



14L ENGINE

PM KITS 14L

PM KIT	PART NUMBER	DESCRIPTION	QTY
1	661014	STANDARD PM KIT	1
2	661015	STANDARD PM KIT W/SPARK PLUGS	1
3	661016	PM KIT - GENERAL	1
4	661034	PM KIT - TOP END	1
5	661035	PM KIT - OVERHAUL	1

SERVICE KITS 14L

SERVICE KIT	PART NUMBER	DESCRIPTION	LIST OF PARTS	NOTES
A	600146	COMPLETE GAKSET KIT		PER ENGINE
B	660012	LINER KIT		PER CYLINDER
C	660011	TOP GASKET KIT		PER ENGINE
D	660010	CYLINDER HEAD KIT		PER CYLINDER



**POWER SOLUTIONS
INTERNATIONAL**

**PM KIT 1
STANDARD PM KIT
PART NUMBER - 661014**

PART NUMBER	DESCRIPTION	QTY	PAGE
610882	OIL FILTER	2	
610789	VALVE COVER GASKET	8	



**POWER SOLUTIONS
INTERNATIONAL**

**SERVICE KIT 2
STANDARD PM KIT W/ SPARK PLUGS
PART NUMBER - 661015**

PART NUMBER	DESCRIPTION	QTY	PAGE
610882	OIL FILTER	2	
610789	VALVE COVER GASKET	8	
610344	SPARK PLUGS	8	



**POWER SOLUTIONS
INTERNATIONAL**

**PM KIT 3
PM KIT - GENERAL
PART NUMBER - 661016**

PART NUMBER	DESCRIPTION	QTY	PAGE
610882	OIL FILTER	2	
610344	SPARK PLUGS	8	
53000008	IGNITION COIL BOOTS	8	
32500662	THROTTLE BODY	2	
32500715	THROTTLE BODY GASKET	2	
53000021	BELT	1	
107127	CCV FILTER	1	
610789	VALVE COVER GASKET	8	
32501267	O2 SENSOR	2	



**PM KIT 4
PM KIT - TOP END KIT
PART NUMBER - 661034**

PART NUMBER	DESCRIPTION	QTY	PAGE
610882	OIL FILTER	2	
610344	SPARK PLUGS	8	
53000041	IGNITION COIL W/ BOOTS	8	
32500662	THROTTLE BODY	2	
32500715	THROTTLE BODY GASKET	2	
53000021	ALTERNATOR BELT	1	
107127	CCV FILTER	1	
32501267	O2 SENSOR	2	
610941	WATER PUMP	1	
610960	WATER PUMP GASKET	1	
612500	THERMOSTAT	3	
610262	THERMOSTAT GASKET	3	
610261	THERMOSTAT O-RING	3	
660010	CYLINDER HEAD KIT	8	
660011	TOP GASKET KIT	1	

**OPTIONAL PARTS NOT INCLUDED IN KIT
PURCHASE SEPERATELY AS NEEDED**

PART NUMBER	DESCRIPTION
53000017	ALTERNATOR
53500014	TURBO CHARGER
38080463	EPR / MIXER KIT
33500772	AIR FILTER



**PM KIT 5
PM KIT - OVERHAUL KIT
PART NUMBER - 661035**

PART NUMBER	DESCRIPTION	QTY	PAGE
610882	OIL FILTER	1	
610344	SPARK PLUGS	8	
53000041	IGNITION COIL W/ BOOTS	8	
32500662	THROTTLE BODY	2	
53000021	BELT	1	
107127	CCV FILTER	1	
32501267	O2 SENSOR	2	
610941	WATER PUMP	1	
610854	OIL PUMP	1	
660146	COMPLETE GASKET KIT	1	
660012	LINER KIT	8	
660010	CYLINDER HEAD KIT	8	
660011	TOP GASKET KIT	1	

**OPTIONAL PARTS NOT INCLUDED IN KIT
PURCHASE SEPERATELY AS NEEDED**

PART NUMBER	DESCRIPTION
53000017	ALTERNATOR
53500014	TURBO CHARGER
38080463	EPR / MIXER KIT
610886	OIL COOLER
33500772	AIR FILTER



**KIT A
COMPLETE GASKET KIT
PART NUMBER - 600146**

IMAGE	PART NUMBER	DESCRIPTION	QTY	PAGE
27	611127	O-RING, CLYINDER LINER	16	
29	611132	O-RING, CLYINDER LINER	8	
30	611131	O-RING, CLYINDER LINER	8	
34	611138	GASKET	8	
2	610705	OIL SEAL	1	
5	610718	GASKET, FLYWHEEL HOUSING	1	
6	610719	GASKET, FLYWHEEL HOUSING	1	
11	610715	GASKET, FW HOUSING COVER	1	
17 & 18	611031	GASKET	2	
2	610706	OIL SEAL	1	
3	610721	GASKET	1	
12	610535	GASKET, CYLINDER HEAD	8	
9	610789	GASKET, VALVE COVER	8	
8	610918	GASKET	1	
12	610912	GASKET, OIL FILTER	1	
3	610911	GASKET, OIL COOLER	1	
4	611137	GASKET, FLANGE	2	
10	610913	GASKET, OIL COOLER	1	
26	610916	GASKET	1	
2	610921	GASKET, OIL PAN	1	
16	611136	GASKET	1	
20	610551	GASKET	1	
2	610965	GASKET	1	
20	611135	GASKET	1	
29	610526	GASKET, WATER PIPE	2	
32	610964	GASKET, WATER PIPE	1	
59	610916	GASKET	2	
2	610261	O-RING, THERMOSTAT	3	
3	610262	GASKET, THERMOSTAT	3	
16	610960	GASKET, WATER PUMP	1	
4	610987	GASKET, EXHAUST MANIFOLD	8	
22	610557	GASKET, EXHAUST MANIFOLD	4	
24	610479	O-RING	16	
2	610992	GASKET, INTAKE MANIFOLD	8	
18	610993	GASKET, INTAKE MANIFOLD	2	
2	32500715	GASKET, THROTTLE BODY	2	
25	53500035	GASKET,	2	
4	611214	GASKET	1	
NO IMAGE	107195	TURBO GASKET KIT	2	
10	53500012	GASKET	2	
NO IMAGE	33500805	CATALYST GASKET	4	



**POWER SOLUTIONS
INTERNATIONAL**

**KIT B
LINER KIT - PER CYLINDER
PART NUMBER - 660012**

IMAGE	PART NUMBER	DESCRIPTION	QTY	PAGE
27	610691	CYLINDER LINER	1	
7	610746	CONNECTING ROD BEARING	1	
8	610747	CONNECTING ROD BEARING	1	
1	610751	PISTON	1	
2	610760	TOP RING	1	
3	610758	2ND RING	1	
4	610763	OIL RING	1	
5	610757	PISTON PIN	1	
8	611095	SNAP RING	2	



**POWER SOLUTIONS
INTERNATIONAL**

**KIT C
TOP GASKET KIT—PER ENGINE
PART NUMBER - 660011**

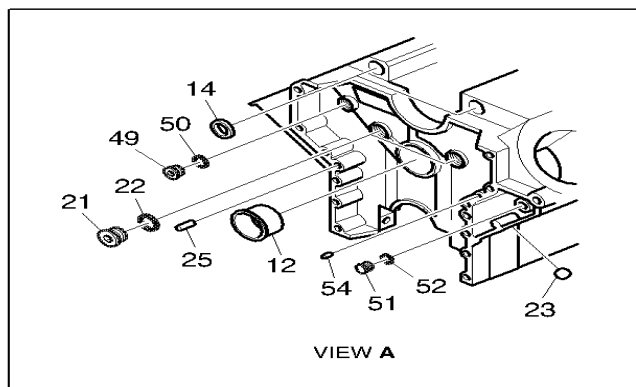
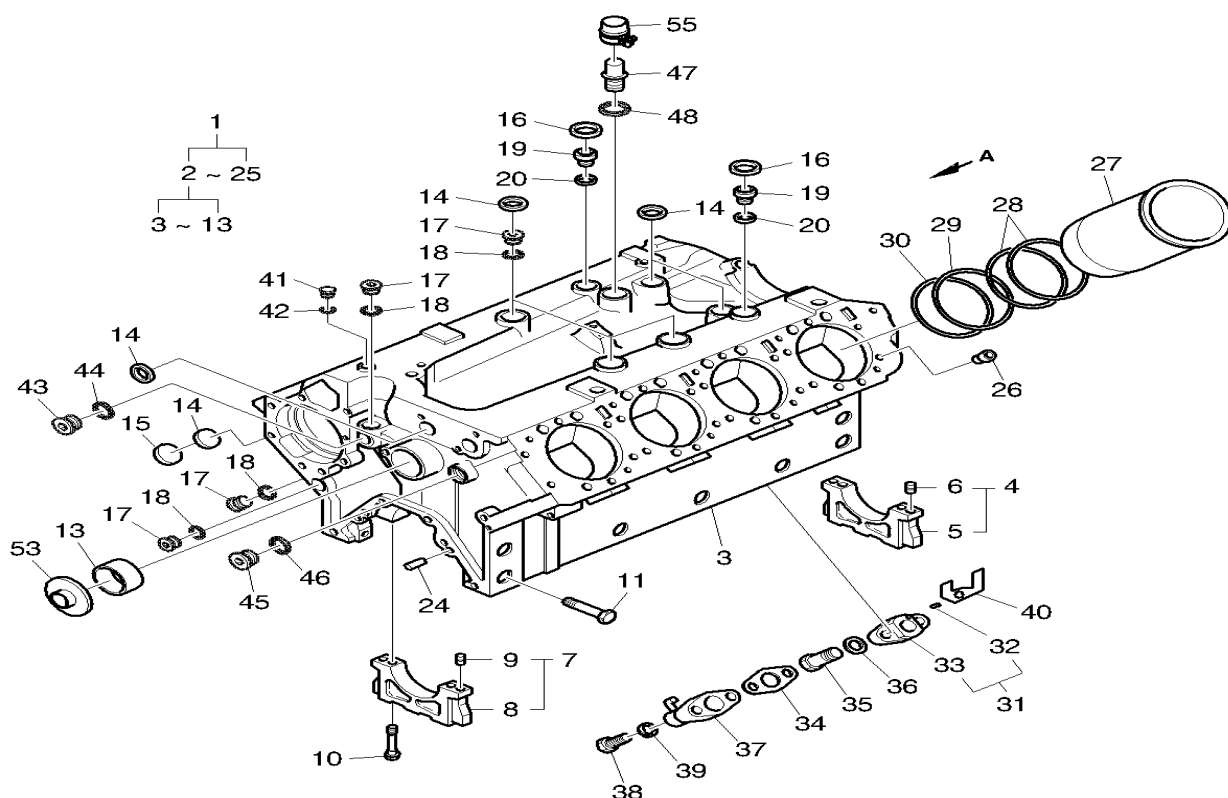
IMAGE	PART NUMBER	DESCRIPTION	QTY	PAGE
12	610535	CYLINDER HEAD GASKET	8	
9	610789	VALVE COVER GASKET	8	
29	610526	WATER PIPE GASKET	2	
4	610987	EXHAUST MANIFOLD GASKET	8	
2	610992	INTAKE MANIFOLD GASKET	8	
18	610993	INTAKE MANIFOLD GASKET	2	



**KIT D
CYLINDER HEAD KIT - PER CYLINDER
PART NUMBER - 660010**

IMAGE	PART NUMBER	DESCRIPTION	QTY	PAGE
3	610773	VALVE GUIDE	2	14
4	610776	VALVE SEAT	1	14
5	610777	VALVE SEAT	1	14
1	610793	INTAKE VALVE	1	16
2	610794	EXHAUST VALVE	1	16
4	610807	VALVE SPRING KIT	2	16
10	610813	VALVE PLATE SPRING	2	16
11	611087	WASHER	2	16
12	611088	WASHER	2	16
13	611177	KEEPER	4	16
14	610851	VALVE STEM SEAL	2	16

CYLINDER BLOCK 14L



**CYLINDER BLOCK 14L**

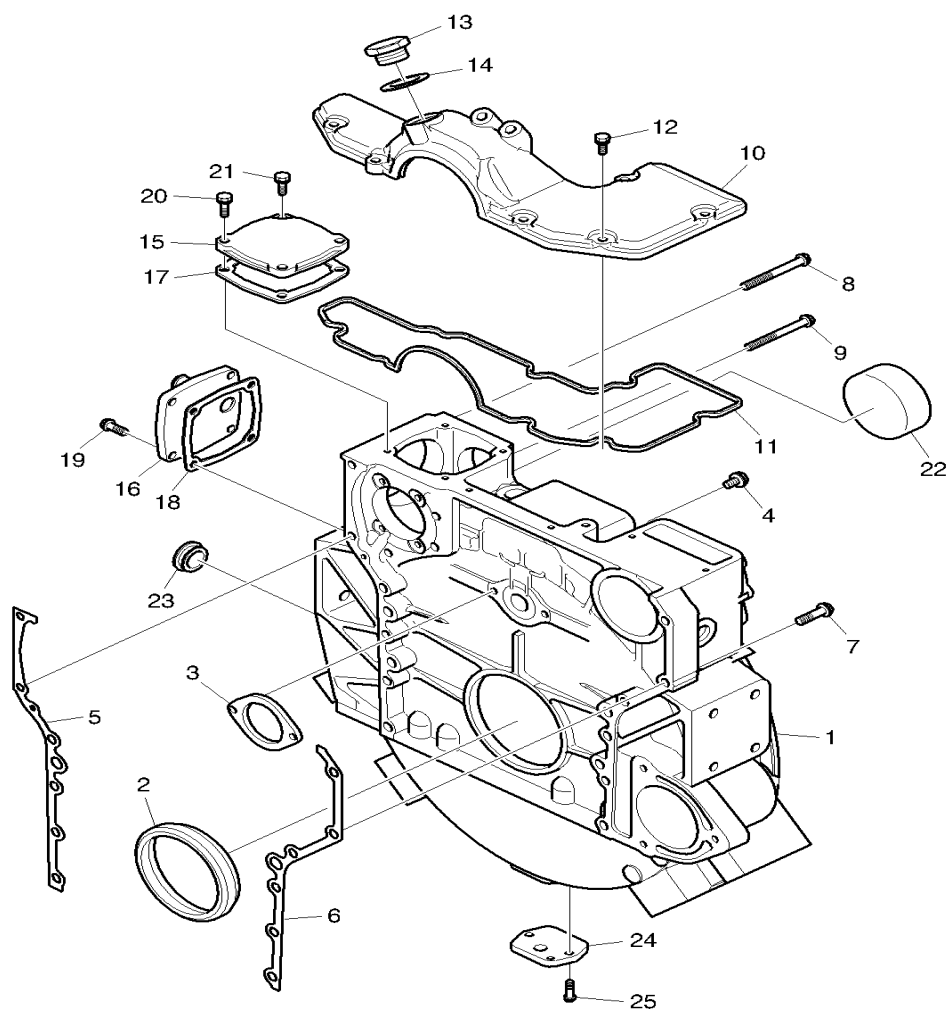
IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610492	CYLINDER BLOCK ASS'Y	1	\$	
4	NOT SOLD SEPERATELY	BEARING CAP ASS'Y	1	%	
5	NOT SOLD SEPERATELY	CAP, BEARING	1	^	
6	611097	PIN, DOWEL	2	&	
7	NOT SOLD SEPERATELY	BEARING CAP ASS'Y	4	&	
8	NOT SOLD SEPERATELY	CAP, BEARING	1	\$	
9	610461	PIN, PARALLEL	2	%	
10	611052	BOLT, BEARING CAP	10	\$	
11	610380	BOLT, HEX.	10	%	
12	610840	BUSH, CAM SHAFT	1	^	
13	610841	BUSH, CAM SHAFT	4	&	
14	611103	PLUG, CORE	10	&	
15	610000	PLUG, CORE	2	\$	
16	610447	PLUG, CORE	2	%	
17	612488	SCREW, PLUG	6	%	
18	610194	RING, SEAL	6	%	
19	611075	SCREW, PLUG	2	&	
20	610201	RING, SEAL	2	%	
21	611077	SCREW, PLUG	2	^	
22	610484	RING, SEAL	2	&	
23	610474	VALVE, BY-PASS	1	^	
24	610460	PIN, PARALLEL	2	%	
25	610463	PIN, PARALLEL	2	\$	
26	611110	PIN, LOCATING	16	%	
27	610691	LINER, CYLINDER	8	@	IN KIT B
28	611127	O-RING	16	^	IN KIT A
29	611132	O-RING	8	^	IN KIT A
30	611131	O-RING	8	&	IN KIT A

CYLINDER BLOCK 14L

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
31	610710	FLANGE ASS'Y	8	^	
32	610464	PIN, SPRING	1	&	
33	610708	NOZZLE, OIL SPRAY	1	^	
34	611138	GASKET	8	&	IN KIT A
35	611157	SCREW, HOLLOW	8	\$	
36	610267	RING, SEAL	8	%	
37	610711	OIL SPRAY NOZZLE ASS'Y	8	^	
38	611035	BOLT, HEX.	16	&	
39	610449	WASHER ,SPRING	16	&	
40	610714	PLATE, BAFFLE	1	\$	
41	611078	SCREW, PLUG	1	%	
42	610267	RING, SEAL	1	\$	
43	611077	SCREW, PLUG	1	%	
44	610484	RING, SEAL	1	^	
45	611077	SCREW, PLUG	1	&	
46	610484	RING, SEAL	1	&	
47	610893	PIPE, OIL	1	\$	
48	610485	RING, SEAL	1	%	
49	611074	SCREW, PLUG	1	%	
50	610223	RING, SEAL	1	%	
51	611078	SCREW, PLUG	1	^	
52	610267	RING, SEAL	1	&	
53	611102	COVER	1	^	
54	611066	PLUG, CORE	1	%	
55	610713	PIPE, BLIND	1	^	



FLYWHEEL HOUSING 14L



**FLYWHEEL HOUSING 14L**

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610697	HOUSING, FLYWHEEL	1	^	
2	610705	SEAL, OIL	1	@	IN KIT A
3	611094	WASHER, THRUST	1	&	
4	611042	BOLT, HEX.	2	&	
5	610718	GASKET, FLYWHEEL HOUSING	1	@	IN KIT A
6	610719	GASKET, FLYWHEEL HOUSING	1	@	IN KIT A
7	611048	BOLT, COLLARED HEX.	10	\$	
8	611047	BOLT, COLLARED HEX.	1	%	
9	611041	BOLT, HEX.	1	^	
10	610699	COVER, FLYWHEEL HOUSING	1	%	
11	610715	GASKET, FLYWHEEL HOUSING COVER	1	@	IN KIT A
12	610406	BOLT ASS'Y	8	\$	
13	611076	SCREW, PLUG	1	#	
14	611133	RING, SEAL	1	&	
15	610698	COVER, FLYWHEEL HOUSING	1	#	
16	610700	COVER, FLYWHEEL HOUSING	1	^	
17	611031	GASKET	1	@	IN KIT A
18	611031	GASKET	1	@	IN KIT A
19	610406	BOLT ASS'Y	4	%	
20	610406	BOLT ASS'Y	3	%	
21	610057	BOLT ASS'Y	1	&	
22	611104	PLUG, CORE	1	&	
23	611126	CAP, RUBBER	1	%	
24	611151	ADAPTER	1	#	
25	610057	BOLT ASS'Y	2	\$	



OIL SEAL 14L

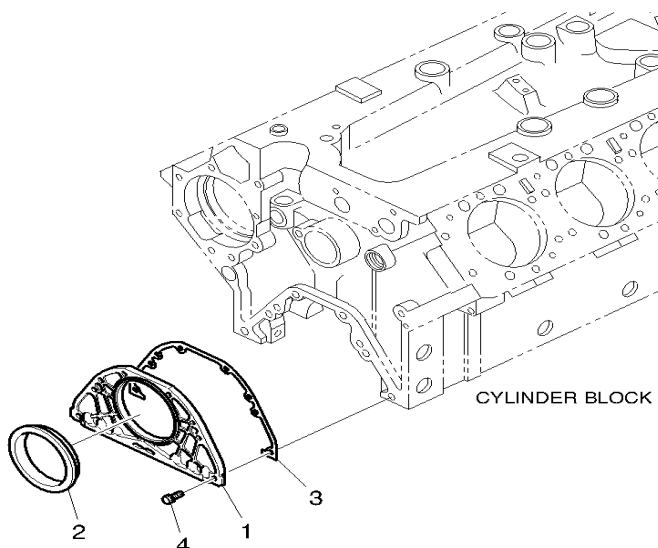


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610701	HOLDER, OIL SEAL	1	\$	
2	610706	SEAL, OIL	1	@	IN KIT A
3	610721	GASKET	1	@	IN KIT A
4	610405	BOLT ASS'Y	6	\$	

CRANKSHAFT 14L

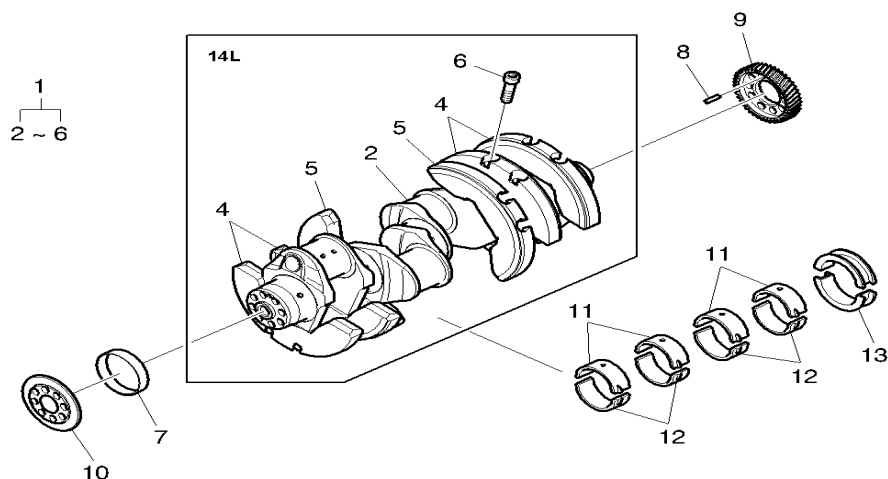


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610503	CRANK SHAFT ASS'Y	1	%	
6	611057	BOLT, SOCKET HEAD	12	^	
7	610730	RING, WEAR (FRONT)	1	@	
8	610462	PIN, PARALLEL	1	^	
9	610729	GEAR, CRANK SHAFT	1	^	
10	610702	RING, OIL THROWER	1	#	
11	610672	BEARING, MAIN	4	@	
12	610673	BEARING, MAIN	4	@	
13	610679	THRUST, BEARING SET	1	@	



VIBRATION DAMPER 14L

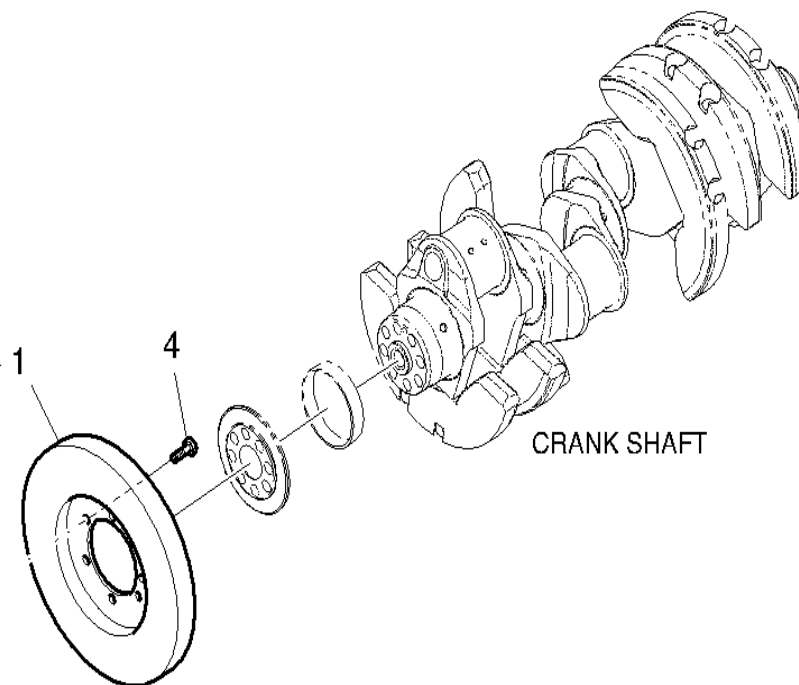


IMAGE	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610077	DAMPER, VIBRATION	1	
4	610080	BOLT, HEX.	6	



FLYWHEEL 14L

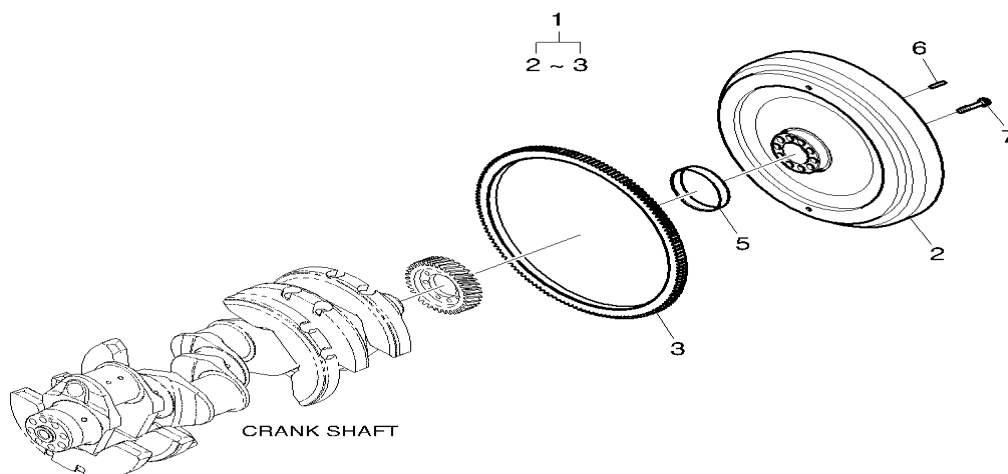


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610738	FLYWHEEL ASS'Y	1	%	
2	610737	FLYWHEEL	1	^	
3	610741	GEAR, STARTER RING	1	@	
5	610731	RING, WEAR (FRONT)	1	\$	
6	611098	PIN, TAPER	1	%	
7	611046	BOLT, COLLARED HEX.	10	^	



CONNECTING ROD 14L

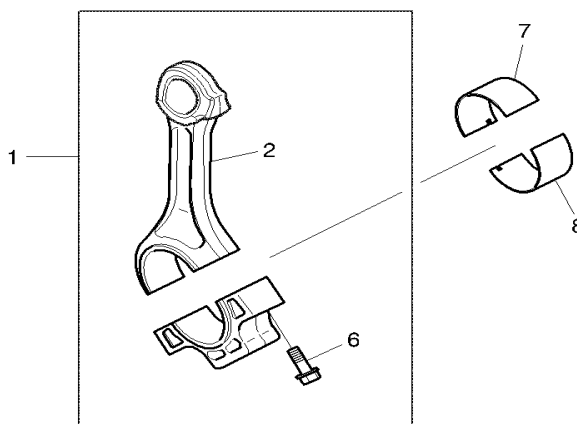


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610516	CONNECTING ROD ASS'Y	8	@	
2	NOT SOLD SEPERATELY	ROD, CONNECTING	1	%	
6	610749	BOLT, CONNECTING ROD	2	@	
7	610746	BEARING, CONNECTING ROD	8	@	IN KIT B
8	610747	BEARING, CONNECTING ROD	8	@	IN KIT B



PISTON 14L

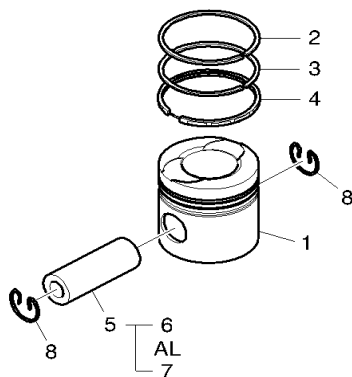


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610751	PISTON	8	@	IN KIT B
2	610760 (NOTE 1)	RING, TOP	8	^	IN KIT B
3	610758 (NOTE 1)	RING, 2ND	8	^	IN KIT B
4	610763 (NOTE 1)	RING, OIL	8	\$	IN KIT B
5	610757	PIN, PISTON	8	@	IN KIT B
8	611095	RING, SNAP	16	@	IN KIT B
NOTE 1	612533	COMPLETE ENGINE RING KIT	1	@	INCLUDES 2,3 & 4

CRANKSHAFT PULLEY 14L

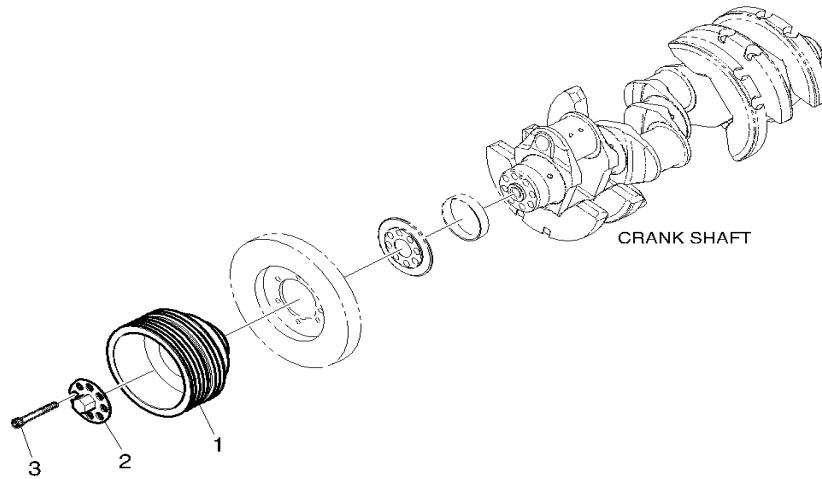


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	50100018	PULLEY, V-BELT	1	@	
2	610518	PLATE	1	^	
3	610488	BOLT, SOCKET HEAD	8	%	



CYLINDER HEAD 14L

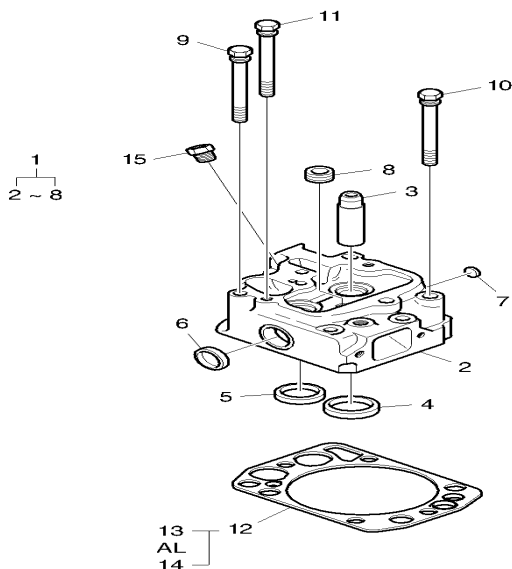


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610771	CYLINDER HEAD ASS'Y	8	&	BARE HEAD
2	612504	CYLINDER HEAD ASS'Y	8	@	COMPLETE HEAD
3	610773	GUIDE, VALVE	16	^	IN KIT D
4	610776	SEAT, VALVE	8	%	IN KIT D
5	610777	SEAT, VALVE	8	^	IN KIT D
6	610000	PLUG, CORE	8	&	
7	610004	PLUG, CORE	8	%	
8	610435	SCREW, PLUG	8	%	
9	611049	BOLT, CYLINDER HEAD	16	@	
10	611050	BOLT, CYLINDER HEAD	24	@	
11	611051	BOLT, CYLINDER HEAD	8	@	
12	610535	GASKET, CYLINDER HEAD	8	@	IN KIT A & C
15	611073	SCREW, PLUG	8	%	

CYLINDER HEAD COVER 14L

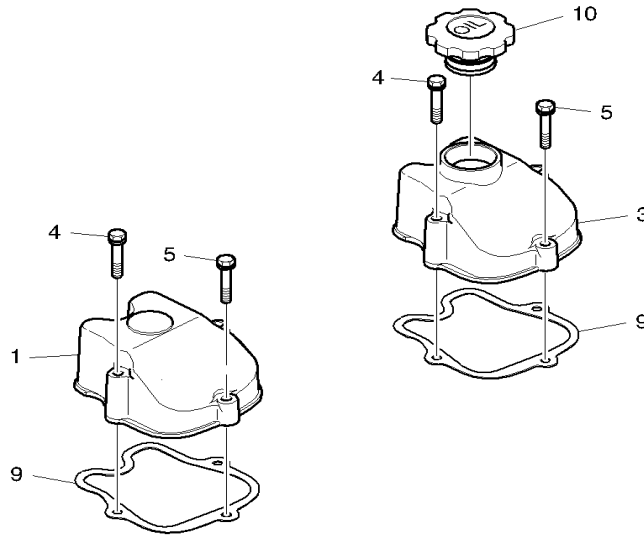


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610782	COVER,CYLINDER HEAD	7	%	
3	610783	COVER, CYLINDER HEAD	1	^	
4	610410	BOLT ASS'Y	16	\$	
5	610408	BOLT ASS'Y	8	%	
9	610789	GASKET, CYLINDER HEAD	8	@	IN KIT A,C,1,2,3
10	610120	OIL FILLER CAP ASS'Y	1	%	

VALVE 14L

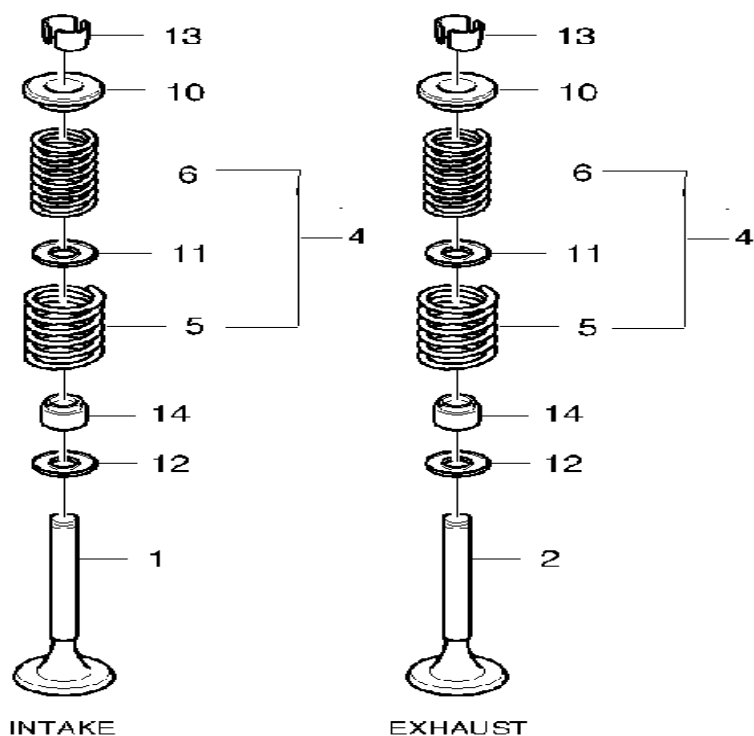


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610793	VALVE	8	@	IN KIT D
2	610794	VALVE	8	@	IN KIT D
4	610807	SPRING, VALVE ASSY	16	@	IN KIT D
5	610804	SPRING, VALVE (OUTER)	16	%	PART OF 4
6	610805	SPRING, VALVE (INNER)	16	^	PART OF 4
10	610813	PLATE, VALVE SPRING	16	@	IN KIT D
11	611087	WASHER	16	@	IN KIT D
12	611088	WASHER	16	@	IN KIT D
13	611177	COTTER, VALVE	32	@	IN KIT D
14	610851	SEAL, VALVE STEM	16	@	IN KIT D



ROCKER ARM 14L

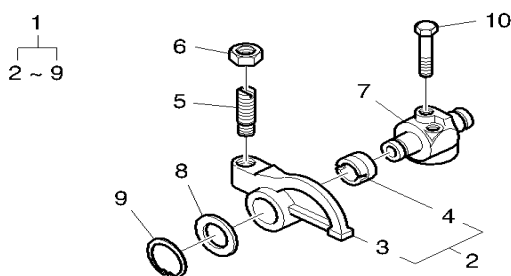


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610816	ROCKER ARM & SHAFT ASS'Y	8	@	
2	NOT SOLD SEPERATELY	ROCKER ARM ASS'Y	2	%	
3	610819 (NSS)	ARM, ROCKER	1	%	SEE 610816
4	611115	BUSH	1	^	
5	610827	SCREW, ADJUST	2	&	
6	611084	NUT, HEX.	2	^	
7	NOT SOLD SEPERATELY	BRACKET, ROCKER ARM	1	\$	
8	611090	WASHER	2	#	
9	610143	RING, SNAP	2	&	
10	611036	BOLT, HEX.	16	#	



VALVE TAPPET 14L

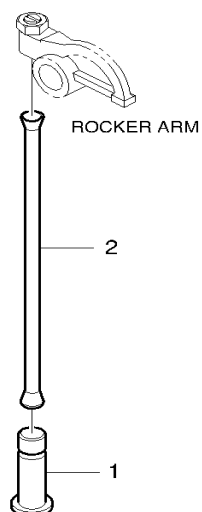


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610829	TAPPET, VALVE	16	@	
2	610830	ROD, PUSH	16	@	



CAMSHAFT 14L

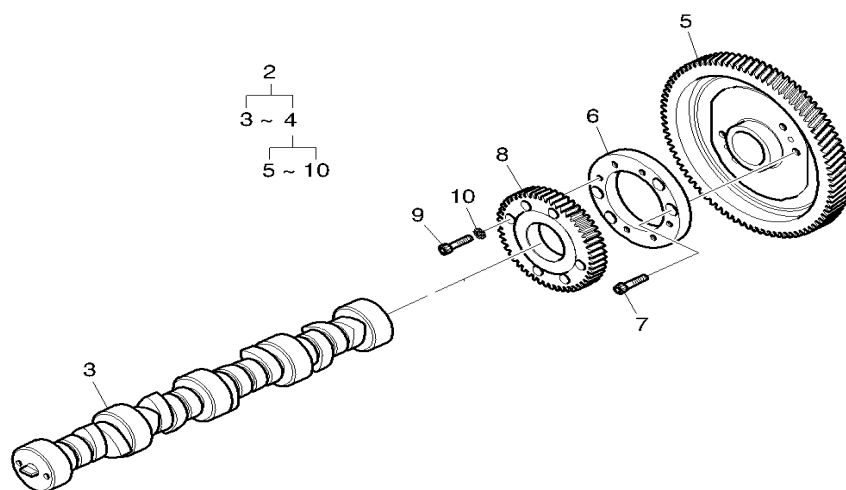


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
2	610836	CAM SHAFT ASS'Y	1	%	
3	610833	SHAFT, CAM	1	@	
4	NOT SOLD SEPERATELY	DRIVE GEAR ASS'Y	1	#	
5	610844	GEAR, CAM SHAFT	1	\$	
6	610994	SPACER	1	\$	
7	610056	BOLT, SOCKET HEAD	4	%	
8	610996	GEAR, INJECTION PUMP DRIVE	1	^	
9	610427	BOLT, SOCKET HEAD	6	&	
10	610209	WASHER, SPRING	6	\$	

OIL PUMP 14L

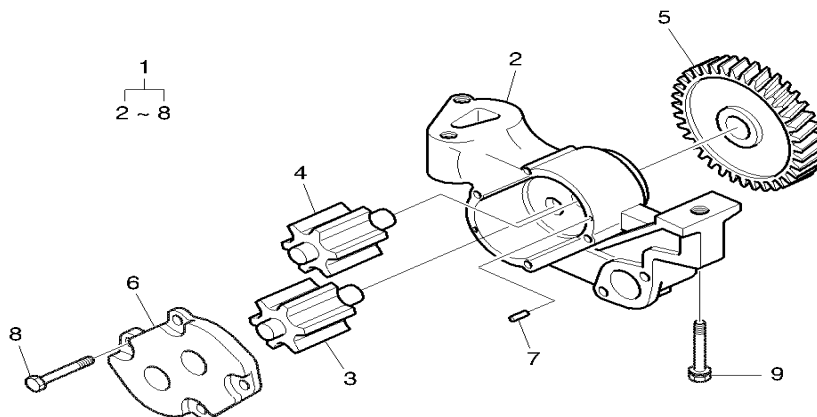


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610854	OIL PUMP ASS'Y	1	@	IN KIT 5
2	610857	HOUSING, OIL PUMP	1	#	
3	610861	GEAR, OIL PUMP	1	\$	
4	610862	GEAR, OIL PUMP	1	%	
5	610867	GEAR, OIL PUMP DRIVE	1	^	
6	610858	HOUSING, OIL PUMP	1	%	
7	612489	PIN, PARALLEL	1	&	
8	610349	BOLT, HEX.	4	&	
9	610196	BOLT ASS'Y	1	^	

42



RELIEF VALVE 14L

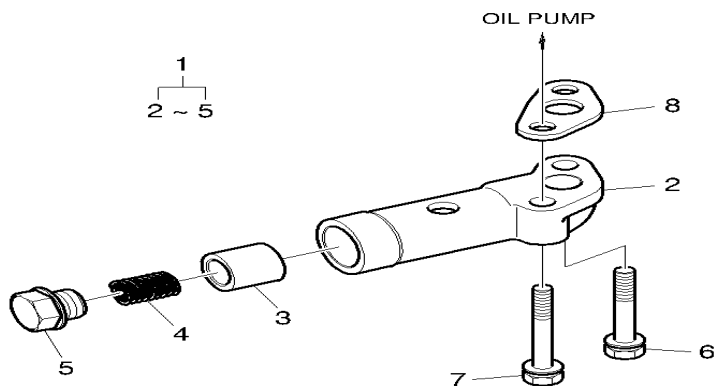


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610869	RELIEF VALVE ASS'Y	1	@	
2	NOT SOLD SEPERATELY	HOUSING, RELIEF VALVE	1	\$	
3	NOT SOLD SEPERATELY	PLUNGER, VALVE	1	%	
4	NOT SOLD SEPERATELY	SPRING	1	^	
5	NOT SOLD SEPERATELY	SCREW, PLUG	1	^	
6	610393	BOLT ASS'Y	1	#	
6	610282	BOLT, HEX.	-	\$	
7	610399	BOLT ASS'Y	1	^	
8	610918	GASKET	1	@	IN KIT A

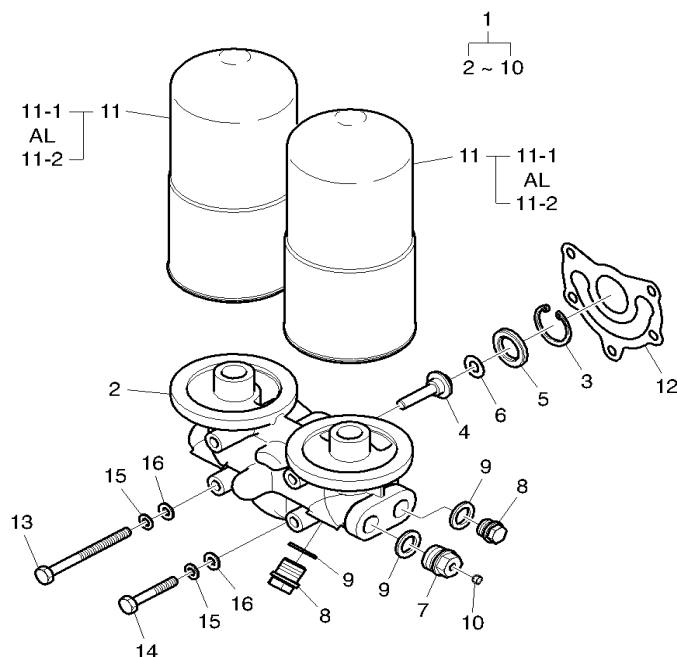
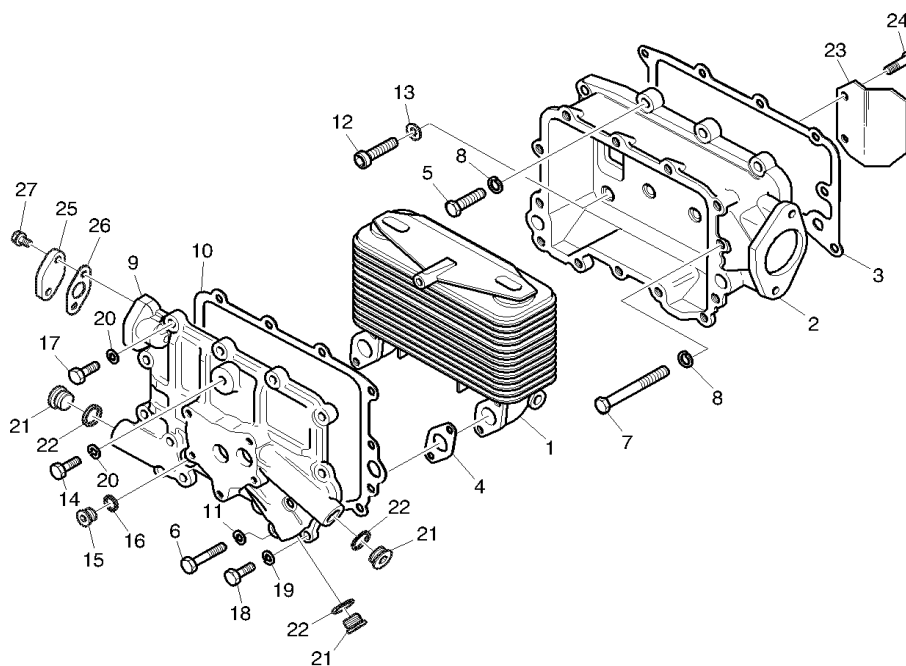
OIL FILTER 14L


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610878	OIL FILTER ASS'Y	1	%	
2	610880	HEAD, OIL FILTER	1	%	
3	610466	RING, SNAP	1	%	
4	610884	PLUNGER, VALVE	1	%	
5	610885	SEAT, VALVE	1	^	
6	610883	PLATE	1	&	
7	611153	ADAPTER	1	\$	
8	610437	SCREW, PLUG	3	%	
9	610726	RING, SEAL	4	^	
10	611081	SCREW, PLUG	1	&	
11	610882	FILTER CARTRIDGE ASS'Y	1	@	IN KIT 1,2,3,4,5
12	610912	GASKET, OIL FILTER	1	@	IN KIT A
13	610355	BOLT, HEX	4	%	
14	610373	BOLT, HEX	1	%	
15	610146	WASHER, SPRING	5	^	
16	610254	WASHER, PLAIN	5	&	



**POWER SOLUTIONS
INTERNATIONAL**

OIL COOLER 14L

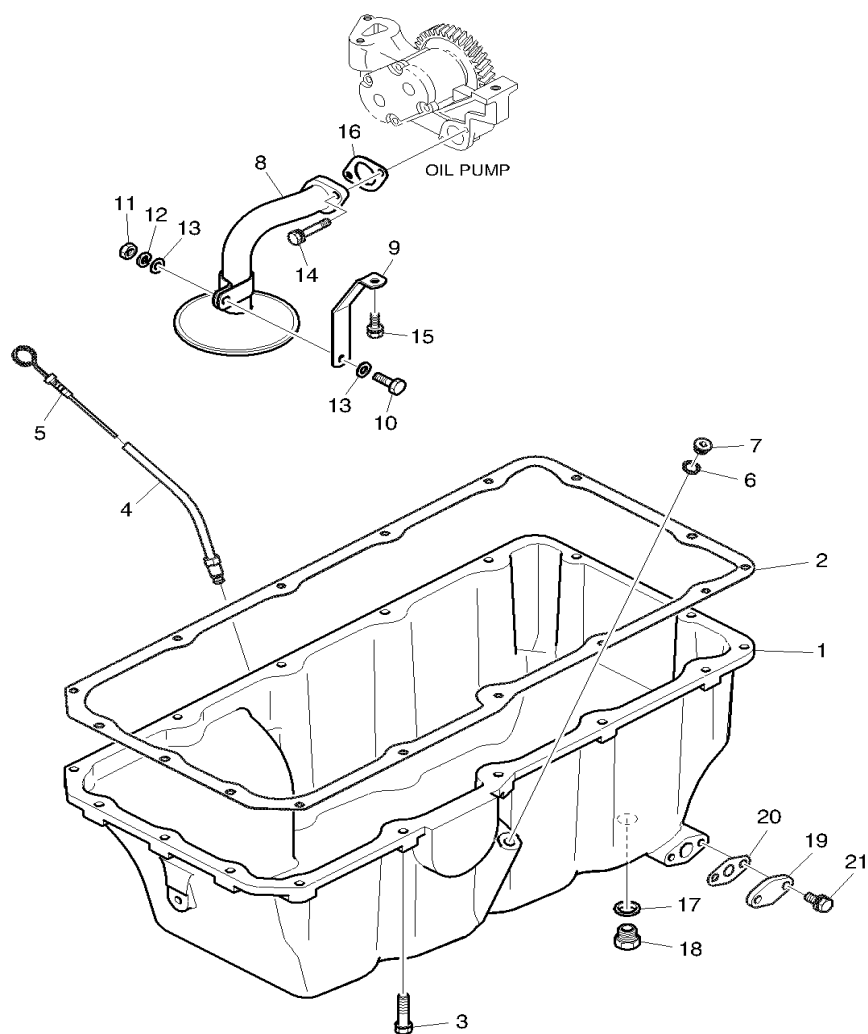


**OIL COOLER 14L**

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610886	OIL COOLER ASS'Y	1	@	
2	610890	HOUSING,OIL COOLER	1	%	
3	610911	GASKET, OIL COOLER	1	@	IN KIT A
4	611137	GASKET, FLANGE	2	@	IN KIT A
5	610372	BOLT, HEX.	6	%	
6	610350	BOLT, HEX	4	^	
7	610358	BOLT, HEX.	1	&	
8	610146	WASHER, SPRING	7	^	
9	610892	COVER, OIL COOLER	1	%	
10	610913	GASKET, OIL COOLER	1	@	IN KIT A
11	610450	WASHER, SPRING	4	%	
12	611054	BOLT, SOCKET HEAD	3	%	
13	611086	WASHER	3	^	
14	610362	BOLT, HEX.	1	&	
15	611078	SCREW, PLUG	1	\$	
16	610267	RING, SEAL	1	%	
17	610371	BOLT, HEX.	12	%	
18	610370	BOLT, HEX.	1	%	
19	610450	WASHER, SPRING	1	^	
20	610450	WASHER, SPRING	13	&	
21	611076	SCREW, PLUG	3	\$	
22	610194	RING, SEAL	3	%	
23	610887	PLATE	1	^	
24	610364	BOLT, HEX.	2	&	
25	611099	COVER, END	1	%	
26	610916	GASKET	1	@	IN KIT A
27	610404	BOLT ASS'Y	2	&	



OIL PAN 14L





OIL PAN 14L

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610905	PAN, OIL	1	%	
2	610921	GASKET, OIL PAN	1	@	IN KIT A
3	610407	BOLT ASS'Y	16	%	
4	610910	GUIDE TUBE ASS'Y	1	%	
5	610908	OIL LEVEL GAUGE ASS'Y	1	^	
6	610223	RING, SEAL	1	&	
7	611074	SCREW, PLUG	1	\$	
8	610896	PIPE, OIL SUCTION	1	%	
9	610903	BRACKET, OIL SUCTION PIPE	1	%	
10	610365	BOLT, HEX.	1	%	
11	610017	NUT, HEX.	1	^	
12	610016	WASHER, SPRING	1	&	
13	610056	WASHER, PLAIN	2	\$	
14	610391	BOLT ASS'Y	2	%	
15	610026	BOLT ASS'Y	1	^	
16	611136	GASKET	1	@	IN KIT A
17	610484	RING, SEAL	1	%	
18	610285	SCREW, PLUG	1	^	
19	611149	FLANGE	1	^	
20	610551	GASKET	1	@	IN KIT A
21	610413	BOLT ASS'Y	2	&	

COOLING WATER PIPE 14L

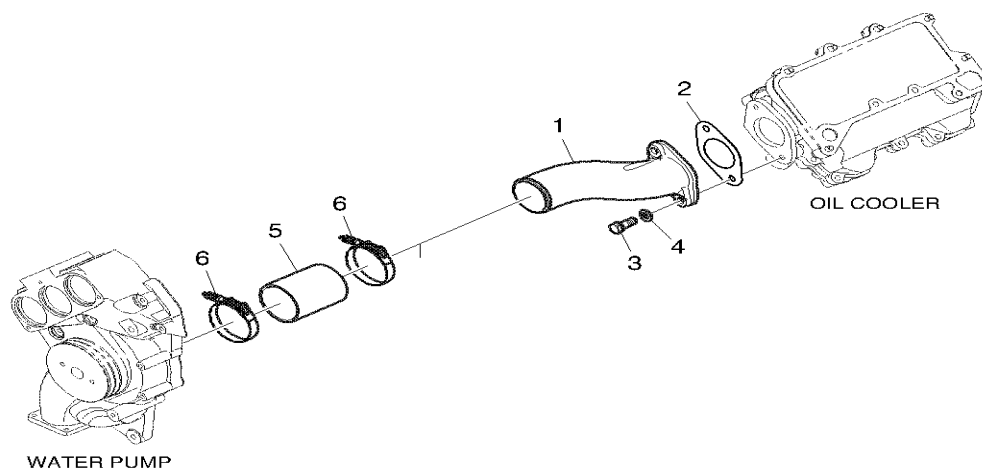
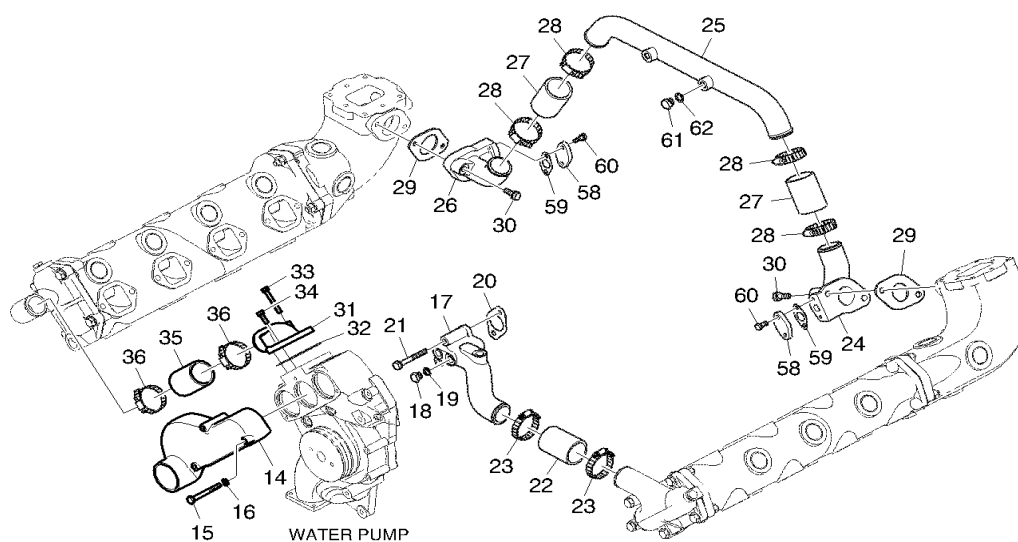


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610933	PIPE, COOLING WATER	1	%	
2	610965	GASKET	1	@	IN KIT A
3	610398	BOLT ASS'Y	2	^	
4	610525	WASHER, PLAIN	2	%	
5	610527	HOSE, RUBBER	1	@	
6	611142	CLAMP, HOSE (BAND TYPE)	2	&	



COOLILNG WATER PIPE 14L



COOLILNG WATER PIPE 14L

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
14	610554	OUTLET, WATER	1	%	
15	610293	BOLT ASS'Y	3	%	
16	610056	WASHER, PLAIN	3	^	
17	610924	PIPE, COOLING WATER	1	&	
18	610438	SCREW, PLUG	2	\$	
19	610267	RING, SEAL	2	%	
20	611135	GASKET	1	@	IN KIT A
21	610336	BOLT ASS'Y	2	^	
22	610247	HOSE, SILICON	1	@	
23	610250	CLAMP, HOSE (BAND TYPE)	2	%	
24	610927	PIPE, COOLING WATER	1	%	
25	610935	PIPE, COOLING WATER	1	^	
26	610928	PIPE, COOLING WATER	1	&	
27	610247	HOSE, SILICON	2	@	
28	610250	CLAMP, HOSE (BAND TYPE)	4	%	
29	610526	GASKET, WATER PIPE	2	@	IN KIT A & C
30	610418	BOLT ASS'Y	4	%	
31	610934	PIPE, COOLING WATER	1	%	
32	610964	GASKET, WATER PIPE	1	@	IN KIT A
33	610392	BOLT ASS'Y	2	#	
34	610389	BOLT ASS'Y	2	\$	
35	610247	HOSE, SILICON	1	%	
36	610250	CLAMP, HOSE (BAND TYPE)	2	^	
58	611099	COVER, END	2	&	
59	610916	GASKET	2	@	IN KIT A
60	610014	BOLT ASS'Y	4	^	
61	610052	SCREW, PLUG	2	%	
62	610018	RING,SEAL	2	\$	



THERMOSTAT 14L

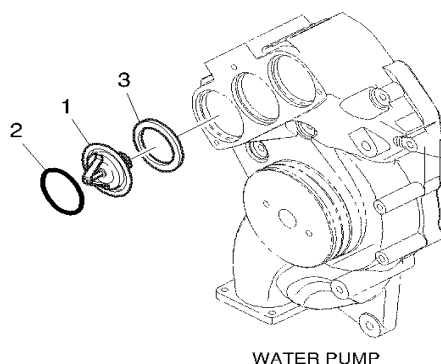


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610260	THERMOSTAT ASS'Y	3	@	160 DEGREE (71C) (STD)
1	610937	THERMOSTAT ASS'Y	3	^	174 DEGREE (79C) (ALT)
1	612500	THERMOSTAT ASS'Y	3	&	181 DEGREE (83C) (ALT)
2	610261	O-RING	3	@	IN KIT A
3	610262	GASKET, THERMOSTAT	3	@	IN KIT A

WATER PUMP 14L

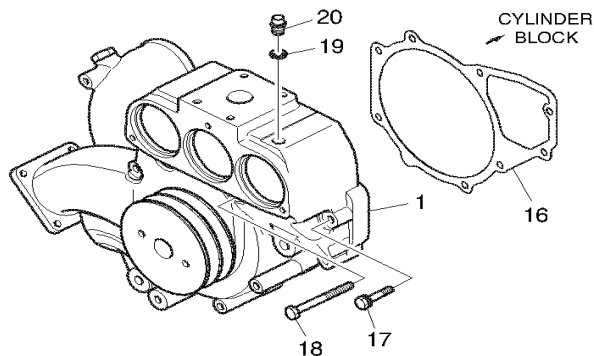
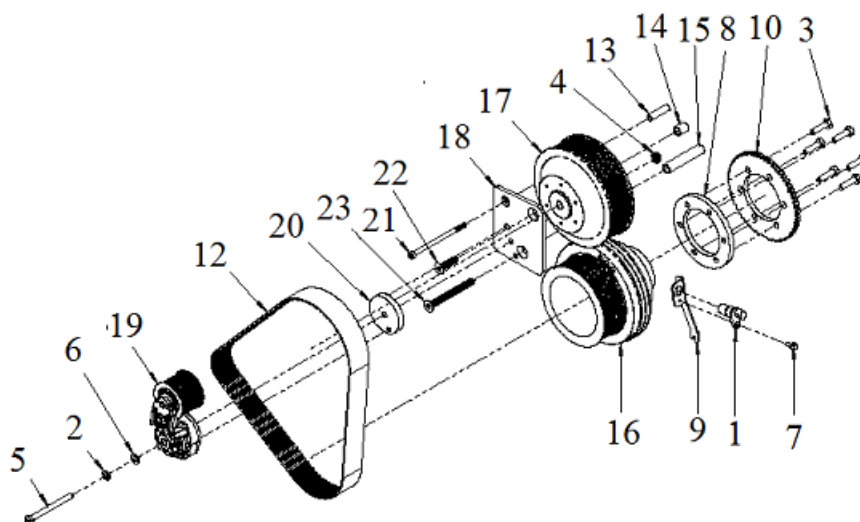


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610941	WATER PUMP ASS'Y	1	@	IN KIT 4,5
16	610960	GASKET, WATER PUMP	1	@	IN KIT A,4
17	610225	BOLT ASS'Y	3	^	
18	610293	BOLT ASS'Y	3	&	
19	610482	RING, SEAL	1	\$	
20	611155	SCREW, CONNECTING	1	%	

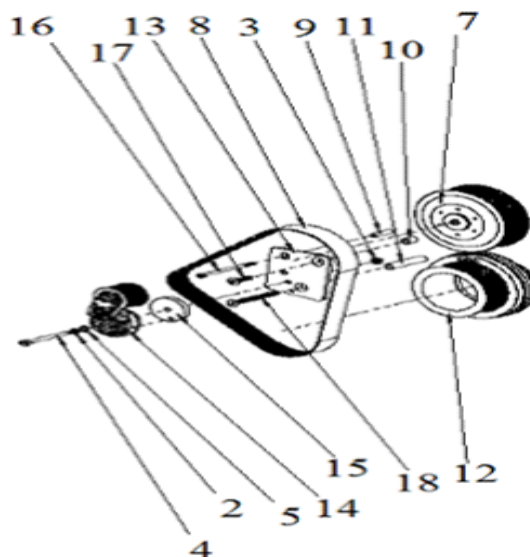
FRONT DRIVE



58050608

IMAGE #	PART NUMBER	DESCRIPTION	QTY	NOTE
1	32500930	SPEED SENSOR	1	
2	35000046	WASHER	1	
3	35000151	BOLT	6	
4	35000196	NUT	1	
5	35000386	BOLT	1	
6	35000402	WASHER	1	
7	35000530	BOLT	1	
8	50100020	SPACER	1	
9	50100021	BRACKET	1	
10	52500135	TIMING WHEEL	1	
11	53000021	ALTERNATOR BELT	1	NOT SHOWN
12	53000044	FAN BELT	1	
13	53000045	SPACER	1	
14	53000046	SPACER	1	
15	53000047	SPACER	1	
16	53000048	CRANK PULLEY	1	
17	53000049	FAN PULLEY	1	
18	53000051	BRACKET	1	
19	53000053	TENSIONER	1	
20	53000054	SPACER	1	
21	35000948	BOLT	1	
22	35000983	BOLT	1	
23	35000988	BOLT	1	

RETRO FIT FAN DRIVE

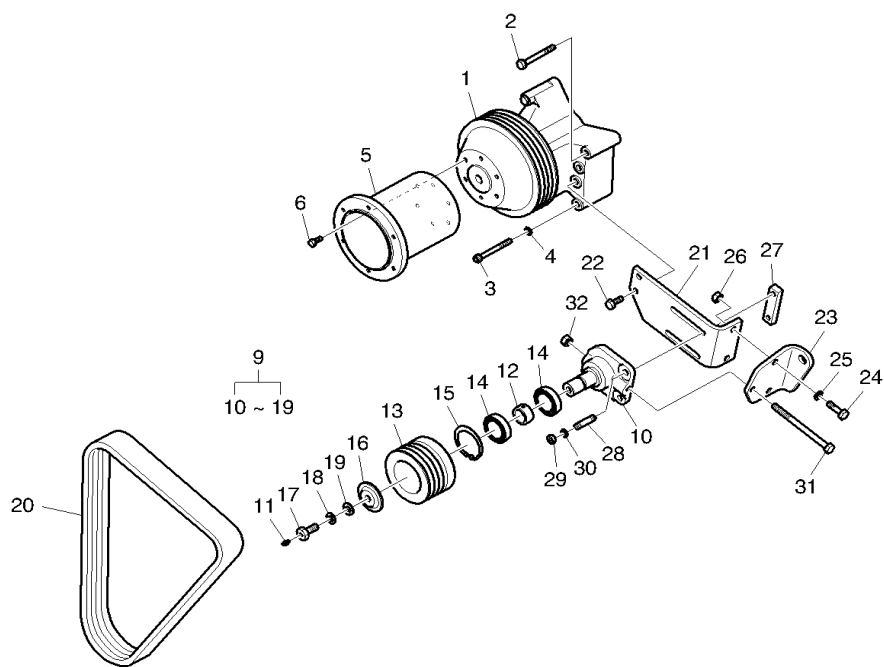


59300073

IMAGE #	PART NUMBER	DESCRIPTION	QTY	NOTE
2	35000046	WASHER	1	
3	35000196	NUT	1	
4	35000386	BOLT	1	
5	35000402	WASHER	1	
7	52000186	FAN PULLEY	1	
8	53000044	BELT	1	
9	53000045	SPACER	1	
10	53000046	SPACER	1	
11	53000047	SPACER	1	
12	53000048	CRANK PULLEY	1	
13	53000051	BRACKET	1	
14	53000053	TENSIONER	1	
15	53000054	SPACER	1	
16	35000948	BOLT	1	
17	35000983	BOLT	1	
18	35000988	BOLT	1	



COOLING FAN 14L



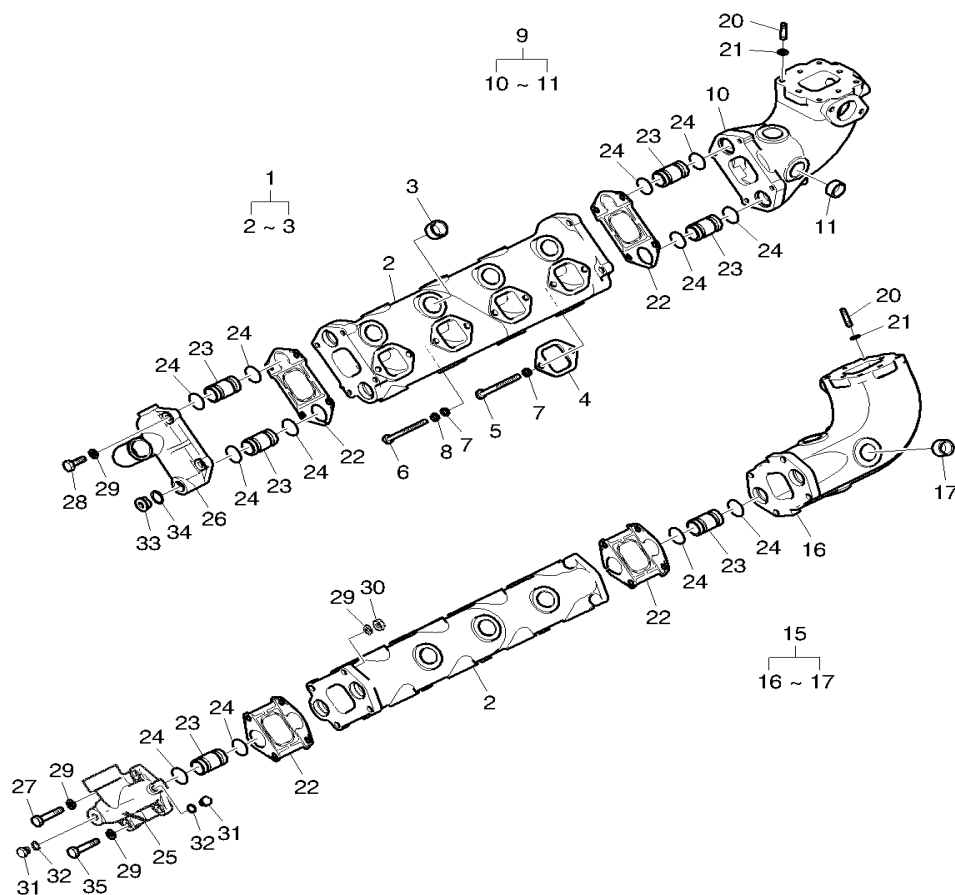


COOLING FAN 14L

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610953	FAN MOUNTING ASS'Y	1	%	
2	610396	BOLT ASS'Y	1	%	
3	610426	BOLT ; SOCKET HEAD	1	^	
4	610452	WASHER, SPRING	1	&	
5	610956	FLANGE, FAN	1	\$	
6	610390	BOLT ASS'Y	6	%	
9	611117	IDLE PULLEY ASS'Y	1	@	
10	611122	BRACKET, IDLE PULLEY	1	%	
11	610476	NIPPLE, GREASE	1	%	
12	611107	SPACER	1	^	
13	611118	PULLEY, IDLE	1	&	
14	610472	BEARING, BALL	2	\$	
15	610469	RING, SNAP	1	%	
16	611108	SPACER	1	^	
17	611154	ADAPTER	1	&	
18	610047	WASHER, SPRING	1	\$	
19	610525	WASHER, PLAIN	1	%	
20	53000039	V-BELT	4	@	
21	611119	BRACKET, IDLE PULLEY	1	%	
22	610402	BOLT ASS'Y	2	%	
23	611120	BRACKET, IDLE PULLEY	1	^	
24	610372	BOLT, HEX.	2	&	
25	610146	WASHER, SPRING	2	\$	
26	610304	NUT, HEX.	2	%	
27	611121	BRACKET, IDLE PULLEY	1	%	
28	610029	BOLT, STUD	2	%	
29	610304	NUT, HEX.	2	^	
30	610146	WASHER, SPRING	2	&	
31	610367	BOLT, HEX.	1	\$	
32	610444	NUT, HEX.	1	%	



EXHAUST MANIFOLD 14L



**EXHAUST MANIFOLD 14L**

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610976	EXHAUST MANIFOLD ASS'Y	2	@	
2	NOT SOLD SEPERATELY	MANIFOLD, EXHAUST	1	%	
3	610448	PLUG, CORE	18	%	
4	610987	GASKET, EXHAUST MANIFOLD	8	@	IN KIT A & C
5	610359	BOLT, HEX.	12	&	
6	610360	BOLT, HEX	4	\$	
7	610146	WASHER, SPRING	16	%	
8	610254	WASHER, PLAIN	4	%	
9	610973	EXHAUST MANIFOLD ASS'Y	1	@	
10	610966M	MANIFOLD, EXHAUST	1	%	
11	610448	PLUG, CORE	4	&	
15	610974	EXHAUST MANIFOLD ASS'Y	1	\$	
16	610967M	MANIFOLD, EXHAUST	1	%	
17	610448	PLUG, CORE	5	^	
20	611060	BOLT, STUD	8	^	
21	610146	WASHER, SPRING	8	%	
22	610557	GASKET, EXHAUST MANIFOLD	4	@	IN KIT A
23	610926	PIPE, COOLING WATER	8	\$	
24	610479	O-RING	16	@	IN KIT A
25	610556	COVER, EXHAUST MANIFOLD	1	%	
26	610980	COVER, EXHAUST MANIFOLD	1	%	
27	610376	BOLT, HEX.	3	^	
28	610375	BOLT, HEX.	4	&	
29	610047	WASHER, SPRING	12	\$	
30	610048	NUT, HEX.	4	%	
31	610438	SCREW, PLUG	2	%	
32	610267	RING, SEAL	2	^	
33	610285	SCREW, PLUG	1	&	
34	610194	RING, SEAL	1	%	
35	610378	BOLT, HEX.	1	\$	

INTAKE MANIFOLD 14L

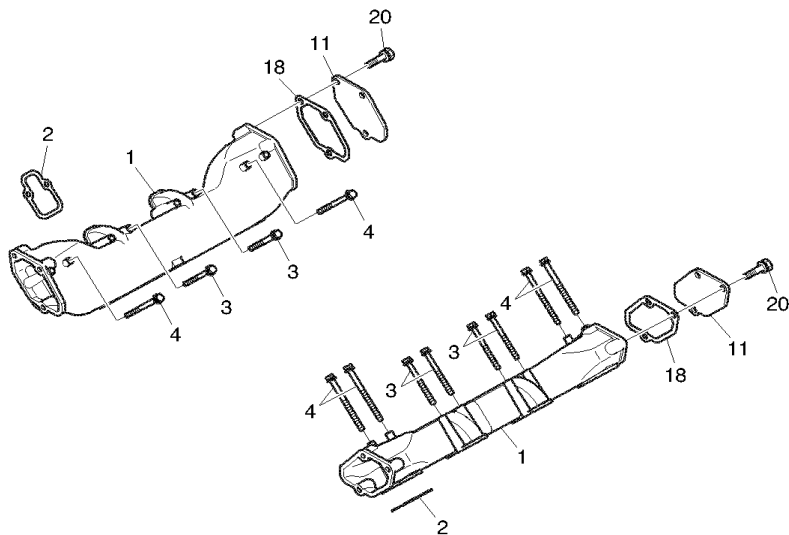


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610982	INTAKE MANIFOLD ASS'Y	2	#	
2	610992	GASKET, INTAKE MANIFOLD	8	@	IN KIT A & C
3	610411	BOLT ASS'Y	8	^	
4	610412	BOLT ASS'Y	8	%	
11	610986	COVER	2	\$	
18	610993	GASKET,INTAKE MANIFOLD	2	@	IN KIT A & C
20	610297	BOLT ASS'Y	6	^	

INJECTION PUMP DRIVE 14L

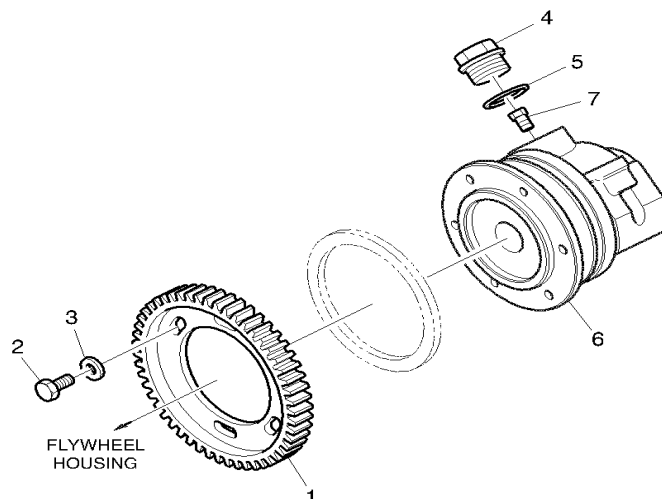
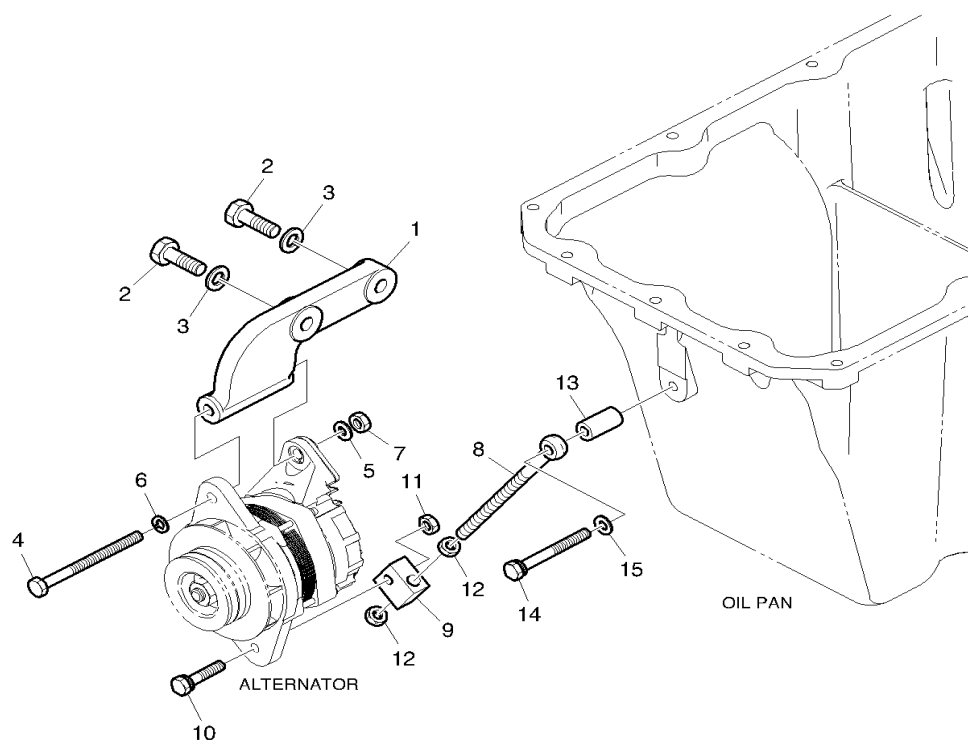


IMAGE	PART NUMBER	DESCRIPTION	QTY	NOTES
1	612302	GEAR ; INJECTION PUMP DRIVE	1	
2	612008	BOLT ; HEX.	4	
3	612371	WASHER	4	
4	612444	ADAPTER	1	
5	610206	RING ; SEAL	1	
6	612303	GEAR ; INJECTION PUMP DRIVE	1	
7	612335	SENSOR	1	



**POWER SOLUTIONS
INTERNATIONAL**

ALTERNATOR MOUNTING 14L





ALTERNATOR MOUNTING 14L

IMAGE	PART NUMBER	DESCRIPTION	QTY	NOTES
1	611010	BRACKET, ALTERNATOR MOUNTING	1	
2	610374	BOLT, HEX.	2	
3	610085	WASHER, SPRING	2	
4	611033	BOLT, HEX.	1	
5	610525	WASHER, PLAIN	1	
6	610047	WASHER, SPRING	1	
7	610048	NUT, HEX.	1	
8	611082	BOLT, SPACER	1	
9	611013	PIECE, GUIDE	1	
10	610394	BOLT ASS'Y	1	
11	610304	NUT, HEX.	1	
12	610440	NUT, HEX	2	
13	611111	SPACER	1	
14	610296	BOLT ASS'Y	1	
15	610254	WASHER,PLAIN	1	

ALTERNATOR BELT 14L

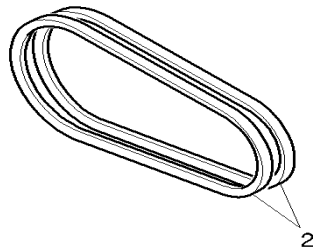


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
2	53000021	V-BELT	1	@	IN KIT 3,4,5

STARTER 14L

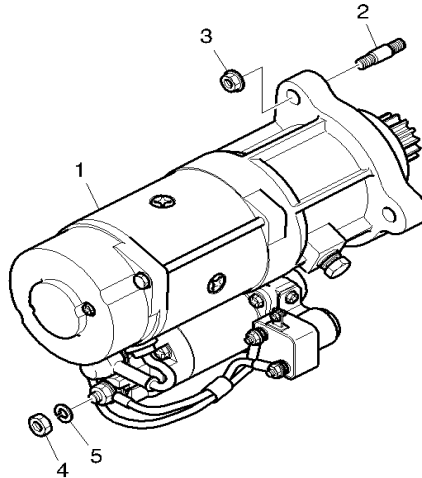
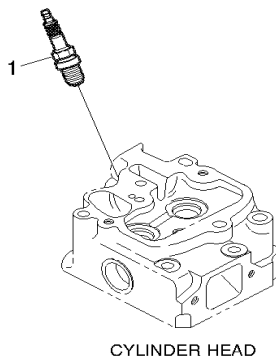


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTS
1	611017	STARTER	1	@	
2	610432	BOLT, STUD	3	%	
3	611085	NUT, HEX.	3	^	
4	610304	NUT, HEX.	1	%	
5	610146	WASHER, SPRING	1	\$	

ELECTRONIC IGNITION SYSTEM 14L



CYLINDER HEAD

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	610344	PLUG, SPARK	8	@	IN KIT 2,3,4,5

ENGINE MOUNTING 14L

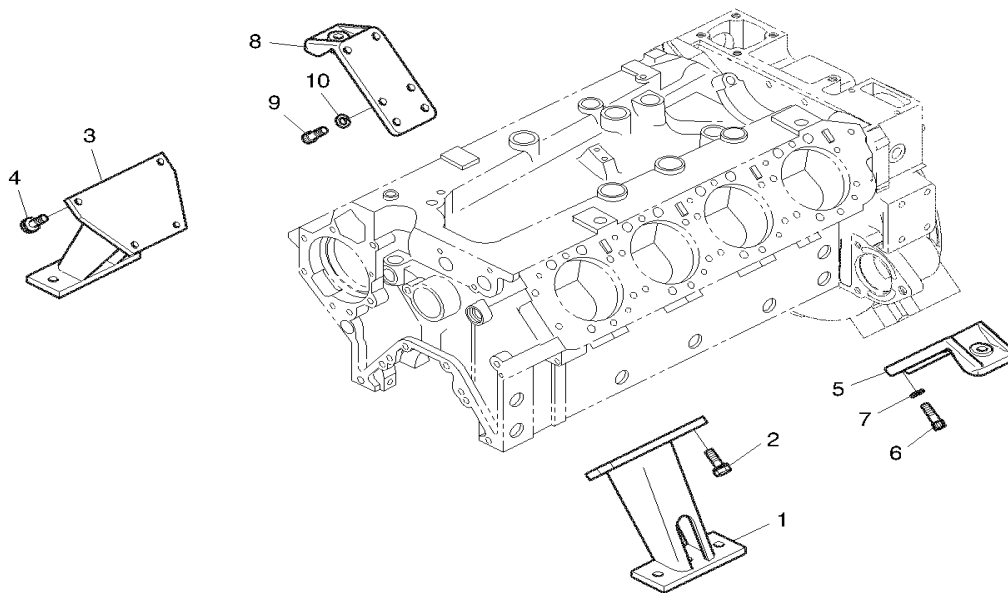
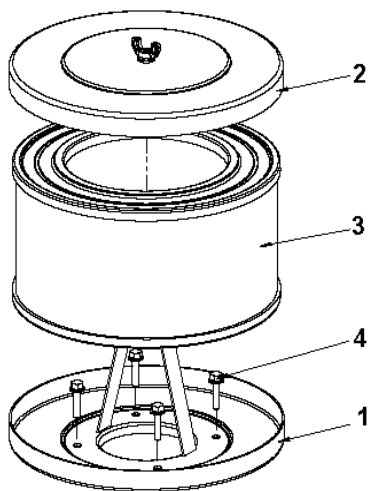


IMAGE	PART NUMBER	DESCRIPTION	QTY	NOTE
1	611029	BRACKET, FRONT MOUNTING	1	
2	610398	BOLT ASS'Y	4	
3	611029	BRACKET, FRONT MOUNTING	1	
4	610398	BOLT ASS'Y	4	
5	611028	BRACKET, FRONT MOUNTING	1	
6	610429	BOLT, SOCKET HEAD	6	
7	610454	WASHER, SPRING	6	
8	611028	BRACKET, FRONT MOUNTING	1	
9	610429	BOLT, SOCKET HEAD	6	
10	610454	WASHER, SPRING	6	



AIR FILTER - 14L

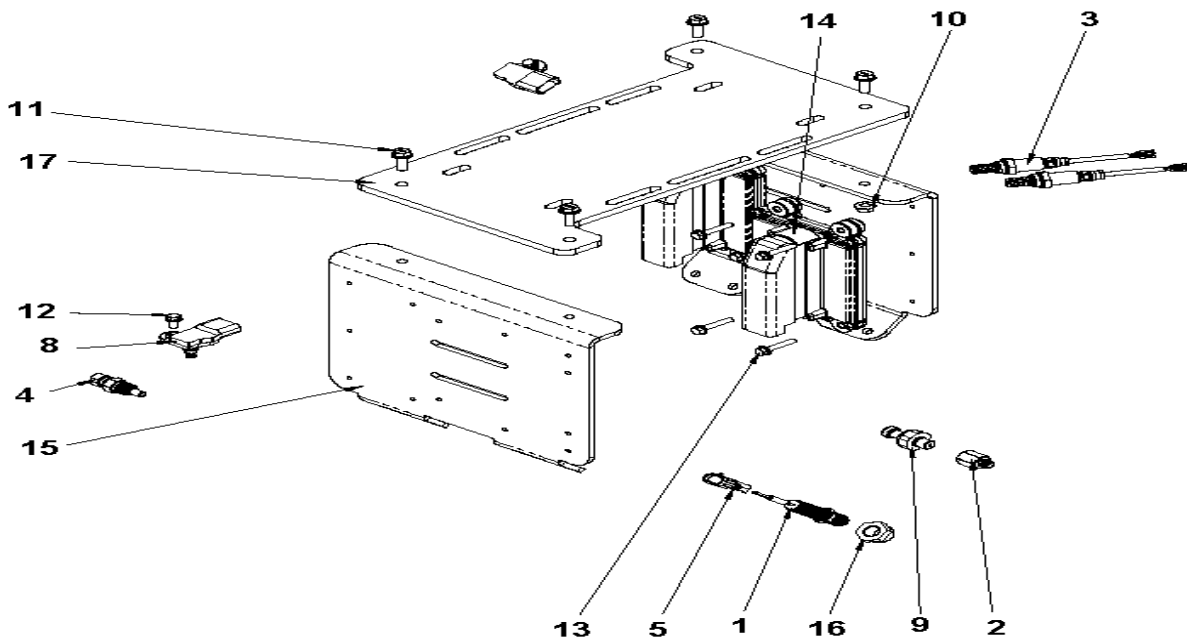


58010701

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	33500916	AIR FILTER BASE	2	^	
2	33500771	BASE TOP	2	%	
3	33500772	FILTER ELEMENT (UL)	2	@	
4	35000498	BOLT	8	\$	
NO IMAGE	32501131	FITTING	2	%	



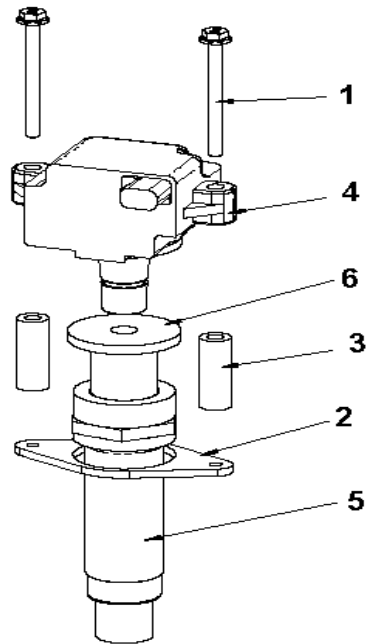
ELECTRICAL - 14L



58030309

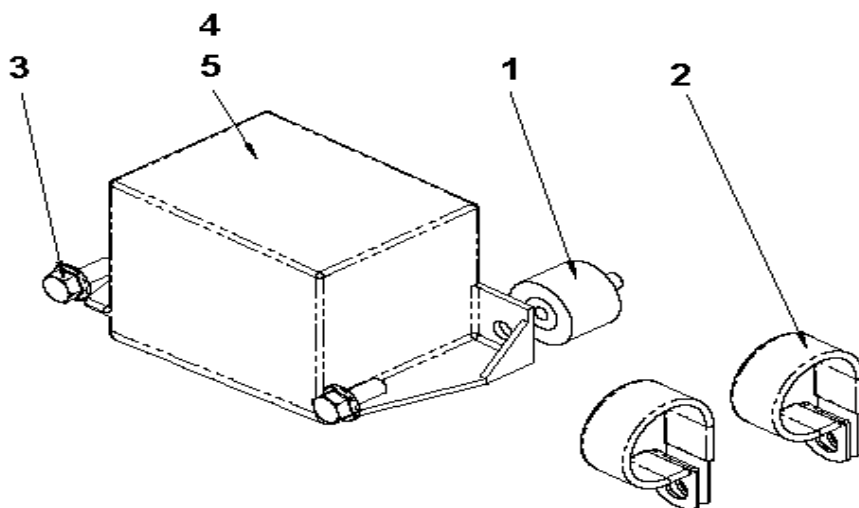
IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	12500302	CAM SENSOR	1	@	
2	32501149	FITTING	1	%	
3	32501267	02 SENSOR	4	@	IN KIT 3,4,5 SHIP LOOSE ITEM
4	33000376	COOLANT SENSOR	1	@	IN FRONT OF BLOCK
5	33000497	CONNECTOR	1	%	
6	33000498	TERMINAL	2	^	
7	33000499	SEAL	2	&	
8	33000841	TMAP SENSOR	4	@	IN THROTTLE BODY & CAC PIPES
9	33000945	OIL PRESSURE SEN- SOR	1	@	IN OIL FILTER HSG
10	35000021	NUT	4	&	
11	35000452	BOLT	4	^	
12	35000498	BOLT	4	%	
13	35000531	BOLT	8	\$	
14	58901002	ECU MASTER	1	#	PROGRAMMED - STANDBY
14	58901003	ECU SLAVE	1	&	PROGRAMMED - STANDBY
14	58901211	ECU MASTER	1	@	PROGRAMMED- PRIME
14	58901212	ECU SLAVE	1	@	PROGRAMMED- PRIME
15	52500073	MOUNT	2	%	
16	52500022	FITTING	1	^	
17	52500055	BRACKET	1	^	

IGNITION COIL - 14L



58030306

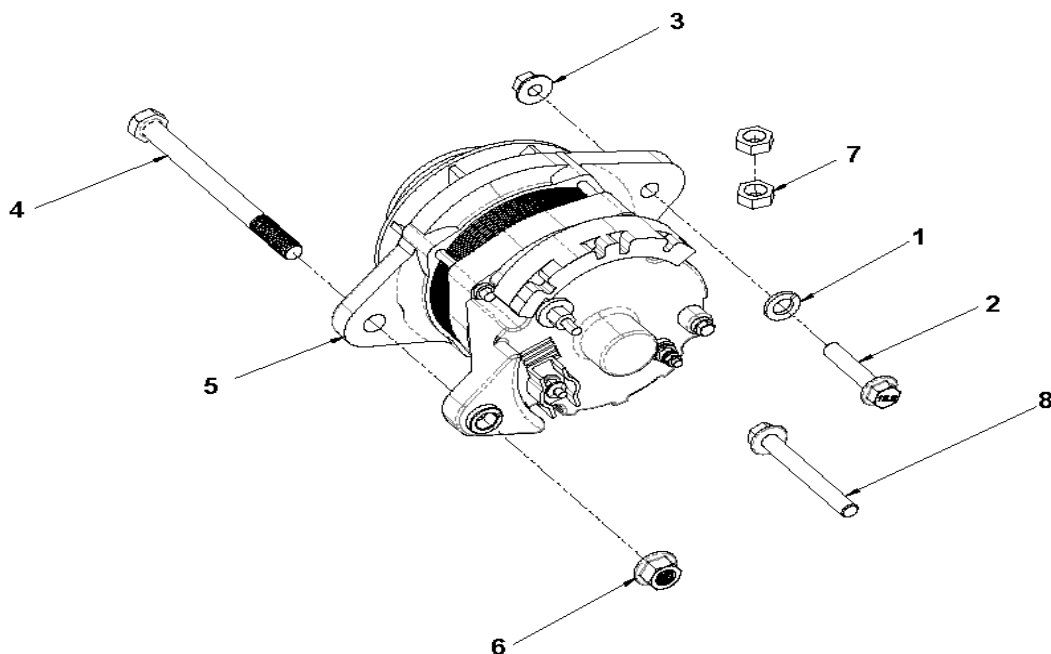
IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	35000685	BOLT	16	%	
2	53000002	FLANGE	8	^	
3	53000003	SPACER	16	&	
4	53000004	IGNITION COIL	8	@	PART OF 53000041
5	53000006	MOUNT	8	%	
6	53000008	BOOT	8	@	IN KIT 3 PART OF 53000041
				^	
NO IMAGE	53000041	COIL AND BOOT ASSY	8	%	IN KIT 4,5 INCLUDES 4, 6
				\$	

HARNESS - 14L


58030307 / 308

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	32500899	ISOLATOR	2	%	
2	32501609	CLAMP	2	%	
3	35000498	BOLT	2	^	
4	52500099	MASTER HARNESS	1	&	
5	52500100	SLAVE HARNESS	1	\$	
NO IMAGE	52500025	IGNITION HARNESS RH	1	^	
NO IMAGE	52500081	IGNITION HARNESS LH	1	\$	
HARNESS PARTS	PART NUMBER	DESCRIPTION	(QTY)		NOTES
	107095	24V RELAY—RECTANGLE	1	^	
	107096	24V RELAY—SQUARE	1	&	
	46243	50 AMP MAXI FUSE	1	%	
	46253	5 AMP MINI FUSE	2	\$	
	46257	20 AMP MINI FUSE	2	%	
	46240	20 AMP MAXI FUSE	1	^	
MISC PARTS	PART NUMBER	DESCRIPTION	(QTY)		NOTES
	101554	DIAGNOISTIC ECOM CABLE	1	@	AVAILABLE FOR SALE

ALTERNATOR - 14L

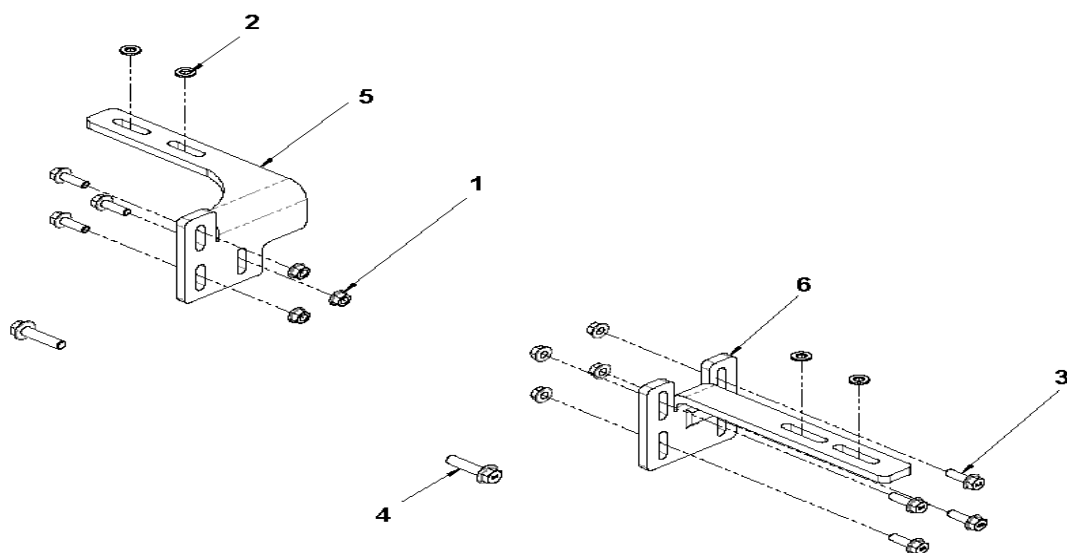


58040303

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	35000079	WASHER	1	^	
2	35000436	BOLT	1	%	
3	35000548	NUT	1	\$	
4	35000690	BOLT	1	%	
5	53000017	ALTERNATOR	1	@	
6	55000010	NUT	1	\$	
7	55000014	NUT	2	%	
8	55000016	BOLT	1	^	

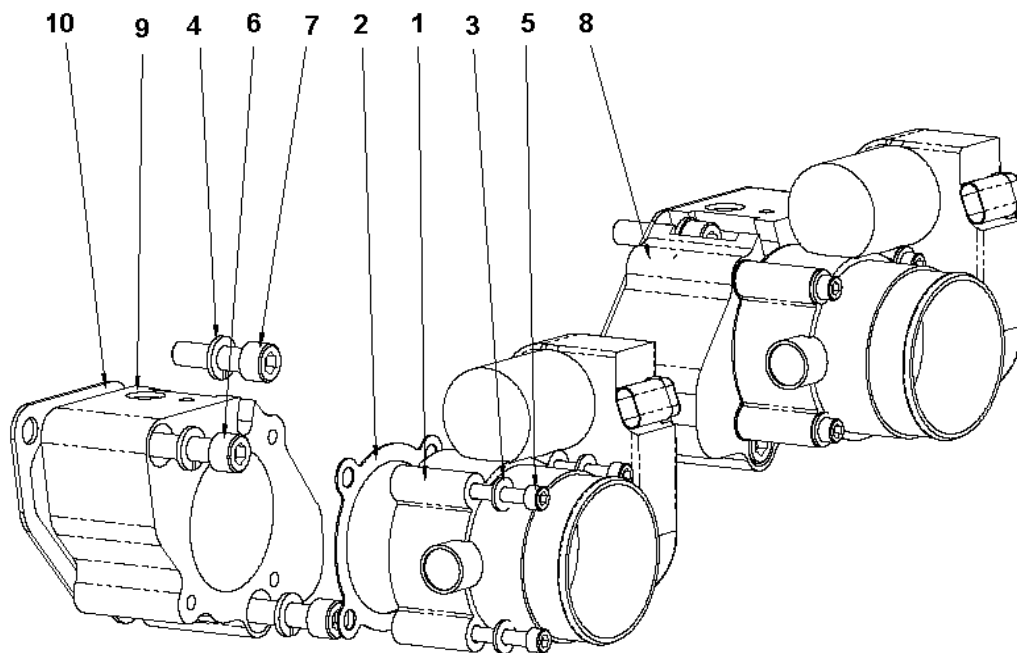


FUEL SYSTEM MOUNT - 14L



58030406

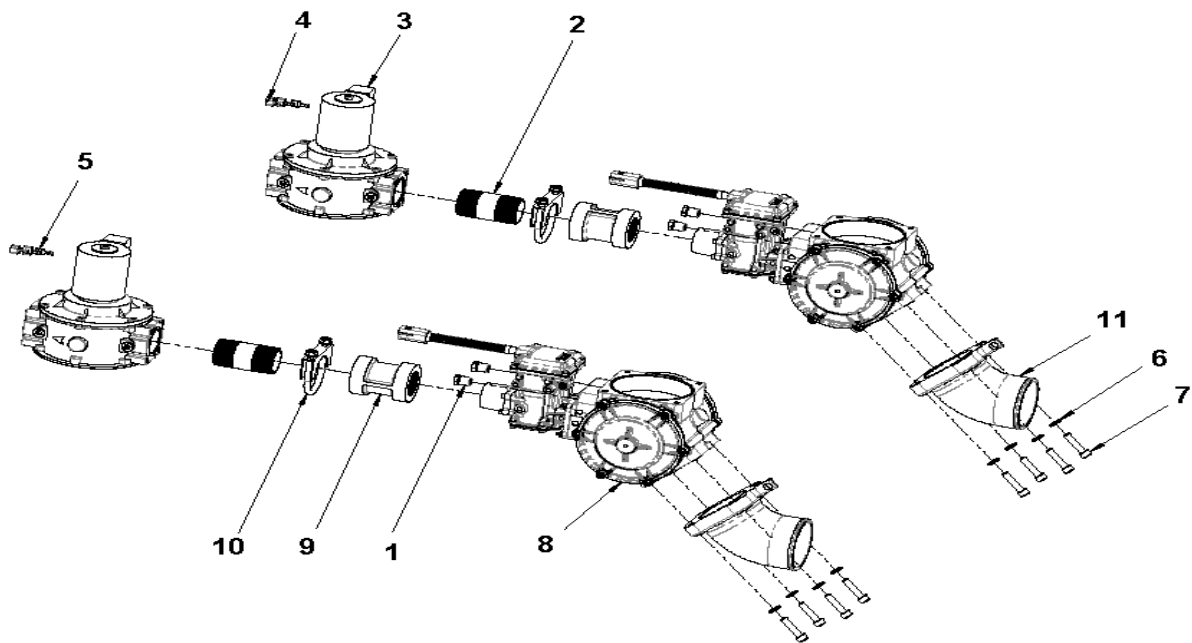
IMAGE	PART NUMBER	DESCRIPTION	QTY	NOTES
1	35000021	NUT	7	
2	35000426	WASHER	4	
3	35000452	BOLT	7	
4	35000707	BOLT	2	
5	53500071	BRACKET (LHS)	1	
6	53500072	BRACKET (RHS)	1	

FUEL SYSTEM - 14L


58030800

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	32500662	THROTTLE BODY	2	@	IN KIT 3,4,5
2	32500715	GASKET	2	@	IN KIT A ,3,4
3	32501417	WASHER	8	^	
4	35000048	WASHER	6	&	
5	35000335	SCREW	8	\$	
6	35000492	BOLT	4	%	
7	35000493	BOLT	2	^	
8	52500019	PLATE	1	&	
9	52500020	PLATE	1	%	
10	610993	GASKET	2	@	IN KIT A

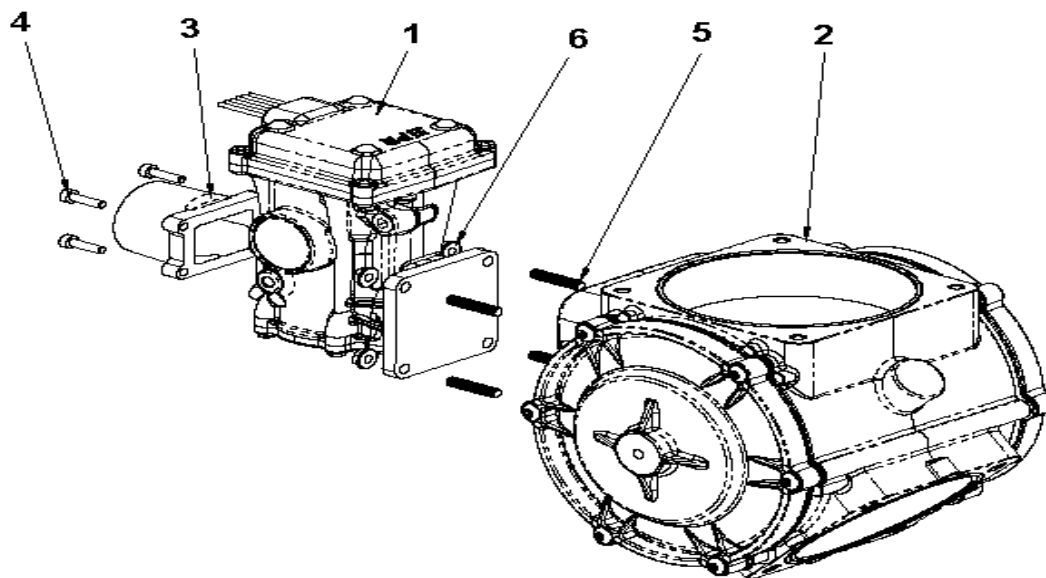
FUEL SYSTEM - 14L



58030405

IMAGE	PART NUMBER	DESCRIPTION	QTY	NOTES
1	32500233	PLUG	4	
2	32501750	NIPPLE	2	
3	32502219	LOCK OFF	2	
4	33001072	TERMINAL	4	
5	33001073	TERMINAL	2	
6	35000361	LOCK WASHER	8	
7	35000405	BOLT	8	
8	38080463	EPR / MIXER KIT	2	SEE EPR / MIXER
9	52500006	COUPLER	2	
10	52500065	U-BOLT	2	
11	53500066	ADAPTER	2	

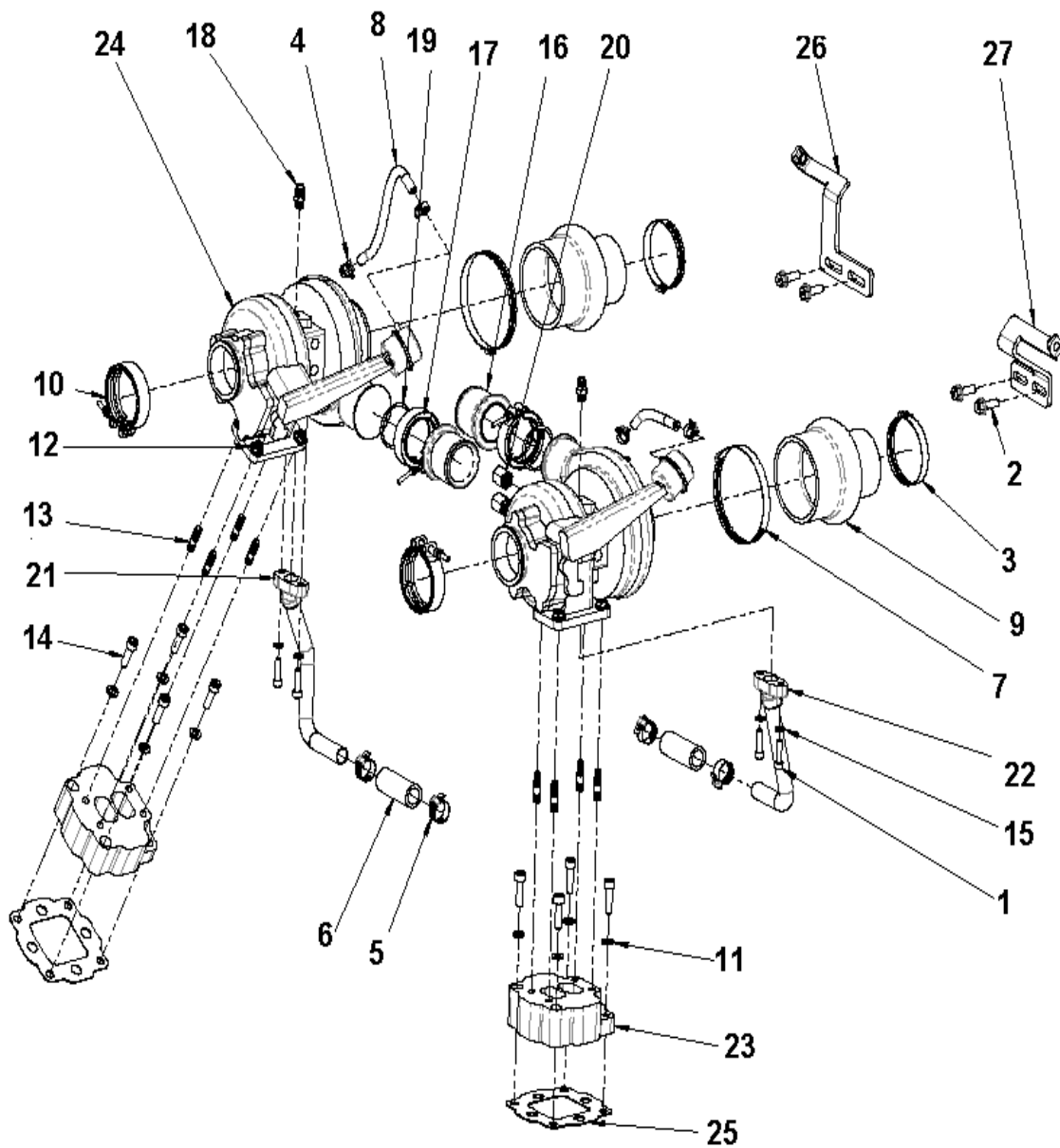
EPR / MIXER - 14L



38080463

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	32501671	EPR	1	@	
2	32501690	MIXER	1	@	
3	32501779	ADAPTER	1	@	
4	35000674	BOLT	4	%	
5	35000680	STUD	4	^	
6	35000681	NUT	4	\$	

TURBOCHARGER - 14L



58030807

**TURBOCHARGER - 14L**

58030807

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	15000400	BOLT	4	%	
2	15000407	BOLT	4	%	
3	32000138	HOSE CLAMP	2	^	
4	32500208	CLAMP	4	&	
5	32500318	HOSE CLAMP	4	\$	
6	32500595	DRAIN HOSE	8 IN	%	
7	32500622	CLAMP	2	%	
8	32500623	HOSE	12 IN	%	
9	33500184	REDUCER HOSE	2	^	
10	33500283	CLAMP	2	&	
11	35000046	WASHER	8	\$	
12	35000196	NUT	8	%	
13	35000302	STUD	8	%	
14	35000493	BOLT	8	%	
15	35000509	WASHER	4	^	
16	52000061	EXTENSION TUBE	2	&	
17	52500052	CLAMP	2	\$	
18	52500068	FITTING	2	%	
19	52500073	O-RING	2	%	
20	52500085	CAP	4	%	
21	53500005	TUBE	1	^	
22	53500006	TUBE	1	&	
23	53500013	ADAPTER	2	\$	
24	53500014	TURBOCHARGER	2	@	
25	53500035	GASKET	2	@	IN KIT A
27	53500067	BRACKET	1	%	
27	53500068	BRACKET	1	%	
NO IMAGE	107195	TURBO GASKET KIT	1	@	



CAT MUFFLER 14L

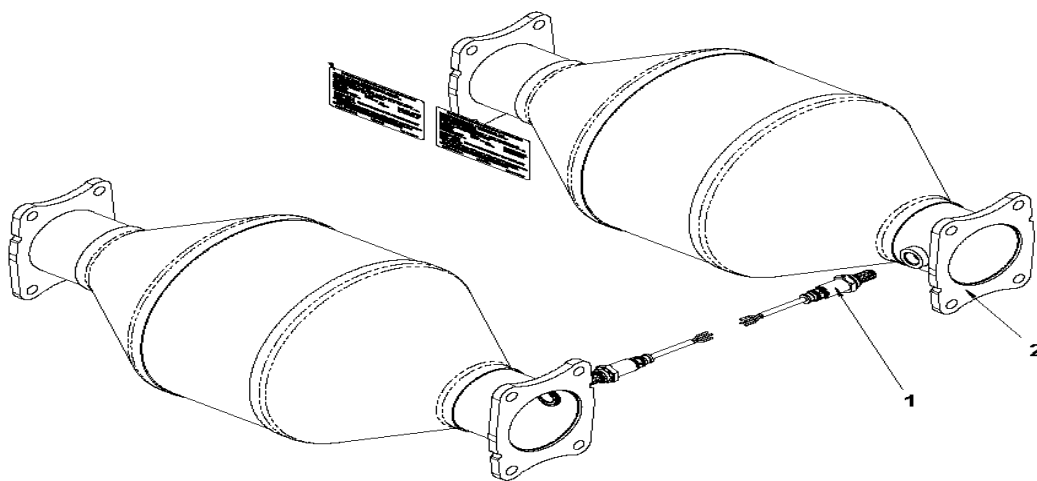
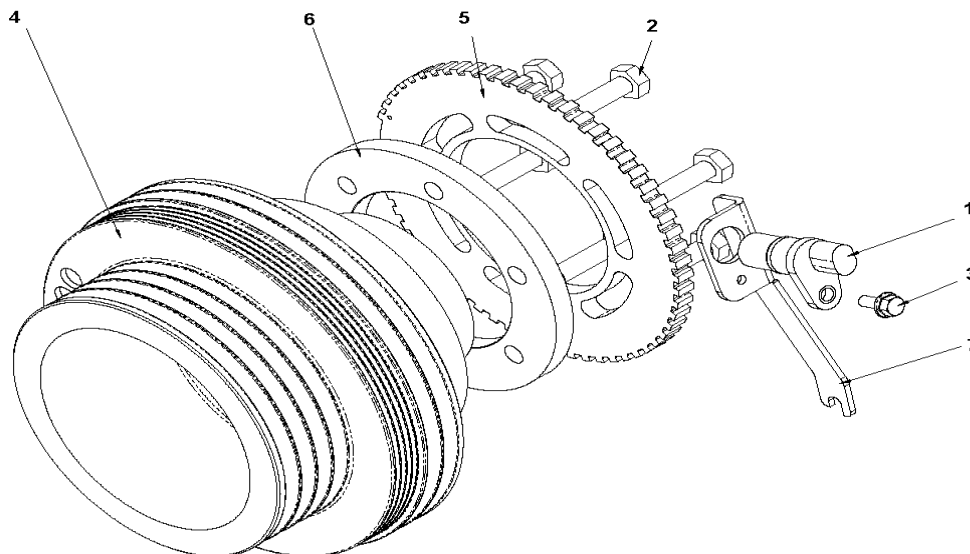


IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	32501267	O2 SENSOR	2	@	
2	38900642	CATALYST	2	@	
NO IMAGE	33500805	CATALYST GASKET	4	@	IN KIT A

FRONT DRIVE - 14L


58030613

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	32500930	SPEED TIMING WHEEL SENSOR	1	@	
2	35000151	BOLT	6	%	
3	35000498	BOLT	1	^	
4	50100018	CRANKSHAFT PULLEY	1	^	
5	52500135	CRANK SPEED INDICATOR	1	&	OLD# 50100019
6	50100020	SPACER	1	\$	
7	50100021	BRACKET	1	%	
NO IMAGE	53000021	BELT (CRANK / WATERPUMP)	1	\$	
NO IMAGE	53000039	BELT (FAN)	4	@	

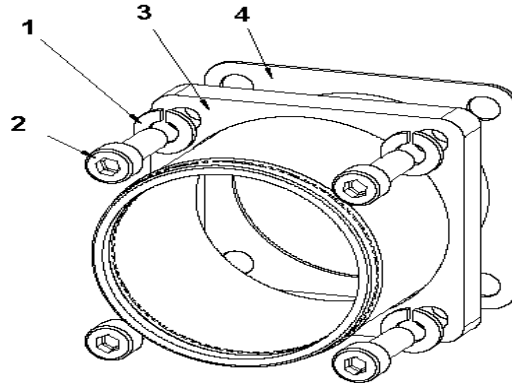
RACCOR KIT - 14L

NO IMAGE AVAILABLE

58030806

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	12000469	HOSE	16"	\$	
2	15000268	BOLT	2	\$	
3	32000148	CLAMP	4	%	
4	32000626	CLAMP	2	^	
5	32500135	HOSE, PCV	62"	%	
6	32501131	FITTING	1	&	
7	32501134	CLAMP	4	\$	
8	32501182	FITTING	1	\$	
9	32501647	HOSE	34"	%	
10	35000021	NUT	4	^	
11	35000697	BOLT	4	%	
12	52500069	BUSHING	1	&	
13	52500122	NIPPLE	1	\$	
14	52500123	ELBOW	1	\$	
15	52500124	ADAPTER	1	%	
16	52500125	TEE	2	^	
17	52500126	BUSHING	1	%	
18	53500061	CANISTER	1	&	
19	53500063	BRACKET	4	%	
NO IMAGE	107127	FILTER - REPLACEMENT	1	@	IN KIT 3,4,5

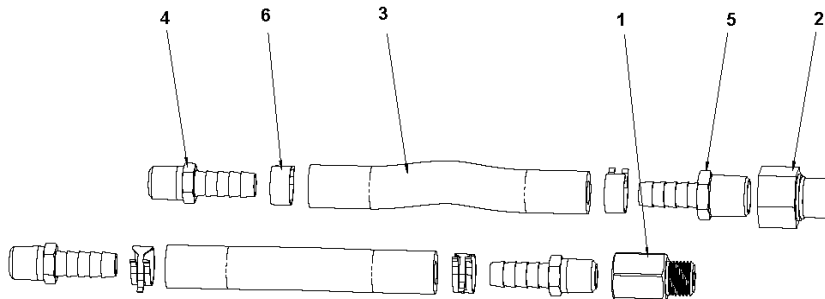
WATER INLET - 14L



58030601

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	35000361	WASHER	4	%	
2	35000625	BOLT	4	^	
3	52000010	CONNECTION	1	%	
4	611214	GASKET	1	@	IN KIT A

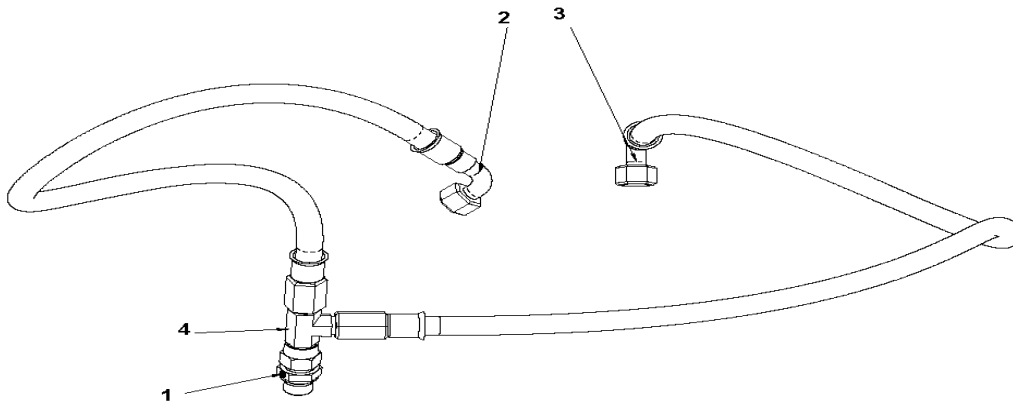
AIR BLEED LINE - 14L



58030606

IMAGE	PART NUMBER	DESCRIPTION	QTY	NOTES
1	12700391	FITTING	1	
2	13000398	FITTING	1	
3	32000254	HOSE	192"	
4	32500520	FITTING	3	
5	32500733	FITTING	1	
6	32501134	CLAMP	4	

OIL SUPPLY HOSES - 14L

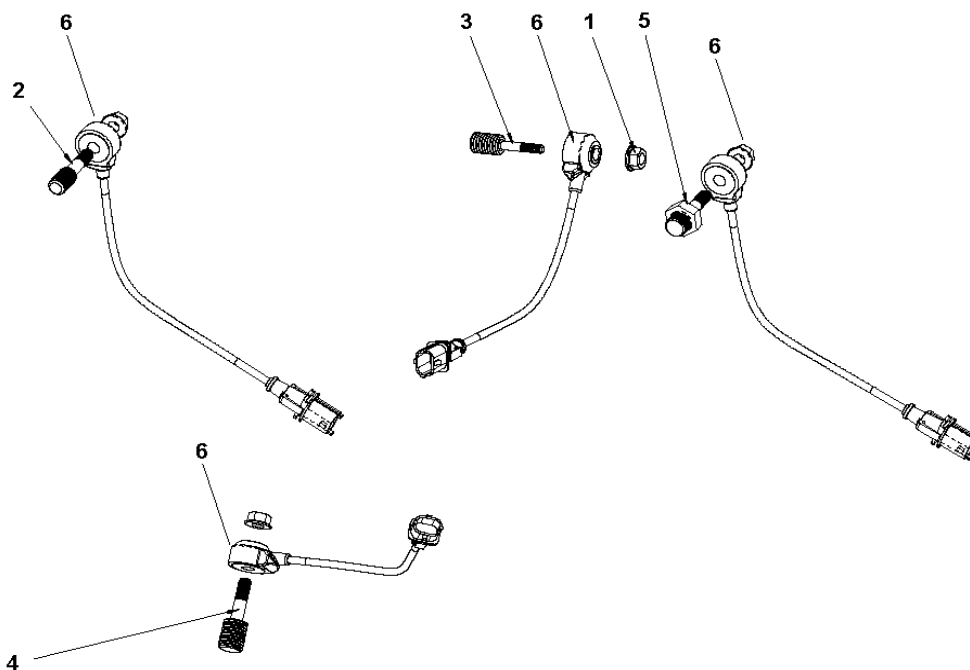


58030802

IMAGE	PART NUMBER	DESCRIPTION	QTY	NOTES
1	32500597	FITTING	1	
2	53500007	HOSE	1	
3	53500008	HOSE	1	
4	53500021	T-SWIVEL	1	



KNOCK SENSOR 14L



58030304

IMAGE	PART NUMBER	DESCRIPTION	QTY		NOTES
1	35000021	NUT	4	#	
2	52500075	STUD	1	\$	
3	52500076	STUD	1	\$	
4	52500077	STUD	1	%	
5	52500078	STUD	1	^	
6	53000011	SENSOR	4	@	