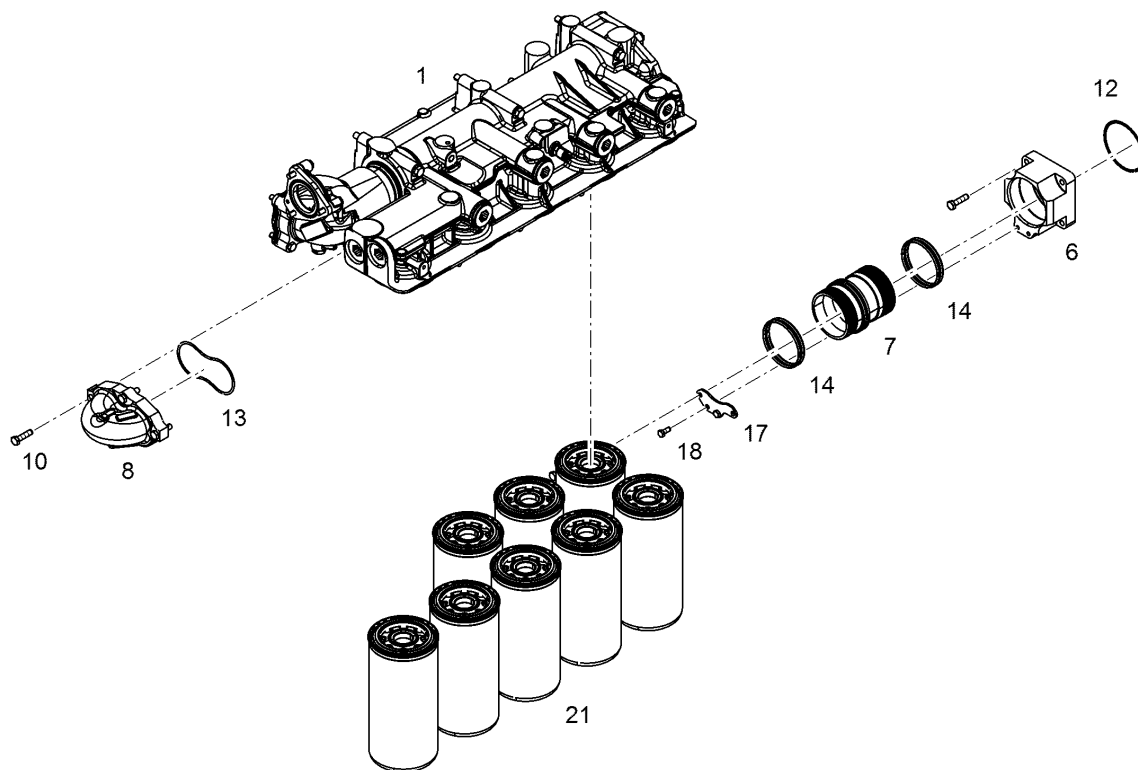
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611792	-	Intermediate gear pre-assembly	1	UN		
2	230611755	-	Intermediate wheel axle	1	UN		
3	230611677	-	Washer	1	UN		
4	230611838	-	Hex screw	1	UN		



Console oil filter assembly

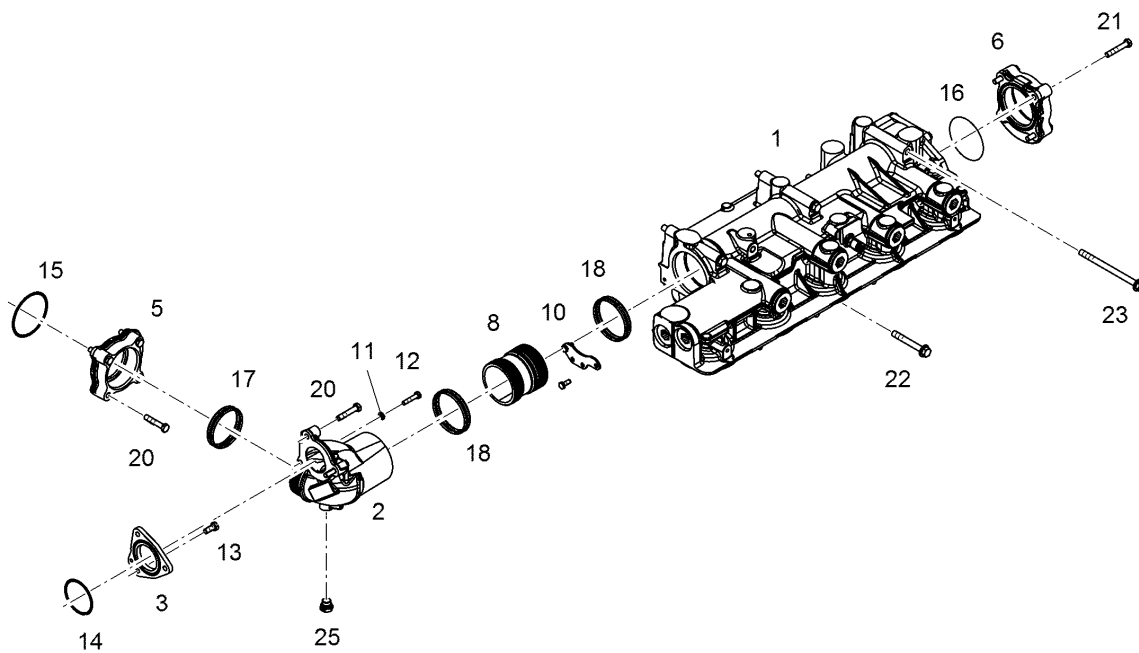
230612731

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612700	-	Console oil filter assembly	1	UN		55
6	230612759	-	Flange	1	UN		
7	230612696	-	Plug-in pipe	1	UN		
8	230612732	-	Elbow	1	UN		
10	230612719	-	Hex screw	8	UN		
12	230611624	-	O-ring	1	UN		
13	230611623	-	O-ring	1	UN		
14	230611434	-	O-ring	4	UN		
17	230612697	-	Retaining plate	1	UN		
18	230611427	-	Hex screw	2	UN		
21	230510002	-	Oil filter	8	UN		



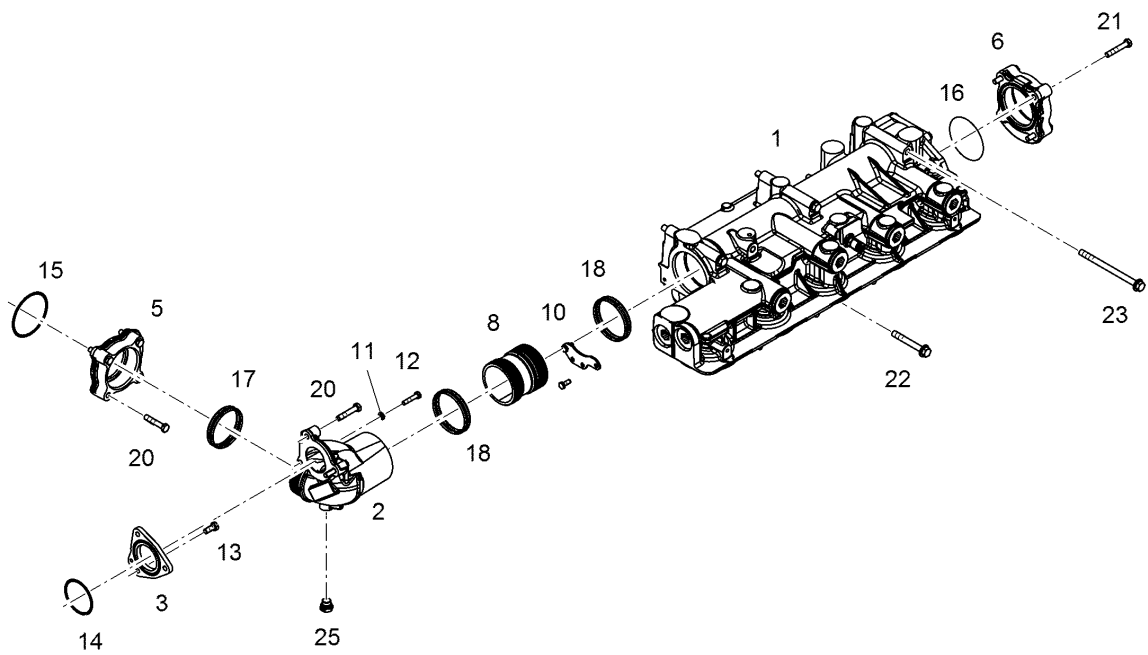
Console oil filter assembly 230612700

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612701	-	Filter head pre-assy.	1	UN		57
2	230612729	-	Elbow	1	UN		
3	230612698	-	Adaptor plate	1	UN		
5	230611326	-	Flange	1	UN		
6	230611562	-	Flange	1	UN		
8	230612694	-	Plug-in pipe	1	UN		
10	230612697	-	Retaining plate	1	UN		
11	230611676	-	Washer	1	UN		
12	230611419	-	Screw	1	UN		
13	230612720	-	Hex screw	1	UN		
14	230611615	-	O-ring	2	UN		
15	230611446	-	O-ring	1	UN		
16	230611624	-	O-ring	1	UN		
17	230611475	-	O-ring	2	UN		
18	230612723	-	O-ring	4	UN		
19	230611427	-	Hex screw	2	UN		



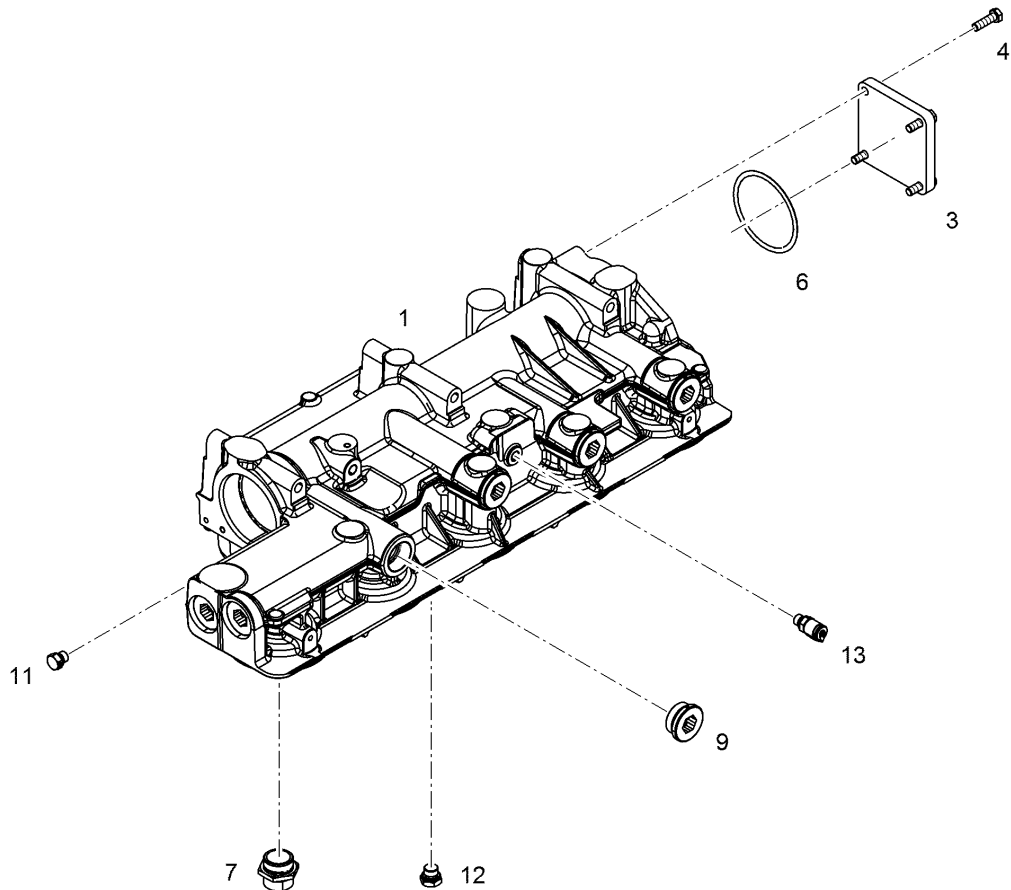
Console oil filter assembly 230612700

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
20	230611387	-	Hex screw	6	UN		
21	230611375	-	Hex screw	4	UN		
22	230612721	-	Hex screw	3	UN		
23	230612725	-	Hex screw	3	UN		
25	230611825	-	Screw plug	1	UN		



Filter head pre-assy. 230612701

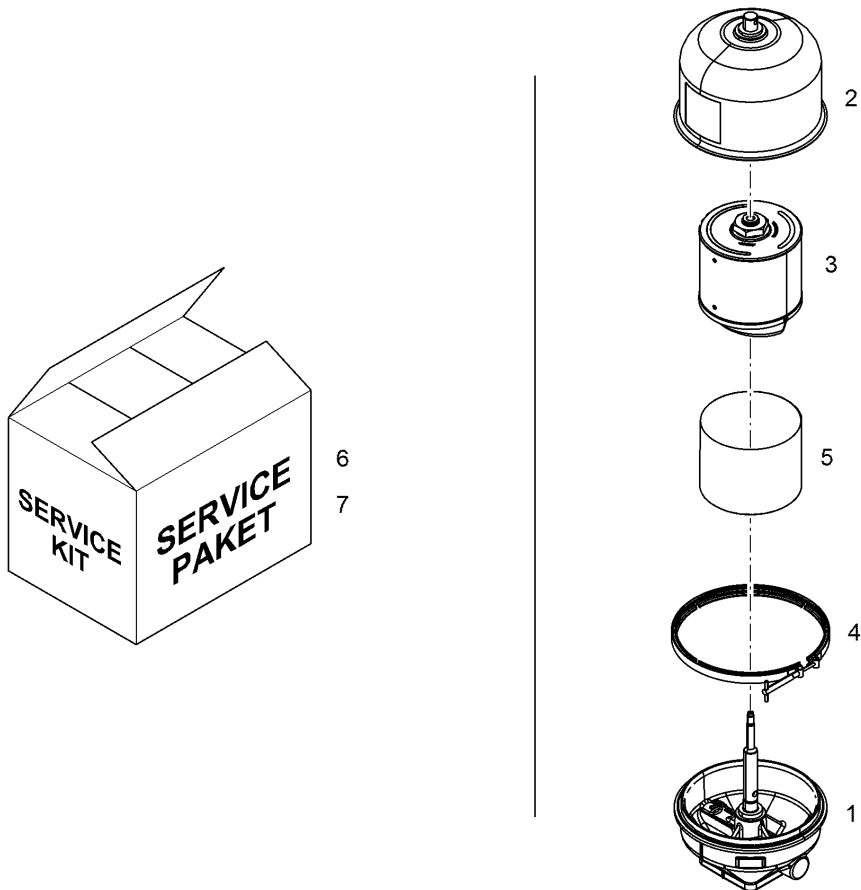
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612756	-	Filter head	1	UN		
3	230612695	-	Cover	1	UN		
4	230611484	-	Hex screw	4	UN		
6	230612724	-	O-ring	1	UN		
7	230611198	-	Union	8	UN		
9	230612722	-	Screw plug	7	UN		
11	230611512	-	Screw plug	1	UN		
12	230611825	-	Screw plug	1	UN		
13	230611466	-	Test point fitting	1	UN		



Oil centrifuge

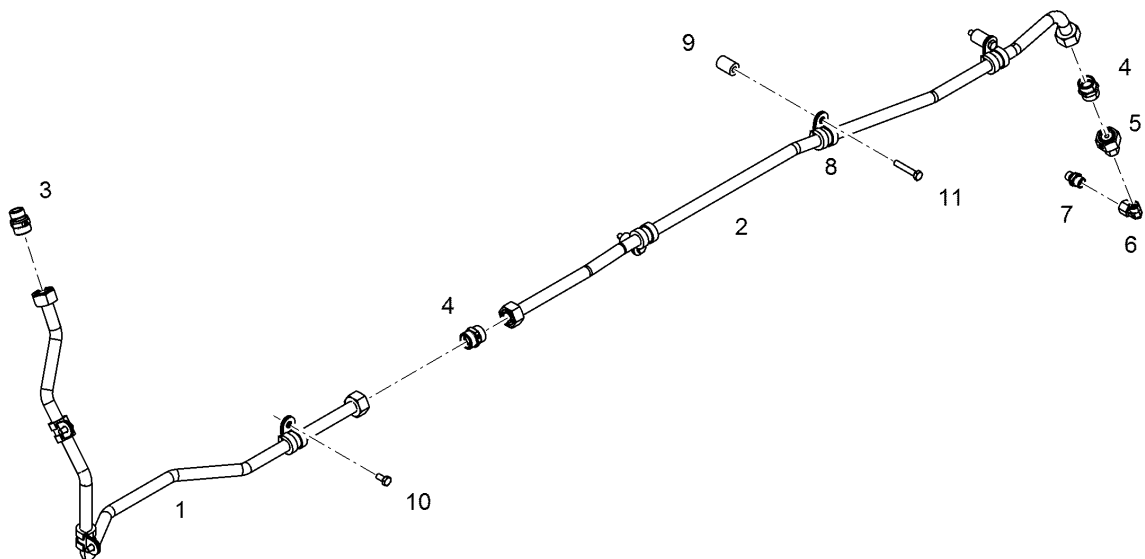
230612151

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611862	-	Filter housing	1	UN		
2	230611858	-	Filter cover	1	UN		
3	230611859	-	Rotor	1	UN		
4	230611861	-	Band clamp	1	UN		
5	230611074	-	Paper insert	1	UN		
6	230611073	-	O-ring kit	1	UN		
7	230611860	-	Circlip set	1	UN		



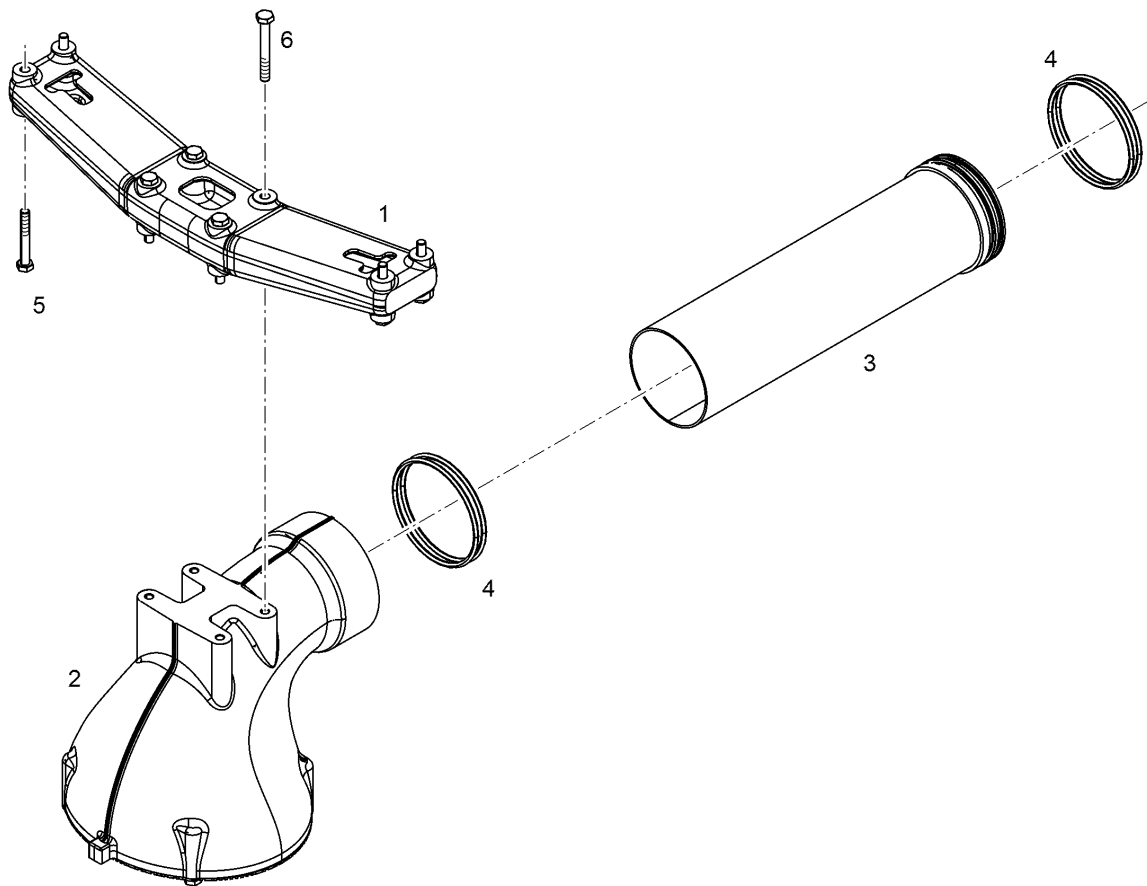
Lubricating oil line add-on 230612602

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611584	-	Lubricating oil line	1	UN		
2	230612601	-	Lubricating oil line	1	UN		
3	230611108	-	Flange joint	1	UN		
4	230611480	-	Flange joint	2	UN		
5	230611481	-	Flange joint	1	UN		
6	230611495	-	Flange joint	1	UN		
7	230611479	-	Flange joint	1	UN		
8	230611631	-	Clamp	6	UN		
9	230611144	-	Distance sleeve	3	UN		
10	230611422	-	Hex screw	3	UN		
11	230611476	-	Hex screw	3	UN		



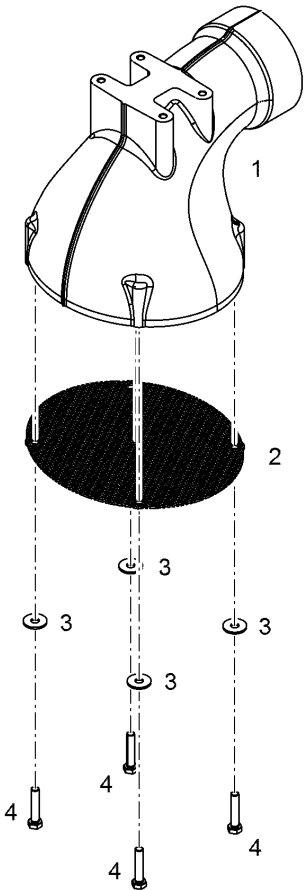
Inlet manifold annexe
230612580

Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611690	-	Holder	1	UN			
2	230612204	-	Suction funnel pre-assembly	1	UN			61
3	230612627	-	Plug-in pipe	1	UN			
4	230611617	-	O-ring	4	UN			
5	230611608	-	Hex screw	4	UN			
6	230611614	-	Hex screw	4	UN			



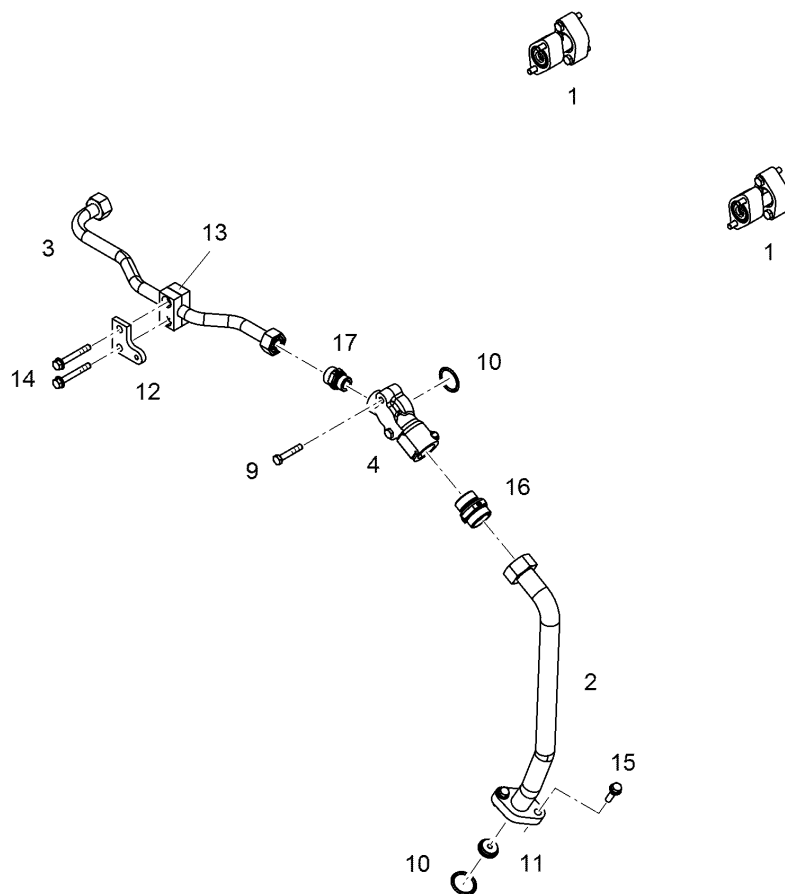
Suction funnel pre-assembly
230612204

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611691	-	Suction funnel	1	UN		
2	230611122	-	Sheet metal	1	UN		
3	230611365	-	Washer	4	UN		
4	230611686	-	Hex screw	4	UN		



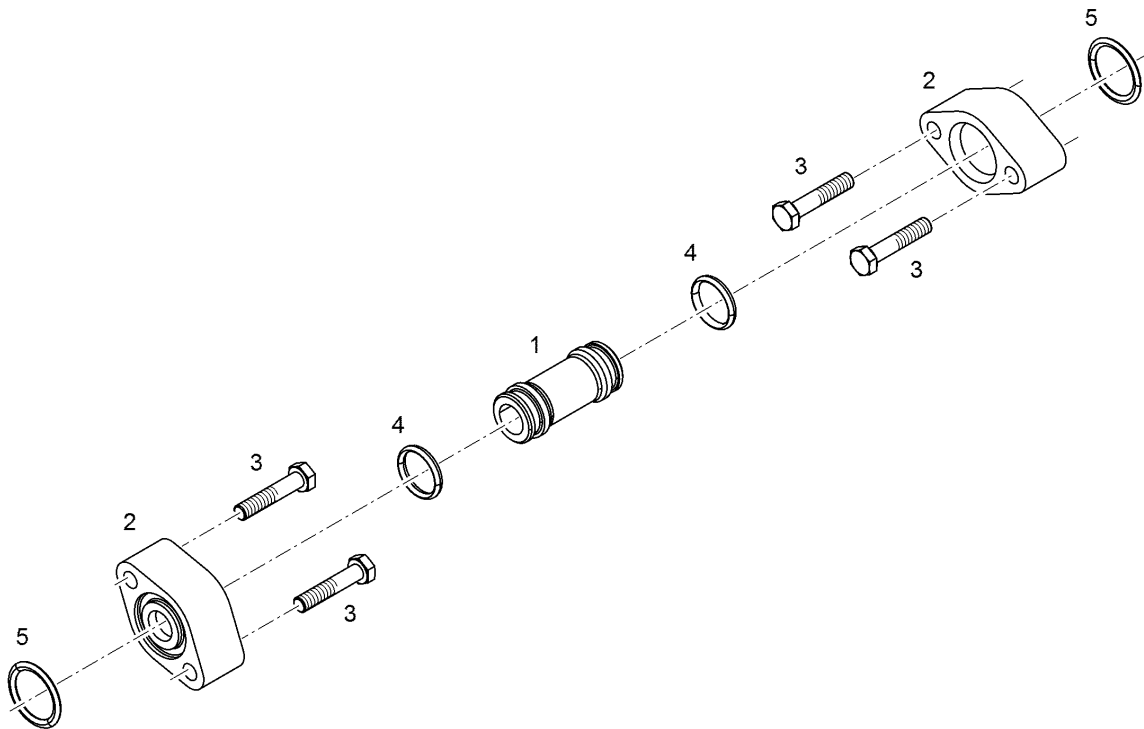
Lubricating oil line add-on
230612603

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612143	-	Lubricating oil line add-on	2	UN		63
2	230611131	-	Lubricating oil line	1	UN		
3	230611132	-	Lubricating oil line	1	UN		
4	230612027	-	Connection flange	1	UN		
9	230611420	-	Hex screw	2	UN		
10	230611820	-	O-ring	2	UN		
11	230612158	-	Orifice	1	UN		
12	230611586	-	Lid plate	1	UN		
13	230611428	-	Clamp-half	2	UN		
14	230611489	-	Hex screw	2	UN		
15	230611098	-	Hex screw	2	UN		
16	230611413	-	Flange joint	1	UN		
17	230611108	-	Flange joint	1	UN		



Lubricating oil line add-on 230612143

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611145	-	Manifold tube	1	UN		
2	230611146	-	Flange	2	UN		
3	230611419	-	Screw	4	UN		
4	230611376	-	O-ring	2	UN		
5	230611622	-	O-ring	2	UN		



High pressure pump 230612111

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611031	-	High pressure pump	1	UN		65
2	230611032	-	High pressure pump	1	UN		
3	230610726	-	Flange joint	2	UN		
4	230611054	-	Flange joint	4	UN		
5	230611047	-	Flange joint	2	UN		
6	230611044	-	Hexalobular head screw	12	UN		

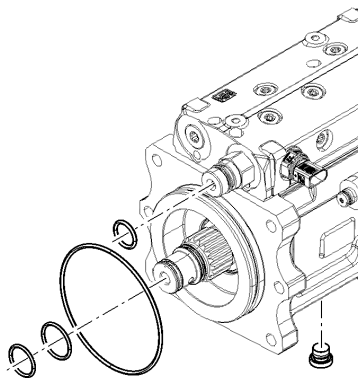
Our apologies:
No illustration is currently
available.

High pressure pump

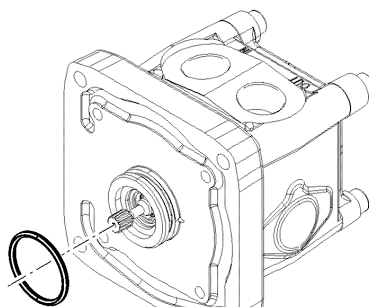
230611031

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
210	230612753	-	Seal kit high pressure pump	1	UN		66
211	230612767	-	Seal kit prefeeding pump	1	UN		67
220	230612742	-	Rk pre-feed pump	1	UN		68
230	230612743	-	Rk volum control valve	1	UN		69
240	230612761	-	Covering caps - kit	1	UN		70

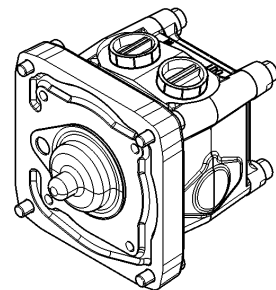
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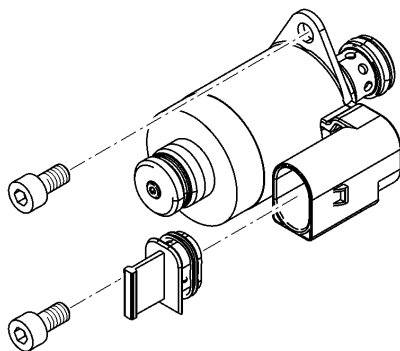
211



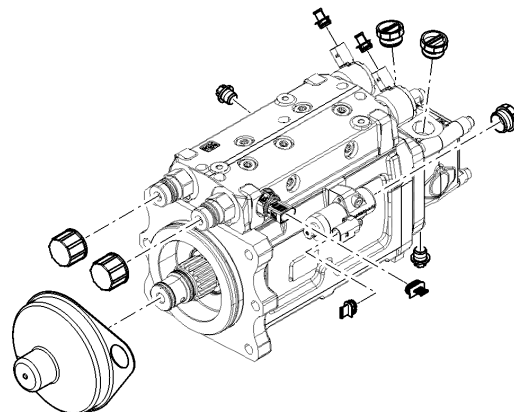
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230

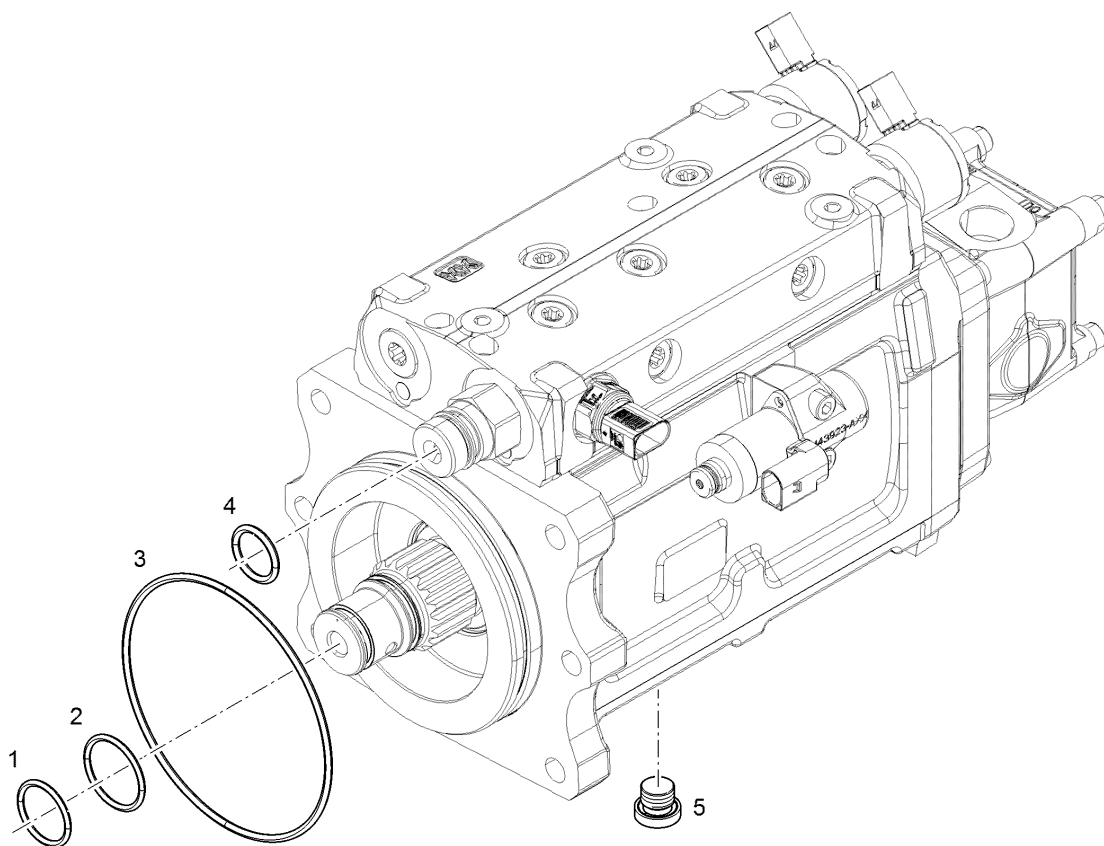


240



Seal kit high pressure pump 230612753

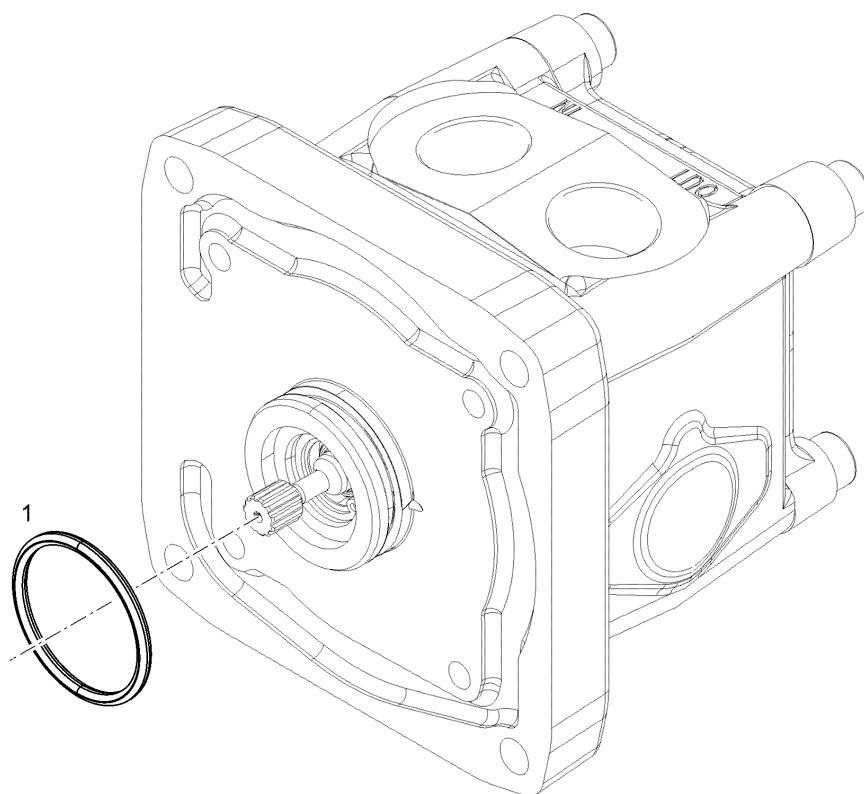
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611998	-	O-ring	1	UN		
2	230611999	-	O-ring	1	UN		
3	230610211	-	O-ring	1	UN		
4	230611650	-	O-ring	1	UN		
5	230612691	-	Screw plug	1	UN		



Seal kit prefeeding pump

230612767

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612403	-	O-ring	1	UN		
140	230612744	-	Mounting requirement	1	UN		

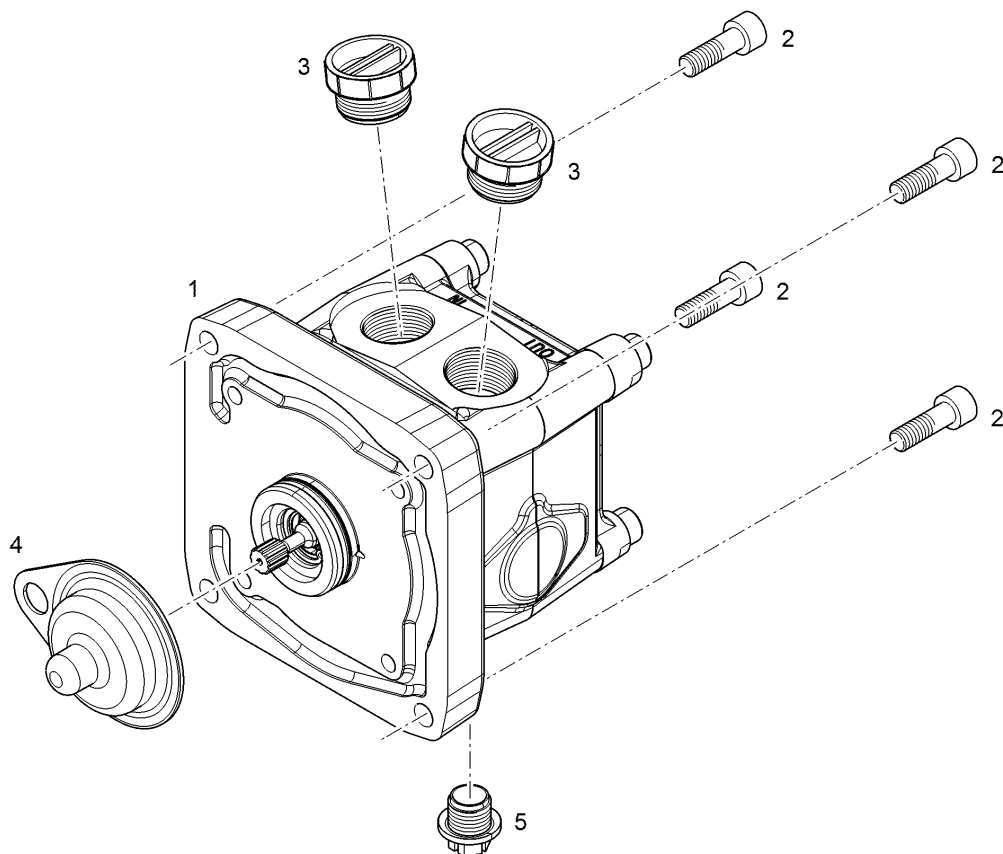


i 140

Rk pre-feed pump

230612742

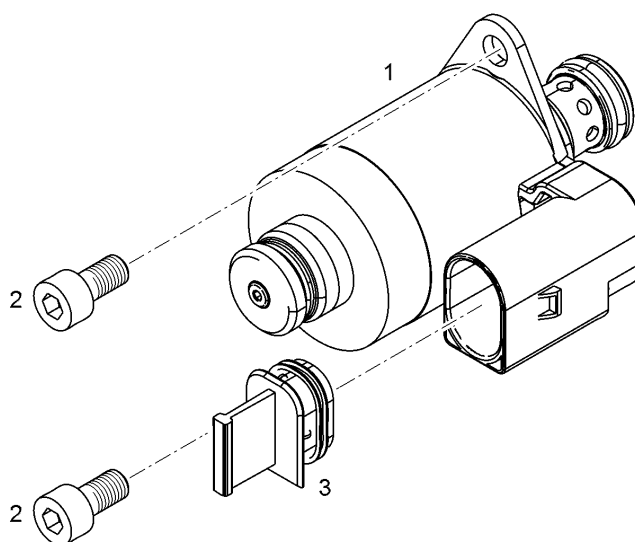
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230612741	-	Prefeeding pump	1	UN			
2	230612769	-	Socket head screw	4	UN			
3	230612690	-	Screw stopper	2	UN			
4	230612718	-	Cover lid	1	UN			
5	230612693	-	Sealing plug	1	UN			



Rk volum control valve

230612743

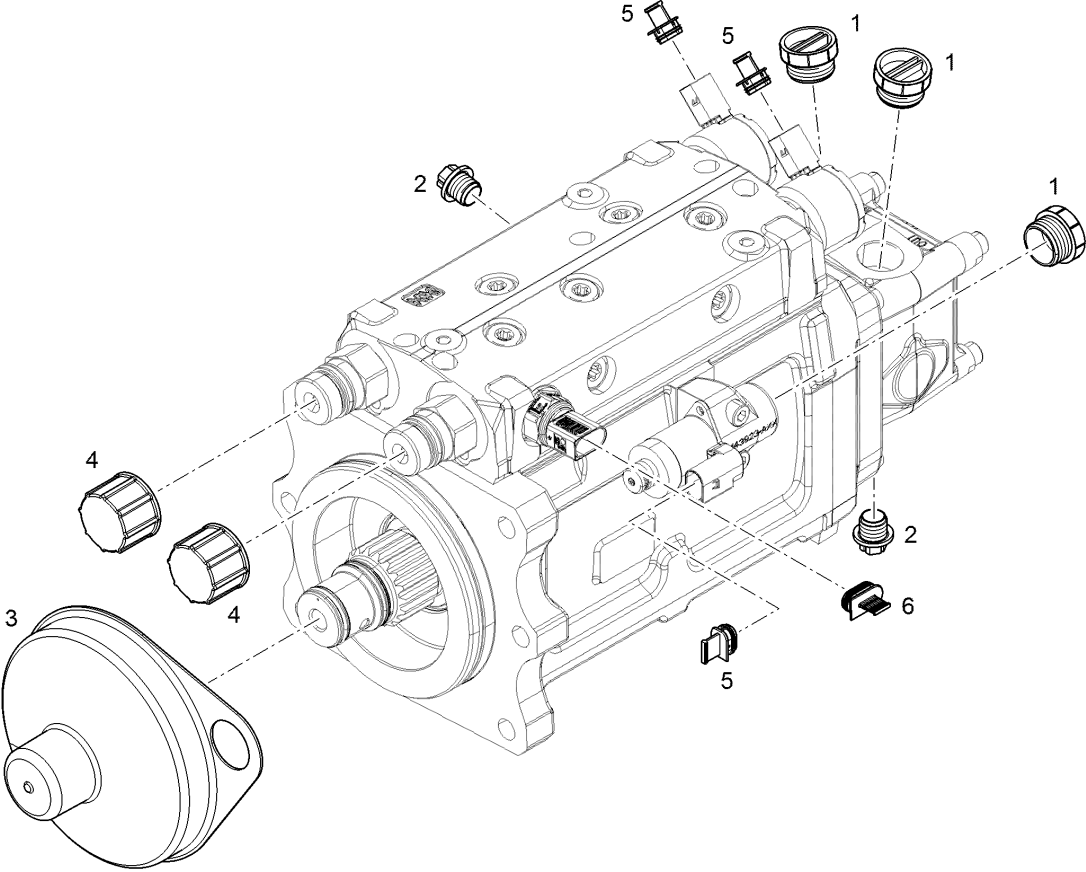
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230612726	-	Volum control valve	1	UN			
2	230612443	-	Socket head screw	2	UN			
3	230612234	-	Blanking plug	1	UN			



Covering caps - kit

230612761

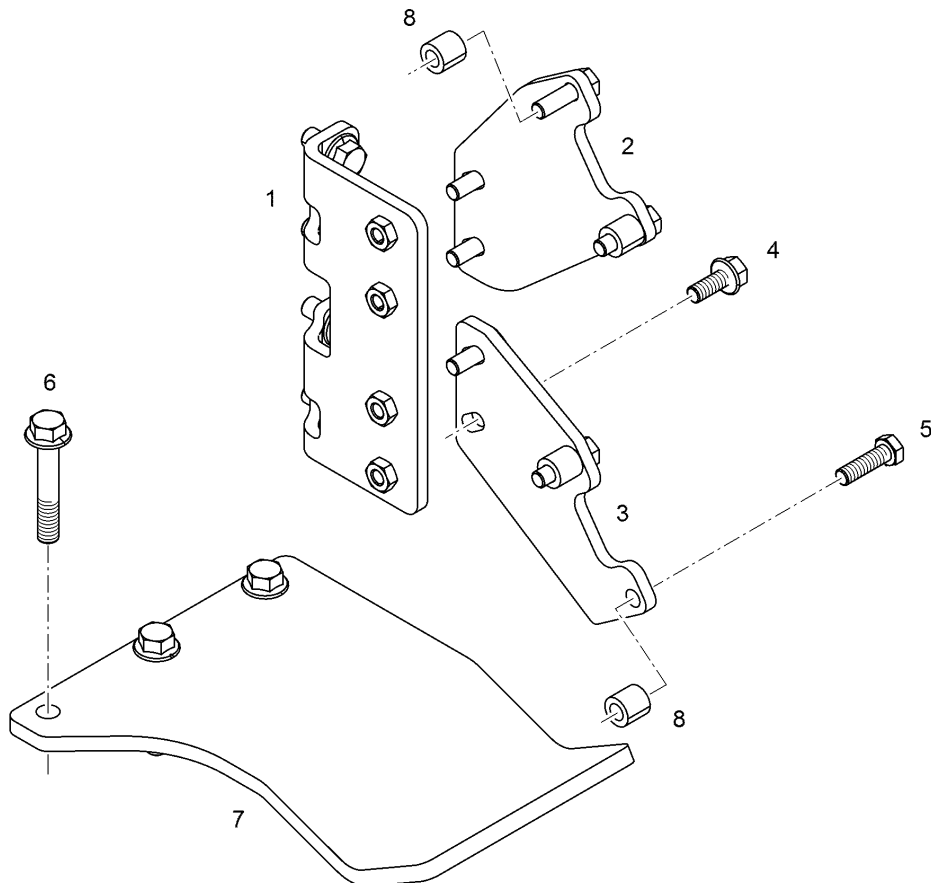
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612690	-	Screw stopper	3	UN		
2	230612693	-	Sealing plug	2	UN		
3	230612692	-	Cover lid	1	UN		
4	230612717	-	Sealing plug	2	UN		
5	230612234	-	Blanking plug	3	UN		
6	230612233	-	Blanking plug	1	UN		



Holder

230612112

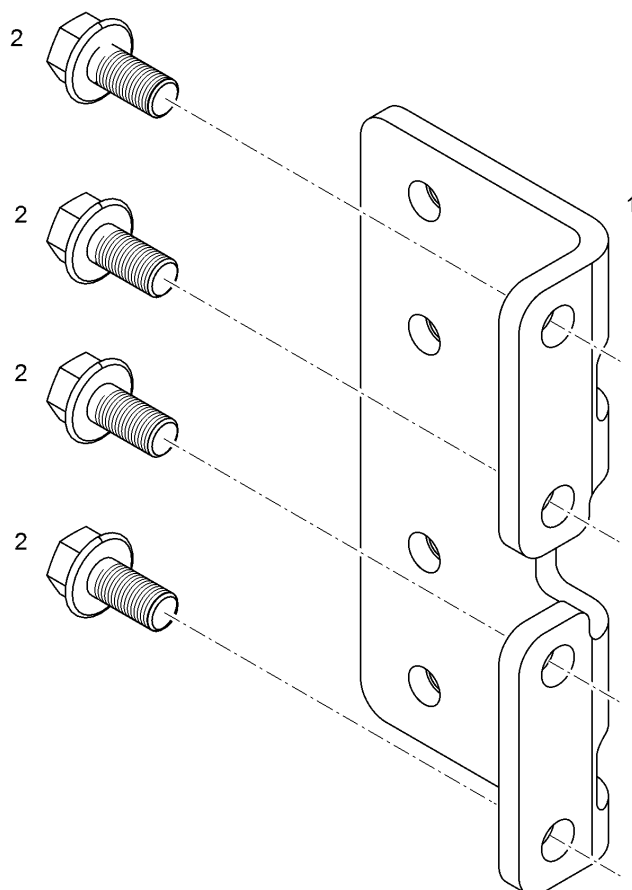
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611184	-	Holder	1	UN		72
2	230612115	-	Holder	1	UN		
3	230612116	-	Holder	1	UN		
4	230611096	-	Hex screw	4	UN		
5	230611112	-	Hex screw	4	UN		
6	230611099	-	Hex screw	3	UN		
7	230611574	-	Plate	1	UN		
8	230611591	-	Distance sleeve	4	UN		
					05.17.2017 ->	->	



Holder

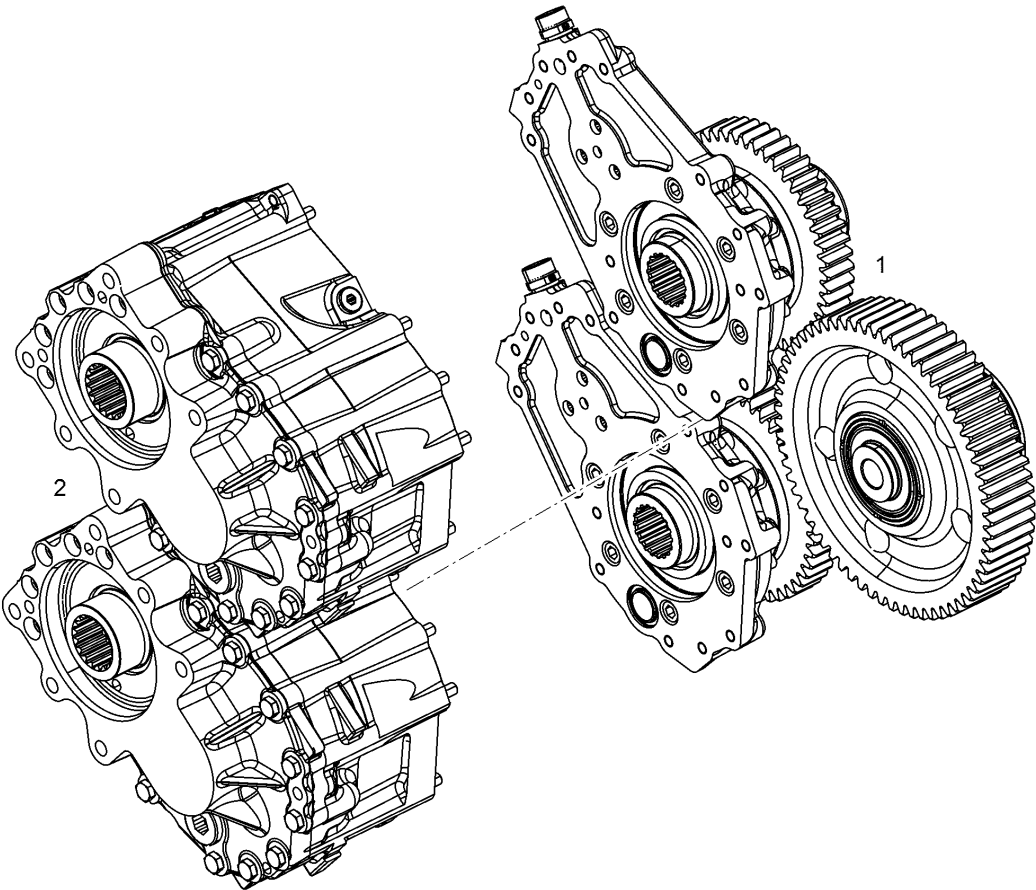
230611184

Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611183	-	Bracket	1	UN			
2	230611106	-	Screw	4	UN			



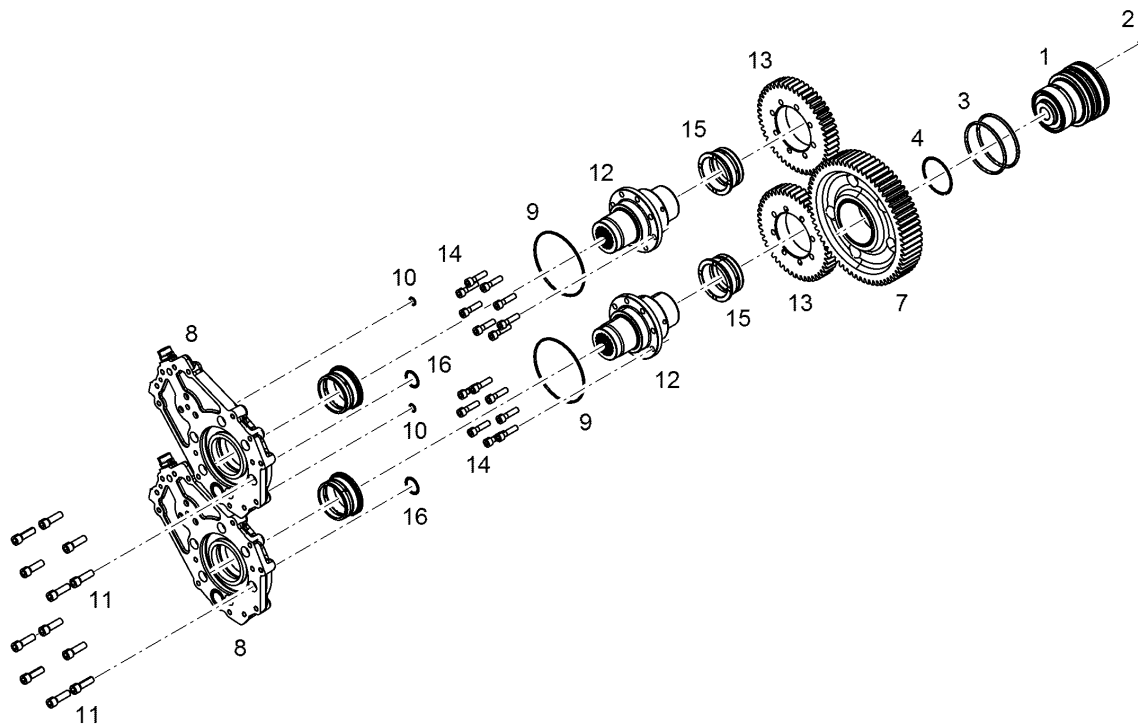
Drive for high pressure pump
230612065

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612066	-	Drive for high pressure pump	1	UN		74
2	230611715	-	Drive for high pressure pump	2	UN		



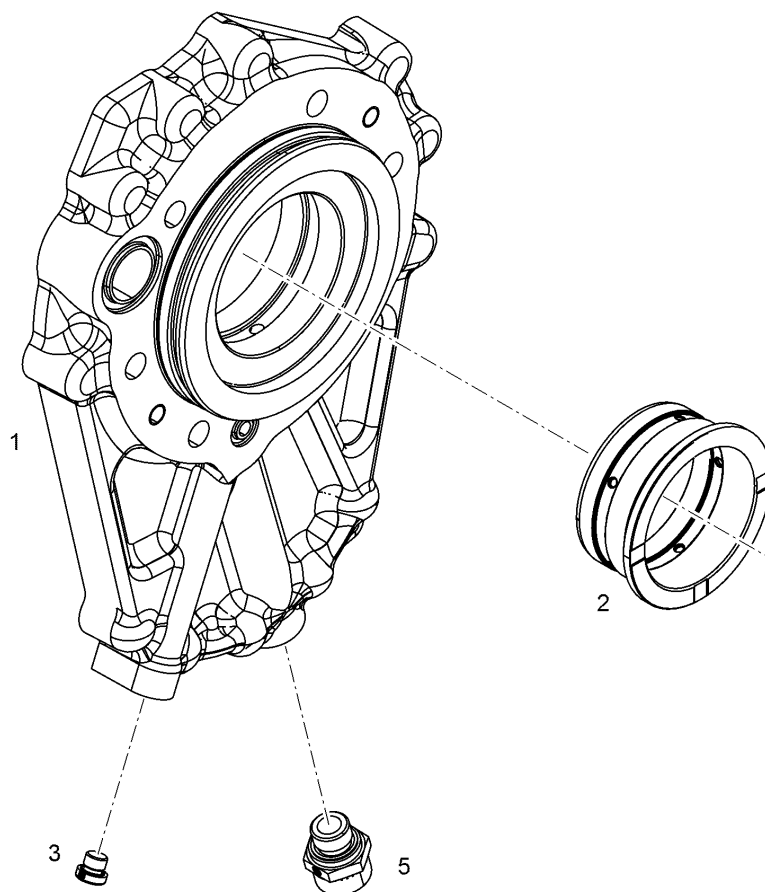
Drive for high pressure pump 230612066

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611350	-	Wheel	1	UN		
2	230611616	-	Cap	1	UN		
3	230611107	-	O-ring	2	UN		
4	230611386	-	O-ring	1	UN		
7	230611361	-	Gear	1	UN		
8	230611714	-	Connecting flange pre-assy.	2	UN		75
9	230611623	-	O-ring	2	UN		
10	230611485	-	O-ring	2	UN		
11	230611687	-	Socket head screw	12	UN		
12	230611733	-	Drive shaft	2	UN		
13	230611791	-	Spur wheel	2	UN		
14	230611802	-	Socket head screw	16	UN		
15	230611711	-	Plain bearing bushing	2	UN		
16	230611394	-	O-ring	2	UN		



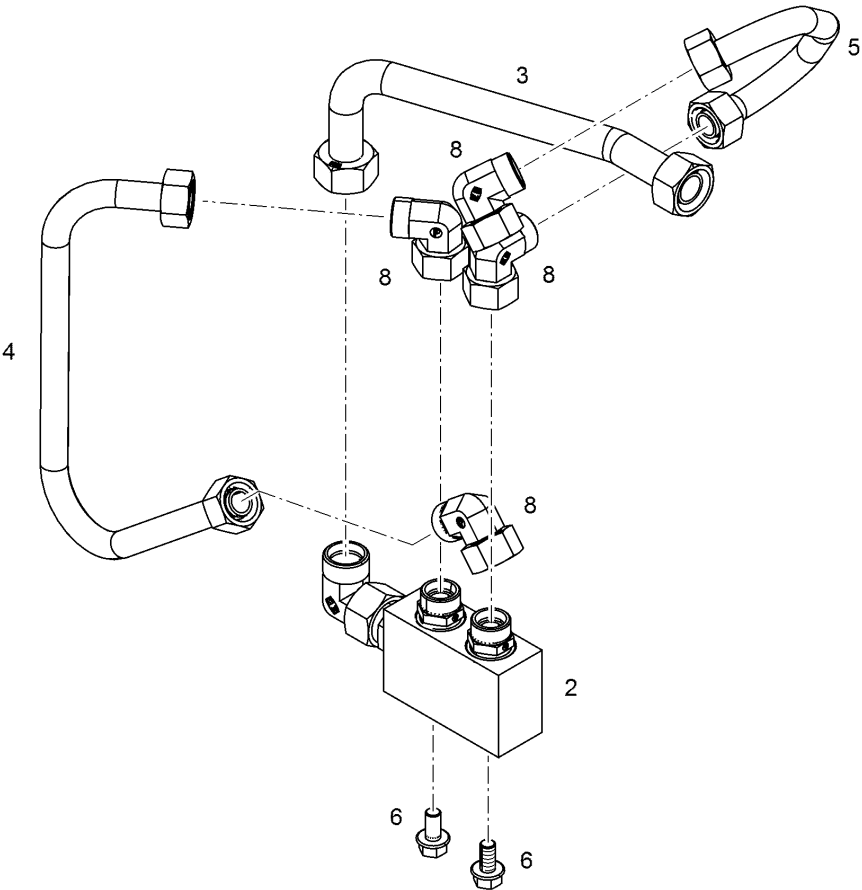
Connecting flange pre-assy. 230611714

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612030	-	Connection flange	1	UN		
2	230611711	-	Plain bearing bushing	1	UN		
3	230611459	-	Cap	1	UN		
5	230611366	-	Union	1	UN		



Oil line assembly
230612157

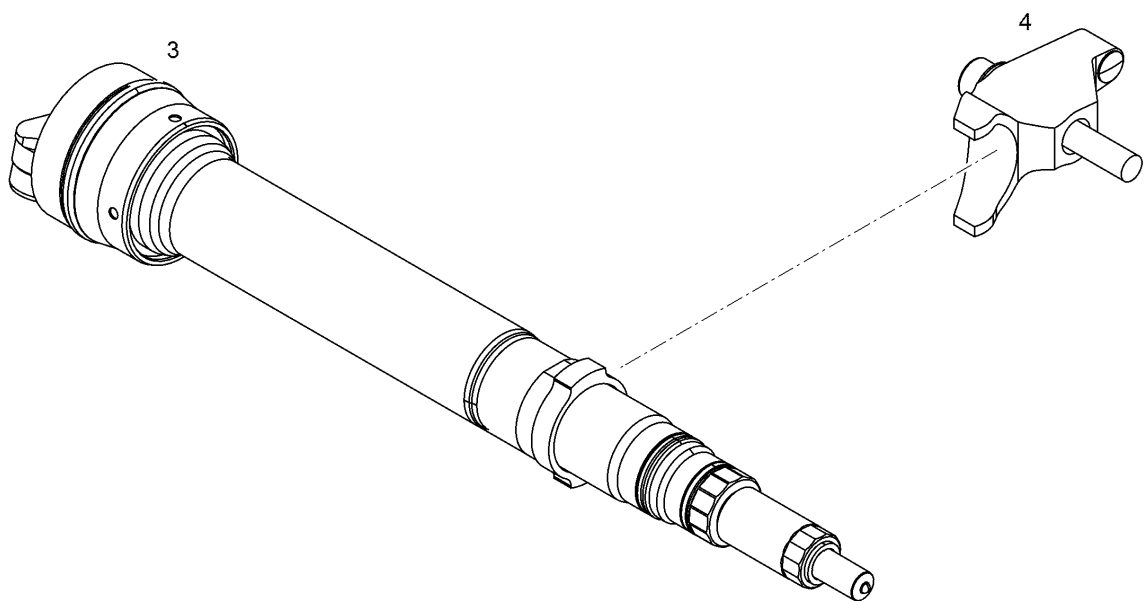
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
2	230611701	-	Distributor block	1	UN			
3	230611174	-	Lubricating oil line	1	UN			
4	230611175	-	Lubricating oil line	1	UN			
5	230611176	-	Lubricating oil line	1	UN			
6	230611440	-	Hex screw	2	UN			
8	230611502	-	Flange joint	4	UN			



Injector

230612124

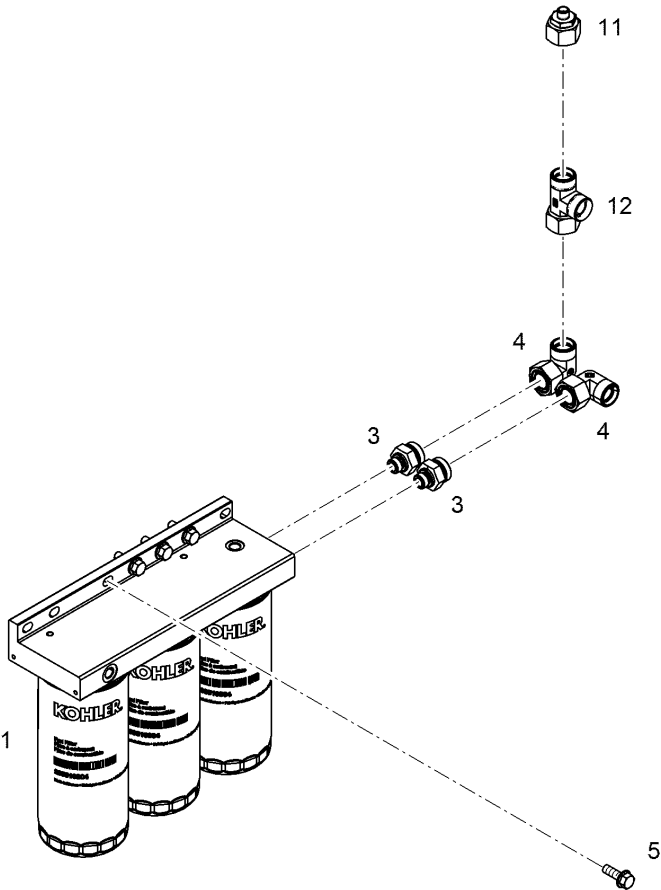
Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
3	230611030	-	Injector assy	1	UN		
4	230611034	-	Clamp	1	UN		



Fuel fine-filter assembly

230612738

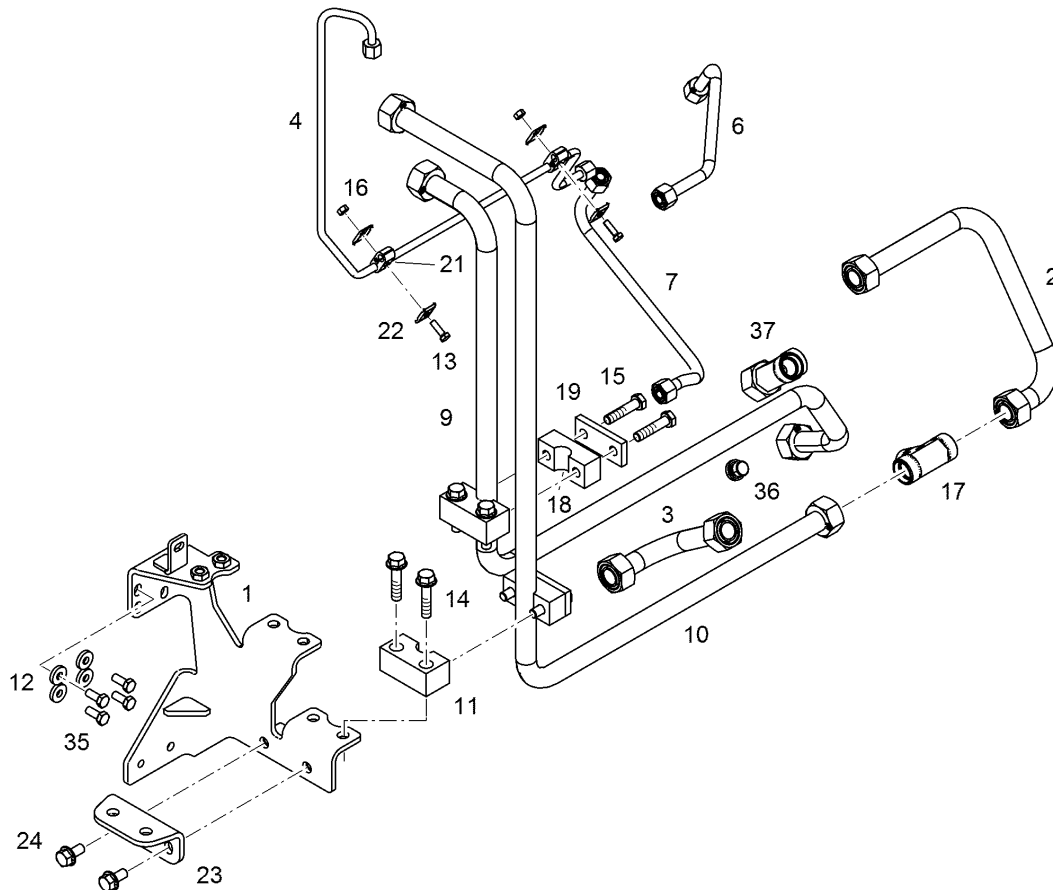
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612739	-	Fuel fine filter	1	UN		
3	230611411	-	Flange joint	2	UN		
4	230611508	-	Flange joint	2	UN		
5	230611441	-	Hex screw	4	UN		
11	230611523	-	Flange joint	1	UN		
12	230611516	-	Flange joint	1	UN		
14	230611462	-	Hex screw	2	UN		



Fuel lines

230612735

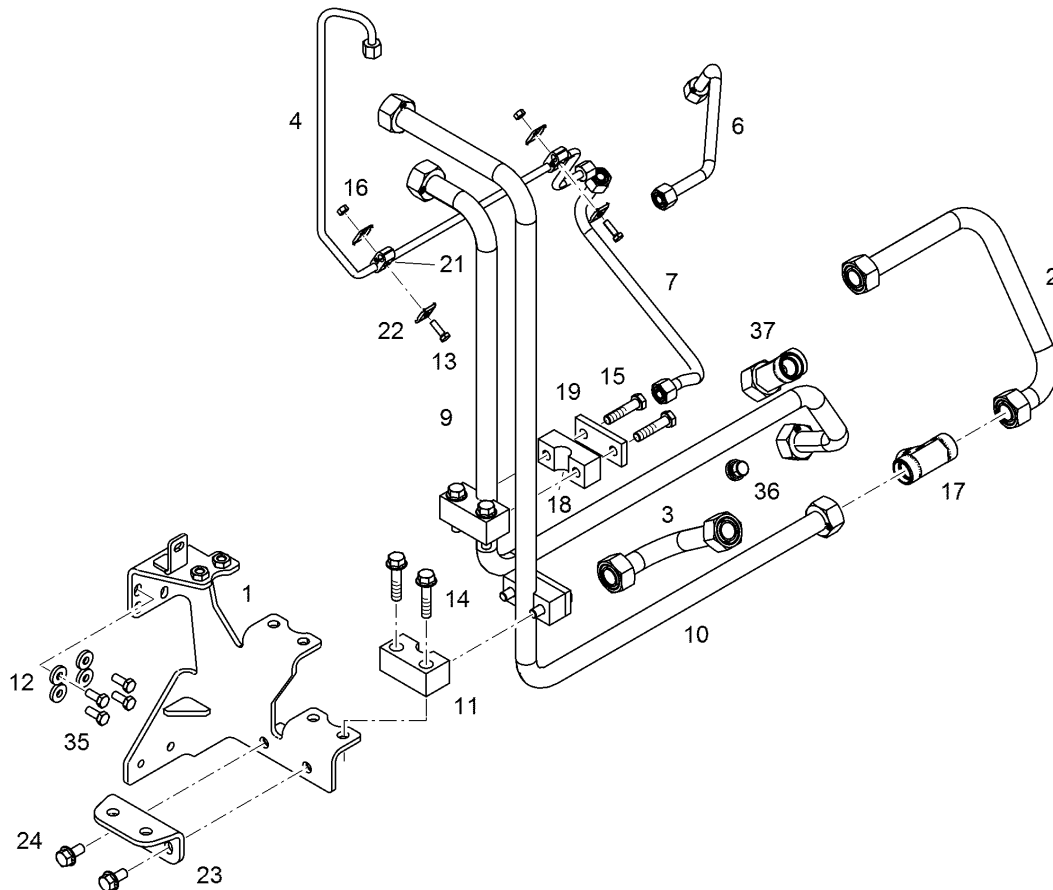
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611160	-	Retaining plate	1	UN			
2	230612764	-	Fuel line	1	UN			
3	230612765	-	Fuel line	1	UN			
4	230611203	-	Fuel line	1	UN			
6	230611154	-	Overflow-oil line	1	UN			
7	230611161	-	Overflow-oil line	1	UN			
9	230611563	-	Fuel line	1	UN			
10	230612763	-	Fuel line	1	UN			
11	230611168	-	Clamp-half	2	UN			
12	230611538	-	Washer	4	UN			
13	230611402	-	Hex screw	3	UN			
14	230611442	-	Hex screw	4	UN			
15	230611429	-	Hex screw	4	UN			
16	230611500	-	Hex nut	3	UN			
17	230611606	-	Flange joint	1	UN			
18	230611486	-	Clamp-half	2	UN			



Fuel lines

230612735

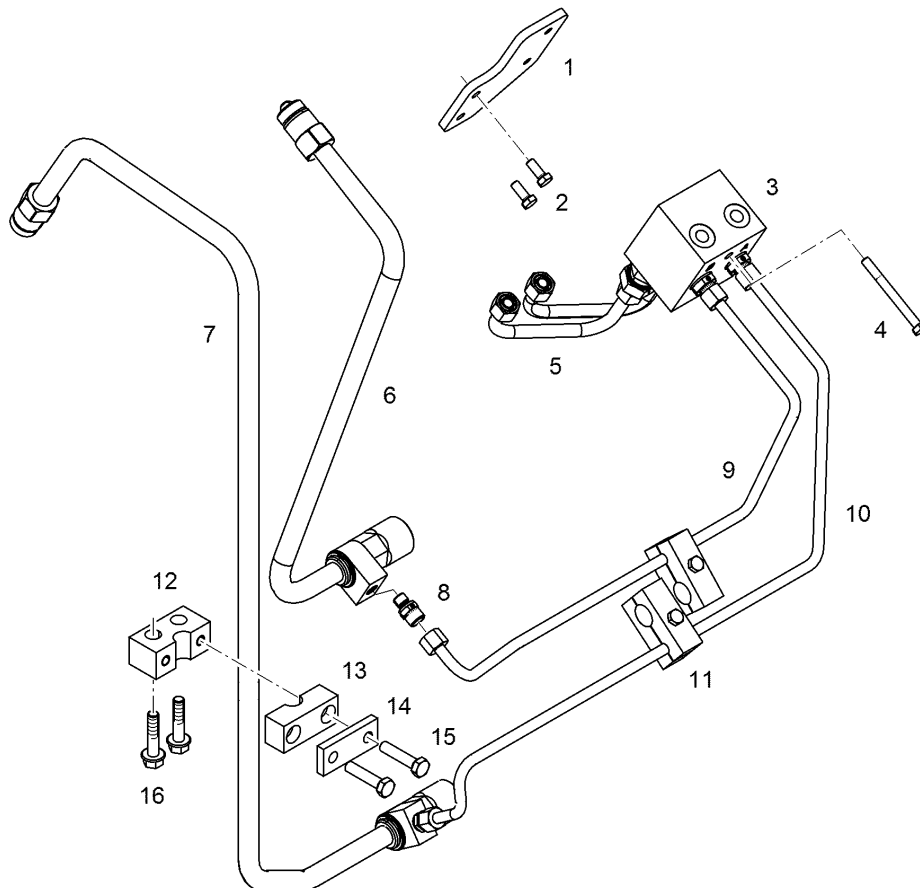
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
19	230611438	-	Lid plate	2	UN			
21	230611492	-	Double pipe clamp	3	UN			
22	230611483	-	Lid plate	6	UN			
23	230612638	-	Retaining plate	1	UN			
24	230611440	-	Hex screw	2	UN			
25	230611435	-	Screw	2	UN			
35	230611427	-	Hex screw	4	UN			
36	230611410	-	Screw plug	1	UN			
37	230611516	-	Flange joint	1	UN			



Injection lines

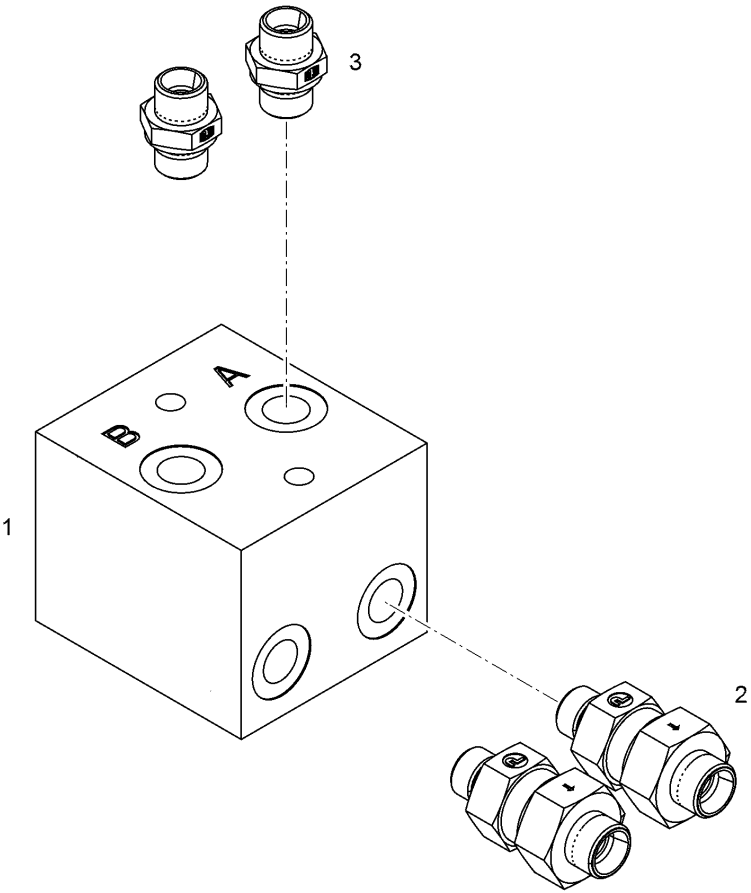
230612120

Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611165	-	Retaining plate	1	UN			
2	230611427	-	Hex screw	2	UN			
3	230611171	-	Distributor block	1	UN			82
4	230611379	-	Hex screw	2	UN			
5	230611153	-	Overflow-oil line	2	UN			
6	230611079	-	Fuel line	1	UN			
7	230611080	-	Fuel line	1	UN			
8	230611405	-	Flange joint	2	UN			
9	230611265	-	Overflow-oil line	1	UN			
10	230611264	-	Overflow-oil line	1	UN			
11	230611170	-	Pipe clamp	2	UN			84
12	230611552	-	Clamp-half	1	UN			
13	230611541	-	Clamp-half	1	UN			
14	230611438	-	Lid plate	1	UN			
15	230611100	-	Hex screw	2	UN			
16	230611442	-	Hex screw	2	UN			



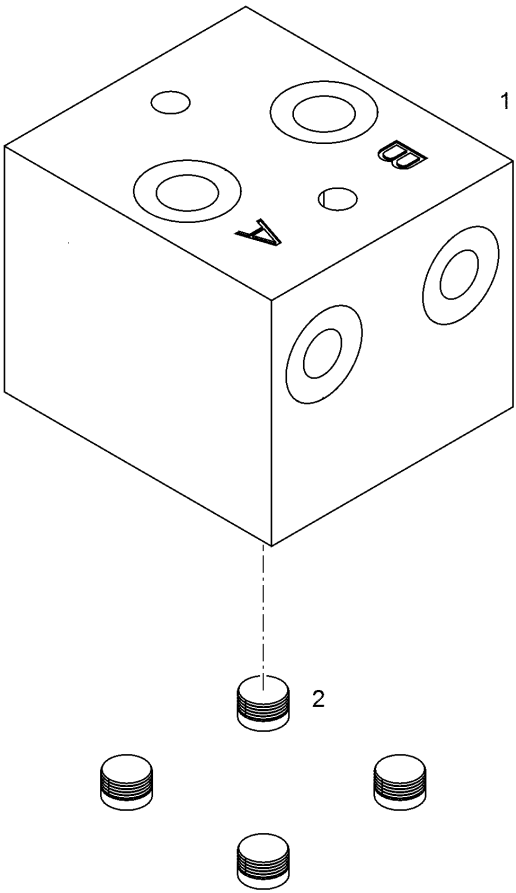
Distributor block
230611171

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611697	-	Distributor block	1	UN		83
2	230611853	-	Non-return valve	2	UN		
3	230611684	-	Flange joint	2	UN		



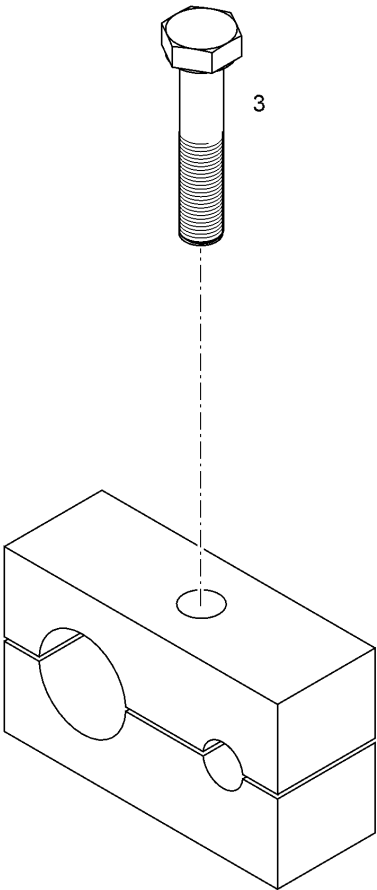
Distributor block
230611697

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612059	-	Distributor block	1	UN		
2	230610470	-	Sealing plug	4	UN		



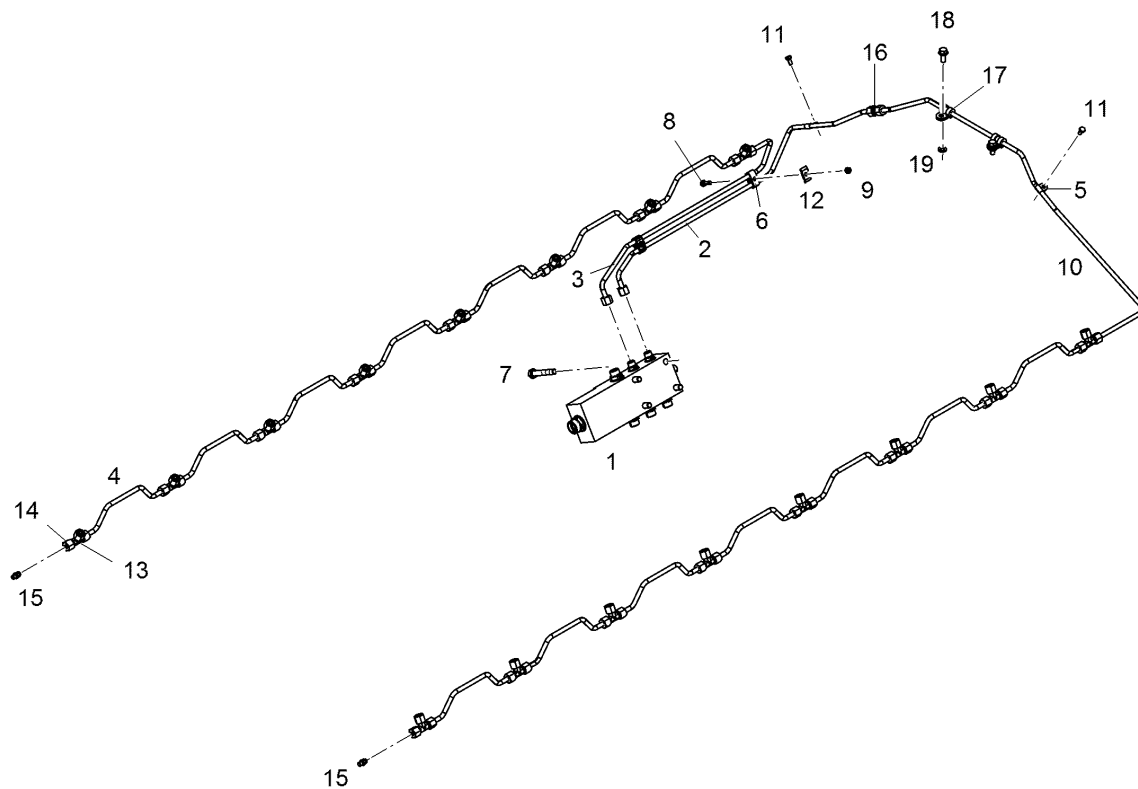
Pipe clamp
230611170

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
3	230611419	-	Screw	1	UN		



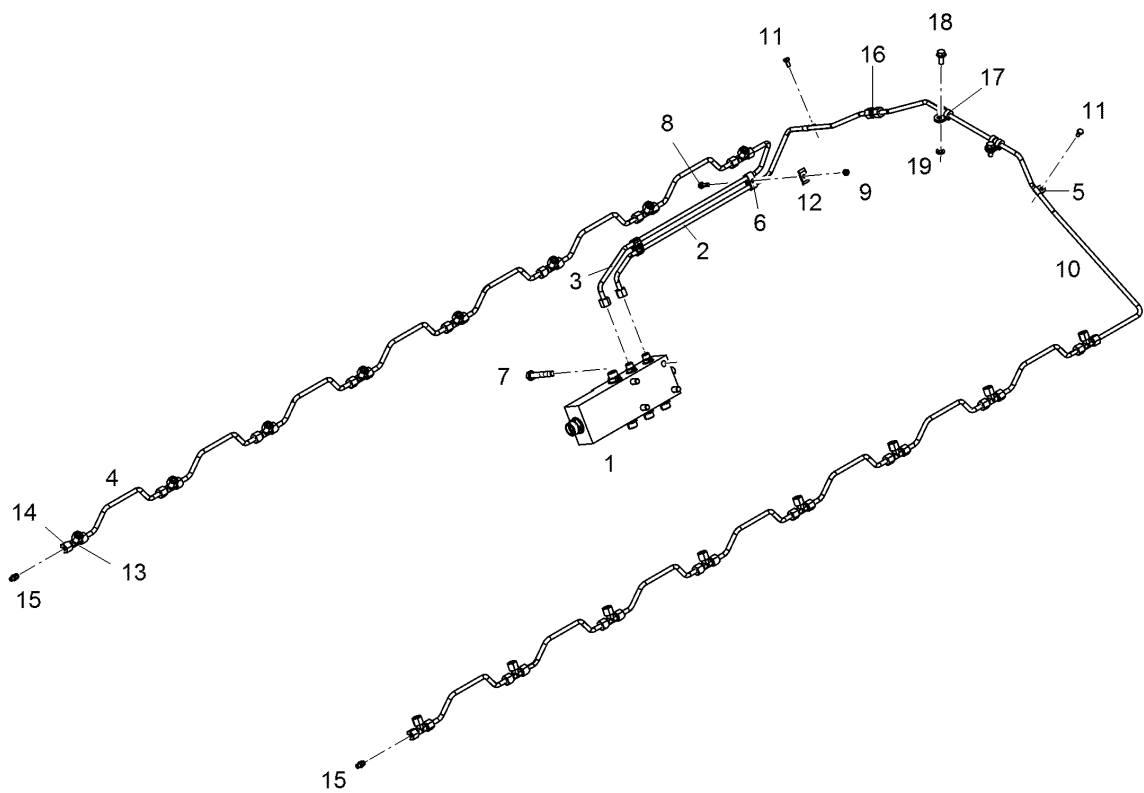
Fuel return pipe add-on 230612736

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612058	-	Distributor block	1	UN		87
2	230611746	-	Overflow-oil line	1	UN		
3	230611706	-	Overflow-oil line	1	UN		
4	230612745	-	Fuel return pipe	14	UN		
5	230611407	-	Clamp	2	UN		
6	230611492	-	Double pipe clamp	2	UN		
7	230611391	-	Screw	4	UN		
8	230611402	-	Hex screw	2	UN		
9	230611500	-	Hex nut	2	UN		
10	230611747	-	Overflow-oil line	1	UN		
11	230611496	-	Hex screw	2	UN		
12	230611483	-	Lid plate	4	UN		
13	230611835	-	Flange joint	16	UN		
14	230611819	-	Box nut	2	UN		
15	230611840	-	Flange joint	2	UN		
16	230611885	-	Flange joint	1	UN		



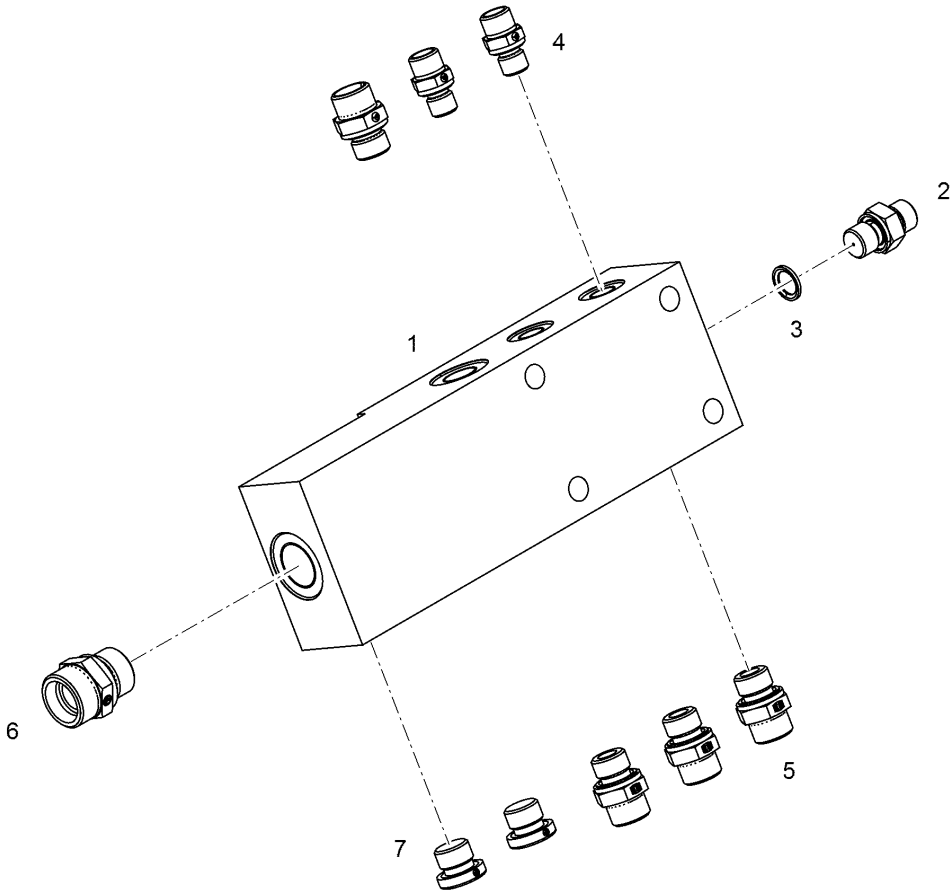
Fuel return pipe add-on
230612736

Po S.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
17	230611632	-	Clamp	2	UN			
18	230611470	-	Hex screw	2	UN			
19	230611676	-	Washer	4	UN			



Distributor block
230612058

Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611745	-	Distributor block	1	UN			
2	230611698	-	Screw-on connection	1	UN			
3	230611670	-	Profile packing	1	UN			
4	230611663	-	Flange joint	2	UN			
5	230611689	-	Flange joint	4	UN			
6	230611108	-	Flange joint	1	UN			
7	230611410	-	Screw plug	2	UN			



Injection lines

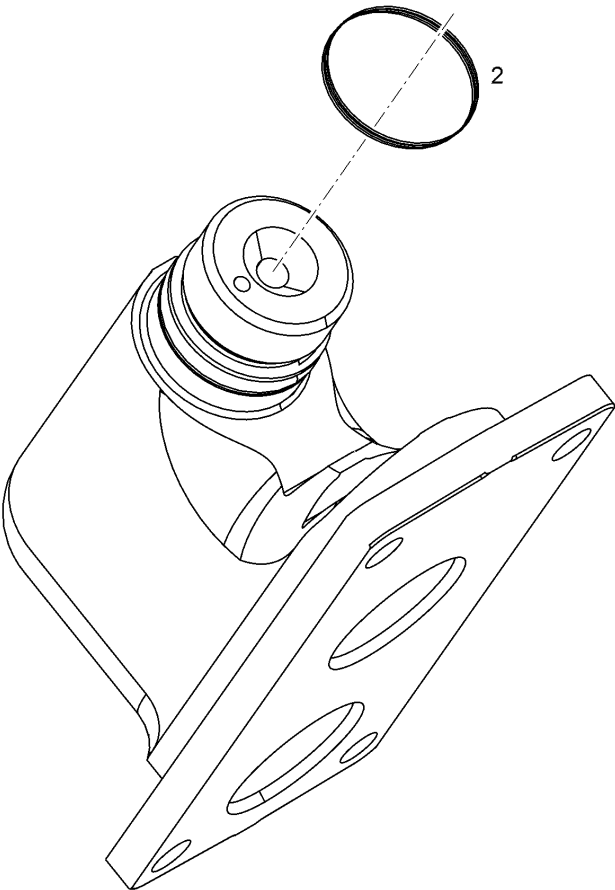
230612577

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611866	-	Distributor block	14	UN		89
2	230611869	-	Distributor block	1	UN		
3	230611867	-	Distributor block	2	UN		90
4	230611841	-	Socket head screw	64	UN		
5	230611857	-	Socket head screw	2	UN		
10	230611737	-	Fuel line	14	UN		91
11	230611736	-	Fuel line	1	UN		92
12	230611772	-	Seal	16	UN		
13	230611027	-	Fuel line	16	UN		

Our apologies:
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available.

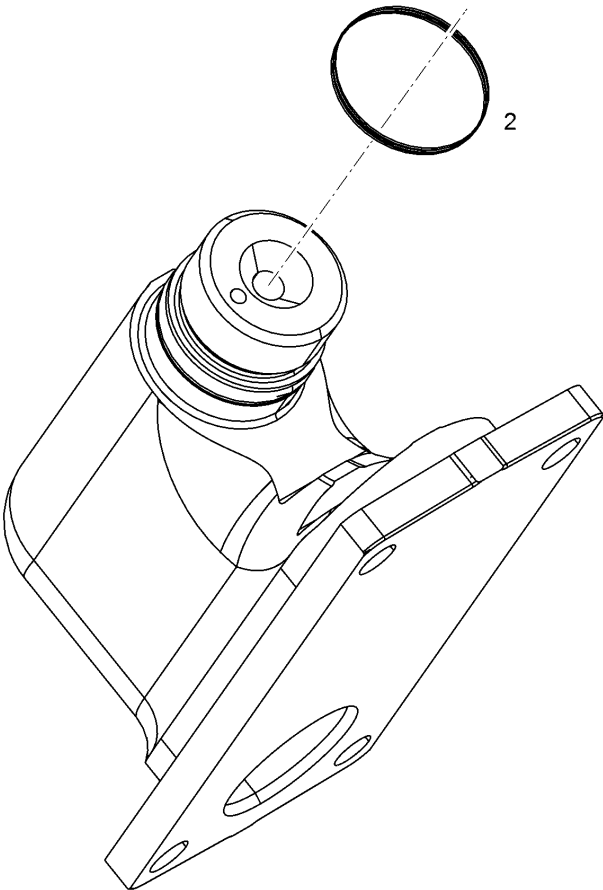
Distributor block
230611866

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
2	230611650	-	O-ring	1	UN		



Distributor block
230611867

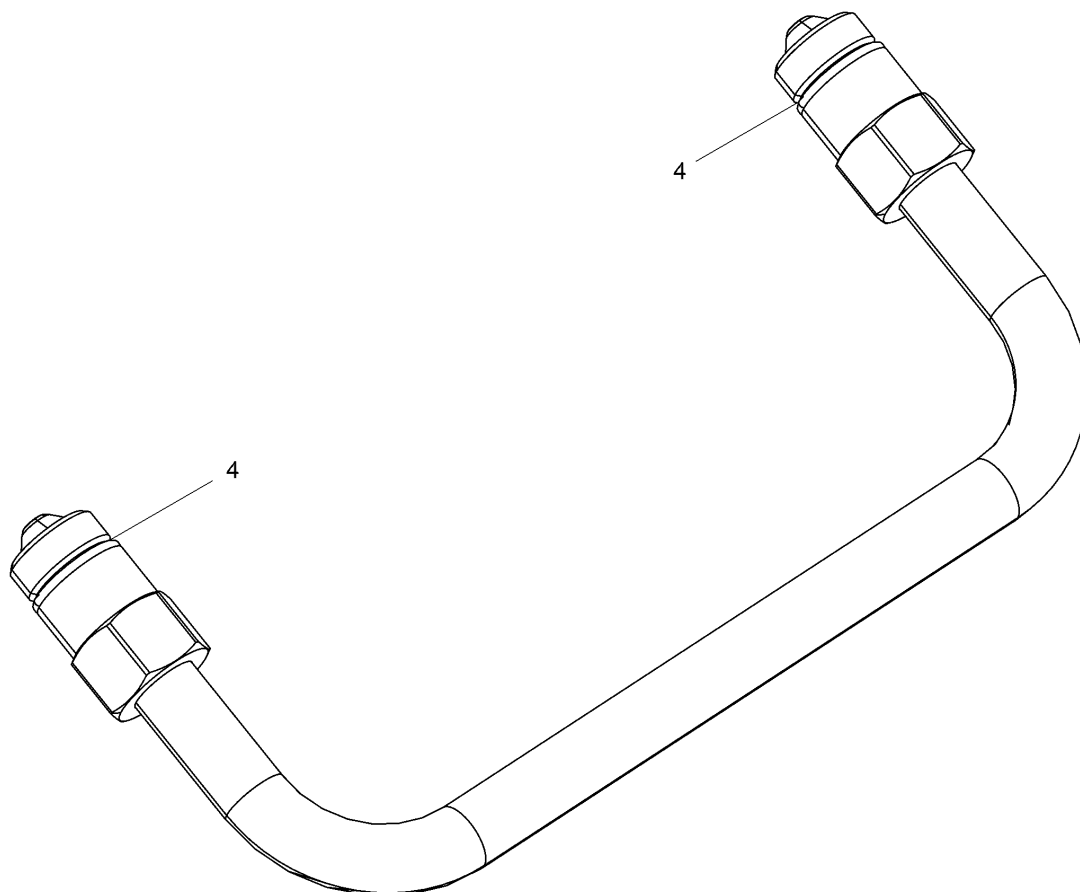
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
2	230611650	-	O-ring	1	UN		



Fuel line

230611737

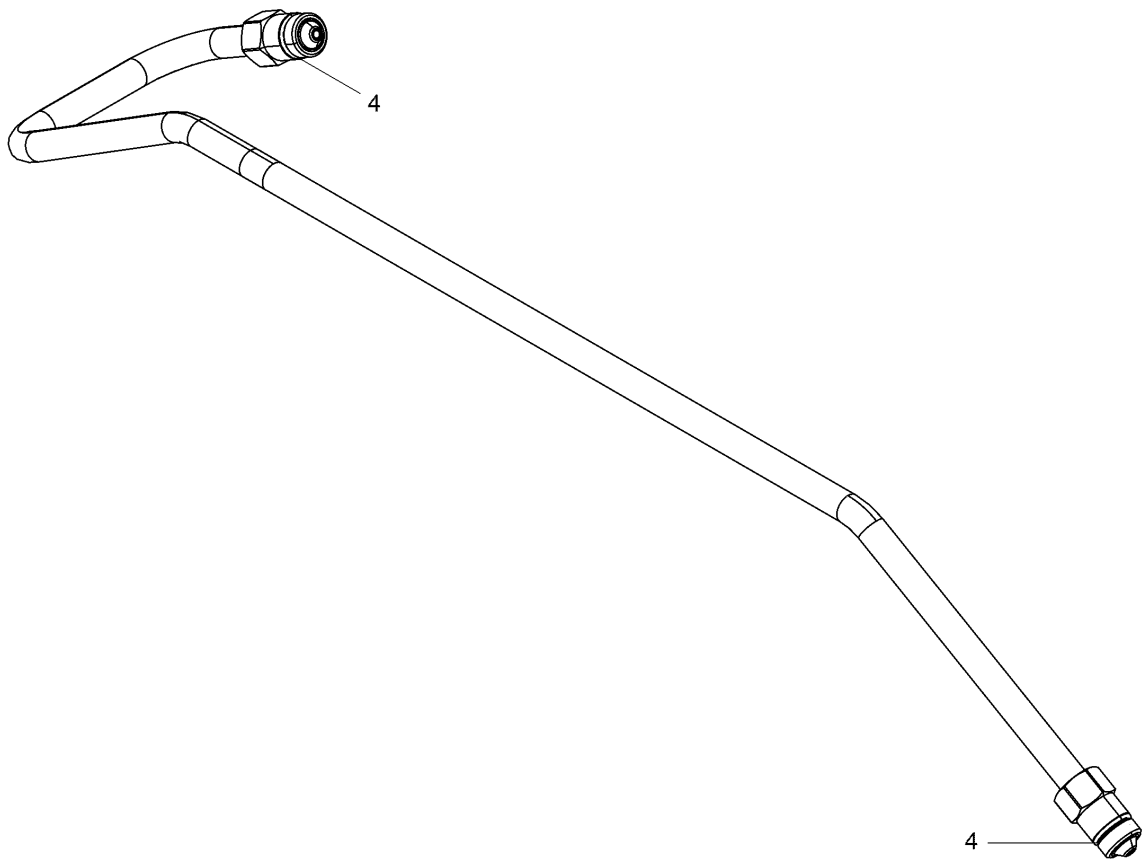
Pos.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
4	230611654	-	O-ring	2	UN		



Fuel line

230611736

Pos.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
4	230611654	-	O-ring	2	UN		



Charge air line assembly 230612477

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
3	230611253	-	Charge air line	1	UN		
4	230612476	-	Charge air line	1	UN		
5	230611202	-	Charge air line	1	UN		
6	230611129	-	Compensator	5	UN		
7	230611130	-	Compensator	1	UN		
11	230611151	-	End cover	2	UN		
12	230611136	-	Clamp	6	UN		
13	230611059	-	Seal	15	UN		
16	230611484	-	Hex screw	20	UN		
19	230611436	-	Hex screw	8	UN		
22	230611491	-	Hex screw	6	UN		
23	230611118	-	Hex nut	32	UN		
27	230611371	-	Hex screw	16	UN		
29	230611375	-	Hex screw	12	UN		
30	230611499	-	Locking plate	6	UN		
32	230611121	-	Screw plug	1	UN		95

Our apologies:
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available.

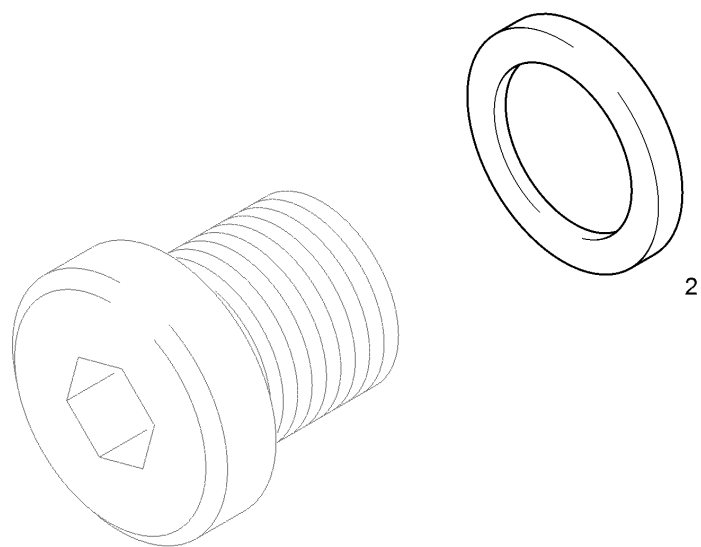
Charge air line assembly 230612477

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
33	230611222	-	Distance sleeve	4	UN		
34	230611431	-	Screw	4	UN		

Our apologies:
No illustration is currently
available.

Screw plug
230611121

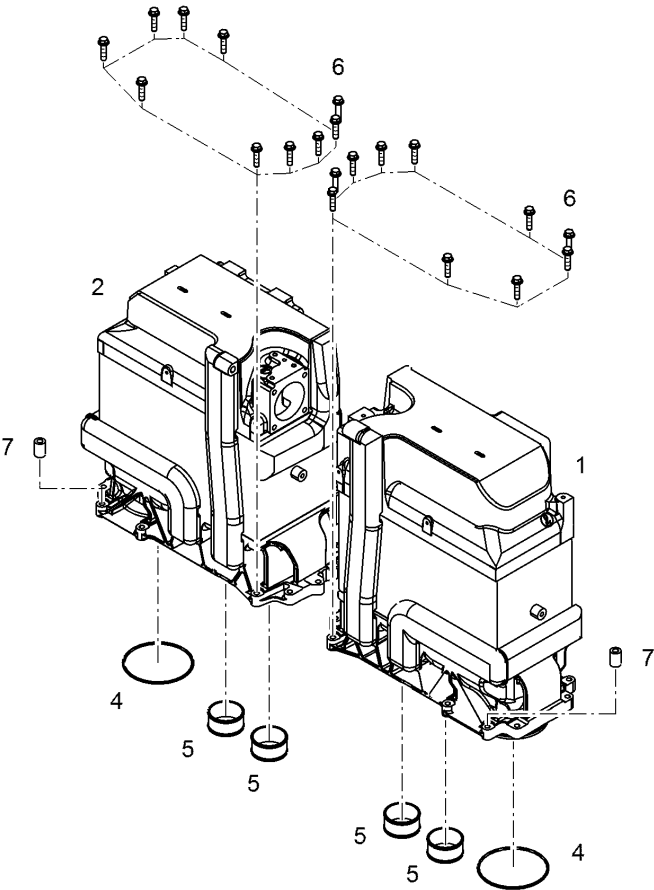
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
2	230612195	-	Sealing ring	1	UN		



Charge air cooler assembly

230612024

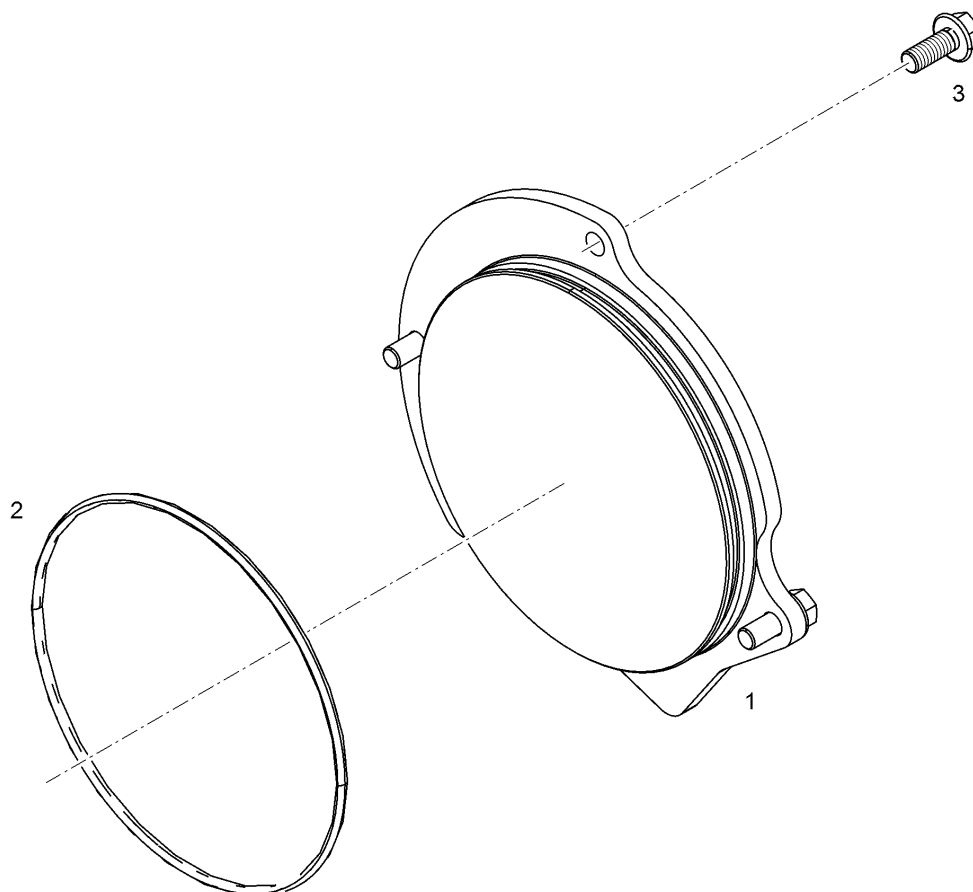
Po S.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611702	-	Charge air cooler	1	UN			
2	230611703	-	Charge air cooler	1	UN			
4	230611625	-	O-ring	2	UN			
5	230611320	-	Plug-in pipe	4	UN			
6	230611539	-	Hex screw	20	UN			
7	230611133	-	Distance sleeve	2	UN			



End cover

230612071

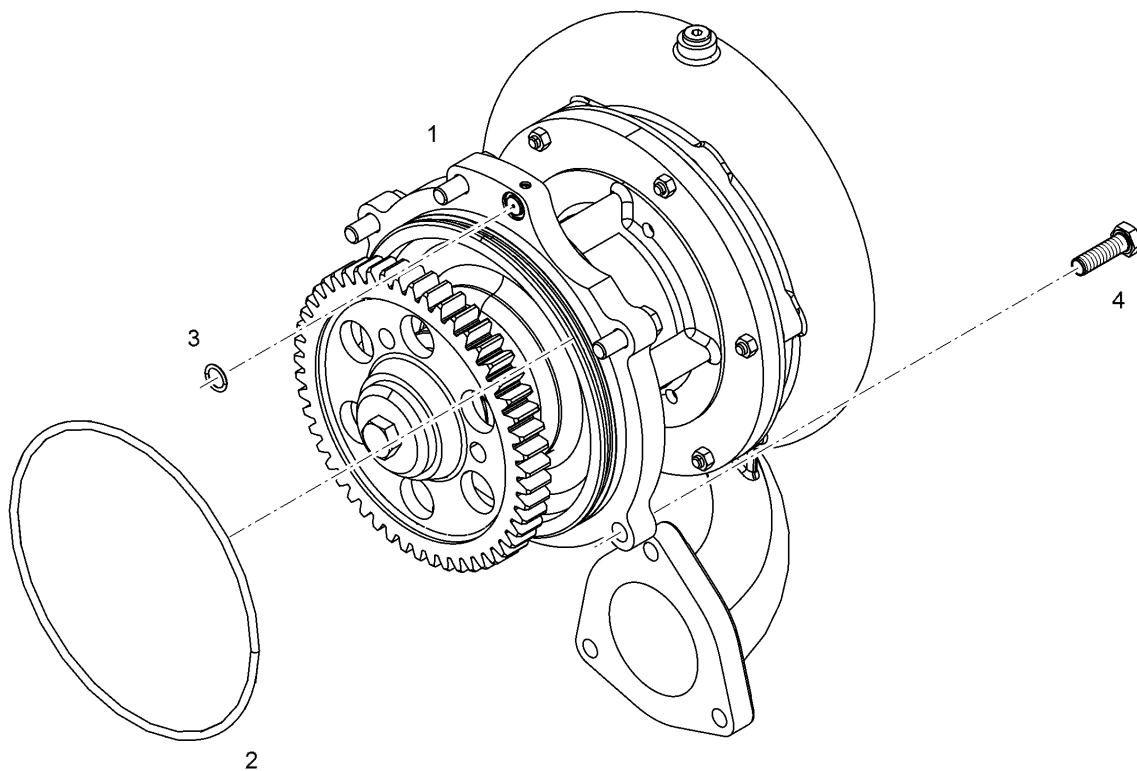
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611906	-	End cover	1	UN		
2	230611064	-	O-ring	1	UN		
3	230611378	-	Hex screw	3	UN		



Water pump assembly ht

230612707

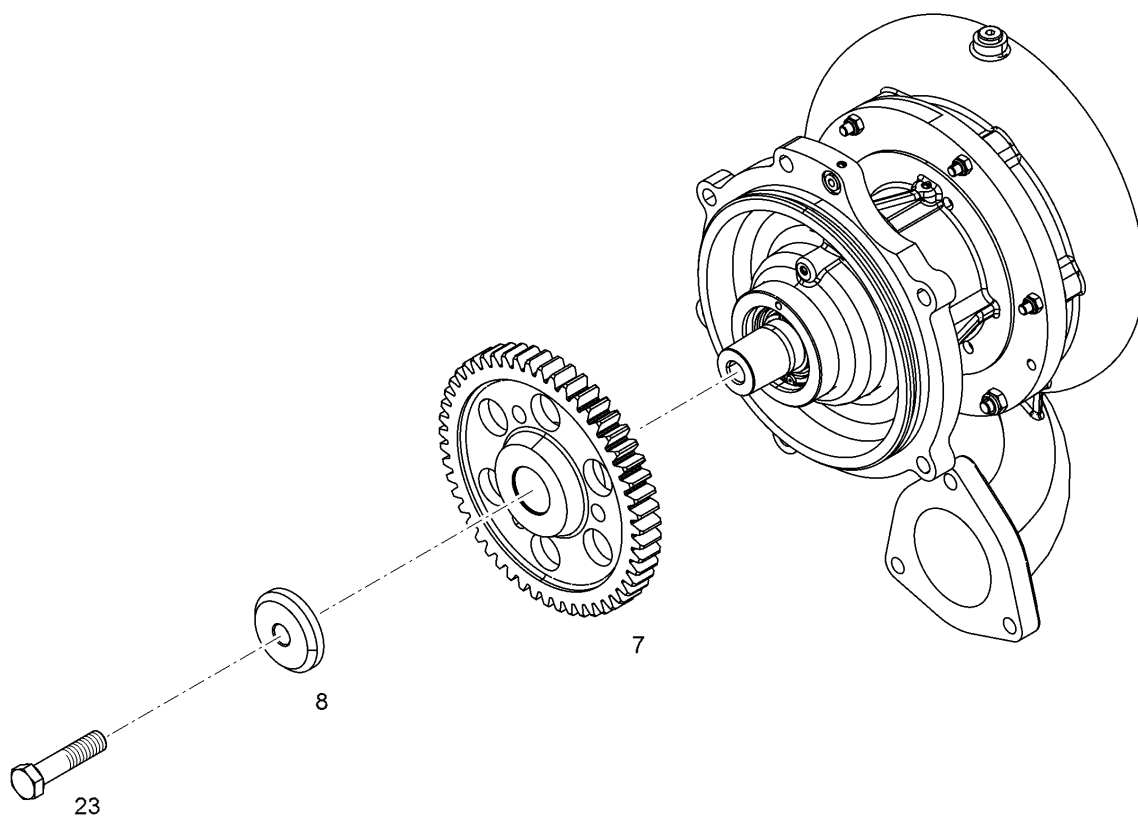
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612757	-	Water pump, pre-assembled	1	UN		99
2	230611064	-	O-ring	1	UN		
3	230611036	-	O-ring	1	UN		
4	230611037	-	Hex screw	6	UN		



Water pump, pre-assembled

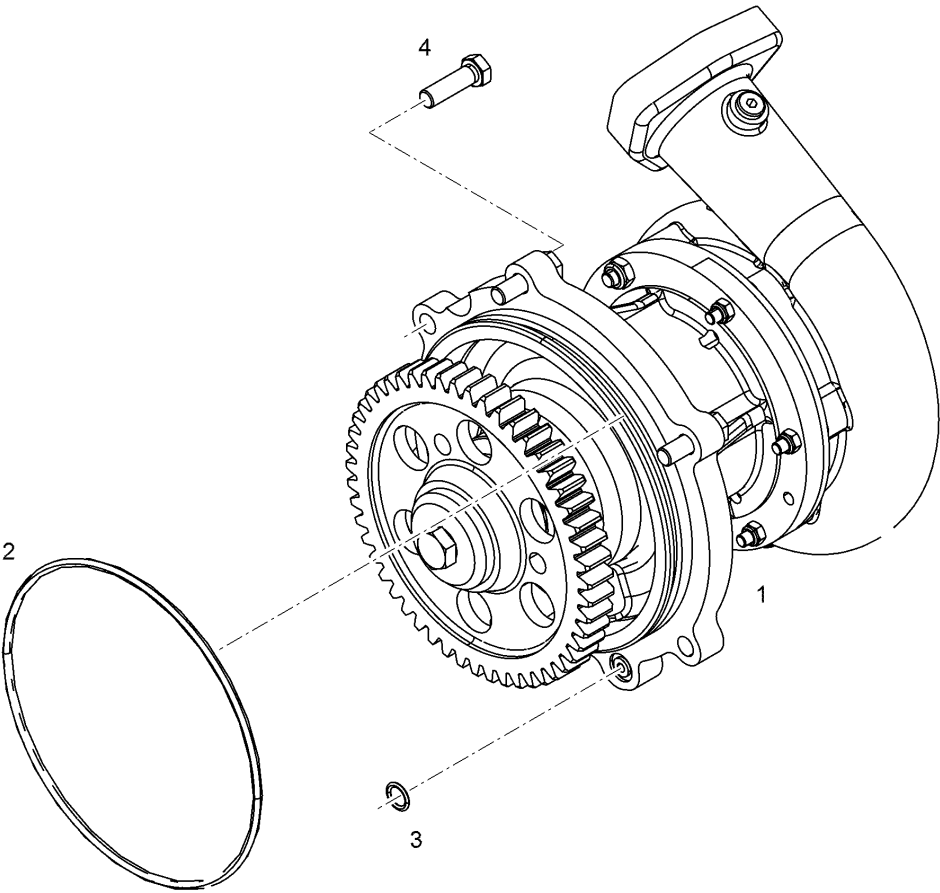
230612757

Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
7	230611897	-	Spur wheel	1	UN			
8	230612748	-	Washer	1	UN			
23	230611601	-	Screw	1	UN			



Water pump assembly It
230612708

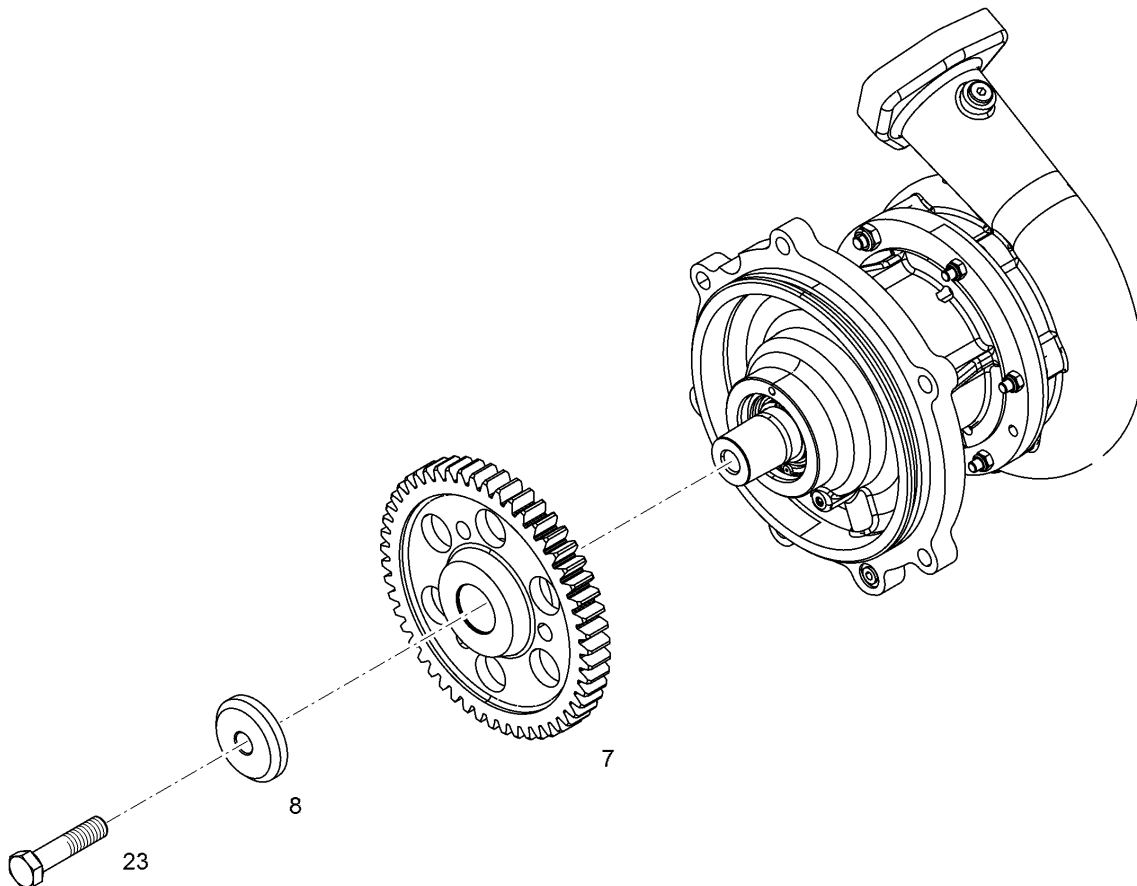
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612758	-	Water pump, pre-assembled	1	UN		101
2	230611064	-	O-ring	1	UN		
3	230611036	-	O-ring	1	UN		
4	230611037	-	Hex screw	5	UN		



Water pump, pre-assembled

230612758

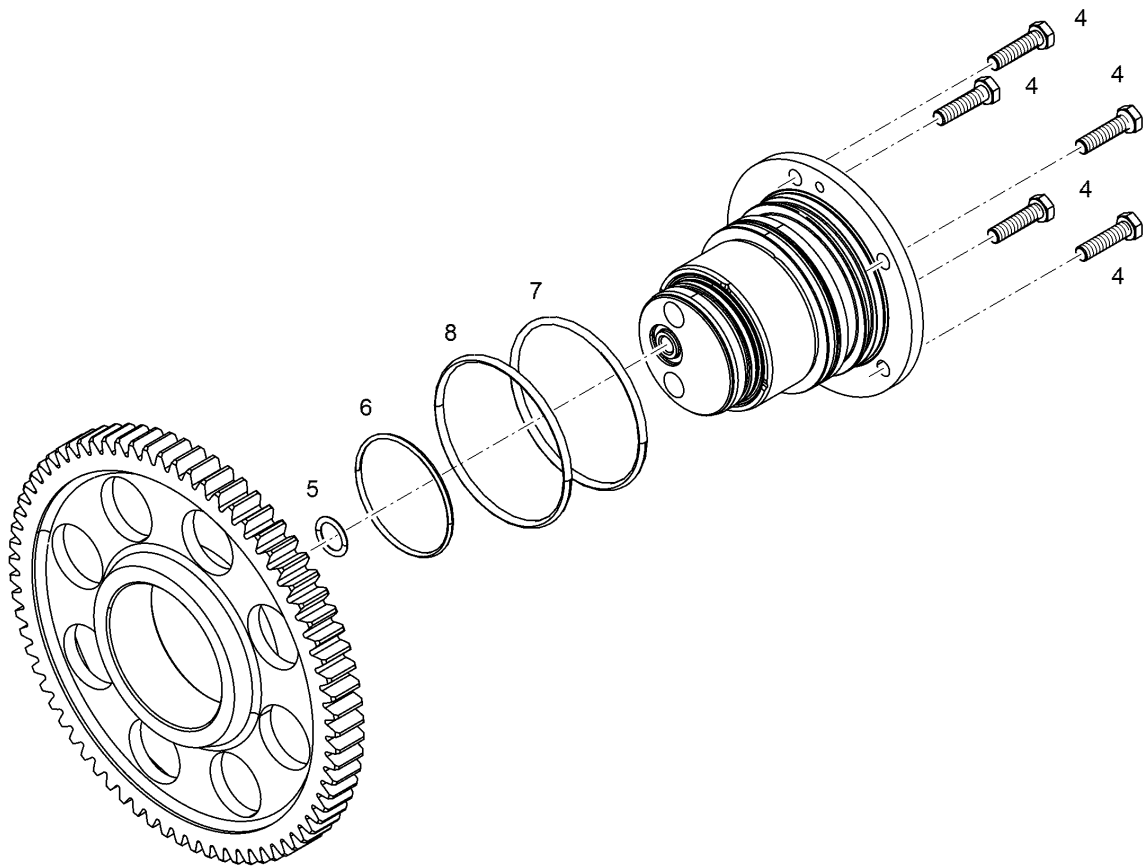
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
7	230611897	-	Spur wheel	1	UN			
8	230612748	-	Washer	1	UN			
23	230611601	-	Screw	1	UN			



Intermediate gear assembly

230612131

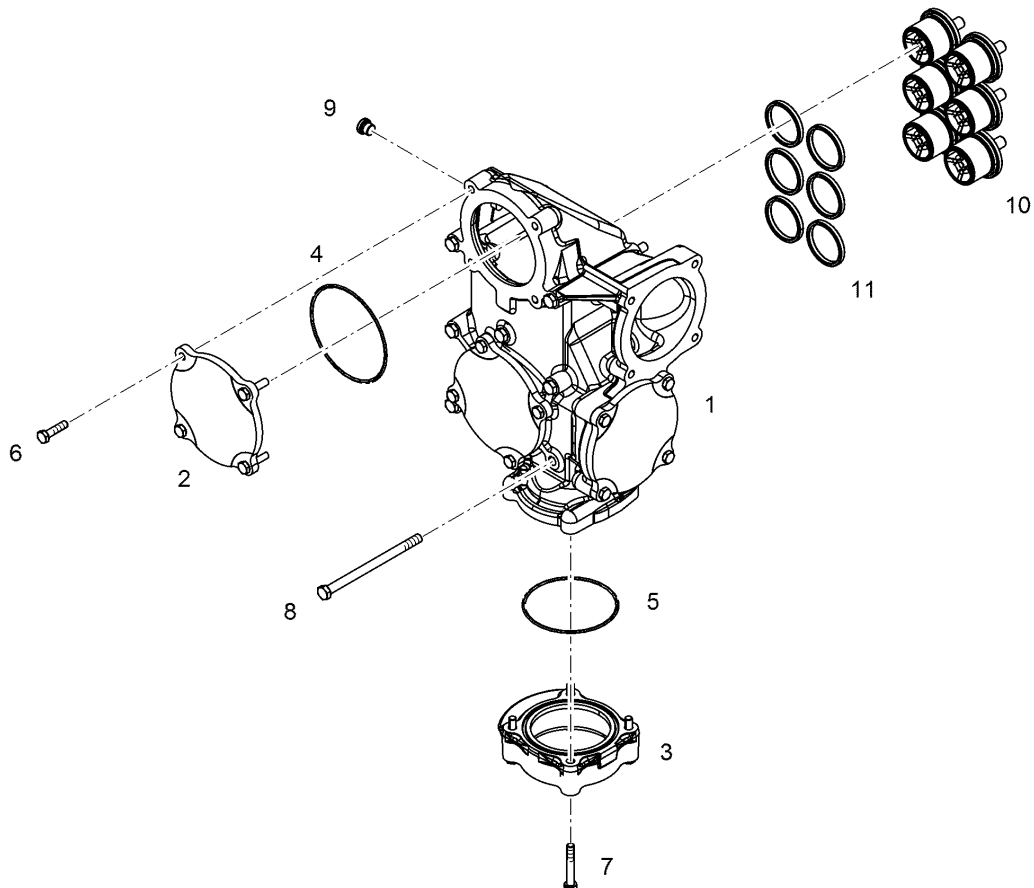
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611788	-	Spur wheel cpl.	1	UN			
2	230611756	-	Axle	1	UN			
4	230611111	-	Hex screw	5	UN			
5	230611376	-	O-ring	1	UN			
6	230611615	-	O-ring	1	UN			
7	230611624	-	O-ring	1	UN			
8	230611683	-	O-ring	1	UN			



Thermostat housing ht assembly

230612766

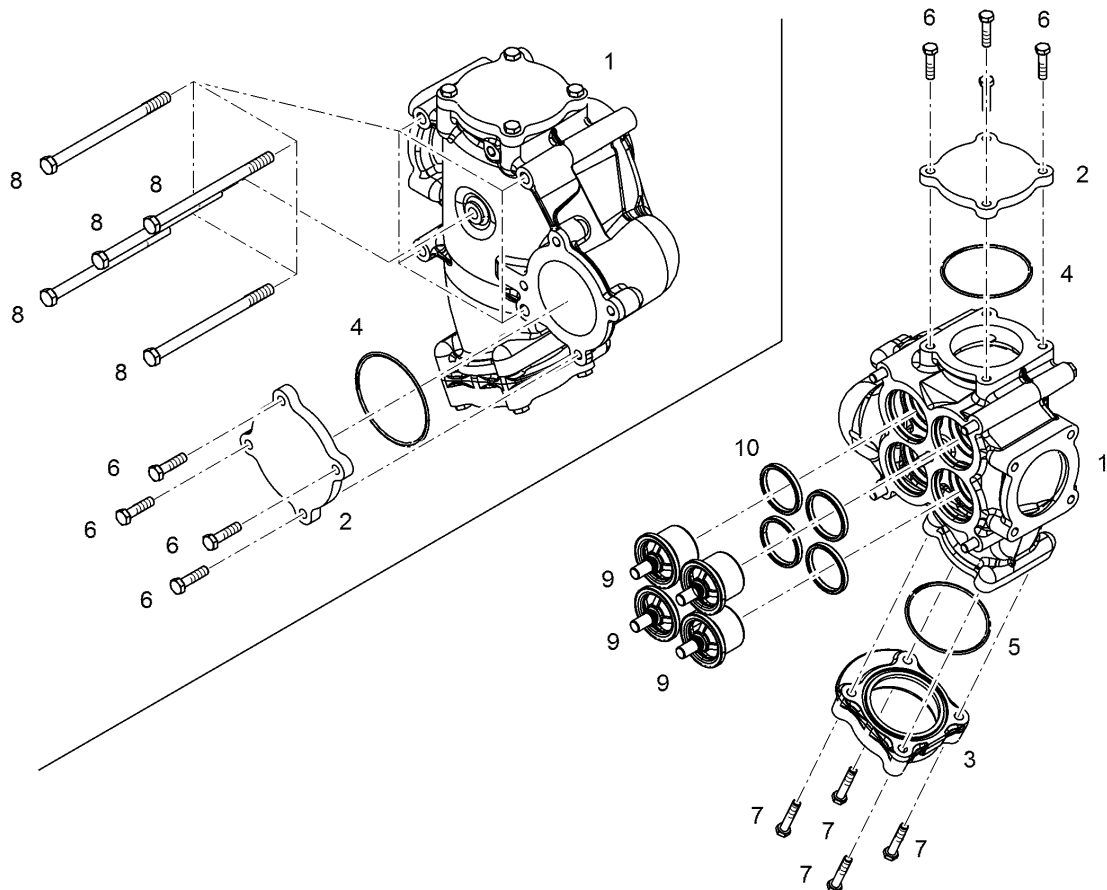
Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611356	-	Thermostat housing	1	UN		
2	230612749	-	End cover	3	UN		
3	230611573	-	Flange	1	UN		
4	230611049	-	O-ring	3	UN		
5	230611452	-	O-ring	1	UN		
6	230611389	-	Hex screw	12	UN		
7	230611391	-	Screw	4	UN		
8	230611385	-	Hex screw	7	UN		
9	230611410	-	Screw plug	1	UN		
10	230611066	-	Thermostat	6	UN		
11	230611057	-	Seal	6	UN		



Thermostat housing It assembly

230612206

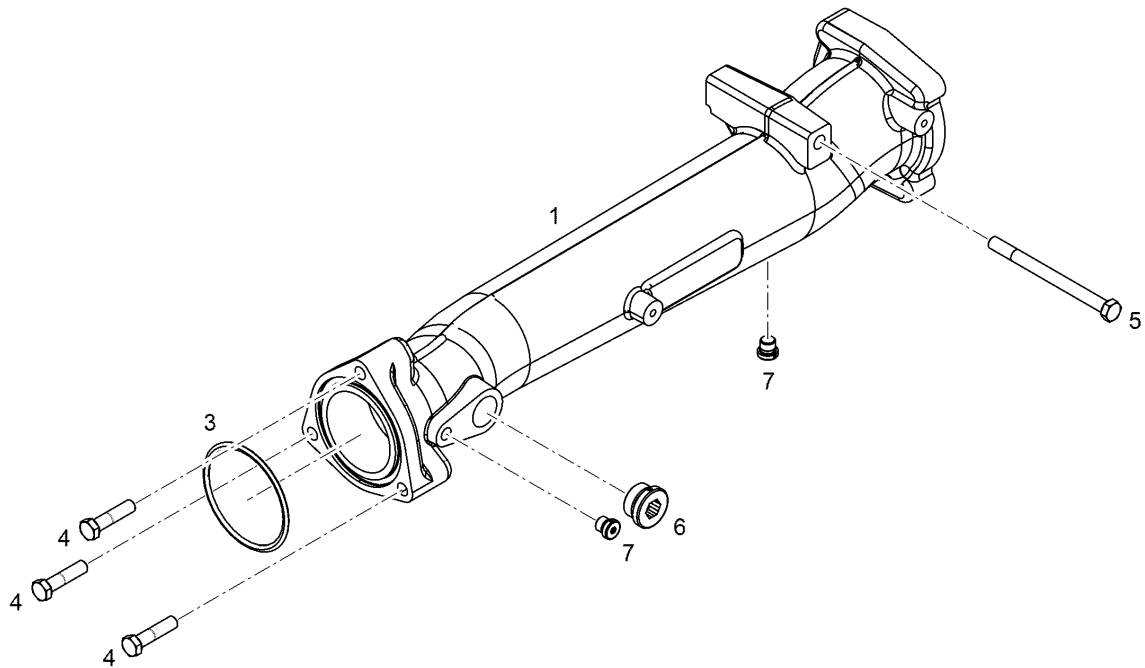
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611355	-	Thermostat housing	1	UN			
2	230611323	-	End cover	2	UN			
3	230611562	-	Flange	1	UN			
4	230611051	-	O-ring	2	UN			
5	230611453	-	O-ring	1	UN			
6	230611389	-	Hex screw	8	UN			
7	230611387	-	Hex screw	4	UN			
8	230611385	-	Hex screw	5	UN			
9	230611072	-	Thermostat	4	UN			
10	230611057	-	Seal	4	UN			



Cooling medium pipeline HT

230612038

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612136	-	Liquid cooling pipeline HT	1	UN		
3	230611061	-	O-ring	1	UN		
4	230611418	-	Hex screw	3	UN		
5	230611491	-	Hex screw	1	UN		
6	230611417	-	Screw plug	1	UN		
7	230611460	-	Screw plug	2	UN		



Cooling medium pipeline lt 230612490

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612491	-	Cooling water line	1	UN		
2	230612515	-	Elbow	1	UN		
3	230611236	-	Liquid cooling pipeline	1	UN		
4	230611235	-	Liquid cooling pipeline	1	UN		
5	230611228	-	Liquid cooling pipeline	1	UN		
6	230611233	-	Liquid cooling pipeline	1	UN		
7	230611227	-	Liquid cooling pipeline	1	UN		
8	230611219	-	Liquid cooling pipeline	1	UN		
9	230611570	-	Liquid cooling pipeline LT	1	UN		
10	230611226	-	Liquid cooling pipeline	1	UN		
11	230611229	-	Liquid cooling pipeline	1	UN		
12	230611232	-	Liquid cooling pipeline	1	UN		
13	230611304	-	Retaining plate	1	UN		
15	230611569	-	Holder	2	UN		
16	230611288	-	Retaining plate	1	UN		
17	230611206	-	Retaining plate	2	UN		

Our apologies:
No illustration is currently
available.

Cooling medium pipeline It 230612490

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
18	230611238	-	Fittings	4	UN		
19	230611111	-	Hex screw	2	UN		
20	230611451	-	O-ring	1	UN		
21	230611412	-	Hex screw	2	UN		
22	230611450	-	O-ring	1	UN		
23	230611112	-	Hex screw	4	UN		
24	230611596	-	Flange joint	2	UN		
25	230611525	-	Flange joint	2	UN		
26	230611449	-	O-ring	2	UN		
27	230611519	-	Flange joint	2	UN		
28	230611409	-	Flange joint	2	UN		
29	230611502	-	Flange joint	3	UN		
30	230611108	-	Flange joint	2	UN		
31	230611493	-	Flange joint	2	UN		
32	230611595	-	Flange joint	2	UN		
33	230611518	-	Flange joint	1	UN		

Our apologies:
No illustration is currently
available.

Cooling medium pipeline It 230612490

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
34	230611487	-	Clamp-half	6	UN		
35	230611428	-	Clamp-half	14	UN		
36	230611426	-	Lid plate	9	UN		
37	230611473	-	Hex screw	2	UN		
38	230611489	-	Hex screw	6	UN		
39	230611462	-	Hex screw	6	UN		
40	230611115	-	Hex screw	4	UN		
41	230611384	-	Hex screw	4	UN		
42	230611102	-	Hex screw	12	UN		
43	230611109	-	Hex screw	2	UN		
44	230611524	-	Flange joint	1	UN		
45	230611604	-	Box nut	1	UN		
46	230611521	-	Hex screw	1	UN		
47	230612590	-	Liquid cooling pipeline	1	UN		
48	230612591	-	Liquid cooling pipeline	1	UN		
50	230612640	-	Retaining plate	1	UN		

Our apologies:
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available.

Cooling medium pipeline It

230612490

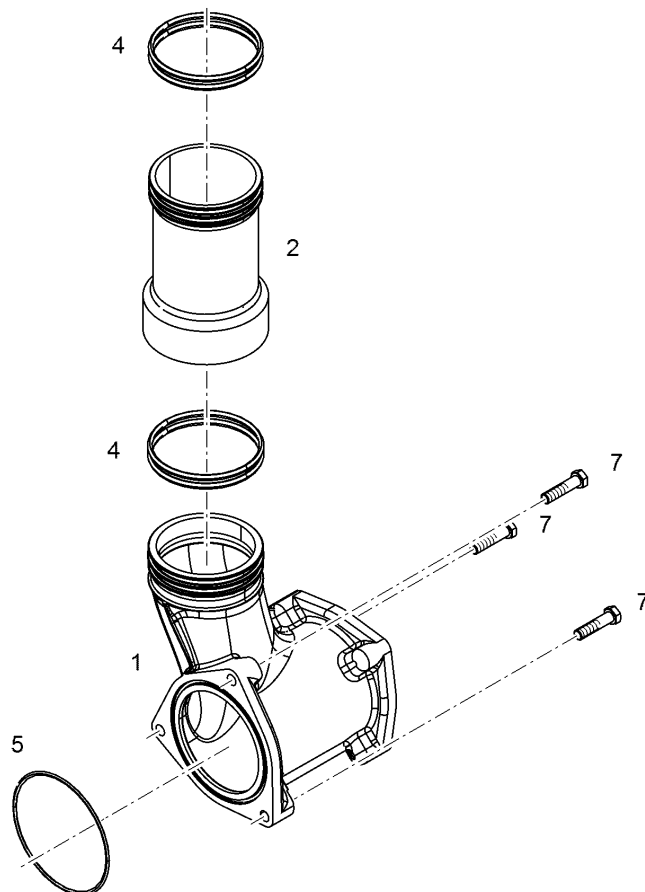
Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
51	230611586	-	Lid plate	1	UN		

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available.

Coolant connector HT

230612036

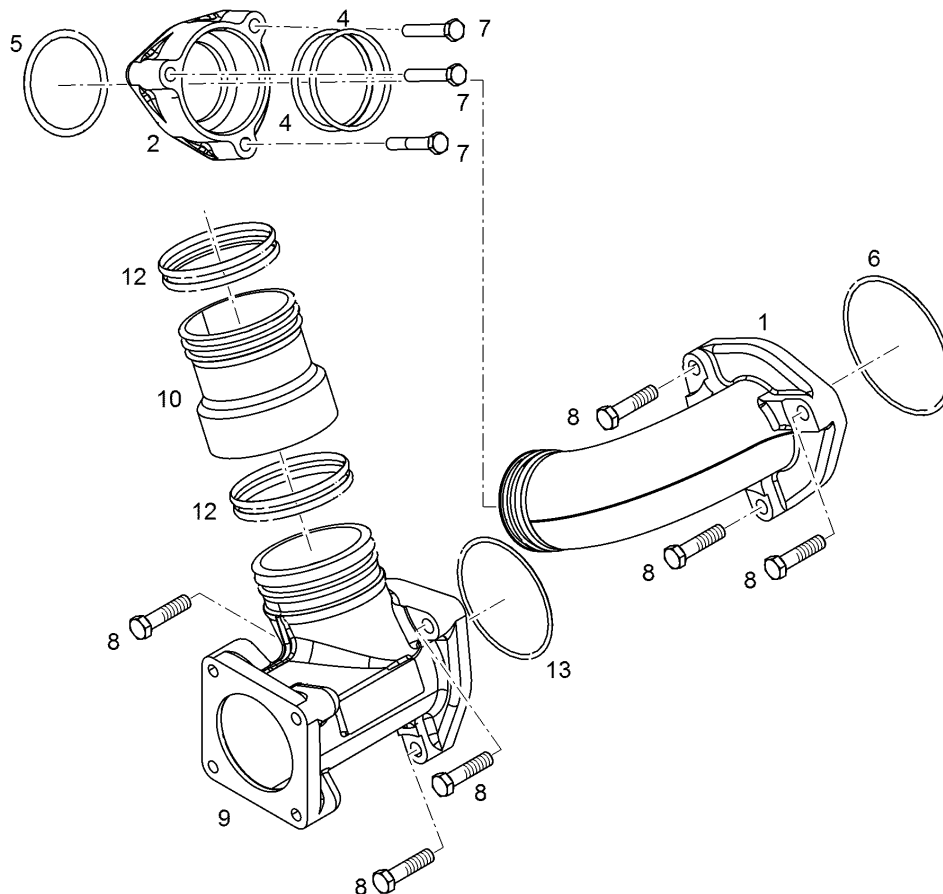
Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611778	-	Coolant connector HT	1	UN		
2	230611343	-	Plug-in pipe	1	UN		
4	230611055	-	O-ring	4	UN		
5	230611049	-	O-ring	1	UN		
7	230611418	-	Hex screw	3	UN		



Coolant connector LT

230612037

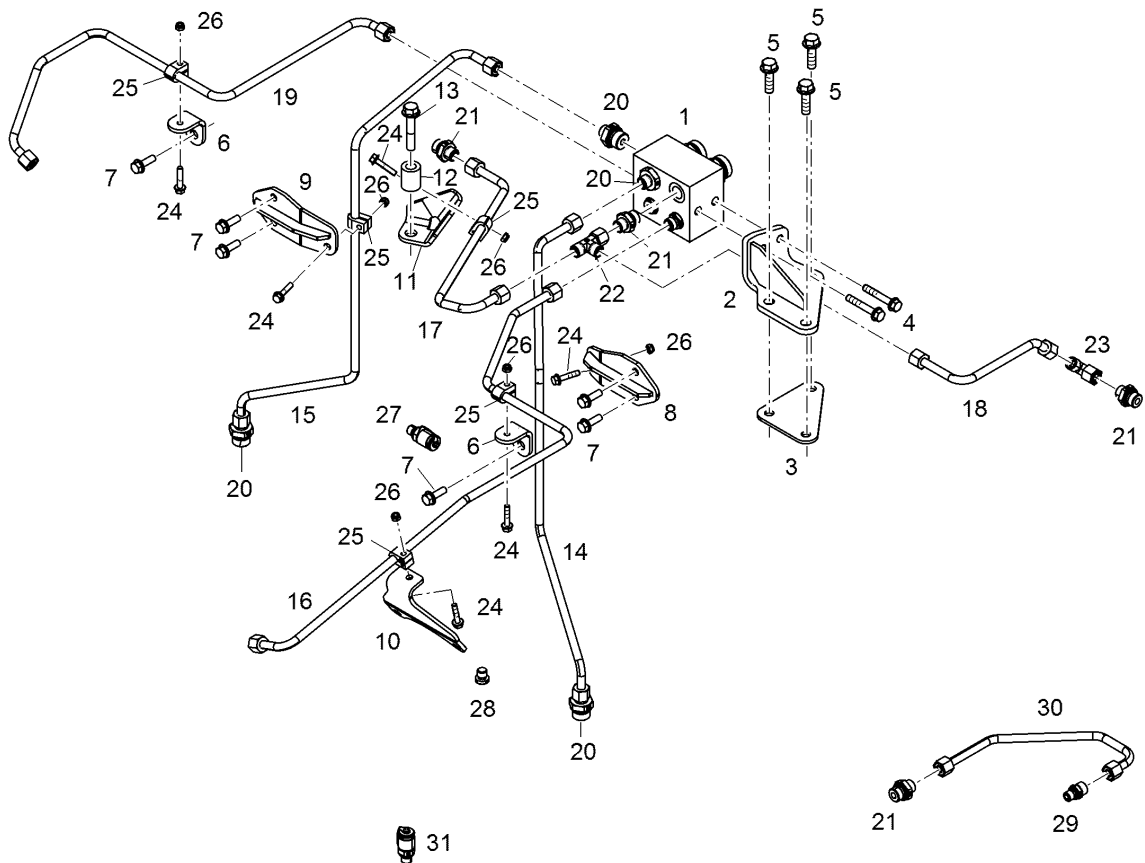
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612137	-	Liquid cooling pipeline LT	1	UN		
2	230612084	-	Flange	1	UN		
4	230611052	-	O-ring	2	UN		
5	230611058	-	O-ring	1	UN		
6	230611060	-	O-ring	1	UN		
7	230611375	-	Hex screw	3	UN		
8	230611418	-	Hex screw	6	UN		
9	230612026	-	Connecting elbow	1	UN		
10	230611342	-	Plug-in pipe	1	UN		
12	230611053	-	O-ring	4	UN		
13	230611051	-	O-ring	1	UN		



Vent tube assembly

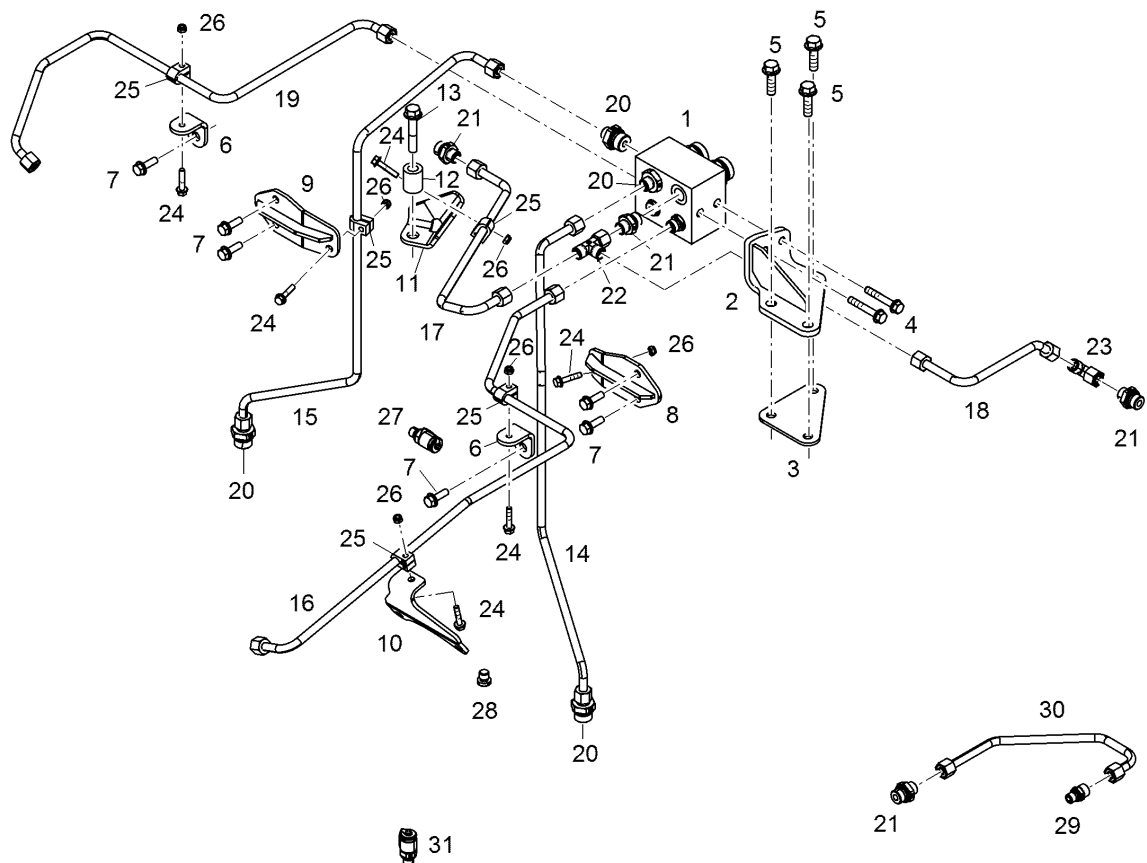
230612213

Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230612054	-	Distributor block	1	UN			114
2	230611266	-	Holder	1	UN			
3	230611254	-	Distance plate	1	UN			
4	230611490	-	Hex screw	2	UN			
5	230611398	-	Hex screw	3	UN			
6	230611212	-	Holder	2	UN			
7	230611482	-	Hex screw	6	UN			
8	230611243	-	Holder	1	UN			
9	230611242	-	Holder	1	UN			
10	230611585	-	Holder	1	UN			
11	230611244	-	Holder	1	UN			
12	230611297	-	Distance sleeve	1	UN			
13	230611443	-	Hex screw	1	UN			
14	230611225	-	Ventilation line	1	UN			
15	230611224	-	Ventilation line	1	UN			
16	230611195	-	Ventilation line	1	UN			



Vent tube assembly 230612213

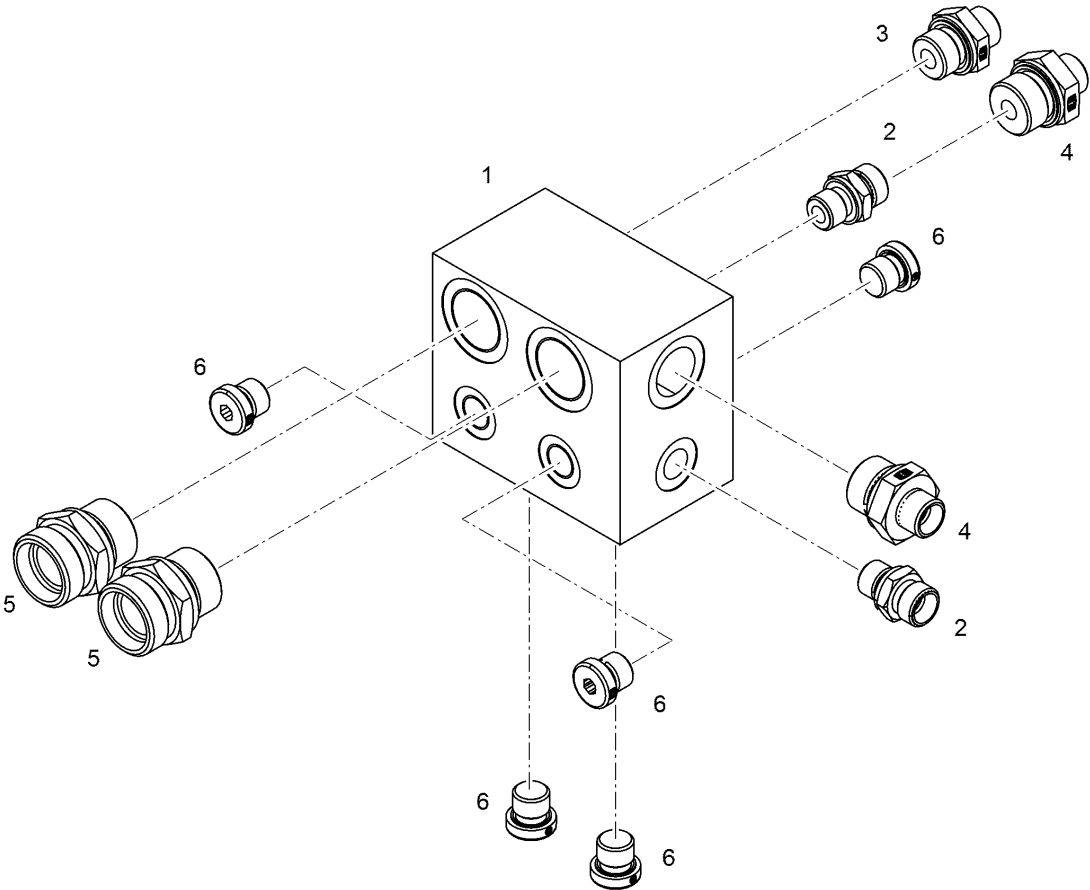
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
17	230611178	-	Ventilation line	1	UN			
18	230611179	-	Ventilation line	1	UN			
19	230611194	-	Ventilation line	1	UN			
20	230611406	-	Flange joint	2	UN			
21	230611465	-	Flange joint	3	UN			
22	230611517	-	Flange joint	1	UN			
23	230611495	-	Flange joint	1	UN			
24	230611544	-	Hex screw	6	UN			
25	230611542	-	Pipe clamp	6	UN			
26	230611110	-	Hex nut	6	UN			
27	230611540	-	Test point fitting	1	UN			
28	230610068	-	Screw plug	1	UN			
29	230611405	-	Flange joint	1	UN			
30	230611310	-	Ventilation line	1	UN			
31	230611547	-	Test point fitting	1	UN			



Distributor block

230612054

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611738	-	Distributor block	1	UN		
2	230611610	-	Union	2	UN		
3	230611465	-	Flange joint	1	UN		
4	230611406	-	Flange joint	2	UN		
5	230611054	-	Flange joint	2	UN		
6	230611460	-	Screw plug	5	UN		



Exhaust pipe assembly 230612523

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611292	-	Outlet manifold	2	UN		
2	230611293	-	Outlet manifold	1	UN		
3	230611294	-	Outlet manifold	1	UN		
5	230611279	-	Distance sleeve	64	UN		
6	230611671	-	Hex screw	64	UN		
7	230611724	-	Seal	28	UN		
8	230612631	-	Plug-in pipe	1	UN		
9	230612650	-	Seal	1	UN		
10	230611157	-	End cover	2	UN		
11	230611123	-	Seal	2	UN		
12	230611696	-	Hex screw	12	UN		
13	230611134	-	Distance sleeve	12	UN		
17	230612621	-	Outlet manifold	1	UN		
18	230612622	-	Outlet manifold	1	UN		
19	230612623	-	Outlet manifold	1	UN		
20	230612624	-	Outlet manifold	1	UN		

Our apologies:
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available.

Exhaust pipe assembly 230612523

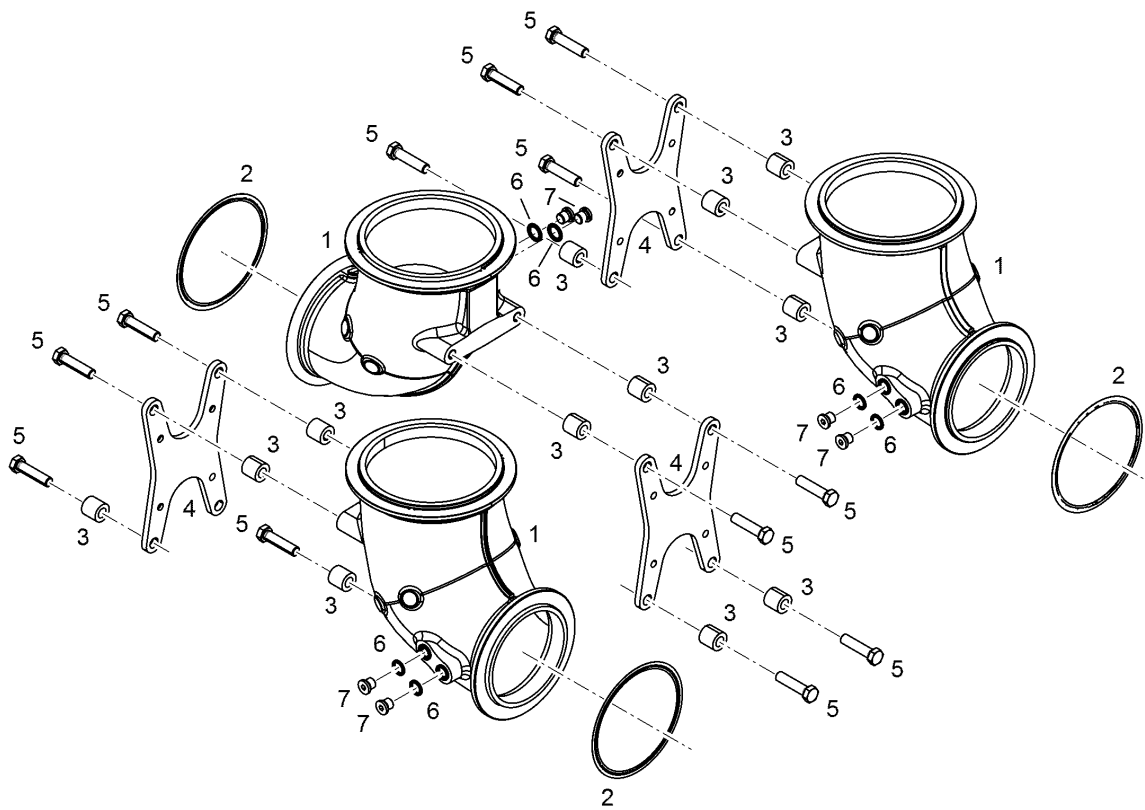
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
21	230611597	-	Sealing ring	4	UN		
22	230611514	-	Screw plug	4	UN		
23	230611693	-	Seal	16	UN		

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available.

Exhaust nozzle attachment

230612080

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611185	-	Exhaust nozzle	3	UN		
2	230611062	-	Seal	3	UN		
3	230611143	-	Distance sleeve	12	UN		
4	230611142	-	Retaining plate	6	UN		
5	230611164	-	Hex screw	12	UN		
6	230611374	-	Sealing ring	6	UN		
7	230611515	-	Screw plug	6	UN		



Turbo-charger assembly 230612655

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611289	-	Holder	2	UN		120
2	230611571	-	Holder	12	UN		
3	230612210	-	Turbo-charger assembly	2	UN		121
4	230612211	-	Turbo-charger assembly	2	UN		122
5	230611067	-	Seal	4	UN		
6	230611071	-	Retainer clip	4	UN		
7	230610411	-	Screw plug	2	UN		
8	230611102	-	Hex screw	36	UN		
9	230611656	-	Hex screw	24	UN		
10	230611121	-	Screw plug	4	UN		95
11	230611108	-	Flange joint	1	UN		
12	230611214	-	Oil return pipe	4	UN		123
13	230611568	-	Holder	1	UN		
14	230611115	-	Hex screw	7	UN		
15	230612567	-	Holder	1	UN		
16	230611109	-	Hex screw	1	UN		

Our apologies:
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available.

Turbo-charger assembly 230612655

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
17	230612568	-	Holder	1	UN		
18	230611103	-	Screw	2	UN		
19	230612557	-	Hex screw	2	UN		

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available.

Holder

230611289

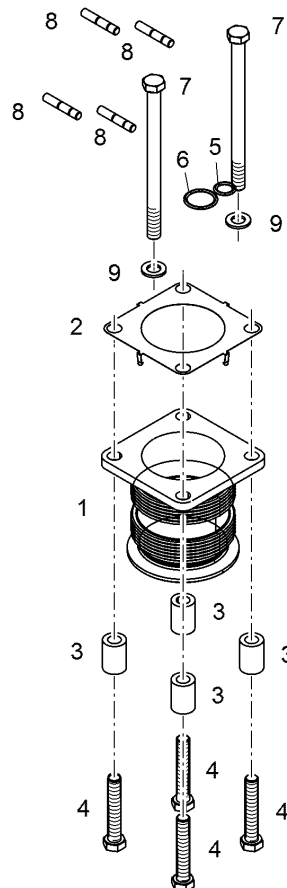
Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612118	-	Holder	1	UN		
2	230611821	-	Sealing plug	2	UN		

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available.

Turbo-charger assembly

230612210

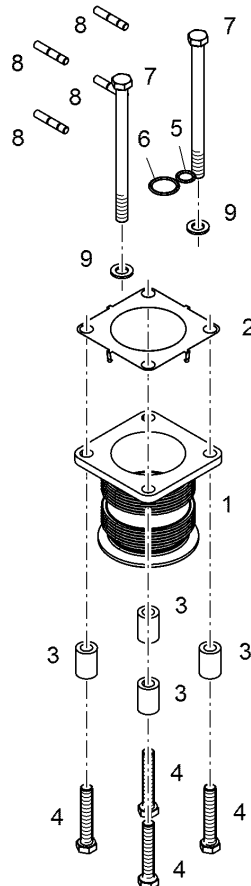
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611201	-	Compensator	1	UN		
2	230611065	-	Seal	1	UN		
3	230611880	-	Distance sleeve	4	UN		
4	230611070	-	Hexagonal screw	4	UN		
5	230611040	-	O-ring	1	UN		
6	230611050	-	O-ring	1	UN		
7	230611046	-	Hexagonal screw	2	UN		
8	230611041	-	Double-ended stud	4	UN		
9	230611033	-	Washer	2	UN		



Turbo-charger assembly

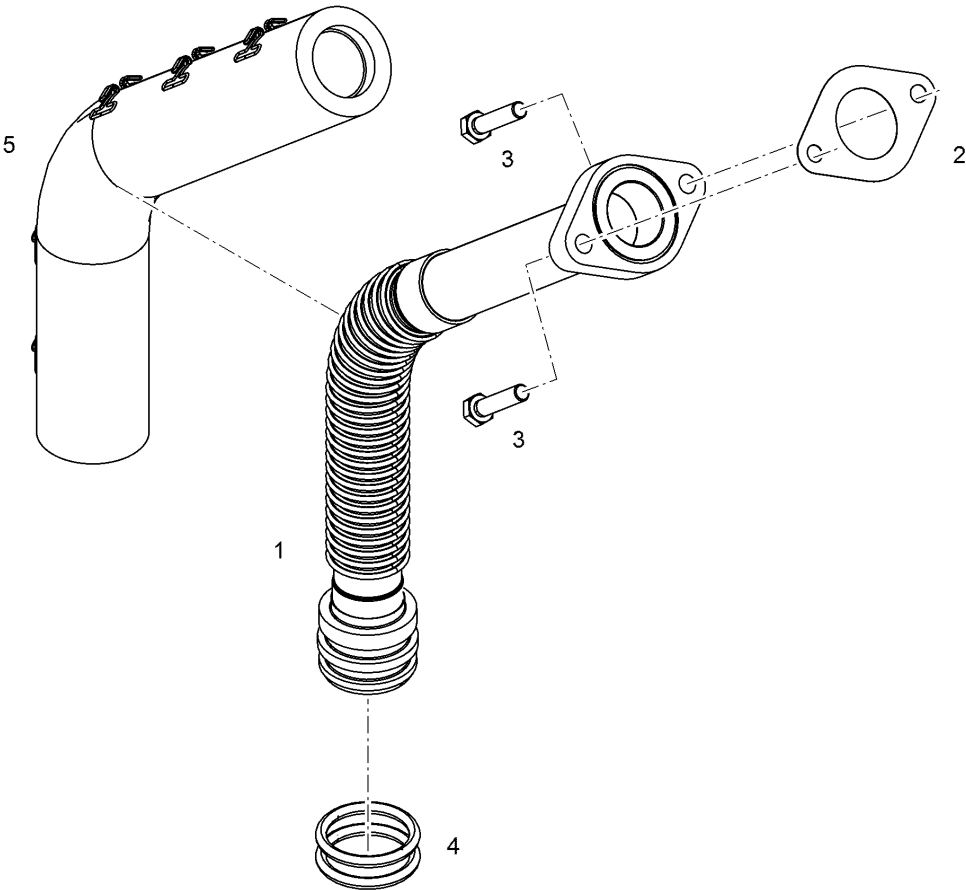
230612211

Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611201	-	Compensator	1	UN			
2	230611065	-	Seal	1	UN			
3	230611880	-	Distance sleeve	4	UN			
4	230611070	-	Hexagonal screw	4	UN			
5	230611040	-	O-ring	1	UN			
6	230611050	-	O-ring	1	UN			
7	230611046	-	Hexagonal screw	2	UN			
8	230611041	-	Double-ended stud	4	UN			
9	230611033	-	Washer	2	UN			



Oil return pipe
230611214

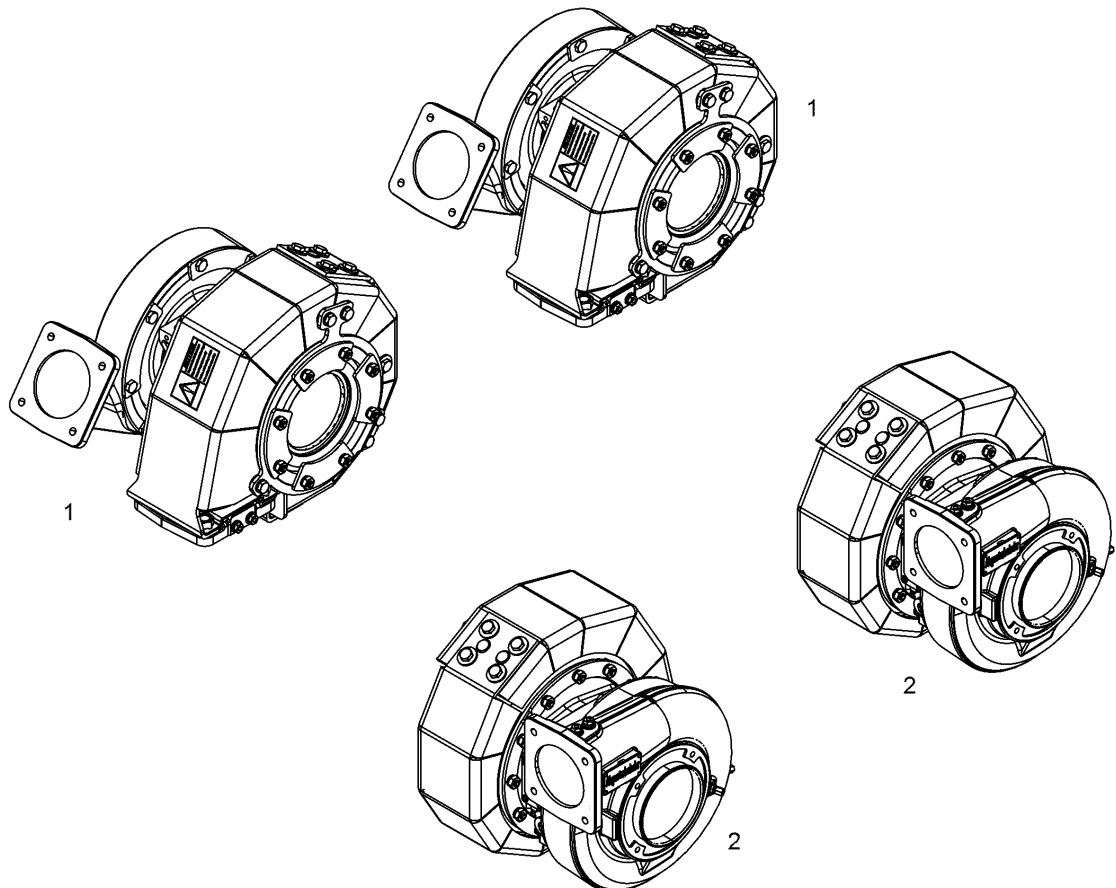
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611709	-	Oil return pipe	1	UN			
2	230611213	-	Gasket	1	UN			
3	230611497	-	Hex screw	2	UN			
4	230611511	-	O-ring	2	UN			
5	230611710	-	Insulation	1	UN			



Turbo-charger assembly

230612740

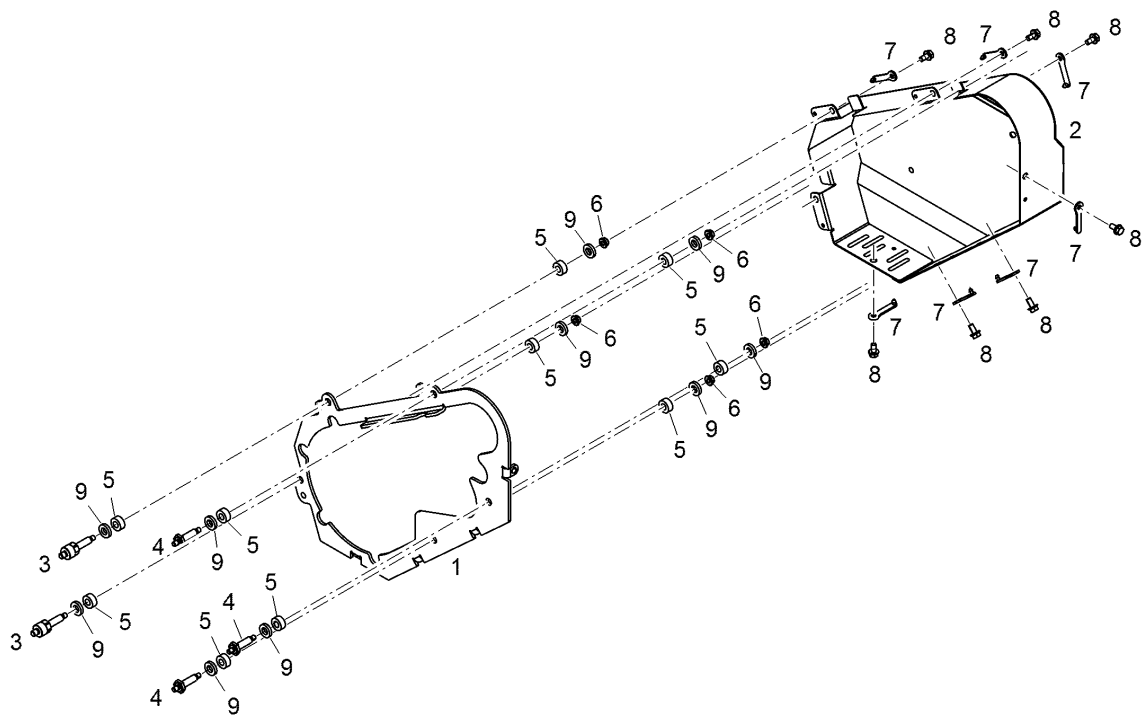
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611025	-	Exhaust gas turbocharger	2	UN		
2	230611026	-	Exhaust gas turbocharger	2	UN		



Protection plate add-on

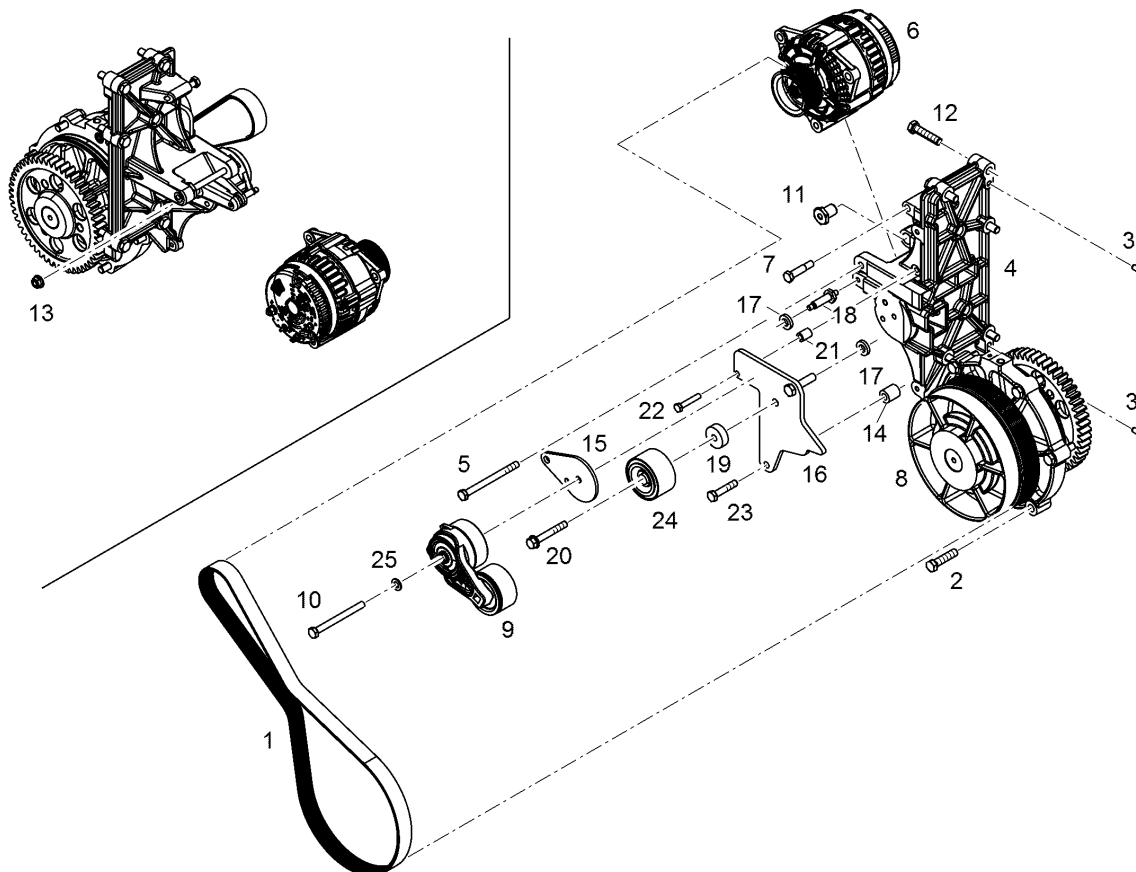
230612178

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612176	-	Protection guard	1	UN		
2	230611208	-	Protection guard	1	UN		
3	230611234	-	Pin	2	UN		
4	230611237	-	Pin	3	UN		
5	230611207	-	Vibration damper	10	UN		
6	230611467	-	Hex nut	5	UN		
7	230611187	-	Lock washer	7	UN		
8	230611463	-	Hex screw	7	UN		
9	230611268	-	Distance sleeve	10	UN		



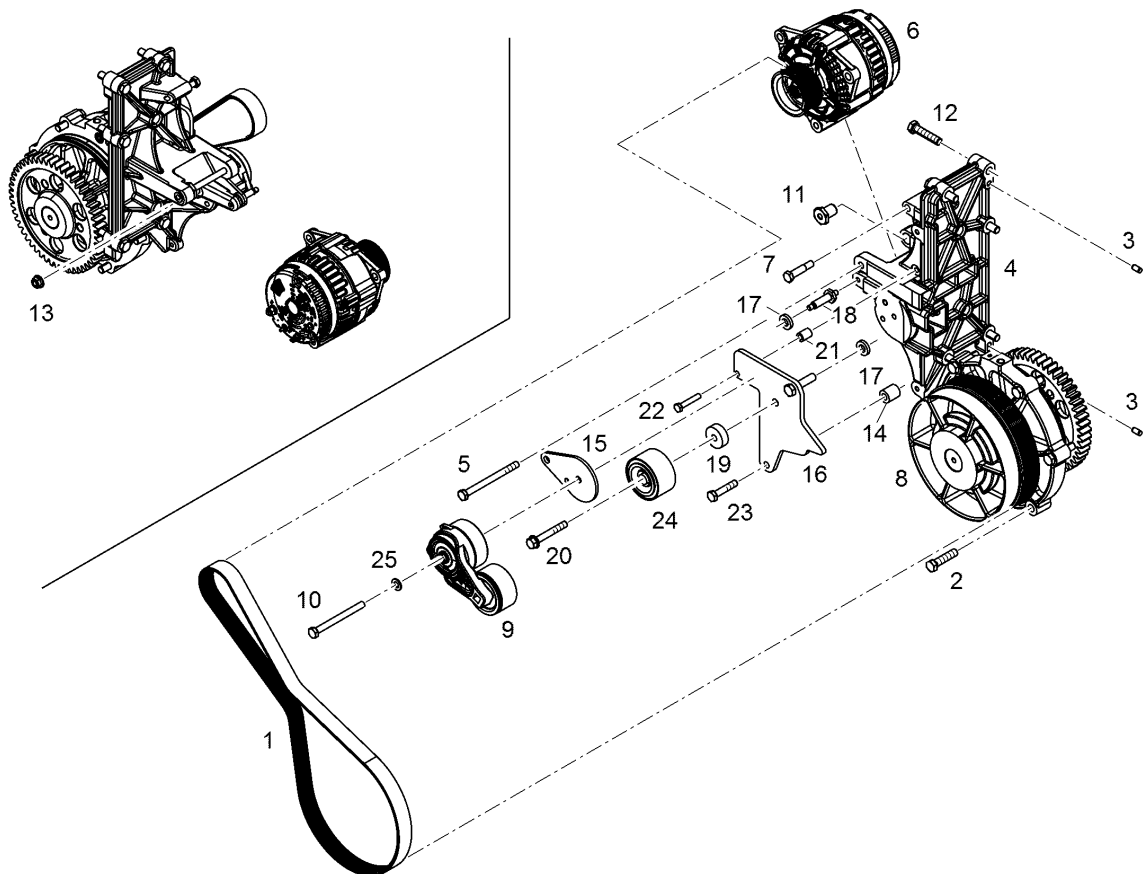
Generator add-on 230612094

Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611069	-	V-ripped belt	1	UN			
2	230611039	-	Hex screw	7	UN			
3	230611605	-	Parallel pin	2	UN			
4	230611557	-	Holder	1	UN			
5	230611035	-	Hex screw	1	UN			
6	230611081	-	Generator	1	UN			
7	230611048	-	Fitted screw	1	UN			
8	230611083	-	Drive unit	1	UN			128
9	230611138	-	Fastening device	1	UN			
10	230611543	-	Hex screw	1	UN			
11	230611193	-	Sleeve	1	UN			
12	230611115	-	Hex screw	5	UN			
13	230611468	-	Hex nut	1	UN			
14	230611267	-	Distance sleeve	1	UN			
15	230611553	-	Retaining plate	1	UN			
16	230611554	-	Retaining plate	1	UN			



Generator add-on 230612094

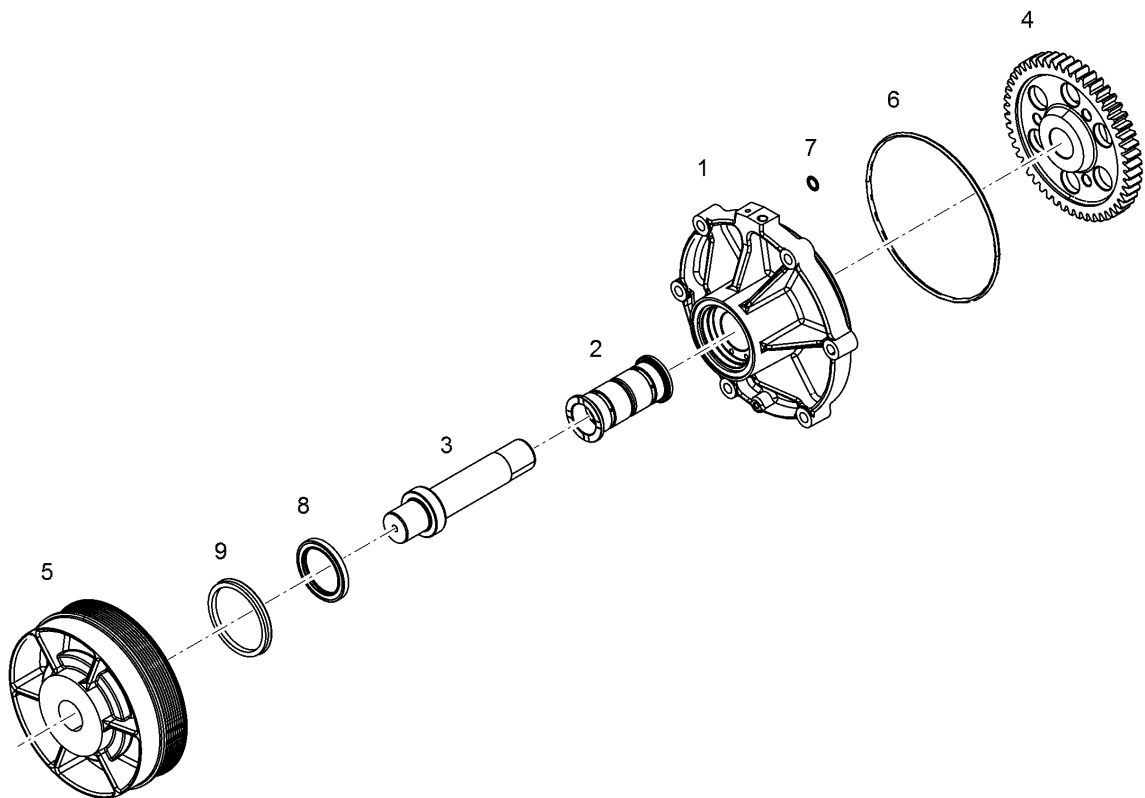
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
17	230611268	-	Distance sleeve	2	UN		
18	230611237	-	Pin	1	UN	10.17.2017	
19	230611555	-	Distance sleeve	1	UN		
20	230611444	-	Pin	1	UN		
21	230611556	-	Distance sleeve	1	UN		
22	230611476	-	Hex screw	1	UN		
23	230612099	-	Hex screw	1	UN		
24	230610236	-	Guide pulley compl.	1	UN		
25	230611093	-	Washer	1	UN		



Drive unit

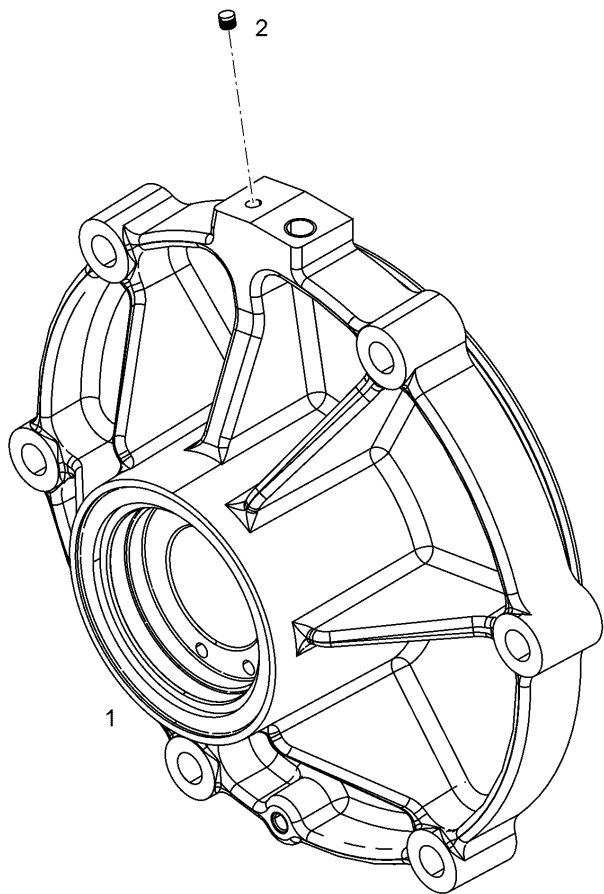
230611083

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612012	-	Bearing housing	1	UN		129
2	230612169	-	Plain bearing bushing	2	UN		
3	230612067	-	Drive shaft	1	UN		
4	230612092	-	Gear wheel	1	UN		
5	230612014	-	Belt pulley	1	UN		
6	230611064	-	O-ring	1	UN		
7	230611036	-	O-ring	1	UN		
8	230612186	-	Rotary shaft lip seal	1	UN		
9	230612216	-	V-ring	1	UN		



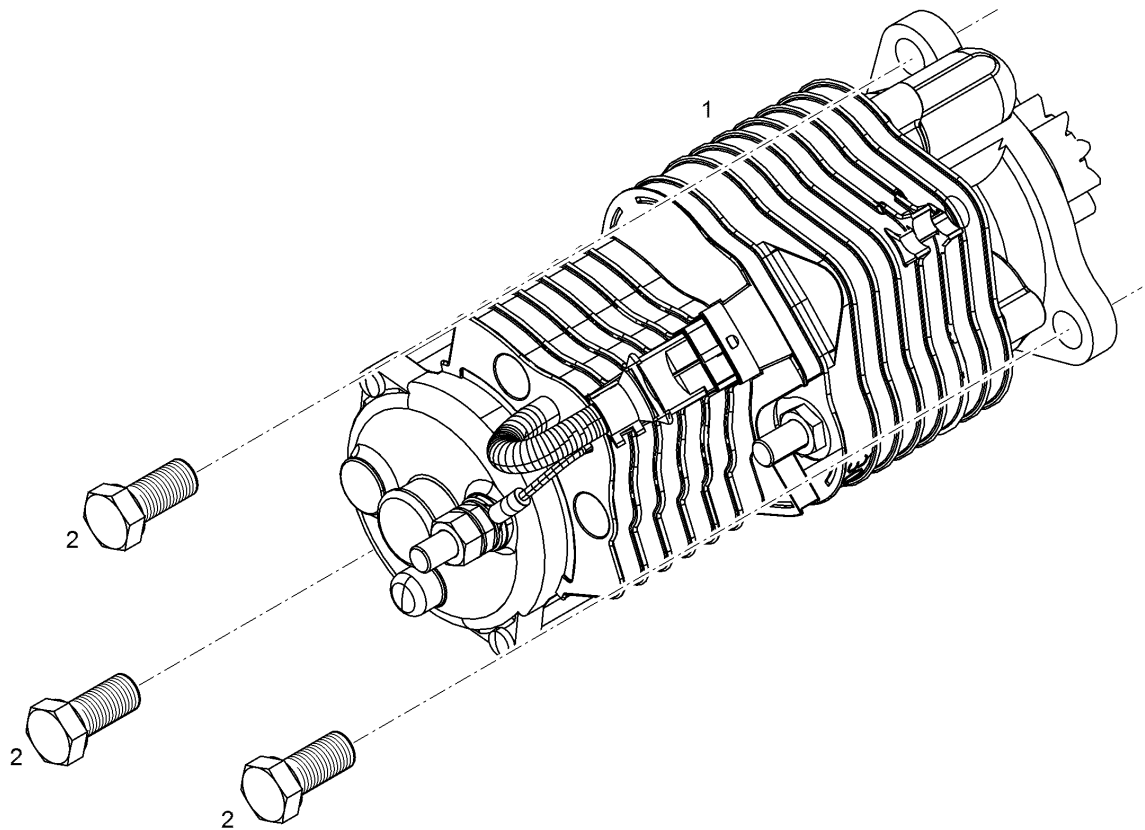
Bearing housing
230612012

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612013	-	Bearing housing	1	UN		
2	230611478	-	Plug	1	UN		



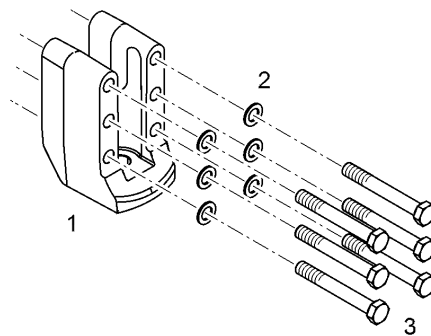
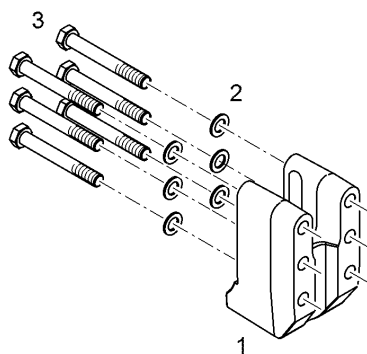
Starter installation
230612203

Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611082	-	Starter	2	UN			
2	230611038	-	Hex screw	6	UN			



Motor bracket
230612147

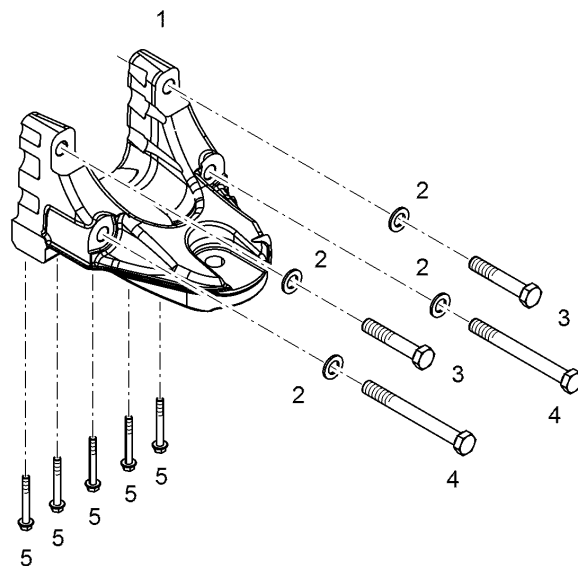
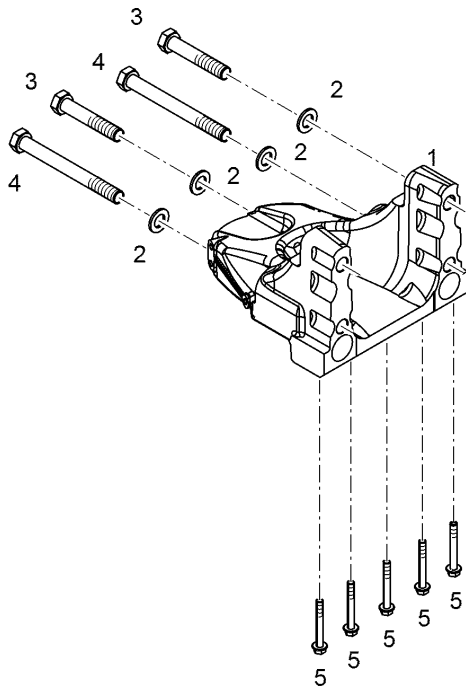
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611347	-	Motor bracket	2	UN			
2	230611094	-	Washer	12	UN			
3	230611533	-	Hex screw	12	UN			



Motor bracket

230612148

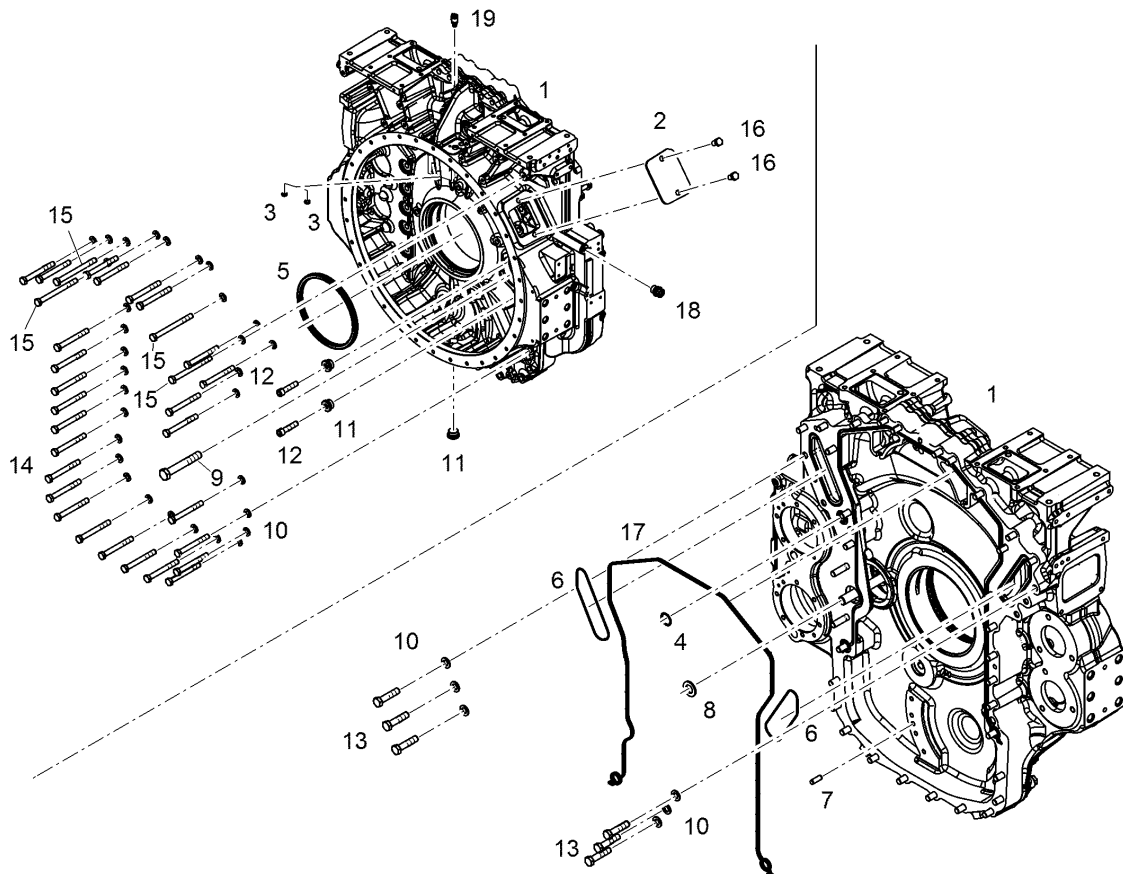
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611156	-	Motor bracket	2	UN			
2	230611095	-	Washer	8	UN			
3	230611531	-	Hex screw	4	UN			
4	230611532	-	Hex screw	4	UN			
5	230611464	-	Hex screw	10	UN			



Flywheel housing mounting

230612088

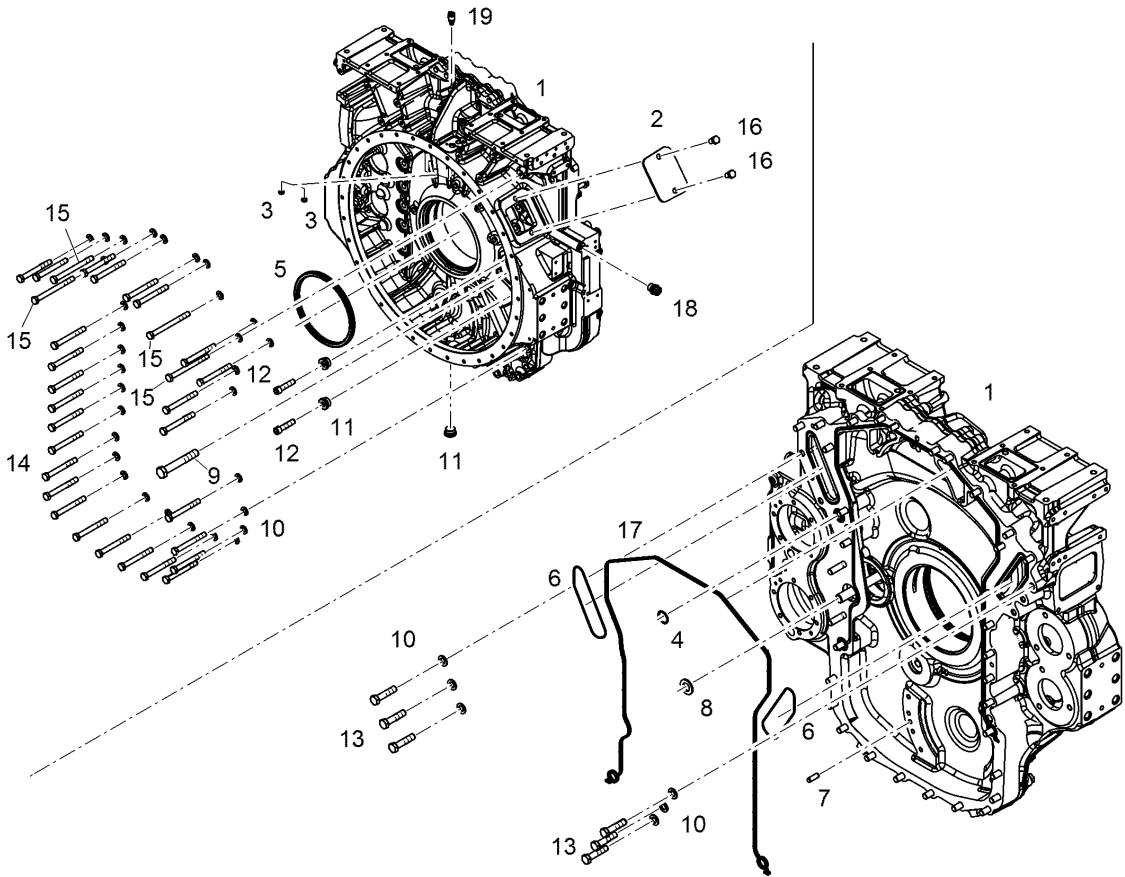
Po S.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230611793	-	Flywheel housing pre-assembly	1	UN			135
2	230611781	-	End cover	1	UN			
3	230611888	-	End cover	2	UN			
4	230611820	-	O-ring	1	UN			
5	230611783	-	Rotary shaft lip seal	1	UN			
6	230611852	-	O-ring	2	UN			
7	230611674	-	Parallel pin	1	UN			
8	230611095	-	Washer	1	UN			
9	230611810	-	Hex screw	1	UN			
10	230611033	-	Washer	37	UN			
11	230611417	-	Screw plug	3	UN			
12	230611883	-	Socket head screw	2	UN			
13	230611813	-	Hex screw	6	UN			
14	230611809	-	Hex screw	27	UN			
15	230611808	-	Hex screw	4	UN			
16	230611814	-	Hex screw	2	UN			



Flywheel housing mounting

230612088

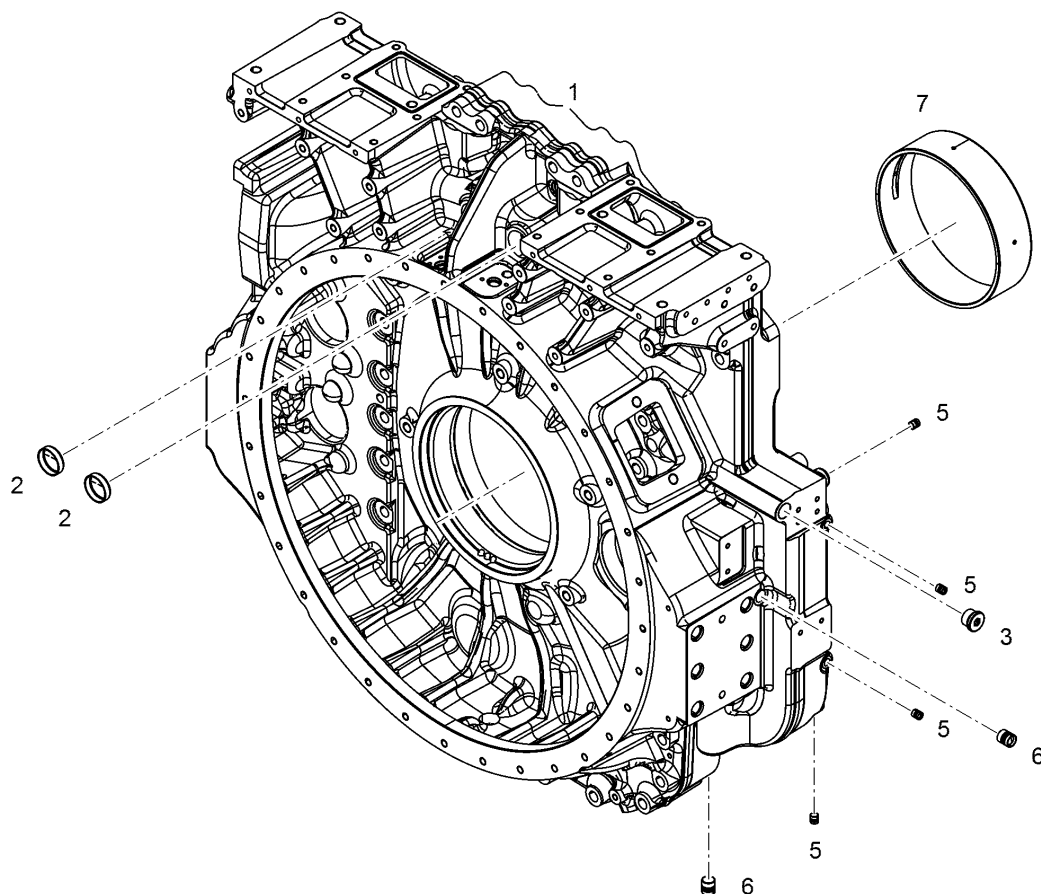
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
17	230611782	-	Seal	1	UN			
18	230611054	-	Flange joint	1	UN			
19	230611540	-	Test point fitting	1	UN			
98	230610431	-	Glue	1	UN			
99	230611882	-	Lubricant paste	1	UN			



Flywheel housing pre-assembly

230611793

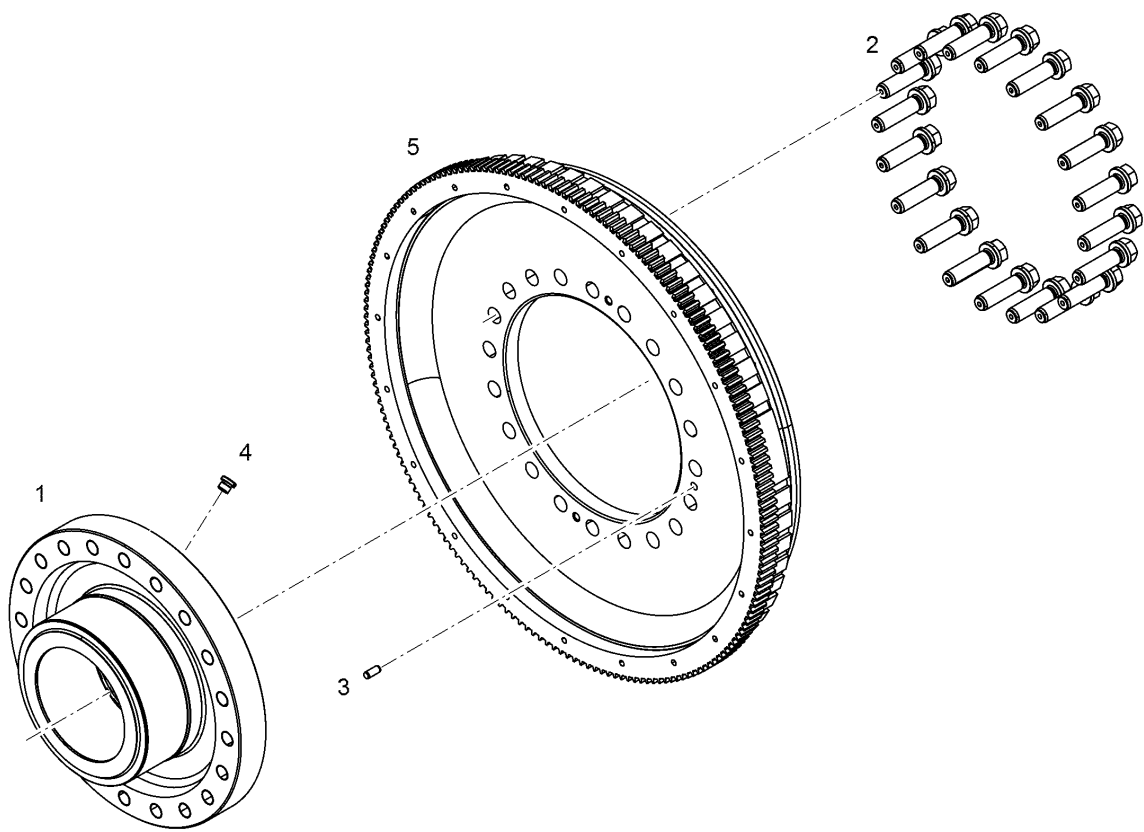
Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230612087	-	Flywheel housing	1	UN			
2	230612072	-	End cover	2	UN			
3	230610066	-	Screw plug	1	UN			
5	230611816	-	Sealing plug	4	UN			
6	230611817	-	Sealing plug	2	UN			
7	230611762	-	Bearing bushing	1	UN			



Flywheel assembly

230612086

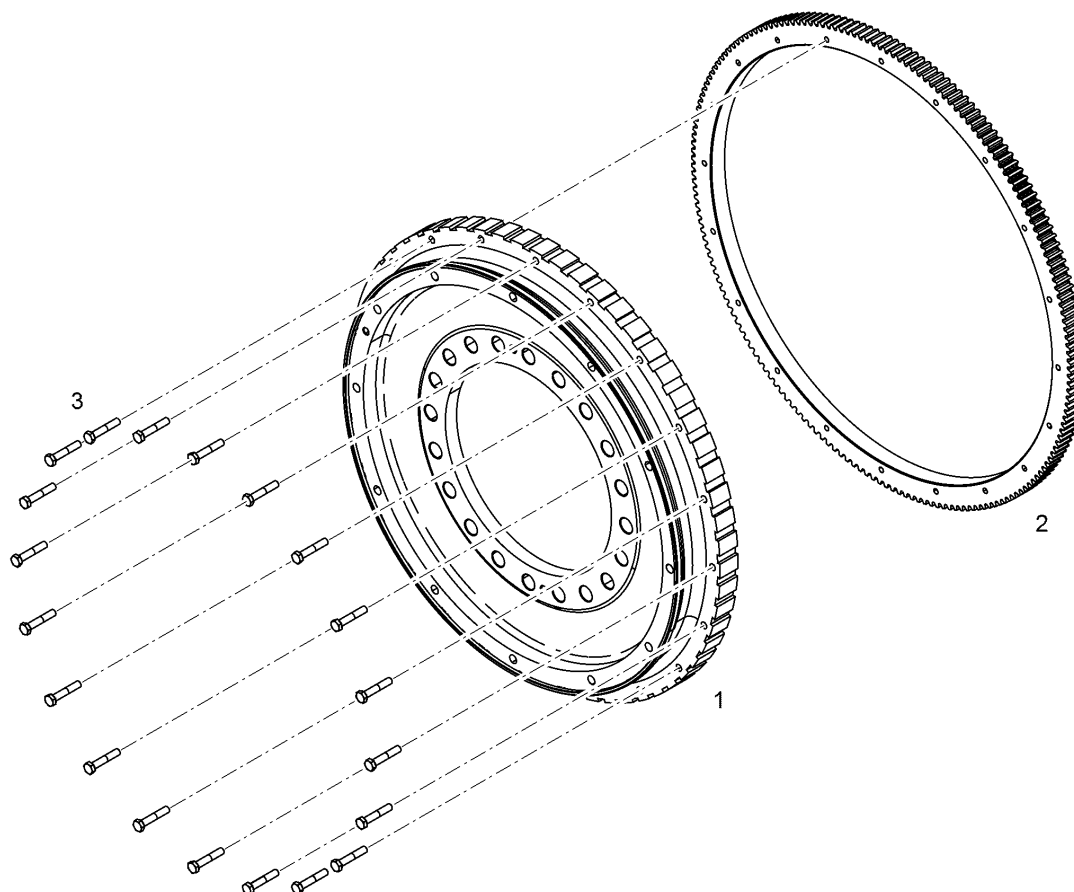
Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611795	-	Hub	1	UN		
2	230611360	-	Hex screw	20	UN		
3	230611092	-	Parallel pin	1	UN		
4	230611410	-	Screw plug	1	UN		
5	230611246	-	Flywheel	1	UN		137



Flywheel

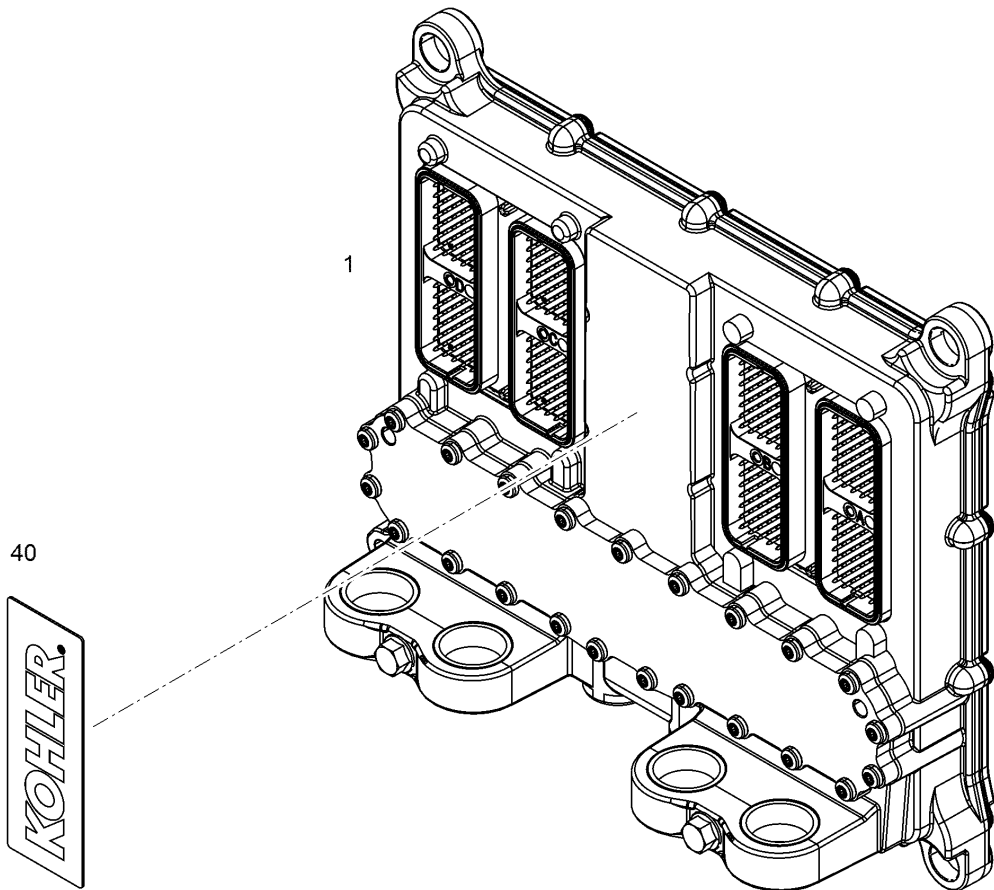
230611246

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612085	-	Flywheel	1	UN		
2	230612093	-	Gear wheel	1	UN		
3	230611387	-	Hex screw	20	UN		



Motor control device
230612760

Po s.	Part No.	Ver	Description	Qty.	Un	S/N from	S/N to	Page
1	230610256	-	Motor control device	1	UN			
40	230611644	-	Company name plate	1	UN			



Control box annexe

230612488

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611211	-	Retaining plate	4	UN		
3	230612492	-	Cover	1	UN		
4	230612517	-	End cover	1	UN		
5	230611150	-	Adaptor plate	12	UN		
6	230611218	-	Adaptor plate	4	UN		
7	230611217	-	Vibration damper	8	UN		
8	230611135	-	Distance sleeve	16	UN		
9	230611076	-	Flexible pipe	1	UN		
12	230611427	-	Hex screw	12	UN		
13	230611520	-	Hex screw	4	UN		
14	230611388	-	Hex screw	7	UN		
15	230611489	-	Hex screw	8	UN		
16	230611420	-	Hex screw	8	UN		
17	230611609	-	Flange joint	6	UN		
18	230610415	-	Screw plug	2	UN		
19	230611498	-	Clamp-half	8	UN		

Our apologies:
No illustration is currently
available.

Control box annexe

230612488

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
20	230611426	-	Lid plate	4	UN		
21	230611447	-	O-ring	1	UN		
22	230611446	-	O-ring	1	UN		
23	230612530	-	Flexible pipe	1	UN		
24	230612531	-	Flexible pipe	1	UN		

Our apologies:
No illustration is currently
available.

Engine control sensors

230612520

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
10	230612521	-	Engine control sensors	1	UN		142
20	230612657	-	Turbocharger sensor	1	UN		144
30	230612505	-	Cylinder head sensor	1	UN		145

Our apologies:
No illustration is currently
available.

Engine control sensors

230612521

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
10	230611506	-	Pressure sensor	2	UN		
20	230611505	-	Pressure sensor	1	UN		
30	230611527	-	Pressure sensor	1	UN		
40	230611504	-	Temperature sensor	5	UN		
50	230611510	-	Temperature sensor	1	UN		
70	230611546	-	Level sensor	2	UN		
80	230610079	-	Rotational speed sensor	1	UN		
100	230610198	-	O-ring	34	UN		
120	230610409	-	Sealing ring	2	UN		
170	230611646	-	Plug shell	16	UN		
220	230611283	-	Wiring harness	2	UN		
270	230611091	-	Ring	1	UN		
280	230611091	-	Ring	1	UN		
330	230610080	-	Rotational speed sensor	1	UN		
340	230611364	-	Wiring harness	16	UN		
350	230611459	-	Cap	4	UN		

Our apologies:
No illustration is currently
available.

Engine control sensors

230612521

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
370	230611647	-	Plug shell	16	UN		
380	230610533	-	Rubber ring	1	UN		
390	230612647	-	Rubber ring	1	UN		

Our apologies:
No illustration is currently
available.

Turbocharger sensor

230612657

Pos.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
10	230611215	-	Temperature sensor	1	UN		

Our apologies:
No illustration is currently
available.

Cylinder head sensor

230612505

Pos.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
10	230611241	-	Temperature sensor	16	UN		
20	230610409	-	Sealing ring	16	UN		

Our apologies:
No illustration is currently
available.

Channel for cable assembly 230612471

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612472	-	Channel for cable assembly	1	UN		147
2	230612473	-	Channel for cable assembly	1	UN		148
3	230612465	-	Cable channel	1	UN		149
5	230611231	-	Retaining plate	3	UN		
13	230611258	-	Retaining plate	2	UN		
14	230611220	-	Distance sleeve	2	UN		
15	230611162	-	Distance sleeve	2	UN		
16	230611522	-	Hex screw	2	UN		
17	230611473	-	Hex screw	2	UN		
18	230611263	-	Retaining plate	1	UN		
19	230611128	-	Holder	4	UN		
20	230611295	-	Holder	1	UN		
25	230611429	-	Hex screw	3	UN		
26	230611377	-	Screw	4	UN		
27	230611127	-	Distance sleeve	1	UN		
28	230611635	-	Hex screw	1	UN		

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No illustration is currently
available.

Channel for cable assembly 230612472

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612462	-	Cable channel	1	UN		
2	230612463	-	Cable channel	1	UN		
3	230611251	-	Sheet metal	16	UN		
7	230611461	-	Screw	31	UN		
8	230611384	-	Hex screw	17	UN		

Our apologies:
No illustration is currently
available.

Channel for cable assembly 230612473

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230612474	-	Channel for cable assembly	1	UN		
2	230612464	-	Cable channel	1	UN		
3	230611879	-	Distance sleeve	1	UN		
4	230611221	-	Brace	5	UN		
6	230611252	-	Brace	2	UN		
7	230611494	-	Screw	2	UN		
9	230611470	-	Hex screw	2	UN		
11	230611098	-	Hex screw	6	UN		
12	230611462	-	Hex screw	20	UN		
13	230612493	-	Cover	1	UN		

Our apologies:
No illustration is currently
available.

Cable channel

230612465

Po S.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
1	230611209	-	Electric channel	1	UN		
2	230611210	-	Half clamp	6	UN		
3	230611162	-	Distance sleeve	6	UN		
4	230611497	-	Hex screw	6	UN		
5	230611384	-	Hex screw	6	UN		

Our apologies:
No illustration is currently
available.

Cable attachment 230612461

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
3	230610425	-	Clamp	6	UN		
4	230610088	-	Clamp	13	UN		
5	230611632	-	Clamp	5	UN		
6	230610087	-	Clamp	4	UN		
7	230610424	-	Clamp	5	UN		
8	230611422	-	Hex screw	38	UN		
10	230611427	-	Hex screw	8	UN		
13	230611423	-	Screw	6	UN		
16	230611433	-	Screw	2	UN		
20	230611629	-	Clamp	23	UN		
21	230611633	-	Clamp	3	UN		
23	230611631	-	Clamp	1	UN		
24	230611526	-	Clamp	17	UN		
25	230611496	-	Hex screw	2	UN		
26	230611471	-	Hex screw	4	UN		
29	230611537	-	Hexalobular head screw	32	UN		

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No illustration is currently
available.

Cable attachment 230612461

Po s.	Part No.	Ver	Description	Qty.	Un S/N from	S/N to	Page
31	230611384	-	Hex screw	2	UN		
33	230611630	-	Clamp	2	UN		
34	230611593	-	Socket head screw	48	UN		
35	230610086	-	Clamp	2	UN		
39	230611477	-	Hex screw	1	UN		
41	230611163	-	Distance sleeve	3	UN		
47	230611033	-	Washer	2	UN		
48	230611890	-	Hex screw	2	UN		
49	230611295	-	Holder	2	UN		
51	230610426	-	Clamp	4	UN		
52	230612479	-	Clamp	7	UN		
54	230611421	-	Hex screw	16	UN		
61	230611429	-	Hex screw	15	UN		
76	230611864	-	Clamp	16	UN		
77	230611865	-	Hex screw	32	UN		

Our apologies:
No illustration is currently
available.

Ordering PN

Part number	Ver	Description	Ordering PN
230510002	-	Oil filter	230510002
230610002	-	Cylinder head cover	230610002
230610066	-	Screw plug	230610066
230610068	-	Screw plug	230610068
230610079	-	Rotational speed sensor	230610079
230610080	-	Rotational speed sensor	230610080
230610086	-	Clamp	230610086
230610087	-	Clamp	230610087
230610088	-	Clamp	230610088
230610198	-	O-ring	230610198
230610211	-	O-ring	230610211
230610236	-	Guide pulley compl.	230610236
230610252	-	Double nipple	230610252
230610256	-	Motor control device	230610256
230610274	-	Shut-off valve	230610274
230610409	-	Sealing ring	230610409
230610411	-	Screw plug	230610411
230610415	-	Screw plug	230610415
230610424	-	Clamp	230610424
230610425	-	Clamp	230610425
230610426	-	Clamp	230610426
230610431	-	Glue	230610431
230610470	-	Sealing plug	230610470
230610533	-	Rubber ring	230610533
230610726	-	Flange joint	230610726
230611025	-	Exhaust gas turbocharger	230611025
230611026	-	Exhaust gas turbocharger	230611026
230611027	-	Fuel line	230611027

Ordering PN

Part number	Ver	Description	Ordering PN
230611030	-	Injector assy	230611030
230611031	-	High pressure pump	230611031
230611032	-	High pressure pump	230611032
230611033	-	Washer	230611033
230611034	-	Clamp	230611034
230611035	-	Hex screw	230611035
230611036	-	O-ring	230611036
230611037	-	Hex screw	230611037
230611038	-	Hex screw	230611038
230611039	-	Hex screw	230611039
230611040	-	O-ring	230611040
230611041	-	Double-ended stud	230611041
230611043	-	Hose clamp	230611043
230611044	-	Hexalobular head screw	230611044
230611045	-	O-ring	230611045
230611046	-	Hexagonal screw	230611046
230611047	-	Flange joint	230611047
230611048	-	Fitted screw	230611048
230611049	-	O-ring	230611049
230611050	-	O-ring	230611050
230611051	-	O-ring	230611051
230611052	-	O-ring	230611052
230611053	-	O-ring	230611053
230611054	-	Flange joint	230611054
230611055	-	O-ring	230611055
230611057	-	Seal	230611057
230611058	-	O-ring	230611058
230611059	-	Seal	230611059

Ordering PN

Part number	Ver	Description	Ordering PN
230611060	-	O-ring	230611060
230611061	-	O-ring	230611061
230611062	-	Seal	230611062
230611064	-	O-ring	230611064
230611065	-	Seal	230611065
230611066	-	Thermostat	230611066
230611067	-	Seal	230611067
230611069	-	V-ripped belt	230611069
230611070	-	Hexagonal screw	230611070
230611071	-	Retainer clip	230611071
230611072	-	Thermostat	230611072
230611073	-	O-ring kit	230611073
230611074	-	Paper insert	230611074
230611076	-	Flexible pipe	230611076
230611077	-	Valve	230611077
230611079	-	Fuel line	230611079
230611080	-	Fuel line	230611080
230611081	-	Generator	230611081
230611082	-	Starter	230611082
230611083	-	Drive unit	230611083
230611089	-	O-ring	230611089
230611091	-	Ring	230611091
230611092	-	Parallel pin	230611092
230611093	-	Washer	230611093
230611094	-	Washer	230611094
230611095	-	Washer	230611095
230611096	-	Hex screw	230611096
230611098	-	Hex screw	230611098

Ordering PN

Part number	Ver	Description	Ordering PN
230611099	-	Hex screw	230611099
230611100	-	Hex screw	230611100
230611101	-	Hex screw	230611101
230611102	-	Hex screw	230611102
230611103	-	Screw	230611103
230611104	-	Screw	230611104
230611105	-	Hex screw	230611105
230611106	-	Screw	230611106
230611107	-	O-ring	230611107
230611108	-	Flange joint	230611108
230611109	-	Hex screw	230611109
230611110	-	Hex nut	230611110
230611111	-	Hex screw	230611111
230611112	-	Hex screw	230611112
230611113	-	Hex screw	230611113
230611115	-	Hex screw	230611115
230611116	-	Hex screw	230611116
230611117	-	Hex screw	230611117
230611118	-	Hex nut	230611118
230611119	-	O-ring	230611119
230611121	-	Screw plug	230611121
230611122	-	Sheet metal	230611122
230611123	-	Seal	230611123
230611126	-	Flange	230611126
230611127	-	Distance sleeve	230611127
230611128	-	Holder	230611128
230611129	-	Compensator	230611129
230611130	-	Compensator	230611130

Ordering PN

Part number	Ver	Description	Ordering PN
230611131	-	Lubricating oil line	230611131
230611132	-	Lubricating oil line	230611132
230611133	-	Distance sleeve	230611133
230611134	-	Distance sleeve	230611134
230611135	-	Distance sleeve	230611135
230611136	-	Clamp	230611136
230611137	-	Sheet metal	230611137
230611138	-	Fastening device	230611138
230611142	-	Retaining plate	230611142
230611143	-	Distance sleeve	230611143
230611144	-	Distance sleeve	230611144
230611145	-	Manifold tube	230611145
230611146	-	Flange	230611146
230611147	-	Distance sleeve	230611147
230611150	-	Adaptor plate	230611150
230611151	-	End cover	230611151
230611153	-	Overflow-oil line	230611153
230611154	-	Overflow-oil line	230611154
230611156	-	Motor bracket	230611156
230611157	-	End cover	230611157
230611160	-	Retaining plate	230611160
230611161	-	Overflow-oil line	230611161
230611162	-	Distance sleeve	230611162
230611163	-	Distance sleeve	230611163
230611164	-	Hex screw	230611164
230611165	-	Retaining plate	230611165
230611168	-	Clamp-half	230611168
230611170	-	Pipe clamp	230611170

Ordering PN

Part number	Ver	Description	Ordering PN
230611171	-	Distributor block	230611171
230611172	-	End cover	230611172
230611174	-	Lubricating oil line	230611174
230611175	-	Lubricating oil line	230611175
230611176	-	Lubricating oil line	230611176
230611177	-	Sheet	230611177
230611178	-	Ventilation line	230611178
230611179	-	Ventilation line	230611179
230611183	-	Bracket	230611183
230611184	-	Holder	230611184
230611185	-	Exhaust nozzle	230611185
230611187	-	Lock washer	230611187
230611193	-	Sleeve	230611193
230611194	-	Ventilation line	230611194
230611195	-	Ventilation line	230611195
230611198	-	Union	230611198
230611201	-	Compensator	230611201
230611202	-	Charge air line	230611202
230611203	-	Fuel line	230611203
230611206	-	Retaining plate	230611206
230611207	-	Vibration damper	230611207
230611208	-	Protection guard	230611208
230611209	-	Electric channel	230611209
230611210	-	Half clamp	230611210
230611211	-	Retaining plate	230611211
230611212	-	Holder	230611212
230611213	-	Gasket	230611213
230611214	-	Oil return pipe	230611214

Ordering PN

Part number	Ver	Description	Ordering PN
230611215	-	Temperature sensor	230611215
230611217	-	Vibration damper	230611217
230611218	-	Adaptor plate	230611218
230611219	-	Liquid cooling pipeline	230611219
230611220	-	Distance sleeve	230611220
230611221	-	Brace	230611221
230611222	-	Distance sleeve	230611222
230611224	-	Ventilation line	230611224
230611225	-	Ventilation line	230611225
230611226	-	Liquid cooling pipeline	230611226
230611227	-	Liquid cooling pipeline	230611227
230611228	-	Liquid cooling pipeline	230611228
230611229	-	Liquid cooling pipeline	230611229
230611231	-	Retaining plate	230611231
230611232	-	Liquid cooling pipeline	230611232
230611233	-	Liquid cooling pipeline	230611233
230611234	-	Pin	230611234
230611235	-	Liquid cooling pipeline	230611235
230611236	-	Liquid cooling pipeline	230611236
230611237	-	Pin	230611237
230611238	-	Fittings	230611238
230611240	-	Orifice	230611240
230611241	-	Temperature sensor	230611241
230611242	-	Holder	230611242
230611243	-	Holder	230611243
230611244	-	Holder	230611244
230611246	-	Flywheel	230611246
230611251	-	Sheet metal	230611251

Ordering PN

Part number	Ver	Description	Ordering PN
230611252	-	Brace	230611252
230611253	-	Charge air line	230611253
230611254	-	Distance plate	230611254
230611258	-	Retaining plate	230611258
230611259	-	Check valve	230611259
230611263	-	Retaining plate	230611263
230611264	-	Overflow-oil line	230611264
230611265	-	Overflow-oil line	230611265
230611266	-	Holder	230611266
230611267	-	Distance sleeve	230611267
230611268	-	Distance sleeve	230611268
230611278	-	Elbow	230611278
230611279	-	Distance sleeve	230611279
230611283	-	Wiring harness	230611283
230611284	-	Crankcase cover	230611284
230611286	-	Connecting rod assembly	230611286
230611287	-	Cylinder liner assembly	230611287
230611288	-	Retaining plate	230611288
230611289	-	Holder	230611289
230611292	-	Outlet manifold	230611292
230611293	-	Outlet manifold	230611293
230611294	-	Outlet manifold	230611294
230611295	-	Holder	230611295
230611297	-	Distance sleeve	230611297
230611298	-	Protection guard	230611298
230611300	-	Oil filler inlet	230611300
230611301	-	Oil dipstick	230611301
230611302	-	Distance sleeve	230611302

Ordering PN

Part number	Ver	Description	Ordering PN
230611304	-	Retaining plate	230611304
230611306	-	Rocker arm pre-assembly	230611306
230611307	-	Rocker arm pre-assembly	230611307
230611308	-	Cable harness mounting	230611308
230611310	-	Ventilation line	230611310
230611312	-	Retaining plate	230611312
230611317	-	Piston ring	230611317
230611318	-	Piston ring	230611318
230611319	-	Flange	230611319
230611320	-	Plug-in pipe	230611320
230611321	-	Seal	230611321
230611323	-	End cover	230611323
230611326	-	Flange	230611326
230611328	-	Plug-in pipe	230611328
230611329	-	Plug-in pipe	230611329
230611330	-	Piston ring	230611330
230611337	-	Plug-in pipe	230611337
230611338	-	Fastener	230611338
230611341	-	Manifold tube	230611341
230611342	-	Plug-in pipe	230611342
230611343	-	Plug-in pipe	230611343
230611344	-	Manifold tube	230611344
230611345	-	Plug-in pipe	230611345
230611347	-	Motor bracket	230611347
230611349	-	Elbow	230611349
230611350	-	Wheel	230611350
230611351	-	Flange	230611351
230611352	-	End cover	230611352

Ordering PN

Part number	Ver	Description	Ordering PN
230611353	-	Flange	230611353
230611355	-	Thermostat housing	230611355
230611356	-	Thermostat housing	230611356
230611357	-	Rotary shaft lip seal	230611357
230611358	-	Hex screw	230611358
230611359	-	Hex screw	230611359
230611360	-	Hex screw	230611360
230611361	-	Gear	230611361
230611363	-	Hex screw	230611363
230611364	-	Wiring harness	230611364
230611365	-	Washer	230611365
230611366	-	Union	230611366
230611370	-	Hex screw	230611370
230611371	-	Hex screw	230611371
230611373	-	Union	230611373
230611374	-	Sealing ring	230611374
230611375	-	Hex screw	230611375
230611376	-	O-ring	230611376
230611377	-	Screw	230611377
230611378	-	Hex screw	230611378
230611379	-	Hex screw	230611379
230611380	-	O-ring	230611380
230611384	-	Hex screw	230611384
230611385	-	Hex screw	230611385
230611386	-	O-ring	230611386
230611387	-	Hex screw	230611387
230611388	-	Hex screw	230611388
230611389	-	Hex screw	230611389

Ordering PN

Part number	Ver	Description	Ordering PN
230611391	-	Screw	230611391
230611392	-	O-ring	230611392
230611393	-	Screw	230611393
230611394	-	O-ring	230611394
230611395	-	O-ring	230611395
230611398	-	Hex screw	230611398
230611400	-	Locking ring	230611400
230611402	-	Hex screw	230611402
230611405	-	Flange joint	230611405
230611406	-	Flange joint	230611406
230611407	-	Clamp	230611407
230611409	-	Flange joint	230611409
230611410	-	Screw plug	230611410
230611411	-	Flange joint	230611411
230611412	-	Hex screw	230611412
230611413	-	Flange joint	230611413
230611414	-	Union	230611414
230611415	-	O-ring	230611415
230611416	-	Screw	230611416
230611417	-	Screw plug	230611417
230611418	-	Hex screw	230611418
230611419	-	Screw	230611419
230611420	-	Hex screw	230611420
230611421	-	Hex screw	230611421
230611422	-	Hex screw	230611422
230611423	-	Screw	230611423
230611424	-	O-ring	230611424
230611425	-	Screw	230611425

Ordering PN

Part number	Ver	Description	Ordering PN
230611426	-	Lid plate	230611426
230611427	-	Hex screw	230611427
230611428	-	Clamp-half	230611428
230611429	-	Hex screw	230611429
230611431	-	Screw	230611431
230611433	-	Screw	230611433
230611434	-	O-ring	230611434
230611435	-	Screw	230611435
230611436	-	Hex screw	230611436
230611437	-	Half clamp	230611437
230611438	-	Lid plate	230611438
230611439	-	Sheet metal	230611439
230611440	-	Hex screw	230611440
230611441	-	Hex screw	230611441
230611442	-	Hex screw	230611442
230611443	-	Hex screw	230611443
230611444	-	Pin	230611444
230611446	-	O-ring	230611446
230611447	-	O-ring	230611447
230611448	-	Cap	230611448
230611449	-	O-ring	230611449
230611450	-	O-ring	230611450
230611451	-	O-ring	230611451
230611452	-	O-ring	230611452
230611453	-	O-ring	230611453
230611454	-	O ring	230611454
230611455	-	O-ring	230611455
230611456	-	O-ring	230611456

Ordering PN

Part number	Ver	Description	Ordering PN
230611457	-	O-ring	230611457
230611458	-	O-ring	230611458
230611459	-	Cap	230611459
230611460	-	Screw plug	230611460
230611461	-	Screw	230611461
230611462	-	Hex screw	230611462
230611463	-	Hex screw	230611463
230611464	-	Hex screw	230611464
230611465	-	Flange joint	230611465
230611466	-	Test point fitting	230611466
230611467	-	Hex nut	230611467
230611468	-	Hex nut	230611468
230611470	-	Hex screw	230611470
230611471	-	Hex screw	230611471
230611472	-	Screw	230611472
230611473	-	Hex screw	230611473
230611474	-	O-ring	230611474
230611475	-	O-ring	230611475
230611476	-	Hex screw	230611476
230611477	-	Hex screw	230611477
230611478	-	Plug	230611478
230611479	-	Flange joint	230611479
230611480	-	Flange joint	230611480
230611481	-	Flange joint	230611481
230611482	-	Hex screw	230611482
230611483	-	Lid plate	230611483
230611484	-	Hex screw	230611484
230611485	-	O-ring	230611485

Ordering PN

Part number	Ver	Description	Ordering PN
230611486	-	Clamp-half	230611486
230611487	-	Clamp-half	230611487
230611489	-	Hex screw	230611489
230611490	-	Hex screw	230611490
230611491	-	Hex screw	230611491
230611492	-	Double pipe clamp	230611492
230611493	-	Flange joint	230611493
230611494	-	Screw	230611494
230611495	-	Flange joint	230611495
230611496	-	Hex screw	230611496
230611497	-	Hex screw	230611497
230611498	-	Clamp-half	230611498
230611499	-	Locking plate	230611499
230611500	-	Hex nut	230611500
230611502	-	Flange joint	230611502
230611504	-	Temperature sensor	230611504
230611505	-	Pressure sensor	230611505
230611506	-	Pressure sensor	230611506
230611508	-	Flange joint	230611508
230611509	-	Hex screw	230611509
230611510	-	Temperature sensor	230611510
230611511	-	O-ring	230611511
230611512	-	Screw plug	230611512
230611514	-	Screw plug	230611514
230611515	-	Screw plug	230611515
230611516	-	Flange joint	230611516
230611517	-	Flange joint	230611517
230611518	-	Flange joint	230611518

Ordering PN

Part number	Ver	Description	Ordering PN
230611519	-	Flange joint	230611519
230611520	-	Hex screw	230611520
230611521	-	Hex screw	230611521
230611522	-	Hex screw	230611522
230611523	-	Flange joint	230611523
230611524	-	Flange joint	230611524
230611525	-	Flange joint	230611525
230611526	-	Clamp	230611526
230611527	-	Pressure sensor	230611527
230611528	-	Union	230611528
230611531	-	Hex screw	230611531
230611532	-	Hex screw	230611532
230611533	-	Hex screw	230611533
230611537	-	Hexalobular head screw	230611537
230611538	-	Washer	230611538
230611539	-	Hex screw	230611539
230611540	-	Test point fitting	230611540
230611541	-	Clamp-half	230611541
230611542	-	Pipe clamp	230611542
230611543	-	Hex screw	230611543
230611544	-	Hex screw	230611544
230611545	-	O-ring	230611545
230611546	-	Level sensor	230611546
230611547	-	Test point fitting	230611547
230611549	-	Cable harness mounting	230611549
230611552	-	Clamp-half	230611552
230611553	-	Retaining plate	230611553
230611554	-	Retaining plate	230611554

Ordering PN

Part number	Ver	Description	Ordering PN
230611555	-	Distance sleeve	230611555
230611556	-	Distance sleeve	230611556
230611557	-	Holder	230611557
230611562	-	Flange	230611562
230611563	-	Fuel line	230611563
230611568	-	Holder	230611568
230611569	-	Holder	230611569
230611570	-	Liquid cooling pipeline LT	230611570
230611571	-	Holder	230611571
230611572	-	Rocker arm housing	230611572
230611573	-	Flange	230611573
230611574	-	Plate	230611574
230611579	-	Rocker axle	230611579
230611580	-	Rocker axle	230611580
230611582	-	Flange	230611582
230611584	-	Lubricating oil line	230611584
230611585	-	Holder	230611585
230611586	-	Lid plate	230611586
230611587	-	Piston cpl.	230611587
230611591	-	Distance sleeve	230611591
230611593	-	Socket head screw	230611593
230611594	-	Socket head screw	230611594
230611595	-	Flange joint	230611595
230611596	-	Flange joint	230611596
230611597	-	Sealing ring	230611597
230611600	-	Socket head screw	230611600
230611601	-	Screw	230611601
230611603	-	Hex screw	230611603

Ordering PN

Part number	Ver	Description	Ordering PN
230611604	-	Box nut	230611604
230611605	-	Parallel pin	230611605
230611606	-	Flange joint	230611606
230611607	-	Pin	230611607
230611608	-	Hex screw	230611608
230611609	-	Flange joint	230611609
230611610	-	Union	230611610
230611612	-	Parallel pin	230611612
230611613	-	End cover	230611613
230611614	-	Hex screw	230611614
230611615	-	O-ring	230611615
230611616	-	Cap	230611616
230611617	-	O-ring	230611617
230611619	-	O-ring	230611619
230611622	-	O-ring	230611622
230611623	-	O-ring	230611623
230611624	-	O-ring	230611624
230611625	-	O-ring	230611625
230611626	-	O-ring	230611626
230611627	-	O-ring	230611627
230611629	-	Clamp	230611629
230611630	-	Clamp	230611630
230611631	-	Clamp	230611631
230611632	-	Clamp	230611632
230611633	-	Clamp	230611633
230611635	-	Hex screw	230611635
230611644	-	Company name plate	230611644
230611646	-	Plug shell	230611646

Ordering PN

Part number	Ver	Description	Ordering PN
230611647	-	Plug shell	230611647
230611650	-	O-ring	230611650
230611654	-	O-ring	230611654
230611656	-	Hex screw	230611656
230611658	-	Socket head screw	230611658
230611659	-	Hex screw	230611659
230611660	-	Hex screw	230611660
230611661	-	Hex screw	230611661
230611662	-	Hex screw	230611662
230611663	-	Flange joint	230611663
230611667	-	Parallel pin	230611667
230611668	-	Screw locking	230611668
230611669	-	Parallel pin	230611669
230611670	-	Profile packing	230611670
230611671	-	Hex screw	230611671
230611674	-	Parallel pin	230611674
230611676	-	Washer	230611676
230611677	-	Washer	230611677
230611683	-	O-ring	230611683
230611684	-	Flange joint	230611684
230611686	-	Hex screw	230611686
230611687	-	Socket head screw	230611687
230611689	-	Flange joint	230611689
230611690	-	Holder	230611690
230611691	-	Suction funnel	230611691
230611693	-	Seal	230611693
230611694	-	Spacer piece	230611694
230611696	-	Hex screw	230611696

Ordering PN

Part number	Ver	Description	Ordering PN
230611697	-	Distributor block	230611697
230611698	-	Screw-on connection	230611698
230611701	-	Distributor block	230611701
230611702	-	Charge air cooler	230611702
230611703	-	Charge air cooler	230611703
230611706	-	Overflow-oil line	230611706
230611708	-	Oil cooler	230611708
230611709	-	Oil return pipe	230611709
230611710	-	Insulation	230611710
230611711	-	Plain bearing bushing	230611711
230611714	-	Connecting flange pre-assy.	230611714
230611715	-	Drive for high pressure pump	230611715
230611718	-	Wearing ring	230611718
230611719	-	Lever pre-assy.	230611719
230611720	-	Axle	230611720
230611721	-	Axle	230611721
230611722	-	Washer	230611722
230611723	-	Wearing ring	230611723
230611724	-	Seal	230611724
230611728	-	Thrust washer	230611728
230611733	-	Drive shaft	230611733
230611734	-	Piston cooling	230611734
230611736	-	Fuel line	230611736
230611737	-	Fuel line	230611737
230611738	-	Distributor block	230611738
230611739	-	Flange assembly	230611739
230611745	-	Distributor block	230611745
230611746	-	Overflow-oil line	230611746

Ordering PN

Part number	Ver	Description	Ordering PN
230611747	-	Overflow-oil line	230611747
230611748	-	Crankshaft wheel	230611748
230611749	-	Crankshaft wheel	230611749
230611750	-	Thrust bearing	230611750
230611751	-	Valve spring	230611751
230611752	-	Spring support	230611752
230611753	-	Shim ring	230611753
230611754	-	Axle	230611754
230611755	-	Intermediate wheel axle	230611755
230611756	-	Axle	230611756
230611757	-	Anti polishing ring	230611757
230611759	-	Sealing ring	230611759
230611760	-	End cover	230611760
230611761	-	End cover	230611761
230611762	-	Bearing bushing	230611762
230611765	-	Cover seal	230611765
230611767	-	Valve collet	230611767
230611770	-	Conrod big end bearing upper	230611770
230611771	-	Conrod big end bearing lower	230611771
230611772	-	Seal	230611772
230611773	-	Flachdichtung	230611773
230611774	-	Tappet push rod	230611774
230611775	-	Elbow pre-assembly	230611775
230611776	-	Main bearing	230611776
230611777	-	Main bearing	230611777
230611778	-	Coolant connector HT	230611778
230611779	-	Blanking plug	230611779
230611780	-	End cover	230611780

Ordering PN

Part number	Ver	Description	Ordering PN
230611781	-	End cover	230611781
230611782	-	Seal	230611782
230611783	-	Rotary shaft lip seal	230611783
230611784	-	Aggregate support pre-assembly	230611784
230611785	-	Conrod bolt	230611785
230611786	-	Gearwheels pre-assembly	230611786
230611788	-	Spur wheel cpl.	230611788
230611791	-	Spur wheel	230611791
230611792	-	Intermediate gear pre-assembly	230611792
230611793	-	Flywheel housing pre-assembly	230611793
230611795	-	Hub	230611795
230611797	-	Wearing ring	230611797
230611798	-	Inlet valve	230611798
230611799	-	Outlet valve	230611799
230611800	-	Connecting rod pre-assembly	230611800
230611802	-	Socket head screw	230611802
230611803	-	O-ring	230611803
230611804	-	O-ring	230611804
230611808	-	Hex screw	230611808
230611809	-	Hex screw	230611809
230611810	-	Hex screw	230611810
230611811	-	Hex screw	230611811
230611813	-	Hex screw	230611813
230611814	-	Hex screw	230611814
230611815	-	Sealing plug	230611815
230611816	-	Sealing plug	230611816
230611817	-	Sealing plug	230611817
230611818	-	Sealing plug	230611818

Ordering PN

Part number	Ver	Description	Ordering PN
230611819	-	Box nut	230611819
230611820	-	O-ring	230611820
230611821	-	Sealing plug	230611821
230611824	-	O-ring	230611824
230611825	-	Screw plug	230611825
230611826	-	O-ring	230611826
230611827	-	O ring	230611827
230611828	-	O-ring	230611828
230611829	-	O-ring	230611829
230611830	-	O-ring	230611830
230611831	-	Hex screw	230611831
230611832	-	O-ring	230611832
230611833	-	Screw plug	230611833
230611834	-	Screw plug	230611834
230611835	-	Flange joint	230611835
230611838	-	Hex screw	230611838
230611840	-	Flange joint	230611840
230611841	-	Socket head screw	230611841
230611842	-	Washer	230611842
230611849	-	Hex screw	230611849
230611850	-	O-ring	230611850
230611851	-	Hex screw	230611851
230611852	-	O-ring	230611852
230611853	-	Non-return valve	230611853
230611855	-	Screw plug	230611855
230611857	-	Socket head screw	230611857
230611858	-	Filter cover	230611858
230611859	-	Rotor	230611859

Ordering PN

Part number	Ver	Description	Ordering PN
230611860	-	Circlip set	230611860
230611861	-	Band clamp	230611861
230611862	-	Filter housing	230611862
230611863	-	Hex screw	230611863
230611864	-	Clamp	230611864
230611865	-	Hex screw	230611865
230611866	-	Distributor block	230611866
230611867	-	Distributor block	230611867
230611869	-	Distributor block	230611869
230611870	-	Valve bridge	230611870
230611871	-	Seal carrier	230611871
230611872	-	Cover	230611872
230611874	-	Camshaft bearing	230611874
230611875	-	Camshaft bearing	230611875
230611878	-	Seal	230611878
230611879	-	Distance sleeve	230611879
230611880	-	Distance sleeve	230611880
230611882	-	Lubricant paste	230611882
230611883	-	Socket head screw	230611883
230611884	-	Parallel pin	230611884
230611885	-	Flange joint	230611885
230611888	-	End cover	230611888
230611889	-	Socket head screw	230611889
230611890	-	Hex screw	230611890
230611892	-	Valve stem seal ring	230611892
230611893	-	Control parts	230611893
230611894	-	Control parts	230611894
230611897	-	Spur wheel	230611897

Ordering PN

Part number	Ver	Description	Ordering PN
230611899	-	Valve rotator	230611899
230611900	-	Screw plug	230611900
230611904	-	Cylinder head pre-assy.	230611904
230611906	-	End cover	230611906
230611909	-	Pressure regulator	230611909
230611910	-	Cylinder head pre-assy.	230611910
230611998	-	O-ring	230611998
230611999	-	O-ring	230611999
230612006	-	Axle	230612006
230612007	-	Axle	230612007
230612008	-	Axle	230612008
230612009	-	Bearing bush	230612009
230612012	-	Bearing housing	230612012
230612013	-	Bearing housing	230612013
230612014	-	Belt pulley	230612014
230612020	-	Camshaft drive	230612020
230612024	-	Charge air cooler assembly	230612024
230612026	-	Connecting elbow	230612026
230612027	-	Connection flange	230612027
230612030	-	Connection flange	230612030
230612036	-	Coolant connector HT	230612036
230612037	-	Coolant connector LT	230612037
230612038	-	Cooling medium pipeline HT	230612038
230612043	-	Crankcase cover assembly	230612043
230612048	-	Cylinder head cover assy	230612048
230612050	-	Cylinder liner	230612050
230612054	-	Distributor block	230612054
230612058	-	Distributor block	230612058

Ordering PN

Part number	Ver	Description	Ordering PN
230612059	-	Distributor block	230612059
230612065	-	Drive for high pressure pump	230612065
230612066	-	Drive for high pressure pump	230612066
230612067	-	Drive shaft	230612067
230612071	-	End cover	230612071
230612072	-	End cover	230612072
230612073	-	End cover	230612073
230612080	-	Exhaust nozzle attachment	230612080
230612083	-	Final control valve	230612083
230612084	-	Flange	230612084
230612085	-	Flywheel	230612085
230612086	-	Flywheel assembly	230612086
230612087	-	Flywheel housing	230612087
230612088	-	Flywheel housing mounting	230612088
230612092	-	Gear wheel	230612092
230612093	-	Gear wheel	230612093
230612094	-	Generator add-on	230612094
230612099	-	Hex screw	230612099
230612101	-	Hex screw	230612101
230612110	-	Hex screw	230612110
230612111	-	High pressure pump	230612111
230612112	-	Holder	230612112
230612115	-	Holder	230612115
230612116	-	Holder	230612116
230612118	-	Holder	230612118
230612120	-	Injection lines	230612120
230612124	-	Injector	230612124
230612130	-	Intermediate gear assembly	230612130

Ordering PN

Part number	Ver	Description	Ordering PN
230612131	-	Intermediate gear assembly	230612131
230612134	-	Lever	230612134
230612136	-	Liquid cooling pipeline HT	230612136
230612137	-	Liquid cooling pipeline LT	230612137
230612141	-	Lubricating oil line add-on	230612141
230612143	-	Lubricating oil line add-on	230612143
230612147	-	Motor bracket	230612147
230612148	-	Motor bracket	230612148
230612151	-	Oil centrifuge	230612151
230612155	-	Oil filler inlet	230612155
230612157	-	Oil line assembly	230612157
230612158	-	Orifice	230612158
230612166	-	Piston	230612166
230612167	-	Piston bolt	230612167
230612168	-	Piston ring	230612168
230612169	-	Plain bearing bushing	230612169
230612175	-	Power unit support attachment	230612175
230612176	-	Protection guard	230612176
230612177	-	Protection plate add-on	230612177
230612178	-	Protection plate add-on	230612178
230612184	-	Rocker lever housing assembly	230612184
230612185	-	Roller	230612185
230612186	-	Rotary shaft lip seal	230612186
230612193	-	Seal carrier	230612193
230612195	-	Sealing ring	230612195
230612201	-	Spray nozzle	230612201
230612203	-	Starter installation	230612203
230612204	-	Suction funnel pre-assembly	230612204

Ordering PN

Part number	Ver	Description	Ordering PN
230612206	-	Thermostat housing It assembly	230612206
230612210	-	Turbo-charger assembly	230612210
230612211	-	Turbo-charger assembly	230612211
230612213	-	Vent tube assembly	230612213
230612216	-	V-ring	230612216
230612233	-	Blanking plug	230612233
230612234	-	Blanking plug	230612234
230612403	-	O-ring	230612403
230612443	-	Socket head screw	230612443
230612461	-	Cable attachment	230612461
230612462	-	Cable channel	230612462
230612463	-	Cable channel	230612463
230612464	-	Cable channel	230612464
230612465	-	Cable channel	230612465
230612466	-	Cable harness mounting	230612466
230612471	-	Channel for cable assembly	230612471
230612472	-	Channel for cable assembly	230612472
230612473	-	Channel for cable assembly	230612473
230612474	-	Channel for cable assembly	230612474
230612476	-	Charge air line	230612476
230612477	-	Charge air line assembly	230612477
230612478	-	Clamp	230612478
230612479	-	Clamp	230612479
230612483	-	Connection flange	230612483
230612488	-	Control box annexe	230612488
230612489	-	Control parts	230612489
230612490	-	Cooling medium pipeline It	230612490
230612491	-	Cooling water line	230612491

Ordering PN

Part number	Ver	Description	Ordering PN
230612492	-	Cover	230612492
230612493	-	Cover	230612493
230612495	-	Crankcase breather assembly	230612495
230612505	-	Cylinder head sensor	230612505
230612508	-	Distance sleeve	230612508
230612509	-	Distance sleeve	230612509
230612510	-	Distance sleeve	230612510
230612515	-	Elbow	230612515
230612516	-	Electric scheme group	230612516
230612517	-	End cover	230612517
230612520	-	Engine control sensors	230612520
230612521	-	Engine control sensors	230612521
230612523	-	Exhaust pipe assembly	230612523
230612524	-	Filter element	230612524
230612530	-	Flexible pipe	230612530
230612531	-	Flexible pipe	230612531
230612541	-	Hex nut	230612541
230612549	-	Hex screw	230612549
230612550	-	Hex screw	230612550
230612551	-	Hex screw	230612551
230612554	-	Hex screw	230612554
230612555	-	Hex screw	230612555
230612556	-	Hex screw	230612556
230612557	-	Hex screw	230612557
230612561	-	Holder	230612561
230612562	-	Holder	230612562
230612563	-	Holder	230612563
230612564	-	Holder	230612564

Ordering PN

Part number	Ver	Description	Ordering PN
230612565	-	Holder	230612565
230612566	-	Holder	230612566
230612567	-	Holder	230612567
230612568	-	Holder	230612568
230612569	-	Hose	230612569
230612570	-	Hose	230612570
230612571	-	Hose	230612571
230612572	-	Hose	230612572
230612573	-	Hose clamp	230612573
230612577	-	Injection lines	230612577
230612580	-	Inlet manifold annexe	230612580
230612590	-	Liquid cooling pipeline	230612590
230612591	-	Liquid cooling pipeline	230612591
230612592	-	Lube oil pump pre-assy.	230612592
230612593	-	Lube oil pump with fastening	230612593
230612597	-	Lubricating oil line	230612597
230612598	-	Lubricating oil line	230612598
230612599	-	Lubricating oil line	230612599
230612600	-	Lubricating oil line	230612600
230612601	-	Lubricating oil line	230612601
230612602	-	Lubricating oil line add-on	230612602
230612603	-	Lubricating oil line add-on	230612603
230612610	-	O ring	230612610
230612611	-	Oil cooler add-on	230612611
230612612	-	Oil cooler housing	230612612
230612613	-	Oil cooler housing pre-assy.	230612613
230612616	-	Oil sump	230612616
230612617	-	Oil sump with fastening	230612617

Ordering PN

Part number	Ver	Description	Ordering PN
230612621	-	Outlet manifold	230612621
230612622	-	Outlet manifold	230612622
230612623	-	Outlet manifold	230612623
230612624	-	Outlet manifold	230612624
230612626	-	Pipe clamp	230612626
230612627	-	Plug-in pipe	230612627
230612631	-	Plug-in pipe	230612631
230612638	-	Retaining plate	230612638
230612639	-	Retaining plate	230612639
230612640	-	Retaining plate	230612640
230612647	-	Rubber ring	230612647
230612648	-	Screw plug	230612648
230612649	-	Seal	230612649
230612650	-	Seal	230612650
230612655	-	Turbo-charger assembly	230612655
230612657	-	Turbocharger sensor	230612657
230612661	-	Vibration damper	230612661
230612662	-	Vibration damper	230612662
230612663	-	Washer	230612663
230612689	-	Grub screw	230612689
230612690	-	Screw stopper	230612690
230612691	-	Screw plug	230612691
230612692	-	Cover lid	230612692
230612693	-	Sealing plug	230612693
230612694	-	Plug-in pipe	230612694
230612695	-	Cover	230612695
230612696	-	Plug-in pipe	230612696
230612697	-	Retaining plate	230612697

Ordering PN

Part number	Ver	Description	Ordering PN
230612698	-	Adaptor plate	230612698
230612699	-	Holder	230612699
230612700	-	Console oil filter assembly	230612700
230612701	-	Filter head pre-assy.	230612701
230612702	-	Console oil filter assembly	230612702
230612703	-	Flange	230612703
230612704	-	Distance sleeve	230612704
230612705	-	Cylinder head assembly	230612705
230612706	-	Crankcase cpl.	230612706
230612707	-	Water pump assembly ht	230612707
230612708	-	Water pump assembly lt	230612708
230612709	-	Camshaft bearing	230612709
230612710	-	Tight fit sleeve	230612710
230612711	-	Counterweight	230612711
230612712	-	Counterweight	230612712
230612713	-	Power unit support	230612713
230612714	-	Hex screw	230612714
230612715	-	Hub	230612715
230612717	-	Sealing plug	230612717
230612718	-	Cover lid	230612718
230612719	-	Hex screw	230612719
230612720	-	Hex screw	230612720
230612721	-	Hex screw	230612721
230612722	-	Screw plug	230612722
230612723	-	O-ring	230612723
230612724	-	O-ring	230612724
230612725	-	Hex screw	230612725
230612726	-	Volum control valve	230612726

Ordering PN

Part number	Ver	Description	Ordering PN
230612727	-	Crankshaft bearings	230612727
230612728	-	Vibration damper	230612728
230612729	-	Elbow	230612729
230612730	-	Connection flange	230612730
230612731	-	Console oil filter assembly	230612731
230612732	-	Elbow	230612732
230612733	-	Protection plate assembly	230612733
230612734	-	Cover plate	230612734
230612735	-	Fuel lines	230612735
230612736	-	Fuel return pipe add-on	230612736
230612737	-	Crankcase pre-assy.	230612737
230612738	-	Fuel fine-filter assembly	230612738
230612739	-	Fuel fine filter	230612739
230612740	-	Turbo-charger assembly	230612740
230612741	-	Prefeeding pump	230612741
230612742	-	Rk pre-feed pump	230612742
230612743	-	Rk volum control valve	230612743
230612744	-	Mounting requirement	230612744
230612745	-	Fuel return pipe	230612745
230612746	-	Cover plate	230612746
230612747	-	Crankshaft	230612747
230612748	-	Washer	230612748
230612749	-	End cover	230612749
230612750	-	Crankshaft pre-assy.	230612750
230612752	-	Distance sleeve	230612752
230612753	-	Seal kit high pressure pump	230612753
230612754	-	Outlet valve	230612754
230612755	-	Inlet valve	230612755

Ordering PN

Part number	Ver	Description	Ordering PN
230612756	-	Filter head	230612756
230612757	-	Water pump, pre-assembled	230612757
230612758	-	Water pump, pre-assembled	230612758
230612759	-	Flange	230612759
230612760	-	Motor control device	230612760
230612761	-	Covering caps - kit	230612761
230612762	-	Piston cpl.	230612762
230612763	-	Fuel line	230612763
230612764	-	Fuel line	230612764
230612765	-	Fuel line	230612765
230612766	-	Thermostat housing ht assembly	230612766
230612767	-	Seal kit prefeeding pump	230612767
230612769	-	Socket head screw	230612769

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Phone 920-457-4441, Fax 920-459-1646
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