Parts Manual

Our energy working for you.™

Cummins Power Generation

Engine

X3.3 G1
X3.3 G2

English - Original Instructions

1 - 2016

A026J670 (Issue 4)

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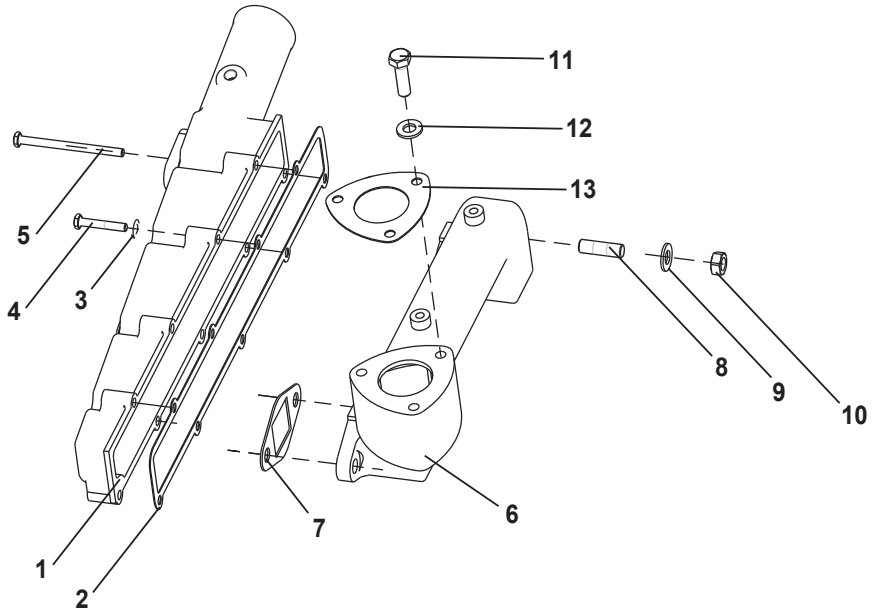
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SECTION A
(Base Engine Parts)

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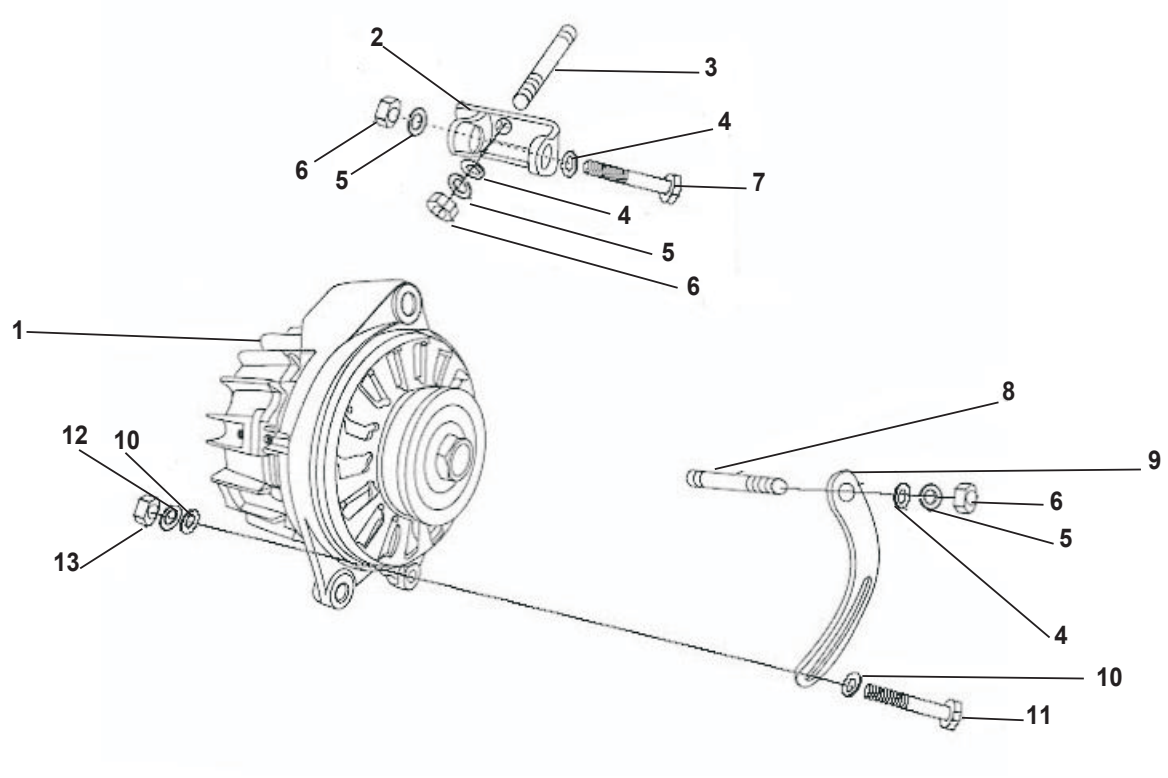
Air Induction And Exhaust System



Item	Part No.	Description	Qty
1	0154-3268	MANIFOLD INTAKE	1
2	0154-3264	GASKET-MANIFOLD	1
3	0852-2130-31	WASHER-SPR	9
4	0800-6457-01	SCREW-HEX HD (M6)	9
5	0800-6460	SCREW-HEX HD	1
6	0154-3266	MANIFOLD-EXHAUST	1
7	0154-3265	GASKET-MANIFOLD	2
8	0520-2684-03	STUD (M10x1.5 METAL END & M10x1.25 NUT END)	9
9	0850-2103-02	WASHER-SPR LK	9
10	0860-2095-02	NUT-HEX (M8 X 1)	9
11	0520-2684-22	SCREW-HEX HD	3
12	0850-2103-02	WASHER-SPR LK	9
13	0155-4807	GASKET-EXHAUST	1

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Alternator And Support



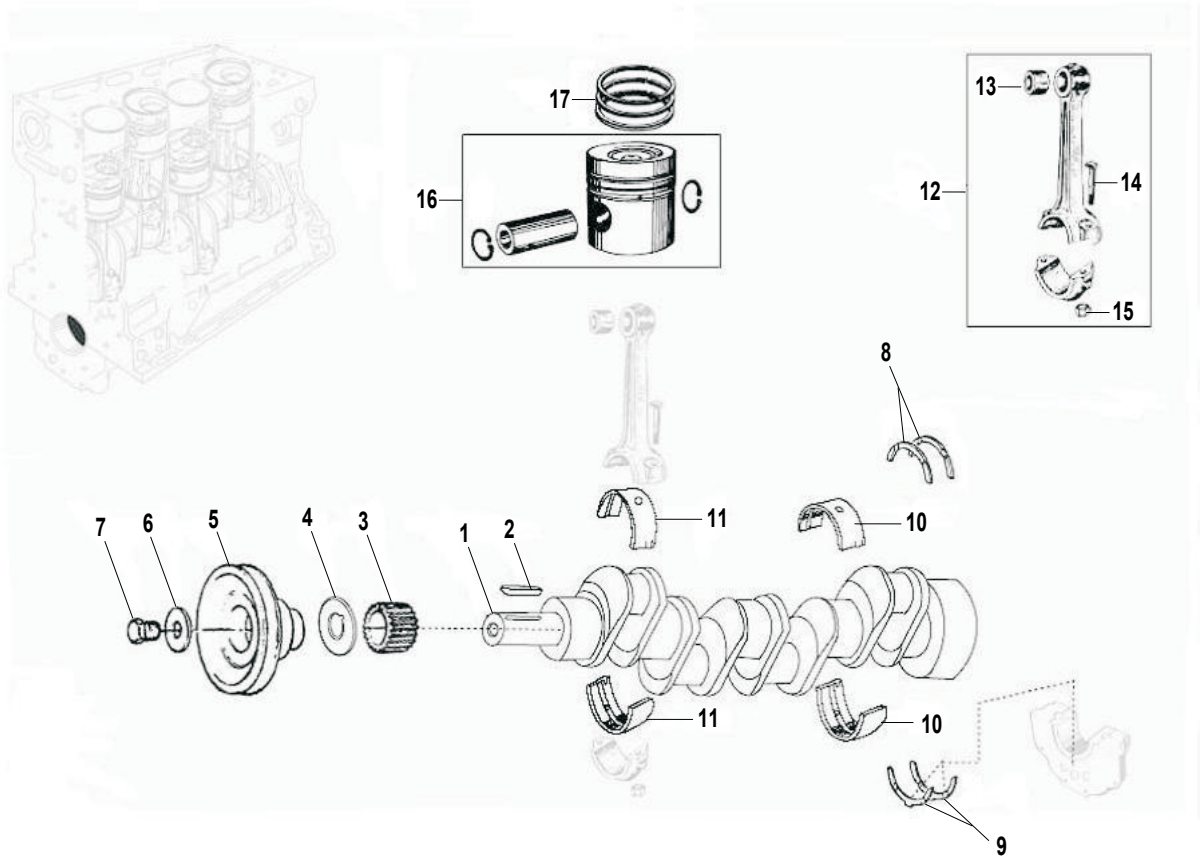
Item	Part No.	Description	Qty
1	0191-2459	ALTERNATOR	1
2	0191-2478	BRACKET-ALTERNATOR	1
3	0520-2684-04	STUD	2
4	0509-0501-03	WASHER-SEALING	3
5	0850-2103-02	WASHER-SPR LK	3
6	0860-2095-02	NUT-HEX (M10 X 1.25)	3
7	0800-6457-08	SCREW-HEX HD	1
8	0520-2684	STUD	1
9	0512-0431	ARM-TENSIONER	1
10	0509-0501-04	WASHER-SEALING	2
11	0800-6457-07	SCREW-HEX HD (M8 X 1.25)	1
12	0850-2103-03	WASHER-SPR LK	1
13	0800-6474-13	SCREW-HEX HD (M8 X 1.25)	1
#	0512-0430	PULLEY	1

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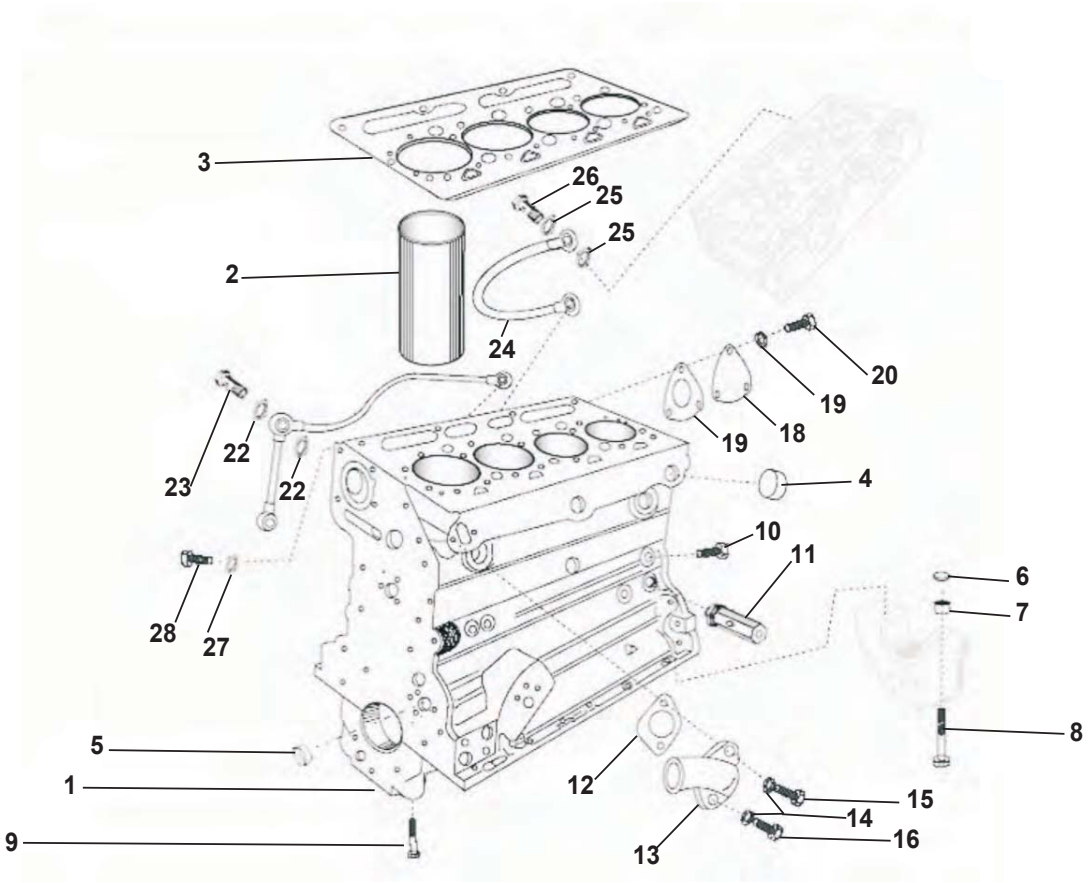
Crank Shaft Assembly, Connecting Rod Assembly, Piston Assembly



Item	Part No.	Description	Qty
1	0140-2122	CRANKSHAFT (SUB-ASSLY)	1
2	0515-0326	KEY-MACHINE	1
3	0507-0031	GEAR-PINION	1
4	0406-1209	WASHER-RETAINER	1
5	0130-7903	SHAFT-PULLEY	1
6	0104-2136	WASHER-CRANKSHAFT	1
7	0800-6457-02	SCREW-HEX HD	1
-	0541-1565	BEARING-KIT (SET OF ITEM NO. 8 & 9)	1
8	----------	BEARING-THRUST (NOT FOR SERVICE)	2
9	----------	BEARING-THRUST (NOT FOR SERVICE)	2
10	0104-2115	BEARING CRANKSHAFT (COMPLETE SET OF m.b. STD. SIZE)	1
11	0114-0429	BEARING-CONN ROD	8
12	0114-0433	CONNECTING ROD (SUB-ASSLY CONTAINS ITEM NO. 13,14,15)	4
13	0114-0439	BUSHING-CONNROD	4
14	0114-0431	BOLT-CONNECTING ROD	8
15	0114-0434	NUT-CONNECTING ROD	8
16	0112-0318	PISTON (SUB-ASSLY W/O RINGS)	4
17	0541-1560	PISTON RING KIT (KIT)	4

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Cylinder Block



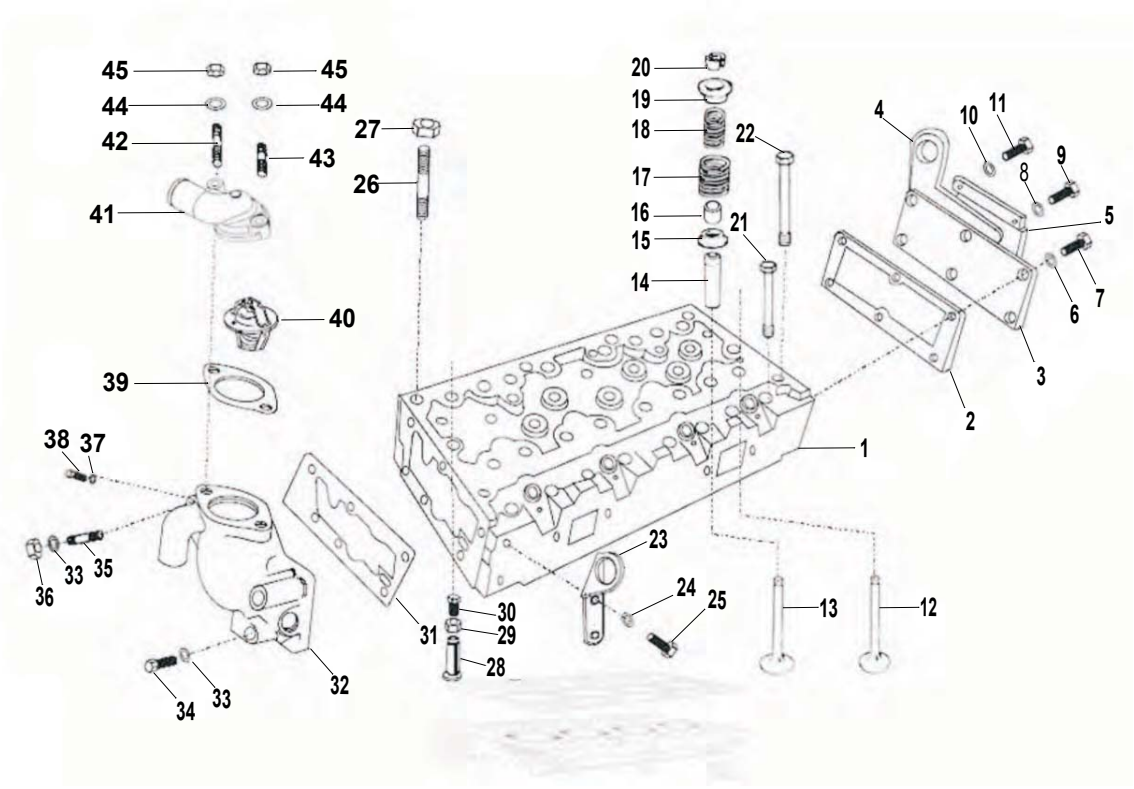
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Cylinder Block

Item	Part No.	Description	Qty
1	0110-4025	BLOCK-CYLINDER (SUB-ASSLY WITH LINER, BEARING CAP & PLUGS)	1
2	0110-4010	LINER-CYLINDER (COMPONENT)	4
3	0110-4026	GASKET-CYLINDER HD	1
4	0517-0419	PLUG-EXPANSION	10
5	0517-0424	PLUG-CAP	2
6	0509-0511	SEAL-O RING (O RING)	2
7	0502-1646	SLEEVE-TUBE	10
8	0800-6457-03	SCREW-HEX HD	2
9	0800-6457-04	SCREW-HEX HD	8
10	0517-0420	PLUG-DRAIN (M14 X 2)	1
11	0193-0647	ADAPTER-SENSOR	1
12	0155-4812	GASKET-FLAGE	1
13	0130-7904	TUBE WATER	1
14	0509-0496	WASHER-SEALING	2
15	0800-6474-02	SCREW-HEX HD (M8 X 1.25)	1
16	0880-6474-03	SCREW-HEX HD (M8 X 1.25)	1
17	0155-4819	GASKET-FLANGE	1
18	0319-7109	PLATE-MOUTING	1
19	0850-2103-03	WASHER-SPR LK	3
20	0800-6474-02	SCREW-HEX HD (M8 X 1.25)	3
21	0123-2368	TUBE-OIL (OIL PIPE)	1
22	0509-0505	WASHER-SEALING (MICO)	4
23	0502-1629	BOLT-BANJO (MICO)	2
24	0123-2369	TUBE-OIL (OIL PIPE)	1
25	0509-0506	WASHER-SEALING (MICO)	8
26	0502-1630	BOLT-BANJO (MICO)	4
27	0509-0501-04	WASHER-SEALING	2
28	0800-6474-01	SCREW-HEX HD (M8 X 1.25)	2

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Cylinder Head



Item	Part No.	Description	Qty
1	0110-4037	HEAD-CYLINDER (CONTAINS ITEM NO. 1 TO 38)	1
2	0110-4011	GASKET-CYLINDER HEAD	1
3	0319-7108	PLATE-MOUNTING	1
4	0403-6953	PLATE-LIFTING	1
5	0130-7895	PLATE-SUPPORT	1
6	0850-2103-03	WASHER-SPR LK	2
7	0800-6474-01	SCREW-HEX HD (M8 X 1.25)	2
8	0850-2103-02	WASHER-SPR LK	1
9	0800-6474-04	SCREW-HEX HD	1
10	0850-2103-03	WASHER-SPR LK	4
11	0800-6474-02	SCREW-HEX- HD (M8 X 1.25)	4
12	0110-4027	VALVE-INTAKE	4
13	0110-4028	VALVE-EXHAUST	4
14	0110-4012	GUIDE-VALVE	8
15	0110-4013	WASHER-VALVE SPRING	8
16	0110-4029	SEAL-VALVE STEAM	8
17	0110-4030	SPRING-VALVE	8
18	0110-4033	SPRING-VALVE	8
19	0110- 4031	CAP-VALVE STEAM	8
20	0110-4032	COLLECT-VALVE LOCK	8

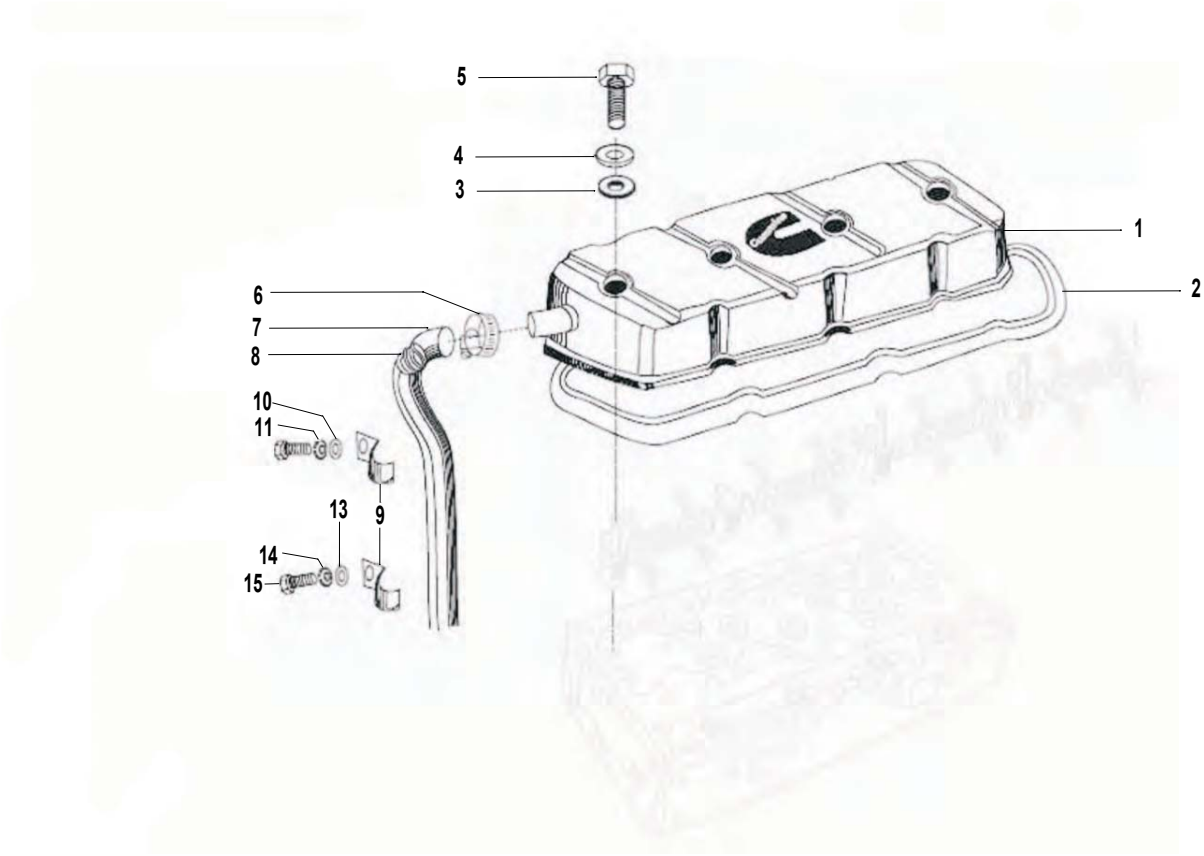
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Cylinder Head

Item	Part No.	Description	Qty
21	0110-4014	BOLT-CYLINDER HEAD	8
22	0110-4015	BOLT-CYLINDER HEAD	11
23	0403-6954	PLATE-LIFTING	1
24	0850-2103-02	WASHER-SPR LK	2
25	0800-6474-05	SCREW-HEX HD	2
26	0520-2684-15	STUD	4
27	0114-0434	NUT-CONNECTING ROD	4
28	0115-0545	TAPPET	8
29	0115-0537	TAPPET-SCREW & NUT ASSLY (CONTAIN ITEM NO. 29 TO 30)	8
30	----------	SCREW-HEX HD (NOT FOR SERVICE)	8
31	0110-4016	GASKET-CYLINDER HEAD)	1
32	0130-7896	TUBE-WATER	1
33	0850-2103-02	WASHER-SPR LK	2
34	0800-6474-06	SCREW-HEX HD (M10 X 1.5)	1
35	0520-2684-02	STUD	1
36	0860-2095-02	NUT-HEX (M10 X 1.25)	1
37	0850-2103-01	WASHER-SPR LK	3
38	0800-6474-07	SCREW-HEX HD (M6 X 1.0)	3
39	0110-4020	GASKET-CYLINDER HEAD	1
40	0130-7882	THERMOSTAT	1
41	0130-7916	TUBE-WATER	1
42	0520-2684-11	STUD	1
43	0520-2684-13	STUD (M10 X 1.5)	1
44	0850-2103-02	WASHER-SPR LK	2
45	0860-2095-02	NUT-HEX (M10 X 1.25)	2

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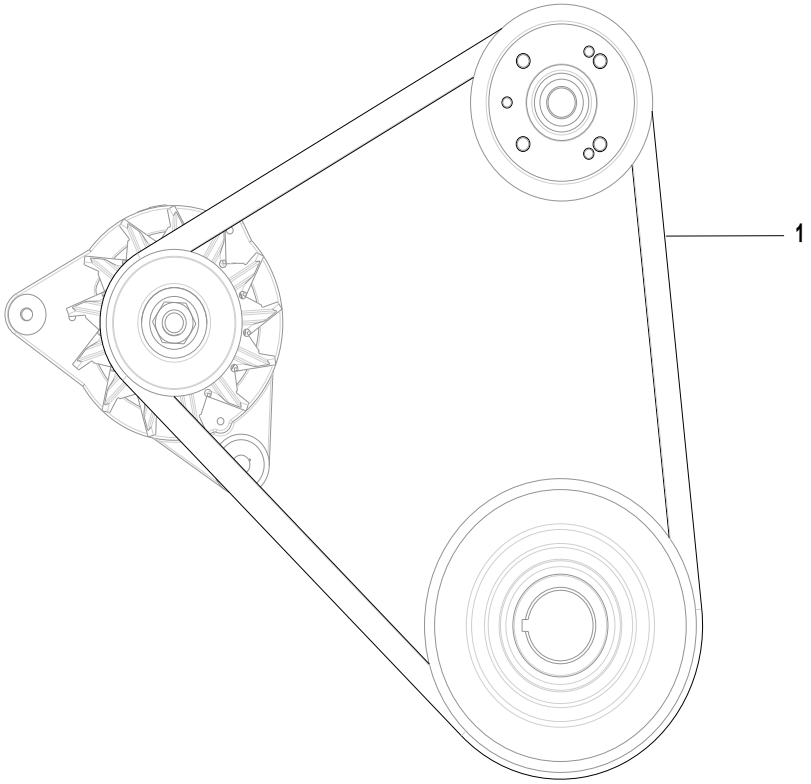
Cylinder Head Cover



Item	Part No.	Description	Qty
1	A034F870	COVER, CYLINDER HEAD	1
2	A034G057	GASKET, ROCKER COVER	1
3	0509-0497	WASHER SEALING	4
4	0509-0501-01	WASHER SEALING	4
5	0800-6474-02	SCREW-HEX HD	4
6	0518-0782	CLIP-TUBE	1
7	0503-3017	HOSE-BREATHER	1
8	0306-5361	COIL	1
9	0518-0792	CLIP-TUBE	2
10	0509-0501-04	WASHER SEALING	1
11	0850-2103-03	WASHER SEALING	1
12	0800-6474-01	SCREW-HEX HD (M8 X 1.25)	1
13	0509-0501-02	WASHER SEALING	1
14	0850-2103-01	WASHER-SPR LK	1
15	0800-6474-07	SCREW-HEX HD (M6 X 1.0)	1

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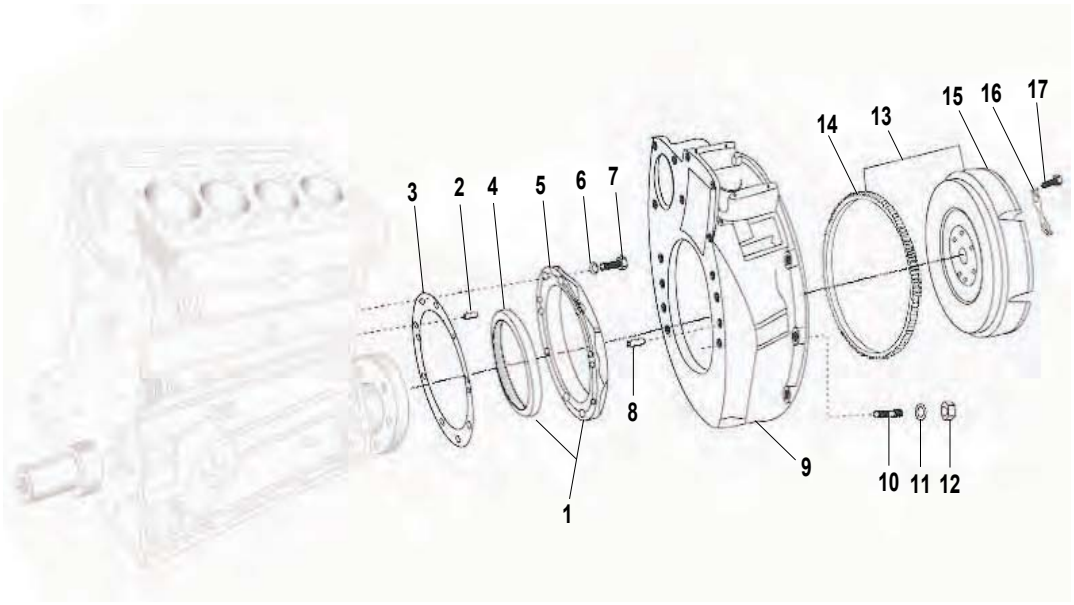
Fan And Fan Drive



Item	Part No.	Description	Qty
1	0511-0248	BELT-DRIVE	1

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Flywheel, Flywheel Hsg. And Rear End Oil Seal



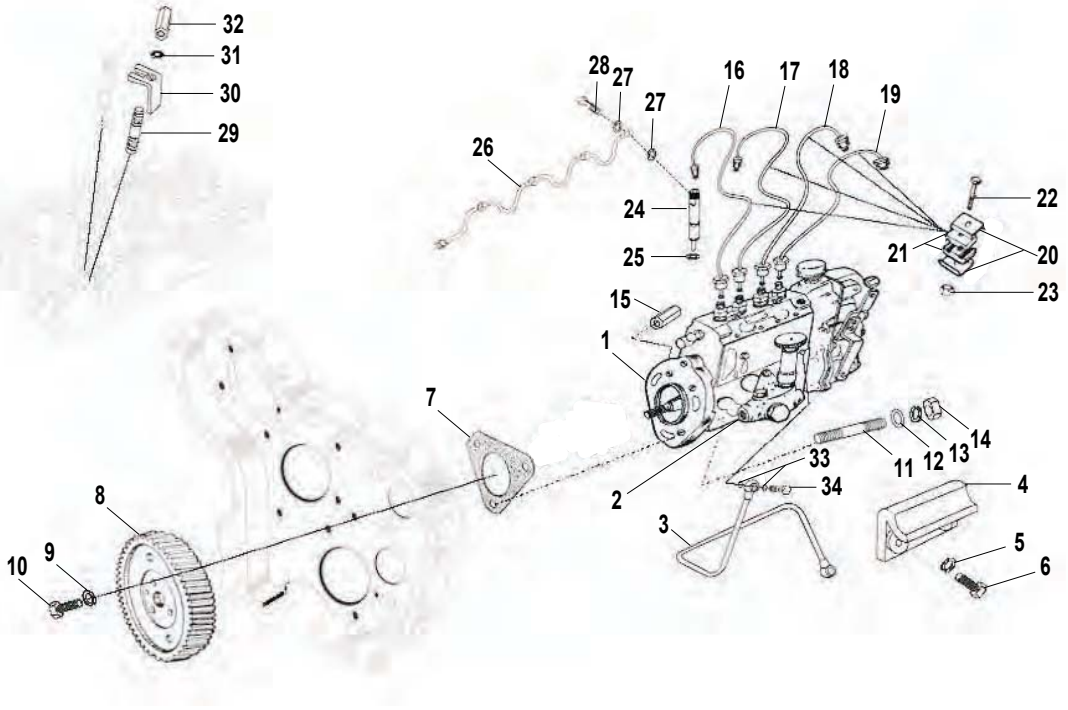
Item	Part No.	Description	Qty
1	0104-2116	COVER-FLYWHEEL HSG (CONTAINS ITEM NO. 4 & 5)	1
2	0516-2128	PIN DOWEL	2
3	0101-0861	GASKET-CRANKCASE	1
4	0509-0494	WASHER SEALING	1
5	0800-6474-02	SEAL-OIL	1
6	----------	PLATE SUPPORT (NOT FOR SERVICE)	9
7	0850-2103-03	WASHER-SPR LK	9
8	0516-2127	PIN DOWEL	2
9	0520-2684-05	STUD	1
10	0850-2103-02	WASHER-SPR LK	6
11	0860-2095-02	NUT HEX	8
12	0104-2125	FLYWHEEL ASSLY (CONTAINS ITEM NO. 14 & 15)	8
13	0507-0025	GEAR RING	1
14	0850-2103-01	WASHER-SPR LK	1
15	----------	FLYWHEEL (NOT FOR SERVICE)	1
16	0851-2004	WASHER-TANG LK	3
17	0800-6474-09	SCREW-HEX HD	6

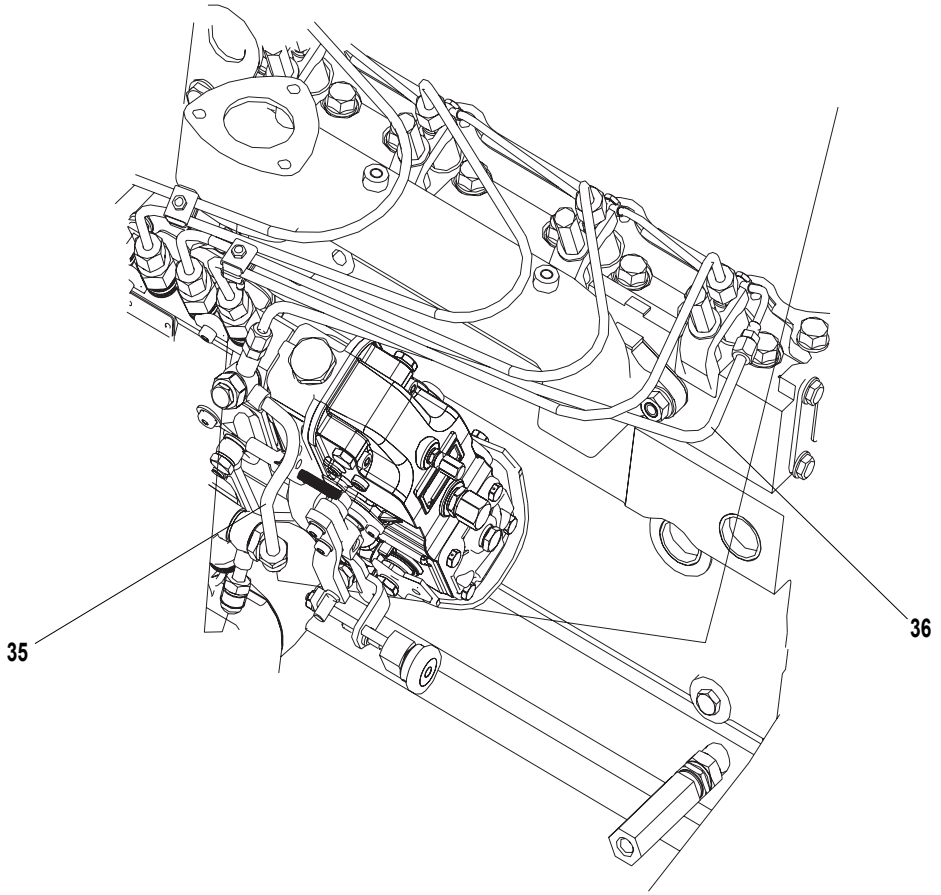
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Fuel Injection Pump And Plumbing





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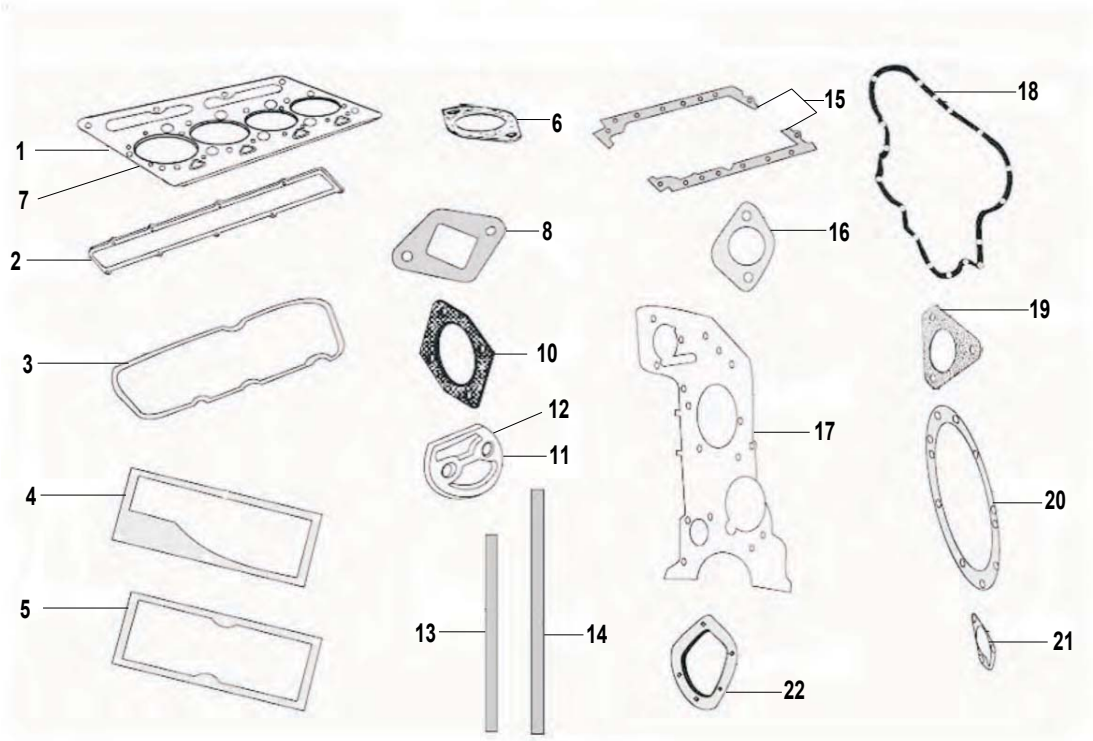
Fuel Injection Pump And Plumbing

Item	Part No.	Description	Qty
1	0149-2876	FUEL INJECTION PUMP (X3.3G1) (BOSCH NO : F002A0Z550)	1
	0149-2930	FUEL INJECTION PUMP (X3.3G2) (BOSCH NO : F002A0Z548)	1
2	0149-2949	FEED PUMP (BOSCH NO : 9 440 030 028)	1
3	0501-1045	LINE-FUEL (OIL PUMP)	1
4	0149-2884	BRACKET-FUEL LINE	1
5	0850-2103-02	WASHER-SPR LK	2
6	0800-6474-06	SCREW-HEX HD	2
7	0149-2868	GASKET-FUEL PUMP	1
8	A044A453	GEAR-RING	1
9	0850-2103-03	WASHER-SPR LK	3
10	0800-6462	SCREW-HEX HD	3
11	0520-2684-06	STUD	3
12	0509-0501-04	WASHER-SEALING	3
13	0850-2103-03	WASHER-SPR LK	3
14	0860-2095-04	NUT-HEX (M8 x 1.0)	2
15	0860-2094	NUT-HEX	1
16	0501-1041	LINE-FUEL (FUEL PIPE)	1
17	0501-1042	LINE-FUEL (FUEL PIPE)	1
18	0501-1043	LINE-FUEL (FUEL PIPE)	1
19	0501-1049	LINE-FUEL (FUEL PIPE)	1
20	0130-8004	PLATE-SUPPORT	6
21	0402-0951	DAMPER-SHOCK (FUEL INJ. PIPE)	6
22	0800-6457-05	SCREW-HEX HD	3
23	0860-2095-05	NUT-HEX	3
24	0147-1000	NOZZLE-INJECTOR (SUB-ASSLY)	4
25	0509-0498	WASHER-SEALING (SEAL)	4
26	0501-1040	LINE-FUEL (FUEL PIPE)	1
27	0509-0501-09	WASHER-SEALING (CU WASHER)	8
28	0502-1630	BOLT-BANJO (BANJO)	4
29	0520-2684-14	STUD (M8 x 1.25 METAL END & M8 x 1.0 NUT END)	4
30	0148-1363	BRACKET-FUEL SYSTEM	4
31	0509-1629	WASHER-RETAINER (A6)	4
32	0860-2094	NUT-HEX (M8 x 1.0)	4
33	0502-1629	BOLT-BANJO (BANJO)	2
34	0509-0505	WASHER-SELING (CU WASHER)	4
35	0501-1077	LINE-FUEL (FUEL PIPE)	1
36	0501-1168	LINE-FUEL (FUEL PIPE)	1
37	0120-1402	VALVE PRESSURE RELIEF	1

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Joints And Gaskets



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Joints And Gaskets

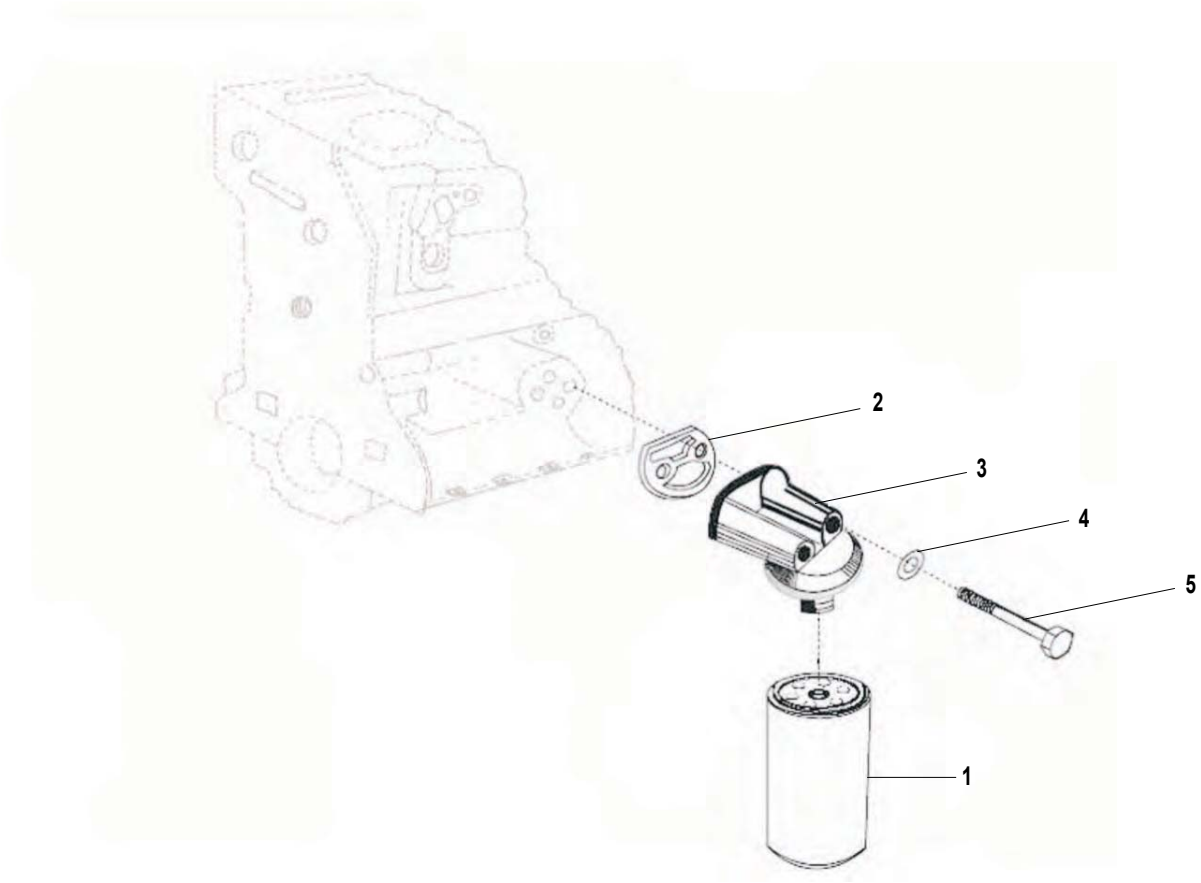
Item	Part No.	Description	Qty
A	0541-1567	GASKET KIT(TOP O/H CONTAINS ITEM NO. 1 TO 9)	1
B	0541-1566	GASKET KIT(MAJOR O/H CONTAINS ITEM NO. 1 TO 22)	1
1	0110-4026	GASKET-CYLINDER HEAD	1
2	0154-3264	GASKET-MANIFOLD	1
3	A034G057	GASKET- ROCKER COVER	1
4	0110-4016	GASKET-CYLINDER HEAD	1
5	0110-4018	GASKET-CYLINDER HEAD	1
6	0155-4807	GASKET-EXHAUST	1
7	0110-4020	GASKET-CYLINDER HEAD	1
8	0154-3265	GASKET-MANIFOLD	1
9	0155-4808	GASKET-EXHAUST	2
10	0132-0506	GASKET-WATER PUMP	1
11	0122-0930	GASKET-OIL FILTER	1
12	0122-0931	GASKET-OIL FILTER	1
13	0509-0507	SEAL-OIL	1
14	0509-0514	SEAL-OIL	1
15	0101-0862	GASKET-CRANKCASE	1
16	0155-4812	GASKET-FLANGE	1
17	0234-1079	GASKET-COVER	1
18	0103-0846	GASKET-GEARCASE	1
19	0149-2868	GASKET-FUEL PUMP	1
20	0110-4019	GASKET-CYLINDER HEAD	1
21	0155-4819	GASKET-FLANGE	1
22	0234-1078	GASKET-COVER	1

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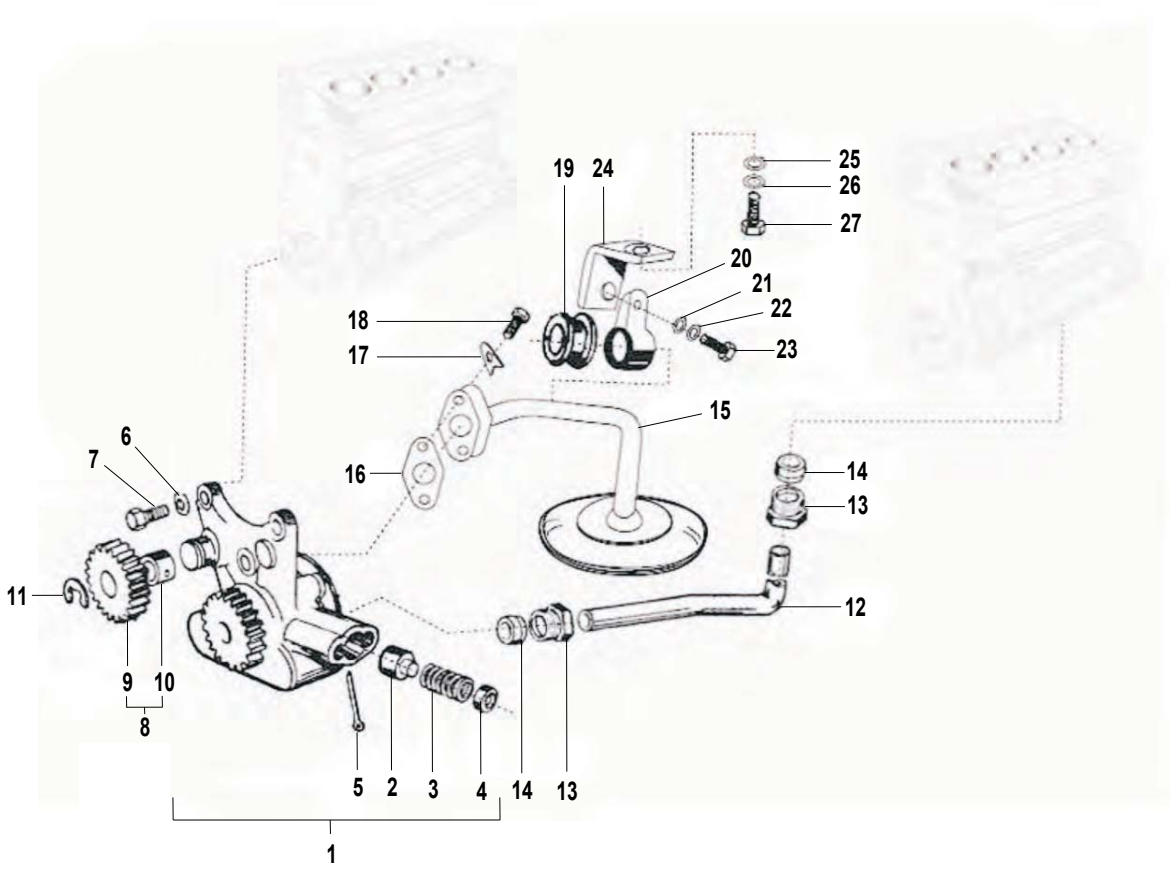
Lubricating Oil Filter



Item	Part No.	Description	Qty
1	0122-0922	ELEMENT LUBE OIL FILTER (FFL PART NO: LF16087)	1
2	0122-0935	GASKET-OIL FILTER	1
3	0122-0928	HEAD-FILTER	1
4	0509-0501-05	WASHER-SEALING	2
5	0800-6457-06	SCREW-HEX HD (M10 X 1.5)	2

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Lubricating Oil Pump



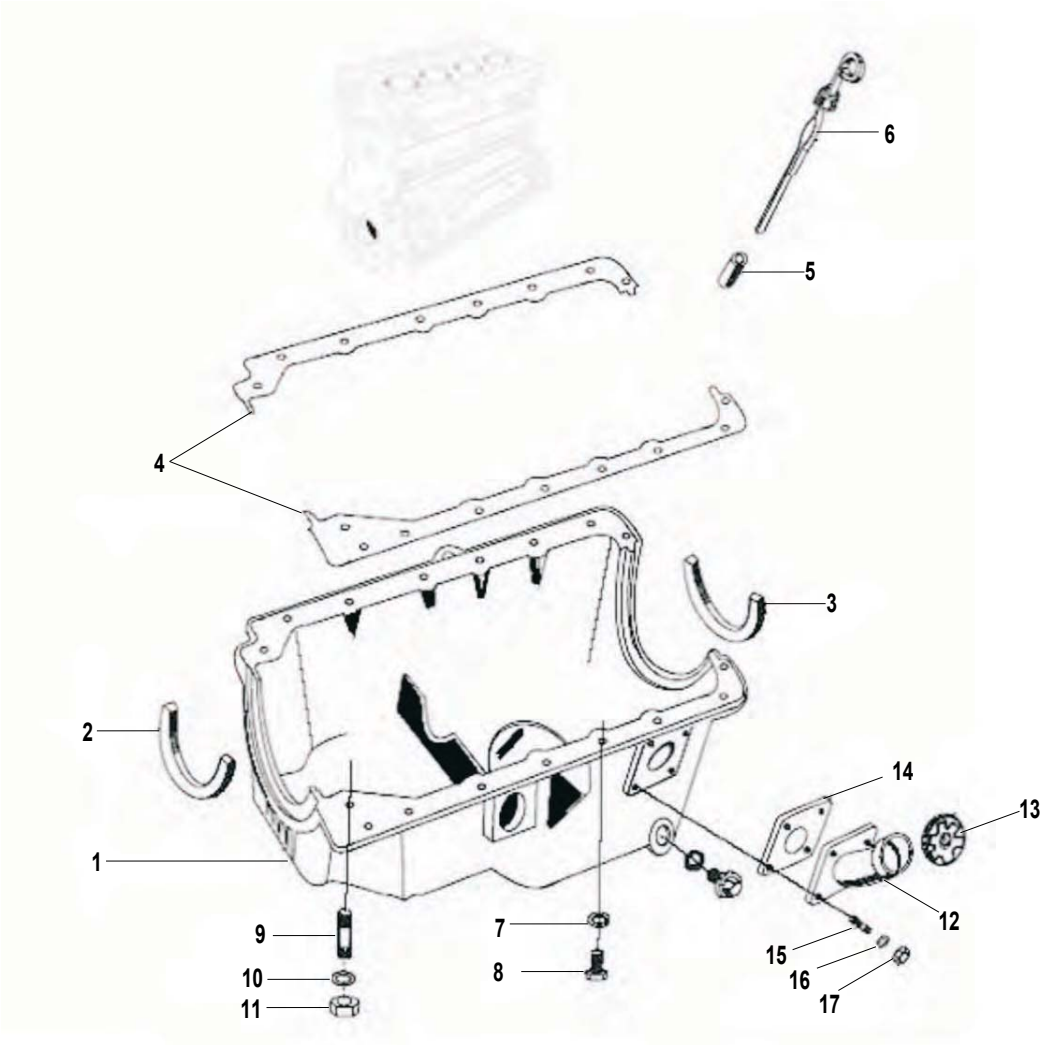
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Lubricating Oil Pump

Item	Part No.	Description	Qty
1	0120-1384	PUMP-OIL (SUB-ASSLY CONTAINS ITEM NO. 2 TO 5)	1
2	---------	PLUNGER INTERLOCK	1
3	---------	SPRING VALVE	1
4	---------	RETAINER-SPRING	1
5	---------	PIN-SPRING	1
6	0850-2103-03	WASHER-HEX HD	3
7	0800-6474-14	SCREW-HEX HD (M8 X 1.25)	3
8	0507-0032	GEAR-SPUR (SUB-ASSLY CONTAINS ITEM NO. 9 & 10)	1
9	---------	GEAR-SPUR (NOT FOR SERVICE)	1
10	0306-5360	BUSHING-IDLER	1
11	0518-0788	CLIP-RETAINING	1
12	0123-2376	TUBE-OIL (OIL PIPE)	1
13	0502-1649	NUT-COUPLING	2
14	0505-2479	PLUG-PIPE	2
15	0505-2465	FLANGE-PIPE (OIL PIPE)	1
16	0120-1385	GASKET-OIL PUMP	1
17	0526-2369	WASHER-FL	2
18	0800-6474-08	SCREW-HEX HD (M8 X 1.25)	2
19	0508-1315	BUSHING	1
20	0518-0790	CLIP-TUBE	1
21	0509-0501-02	WASHER-SEALING	1
22	0850-2103-01	WASHER-SPR LK	1
23	0800-6474-10	SCREW-HEX HD (M6 X 1.0)	1
24	0130-8003	PLATE-SUPPORT	1
25	0509-0501-06	WASHER-SEALING	1
26	0850-2103-01	WASHER-SPR LK	1
27	0800-6474-10	SCREW-HEX HD (M6 X 1.0)	1

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Lubricating Oil Sump



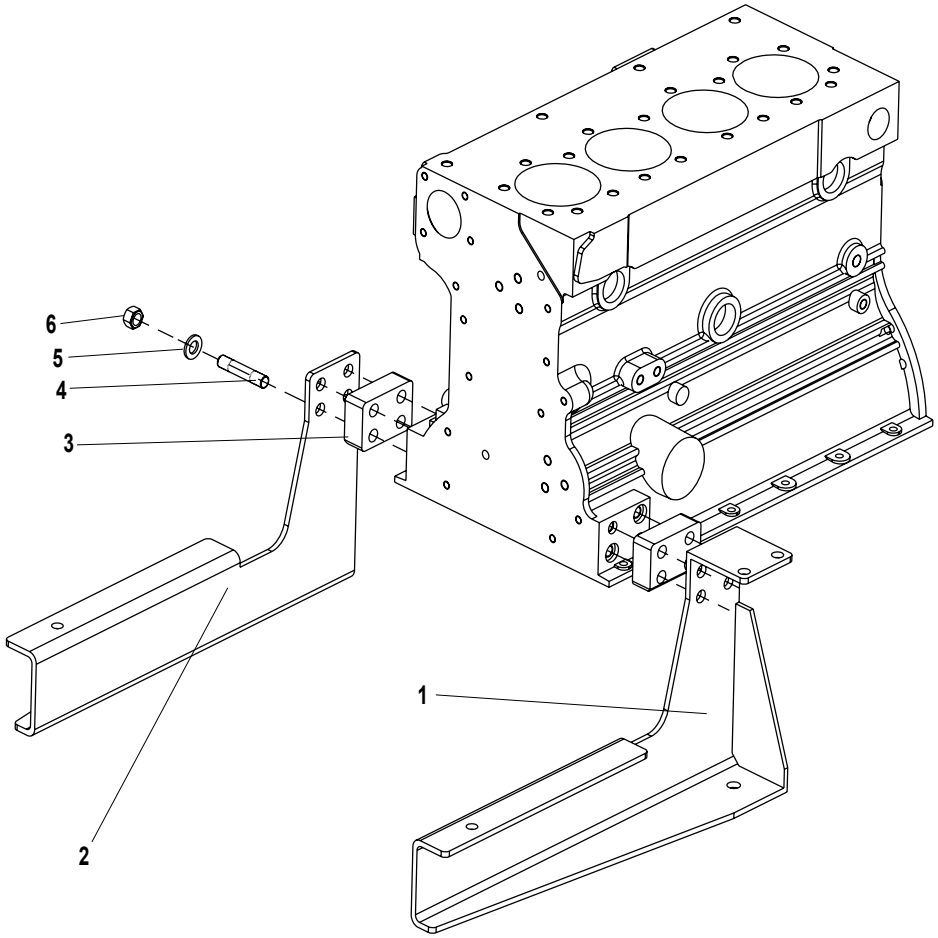
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Lubricating Oil Sump

Item	Part No.	Description	Qty
1	0102-1546	PAN-OIL (SUB-ASSLY)	1
2	0509-0507	SEAL-OIL	1
3	0509-0514	SEAL-OIL	1
4	0101-0862	GASKET-CRANKCASE	1
5	0123-2378	TUBE-OIL	1
6	0123-2372	DIPSTICK-OIL	1
7	0850-2103-03	WASHER-SPR LK	14
8	0800-6474-02	SCREW-HEX HD (M8X1.25)	14
9	0520-2684-07	STUD (M8X1.25METAL END & M8X1.0 NUT END)	3
10	0850-2103-03	WASHER-SPR LK	14
11	0860-2095-04	NUT-HEX (M8X1.0)	3
12	0122-0929	FILLER-OIL (SUB-ASSLY)	1
13	0159-1741	CAP-FILLER (SEAL)	1
14	0122-0931	GASKET-OIL FILLER	1
15	0520-2684-10	STUD	4
16	0850-2103-03	WASHER-SPR LK	4
17	0860-2095-04	NUT-HEX (M8X1.0)	4

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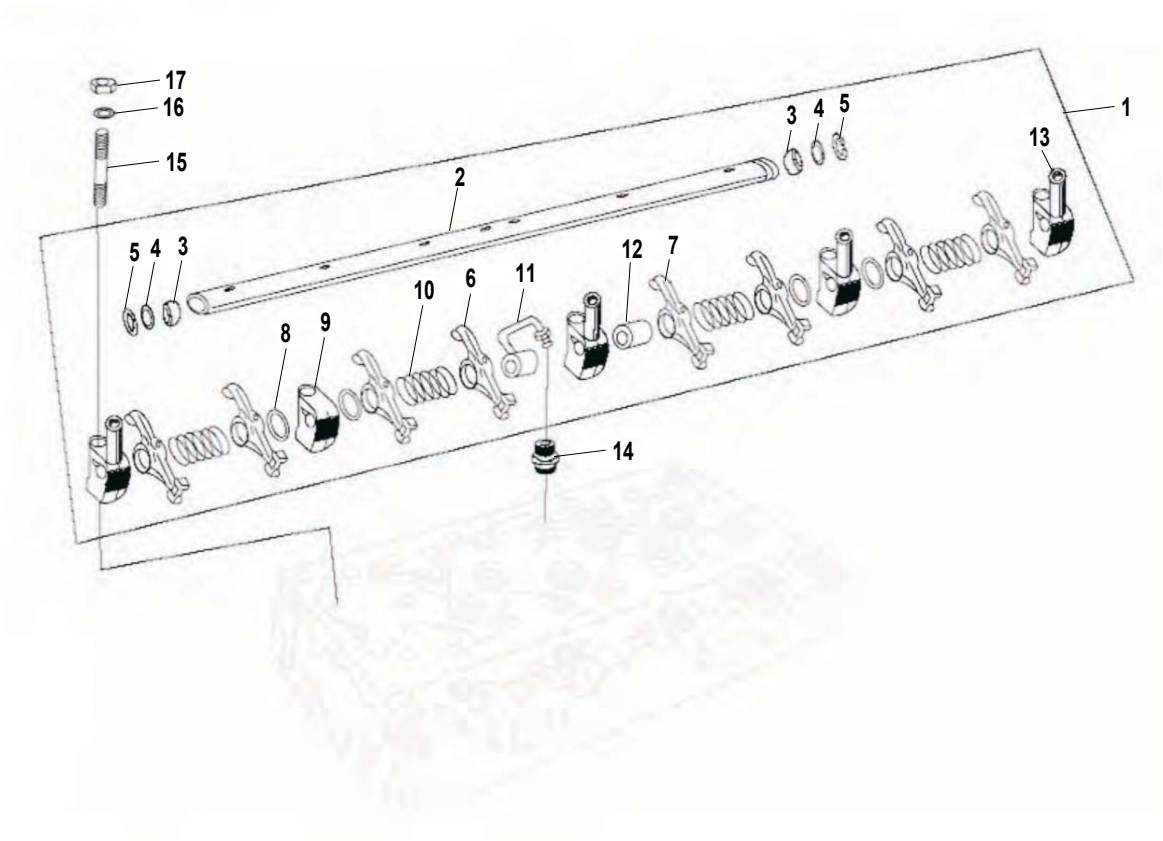
Mounting Engine Support



Item	Part No.	Description	Qty
1	0403-6782	MOUNT-ENGINE (LH)	1
2	0403-6783	MOUNT-ENGINE (RH)	1
3	0232-4200	SPACER MOUNTING	2
4	0520-2685	STUD	8
5	0509-0501-07	WASHER-SEALING	8
6	0860-2095	NUT-HEX	8

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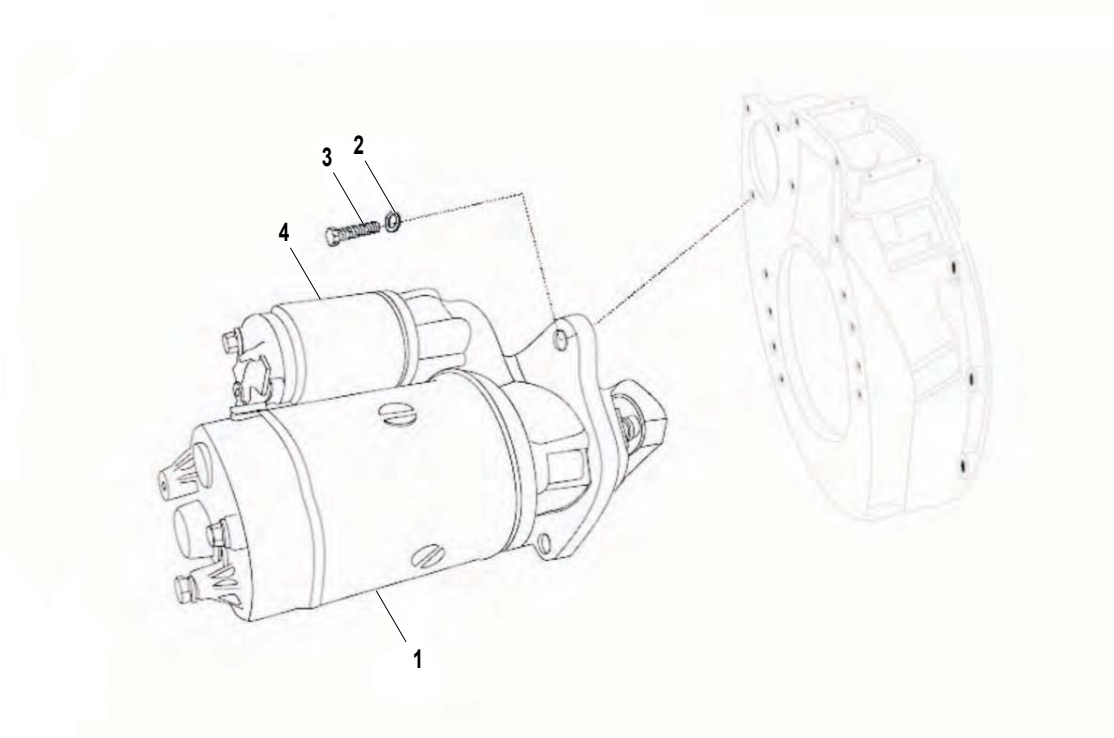
Rocker Shaft Assembly



Item	Part No.	Description	Qty
1	0115-0538	SHAFT-ROCKER ARM (SUB-ASSLY CONTAINS ITEM NO. 2 TO 3)	1
2	0115-0546	SHAFT-ROCKER ARM	1
3	0517-0417	PLUG-HOLE	2
4	0403-7066	SHIM	4
5	0518-0791	CLIP-RETAINING	2
6	0115-0547	ARM-ROCKER	3
7	0115-0548	ARM-ROCKER	3
8	0150-2938	SPACER-LEVER	4
9	0115-0544	BRACKET-ROCKER ARM	1
10	0148-1369	SPRING-REGULATOR	4
11	0123-2370	TUBE-OIL (OIL PIPE)	1
12	0150-2939	SPACER-LEVER	1
13	0115-0549	TAPPET	4
14	0505-2466	UNION-PIPE	1
15	0520-2684-10	STUD (M10 X 1.5 METAL END & M10 X 1.25 NUT END)	5
16	0509-0501-08	WASHER-SEALING	5
17	0860-2095-02	NUT-HEX (M10 X 1.25)	5

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Starter Motor



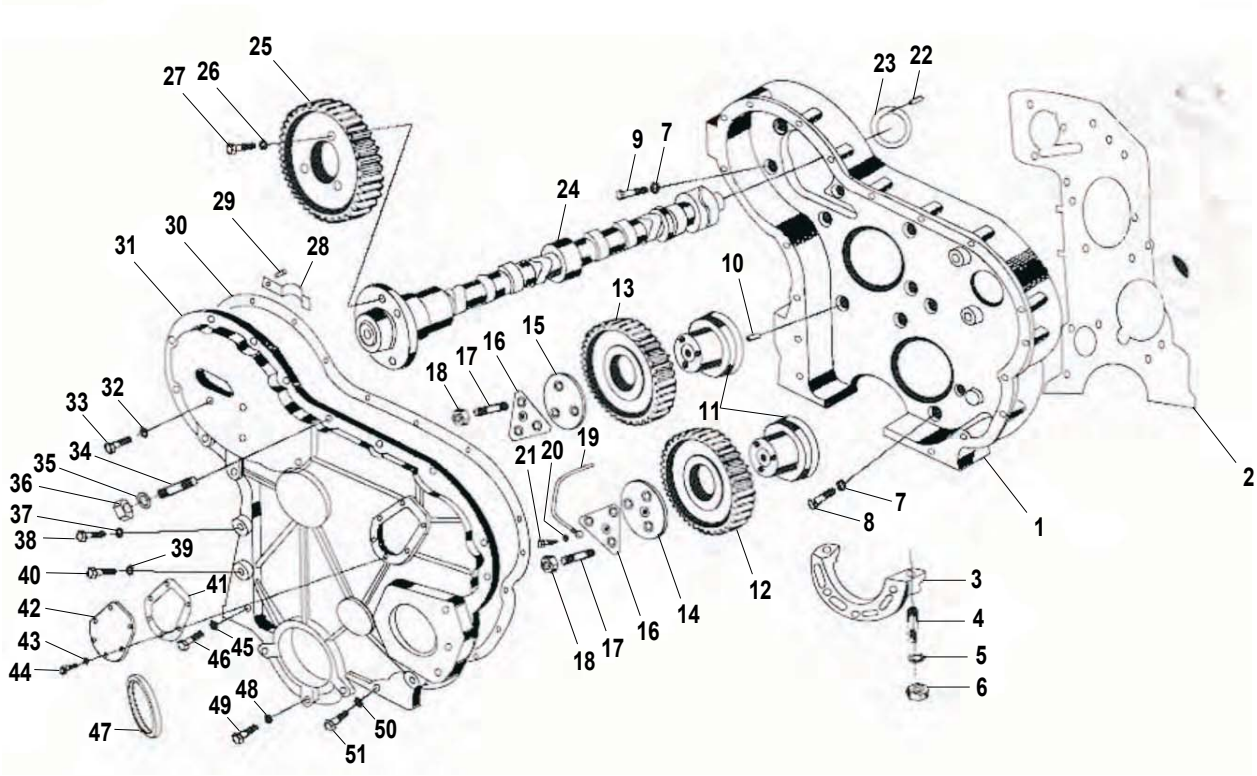
Item	Part No.	Description	Qty
1	0191-2460	STARTER-MOTOR (SUB-ASSLY)	1
2	0850-2103-04	WASHER-SPR LK	3
3	0800-6474-15	SCREW-SPR LK	3
4	A044F796	SOLENOID	1

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Timing Gear And Camshaft



Item	Part No.	Description	Qty
1	0103-0850	GEARCASE	1
2	0234-1079	GASKET-COVER	1
3	0103-0849	COVER GEARCASE	1
4	0520-2684-08	STUD (M8 X 1.25 METAL END & M8 X 1.0 NUT END)	2
5	0850-2103-03	WASHER-SPR LK	2
6	0860-2095-04	NUT-HEX (M8 X 1)	2
7	0850-2103-03	WASHER-SPR LK	14
8	0800-6474-08	SCREW-HEX HD (M8 X 1.25)	10
9	0800-6474-14	SCREW-HEX HD (M8 X 1.25)	4
10	0516-2127	PIN DOWELL	2
11	0232-4203	HUB-DRIVE	2
12	0507-0026	GEAR-SPUR	1
13	0507-0027	GEAR-SPUR	1
14	0319-7208	PLATE MOUNTING (IDLER GEAR)	1
15	0319-7207	PLATE MOUNTING (IDLER GEAR)	1
16	0526-2370	WASHER-FL	2
17	0520-2684-01	STUD	6
18	0860-2095-02	NUT-HEX (M10 X 1.25)	6
19	0123-2371	TUBE-OIL	1
20	0509-0501-09	WASHER-SEALING	2

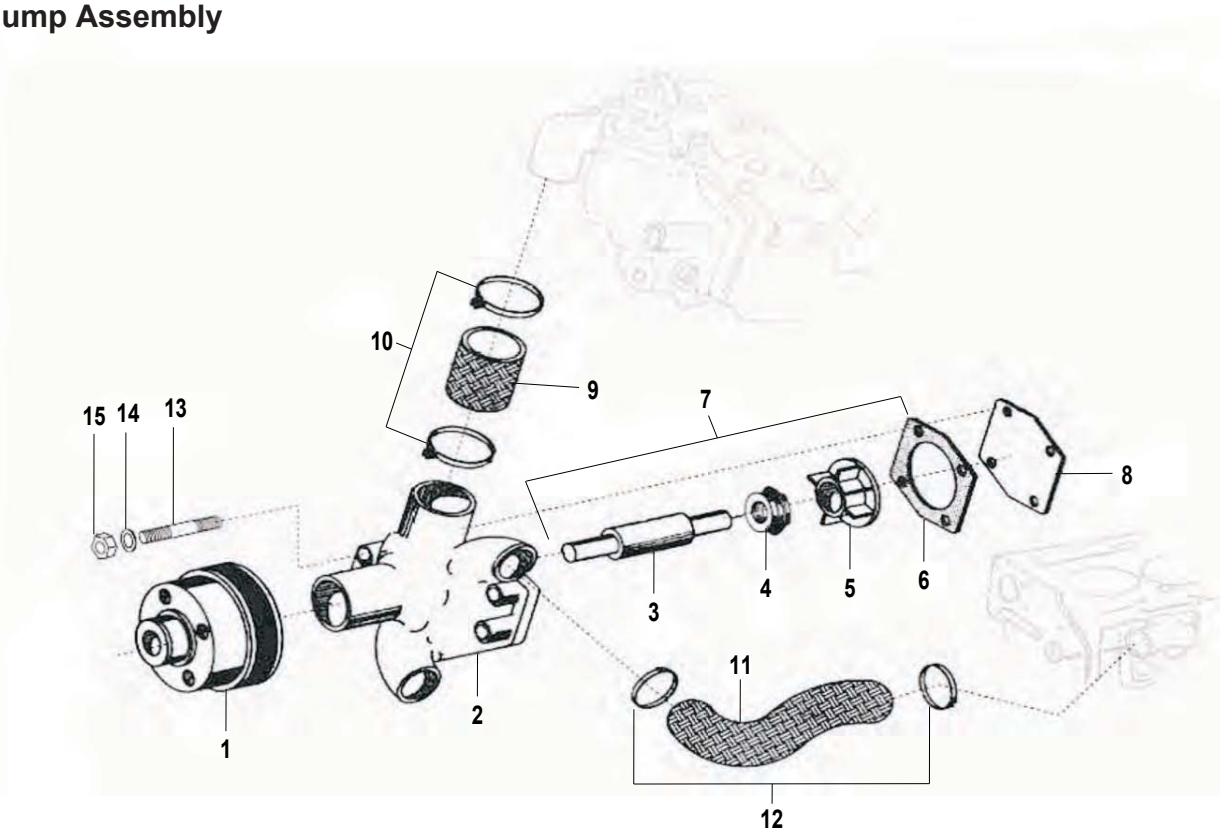
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Timing Gear And Camshaft

Item	Part No.	Description	Qty
21	0800-6462	SCREW-HEX HD	1
22	0516-2126	PIN PUSH (THRUST)	1
23	0105-0752	WASHER-CAMSHAFT	1
24	0105-0753	CAMSHAFT	1
25	0507-0028	GEAR-SPUR	1
26	0850-2103-03	WASHER-SPR LK	3
27	0800-6474-02	SCREW-HEX HD	3
28	0130-7999	BRACKET TUBE (SPRING THRUST)	1
29	0818-1177-02	RIVET-TR HD BLIND	1
30	0103-0846	GASKET-GEARCASE	1
31	0103-0848	COVER-GEARCASE	1
32	0509-0501-04	WASHER-SEALING	1
33	0800-6457-07	SCREW-HEX HD (M8 X 1.25)	5
34	0520-2684-07	STUD (M8 X 1.25 METAL END & M8 X 1.0 NUT END)	1
35	0850-2103-03	WASHER-SPR LK	1
36	0860-2095-04	NUT-HEX (M8 X 1)	1
37	0850-2130-03	WASHER-SPR LK	1
38	0800-6474-03	SCREW-HEX HD (M8 X 1.25)	1
39	0850-2103-03	WASHER-SPR LK	1
40	0800-6474-11	SCREW-HEX HD (M8 X 1.25)	1
41	0234-1078	GASKET-COVER	1
42	0103-0847	COVER-GEARCASE	1
43	0850-2103-01	WASHER-SPR LK	6
44	0800-6474-10	SCREW-HEXHD	6
45	0850-2103-03	WASHER-SPR LK	1
46	0800-6474-12	SCREW-HEX HD (M8 X 1.25)	1
47	0509-0493	SEAL-OIL	1
48	0850-2103-03	WASHER-SPR LK	3
49	0800-6474-13	SCREW-HEX HD (M8 X 1.25)	3
50	0850-2103-03	WASHER-SPR LK	10
51	0800-6474-08	SCREW-HEX HD (M8 X 1.25)	10

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Water Pump Assembly



Item	Part No.	Description	Qty
-	0132-0504	PUMP-WATER (SUB-ASSLY CONTAINS ITEM NO. 1 TO 5)	1
1	0512-0432	PULLEY	1
2	----------	BODY-WATER PUMP (NOT FOR SERVICE)	1
3	----------	SHAFT-WATER PUMP (NOT FOR SERVICE)	1
4	----------	SEAL-CONNECTOR (NOT FOR SERVICE)	1
5	----------	IMPELLER-WATER PUMP (NOT FOR SERVICE)	1
6	0132-0506	GASKET-WATER PUMP	1
7	0541-1564	PLUMP KIT (KIT CONTAINS ITEM NO. 3 TO 6)	1
8	0130-7998	PLATE SUPPORT	1
9	0503-3185	HOSE-COOLANT	1
10	0503-3033	CLAMP HOSE (WATER)	2
11	0503-2940	HOSE WATER (PUMP)	1
12	0503-3034	CLAMP HOSE (WATER)	2
13	0520-2684-06	STUD	4
14	0850-2103-03	WASHER-SPR LK	4
15	0860-2095-04	NUT-HEX	4

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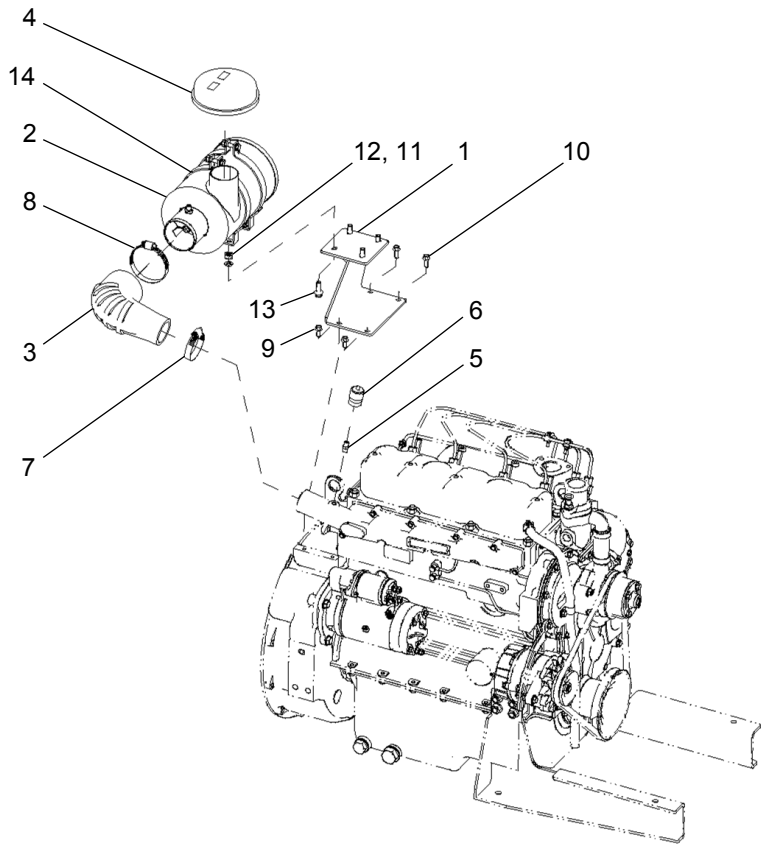
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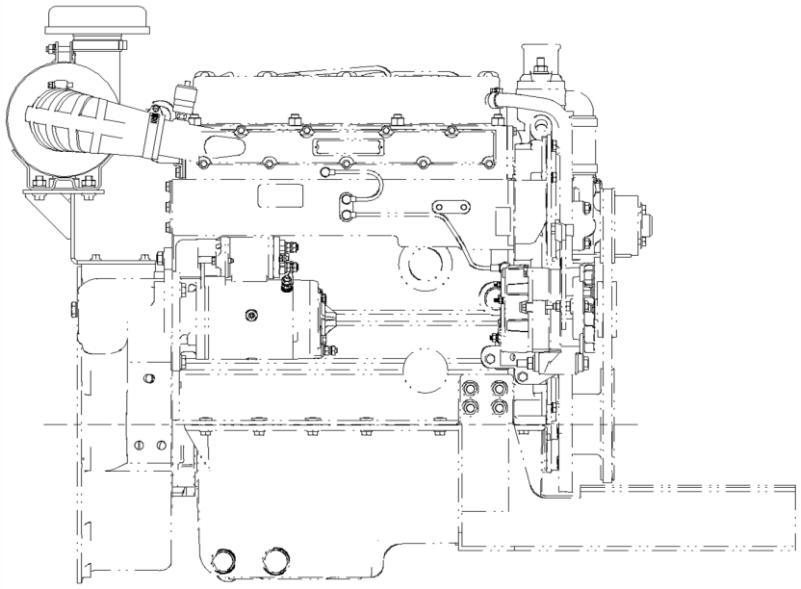
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SECTION B
(Upfit Parts)

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Air Cleaner Installation (0179-5903)



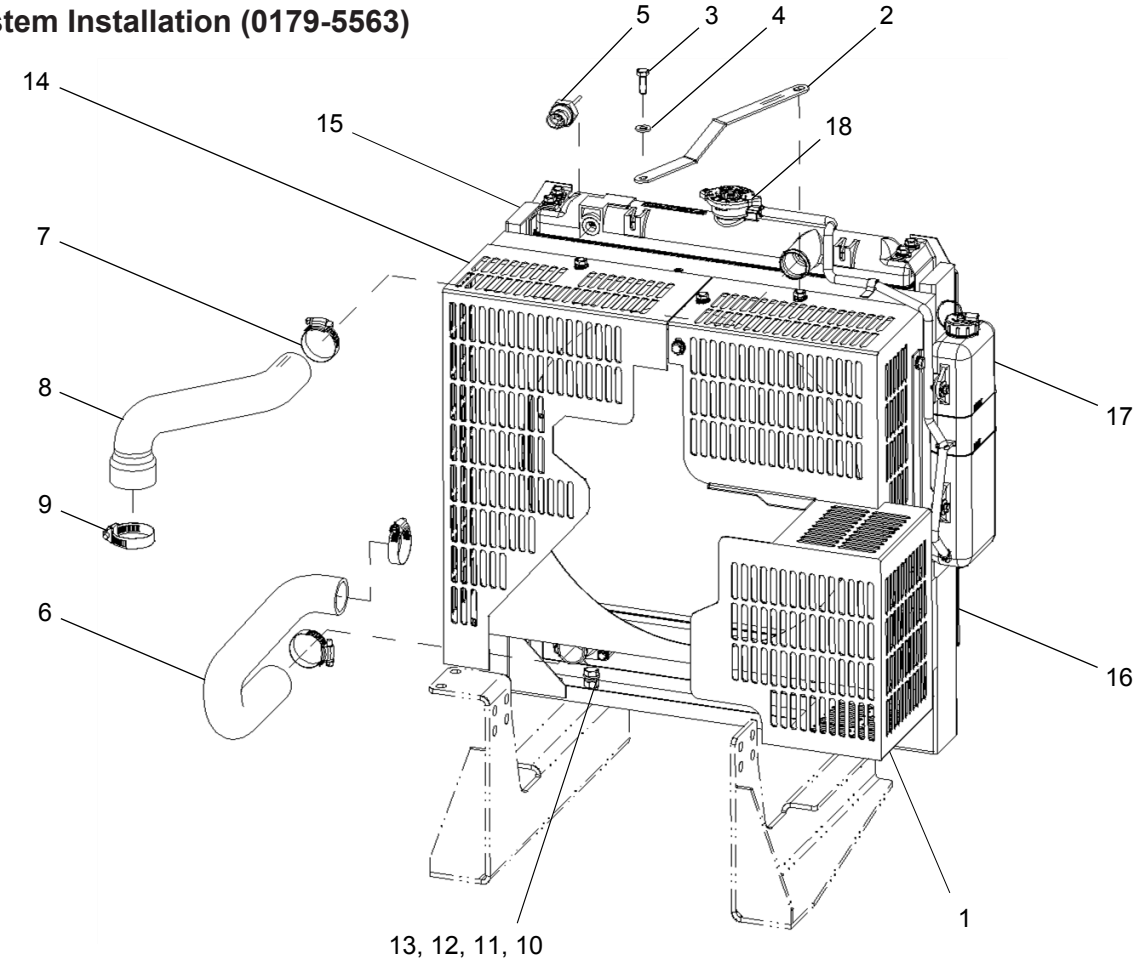


Air Cleaner Installation (0179-5903)

Item	Part No.	Description	Qty
1	A045V036	SUPPORT, AIR FILTER	1
2	0140-4331	AIR FILTER (FFL PART NO: AHI9468)	1
#	0140-4088	ELEMENT AIR FILTER, PRIMARY (FFL PART NO : AF25904)	1
3	A048G075	HOSE, ELBOW	1
4	0140-4255	COVER, AIR FILTER	1
5	0323-2560	CONNECTOR, BARREL	1
6	0140-4213	INDICATOR, SERVICE	1
7	0503-2923	CLAMP	1
8	0503-2922	CLAMP	1
9	0800-6520-18	SCREW, HEX FLANGE HEAD	2
10	0800-6520-19	SCREW, HEX FLANGE HEAD	2
11	0850-2114-11	WASHER, LOCK	4
12	0860-2127-13	NUT, HEX	4
13	0800-6520-38	SCREW, HEX FLANGE HEAD	4
#	0110-4179	EJECTOR VALVE	1

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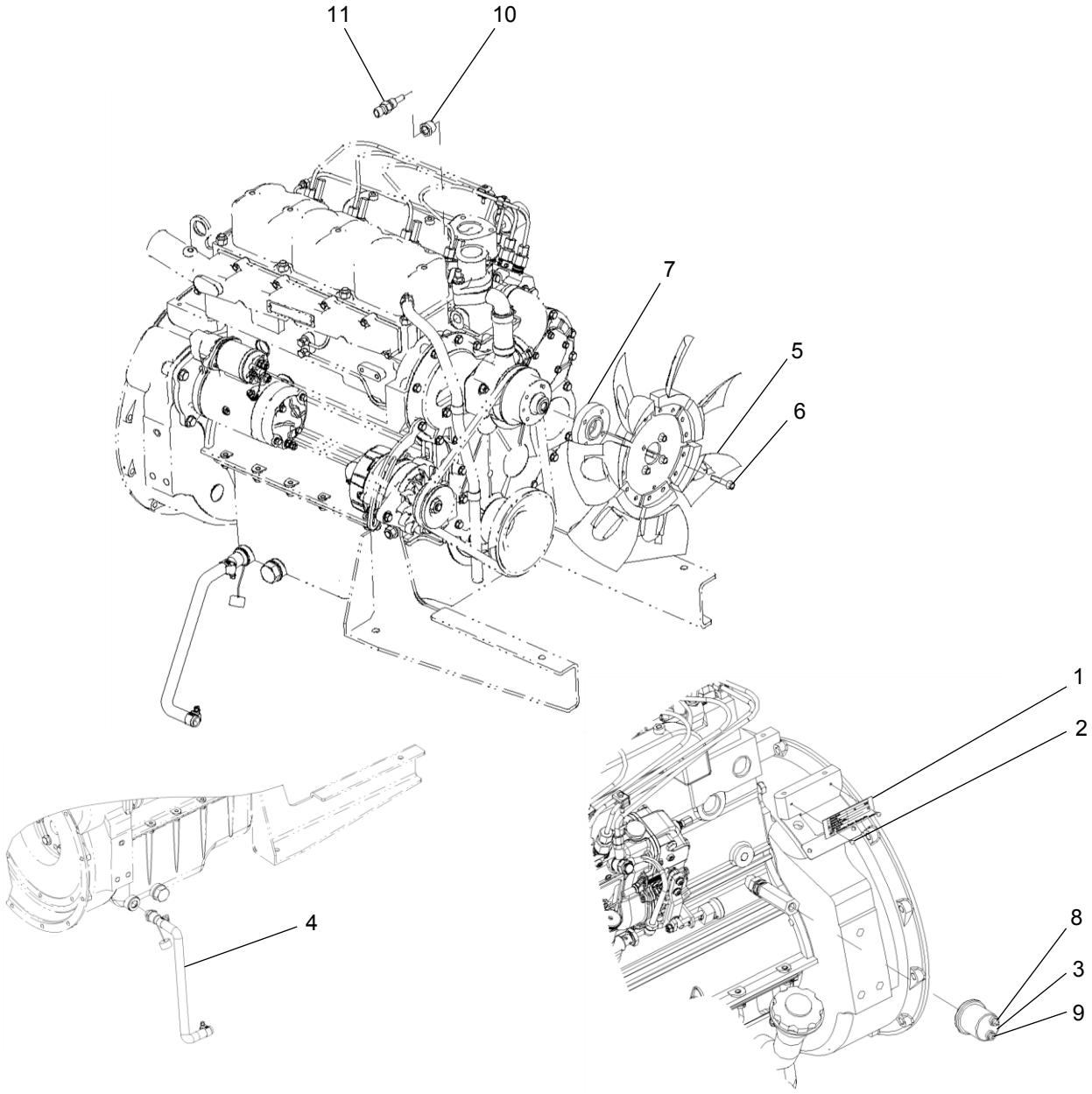
Cooling System Installation (0179-5563)



Item	Part No.	Description	Qty
1	0130-7905	RADIATOR	1
2	0130-7832-02	BRACKET, RADIATOR	1
3	0800-6494-27	SCREW, HEX HEAD	1
4	0526-2400-25	WASHER, FLAT	1
5	A028Z105	SENSOR, LOW COOLANT	1
6	0503-2977	HOSE, COOLANT	1
7	0503-2926	CLAMP	3
8	0503-2976	HOSE, COOLANT	1
9	0503-3094	CLAMP, HOSE	1
10	0800-6494-46	SCREW, HEX HEAD	2
11	0526-2400-28	WASHER, FLAT	2
12	0850-2114-11	WASHER, LOCK	2
13	0860-2127-13	NUT, HEX	2
14	0130-8501	RADIATOR ASSEMBLY	1
15	0130-8126	FAN SHROUD	1
16	0130-8479	RADIATOR GUARD	1
17	A040M283	RECOVERY BOTTLE ASSEMBLY	1
18	0130-7831	PRESSURE CAP	1

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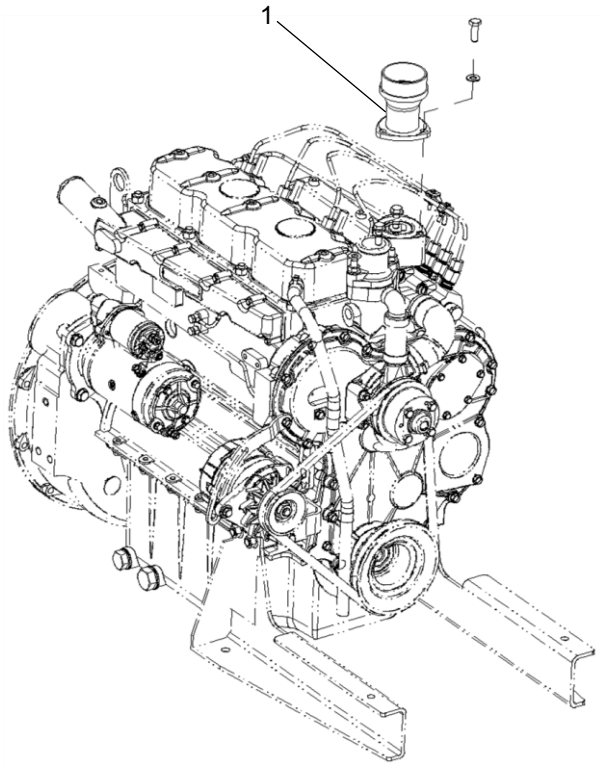
Engine Installation (A034U130)

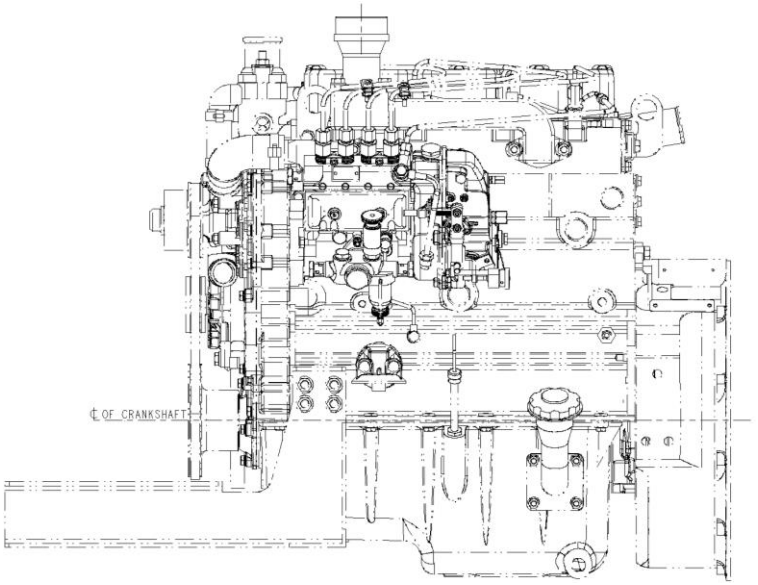


Item	Part No.	Description	Qty
1	0099-2598	NAMEPLATE, ENGINE	1
2	0818-1181-01	RIVET, ROUND HEAD	2
3	0193-0430-01	SENDER, PRESSURE	1
4	A049X910	VALVE, BALL & HOSE ASSEMBLY	1
5	A034P261	FAN, RADIATOR	1
6	0800-6520-23	SCREW, HEX FLANGE HEAD	4
7	A034Y078	SPACER, FAN	1
8	0850-2114-06	WASHER, LOCK	2
9	0526-2403-19	WASHER, PLAIN	2
10	0505-2470	BUSHING, REDUCER	1
11	0193-0529-01	SENSOR, TEMPERATURE	1

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Exhaust Installation (0179-6557)

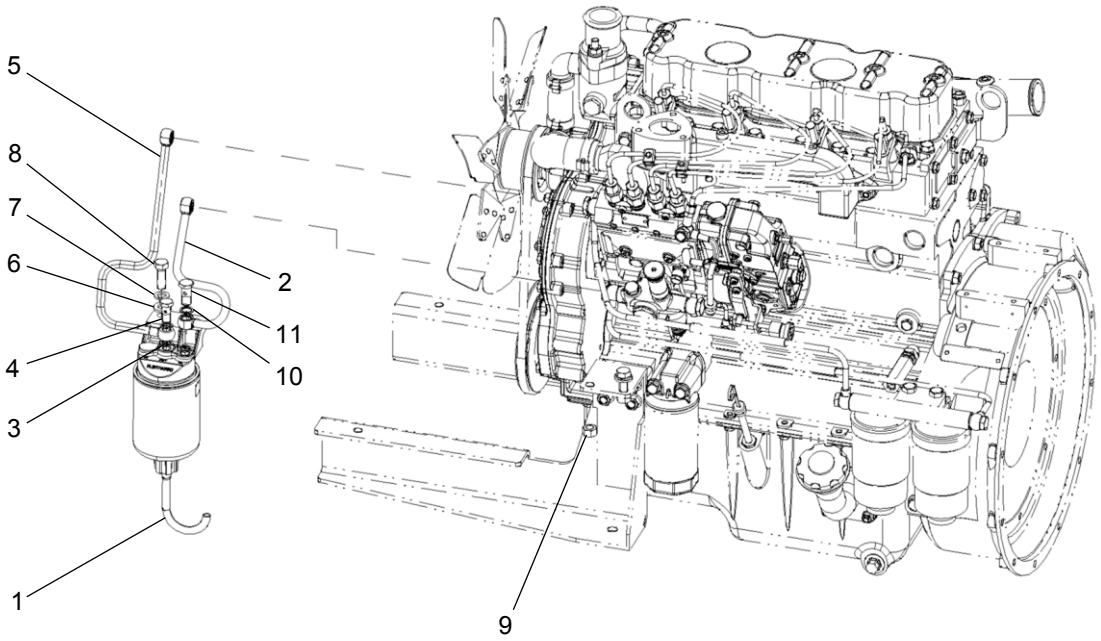


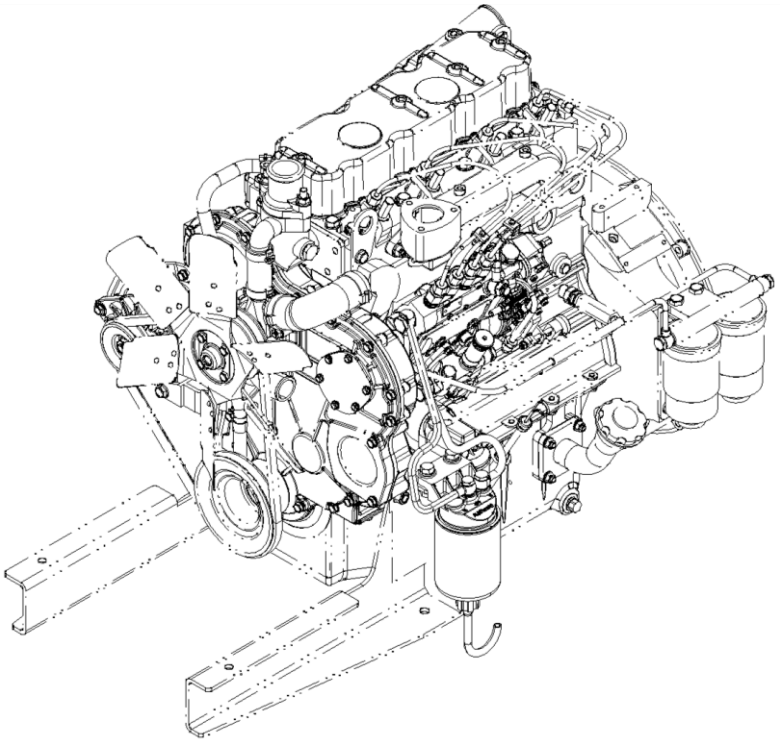


Item	Part No.	Description	Qty
1	0155-4709	CONNECTOR, EXHAUST	1

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Fuel System Installation (0179-6230)





ISO VIEW

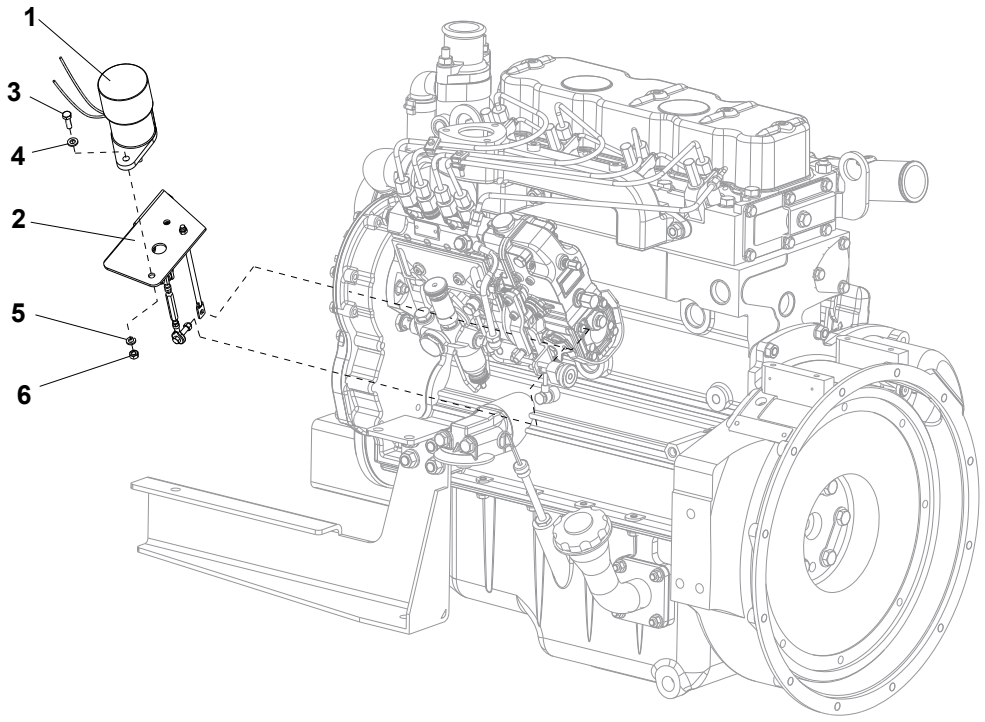
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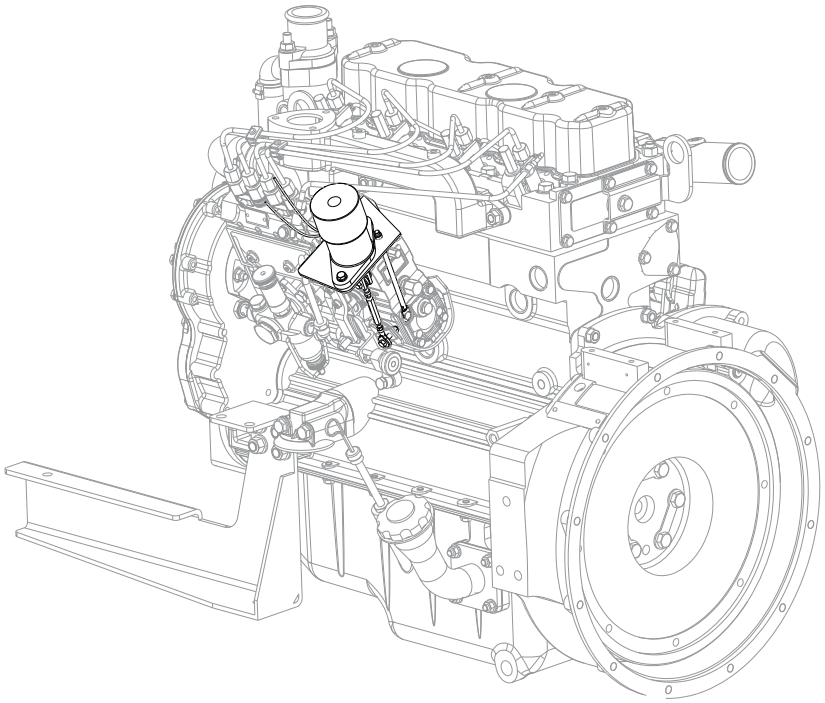
Fuel System Installation (0179-6230)

Item	Part No.	Description	Qty
1	A049J423	ELEMENT FUEL WATER SEPERATOR (FFL PART NO: FS1275)	1
2	0501-1003	LINE, FUEL	1
3	A041H729	LINE, FUEL	1
4	0526-2400-31	WASHER, FLAT	2
5	0850-2114-13	WASHER, LOCK	2
6	0800-6494-62	SCREW, HEX HEAD	2
7	0860-2127-15	NUT, HEX	2
8	A041C964	WASHER, SEALING	2
9	A041B481	BOLT, BANJO	1
10	A041C965	WASHER, SEALING	2
11	A041B483	BOLT, BANJO	1

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Governor Installation





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Governor Installation

Item	Part No.	Description	Qty
1	0306-5358	ACTUATOR	1
2	0146-0915	LINK-THROTTLE	1
3	C071- 0012- 02	SCREW-HEX HD (M6 X 1 X 20)	2
4	C360- 0001	WASHER-FL(M6)	2
5	C025- 0003	WASHER-SPR LK (M6)	2
6	0503- 1634- 02	NUT-HEX (M6X1)	2

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Engines

Item	Part No.	Description	Qty
1	0100-4088	ENGINE-DIESEL (X3.3 G1) - (50 Hz)	1
	0100-4109	ENGINE-DIESEL (X3.3 G2) - (60 Hz)	1

Exhaust Kit (0541-1593)

Item	Part No.	Description	Qty
1	0155-4702	SILENCER	1
2	0155-4777	FLANGE, EXHAUST	1
3	0155-4778	GASKET, EXHAUST	1
4	0800-6494-65	SCREW, HEX HEAD	4
5	0850-2114-13	WASHER, LOCK	4
6	0526-2400-32	WASHER, FLAT	8
7	0860-2127-15	NUT, HEX	4

Kit Accessories (A035P910)

Item	Part No.	Description	Qty
1	A035C012	GOVERNOR	1
2	A040N734	SUPPRESSOR, SURGE	1

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