



**POWER SOLUTIONS
INTERNATIONAL**

11.1L ENGINE PARTS BOOK

Engine Model: NGE 11.1L
Engine Family: PSI, HEAVY-DUTY
Engine Spec N.:
Parts Bok Revision: APRIL, 2017



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11L PM AND SERVICE KITS

PM KIT #	PART NUMBER	DESCRIPTION	QTY	NOTES
1	661011	STANDARD PM KIT	1	
2	661012	STANDARD PM KIT WITH SPARK PLUGS	1	
3	661013	PM KIT-GENERAL	1	
4	661032	PM KIT-TOP END	1	
5	661033	PM KIT-OVERHAUL	1	

SVC KIT #	PART NUMBER	DESCRIPTION	QTY	NOTES
A	600012	COMPLETE GASKET KIT	1	PER ENG.
B	660007	LINER KIT	1	PER CYL.
C	660006	TOP GASKET KIT	1	PER ENG.
D	660005	CYLINDER HEAD KIT	2	PER HEAD

PM KIT 1 STANDARD 661011

PM KIT #	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610882	OIL FILTER	1	
1	610790	VALVE COVER GASKET	1	

PM KIT 2 STANDARD WITH SPARK PLUGS 661012

PM KIT #	PART NUMBER	DESCRIPTION	QTY	NOTES
2	610882	OIL FILTER	1	
2	610790	VALVE COVER GASKET	1	
2	610344	SPARK PLUGS	6	

PM KIT 3 GENERAL 661013

PM KIT #	PART NUMBER	DESCRIPTION	QTY	NOTES
3	610882	OIL FILTER	1	
3	610344	SPARK PLUGS	6	
3	611023	IGNITION COIL WITH BOOTS	6	
3	32500662	THROTTLE BODY	1	
3	32500715	THROTTLE BODY GASKET	1	
3	53000019	BELT	2	
3	610060	CCV FILTER	1	
3	610790	VALVE COVER GASKET	1	
3	32501267	O2 SENSOR	1	

PM KIT 4 TOP END 661032

PM KIT #	PART NUMBER	DESCRIPTION	QTY	NOTES
4	610882	OIL FILTER	1	
4	610344	SPARK PLUGS	6	
4	611024	IGNITION COIL WITH BOOTS	6	
4	32500662	THROTTLE BODY	1	
4	32500715	THROTTLE BODY GASKET	1	
4	53000019	BELT	2	
4	610060	CCV FILTER	1	
4	610963	EXHAUST FLANGE GASKET	1	
4	32501267	O2 SENSOR	1	
4	610942	WATER PUMP	1	
4	610959	WATER PUMP GASKET	1	
4	612500	THERMOSTAT	2	181F 83C
4	610262	THERMOSTAT GASKET	2	
4	610261	THERMOSTAT O-RING	2	
4	610477	THERMOSTAT O-RING	1	
4	660005	CYLINDER HEAD KIT	2	
4	660006	TOP END KIT	1	

ADDITIONAL PARTS SOLD SEPERATELY

PAGE #	PART NUMBER	DESCRIPTION	QTY	NOTES
49	53000017	ALTERNATOR	1	
57	58020810	TURBOCHARGER	1	
53	38080463	EPR AND MIXER KIT	1	
47	33500774	AIR FILTER	1	

PM KIT 5 OVERHAUL 661033

PM KIT #	PART NUMBER	DESCRIPTION	QTY	NOTES
5	610882	OIL FILTER	1	
5	610344	SPARK PLUGS	6	
5	611024	IGNITION COIL WITH BOOTS	6	
5	32500662	THROTTLE BODY	1	
5	53000019	BELT	2	
5	610060	CCV FILTER	1	
5	610963	EXHAUST FLANGE GASKET	1	
5	32501267	O2 SENSOR	1	
5	610942	WATER PUMP	1	
5	612500	THERMOSTAT	2	181F 83C
5	610852	OIL PUMP	1	
5	660007	LINER KIT	6	
5	600012	COMPLETE GASKET KIT	1	
5	660005	CYLINDER HEAD KIT	2	

ADDITIONAL PARTS SOLD SEPERATELY

PAGE #	PART NUMBER	DESCRIPTION	QTY	NOTES
49	53000017	ALTERNATOR	1	
57	58020810	TURBOCHARGER	1	
53	38080463	EPR AND MIXER KIT	1	
25	610521	OIL COOLER	1	
47	33500774	AIR FILTER	1	



SVC KIT A COMPLETE GASKET 600012

SVC KIT #	PART NUMBER	DESCRIPTION	QTY	NOTES
A	611134	GASKET	1	
A	610717	GASKET	1	
A	610716	TIMING GEAR CASE COVER	1	
A	610035	OIL SEAL	1	
A	610720	FLYWHEEL HOUSING COVER GASKET	1	
A	610707	OIL SEAL	1	
A	610786	CYLINDER HEAD GASKET	1	
A	610787	CYLINDER HEAD GASKET	1	
A	610790	VALVE COVER GASKET	1	
A	610119	GASKET (BOLT)	6	
A	610061	BREATHER ASSEMBLY O-RING	1	
A	611128	O-RING	2	
A	610531	OIL COOLER FLANGE GASKET	2	
A	611168	WATER CHAMBER COVER GASKET	1	
A	610916	OIL RETURN PIPE GASKET	2	
A	610228	OIL PIPE FLANGE GASKET	1	
A	611182	OIL PAN GASKET	1	
A	611181	GASKET	1	
A	612231	COOLING WATER PIPE GASKET	2	
A	610962	COOLING WATER PIPE GASKET	1	
A	610963	THERMOSTAT HOUSING GASKET	1	
A	610555	GASKET	1	
A	610916	OIL RETURN PIPE GASKET	1	
A	610262	THERMOSTAT GASKET	2	
A	610261	O-RING	2	
A	610477	O-RING	1	
A	610959	WATER PUMP GASKET	1	
A	611129	O-RING	1	
A	610989	GASKET	6	
A	610990	INTAKE MANIFOLD GASKET	1	
A	610991	INTAKE MANIFOLD GASKET	1	
A	611009	GASKET	1	
A	611030	POWER STEERING PUMP GASKET	1	
A	611032	AIR COMPRESSOR GASKET	1	
A	53500028	GASKET	1	
A	32500715	THROTTLE BODY GASKET	1	
A	52500038	GASKET	1	
A	53500032	GASKET	1	
A	106613	OIL DRAIN GASKET	1	
A	106614	TURBO EXHAUST GASKET	1	
A	33500805	CATALYST MUFFLER GASKET	1	

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SVC KIT B LINER (PER CYLINDER) 660007

SVC KIT #	PART NUMBER	DESCRIPTION	QTY	NOTES
B	610690	CYLINDER LINER	1	
B	610748	CONNECTING ROD BEARING	1	
B	610750	PISTON	1	
B	610761	TOP RING	1	
B	610759	2ND RING	1	
B	610762	OIL RING	1	
B	610756	PISTON PIN	1	
B	610467	SNAP RING	2	

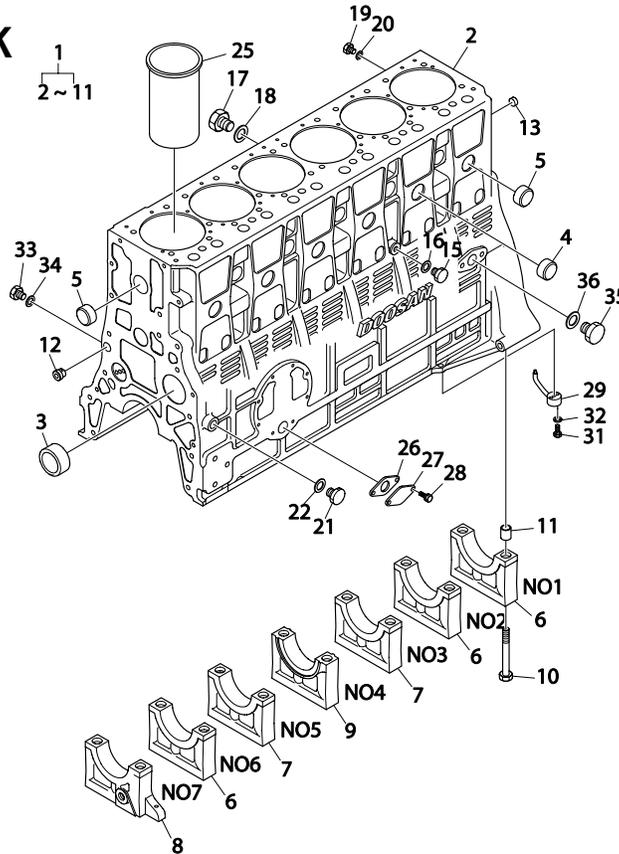
SVC KIT C TOP GASKET (PER ENGINE) 660006

SVC KIT #	PART NUMBER	DESCRIPTION	QTY	NOTES
C	610786	CYLINDER HEAD GASKET	1	
C	610787	CYLINDER HEAD GASKET	1	
C	610790	VALVE COVER GASKET	1	
C	610990	INTAKE MANIFOLD GASKET	1	
C	610989	EXHAUST MANIFOLD GASKET	6	
C	612231	WATER CROSSOVER GASKET	2	
C	610119	GASKET (BOLT)	6	

SVC KIT D CYLINDER HEAD (PER HEAD) 660005

SVC KIT #	PART NUMBER	DESCRIPTION	QTY	NOTES
D	610778	VALVE SEAT	3	
D	610774	VALVE SEAT	3	
D	612123	VALVE GUIDE	3	
D	612148	INTAKE VALVE	3	
D	610792	EXHAUST VALVE	6	
D	610806	EXHAUST VALVE SPRING ASSEMBLY	3	
D	610803	INTAKE VALVE SPRING ASSEMBLY	3	
D	610812	RETAINER	6	
D	611089	WASHER	6	
D	610814	COTTER	12	
D	610850	VALVE STEM SEAL	6	

CYLINDER BLOCK



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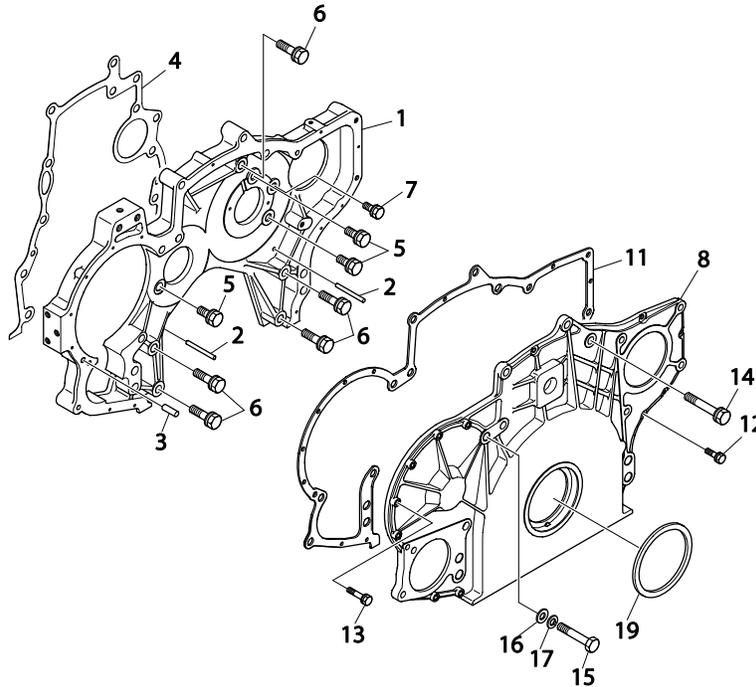
POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	NSS	CYLINDER BLOCK ASSEMBLY	1	
2	NSS	CYLINDER BLOCK	1	
3	610839	BUSHING, CAMSHAFT	4	
4	610065	PIN, DOWELL	6	
5	610000	PLUG, CORE	16	
6	NSS	BEARING CAP 1	3	
7	NSS	BEARING CAP 3	2	
8	NSS	BEARING CAP 7	1	
9	NSS	BEARING CAP 4	1	
10	611040	BOLT, BEARING CAP	14	
11	611112	PIN, LOCATING	14	
12	610709	NOZZLE, OILSPRAY	1	
13	610004	PLUG, CORE	1	
15	611079	PLUG SCREW	1	
16	610019	SEAL, RING	1	
	NSS =	NOT SOLD SEPERATELY		

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CYLINDER BLOCK CONT.

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
17	611075	PLUG, SCREW	1	
18	610201	SEAL, RING	1	
19	610022	PLUG, SCREW	1	
20	610481	SEAL, RING	1	
21	611074	PLUG, SCREW	1	
22	610245	SEAL, RING	1	
25	610690	LINER, CYLINDER	6	IN KIT B
26	611134	GASKET	1	IN KIT A
27	611105	COVER, BLIND	1	
28	610062	BOLT	2	
29	610712	NOZZLE, OILSPRAY	6	
31	611034	BOLT, HEX	12	
32	610449	WASHER, SPRING	12	
33	610266	PLUG, SCREW	1	
34	610267	SEAL, RING	1	
35	611076	PLUG, SCREW	1	
36	610194	SEAL, RING	1	

TIMING GEAR CASE

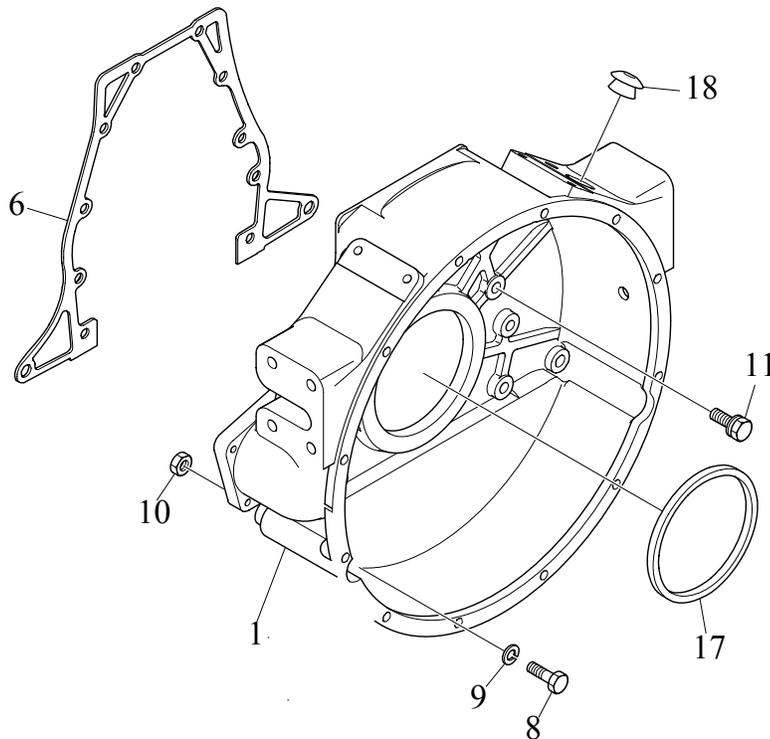


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POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610692	CASE, T/GEAR	1	
2	611096	PIN, DOWELL	2	
3	610459	PIN, DOWELL	1	
4	610717	GASKET	1	IN KIT A
5	610027	BOLT	3	
6	610053	BOLT	5	
7	610326	BOLT	1	
8	610694	COVER, T/G CASE	1	
11	610716	GASKET, T/G CASE	1	IN KIT A
12	610034	BOLT, HEX	6	
13	610403	BOLT	7	
14	610421	BOLT	2	
15	610377	BOLT, HEX	3	
16	610525	WASHER, SPRING	3	
17	610047	WASHER, SPRING	3	
19	610035	SEAL, OIL (FRONT)	1	IN KIT A

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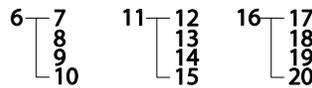
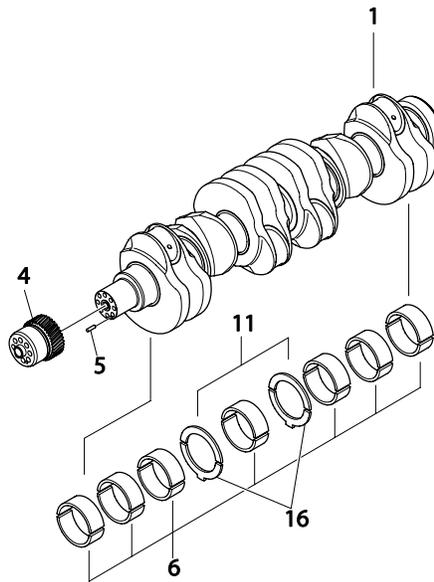
FLYWHEEL HOUSING



ZBOM11L-1002

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	612849	HOUSING, FLYWHEEL	1	
6	610720	GASKET, F/W COVER	1	IN KIT A
8	610423	BOLT	2	
9	610085	WASHER, SPRING	2	
10	610441	NUT, HEX	2	
11	611037	BOLT	10	
17	610707	SEAL, OIL	1	IN KIT A
18	610045	PLUG, RUMBER	1	
	NSS =	NOT SOLD SEPERATELY		

CRANKSHAFT

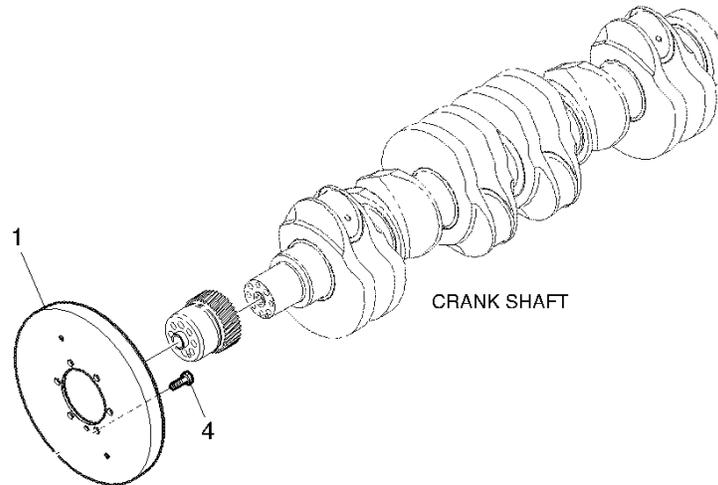


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POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610510	CRANKSHAFT	1	
4	650728	GEAR, CRANKSHAFT	1	
5	610065	PIN, DOWELL	1	
6	610674	BEARING, MAIN (STD)	7	
7	610675	BEARING, MAIN (.25)	7	
8	610676	BEARING, MAIN (.50)	7	
3	610677	BEARING, MAIN (.75)	7	
10	610678	BEARIN,MAIN (1.00)	7	
11	610680	BEARING THRUST (UPPER STD)	2	
12	610682	BEARING, THRUST (UPPER .25)	2	
13	610683	BEARING, THRUST (UPPER .50)	2	
14	610684	BEARING, THRUST (UPPER .75)	2	
15	610685	BEARING, THRUST (UPPER 1.0)	2	
16	610681	WASHER, THRUST (LOWER STD)	2	
17	610686	WASHER, THRUST (LOWER .25)	2	
18	610687	WASHER, THRUST (LOWER .50)	2	
19	610688	WASHER, THRUST (LOWER .75)	2	
20	610689	WASHER, THRUST (LOWER 1.0)	2	

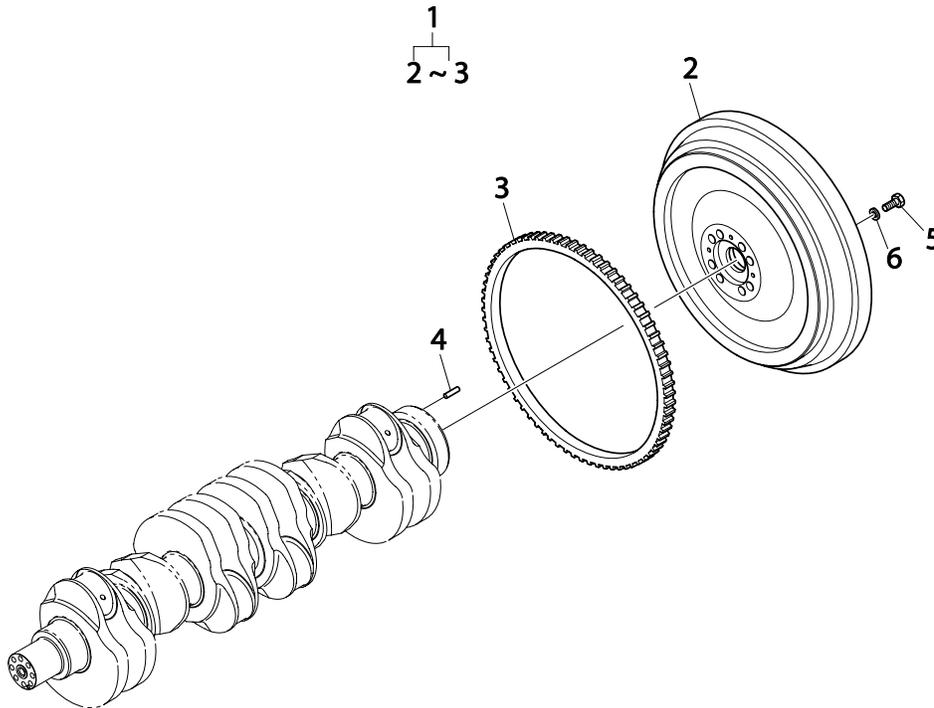
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VIBRATION DAMPER



POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610077	VIBRATION DAMPER	1	
2	610080	BOLT	6	

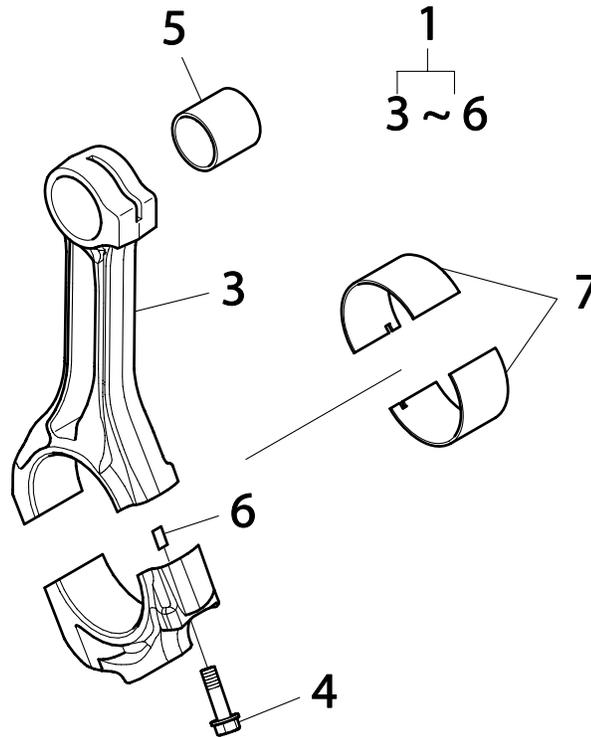
FLYWHEEL



ZBOM11L-1004

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610739	FLYWHEEL (ASSY)	1	
2	NSS	FLYWHEEL	1	PART OF 1
3	610740	GEAR, RING	1	
4	612487	PIN, DOWELL	1	
5	610382	BOLT, HEX	8	
6	610085	WASHER, SPRING	8	
	NSS =	NOT SOLD SEPERATELY		

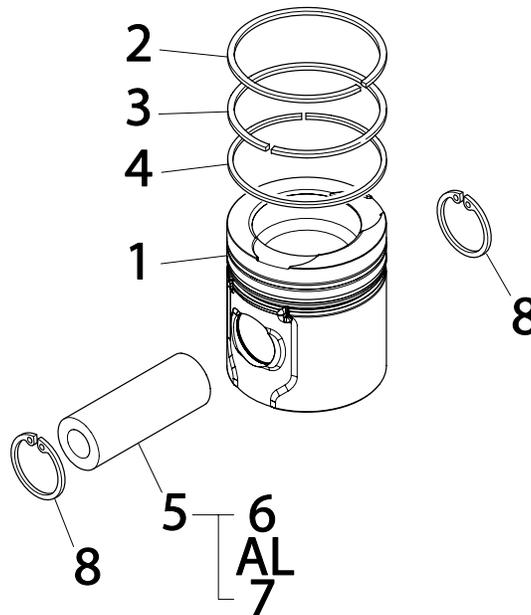
CONNECTING ROD



ZBOM11L-1005

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610744	ROD, CONNECTING (ASSY)	6	
3	NSS	CONNECTING ROD	1	PART OF 1
4	611039	BOLT, C/ROD	2	
5	610745	BUSHING, C/ROD	1	
6	610089	PIN, DOWEL	2	
7	610748	BEARING, C/ROD (STD)	6	IN KIT B
	612105	BEARING, C/ROD (.25)	6	
	612494	BEARING, C/ROD (.50)	6	
	612847	BEARING, C/ROD (.75)	6	
	612848	BEARING, C/ROD (1.0)	6	
	NSS =	NOT SOLD SEPERATELY		

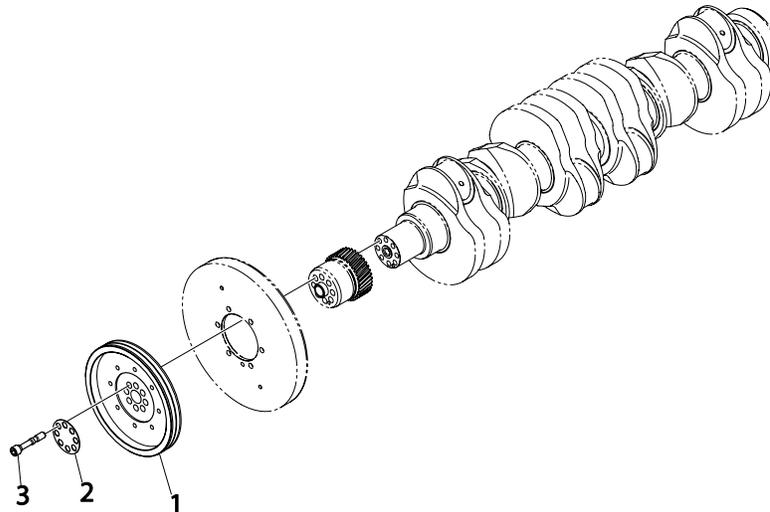
PISTON



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POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610750	PISTON	6	IN KIT B
2	NSS	TOP RING *	6	IN KIT B
3	NSS	2ND RING *	6	IN KIT B
4	NSS	OIL RING *	6	IN KIT B
5	610756	PIN,, PISTON	6	IN KIT B
6	610467	RING, SNAP	12	IN KIT B
*	611171	KIT, PISTON RING (COMPLETE)	1	INCLUDES 2,3,4

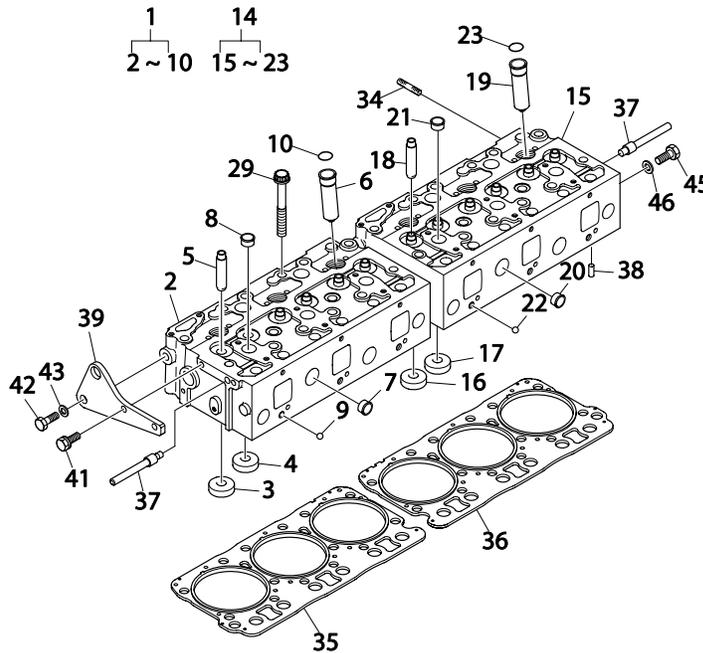
CRANKSHAFT PULLEY



ZBOM11L-1007

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610766	PULLEY, V-BELT	1	
2	610104	WASHER	1	
3	610430	BOLT	8	

CYLINDER HEAD



ZBOM11L-1008

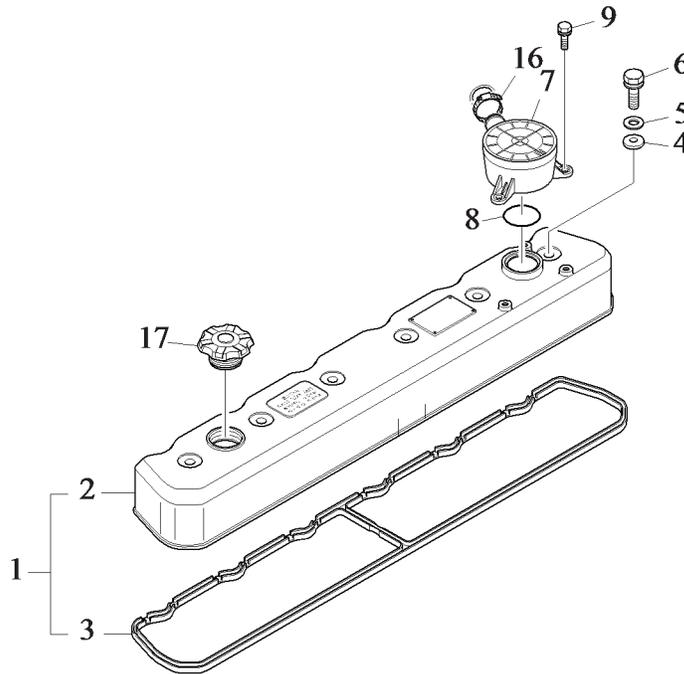
POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	612484	HEAD, CYLINDER (FRONT)	1	
3	610778	SEAT, VALVE	3	IN KIT D
4	610774	SEAT, INT VALVE	3	IN KIT D
5	612123	GUIDE, VALVE	6	IN KIT D
6	610779	TUBE, INJ/NOZZLE	3	
7	611064	PLUG, CORE	2	
8	611063	PLUG, CORE	9	
9	611025	STEEL, BALL	3	
1	611130	O-RING	3	
14	612485	HEAD, CYLINDER (REAR)	1	
16	610778	SEAT, VALVE	3	IN KIT D
17	610774	SEAT, INT VALVE	3	IN KIT D
18	612123	GUIDE, VALVE	6	IN KIT D
19	610779	TUBE, INJ/NOZZLE	3	
20	611064	PLUG, CORE	2	
	NSS =	NOT SOLD SEPERATELY		

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CYLINDER HEAD CONT.

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
21	611063	PLUG, CORE	9	
22	611025	STEEL, BALL	3	
23	611130	O-RING	3	
29	611053	BOLT	28	
34	611035	BOLT, HEX	2	
35	610786	GASKET, CYL HEAD	1	IN KIT A,C
36	610787	GASKET, CYL HEAD	1	IN KIT A,C
37	611203	PLUG, HEAD	2	
38	612489	PIN, DOWELL	4	
39	611027	BRACKER, HANGER	1	
41	610297	BOLT	2	
42	610386	BOLT, HEX	1	
43	610085	WASHER, SPRING	1	
45	610382	BOLT, HEX	1	
46	610085	WASHER, SPRING	1	

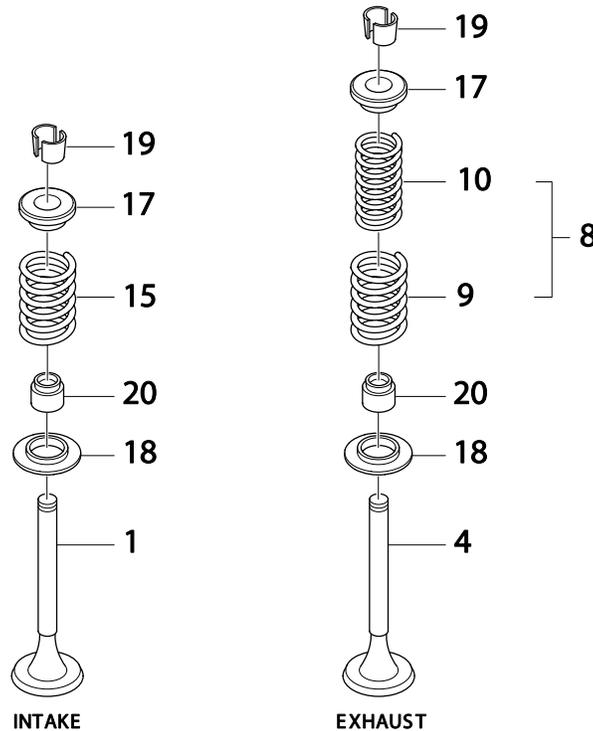
CYLINDER HEAD COVER



ZBOM11L-1009

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	NSS	COVER, CYL HEAD	1	BUY 2 OR 3
2	610784	COVER, CYL HEAD	1	
3	610790	GASKET, V/COVER	1	IN KIT A,C,1,2,3
4	610119	SEAL	6	IN KIT A,C
5	610118	WASHER	6	
6	611043	BOLT	6	
7	610060	BREATHER	1	IN KIT 3,4,5
8	610061	O-RING	1	IN KIT A
9	610062	BOLT	3	
16	610487	CLAMP, HOSE	1	
17	610120	CAP, OIL	1	

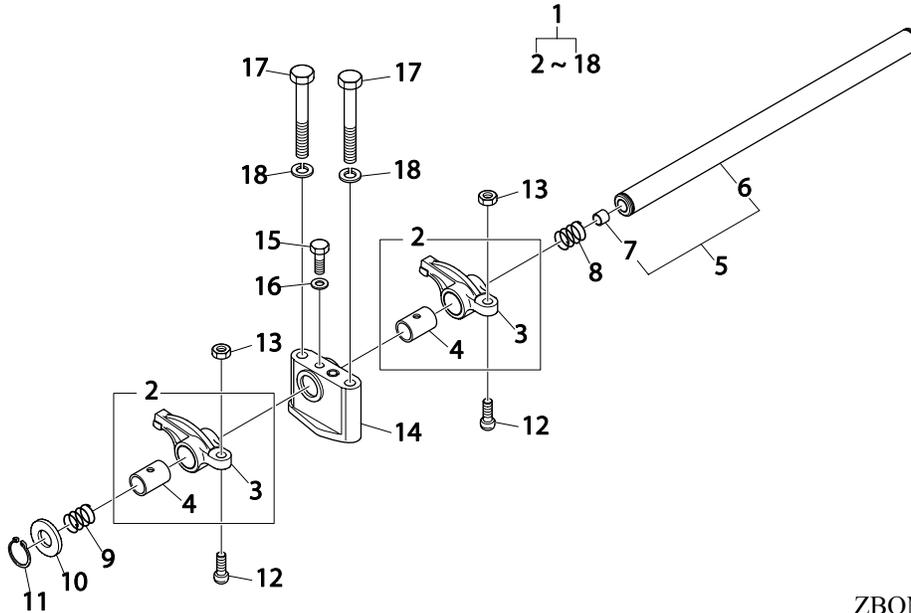
VALVES



ZBOM11L-1010

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	612148	VALVE, INTAKE	6	IN KIT D
4	610792	VALVE, EXHAUST	6	IN KIT D
8	610806	SPRING, EXHAUST VALVE	6	IN KIT D
9	610803	SPRING, VALVE	1	
10	610795	SPRING, EXHAUST VALVE	1	
15	610803	SPRING, VALVE	6	IN KIT D
17	610812	RETAINER, VALVE SPRING	12	IN KIT D
18	611089	WASHER	12	IN KIT D
19	610814	KEEPER	24	IN KIT D
20	610850	SEAL, VALVE STEM	12	IN KIT D

ROCKER ARM

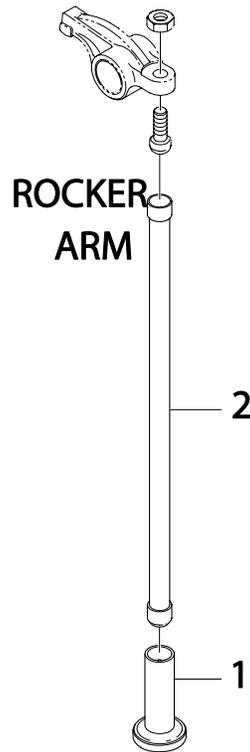


ZBOM11L-1011

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610815	SHAFT, ROCKER ARM (ASSY)	2	
2	610820	ARM, ROCKER (ASSY)	6	
3	NSS	ROCKER ARM	1	PART OF 2
4	NSS	BUSHING	1	PART OF 2
5	610826	SHAFT, ROCKER ARM	1	
6	NSS	SHAFT, ROCKER ARM	1	PART OF 5
7	610139	PLUG, CORE	2	
8	611147	SPRING, COMPRESS	2	
9	611144	SPRING, COMPRESS	2	
10	610142	WASHER	2	
11	610143	RING, SNAP	2	
12	610137	SCREW, ADJUST	6	
13	611083	NUT, HEX	6	
14	610822	BRACKET, ROCKER ARM	3	
15	610220	BOLT	3	
16	610056	WASHER	3	
17	610145	BOLT, HEX	6	
18	610146	WASHER, SPRING	6	
	NSS =	NOT SOLD SEPERATELY		

SPEC N. : 59002002
REV. DATE : 15JUN16

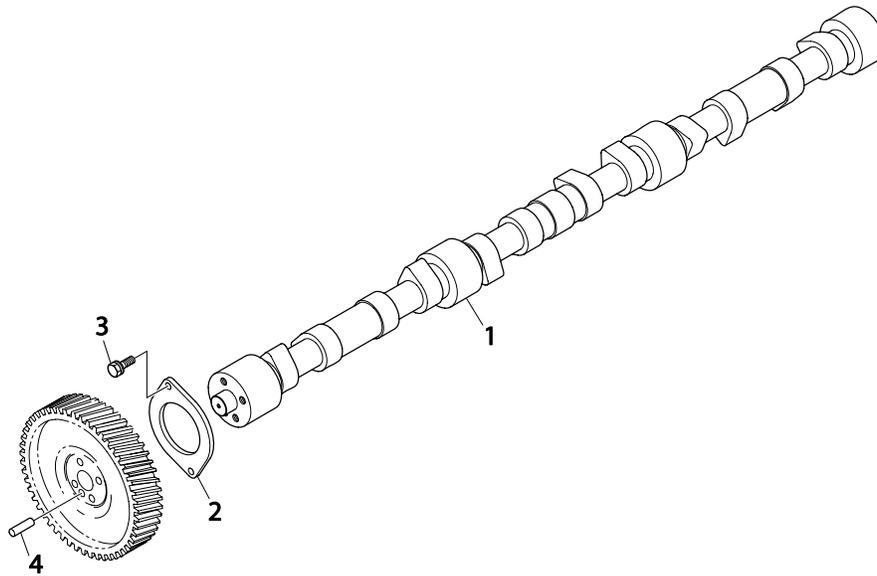
VALVE TAPPET



ZBOM11L-1012

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	612151	TAPPET	12	
2	610831	PUSH ROD	12	

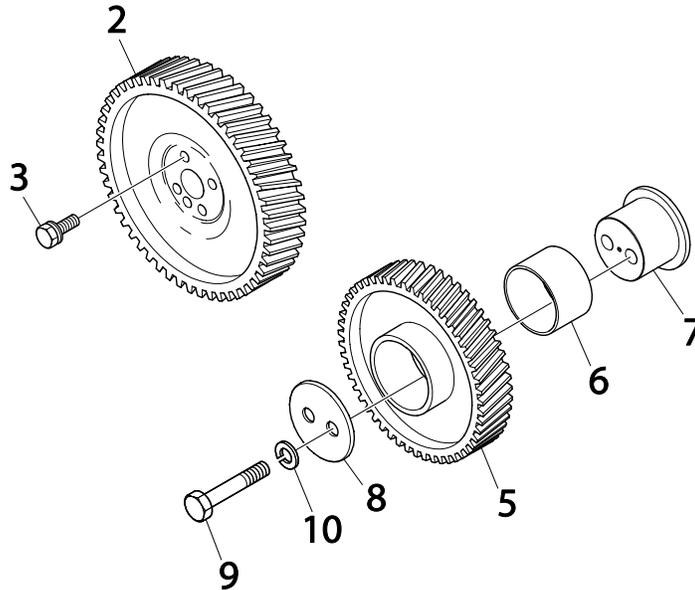
CAMSHAFT



ZBOM11L-1013

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610832	CAMSHAFT	1	
2	610152	FLANGE	1	
3	610153	BOLT	2	
4	610459	PIN	1	

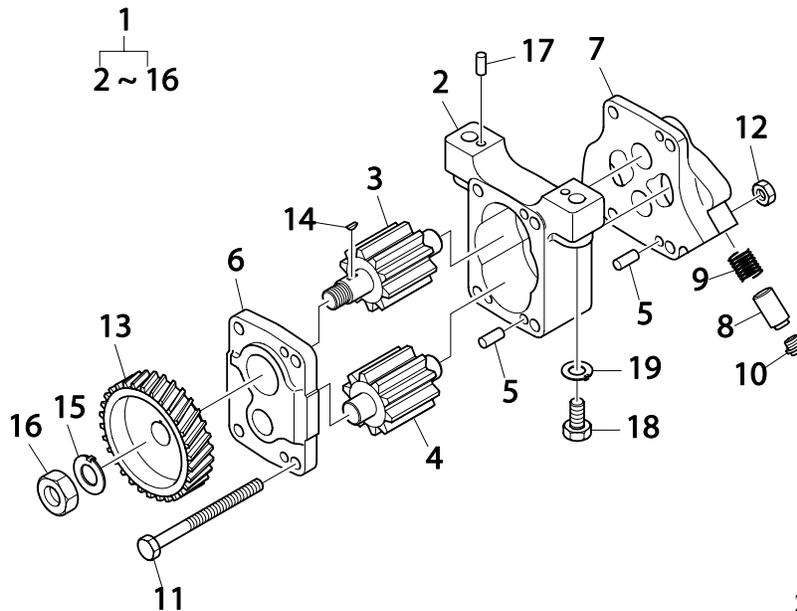
CAMSHAFT DRIVE



ZBOM11L-1014

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
2	610843	GEAR, CAMSHAFT	1	
3	610400	BOLT	4	
5	610846	GEAR, IDLER	1	
6	610849	BUSHING, I/GEAR	1	
7	610848	IDLE GEAR PIN	1	
8	611092	WASHER, THRUST	1	
9	610361	BOLT, HEX	2	
10	610146	WASHER, SPRING	2	

OIL PUMP

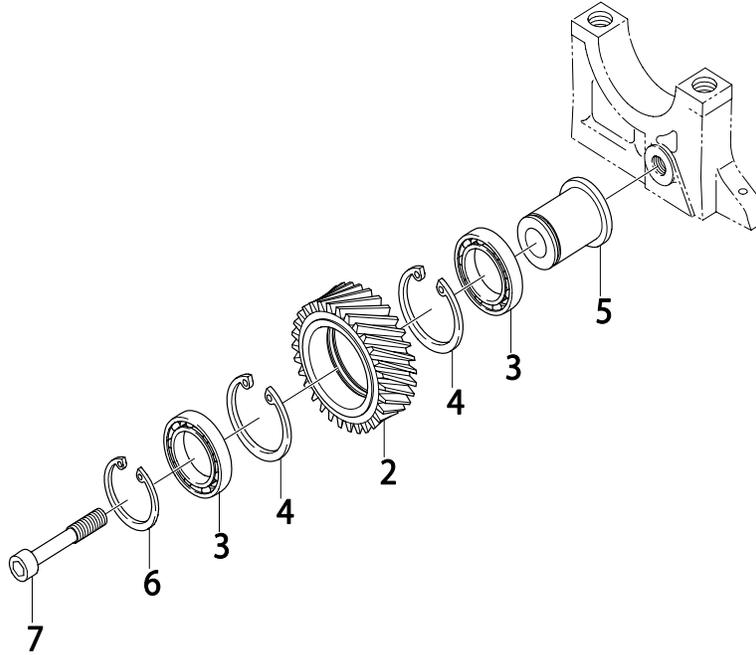


ZBOM11L-1015

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610852	PUMP, OIL	1	IN KIT 5
2	NSS	HOUSING	1	
3	610162	GEAR, OIL PUMP	1	
4	610863	GEAR, OIL PUMP	1	
5	610032	PIN, DOWEL	4	
6	610859	COVER, OIL PUMP	1	
7	610860	COVER, OIL PUMP	1	
8	610876	PLUNGER, VALVE	1	
9	611148	SPRING, COMPRESS	1	
10	610169	PLUG, SCREW	1	
11	610170	BOLT	4	
12	610171	NUT	4	
13	610866	GEAR, OIL PUMP DRIVE	1	
14	610173	KEY, WOODRUFF	1	
15	610174	WASHER, LOCK	1	
16	610175	NUT, HEX	1	
17	610032	PIN, DOWEL	2	
18	610176	BOLT, HEX	2	
19	610177	WASHER, LOCK	2	
	NSS =	NOT SOLD SEPERATELY		

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REV. DATE : 15JUN16

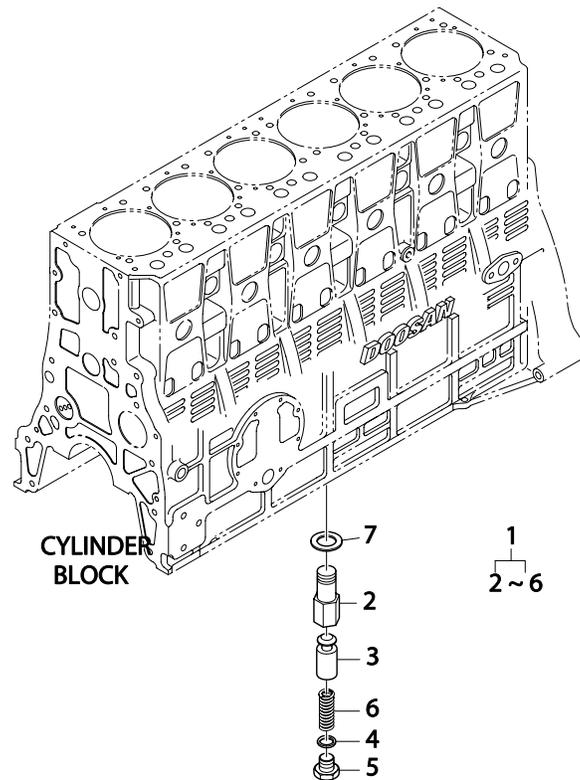
OIL PUMP DRIVE



ZBOM11L-1016

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
2	612491	GEAR, IDLER	1	
3	610179	BEARING, BALL	2	
4	610180	RING, SNAP	2	
5	610181	PIN, IDLER GEAR	1	
6	610182	RING, SNAP	1	
7	610183	BOLT	1	
	NSS =	NOT SOLD SEPERATELY		

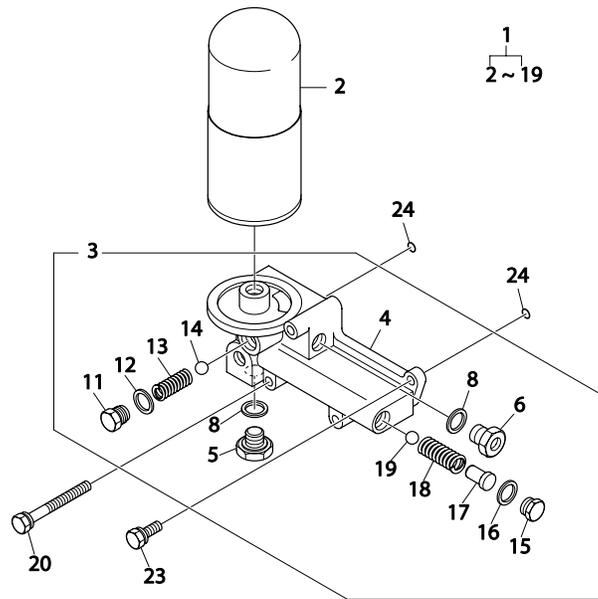
RELIEF VALVE



ZBOM11L-1017

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610871	VALVE, RELIFF	1	
2	NSS	HOUSING	1	
3	610877	PLUNGER, VALVE	1	
4	611091	WASHER	1	
5	611069	PLUG, SCREW	1	
6	611145	SPRING	1	
7	610011	SEAL, RING	1	
	NSS =	NOT SOLD SEPERATELY		

OIL FILTER

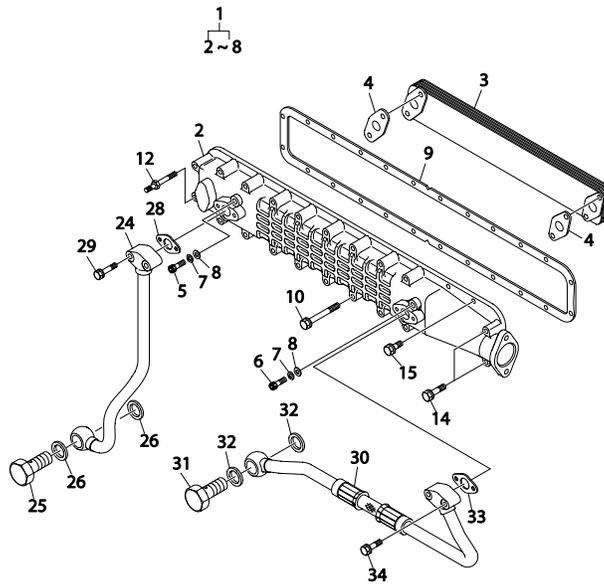


ZBOM11L-1018

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610522	FILTER, OIL ASSY	1	
2	610882	FILTER, OIL	1	IN KIT 1,2,3,4,5
3	610881	FILTER, OIL HEAD	1	
4	610879	FILTER, OIL HEAD	1	
5	611072	PLUG, SCREW	1	
6	610436	PLUG, SCREW	1	
8	610726	SEAL, RING	2	
11	611070	PLUG, SCREW	1	
12	610194	SEAL, RING	1	
13	610192	SPRING, O/FILTER	1	
14	NSS	BY-PASS VALVE	1	
15	611068	PLUG, SCREW	1	
16	610206	SEAL, RING	1	
17	610465	PIN, SPRING	1	
18	610203	SPRING	1	
19	610473	VALVE, BYPASS	1	
20	610422	BOLT	4	
23	610420	BOLT	1	
24	611128	O-RING	2	IN KIT A
	NSS =	NOT SOLD SEPERATELY		

SPEC N. : 59002002
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OIL COOLER

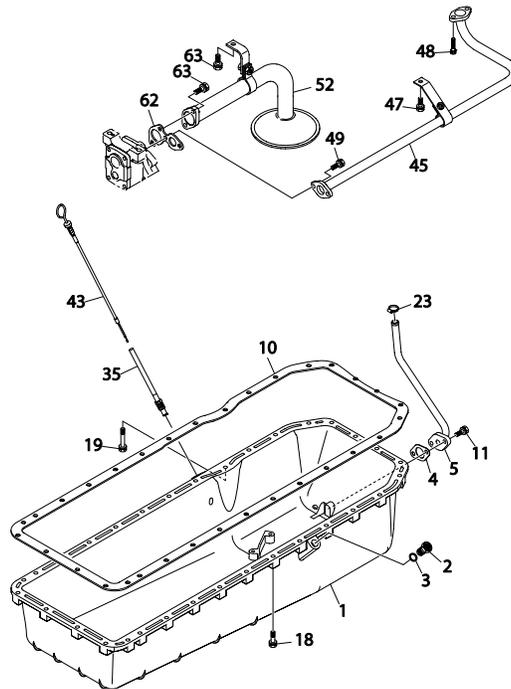


ZBOM11L-1019

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610521	COOLER, OIL	1	
2	610888	HOUSING, O/COOLER	1	
3	NSS	ELEMENT	1	
4	610531	GASKET, O/COVER	2	IN KIT A
5	610543	BOLT	2	
6	610424	BOLT	2	
7	610146	WASHER, SPRING	4	
8	610254	WASHER	4	
9	611168	GASKET, W/CHAMBER	1	IN KIT A
10	610243	BOLT	14	
12	612492	BLOCK, ENGINE	4	
14	610225	BOLT	2	
15	610057	BOLT	4	
24	610529	PIPE, OIL	1	
25	610549	SCREW, SCREEN	1	
26	610727	SEAL, RING	2	
28	610916	GASKET, OIL PIPE	1	IN KIT A
29	610156	BOLT	2	
30	610530	PIPE, OIL	1	
31	610549	SCREW, SCREEN	1	
32	610206	SEAL, RING	2	
33	610916	GASKET, OIL PIPE	1	IN KIT A
34	610156	BOLT	2	
	NSS =	NOT SOLD SEPERATELY		

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OIL PAN

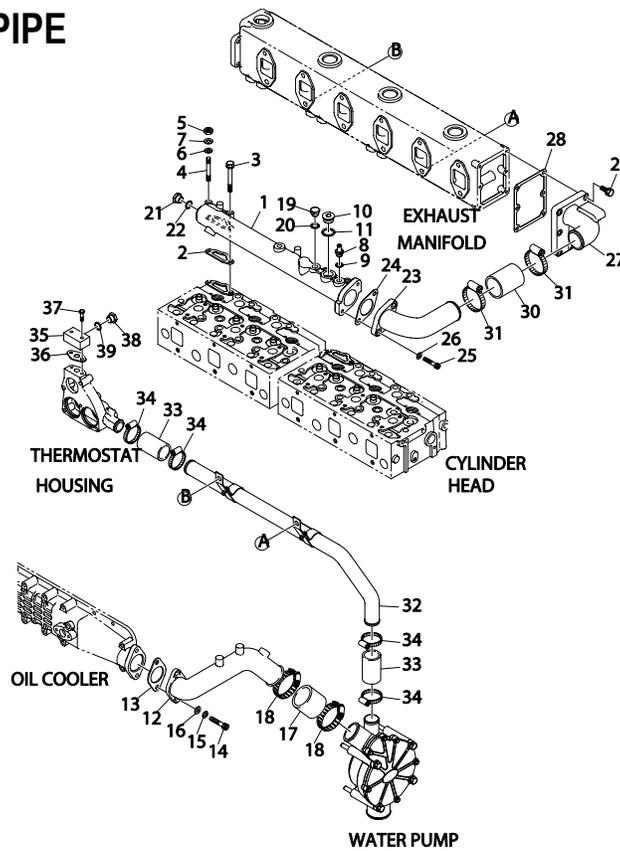


ZBOM11L-1020

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610904	PAN, OIL	1	
2	610222	PLUG, SCREW	1	
3	610223	SEAL, RING	1	
4	610228	GASKET, OIL PIPE	1	IN KIT A
5	610550	PIPE, OIL	1	
10	610919	GASKET, OIL PAN	1	IN KIT A
11	610389	BOLT	2	
18	610224	BOLT	31	
19	610214	BOLT	1	
23	610486	CLAMP, HOSE	1	
35	610229	TUBE, DIPSTICK	1	
43	610909	DIPSTICK	1	
45	610897	PIPE, OIL	1	
47	610389	BOLT	1	
48	611038	BOLT	2	
49	612501	BOLT, HEX	2	
52	610901	PIPE, OIL	1	
62	611181	GASKET	1	IN KIT A
63	612501	BOLT, HEX	4	

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REV. DATE : 15JUN16

COOLING WATER PIPE



ZBOM11L-1021

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610930	PIPE, WTR COOL	1	
2	612231	GASKET, WTR PIPE	2	IN KIT A,C
3	610243	BOLT	2	
4	611059	BOLT, STUD	2	
5	610017	NUT, HEX	2	
6	610016	WASHER, SPRING	2	
7	610056	WASHER	2	
8	611155	SCREW, CONNECT	1	
9	610267	SEAL, RING	1	
10	610285	PLUG, SCREW	1	
11	610727	SEAL, RING	1	
12	610923	PIPE, WTR COOL	1	
13	610962	GASKET, WTR PIPE	1	IN KIT A
14	610424	BOLT	2	
15	610146	WASHER, SPRING	2	
16	610254	WASHER	2	
17	611124	HOSE, COOLANT	1	

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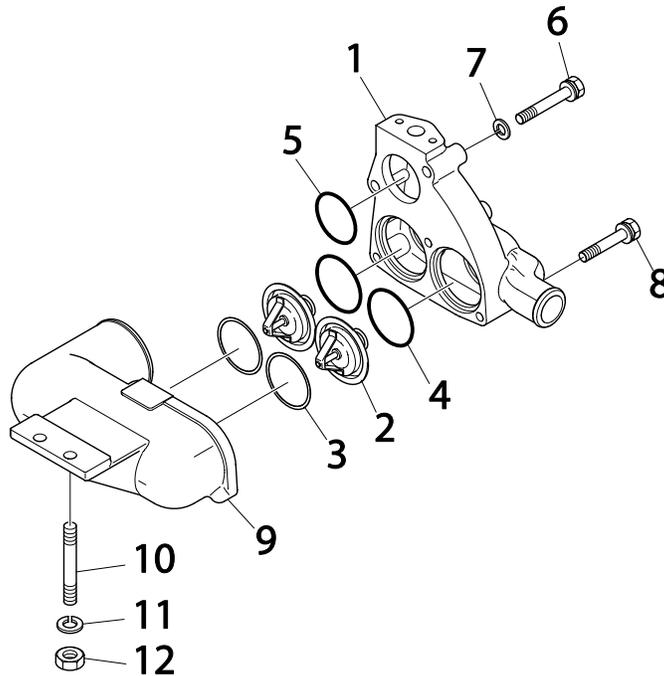
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COOLING WATER PIPE CONT.

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
18	610248	CLAMP, HOSE	2	
19	610052	SCREW, PLUG	2	
20	610483	SEAL, RING	2	
21	610222	PLUG, SCREW	1	
22	610245	SEAL, RING	1	
23	610553	PIPE, WTR COOL	1	
24	610963	GASKET, WTR PIPE	1	IN KIT A
25	610242	GASKET, WATER PIPE	2	
26	610254	WASHER	2	
27	610552	COVER, E/MNFLD	1	
28	610555	GASKET	1	IN KIT A
29	610197	BOLT	6	
30	611124	HOSE, COOLANT	1	
31	610248	CLAMP, HOSE	2	
32	610936	PIPE, WTR COOL	1	
33	611123	HOSE, COOLANT	2	
34	610257	CLAMP, HOSE	4	
35	611152	ADAPTOR	1	
36	610916	GASKET, OIL PIPE	1	IN KIT A
37	610280	BOLT	2	
38	611080	PLUG, SCREW	1	
39	610483	SEAL, RING	1	

THERMOSTAT

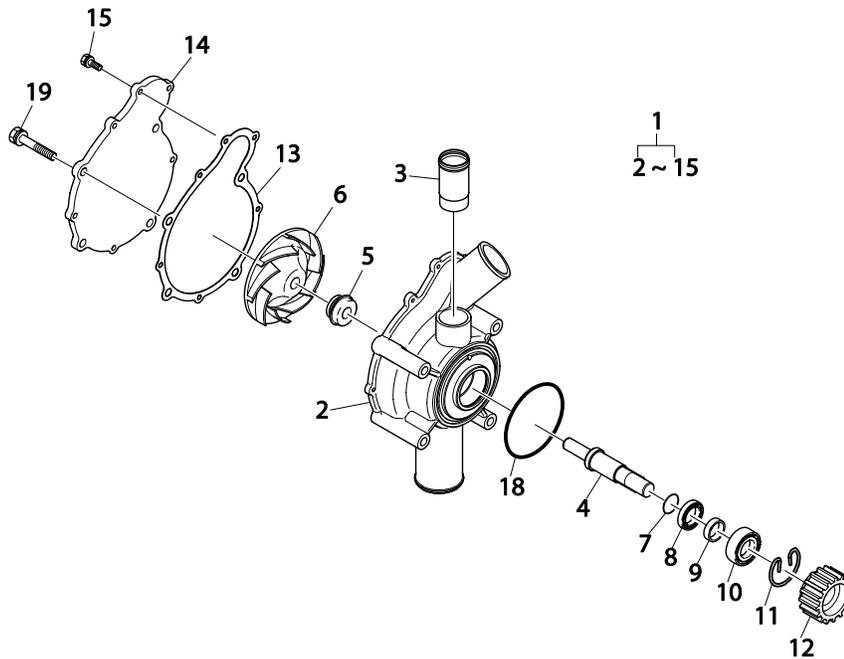


ZBOM11L-1022

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610939	HOUSING, THERMOSTAT	1	
2	610260	THERMOSTAT (STD 160 DEG)	2	160F 71C
2	610937	THERMOSTAT (174 DEG)	2	174F 79C
2	612500	THERMOSTAT (181 DEG)	2	180F 83C
3	610262	GASKET, THERMOSTAT	2	IN KIT A,4
4	610261	O-RING	2	IN KIT A,4
5	610477	O-RING	1	IN KIT A,4
6	610395	BOLT	2	
7	610254	WASHER	2	
8	610411	BOLT	3	
9	610940	HOUSING, THERMOSTAT	1	
10	610434	BOLT, STUD	2	
11	610146	WASHER, SPRING	2	
12	610304	NUT, HEX	2	

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WATER PUMP

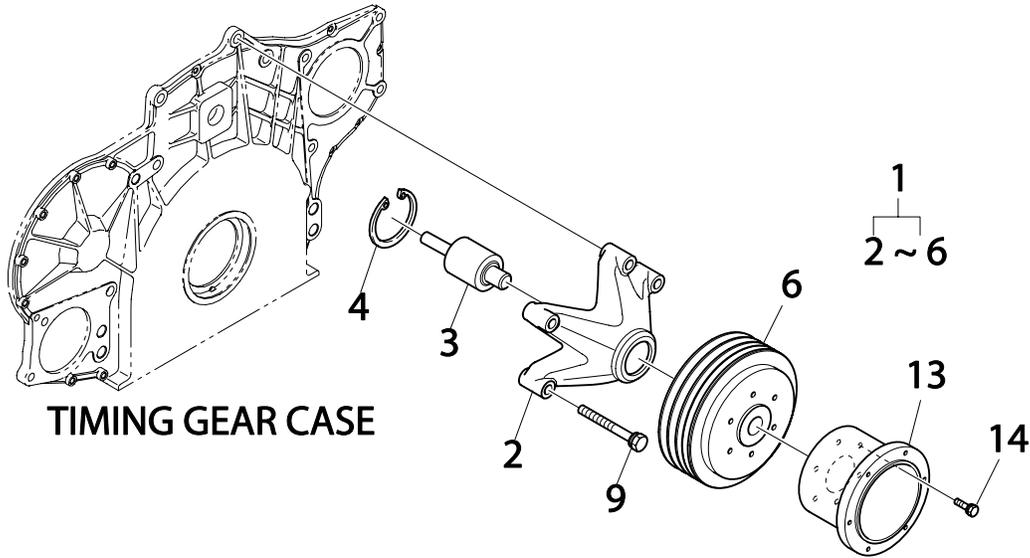


ZBOM11L-1023

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610942	PUMP, WATER	1	IN KIT 4,5
2	NSS	HOUSING	1	
3	610932	PIPE, WTR COOL	1	
4	610945	SHAFT, W/PUMP	1	
5	610950	SEAL, WATER PUMP	1	
6	610946	IMPELLER, W/PUMP	1	
7	610704	SEAL, OIL	1	
8	610470	BEARING, BALL	1	
9	610948	SPACER	1	
10	611116	BEARING, W/PUMP	1	
11	610468	RING, SNAP	1	
12	610947	GEAR, W/P DRIVE	1	
13	610959	GASKET, W/PUMP	1	IN KIT A,4
14	610949	COVER, W/PUMP	1	
15	610387	BOLT	5	
18	611129	O-RING	1	IN KIT A
19	610397	BOLT	4	
	NSS =	NOT SOLD SEPERATELY		

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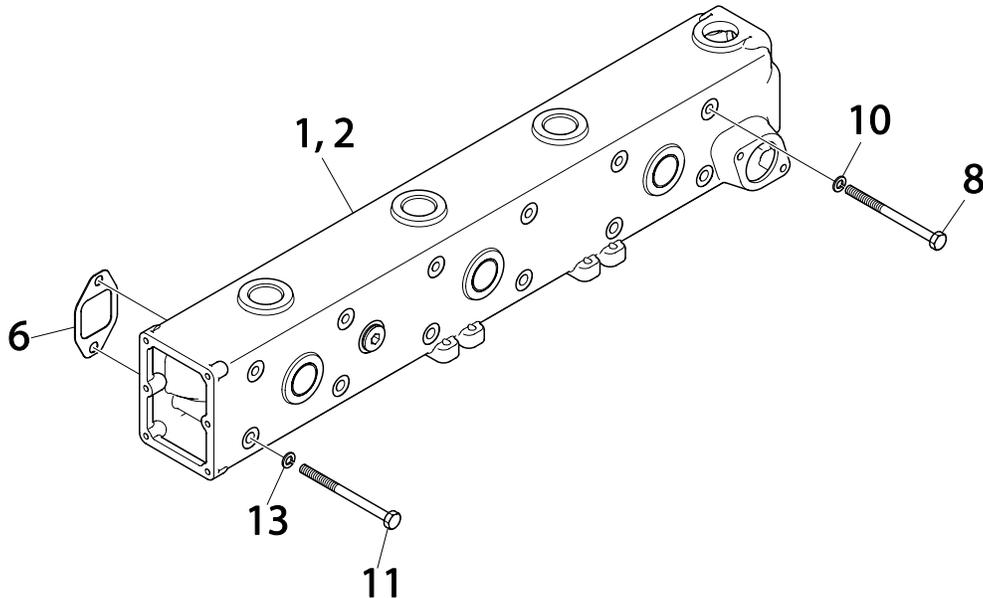
COOLING FAN



ZBOM11L-1024

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610954	MOUNTING, FAN	1	
2	NSS	MOUNTING, FAN	1	
3	610271	BEARING, BALL	1	
4	610180	RING, SNAP	1	
6	610955	PULLEY, FAN	1	
9	610419	BOLT	1	
13	610957	FLANGE, FAN	1	
14	610292	BOLT	6	
	NSS =	NOT SOLD SEPERATELY		

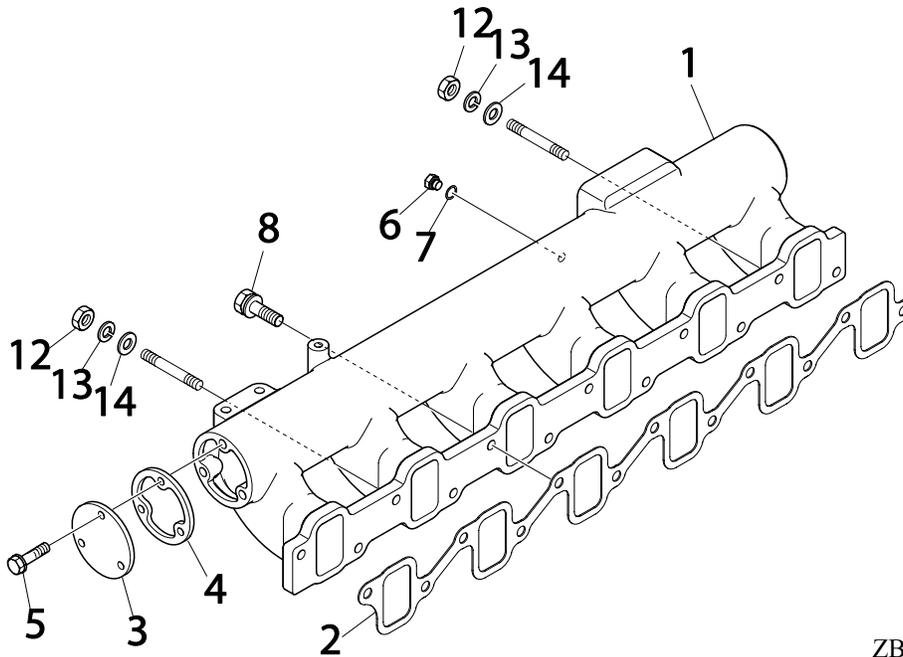
EXHAUST MANIFOLD



ZBOM11L-1025

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610975	MANIFOLD, EXHAUST	1	
2	NSS	MANIFOLD	1	
6	610989	GASKET, E/MNFLD	6	IN KIT A,C
8	610335	BOLT, HEX	6	
10	610146	WASHER, SPRING	6	
11	610379	BOLT, HEX	6	
13	610047	WASHER, SPRING	6	
	53500045	ADAPTOR, FR/PLUG	1	NOT SHOWN
	32500489	CLAMP	1	NOT SHOWN
	32500335	FITTING	1	NOT SHOWN
	NSS =	NOT SOLD SEPERATELY		

INTAKE MANIFOLD



ZBOM11L-1026

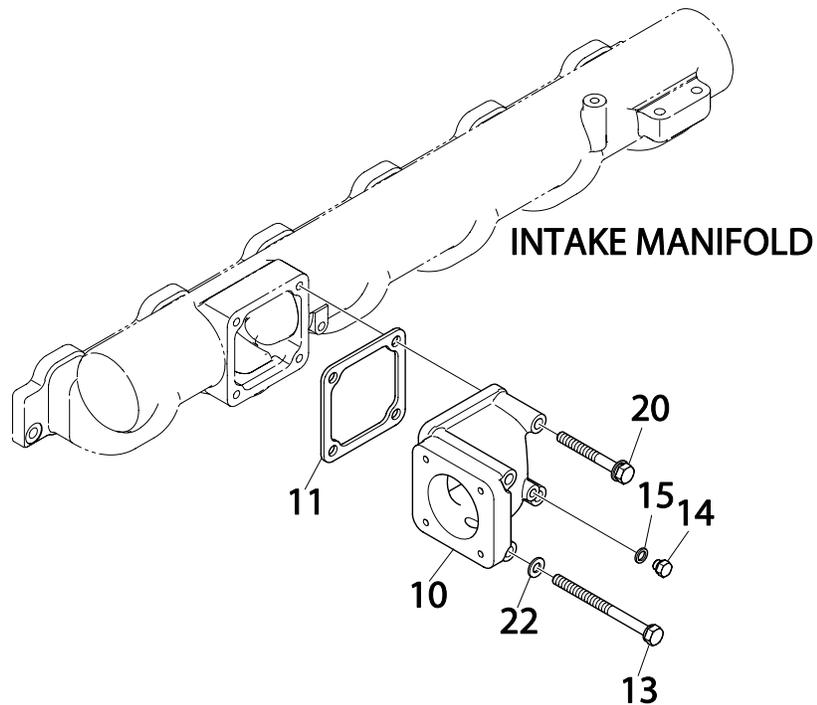
POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610981	MANIFOLD, INTAKE	1	
2	610990	GASKET, INT MFLD	1	IN KIT A,C
3	611150	FLANGE	1	
4	610991	GASKET, INTAKE MANIFOLD	1	IN KIT A
5	610156	BOLT	3	
6	611067	PLUG, SCREW	1	
7	610008	SEAL, RING	1	
8	610303	BOLT	8	
12	610304	NUT, HEX	2	
13	610146	WASHER, SPRING	2	
14	610254	WASHER	2	

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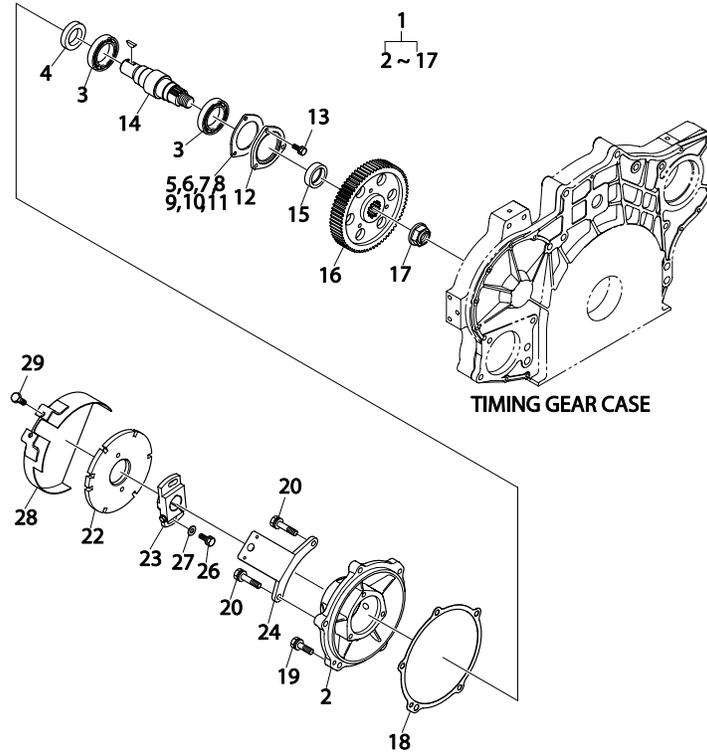
INTER COOLER



ZBOM11L-1027

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
10	58900002	INTAKE STAKE	1	
11	610558	GASKET	1	
13	610397	BOLT	2	
14	611067	PLUG	1	
15	610008	SEAL	1	
20	610415	BOLT	2	
22	610254	WASHER	2	

INJECTION PUMP DRIVE



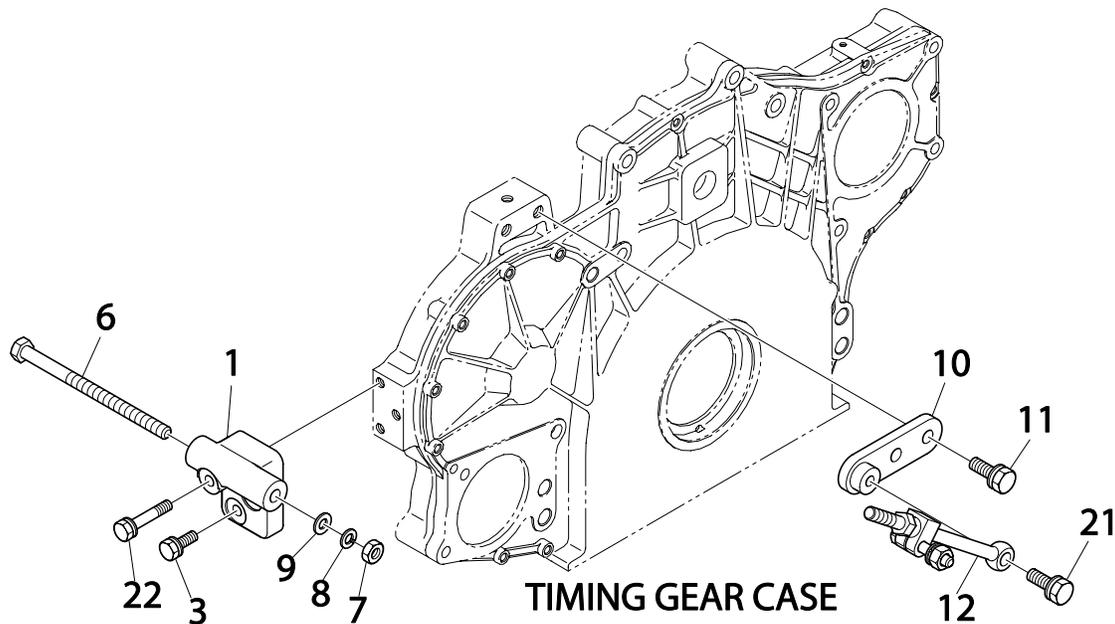
ZBOM11L-1028

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610998	DRIVE, INJ/PUMP	1	
2	NSS	HOUSING	1	
3	610475	BEARING, TAPPER	2	
4	610703	SEAL, OIL	1	
5	611003	SHIM (.33 MM)	AR	
6	611002	SHIM (.20 MM)	AR	
7	611001	SHIM (.15MM)	AR	
8	611000	SHIM (.10 MM)	AR	
9	611004	SHIM (.08 MM)	AR	
10	611005	SHIM (.06 MM)	AR	
11	611006	SHIM (.5 MM)	AR	
12	611008	HOUSING, INJECTION PUMP DRIVE	1	
13	610389	BOLT	3	
	NSS	NOT SOLD SEPERATELY		

INJECTION PUMP DRIVE CONT.

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
14	610999	SHAFT, INJ DRIVE	1	
15	611109	SPACER	1	
16	610997	GEAR, INJ DRIVE	1	
17	612493	NUT, LOCK	1	
18	611009	GASKET	1	IN KIT A
19	611044	BOLT, HEX	1	
20	611045	BOLT, HEX	2	
22	50100024	WHEEL, TIMING	1	
23	58900013	ADAPTOR, DRIVE	1	
24	611022	BRACKET, CAM SENSOR	1	
26	610326	BOLT	2	
27	610254	WASHER	2	
28	610327	COVER	1	
29	610321	BOLT, HEX	2	

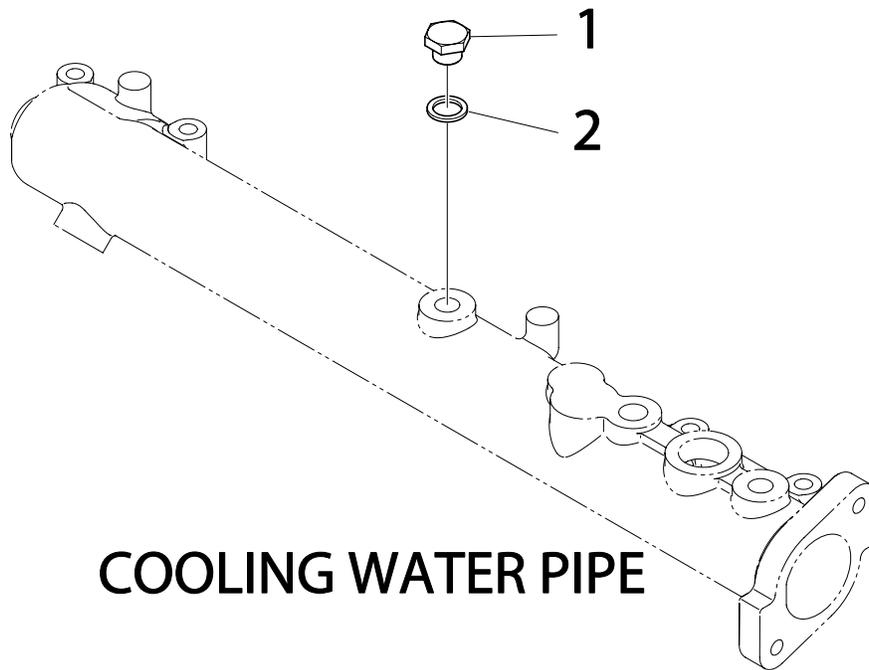
ALTERNATOR MOUNT



ZBOM11L-1029

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	611011	BRACKET, ALTERNATOR MOUNT	1	
3	610265	BOLT	2	
6	610332	BOLT, HEX	1	
7	610048	NUT, HEX	1	
8	610458	WASHER, SPRING	1	
9	610525	WASHER, SPRING	2	
10	611012	SUPPORT, ALTERNATOR	1	
11	610027	BOLT	2	
12	610334	ROD, THRD ADJ.	1	
21	610027	BOLT	1	
22	610414	BOLT	1	

SENSOR AND SWITCH

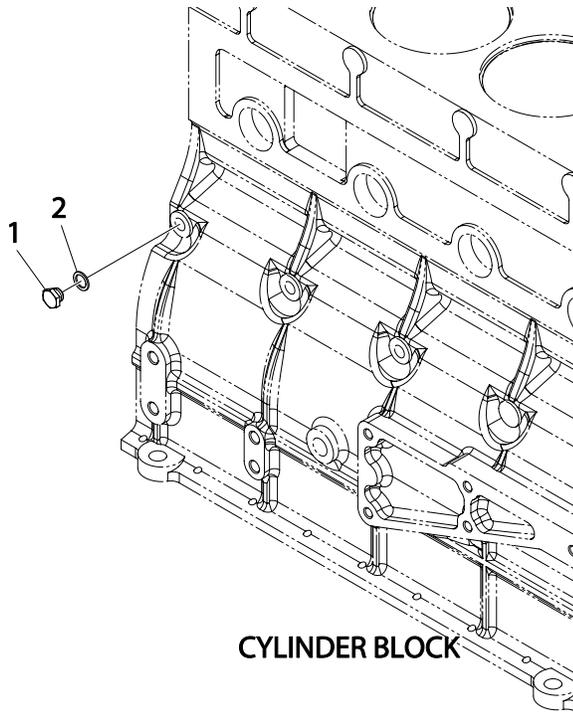


COOLING WATER PIPE

ZBOM11L-1030

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610438	PLUG, SCREW	1	
2	610267	SEAL, RING	1	

SENSOR AND SWITCH

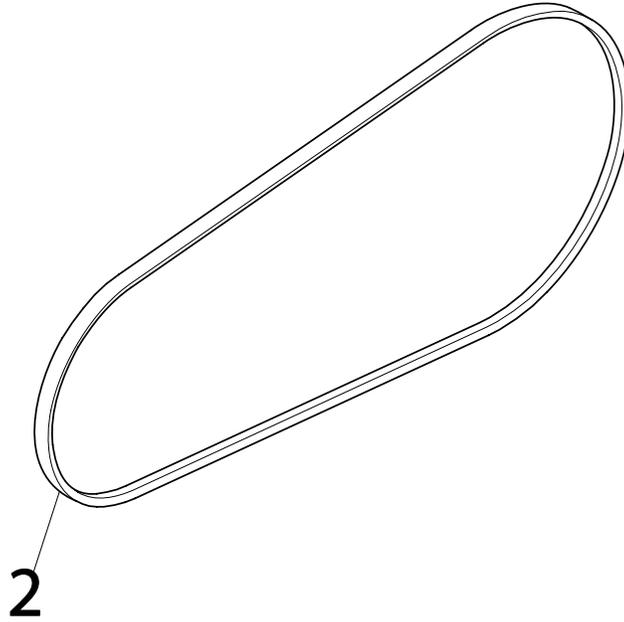


CYLINDER BLOCK

ZBOM11L-1031

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610022	PLUG, SCREW	1	
2	610011	SEAL, RING	1	

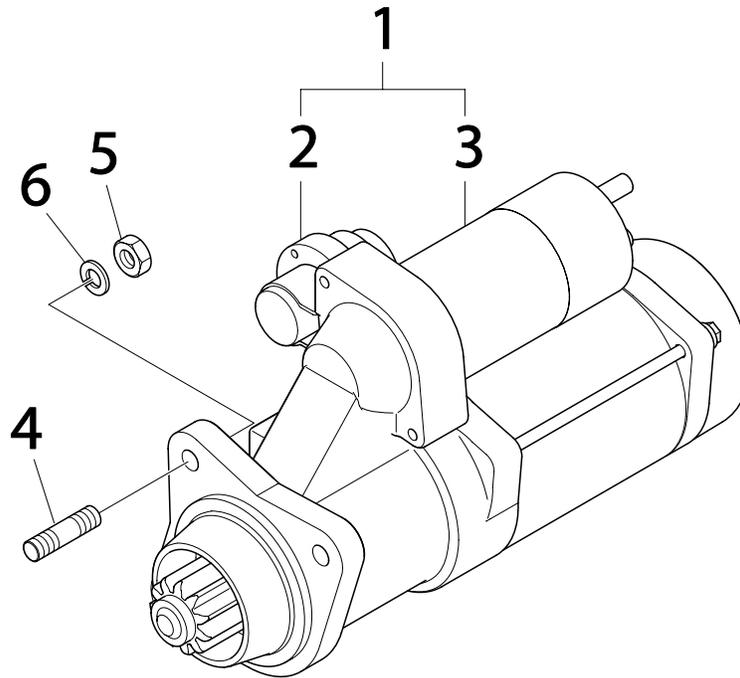
ALTERNATOR BELT



ZBOM11L-1032

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
2	53000019	V-BELT	1	IN KIT 3,4,5

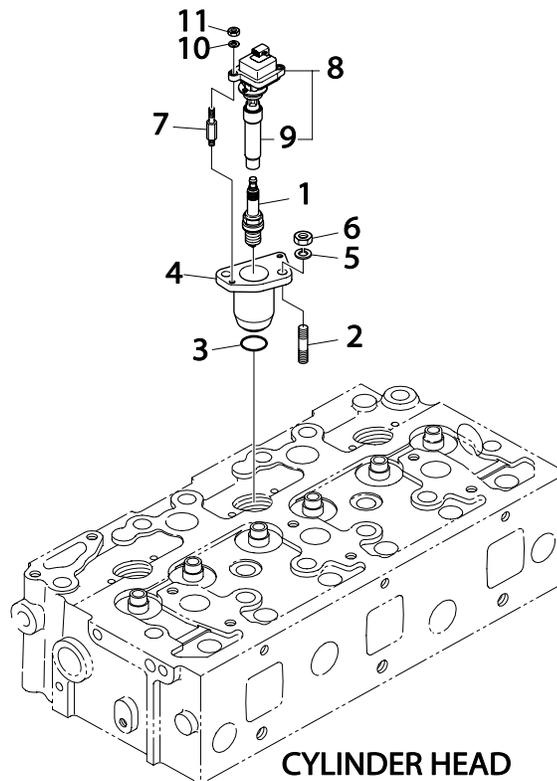
STARTER



ZBOM11L-1033

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	611016	STARTER	1	
2	611018	RELAY	1	
3	611019	MAGNETIC SWITCH AS	1	
4	610433	STUD BOLT	3	
5	610304	NUT, HEX	3	
6	610146	WASHER, SPRING	3	

ELECTRONIC IGNITION SYSTEM

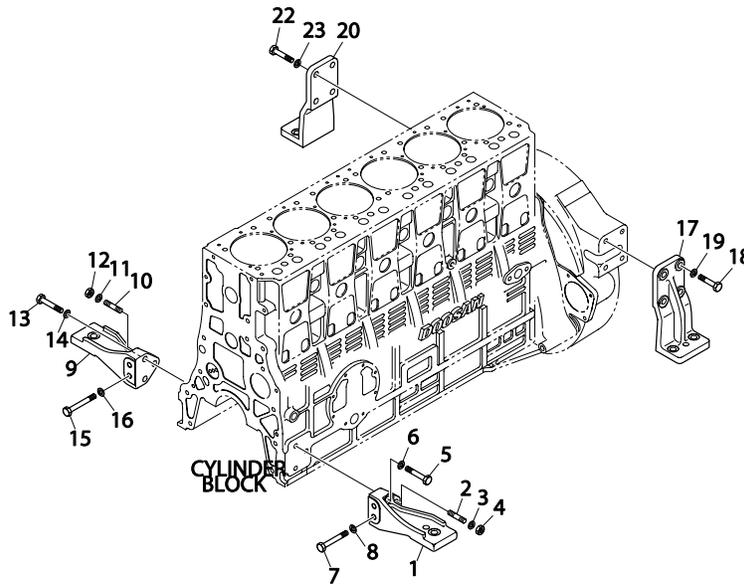


CYLINDER HEAD

ZBOM11L-1034

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610344	PLUG, SPARK	6	IN KIT 1,2,3,4,5
2	611059	BOLT, STUD	12	
3	610788	GASKET	6	
4	610772	COVER	6	
5	610016	WASHER, SPRING	12	
6	610017	NUT, HEX	12	
7	611061	SPACER BOLT	12	
8	611024	COIL, IGNITION	6	IN KIT 4,5
9	611023	BOOT, IGN COIL	1	IN KIT 3
10	610455	SPRING WASHER	12	
11	610439	NUT, HEX	12	

ENGINE MOUNT

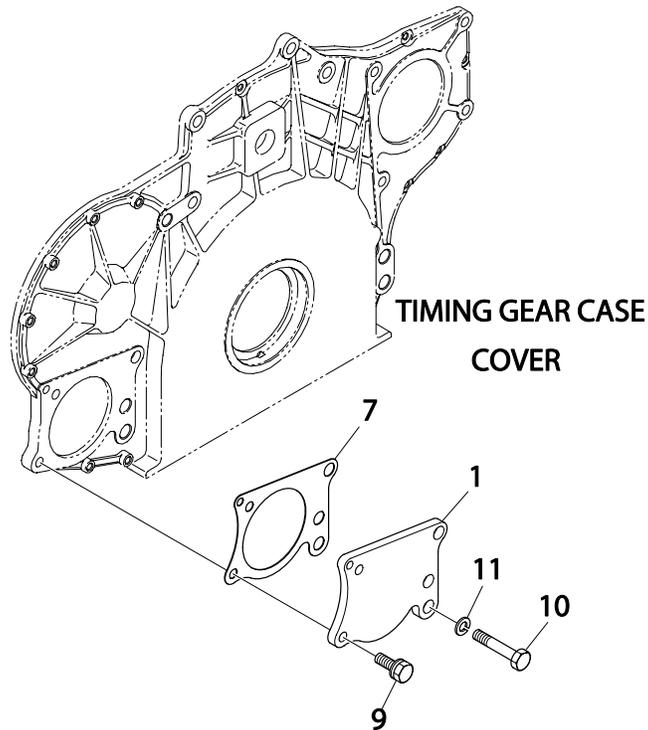


ZBOM11L-1035

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610660	MOUNT, ENGINE	1	
2	611058	BOLT, STUD	1	
3	610085	WASHER, SPRING	1	
4	610443	NUT, HEX	1	
5	610383	BOLT, HEX	2	
6	610085	WASHER, SPRING	2	
7	610384	BOLT, HEX	2	
8	610085	WASHER, SPRING	2	
9	610559	MOUNT, ENGINE	1	
10	611058	BOLT, STUD	1	
11	610085	WASHER, SPRING	1	
12	610443	NUT, HEX	1	
13	610383	BOLT, HEX	2	
14	610085	WASHER, SPRING	2	
15	610385	BOLT, HEX	2	
16	610085	WASHER, SPRING	2	
17	611026	BRACKET, R/MOUNT	1	
18	610382	BOLT, HEX	4	
19	610085	WASHER, SPRING	4	
20	611026	BRACKET, R/MOUNT	1	
22	610382	BOLT, HEX	4	
23	610085	WASHER, SPRING	4	

SPEC N. : 59002002
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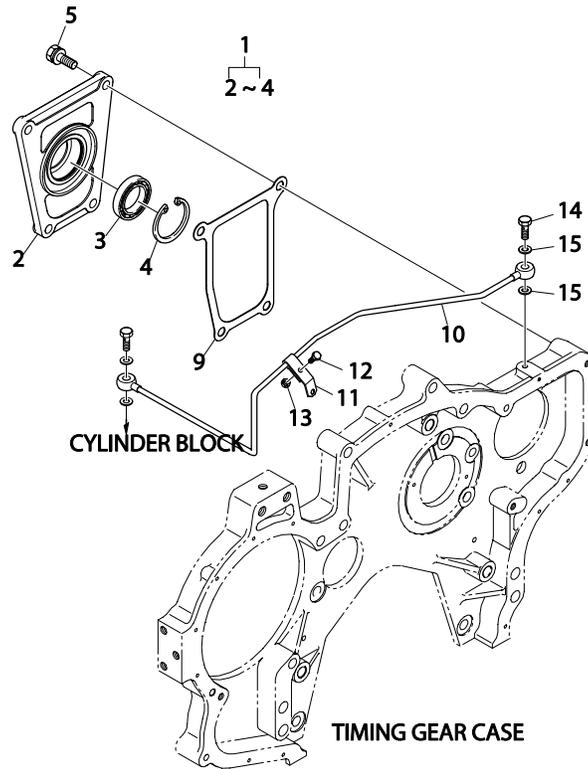
POWER STEERING PUMP



ZBOM11L-1036

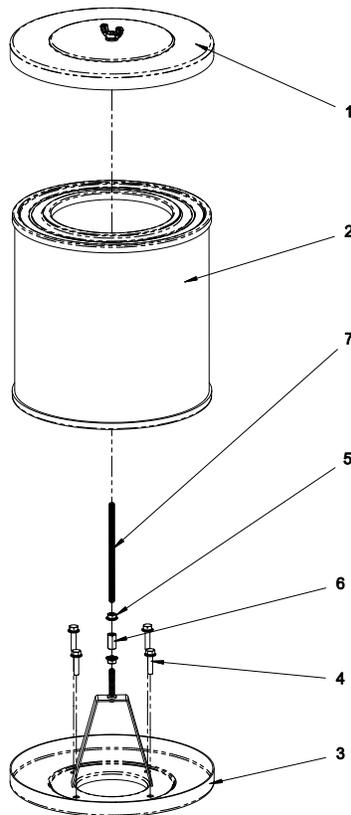
POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	610661	COVER	1	
7	611030	GASKET, P/STEER	1	IN KIT A
9	610331	BOLT	2	
10	610357	BOLT, HEX	1	
11	610146	WASHER, SPRING	1	

AIR COMPRESSOR



POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	611101	END COVER	1	
2	611100	END COVER	1	
3	610471	BEARING, BALL	1	
4	610468	RING, SNAP	1	
5	610416	BOLT	4	
9	611032	GASKET, AIR COMPRESSOR	1	IN KIT A
10	610894	PIPE, OIL	1	
11	NSS	CLIP	1	
12	610321	BOLT, HEX	1	
13	610042	NUT, HEX	1	
14	611158	SCREW	1	
15	610480	RING, SEAL	2	
	NSS =	NOT SOLD SEPERATELY		

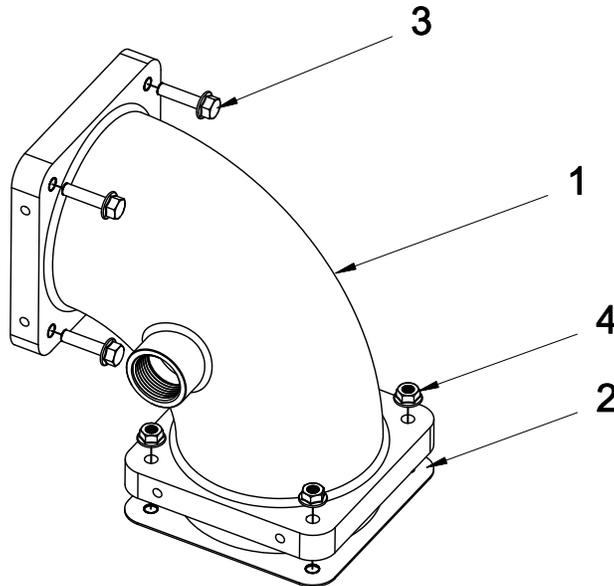
AIR FILTER



38080715-01

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	33500771	TOP	1	
2	33500774	AIR FILTER ELEMENT	1	
3	33500776	BASE	1	
4	35000450	SCREW	1	
5	35000699	NUT	4	
6	35001007	EXTENDER ROD	1	
7	35001008	ROD	1	

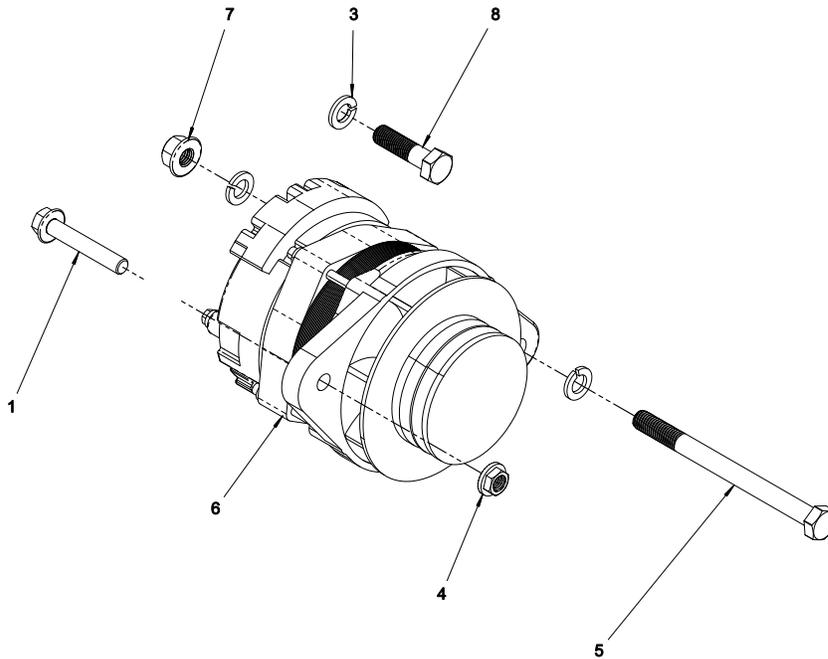
REMOTE AIR FILTER MOUNT



38080718-01

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	53500026	ADAPTER	1	
2	53500028	GASKET	1	IN KIT A
3	35000450	BOLT	4	
4	35000699	NUT	4	

ALTERNATOR

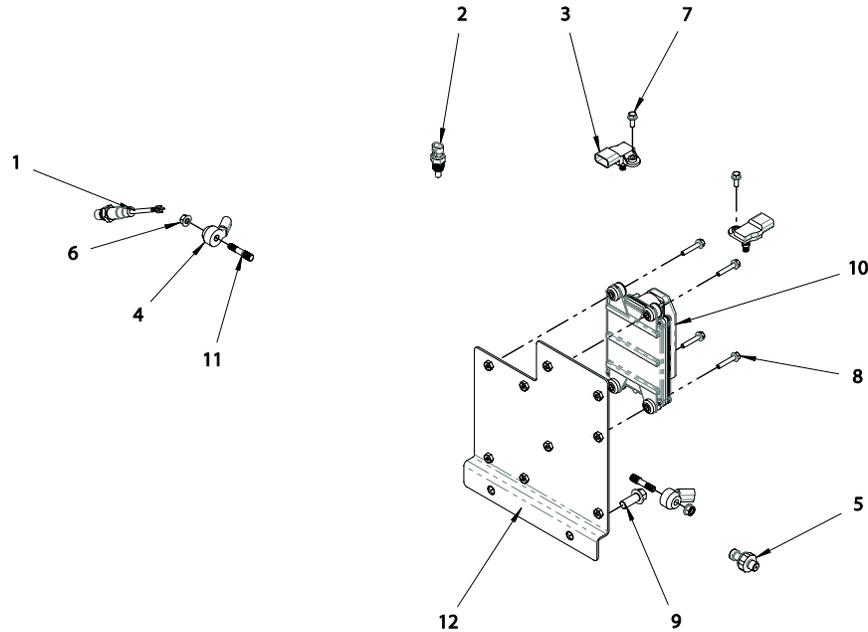


58020302-04

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	35000954	BOLT	1	
3	35000079	WASHER	3	
4	35000973	NUT	1	
5	35000690	BOLT	1	
6	53000017	ALTERNATOR	1	
7	35000973	NUT	1	
8	35000970	BOLT	1	

SPEC N. : 59002002
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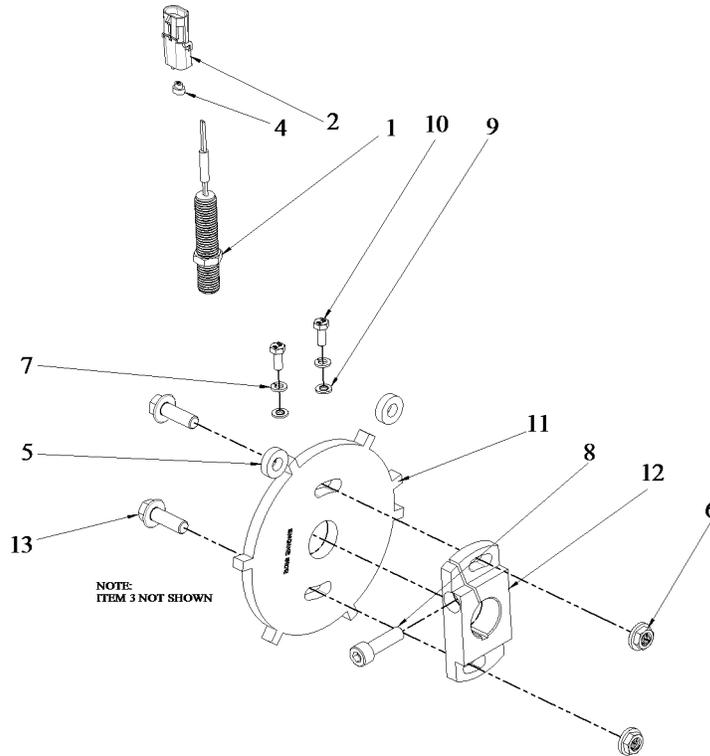
ELECTRICAL



58020300-06

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	32501267	O2 SENSOR	1	IN KIT3,4,5
1	53000058	O2 SENSOR (4G)	1	
2	33000376	COOLANT SENSOR	1	
3	33000841	T MAP SENSOR	2	
4	33000954	KNOCK SENSOR	2	
5	33001415	OIL PRESSURE SENSOR	1	
6	35000021	NUT	2	
7	35000530	BOLT	2	
8	35000531	BOLT	4	
9	35000969	BOLT	2	
10	58200003	PROGRAMMED ECU STANDBY (4G)		
10	58200047	PROGRAMMED ECU PRIME (4G)		
10	58901001	PROGRAMMED ECU STANDBY	1	
10	58901210	PROGRAMMED ECU PRIME	2	
11	52500027	STUD	1	
12	53000092	BRACKET	2	
13	35000079	WASHER	2	NOT SHOWN

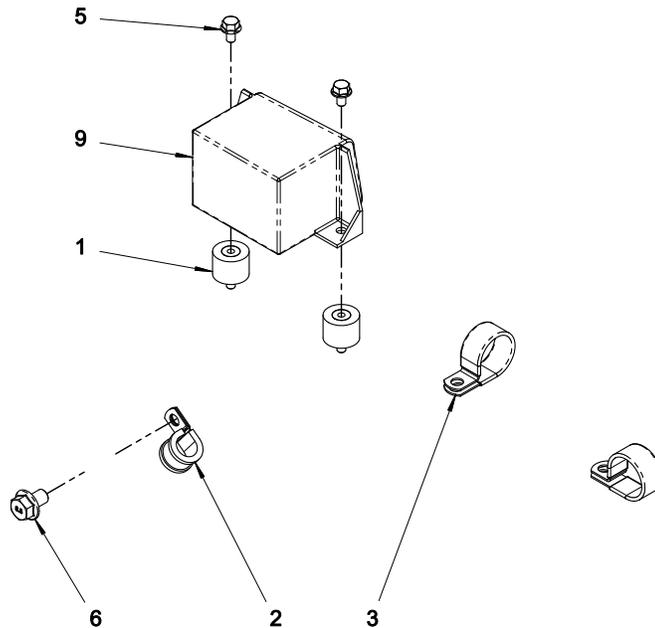
CAM WHEEL SENSOR



58010303-03

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	107012	SENSOR	1	
2	33000497	CONNECTOR	1	
3	33000498	TERMINAL	2	NOT SHOWN
4	33000499	SEAL	2	
5	35000191	WASHER	2	
6	35000196	NUT	2	
7	35000285	WASHER	2	
8	35000493	BOLT	1	
9	35000614	WASHER	2	
10	35000933	BOLT	2	
11	50100024	CAM WHEEL	1	
12	52000189	ADAPTER	1	
13	65000053	BOLT	2	

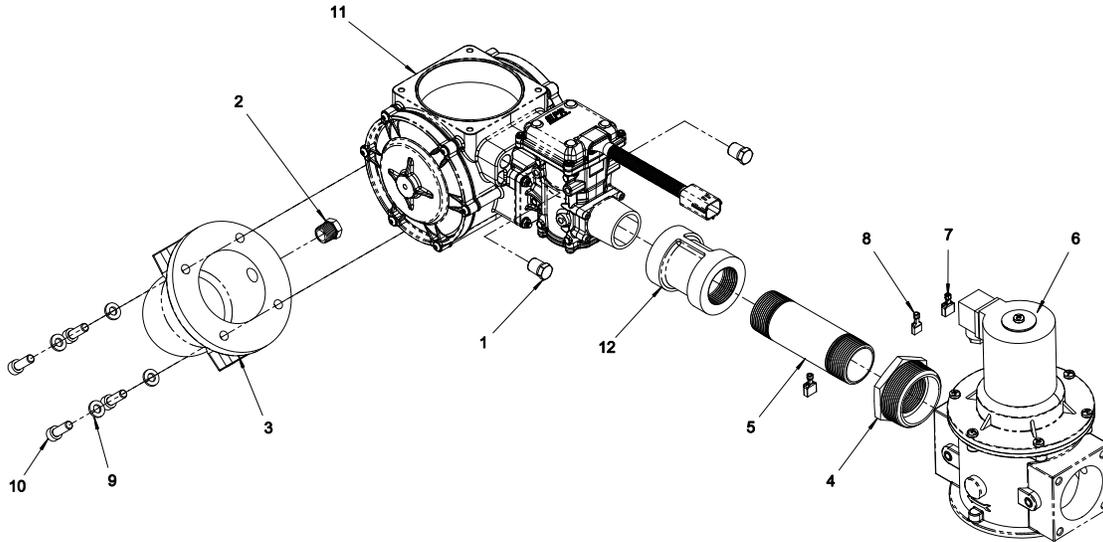
HARNESS



58020301-06

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	32500899	ISOLATOR	2	
2	32501462	CLAMP	1	
3	32501609	CLAMP	2	
4	35000021	NUT	1	NOT SHOWN
5	35000449	BOLT	2	
6	35000694	BOLT	1	
8	52500157	IGNITION HARNESS	1	NOT SHOWN
9	52500162	MASTER HARNESS	1	NOT SHOWN
9	53000087	MASTER HARNESS (4G)	1	NOT SHOWN
HARNESS PARTS				
	107095	24V RELAY-RECTANGLE	1	NOT SHOWN
	107096	24V RELAY-SQUARE	1	NOT SHOWN
	46243	50 AMP MINI FUSE	1	NOT SHOWN
	46253	5 AMP MINI FUSE	2	NOT SHOWN
	46257	20 AMP MINI FUSE	2	NOT SHOWN
	101554	DIAGNOSTIC ECOM CABLE	1	AVAILABLE

FUEL SYSTEM

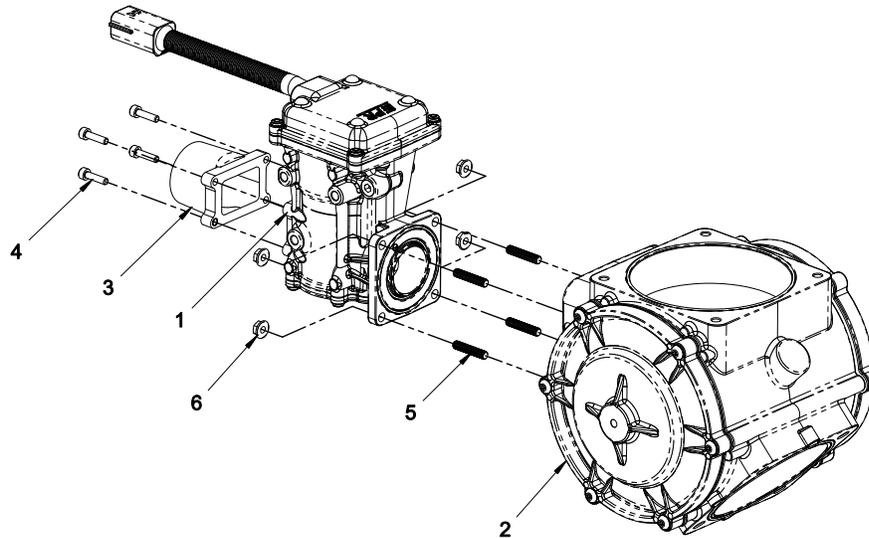


58020400-04

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	32500233	PLUG	2	
2	32500342	PLUG	1	
3	32501717	ELBOW	1	
3	53500100	ELBOW (4G)	1	
4	32501753	BUSHING	1	
5	32501754	NIPPLE	1	
6	32502220	LOCK OFF VALVE	1	
7	33001072	TERMNAL	2	
8	33001073	TERMNAL	1	
9	35000361	WASHER	4	
10	35000625	BOLT	4	
11	38080463	EPR KIT	1	
12	52500006	COUPLER	1	

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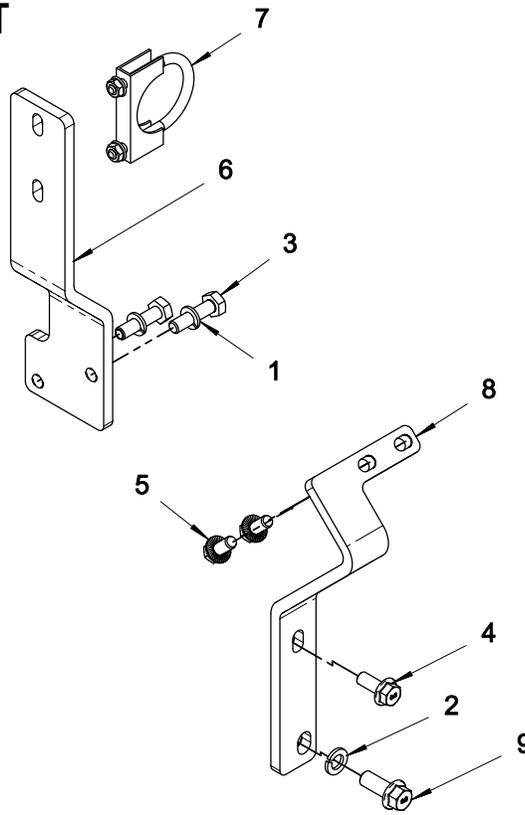
EPR AND MIXER



38080463-01

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	32501671	EPR	1	
2	32501690	MIXER *	1	SEE BELOW
3	32501779	ADAPTER	1	
4	32500674	BOLT	4	
5	35000680	STUD	4	
6	35000681	NUT	4	
*	106823	MIXER REPAIR KIT	1	

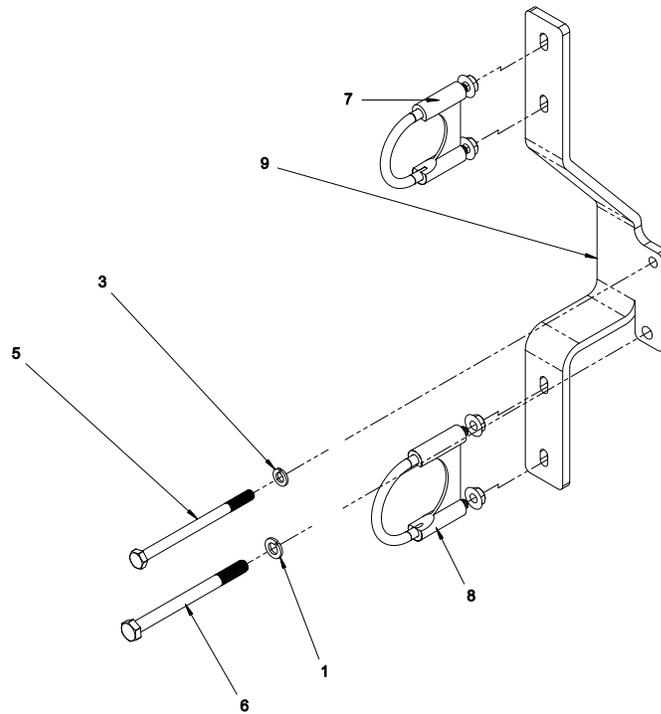
FUEL SYSTEM MOUNT



58020403-02

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	35000046	WASHER	2	
2	35000079	WASHER	1	
3	35000151	BOLT	2	
4	35000368	BOLT	1	
5	35000455	BOLT	2	
6	52500049	SUPPORT BRACKET	1	
6	52500167	SUPPORT BRACKET (4G)	1	
7	52500065	U-BOLT	1	
8	52500067	MIXER SUPPORT BRACKET	1	
8	52500166	MIXER SUPPORT BRACKET (4G)	1	
9	35000969	BOLT	1	
10	35000426	WASHER	2	NOT SHOWN

RADIATOR SUPPORT



58020606-02

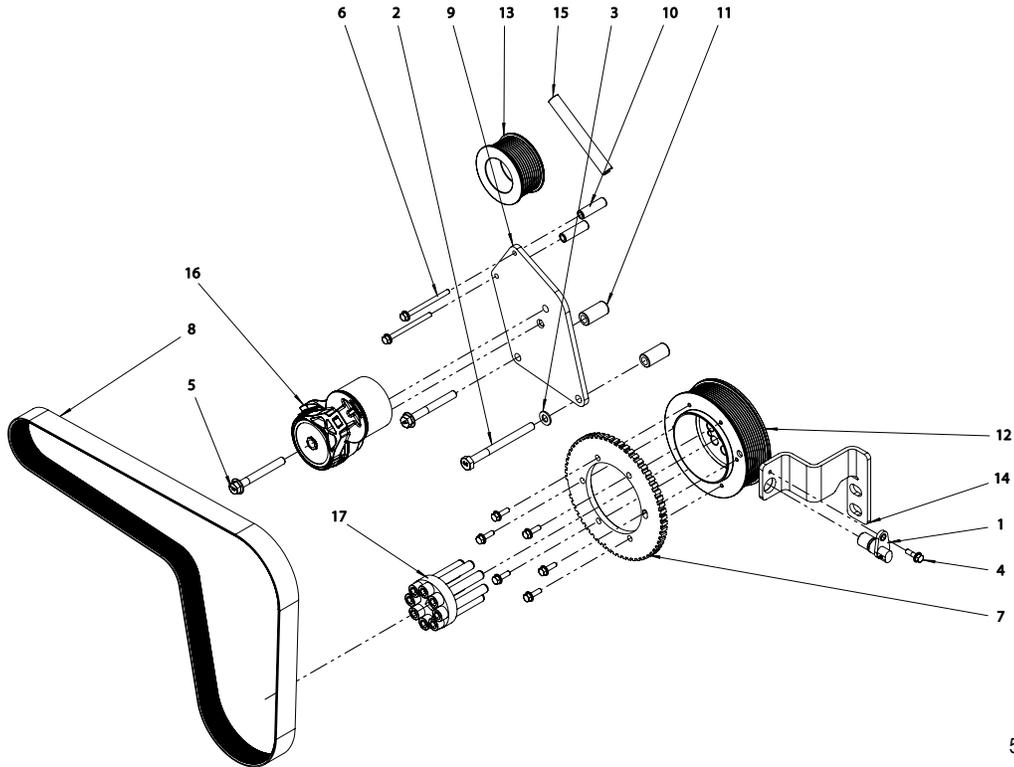
POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	35000046	WASHER	1	
3	35000079	WASHER	1	
5	35000689	BOLT	1	
6	35000690	BOLT	1	
7	52500030	CLAMP	1	
8	52500045	U-BOLT	1	
9	52500050	BRACKET	1	

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SERPENTINE DRIVE

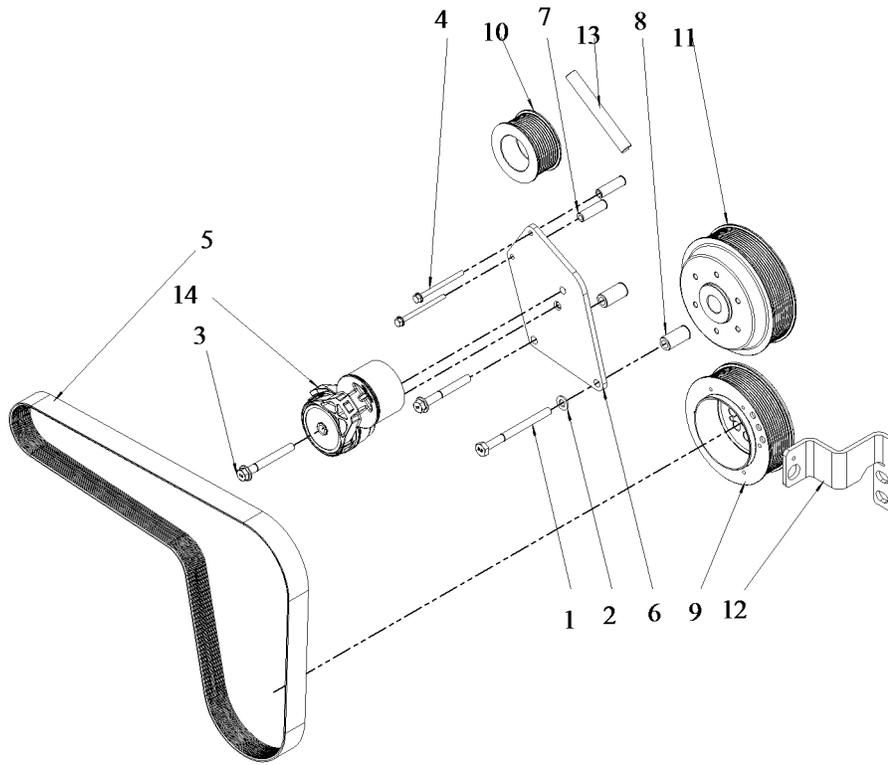


58020613-04

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	33002062	SPEED SENSOR	1	
2	35000278	BOLT	1	
3	35000402	WASHER	1	
4	35000696	BOLT	7	
5	35000957	BOLT	2	
6	35001047	BOLT	2	
7	52500132	TIMING WHEEL	1	
8	53000085	BELT	1	
9	53000094	TENSIONER MOUNT	1	
10	53000095	SPACER	2	
11	53000096	SPACER	2	
12	53000097	CRANK PULLEY	1	
13	53000098	ALTERNATOR PULLEY	1	
14	53000100	BRACKET	1	
15	53000101	SLEEVE	1	
16	53000102	TENSIONER	1	
17	58010101	SQUARE DRIVE	1	
18	35000530	SCREW	1	NOT SHOWN

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SERPENTINE DRIVE (RETRO FIT KIT)

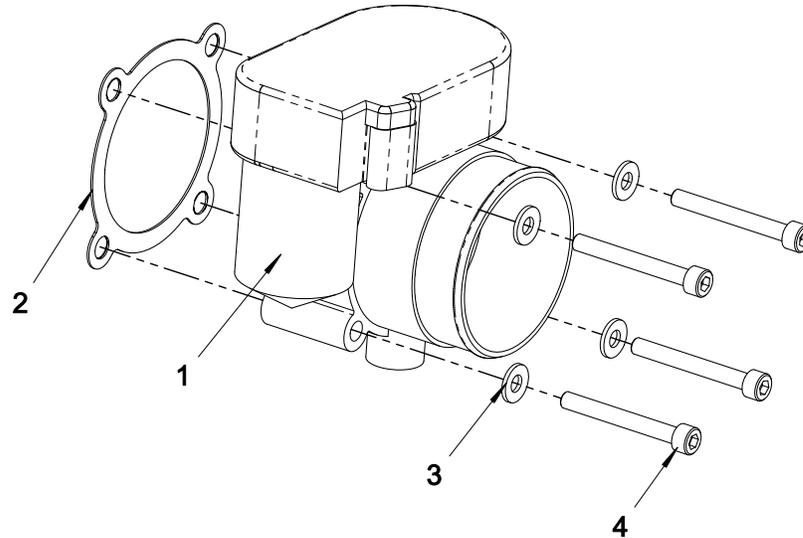


58020614-01

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	58020614	COMPLETE KIT	1	
1	35000278	BOLT	1	
2	35000402	WASHER, FLAT	1	
3	35000957	BOLT, FLANGE	2	
4	35001047	BOLT, FLANGE	2	
5	53000085	BELT, DRIVE	1	
6	53000094	MOUNT, TENSIONER	1	
7	53000095	SPACER, TENSIONER MOUNT	2	
8	53000096	SPACER, TENSIONER MOUNT	2	
9	53000097	PULLEY, CRANK	1	
10	53000098	PULLEY, ALTERNATOR	1	
11	53000099	PULLEY, FAN	1	
12	53000100	BRACKET, CRANK SENSOR	1	
13	53000101	SLEEVE, ALTERNATOR SPACER	1	
14	53000102	TENSIONER, PULLEY	1	

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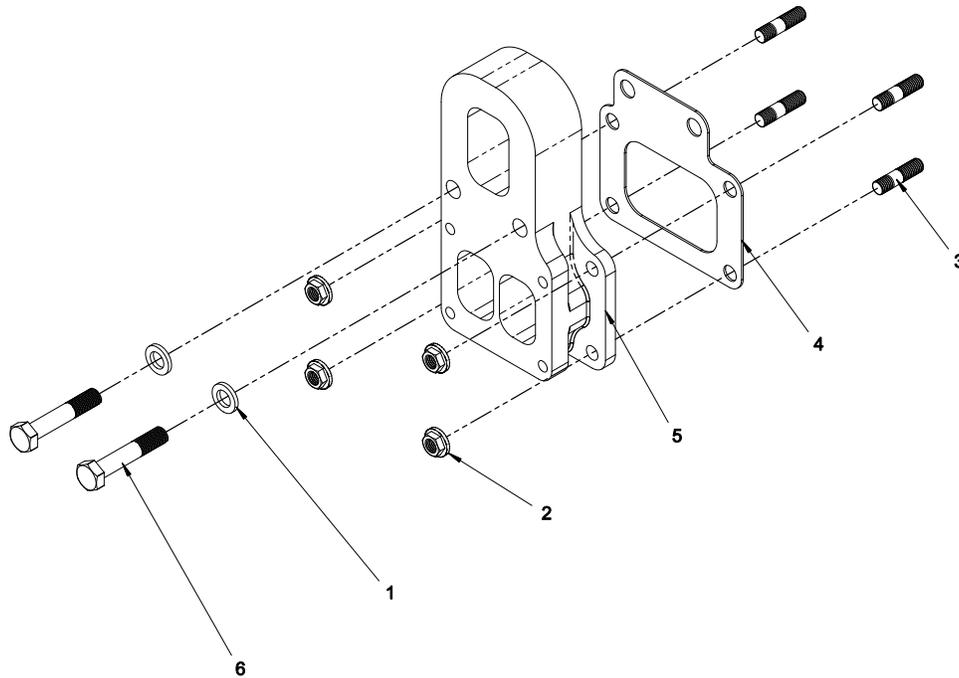
INTAKE



58020800-02

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	32500662	THROTTLE BODY	1	
2	32500715	GASKET	1	IN KIT 3,4,5
3	32501417	WASHER	4	IN KIT A,3,4
4	35000335	BOLT	4	

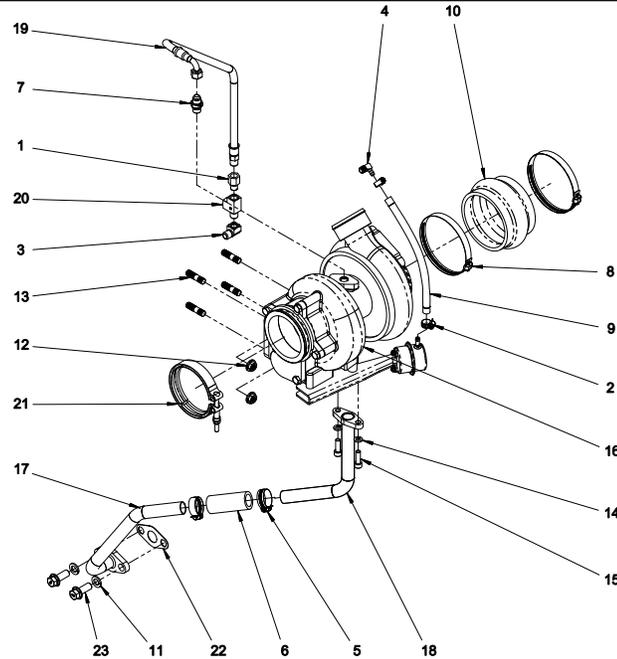
EXHAUST ADAPTER



58010801-02

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	35000732	WASHER	2	
2	35000196	NUT	4	
3	35000302	STUD	4	
4	52500038	GASKET	1	IN KIT A
5	52500039	ADAPTER	1	
6	35000971	BOLT	2	
7	52500051	MANIFOLD COOLANT PLUG	1	NOT SHOWN

TURBOCHARGER

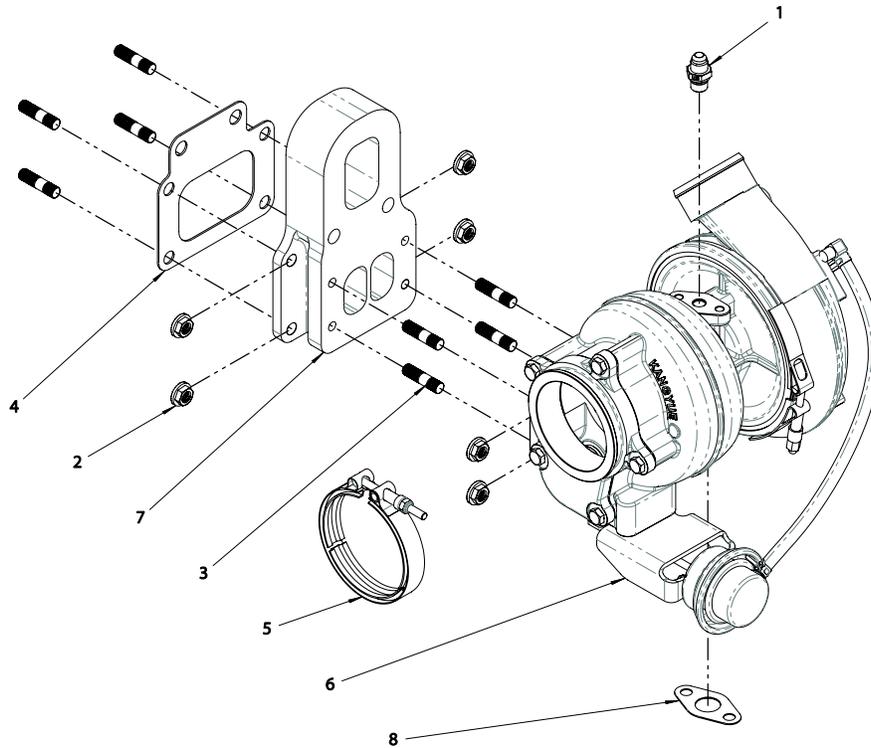


58020802-05

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	12700357	FITTING	1	IN BLOCK
2	32500208	CLAMP	2	
3	32500235	ELBOW	1	
4	32500247	FITTING	1	
5	32500318	CLAMP	2	
6	32500595	HOSE	3 IN	
7	32500597	FITTING	1	
8	32500622	CLAMP	2	
9	32500623	HOSE	10 IN	
10	32500875	HOSE	1	
11	35000079	WASHER	2	
12	35000196	NUT	4	
13	35000302	STUD	4	
14	35000361	WASHER	2	
15	35000625	BOLT	2	
16	58020810	TURBOCHARGER	1	PRE 2017
16	52500181	TURBOCHARGER	1	POST 2017
17	52500041	TUBE	1	
18	52500042	TUBE	1	
19	52500043	HOSE	1	
20	52500066	TEE	1	
21	52500074	CLAMP	1	
22	53500032	GASKET	1	
23	35000969	BOLT	2	
24	32502234	COPPER WASHER	1	NOT SHOWN

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RETROFIT TURBOCHARGER



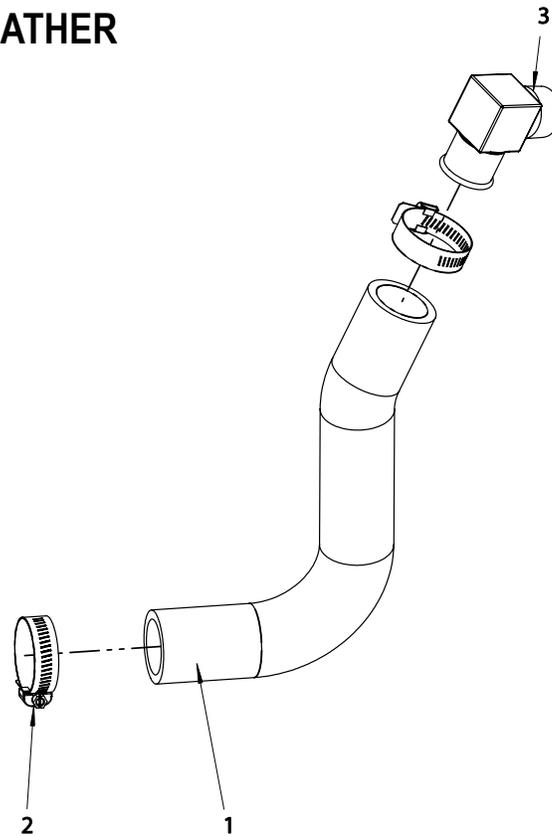
59300104-01

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
	59300104	RETROFIT TURBOCHARGER	1	
1	32500597	FITTING,OIL SPLY	1	
2	35000196	NUT	8	
3	35000302	STUD	8	
4	53500113	GSKT, TURBO ADPT	1	
5	52500074	CLAMP	1	
6	52500181	TURBOCHARGER	1	
7	53500107	ADAPTER, MANIFOLD	1	
8	53500108	GASKET, OIL DRAIN	1	

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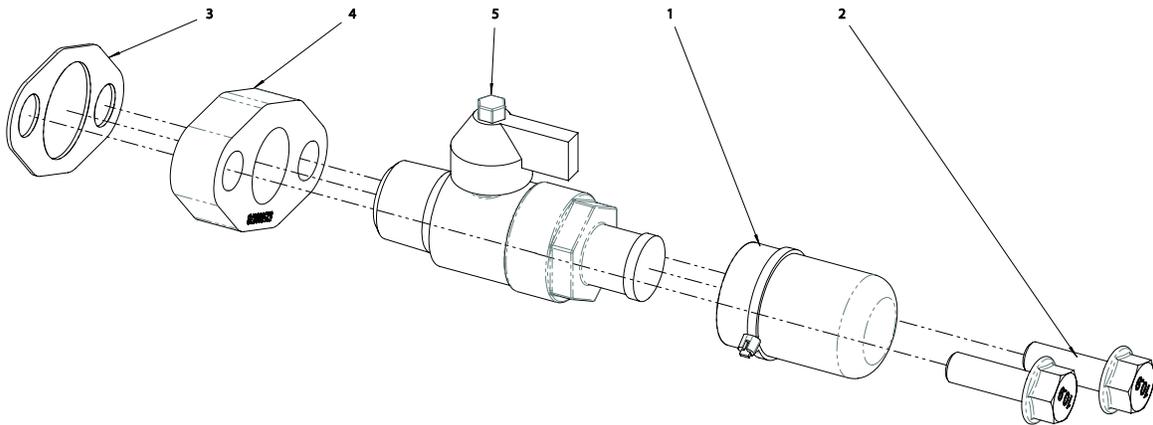
CRANK CASE BREATHER



58020812-01

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	12000516	RADIATOR HOSE	1	
2	32500555	CLAMP	2	
3	32501175	ELOW	1	

OIL DRAIN VALVE



58010404-03

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	30600213	RUBBER CAP	1	
2	35000452	BOLT	2	
3	52500086	GASKET	1	
4	52500087	PLATE	1	
5	52500089	VALVE	1	

OIL SAMPLE VALVE

NO IMAGE AVAILBLE

58020409-01

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	32502279	BUSHING	1	
2	52500168	OIL SAMPLE VALVE	1	
3	52500170	BUSHING	1	

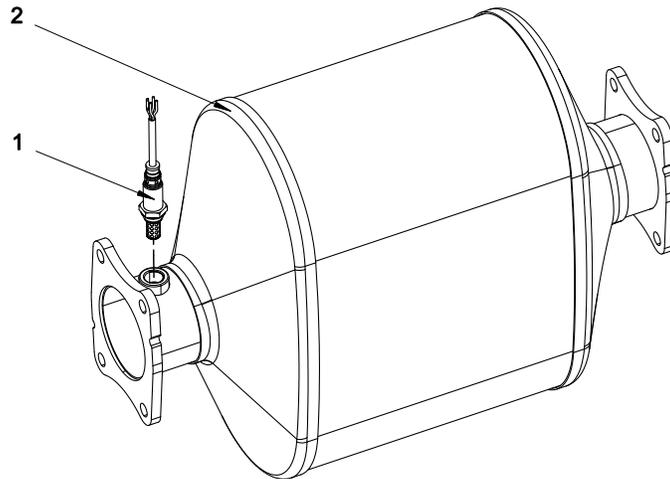
COOLANT CLAMPS

NO IMAGE AVAILBLE

58020612-03

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	32001174	CLAMP	4	
2	32001198	CLAMP	4	

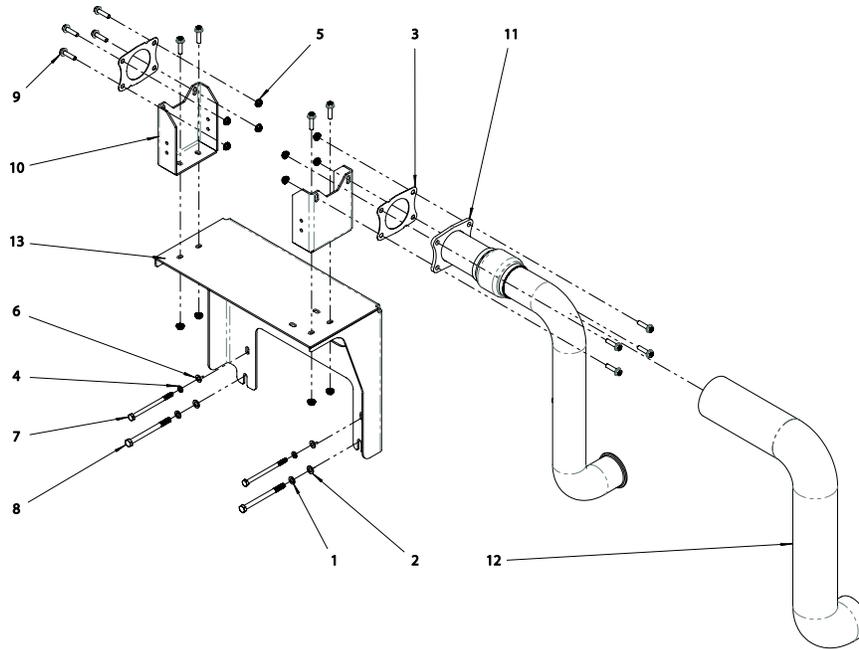
CAT MUFFLER



58010803-06

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	32501267	O2 SENSOR	1	
2	38901309	CATAYLST	1	

CATALYST SUPPORT



58020806-02

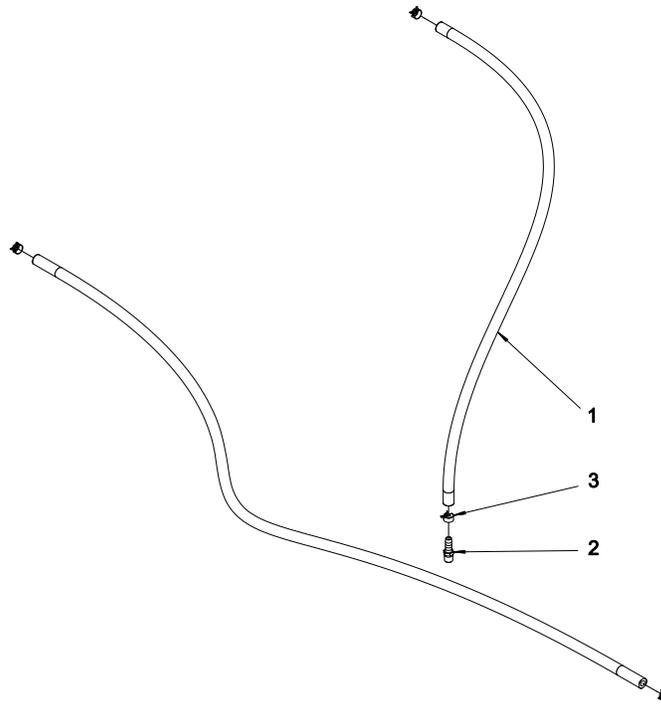
POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	35000079	WASHER	2	
2	35000732	WASHER	2	
3	33500805	GASKET	2	
4	35000046	WASHER	2	
5	35000196	NUT	12	
6	35000402	WASHER	2	
7	35000689	BOLT	2	
8	35000690	BOLT	2	
9	35000707	BOLT	12	
10	53500037	SUPPORT	2	
11	53500044	TUBE	1	
12	53500046	SLEEVE	1	
13	53500094	BRACKET	1	

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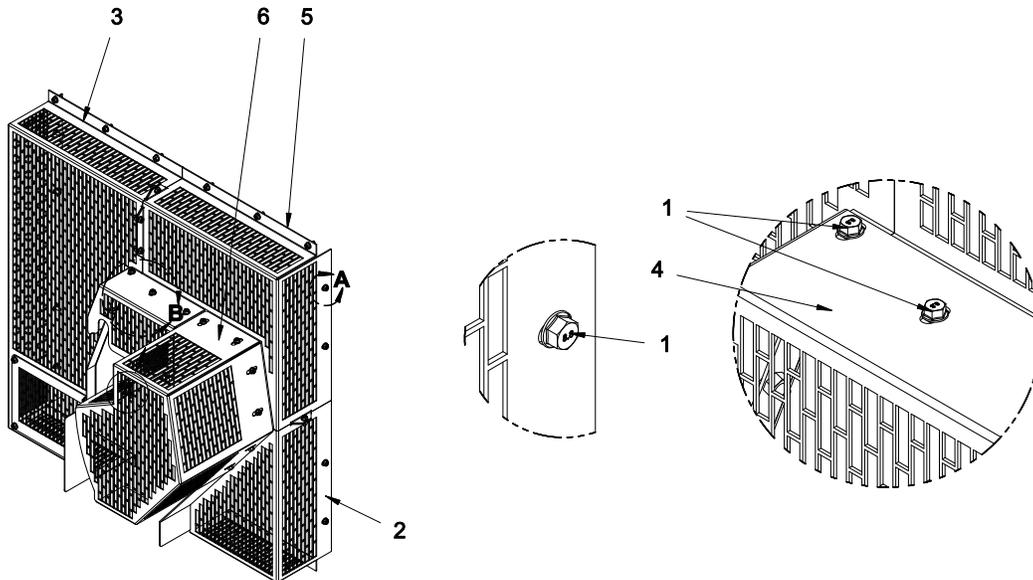
AIR BLEED



58010610-01

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	32000254	HEATER HOSE	65 IN	
2	32500520	FITTING	1	
3	32501134	CLAMP	4	

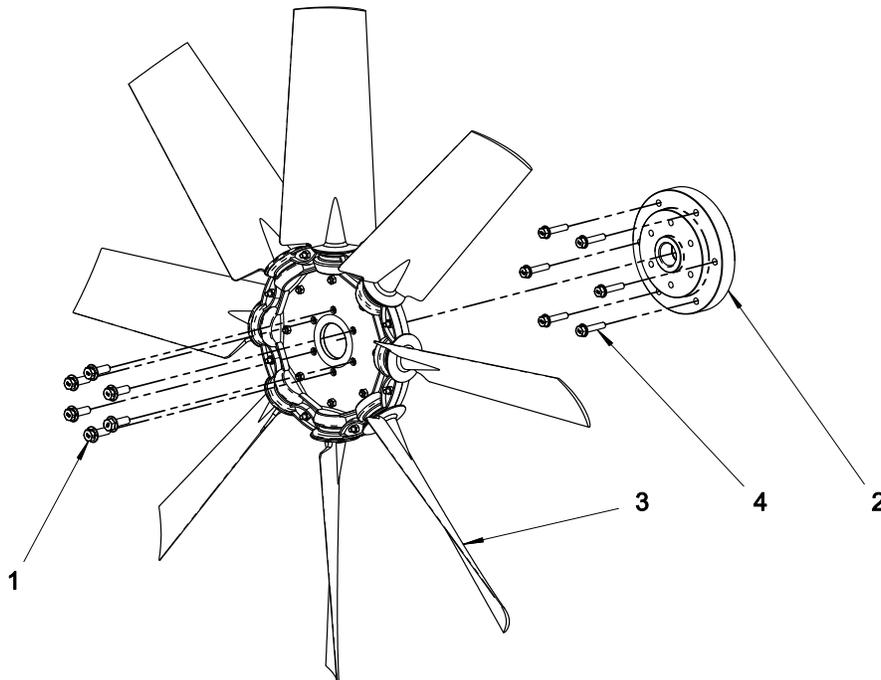
FAN GUARD



58020601-02

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	35000532	BOLT	32	
2	52500051	FAN GUARD	1	
3	52000052	FAN GUARD	1	
4	52000065	FAN GUARD	1	
5	52000074	FAN GUARD	1	
6	52000075	TIMING WHEEL GUARD	1	

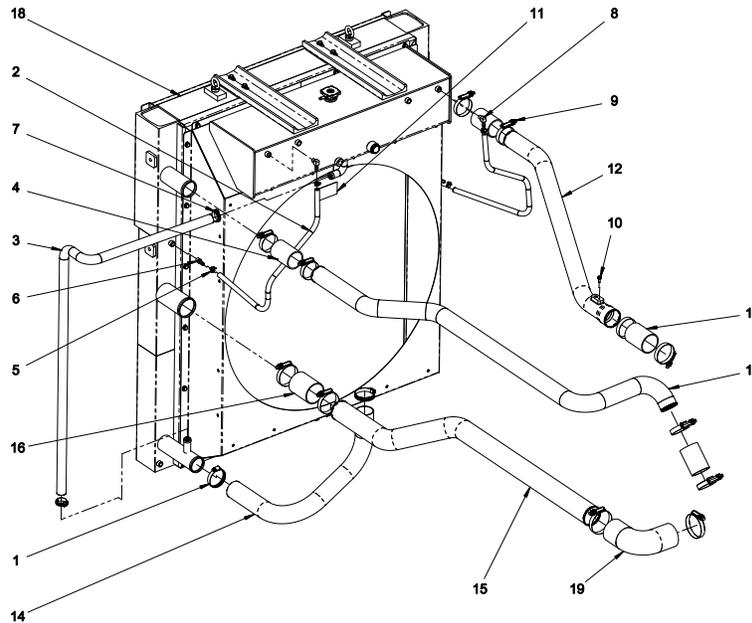
FAN



58020608-01

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	35000949	BOLT	6	
2	52000024	SPACER	1	
3	52000132	FAN PUSHER	1	STANDARD
4	65000107	BOLT	6	
	52000111	FAN PULLER	1	COLD WEATHER

RADIATOR

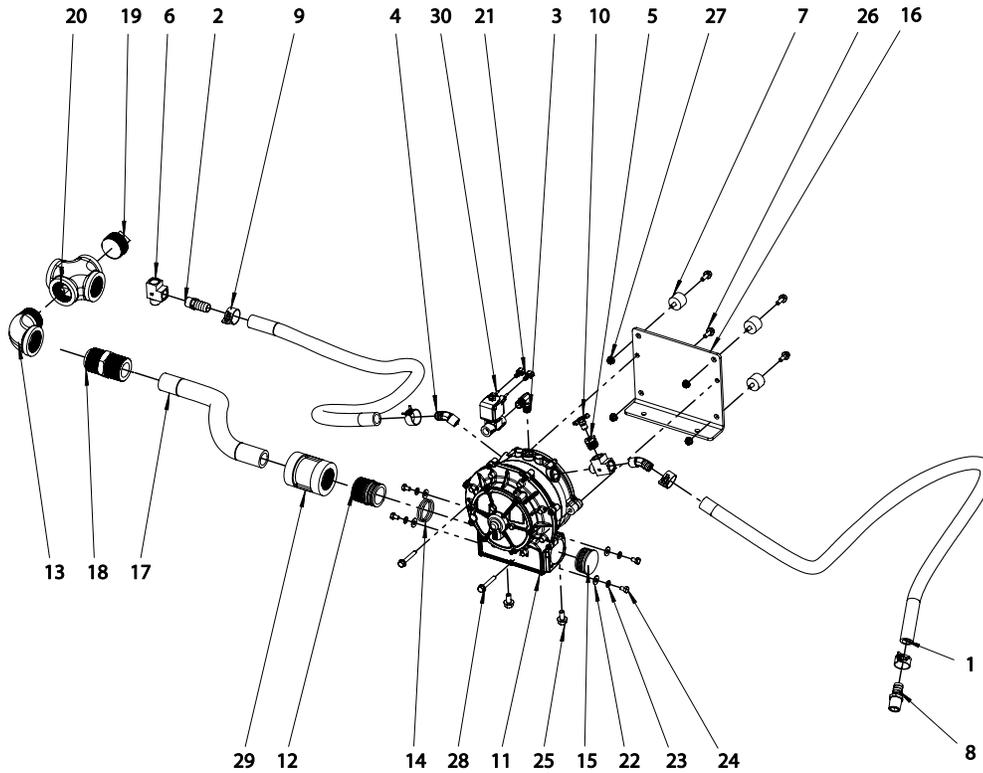


58020609-03

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	32000149	CLAMP	2	
2	32000254	HOSE	48 IN	
3	32000504	HOSE	100 IN	
4	32000868	HOSE	3	
5	32500511	CLAMP	4	
6	32500520	FITTING	2	
7	32500555	CLAMP	2	
8	32500659	FITTING	1	
9	32500802	CLAMP	12	
10	35000530	BOLT	1	
11	36000132	STICKER	1	
12	52000158	TUBE	1	
13	52000159	TUBE	1	
14	52000056	HOSE	1	
15	52000160	INLET PIPE	1	
16	52000094	HOSE	1	
17	52000095	HOSE	1	
18	52000196	RADIATOR	1	
19	52000056	HOSE	1	
	612682	INTERCOOLER	1	NOT SHOWN
	612683	EXPANSION TANK	1	NOT SHOWN
	52000125	PRESSURE CAP	1	NOT SHOWN
	612685	FAN SHROUD	1	NOT SHOWN
	612698	CAP FITTING	1	NOT SHOWN
	612699	SIGHT GLASS	1	NOT SHOWN

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LP VAPORIZATION (OPTIONAL)



58020404-05

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
1	30100120	WATER HOSE	90 IN	
2	32000625	FITTING	1	
3	32500242	FITTING	1	
4	32500245	FITTING	2	
5	32500265	BUSHING	1	
6	32500336	TEE	2	
7	32500899	ISOLATOR	4	
8	32501108	FITTING	1	
9	32501361	CLAMP	4	
10	32501383	DRAIN COCK	1	

LP VAPORIZATION CONT. (OPTIONAL)

POS.	PART NUMBER	DESCRIPTION	QTY	NOTES
11	32501744	VAPORIZER	1	
12	32501749	ADAPTER	1	
13	32501751	ELBOW	1	
14	32501755	O-RING	2	
15	32501925	PLUG	1	
16	32501942	PLATE	1	
17	32502022-024	HOSE	1	
18	32502022-FST	ADAPTER	1	
19	32502077	FITTING	1	
20	32502078	FITTING	1	
21	33001072	TERMINAL	2	
22	35000006	WASHER	4	
23	35000285	WSHER	4	
24	35000355	BOLT	4	
25	35000526	BOLT	2	
26	35000530	BOLT	4	
27	35000699	NUT	4	
28	35000708	BOLT	2	
29	52500006	COUPLER	1	
30	52500105	LOCK-OFF	1	

CHANGES TO BOOK

DATE	OLD	NEW	SECTION	CHANGE
6/15/2016	12APR2016	15JUN2016	ELECTRICAL	ADD 53000058 - 02 SENSOR 58200003 - ECU 58200047 - ECU
6/15/2016	12APR2016	15JUN2016	HARNESS	ADD 53000057 - MAIN HARNESS
6/15/2016	12APR2016	15JUN2016	FUEL SYSTEM	ADD 53500100 - ELBOW
6/15/2016	12APR2016	15JUN2016	FUEL SYSTEM MOUNT	ADD 52500167 - BRACKET 52000166 - BRACKET