



Parts Catalog

> B- Series Genset
82.5 KVA To 125 KVA
Bulletin No: 3249651-03
(Sept. - 2008)

Our energy working for you.™

Shree J Ph.: 24474762

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B-Series Powergen (82.5 KVA To 125 KVA)

Parts Ordering Guidelines :

Genuine Cummins Parts and service facilities are available all over India. There are more than 100 Cummins sales and service locations giving service support to the engines owned by you. Each distribution outlet is thoroughly equipped with technical data, factory trained mechanics, modern equipments and a full adequate stock of Genuine Cummins Parts.

For quicker and better service, your parts requirements should be ordered from your nearest Cummins Distributer or Dealer. At any of the locations prompt, intelligent, courteous service is a basic trade-mark. Each is ready and eager to help in every possible way through personal contact or through the mail-at your convenience.

The satisfactory ordering and receiving of parts by the purchase is greatly dependent upon the proper use of available information. In order that all avoidable errors may be eliminated, the following instructions are offered as the purchaser's guide:

1. Write your order clearly, using a typewriter if possible.
2. Be sure to list the correct part number. If in doubt as to the correct part number, state the model and serial

number of the engine on which the part is to be used. Part numbers are usually located in various places on the part itself.

3. When possible, arrange your purchase order in part number numerical sequence.
4. Please specify shipping instructions, if any, preferable to you.
5. State your company name and shipping address clearly.

Genuine Cummins Parts mean QUALITY : They're designed and engineered to fit best in your Cummins Diesel. Each part is made of the highest quality and accuracy-by the top craftsman of the trade.

You can be sure a Genuine Cummins Part will fit better-do the job better-lessen the chances of costly breakdown. When you buy replacement parts, buy quality. Buy Genuine Cummins Parts.

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B-Series Powergen (82.5 KVA To 125 KVA)

CUSTOMER SERVICE INFORMATION

This parts catalog contains parts information.

Engine Model _____ Engine Serial No. _____

OEM _____ Model _____ Genset Serial No. _____

Fuel Pump Assembly No. _____ Injector No. _____

Belt, Fan, Drive _____

Element, Fuel Filter _____ Full Flow Lub. Filter _____

Air Cleaner _____

**Since improvements are made from time to time, contents
in the parts catalog are subject to change without notice**

B-Series Powergen (82.5 KVA To 125 KVA)

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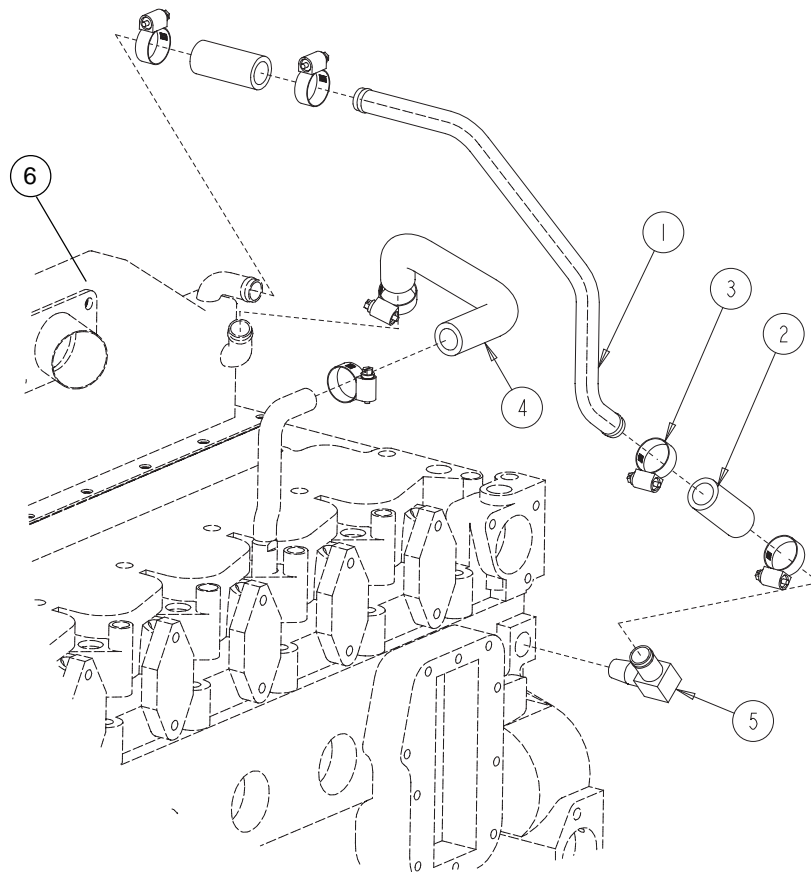
B-Series Powergen (82.5 KVA To 125 KVA)

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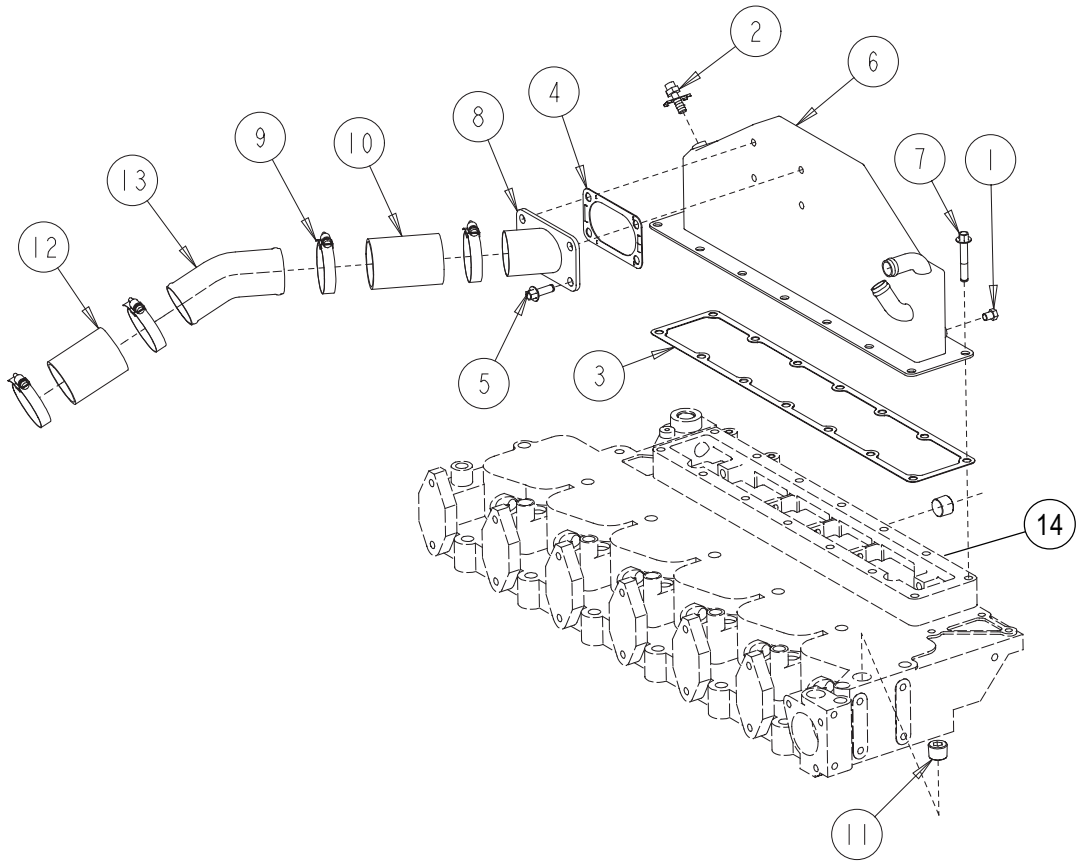
Parts Catalog pages are arranged in alphabetical order

**B-Series Powergen (100 & 125 KVA)
AFTERCOOLER PLUMBING - 6BTA 5.9 G1**



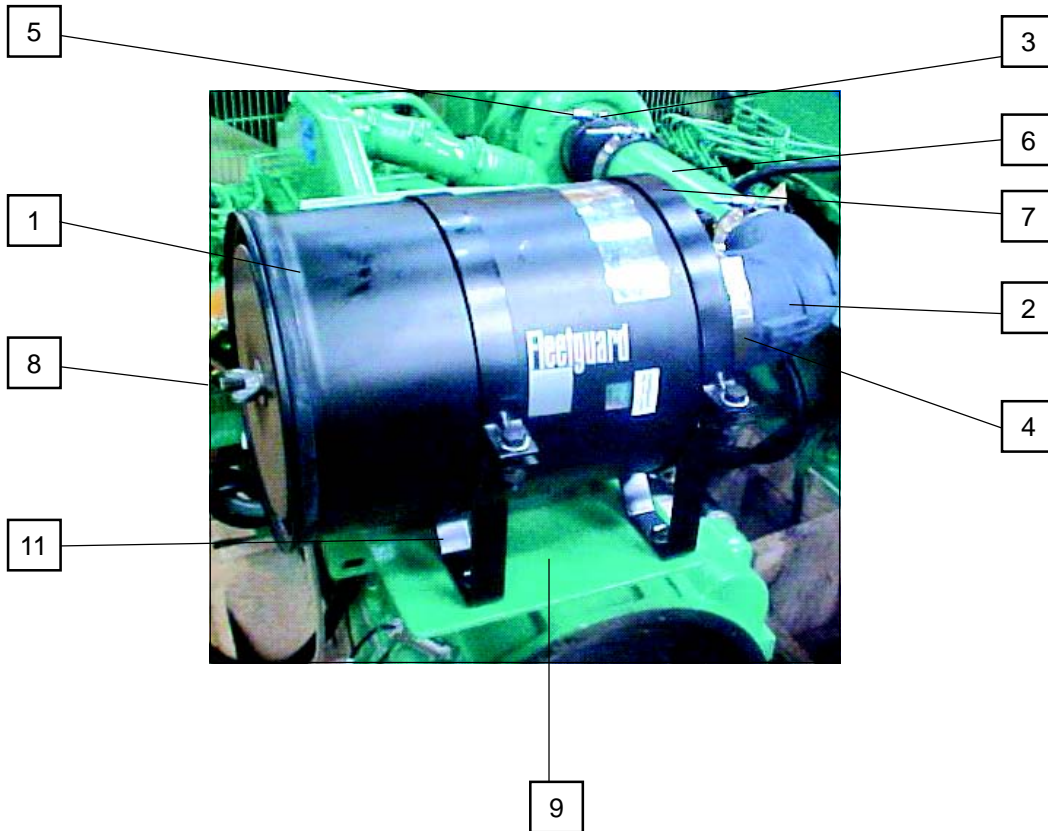
No.	Part Number	Description ⁴	Qty.	Remark
1	3282704	Tube, Aftercooler	1	
2	3918611	Hose, Plain	2	
3	3936554	Clamp, Hose	6	
4	4080654	Hose, Elbow	1	
5	4080718	Coupling, Elbow Hose	1	
6	3919806	Aftercooler Assembly	1	

**B-Series Powergen (100 & 125 KVA)
AFTERCOOLER 6BTA 5.9 G1**



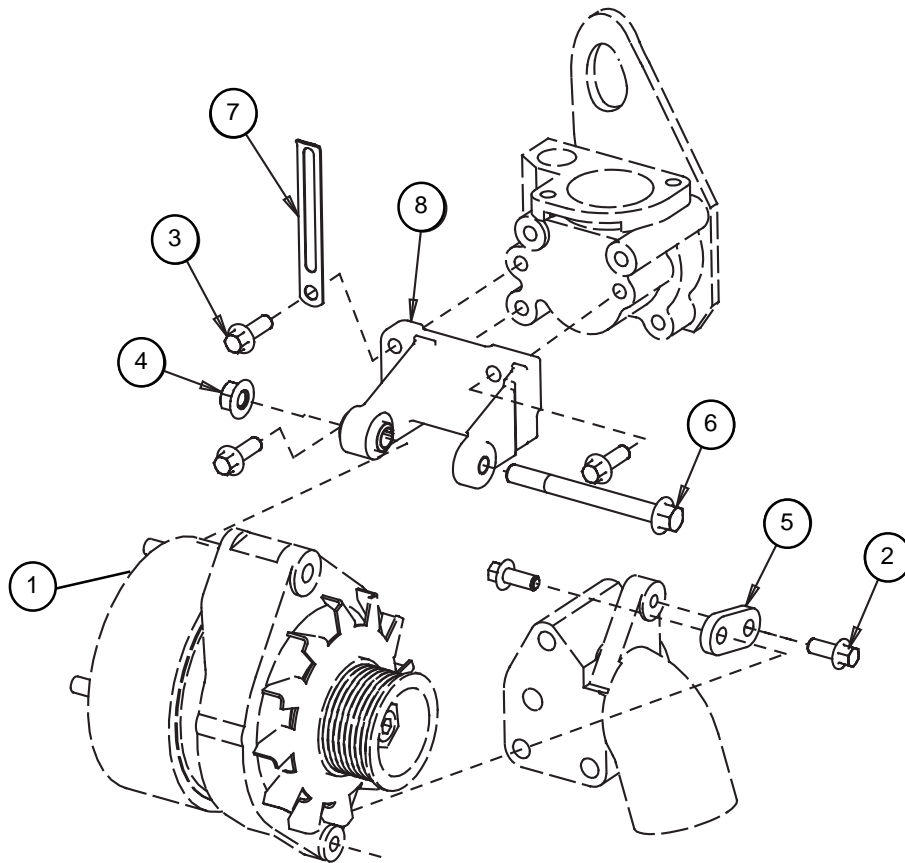
No.	Part Number	Description	Qty.	Remark
1	3906619	Plug, Pipe	1	1/8 NPT
2	3909394	Drain Cock	1	1/8 NPTF
3	3914029	Gasket, Int Manifold	1	
4	3914856	Gasket, Connection	1	
5	3918109	Screw, Hex Flange	4	M8 x 1.25 x 25
6	3919806	Aftercooler	1	
7	3930837	Screw, Hex Flange	14	M8 x 1.25 x 50
8	3933334	Connection, Air Crossover	1	
9	3936552	Clamp, Hose	4	
10	3936631	Hose, Plain	1	
11	3936641	Plug, Pipe	2	½ inch NPTF
12	4080646	Hose, Plain	1	
13	4080656	Tube Air	1	
14	4080679	Connection, Spacer	1	

**B-Series Powergen (82.5 KVA To 125 KVA)
AIR CLEANER ASSEMBLY**



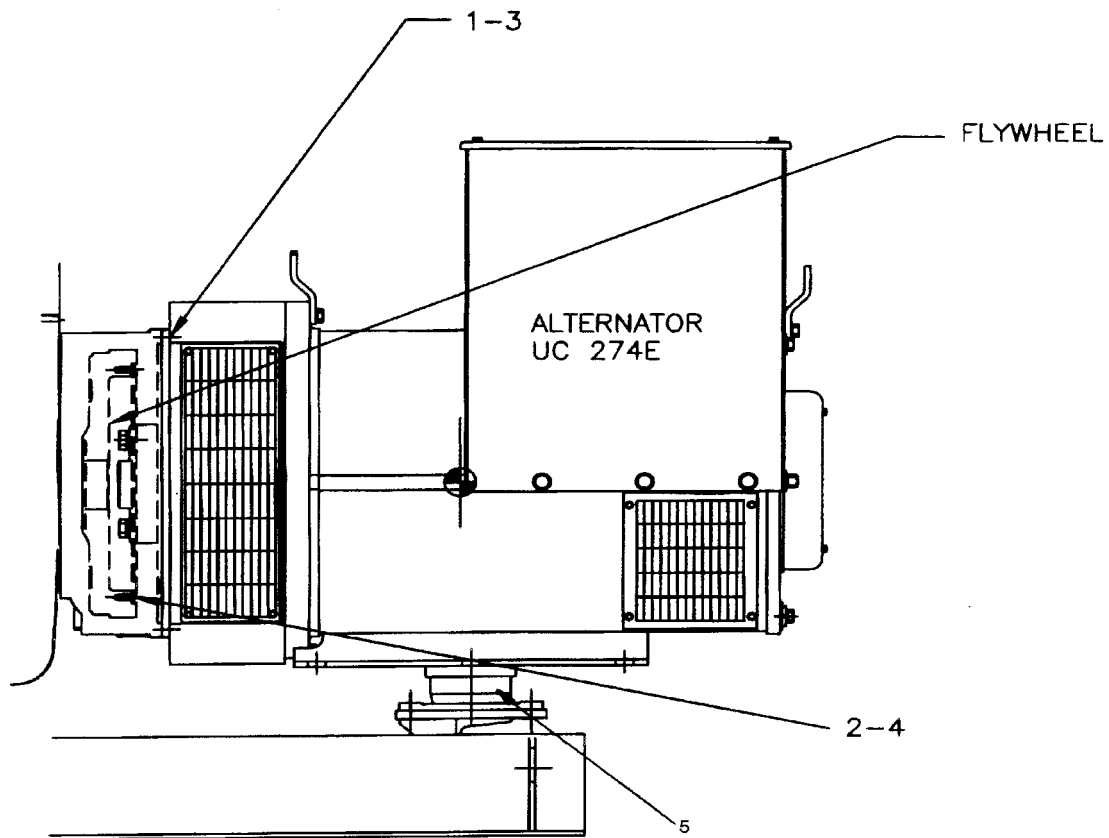
No.	Part Number	Description	Qty.	Remark
1	0140-4311	Air Cleaner	1	
2	0503-3158	Elbow-Hose	1	
3	0503-3160	Hose-Vacuum	1	
4	0503-3163-03	Clamp-Hose	3	
5	0503-3163-02	Clamp-Hose	1	
6	0130-8379	Tube-Air	1	
7	0140-4323-02	Indicator-Service	1	
8	0865-0035	Wing Nut	1	
9	0140-4320	Bracket-Air Cleaner	1	
10	0800-6520-56	Screw-Hex Flg Hd	2	
11	0800-6494-45	Screw-Hex Hd	4	
12	0526-2401-12	Washer-fl	8	
13	0850-2114-11	Washer-Sprlk	4	
14	0140-4317	Element, Air Cleaner - Primary	1	
15	0140-4318	Element, Air Cleaner - Safety	1	
16	0860-2127-13	Nut-hex	4	

**B-Series Powergen (82.5 KVA To 125 KVA)
ALTERNATOR CHARGING**



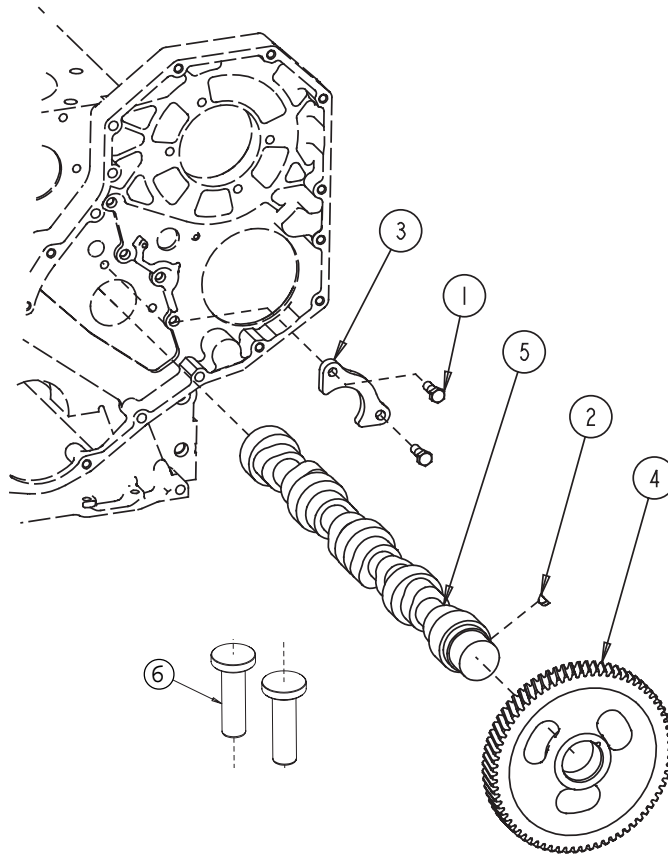
No.	Part Number	Description	Qty.	Remark
1	3936680	Alternator -12V	1	
2	3900630	Screw, Hex Flange	2	M8 x 1.25 x 20
3	3900631	Screw, Hex Flange	3	M8 x 1.25 x 25
4	3902662	Nut, Hex Flange	1	M10 x 1.50
5	3903089	Brace, Alternator	1	
6	3914407	Screw, H.F.H.C.	1	M10 x 1.50 x 100
7	3935267	Clamp	1	
8	4093828	Support Alternator	1	

**B-Series Powergen (82.5 KVA To 125 KVA)
AVM & ALTERNATOR MOUNTING SINGLE BEARING**



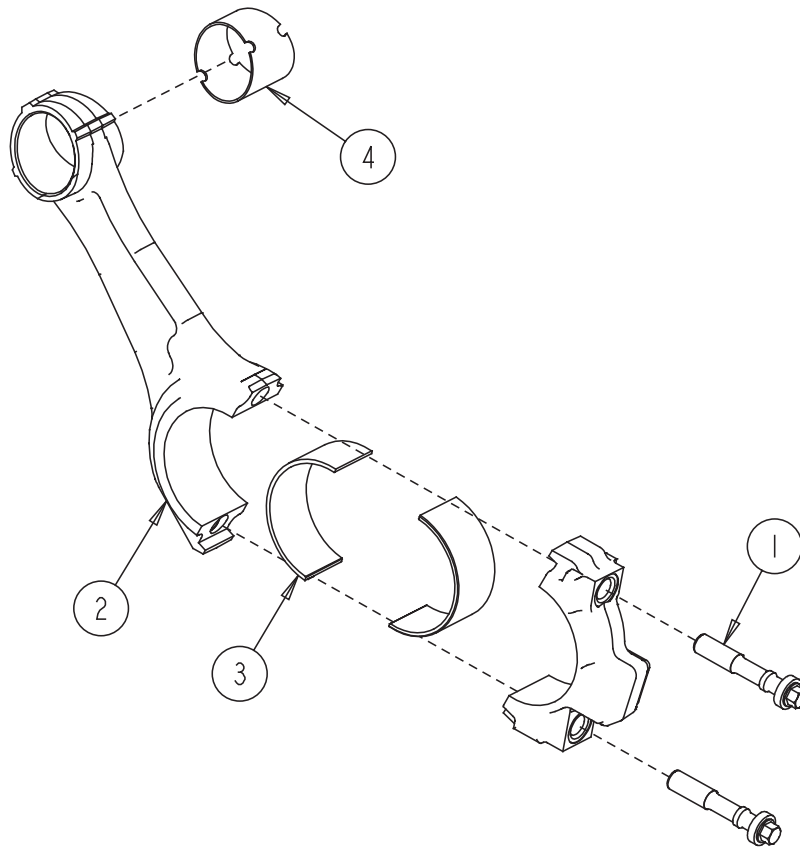
No.	Part Number	Description	6BT 5.9 G / G1	6BTA 5.9 G1 / G2	Remark
1	0800-6494-46	Screw-Hex Hd	4	4	For 6BT5.9 G/G1 (75 to 82.5 kva) 4 nos. below engine and alternator For 6BTA5.9 G1/G2 (100 to 12.5 kva) 2 nos. below engine
2	0800-6550-03	Screw-Hex Hd	8	8	
3	0850-2114-11	Washer-Spr Lk	12	12	
4	0850-2113-21	Washer, Lock	8	8	
5	0402-0972	Isolator-Vibration	—	2	
6	0402-0958	Isolator-Vibration	4	2	

**B-Series Powergen (82.5 KVA To 125 KVA)
CAMSHAFT ASSEMBLY**



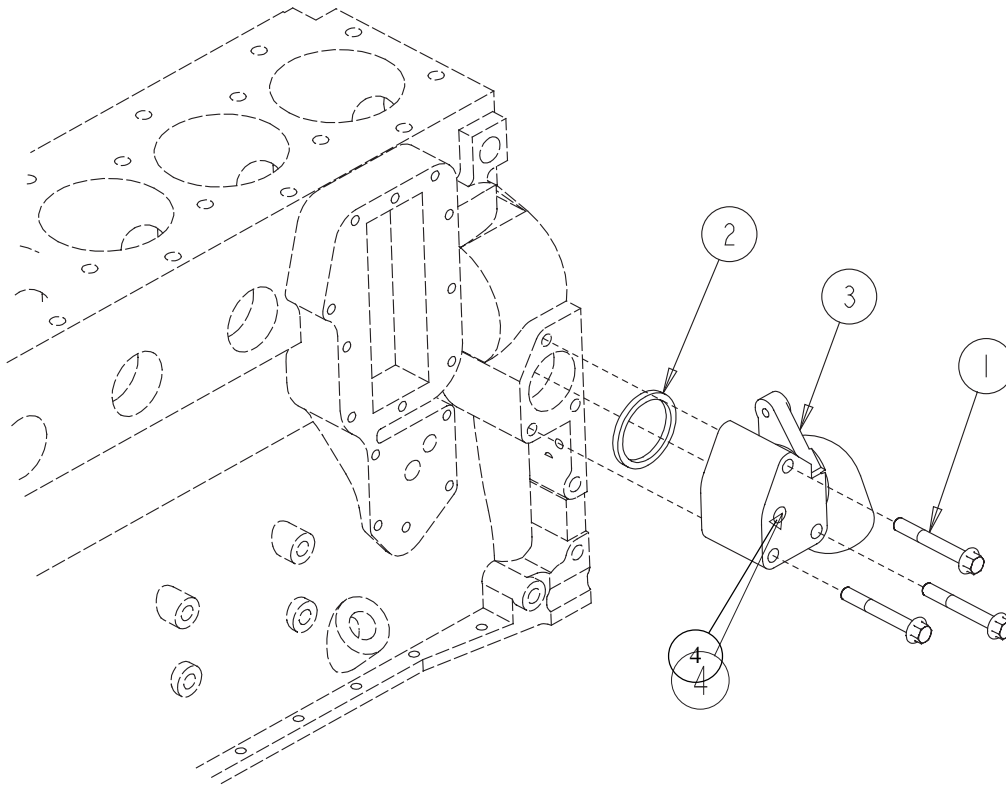
No.	Part Number	Description	Qty.	Remark
1	3900227	Screw, Hexagon Head	2	M8 x 1.25 x 22
2	3902332	Key, Plain Woodruf	1	Alternate Part No. 3936612
3	3927155	Support, Camshaft Thrust	1	
4	3929028	Gear, Camshaft	1	
5	3929886	Camshaft	1	
6	3931623	Tappet Valve	8	

**B-Series Powergen (82.5 KVA To 125 KVA)
CONNECTING ROD ASSEMBLY**



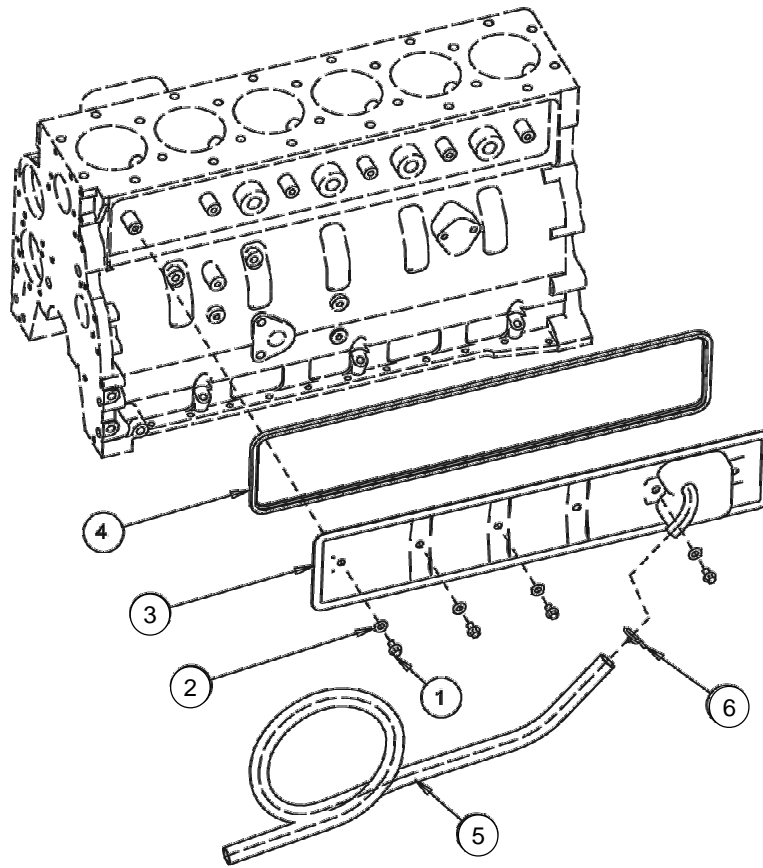
No.	Part Number	Description	Qty.	Remark
1	3900919	Screw, Connecting Rod Cap	12	MJ11 x 1.25 x 59
2	3935349	Rod, Engine Connecting	6	
3	3939859	Bearing, Connecting Rod	12	Not Serviceable
4	3941476	Bushing	6	
5	3535349	Rod, Engine	6	For Service
6	3900919	Screw, Con-Rod Cap	12	
7	3935348			
8	4891178	Bushing	6	
		SERVICE PARTS		
A	4080702	Set, Connecting Rod Bearing	1	Standard
B	4080703	Set, Connecting Rod Bearing	1	Oversize 1
C	4080704	Set, Connecting Rod Bearing	1	Oversize 2
D	4080705	Set, Connecting Rod Bearing	1	Oversize 3
E	4080706	Set, Connecting Rod Bearing	1	Oversize 4

**B-Series Powergen (82.5 KVA To 125 KVA)
CONNECTION, WATER**



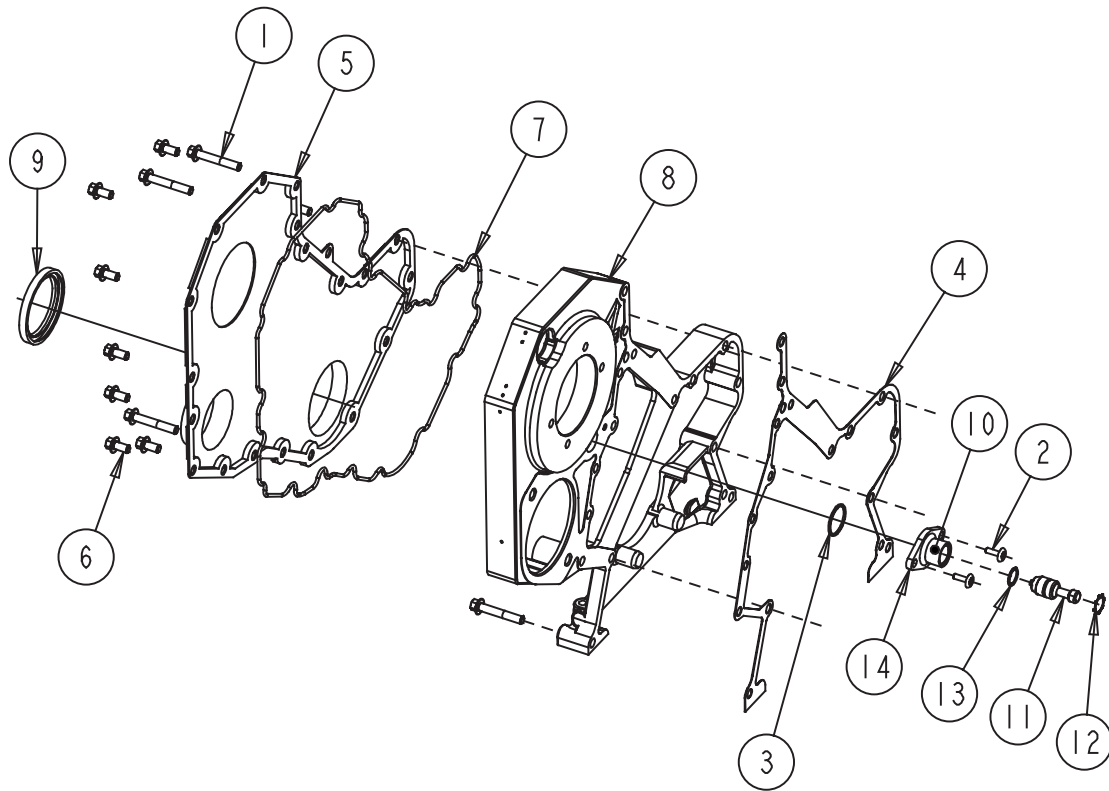
No.	Part Number	Description	Qty.	Remark
1	3901757	Screw, Hex Flange	3	M10 x 1.50 x 75
2	3906697	Seal, Rectangular	1	
3	3934878	Connection, Water Inlet	1	
4	3936641	Plug NPTF - 1/2"	2	

**B-Series Powergen (82.5 KVA To 125 KVA)
COVER, CAM FOLLOWER**



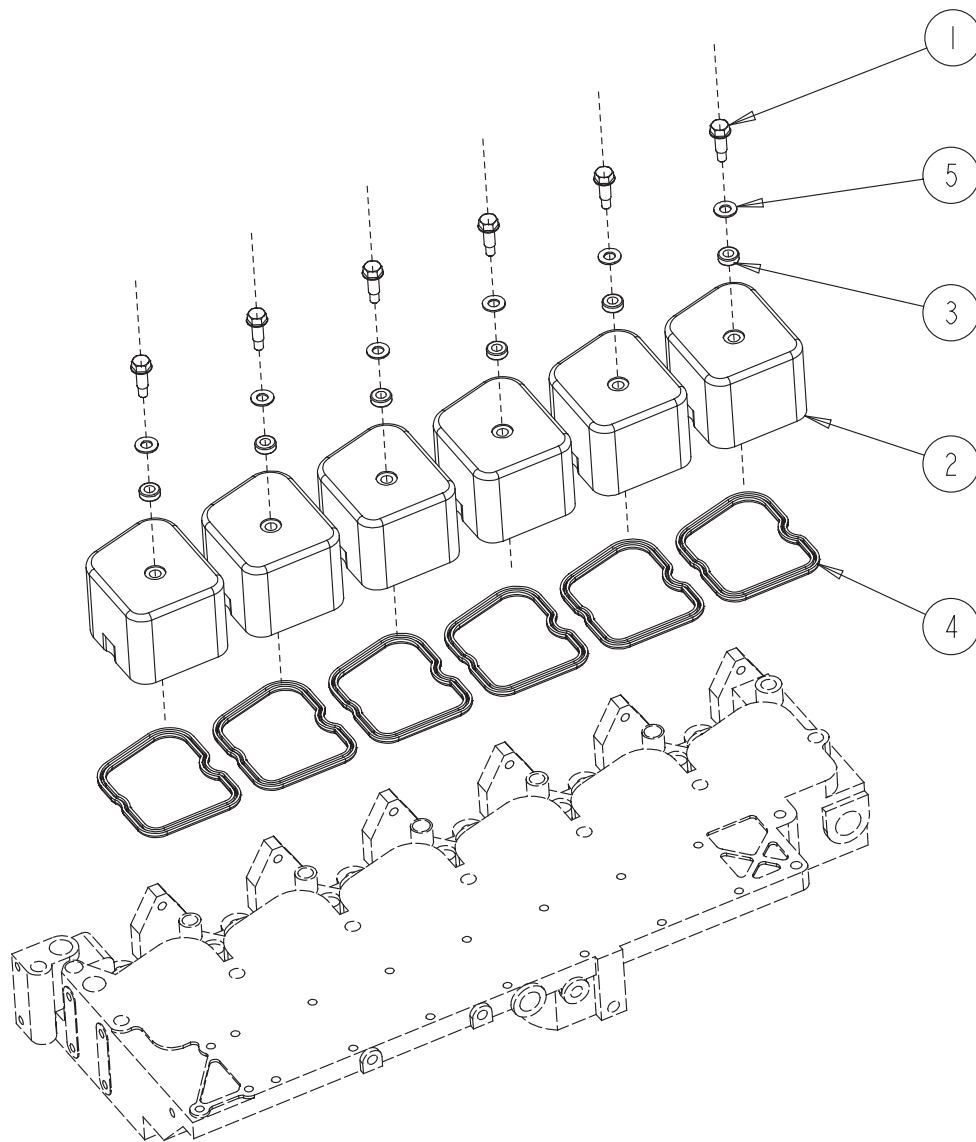
No.	Part Number	Description	Qty.	Remark
1	3900629	Screw Hex Flange	2	M8 x 1.25 x 16
2	3928759	Seal, Grommet	1	
3	3936578	Cover, Push Rod	1	
4	3928832	Gasket, Push Rod	1	
5	3814821	Hose, Plain (Breather)	1	
6	3904230	Clamp, Hose	1	

**B-Series Powergen (82.5 KVA To 125 KVA)
COVER, FRONT GEAR**



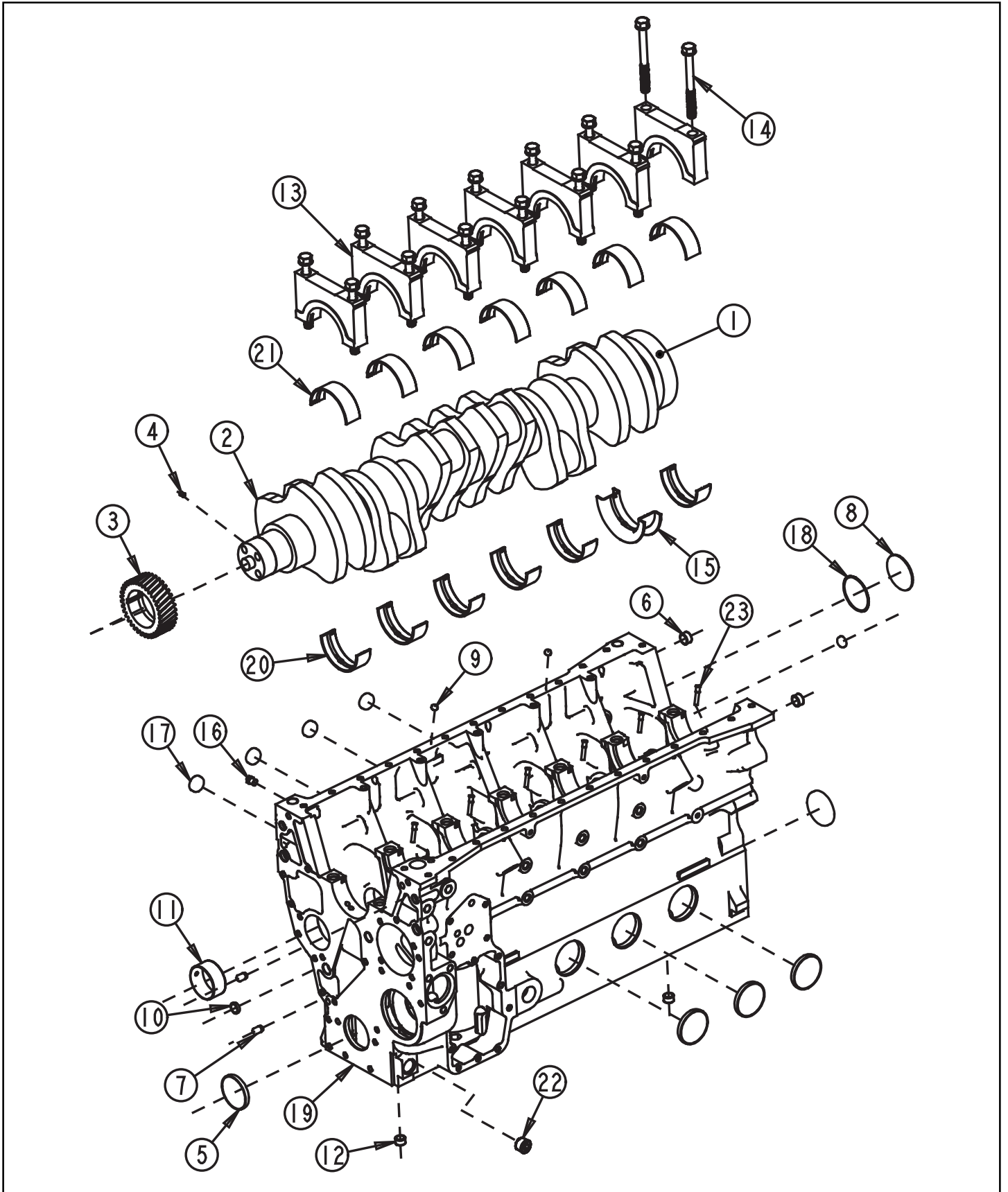
No.	Part Number	Description	Qty.	Remark
1	3900633	Screw, Hex Flange	11	M8 x 1.25 x 50
2	3907998	Screw, Round Head	2	M5 x 0.80 x 17
3	3915772	Seal, Rectangular	1	
4	3916131	Gasket, Gear Housing	1	
5	3918675	Cover, Gear	1	
6	3924962	Screw, Hex Flange	16	M8 x 1.25 x 16
7	3931904	Liquid Gasket	1	Available in 60 gm Tube.
8	3932120	Housing, Gear	1	Old Part No. 3928019
9	3935959	Seal Oil	1	
10	3913995	Housing, Timing Pin	1	Not Serviceable
11	3903924	Pin, Timing	1	
12	3904849	Ring, Retaining	1	
13	3913994	Seal, 'O' Ring	1	
14	3919683	Housing, Timing Pin	1	
15	3918673	Gasket, Gear Cover	1	Service Part

**B-Series Powergen (82.5 KVA To 125 KVA)
COVER, VALVE**



No.	Part Number	Description	Qty.	Remark
1	3907049	Screw, Hex Flange	6	M8 x 1.25 x 21
2	3928404	Valve, Cover	6	
3	3928406	Isolator, Noise	6	
4	3930906	Gasket, Valve Cover	6	
5	S 602	Washer, Plain	6	

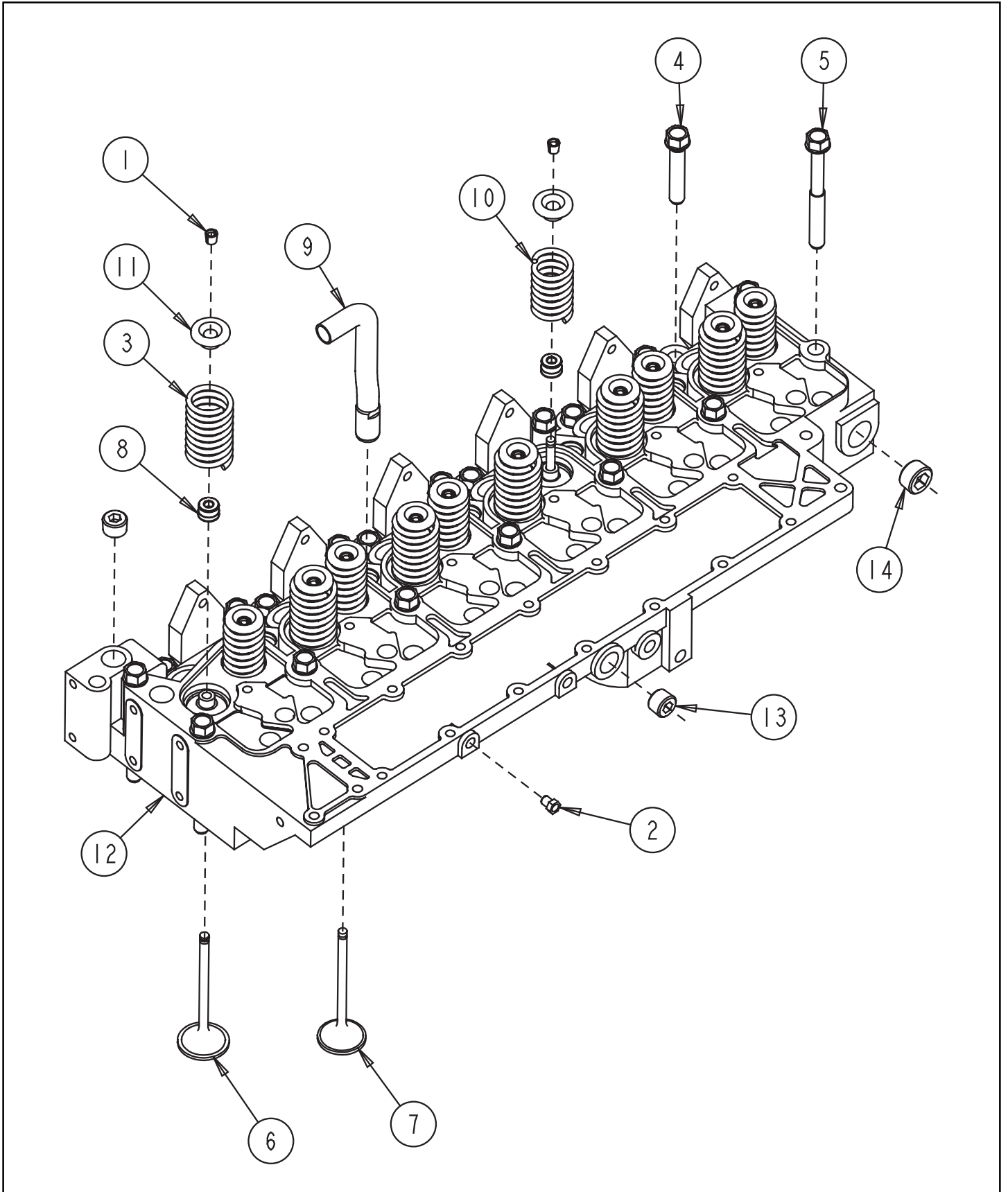
**B-Series Powergen (82.5 KVA To 125 KVA)
CYLINDER BLOCK**



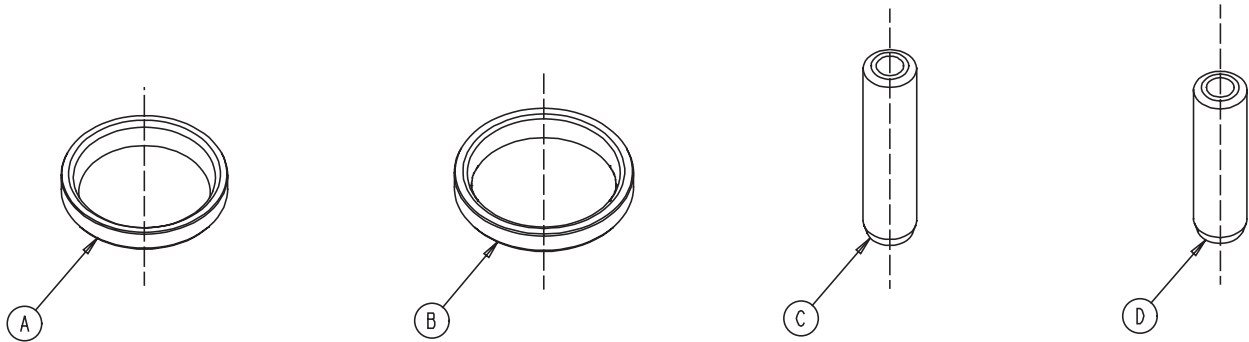
**B-Series Powergen (82.5 KVA To 125 KVA)
CYLINDER BLOCK**

No.	Part Number	Description	Qty.	Remark
1	3908032	Crankshaft, Assembly	1	
2	-3929037	Crankshaft	1	
3	-3929027	Gear, Crankshaft	1	
4	-3904483	Dowel, Pin	1	
5	3812090	Plug, Expansion	5	
6	3900068	Dowel, Ring	2	
7	3900257	Dowel, Pin	2	
8	3900687	Plug, Expansion	1	
9	3900955	Plug, Expansion	2	
10	3900956	Plug, Expansion	2	
11	3901306	Bushing	1	
12	3902343	Dowel, Ring	2	
13	3903492	Assy. Cap Main Bearings	7	
14	3904217	Screw, Hex Flange Head Cap	14	
15	3906230	Bearing, Crankshaft Thrust	1	Not Serviceable Alt. 3927772
16	3906619	Plug, Pipe	1	
17	3007635	Plug, Expansion	4	On Cam Follower side
18	3926047	Seal, O Ring	1	
19	3928797	Block	1	Not Serviceable
20	3929016	Bearing, Main	6	Not Serviceable
21	3929021	Bearing, Main	7	Not Serviceable
22	3936641	Plug Pipe	1	Alternate Part No. 3008486
23	3937214	Nozzle, Piston Cooling	6	Alternate Part No. 3930139
SERVICE PARTS				
A	4080707	Set, Main Bearing (Std.)	1	Set of Main Bearing & Thrust Bearing
B	4080708	Set, Main Bearing	1	Oversize # 1
C	3802072	Set, Main Bearing	1	Oversize # 2
D	3802073	Set, Main Bearing	1	Oversize # 3
E	3802074	Set, Main Bearing	1	Oversize # 4
F	4094029	Sleeve, Salvage	6	Collared Sleeve
G	3936600	Cylinder Block Assembly	1	Complete Cyl. Block Assy.
H	3935334	Cylinder Block Assembly	1	Oversize # 1
I	3903242	Bushing	6	Oversize
J	3904369	Bushing	1	Oversize
K	3936620	Crankshaft Assembly	1	Pin undersize
L	3936621	Crankshaft Assembly	1	Journal undersize
M	3936622	Crankshaft Assembly	1	Pin & Journal undersize

**B-Series Powergen (82.5 KVA To 125 KVA)
CYLINDER HEAD**



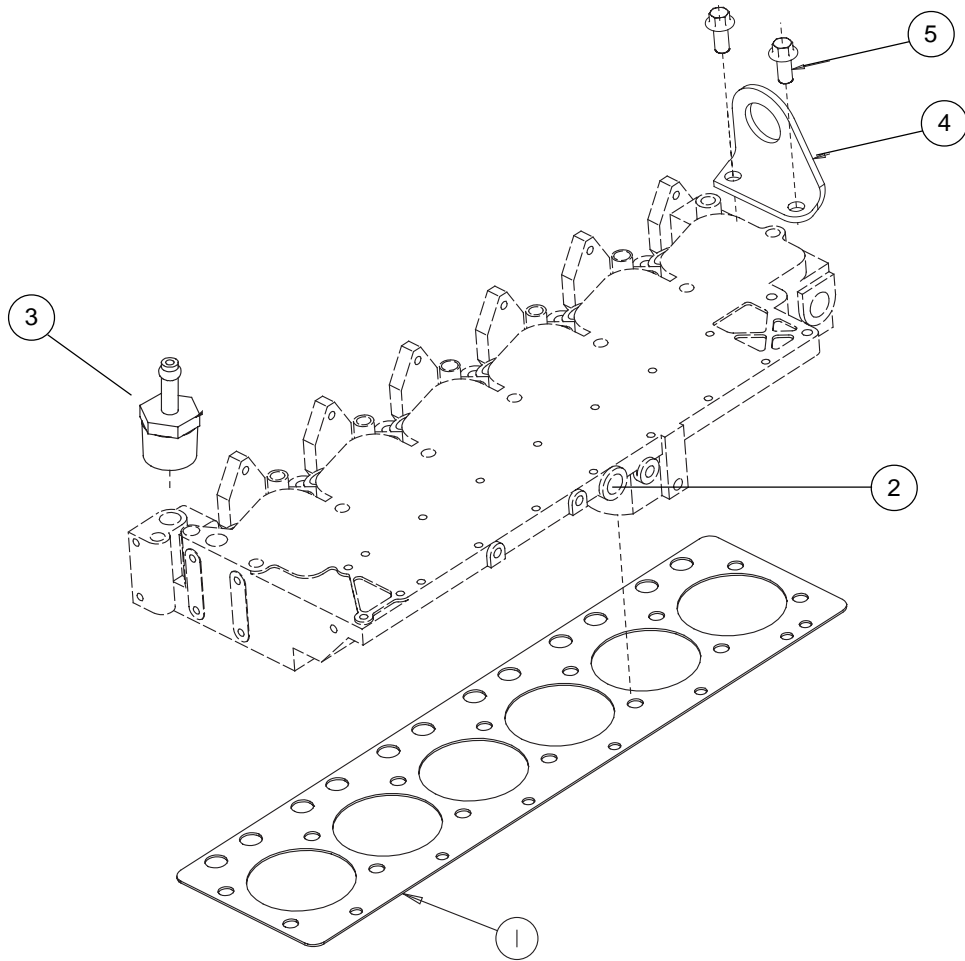
**B-Series Powergen (82.5 KVA To 125 KVA)
CYLINDER HEAD**



SERVICE PARTS

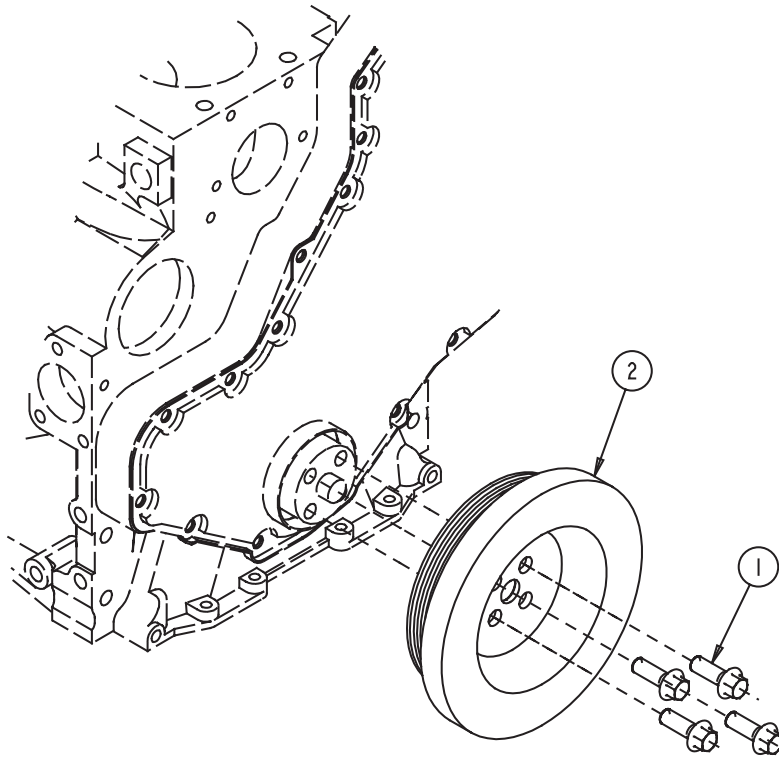
No.	Part Number	Description	Qty.	Remark
1	3900250	Collet	12	Used 2 Nos. per Valve Spring
2	3906619	Plug, Pipe	1	1/8 NPT
3	3916691	Spring, Intake Valve	6	
4	3920779	Screw, Hex Flange	6	M12 x 1.75 x 70
5	3920780	Screw, Hex Flange	14	M12 x 1.75 x 120
6	3920867	Valve, Intake	6	
7	3920868	Valve, Exhaust	6	
8	3921640	Seal, Valve System	12	
9	3926446	Tube, Aftercooler	1	
10	3926700	Spring, Exhaust Valve	6	
11	3936572	Retainer, Valve Spring	12	
12	3936613	Head, Cylinder	1	Old Part No. 3925389
13	3936641	Plug, Pipe	2	
14	3936642	Plug, Pipe	1	
SERVICE PARTS				
A	3904105	Insert, Valve	6	Exhaust
B	3906854	Insert, Valve	6	Inlet
C	3904408	Guide, Valve Stem	6	Inlet (Length : 60.50 mm)
D	3904409	Guide, Valve Stem	6	Exhaust (Length : 51.75 mm)
E	3927282	Head, Cylinder	1	Assembly Part - Serviceable

**B-Series Powergen (82.5 KVA To 125 KVA)
CYLINDER HEAD - MOUNTING**



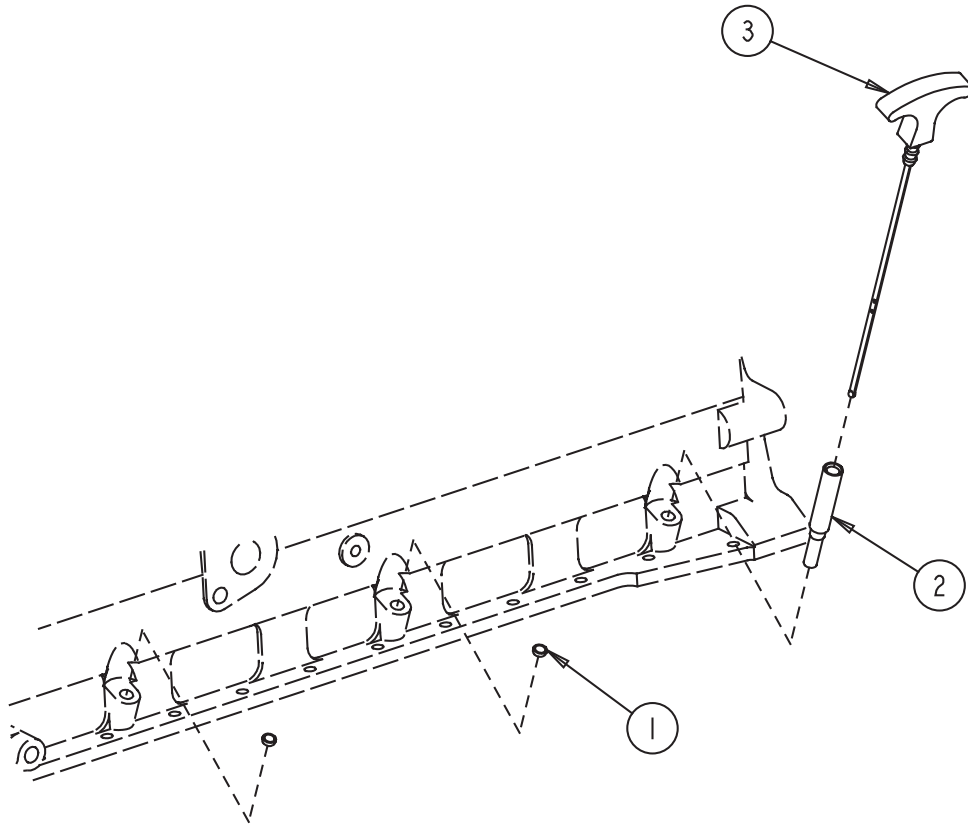
No.	Part Number	Description	Qty.	Remark
1	3282805	Gasket, Cylinder Head	1	
2	3906619	Plug, Pipe	1	
3	3935266	Connector	1	
4	3281012	Bracket, Lifting	1	
5	3910495	Screw, Hex Flange	2	M12 x 1.75 x 30

**B-Series Powergen (82.5 KVA To 125 KVA)
DAMPER, VIBRATION**



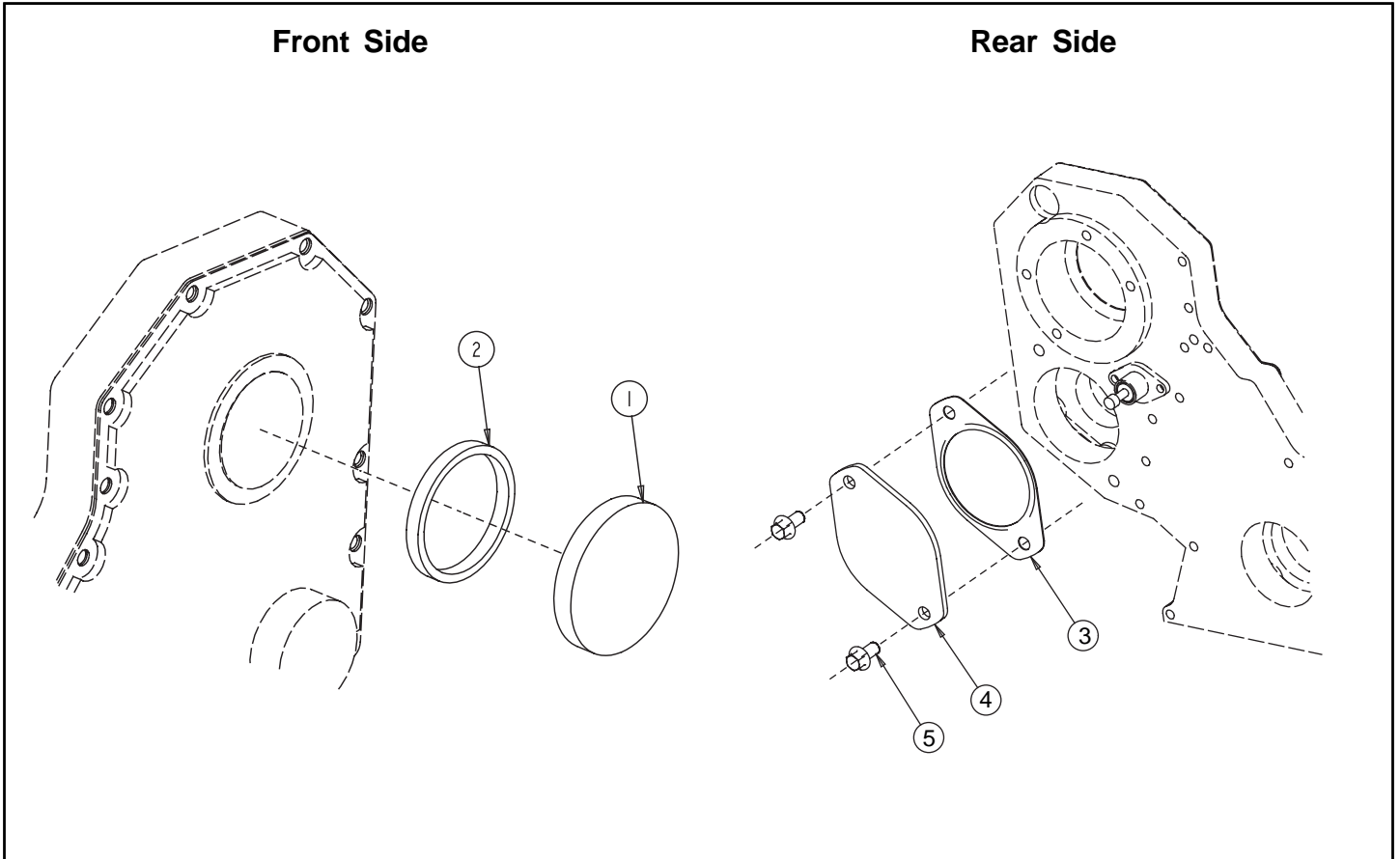
No.	Part Number	Description	Qty.	Remark
1	3903857	Screw, Hex Flange	4	M12 x 1.25 x 36
2	3914454	Damper, Vibration	1	

**B-Series Powergen (82.5 KVA To 125 KVA)
DIPSTICK ARRANGEMENT**



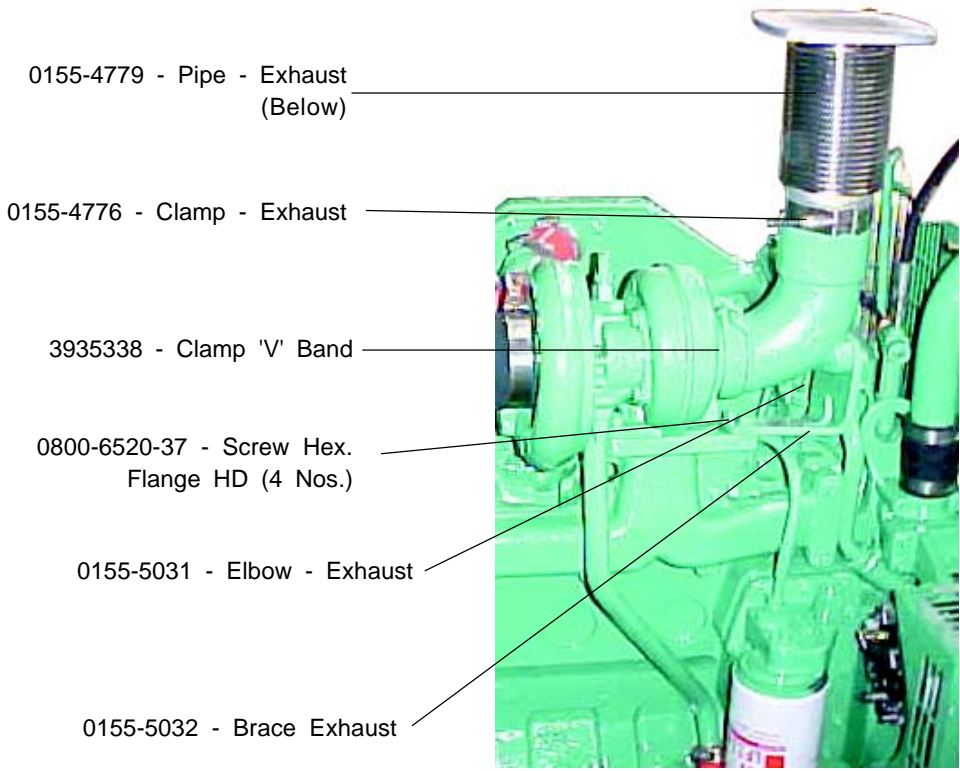
No.	Part Number	Description	Qty.	Remark
1	3900955	Plug, Expansion	2	
2	4080672	Tube Oil Gauge	1	
3	4080673	Dip Stick	1	

**B-Series Powergen (82.5 KVA To 125 KVA)
DRIVE, GEAR**



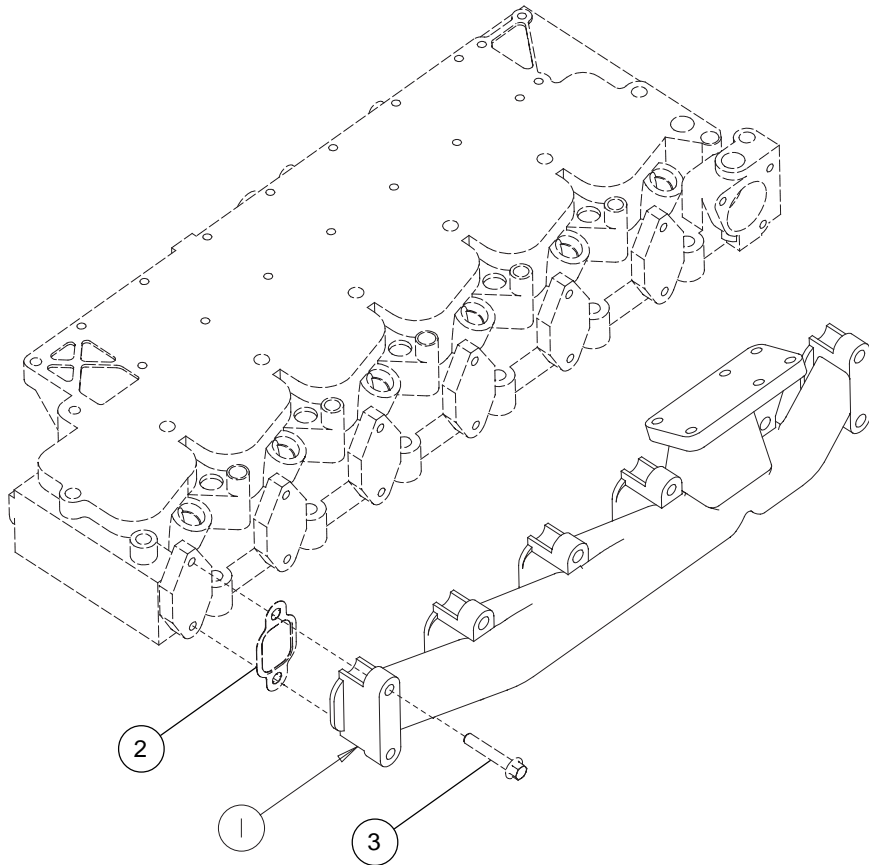
No.	Part Number	Description	Qty.	Remark
1	3903463	Cover, Access Hole	1	
2	3903475	Seal, Rectangular	1	
3	3008400	Gasket, Hydraulic	1	
4	3200782	Plate Cover	1	
5	3901249	Screw, Hex Flange	2	M12 x 1.75 x 25

**B-Series Powergen (82.5 KVA To 125 KVA)
EXHAUST ASSEMBLY**



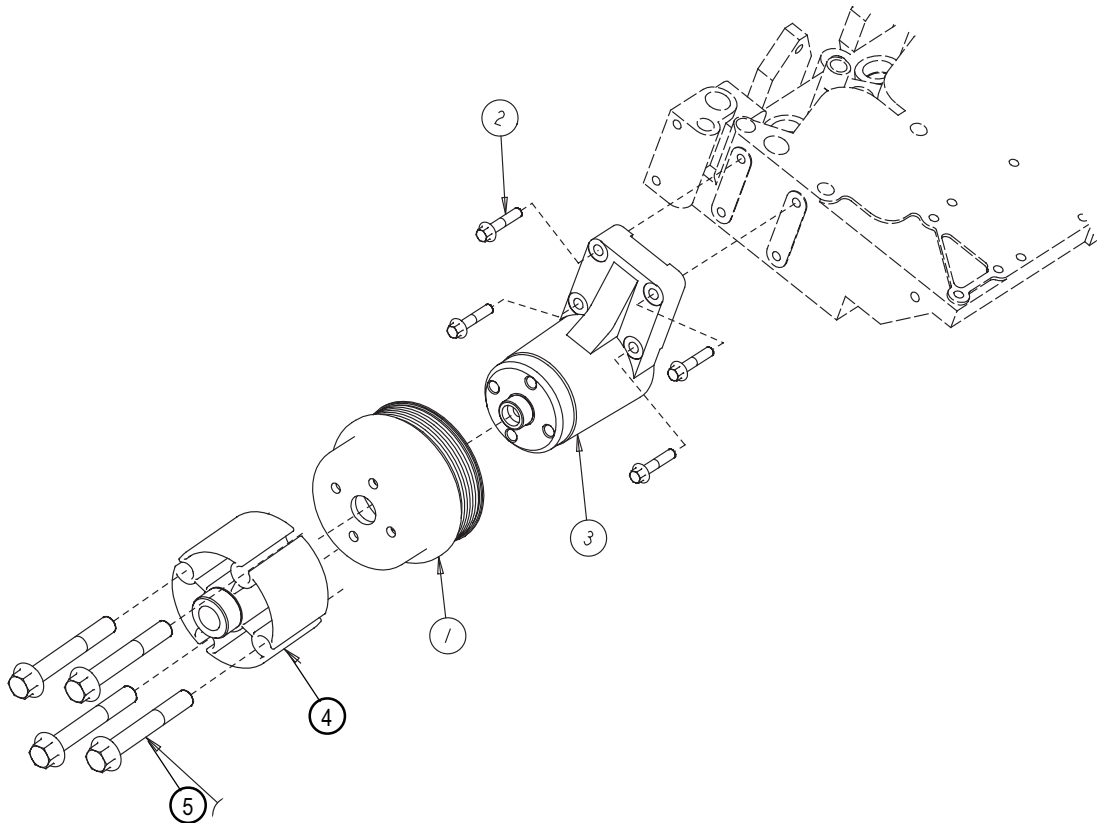
No.	Part Number	Description	Qty.	Remark
1	0155-5031	Elbow - exhaust	1	
2	0155-4776	Clamp - Exhaust	1	
3	0155-4779	Pipe - Exhaust	1	
4	0505-2545	Plug - Pipe	1	
5	0155-5032	Bracket - Exhaust	1	
6	0800-6520-37	Screw Hex Flange Hd	4	
	0155-5034	Muffler	1	6BT
	0155-5035	Muffler	1	6BTA
7	0155-4778	Gasket - Exhaust	3	
8	0814-2167	Screw, Twelve Point Cap	8	
9	0155-4777	Flange	3	Added in place of 3228968 Not in Sos

**B-Series Powergen (82.5 KVA To 125 KVA)
EXHAUST MANIFOLD**



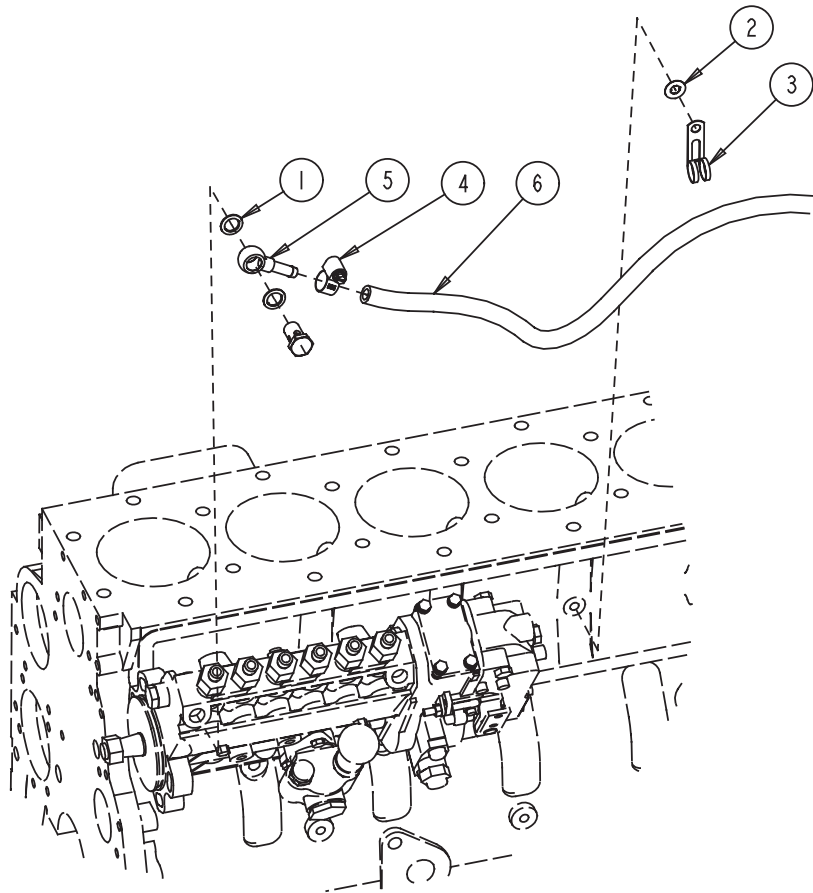
No.	Part Number	Description	Qty.	Remark
1	3901683	Manifold, Exhaust	1	
2	3905443	Gasket, Exhaust Manifold	6	
3	3901448	Screw, Flat Head Capscrew	12	M10 x 1.50 x 65

**B-Series Powergen (82.5 KVA To 125 KVA)
FAN, DRIVE**



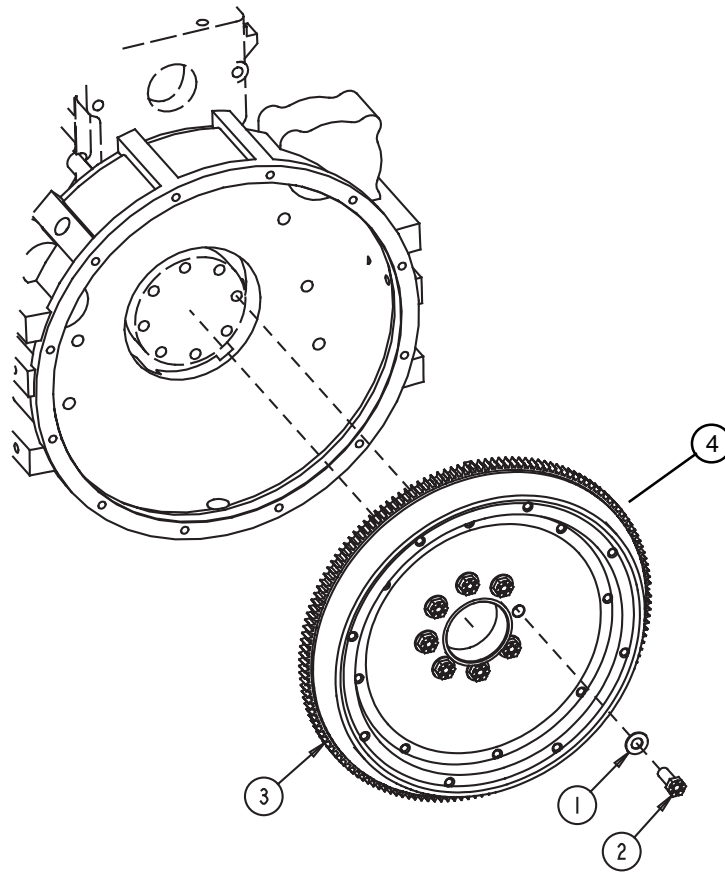
No.	Part Number	Description	Qty.	Remark
1	3814121	Pulley, Fan	1	
2	3900678	Screw, Hex Flange	4	M8 x 1.25 x 40
3	3913433	Support, Fan	1	
4	3936668	Spacer, Fan Pilot	1	For 6 BTA
5	3904446	Screw, Hex Flange Head Cap	4	M10 x 1.50 x 70 For 6 BTA
6	3922900	Tensioner Belt	1	
7	3925207	Bracket, Tensioner Belt	1	
8	3911560	Belt, 'V' Ribbed	1	Not in above Picture
9	0205-0383	Fan Assy.	1	For 6 BTA
9	0205-0382	Fan Assy.	1	For 6 BT
10	0130-8368	Spacer - Fan	1	For 6 BT
11	0800-6520-46	Screw - Hex Flg. Hd.	4	For 6 BT

**B-Series Powergen (82.5 KVA To 125 KVA)
FUEL DRAIN TUBE**



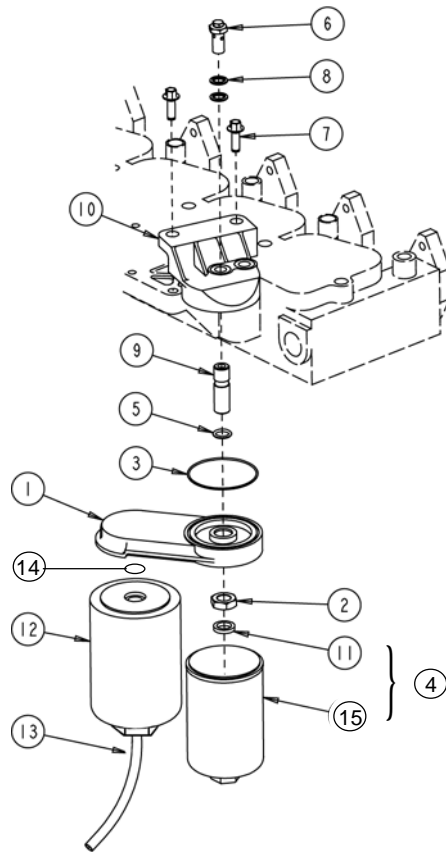
No.	Part Number	Description	Qty.	Remark
1	3918192	Washer, Sealing	2	
2	3928759	Seal, Grommet	1	
3	3935267	Clamp	1	
4	3936583	Clamp, Hose	1	
5	3936593	Banjo Connector	1	
6	3936594	Hose, Straight	1	

**B-Series Powergen (82.5 KVA To 125 KVA)
FLYWHEEL**



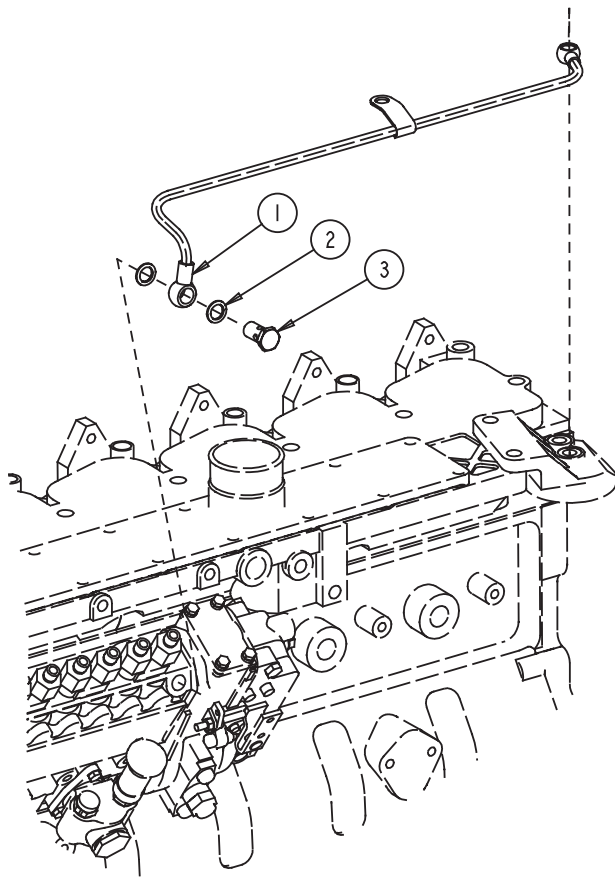
No.	Part Number	Description	Qty.	Remark
1	3900269	Washer, Plain	8	M12
2	3901395	Screw, Hex Head	8	M12 x 1.25 x 32
3	3936821	Flywheel with Ring Gear - SAE 11.5	1	Alternate Part No. 4093655
4	3978313	Ring Gear -159 Teeth	1	

**B-Series Powergen (82.5 KVA To 125 KVA)
FUEL FILTER**



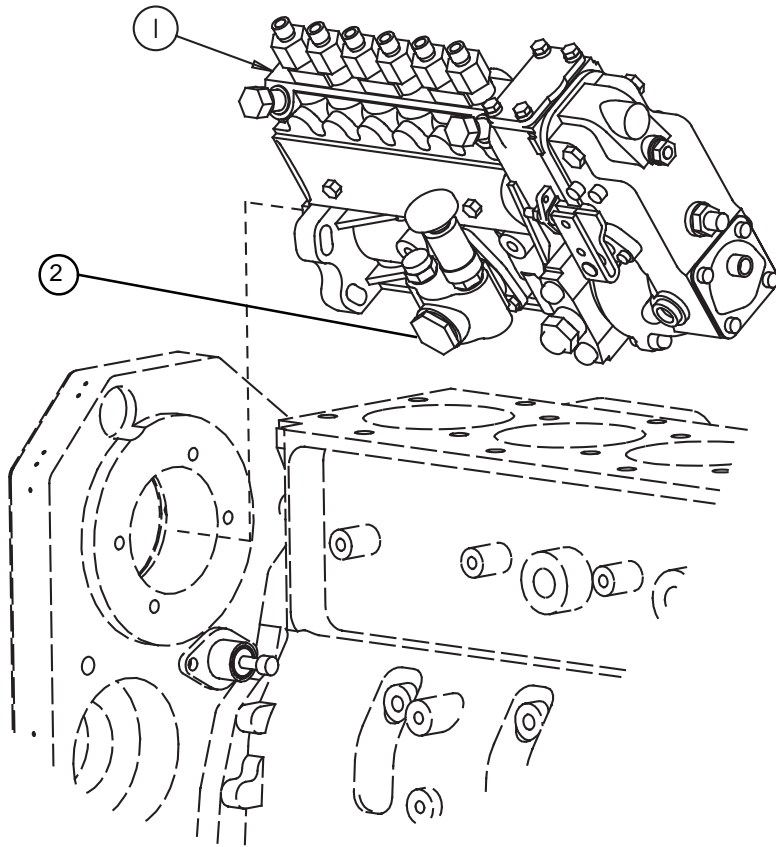
No.	Part Number	Description	Qty.	Remark
1	3897331	Head, Fuel Filter	1	
2	3903293	Nut, Regular Hexagonal	1	M16 x 1.50 Hex.
3	3903546	Seal, O Ring	1	
4	3903640	Fuel Filter with Rectangular Gasket	1	Serviceable by Fleetguard
5	3903846	Seal, O Ring	1	
6	3905860	Screw, Banjo Connector	1	
7	3918109	Screw, Hex Flange	2	
8	3918191	Washer, Sealing	2	
9	3925955	Adaptor, Filter Head	1	M16 x 1.50 (Both Ends)
10	3931892	Head, Fuel Filter	1	
10	3930969	Head Fuel Filter	1	
11	4080677	Gasket Rectangular	1	
12	4093731	Separator, Fuel Water	1	Serviceable by Fleetguard
13	4093732	Drain Valve	1	Serviceable by Fleetguard
14	4080678	Gasket Rectangular	1	
15	4080713	Fuel Filter (without Rectangular Gasket)	1	

**B-Series Powergen (82.5 KVA To 125 KVA)
FUEL FILTER - PLUMBING**



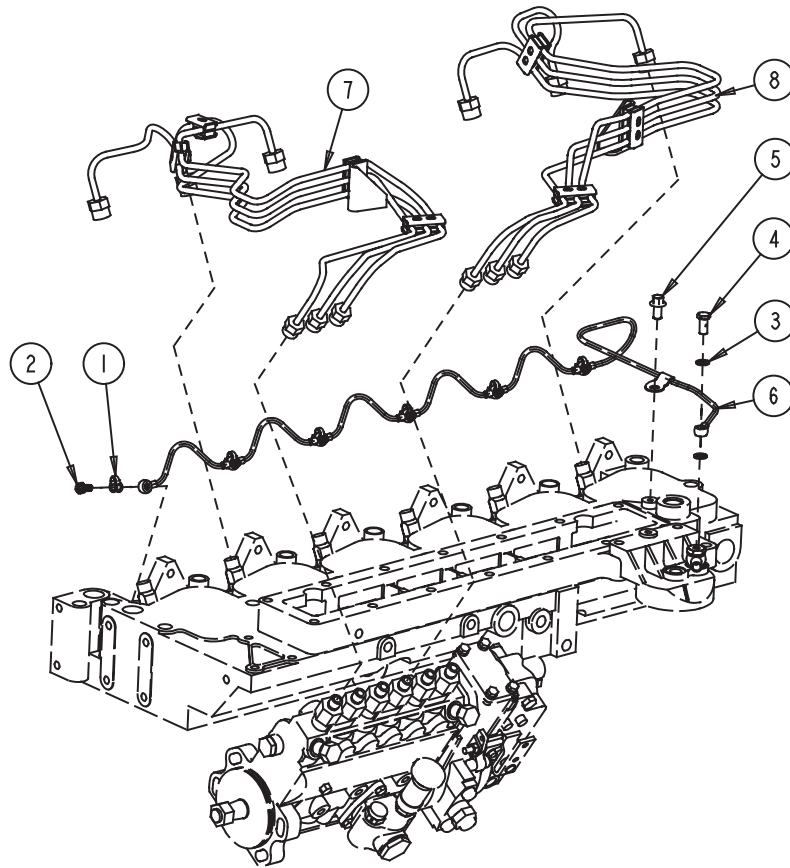
No.	Part Number	Description	Qty.	Remark
1	4080764	Tube Fuel Supply	1	
1	3162000	Tube, Fuel Supply	1	
2	3918192	Washer, Sealing	2	
3	3924725	Screw, Banjo Connector	1	M14 x 1.50 x 26

**B-Series Powergen (82.5 KVA To 125 KVA)
FUEL INJECTION PUMP**



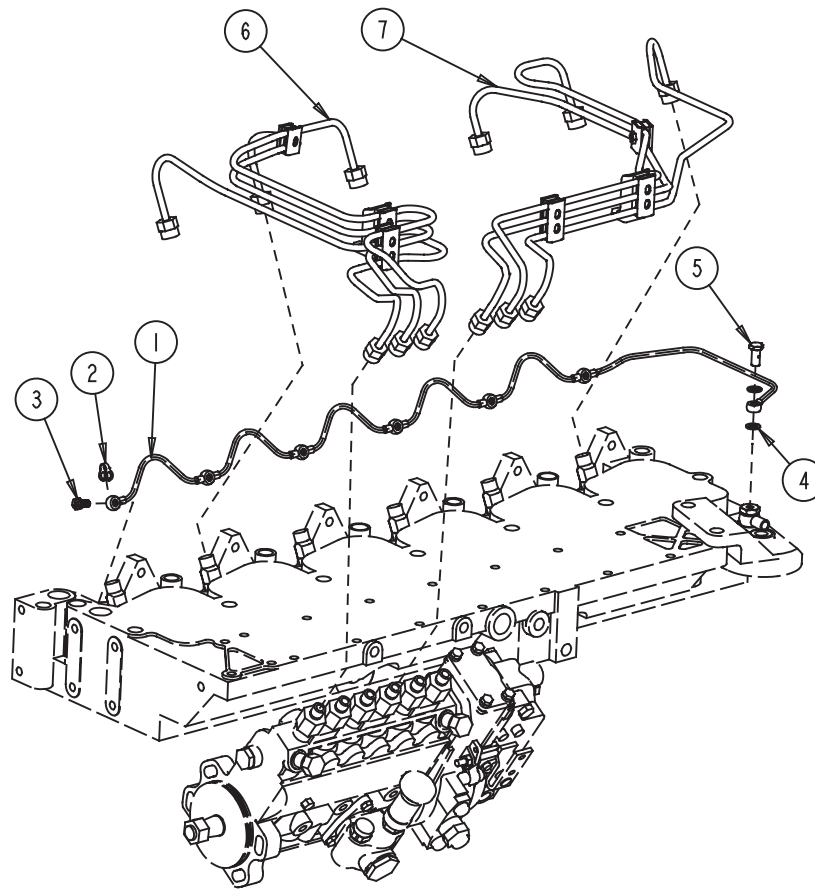
No.	Part Number	Description	Qty.	Remark
1	4093809	Pump, Fuel Injection (75/82.5 KVA)	1	6 BT 5.9 G/G1
1	4093810	Pump, Fuel Injection (100 KVA)	1	6 BTA 5.9 G1
1	4093811	Pump, Fuel Injection (125 KVA)	1	6 BTA 5.9 G2-I
2	3935319	Feed Pump, Fuel (MICO)		

**B-Series Powergen (82.5 KVA)
FUEL INJECTION PUMP - PLUMBING - 6 BT 5.9G1**



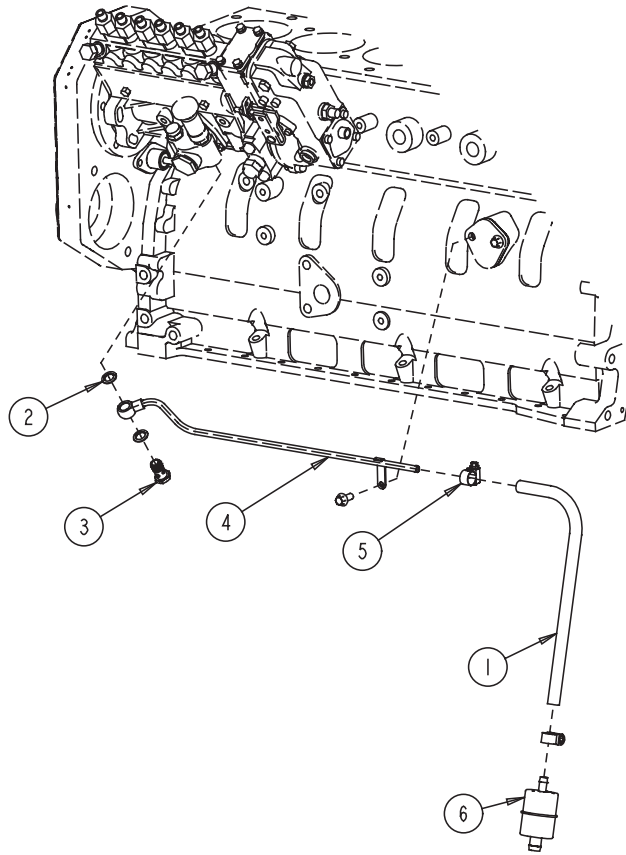
No.	Part Number	Description	Qty.	Remark
1	3903380	Seal, Banjo Connector	6	6.2mm
2	3905307	Screw, Banjo Connector	6	M6 x 1.00 x 14.3
3	3918188	Washer, Sealing	2	8mm
4	3924726	Valve, Check	1	M8 x 1.25 x 17.5
5	3924962	Screw, Hex Flange	1	M8 x 1.25 x 16
6	4080675	Fuel, Manifold	1	
7	4080761	Tube, Inj Fuel Supply	1	
8	4080762	Tube, Inj Fuel Supply	1	

**B-Series Powergen (100 & 125 KVA)
FUEL INJECTION PUMP - PLUMBING - 6 BTA 5.9 G1/G2-1**



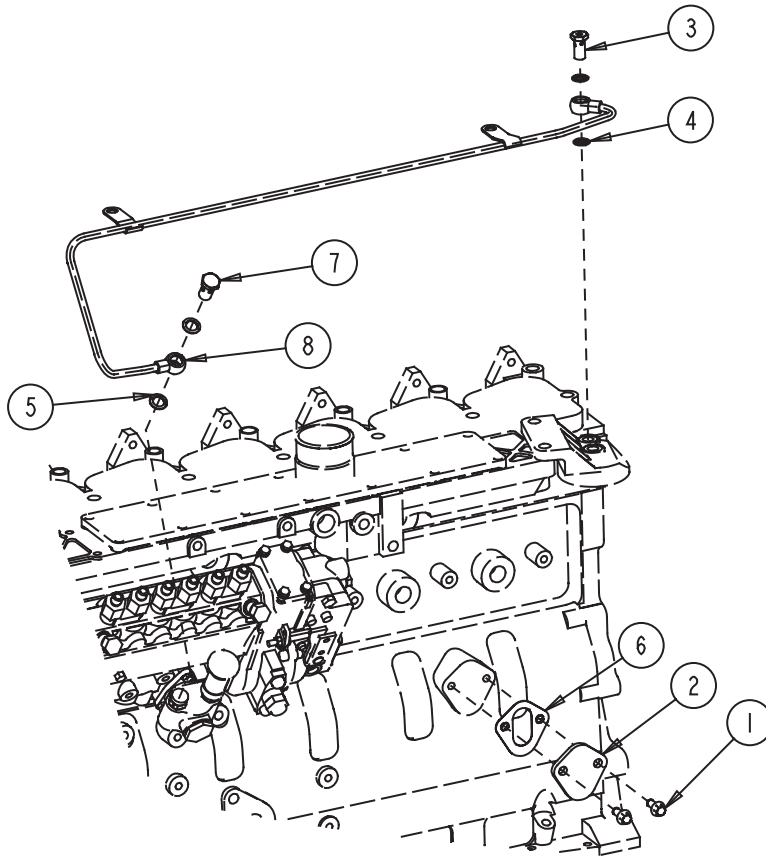
No.	Part Number	Description	Qty.	Remark
1	3162001	Manifold, Fuel	1	
2	3903380	Seal, Banjo Connector	6	6.2 mm
3	3905307	Screw, Banjo Connector	6	M6 x 1.00 x 14.3
4	3918188	Washer, Sealing	2	8mm
5	3924726	Valve, Check	1	M8 x 1.25 x 17.5
6	3931842	Tube, Inj Fuel Supply	1	
7	3931843	Tube, Inj Fuel Supply	1	

**B-Series Powergen (82.5 KVA To 125 KVA)
FUEL LINES CONNECTIONS**



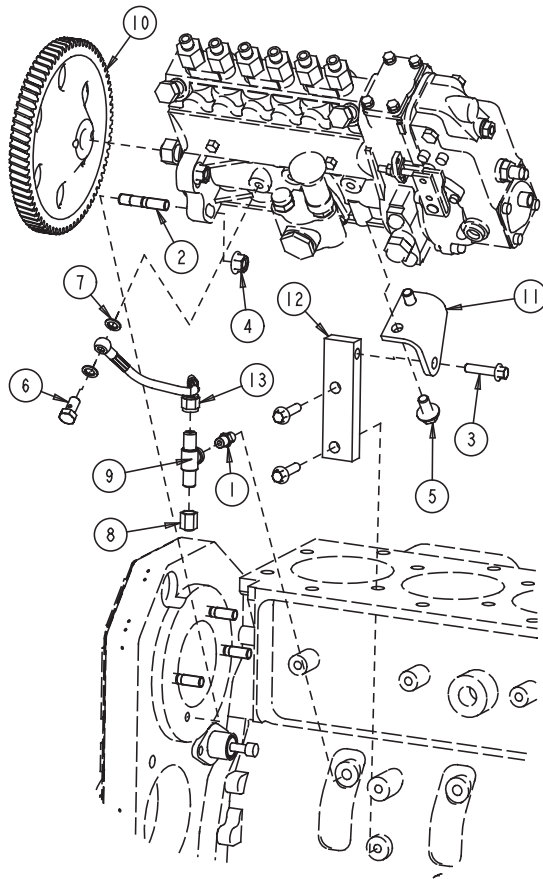
No.	Part Number	Description	Qty.	Remark
1	3915489	Hose, Plain	1	M14 x 1.50 x 26
2	3918192	Washer, Sealing	2	
3	3924725	Screw, Banjo Connector	1	
4	3935321	Tube Fuel Supply	1	
5	3936583	Clamp, Hose	2	
6	4080720 3936593	Strainer, Fuel Banjo Connector	1 1	

**B-Series Powergen (82.5 KVA To 125 KVA)
FUEL LIFT PUMP**



No.	Part Number	Description	Qty.	Remark
1	3900630	Screw, Hex Flange	2	M8 x 1.25 x 20
2	3904046	Plate, Cover	1	
3	3916361	Screw, Banjo Connection	1	M12 x 1.50 x 24
4	3918191	Washer Sealing	2	12mm
5	3918192	Washer Sealing	2	
6	3923054	Gasket, Cover Plate	1	
7	3924725	Screw, Banjo Connector	1	M14 x 1.50 x 26
8	4080668	Tube, Fuel Supply (Feed Pump to Filter)	1	6BT
8	4080771	Tube, Fuel Supply (Feed Pump to Filter)	1	6BTA

**B-Series Powergen (82.5 KVA To 125 KVA)
FUEL PUMP COUPLING**



No.	Part Number	Description	Qty.	Remark
1	139969	Nipple, Plain Hexagon	1	1/8 NPTF
2	3282372	Stud	4	M10 x 1.5 Both Ends
3	3900632	Screw, Hex Flange	3	M8 x 1.25 x 35
4	3902662	Nut, Hex Flange	4	M10 x 1.50
5	3903990	Screw, Hex Flange	2	M10 x 1.50 x 20
6	3918002	Screw, Banjo Connector	1	M10 x 1.00 x 19
7	3918190	Washer, Sealing	2	
8	3921556	Cap, Tube	1	
9	3924346	Tee, Female Branch	1	
10	3934636	Gear, Fuel Pump	1	
11	3936646	Brace Fuel Pump	1	
12	3936647	Brace, Fuel Pump	1	
13	4093805	Hose, Flexible	1	Old Part No. 3935283

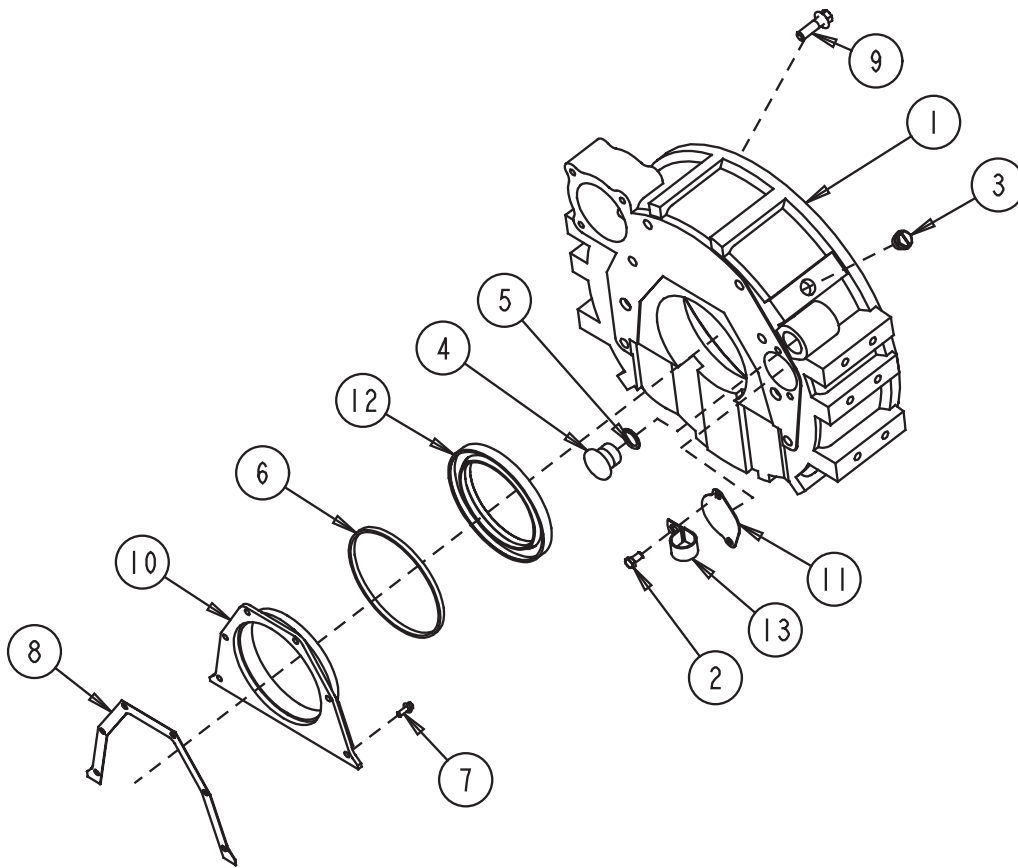
**B-Series Powergen (82.5 KVA To 125 KVA)
GENSET CONTROL PANEL ELECTRICAL PARTS**



No.	Part Number	Description	Qty.	Remark
1	0300-6357-01	Control (PCC0301 Control Assy.)	1	
2	0302-2096-06	Meter-Multi	1	Temp in °C/Press. in kg/cm ²
2	0302-2096-03	Meter-Multi	1	Temp in °F/Press. in psi
3	0338-5015	Harness-Control Panel	1	
4	0193-0609	Sensor-Temperature	1	
5	0315-1779	Transformer-Current	3	
6	0307-3144	Relay-Control	2	
7	0306-5255	Coil	1	
8	0309-0741	Switch-Temperature	1	Replaced for 3815171
9	0309-0714	Switch-Pressure	1	

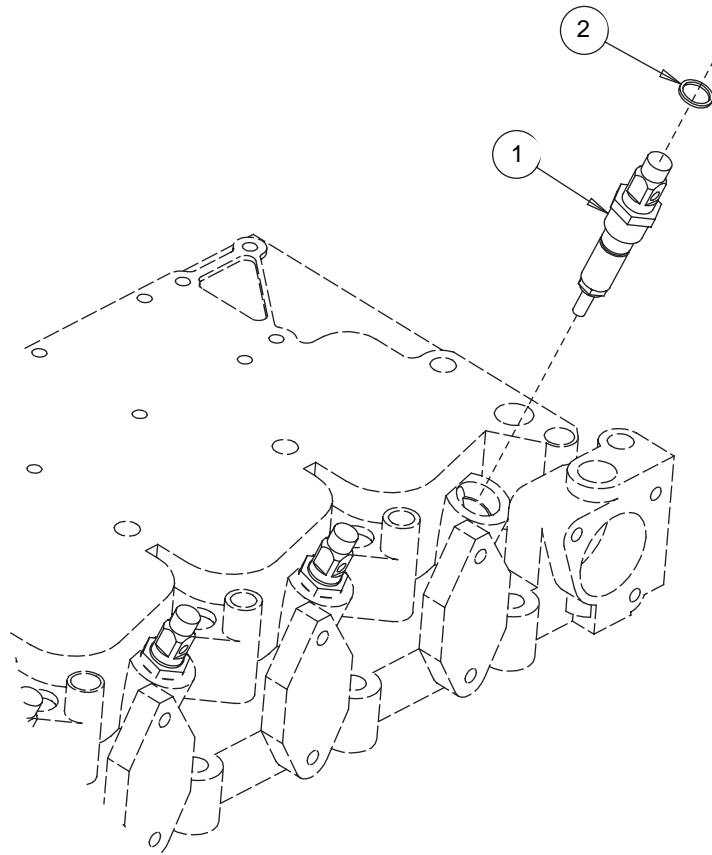
Note : 1] This Configuration is for New Products, using PCC 0301 & MFM
2] Refer SPT for Cut-off Date & FESN, for changeover to New Configuration with PCC 0301 & MFM.

**B-Series Powergen (82.5 KVA To 125 KVA)
HOUSING, FLYWHEEL**



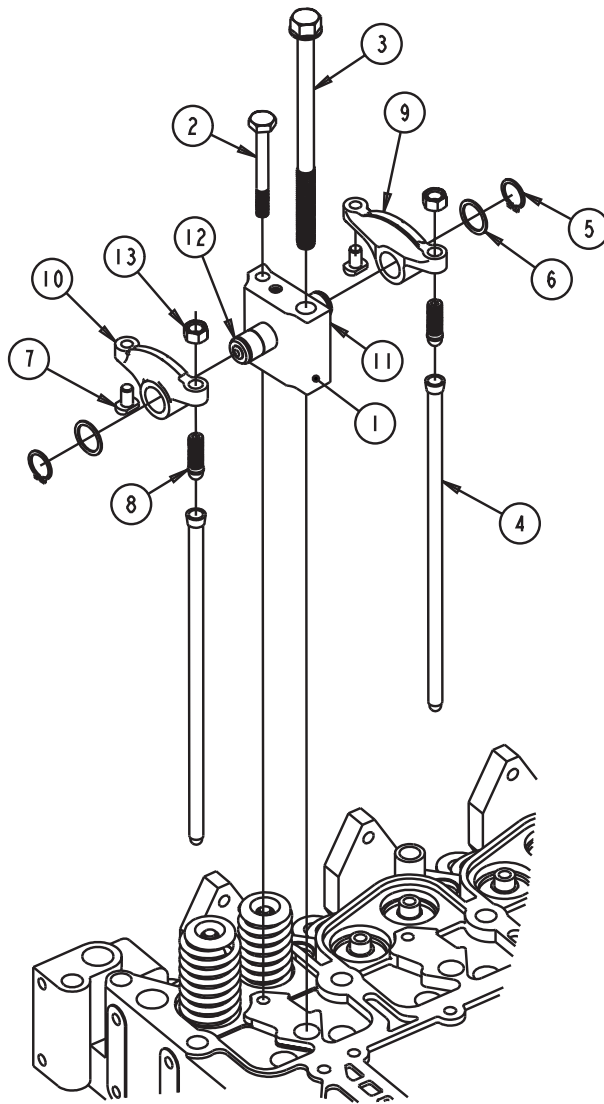
No.	Part Number	Description	Qty.	Remark
1	3353826	Housing, Flywheel	1	
2	3900225	Screw, Hexagon Head	2	M8 x 1.25 x 16
3	3904181	Plug, Threaded	1	
4	3910248	Plug, 'O' Ring	1	
5	3910260	Seal 'O' Ring	1	
6	3912473	Seal, Rectangular	1	
7	3913638	Screw, Hex Flange	6	M6 x 1.00 x 16
8	3914386	Gasket, Rear Cover	1	
9	3920447	Screw, Hex Flange	8	M12 x 1.75 x 40
10	3921043	Cover, Rear	1	
11	3925234	Plate, Cover	1	
12	3933262	Seal, Oil	1	
13	4080757	Clip	1	

**B-Series Powergen (82.5 KVA To 125 KVA)
INJECTOR ASSEMBLY**



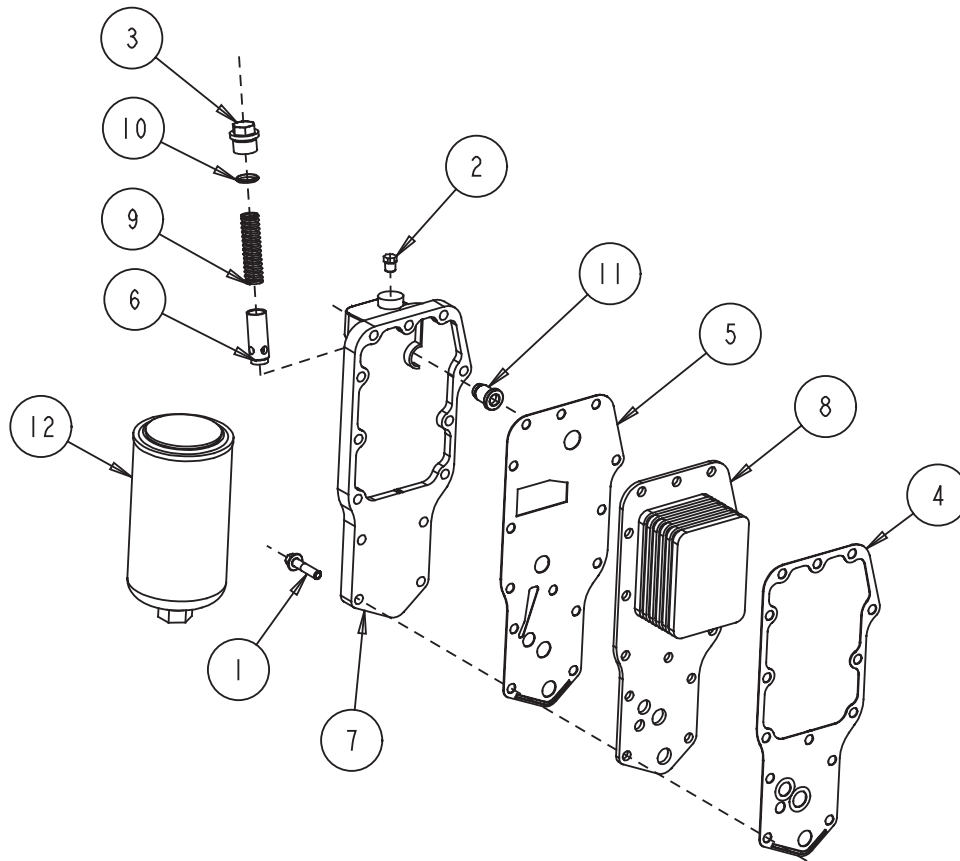
No.	Part Number	Description	Qty.	Remark
1	4080638	Injector Assembly	6	
2	3909358	Seal, Rectrangular	6	

**B-Series Powergen (82.5 KVA To 125 KVA)
LEVER, ROCKER**



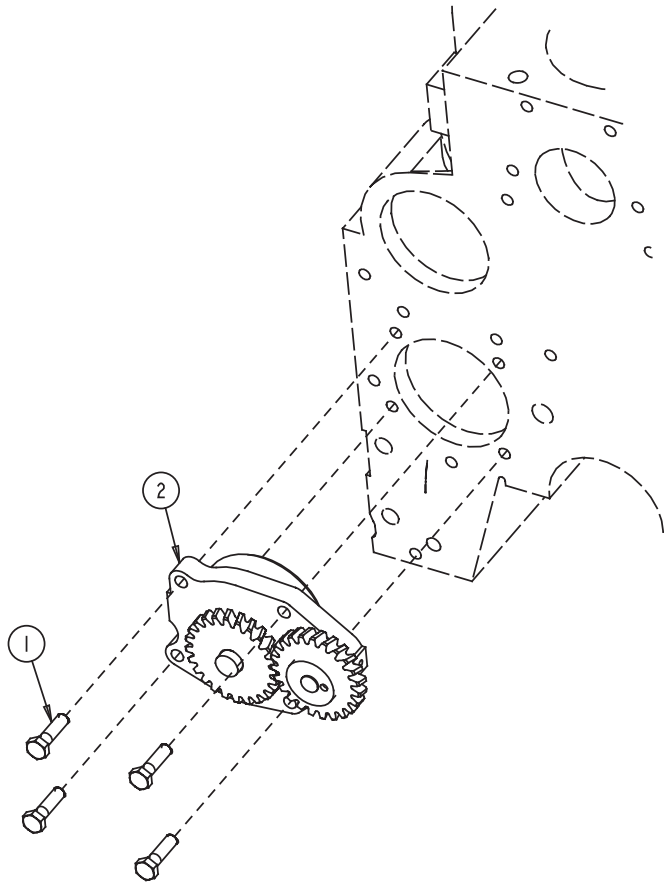
No.	Part Number	Description	Qty.	Remark
1	3934920	Rocker Assy	6	
2	3901221	Screw, Hex Head	6	M8 x 1.25 x 75
3	3920781	Screw, Hex Flange	6	
4	3284377	Rod, Push	12	
5	3900242	Ring, Retaining	12	(Service Part)
6	3900245	Washer, Plain	12	(Service Part) M19
7	3900705	Insert, Rocker Lever	12	(Service Part)
8	3900706	Screw, RKR LVR Adjust	12	(Service Part)
9	3910810	Lever, Rocker	6	(Service Part)
10	3910811	Lever, Rocker	6	(Service Part)
11	3911423	Support, Rocker Lever	6	(Service Part)
12	3922487	Shaft, Rocker Lever	6	(Service Part)
13	3927692	Nut, Heavy Hexagon	12	(Service Part) 3/8-24 THD.

**B-Series Powergen (82.5 KVA To 125 KVA)
LUBE, OIL COOLER**



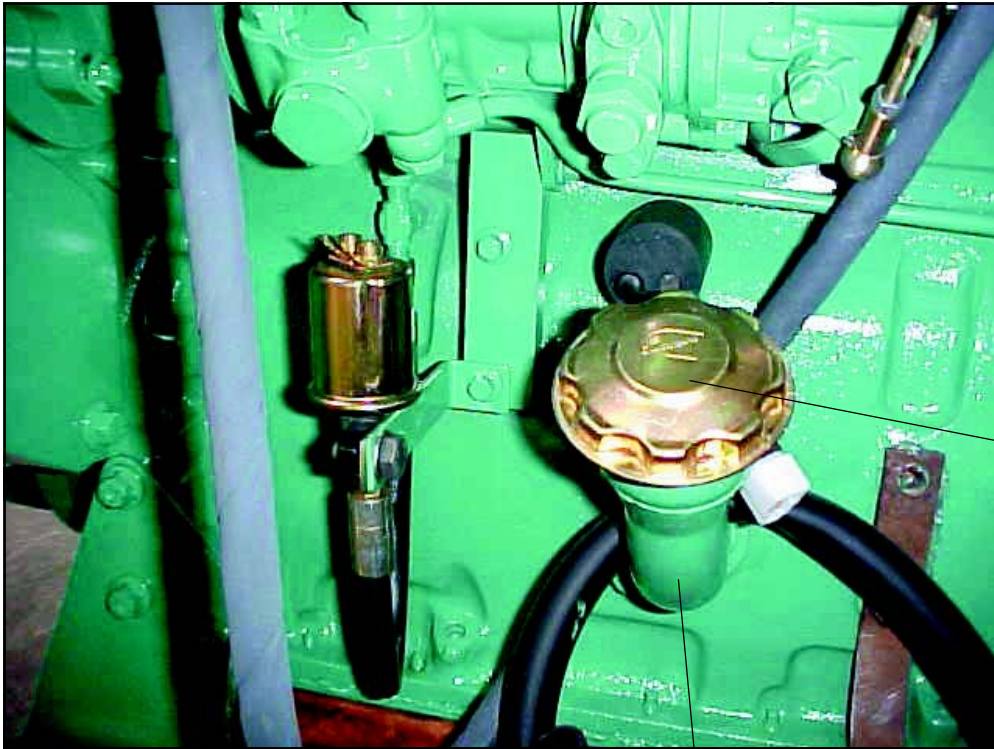
No.	Part Number	Description	Qty.	Remark
1	3900632	Screw, Hex Flange	12	M8 x 1.25 x 35
2	3906619	Plug, Pipe	1	
3	3915787	Plug, Threaded	1	
4	3918256	Gasket, Oil Cooler	1	Old Part No. 3942914
5	3918257	Gasket, Filter Head	1	Old Part No. 3942915 / 3929792
6	3918428	Plunger, Pressure	1	
7	3918954	Head, Lube Oil Filter	1	
8	3921558	Core, Cooler	1	
9	3925009	Spring, Compression	1	
10	3929457	Seal, O Ring	1	
11	3936365	Valve Bypass	1	Old Part No. 3927622
12	4080712	Cartridge, Lub Oil Filter	1	

**B-Series Powergen (82.5 KVA To 125 KVA)
LUBRICATING, PUMP**



No.	Part Number	Description	Qty.	Remark
1	3900677	Screw, Hex Head	4	M8 x 1.25 x 30
2	3937404	Pump Lubricating	1	Old Part No. 3941742

**B-Series Powergen (82.5 KVA To 125 KVA)
OIL FILLER TUBE & CAP**

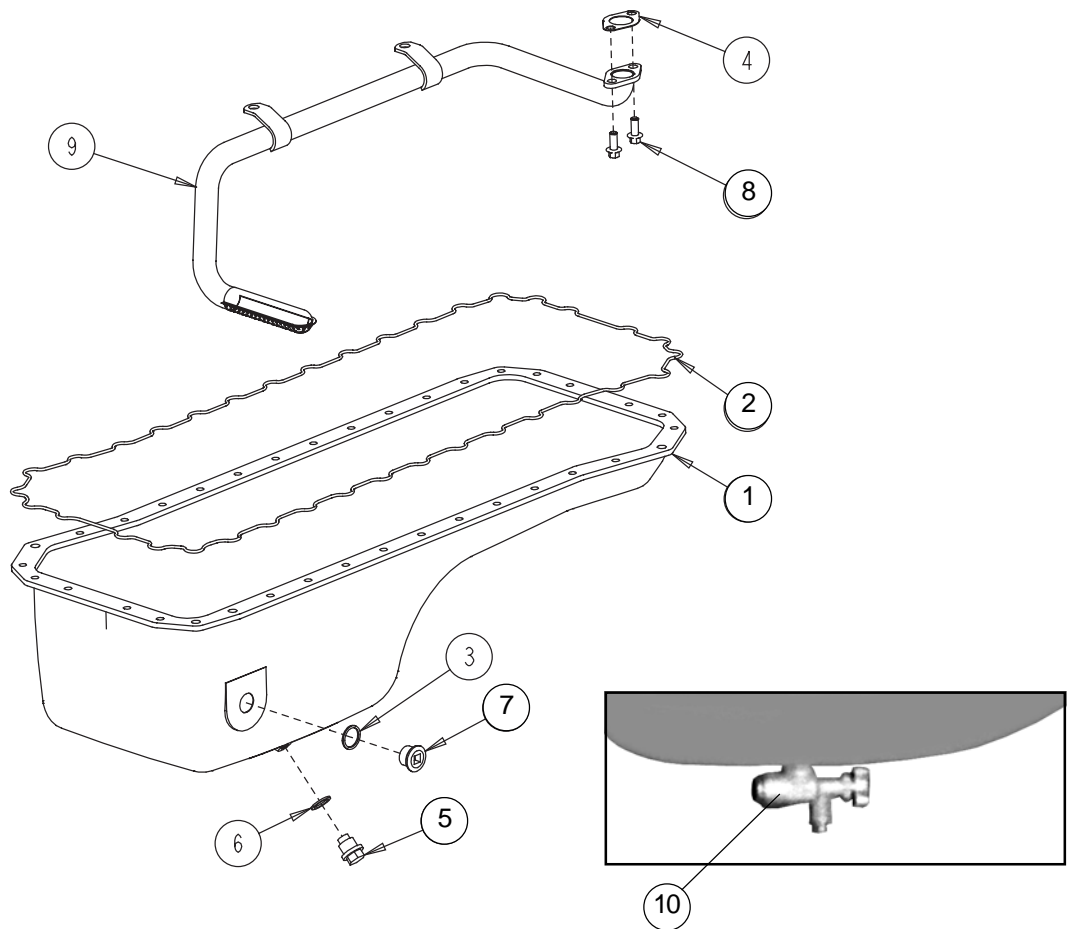


0159-1741 -
Cap Filler

0123-2432 - Tube Oil

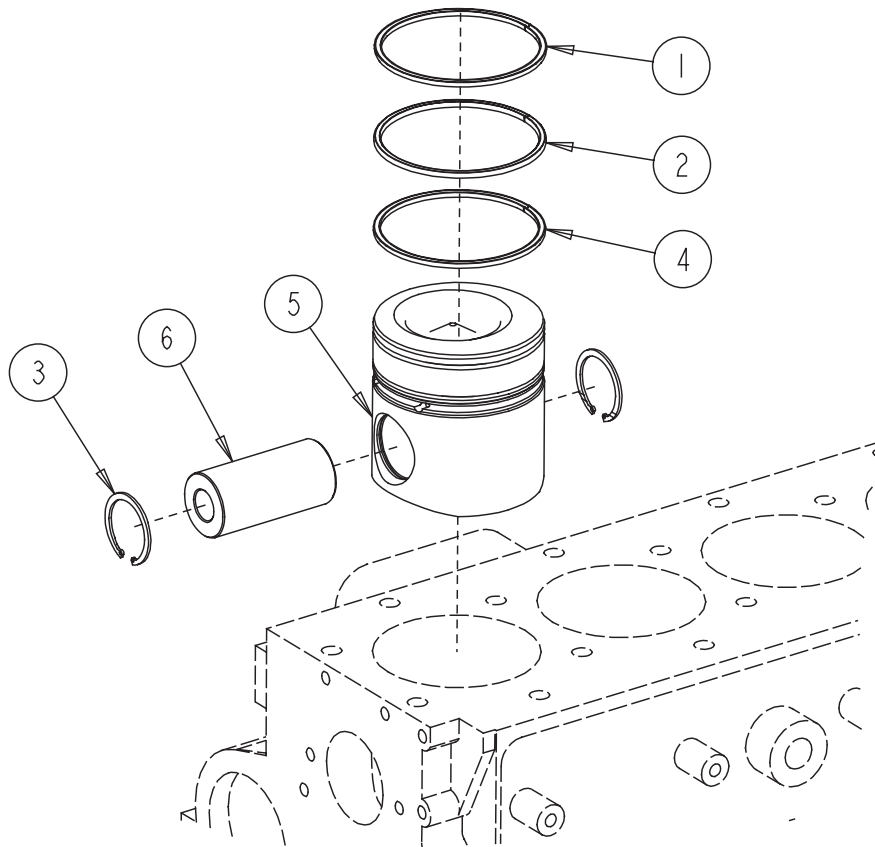
No.	Part Number	Description	Qty.	Remark
-	0123-2432	Tube - Oil	1	
-	0159-1741	Cap - Filler	1	

**B-Series Powergen (82.5 KVA To 125 KVA)
OIL, PAN**



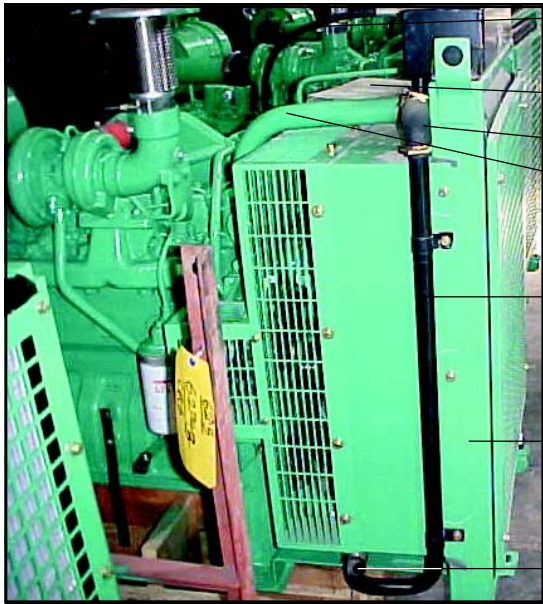
No.	Part Number	Description	Qty.	Remark
1	3915703	Oil, Pan	1	
2	3931904	Liquid Gasket	1	Available as 60gms. tube
3	3902425	Washer, Sealing	1	22mm
4	3914383	Gasket, Flange	1	
5	3282266	Plug, Threaded	1	
6	3920773	Washer, Sealing	1	18mm
7	3924147	Plug, Threaded	1	M18 x 1.50 Thd
8	3900630	Screw, Hex Flange	2	M8 x 1.25 x 20
9	4093671	Connection, Oil Sump	1	
10	0504-0319	Valve - Ball	1	
11	69901	Plug - 1/8 NPTF	1	
12	5-915-A	Plug - 1/2 NPTF	1	

**B-Series Powergen (82.5 KVA To 125 KVA)
PISTON ASSEMBLY**



No.	Part Number	Description	Qty.	Remark
1	3902286	Ring, Compression	6	Not Serviceable
2	3918315	Ring, Compression	6	Not Serviceable
3	3920691	Ring, Retaining	12	
4	3923889	Ring, Oil Piston	6	Not Serviceable
5	3930450	Piston, Engine	6	Not Serviceable
6	3934047	Pin, Piston	6	Not Serviceable
A	4093678	SERVICE PARTS Kit, Piston	1	Complete Engine Set (Std.)
	3928673	Piston	6	
	3920691	Ring, Retaining	12	
	3934047	Pin, Piston	6	
B	3802421	Set, Ring Piston	6	
		Note : Kit Piston consists of Piston, Pin Piston & Ring Retaining for one Engine.		

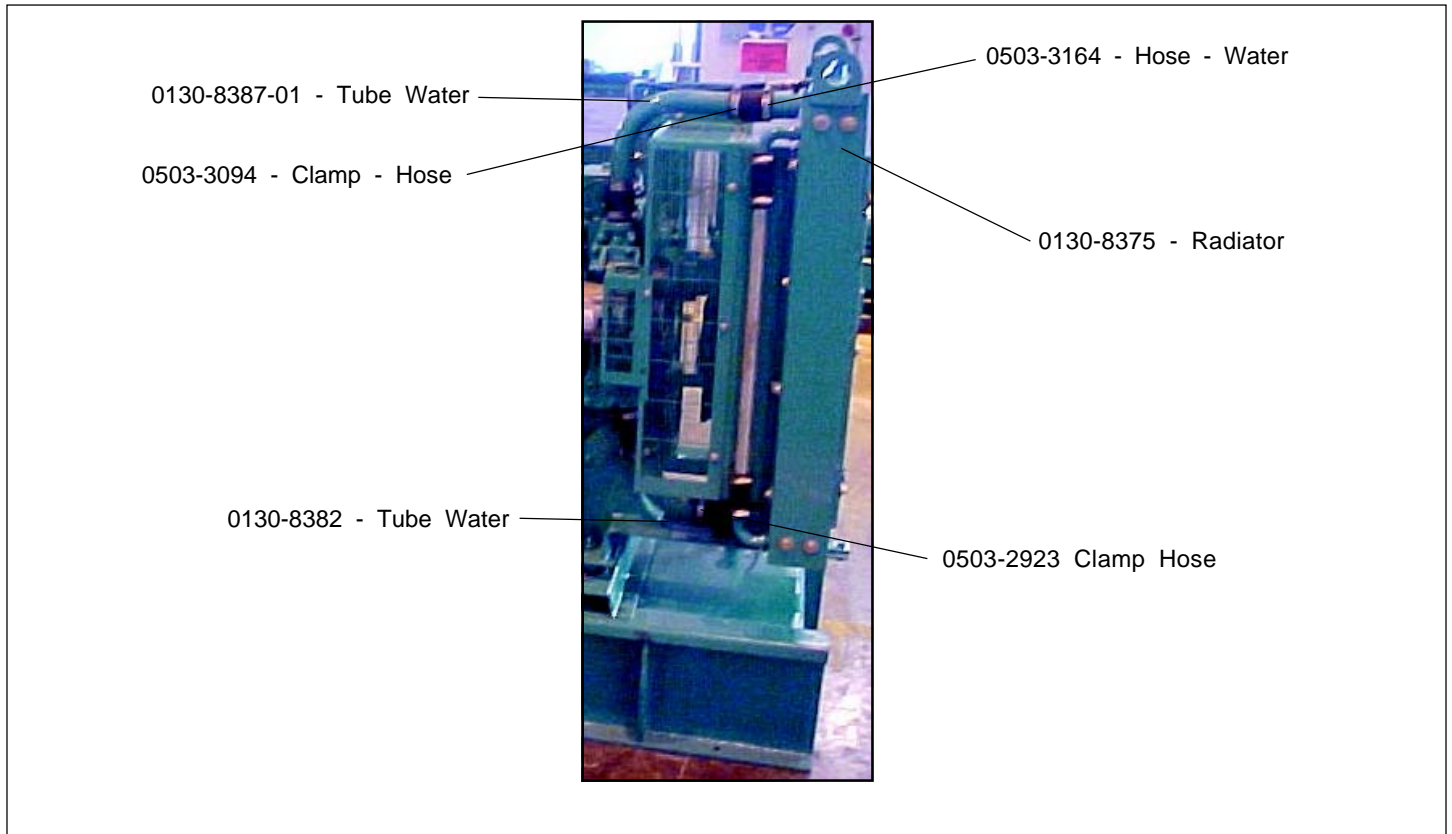
**B-Series Powergen (100 KVA To 125 KVA)
Radiator (6BTA5.9G1/G2-1)**



- 0503-3138-03 - Hose Fuel
- 0130-8367-02 - Bracket - Radiator
- 0503-3181 - Elbow - Hose
- 0130-8387-02 - Tube Water
- 0130-8429 - Tube Fill
- 0130-8374 - Radiator
(Including Shroud, Fan Guard & Stone Guard)
- 0503-3182 - Hose Radiator

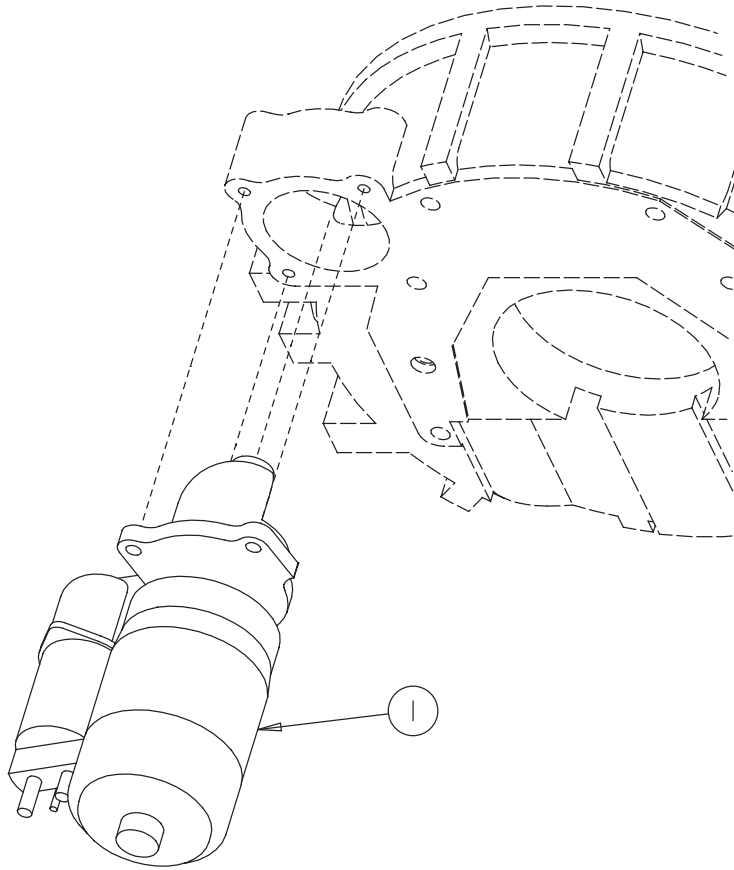
No.	Part Number	Description	Qty.	Remark
-	0130-8374	Radiator	1	
-	0130-8367-02	Bracket - Radiator	1	
-	0800-6528-02	Screw - Hex Flg Hd	1	
-	0526-2404-06	Washer - Fl	1	
-	0306-5443	Spacer - Contact	1	
-	0130-8387-02	Tube - Water	1	
-	0503-3165	Hose - Water	2	
-	0503-3094	Clamp - Hose	4	
-	0130-8383	Tube - Water	1	
-	0503-3164	Hose - Water	2	
-	0503-2923	Clamp - Hose	4	
-	0503-3095	Clamp - Hose	1	
-	0502-1719	Coupling - Tube	2	
-	0503-3138-03	Hose - Fuel	1	
-	0800-6494-46	Screw - Hex Hd	4	
-	0526-2401-10	Washer - Fl	4	
-	0850-2114-11	Washer - Spr Lk	4	
-	0860-2127-13	Nut - Hex	4	
-	0403-7351	Bracket - Engine	1	
-	0403-7352	Bracket - Engine	1	
-	0403-7350	Bracket - Engine	2	
-	0800-6520-56	Screw - Hex Flg Hd	14	
-	0205-0383	Fan Assy. (26" ø)	1	Plastic
-	0130-8431	Tank Radiator	1	Service only
-	0130-8428	Cap Coolant Fill	1	Service only 10 psi
-	0503-3181	Elbow - Hose	1	Service only
-	0503-3182	Hose Radiator	1	Service only
-	0130-8429	Tube Fill	1	Service only

**B-Series Powergen (82.5 KVA)
RADIATOR 6BT5.9 G1**



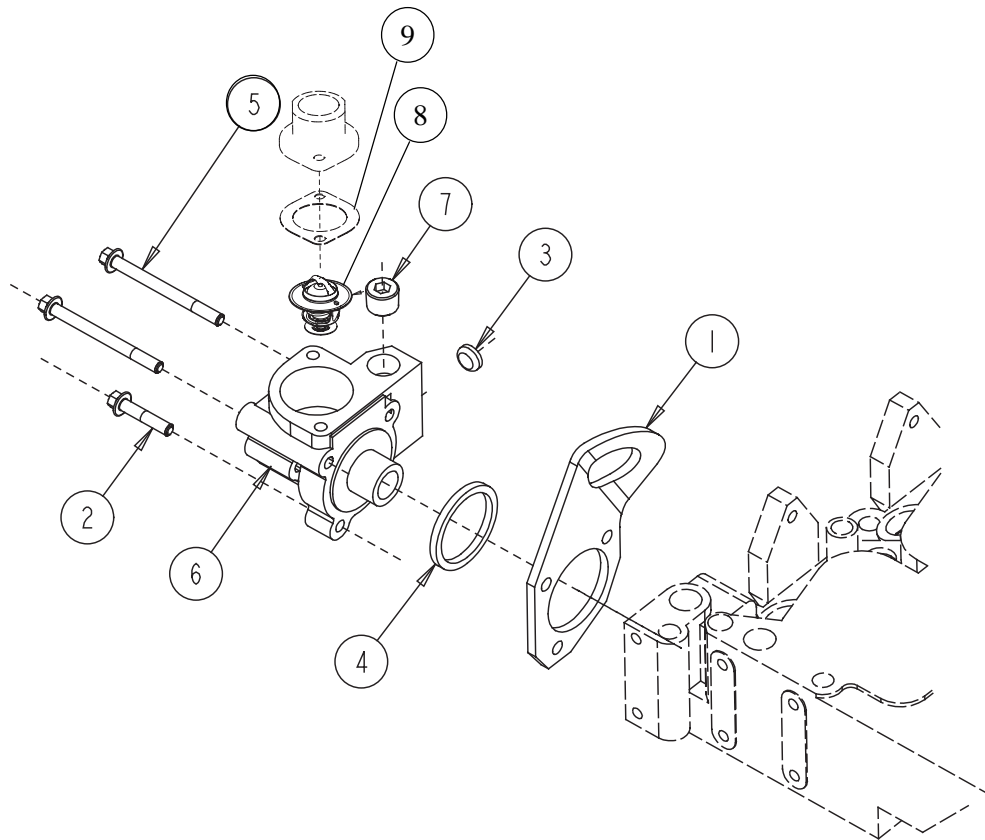
No.	Part Number	Description	Qty.	Remark
-	0130-8375	Radiator	1	
-	0403-7351	Bracket - Engine (L)	1	
-	0403-7352	Bracket - Engine (R)	1	
-	0403-7351	Bracket - Engine	2	
-	0800-6520-56	Screw - Hex Flg Hd	14	
-	0800-6494-46	Screw - Hex Hd	4	
-	0526-2401-10	Washer - Fl	4	
-	0850-2114-11	Washer - Spr Lk	4	
-	0860-2127-13	Nut - Hex	4	
-	0130-8382	Tube - Water	1	
-	0130-8387-01	Tube - Water	1	
-	0503-3165	Hose - Water	2	
-	0503-3164	Hose - Water	2	
-	0503-3094	Clamp - Hose	4	
-	0503-2923	Clamp - Hose	4	
-	0503-3138-03	Hose - Fuel	1	
-	0502-1719	Coupling - Tube	2	
-	0505-2544	Bushing - Reducer	1	
-	0130-8367-01	Bracket - Radiator	1	
-	0306-5443	Spacer - Contact	1	
-	0800-6494-27	Screw - Hex Hd	1	
-	0526-2401-08	Washer - Fl	1	
-	0860-2127-11	Nut - Hex	1	
-	0205-0382	Fan Assy - 24" Dia	1	6 Blades - Steel
-	0130-8432	Cap Coolant Fill	1	Service Only 7 psi

**B-Series Powergen (82.5 KVA To 125 KVA)
STARTING MOTOR**



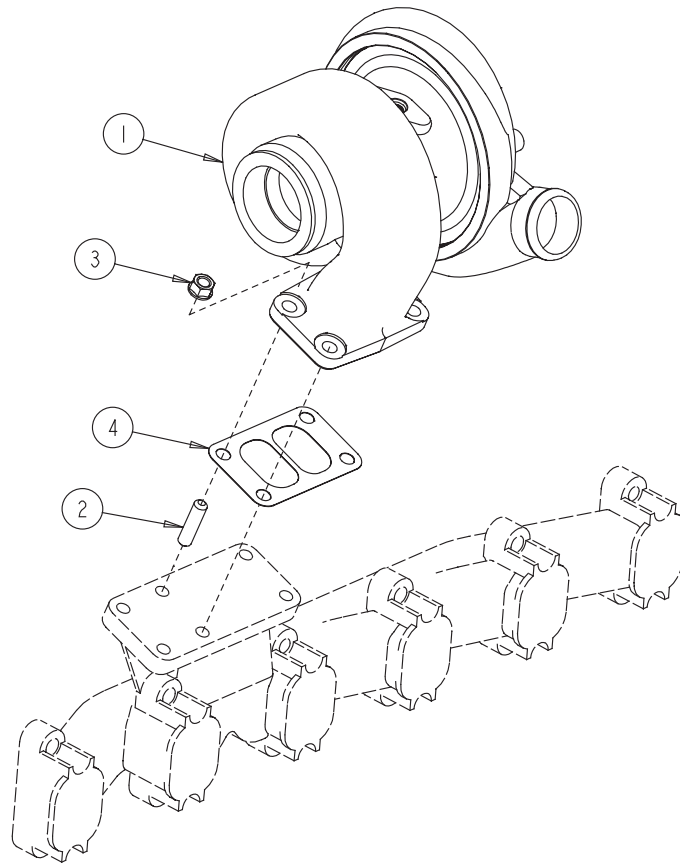
No.	Part Number	Description	Qty.	Remark
1	4080645	Starter Motor 12V	1	
2	3903834	Screw, Twelve Point	3	M10x1.5 x 35

**B-Series Powergen (82.5 KVA To 125 KVA)
THERMOSTAT ARRANGEMENT**



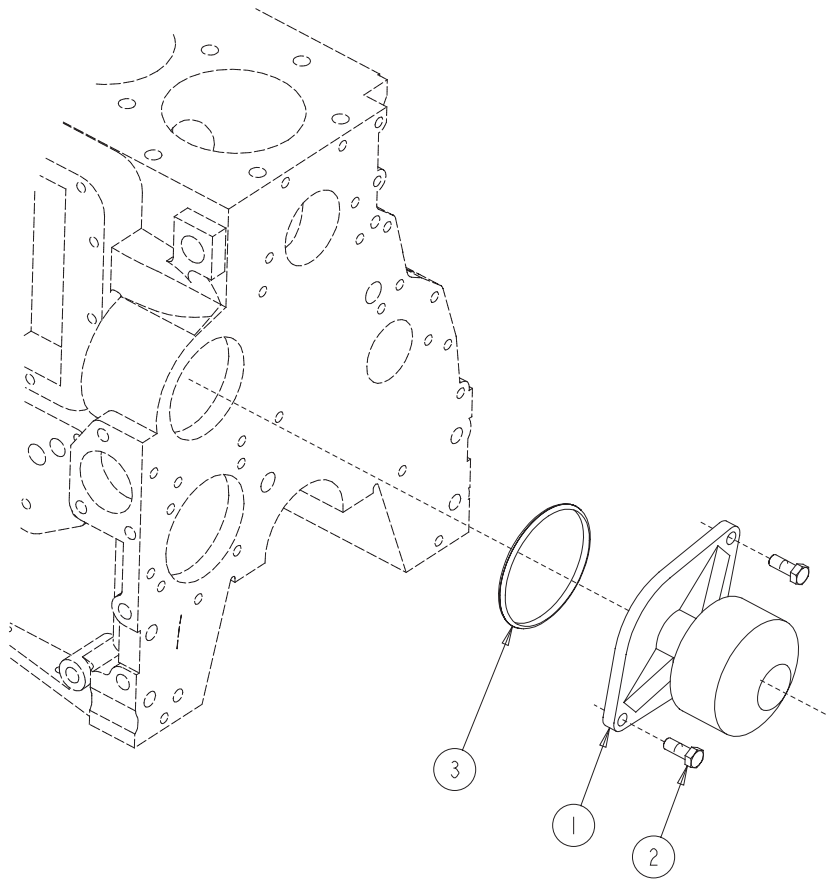
No.	Part Number	Description	Qty.	Remark
1	3281246	Bracket, Lifting	1	
2	3900678	Screw, Hex Flange	1	
3	3900956	Plug, Expansion	1	
4	3906697	Seal, Rectangular	1	
5	3913366	Screw, Hex Flange	2	M8 x 1.25 x 90
6	3924473	Housing, Thermostat	1	
7	3936641	Plug, Pipe	1	
8	4080631	Thermostat	1	
9	3912558	Gasket, Thermostat	1	

**B-Series Powergen (82.5 KVA To 125 KVA)
TURBOCHARGER**



No.	Part Number	Description	Qty.	Remark
1	3598926	Turbocharger - HX35	1	6BT 5.9 G/G1
1	3597863	Turbocharger - HX35	1	6BTA 5.9 G1/G2
2	3818823	Stud	4	M10 x 1.50 (both Ends) x 42
3	3818824	Nut, Hexagon Flange	4	M10 x 1.50
4	3901356	Gasket, Turbocharger	1	
-	3575169	Repair Kit, Turbo	1	

**B-Series Powergen (82.5 KVA To 125 KVA)
WATER PUMP**



No.	Part Number	Description	Qty.	Remark
1	3285410	Pump, Water	1	
2	3900227	Screw, Hex Head	2	M8 x 1.25 x 22
3	3903297	Seal, 'O' Ring	1	

**B-Series Powergen (82.5 KVA To 125 KVA)
Engine Maintenance - Parts List**

No.	Part Number	Description	Qty.	Remark
1	3937743	Cartridge, Lube Oil Filter	1	
2	4093731	Seperator, Fuel Water	1	
3	3903640	Fuel Filter (with Rectangular Gasket)	1	
4	3911560	Belt, Fan Drive	1	Poly 'V'
5	3814695	Element, Air Cleaner - Outer	1	
6	3814696	Element, Air Cleaner - Inner	1	

Engine 'Minor Repairs' - Parts List

No.	Part Number	Description	Qty.	Remark
1	3815171	Switch, Water Temp. (HWT Safety)	1	Electronic
2	3815046	Switch, Oil Pr. (LLOP Safety)	1	
3	4926975	Sensor, Water Temp / Oil Temp	2	
4	3814118	Sensor, Oil Pressure (Transducer)	1	
5	4911834	Shut Off Coil (Solenoid) - 12 V	1	
6	4926714	Instrument Cluster	1	
7	3814746	Overspeed Safety Card	1	
8	4962827	Magnetic Pickup -	1	
9	3935319	Feed Pump, Fuel (MICO)	1	
10	4080631	Thermostat	1	
11	3935959	Seal, Oil - Front End Crankshaft	1	
12	3933262	Seal, Oil - Rear End Crankshaft	1	
13	3921558	Core, Oil Cooler	1	
14	4071458	Expansion Bellow (Connection, Exh Outlet)	1	
15	4911589	Oil Drain Valve	1	On Oil Pan
16	3936562	Set, Upper Engine Gasket	1	
17	3936563	Set, Lower Engine Gasket	1	
18	4093904	Kit, Gast - O.H.	1	