

**ILLUSTRATED SPARE PART LIST
FOR**

**DV8TA G1 ENGINE
FOR POWER GENERATION**

**APPLICATION CODE NO.
DV8.5123**

KIRLOSKAR OIL ENGINES LIMITED

A Kirloskar Group Company

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GROUP INDEX
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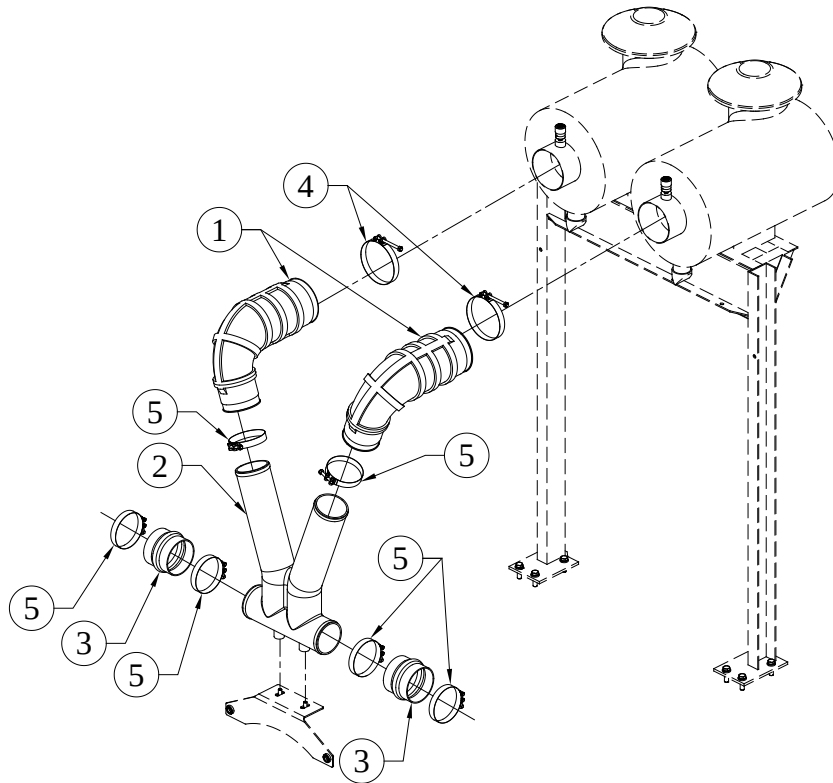
SR.NO.	DESCRIPTION	GROUP NO.	QTY.	PAGE NO.
1	AIR CLEANER HOSE & MTG. ASSLY AIR CLEANER ON BRACKET ASSEMBLY	DV8.08PM.20.0.00	1	4
2	AIR INTAKE SYSTEM	DV8.08PM.01	1	5
3	ALTERNATOR & COUPLING FASTNERS	DV8.09PM.18	1	6
4	ALUMINIUM PIPE & SUPPORT FASTENERS	DV8.08PM.30.0.00	1	7
5	ALUMINIUM RADIATOR ASSY	DV8.036.10.0.PR	1	8
6	ASSEMBLY FOR KRM UNIT FOR KG745 WITH PACKAGE	DV2.858.27.0.PR	1	9
7	ASSEMBLY OF BASEFRAME WITH INTEGRAL FUEL TANK (SPLIT TYPE) FOR 320KVA DV8 CRDI SILENT GENSET	DV8.810.7	1	10 TO 12
8	ASSEMBLY OF CANOPY FOR 320kVA FOR DV8 CRDI SILENT SET	DV8.810.1	1	13
9	AVM WITH MOUNTING FASTENERS	DV8.12PM.01	1	14
10	BATTERY & CABLE	DV8.18PM.01	1	15
11	BATTERY CLAMP FOR DV SERIES	DV0.902.4	1	16
12	BREATHER AND MOUNTING	DV0.046	1	17
13	BREATHER ARRANGEMENT	DV8.13PM.01	1	18
14	CAC PIPE	DV8.033.7	1	19
15	CAC PIPING	DV8.033.6	1	20, 21
16	CAMSHAFT (WITH INTERNAL EGR WITH 0.75 MM SECONDARY LIFT)	DV8.004.4	1	22, 23
17	CANOPY LIGHT 24V DC LED GROUP	02.28PM.08	2	24
18	CANOPY WIRING HARNESS ASSEMBLY	DV8.28PM.01	1	25
19	CHARGING ALTERNATOR	DV8.07PM.01	1	26
20	CONNECTING ROD	DV0.005	8	27
21	CONTROL PANEL TOP SUPPORT	DV2.856.4	1	28
22	CONTROL PANEL, POWER PANEL & STAND ASSEMBLY FOR 320 KVA	DV8.16PM.34	1	29 TO 38
23	COOLING SYSTEM	DV8.10PM.01	1	39 TO 41
24	CRANK SHAFT	DV8.003	1	42
25	CRANKCASE	DV8.001	1	43 TO 46
26	CT WIRING HARNESS	DV0.34PK.01	1	47
27	CYLINDER HEAD	DV0.007	8	48 TO 52
28	CYLINDER LINER	DV0.002.1	8	53
29	DELIVERY TUBE	DV8.042	1	54, 55
30	ENGINE FOOT	DV0.034.10	1	56
31	ENGINE WIRING HARNESS	DV8.27PK.01	1	57
32	EXHAUST ELBOW/DIFFUSER MTG.	DV8.11PM.70.0.00	1	58
33	EXHAUST MANIFOLD	DV8.024.1	1	59 TO 61
34	EXHAUST SYSTEM	DV8.11PM.09	1	62, 63
35	FAN AND SPACER ASSEMBLY	DV8.03PM.03	1	64
36	FAN DRIVE ARRANGEMENT	DV8.029.14	1	65, 66
37	FLYWHEEL	DV0.026.1	1	67
38	FUEL FILTER (320 KVA)	DV8.020	1	68

SR.NO.	DESCRIPTION	GROUP NO.	QTY.	PAGE NO.
39	FUEL PIPE WITH PRE FILTER MTG.	DV8.15PM.01	1	69
40	FUEL PUMP ASSEMBLY.	DV8.040.4	1	70 TO 77
41	FUEL PUMP CAP	DV0.019	1	78
42	GEAR CASING CUM FLYWHEEL HSG	DV0.025.12	1	79, 80
43	GEMS LOP TRANSMITTER 4-20 mA	DV0.812.1	1	81
44	HEAT SHIELD	DV8.051.2	1	82, 83
45	HEATER FOR DV - 24V 20 AMP	DV8.1172.01.0.00	1	84
46	HIGH PRESSURE PIPE (INTEGRAL SLEEVE)	DV8.021.5	1	85
47	INJECTORS	DV2.008	8	86
48	INLET MANIFOLD	DV8.023	2	87
49	INTERMEDIATE DOUBLE GEARS (CRANK GEAR AND CAM GEAR)	DV0.010	1	88
50	INTERMEDIATE GEAR ASSLY (CAM & FUEL PUMP GEAR)	DV0.011	1	89
51	K COOL SUPER PLUS - 50:50 PREMIX (LOOSE/TANKER)	82.020.36.2.00	60	90
52	K OIL PREMIUM 15 W 40 CI4	82.110.16.1.00	46	91
53	KIT GROUP	DV0.178	1	92
54	LUB OIL COOLER, HEADER AND FILTE	DV8.014	1	93 TO 96
55	LUB OIL DRAIN ARRANGEMENT	DV8.14PM.01	1	97
56	LUB OIL PUMP	DV0.013	1	98, 99
57	LUB OIL SUMP AND DIPSTICK	DV8.017.5	1	100
58	MICO ALTERNATOR MOUNTING	DV0.062.2	1	101
59	OIL & FUEL PIPINGS	DV8.069.17	1	102 TO 105
60	OIL FILLING	DV8.041	1	106
61	OILSEAL PULLEY END	DV0.012.3	1	107
62	PISTON	DV0.006.1	8	108
63	POWER CABLE	DV8.29PM.01	1	109
64	PROTECTION CAP	DV8.075	1	110
65	ROCKER COVER	DV0.009	8	111
66	SET OF STICKERS	DV8.23PM.03	1	112, 113
67	SET SCREW - M16X2X50 - 8.8	50.003.16.050.	1	114
68	STARTER MOUNTING ASSEMBLY	DV8.06PM.01	1	115
69	SUCTION TUBE	DV0.043	1	116
70	TAIL PIPE/EXHAUST BEND & ACCESSORIES	DV8.21PK.01	1	117
71	TAPPET AND PUSH ROD TUBE	DV0.018	16	118
72	TERMINAL BOX	DV8.09PM.19	1	119
73	THERMOSTAT HOUSING	DV0.015	1	120, 121
74	TIE WRAP 100 MM LENGTH (QTY. AS REQUIRED)	3H.905.06.0.00	25	122
75	TORSIONAL VIBRATION DAMPER	DV8.030.1	1	123
76	TURBO ADAPTOR (LH AND RH)	DV8.034.3	1	124
77	TURBOCHARGER AND MOUNTING	DV8.032	1	125
78	WATER PUMP	DV0.016.	1	126, 127

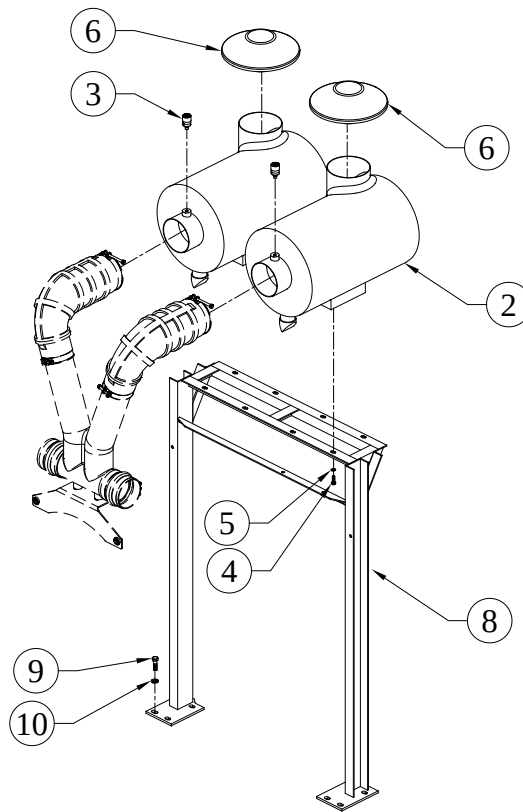
NOTE: - AS CONTINUOUS IMPROVEMENTS ARE CONTEMPLATED THE ILLUSTRATION AND DESCRIPTIONS ARE NOT BINDING.

TITLE: - AIR CLEANER HOSE & MTG.
ASSLY AIR CLEANER ON
BRACKET ASSEMBLY

GROUP: -DV8.08PM.20.0.00



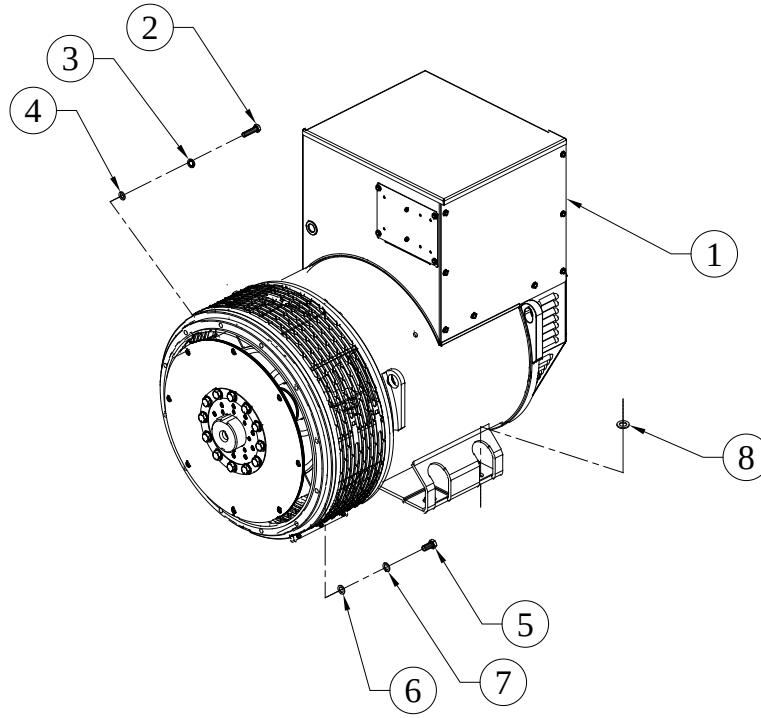
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV8.505.71.0.00	HOSE FOR DONALDSON AIR CLEANER	2	
2	DV0.505.18.0.00	AIR PIPE	1	
3	F6.377.33.0.PR	HOSE FOR INLET MANIFOLD BEND & CAC OUT	2	
4	KV0.505.14.0.00	HOSE T BOLT CLAMP FOR OD 137MM JUPITOR JT6 A20 137DN OR EQUIVALENT	2	
5	KV8.505.13.0.00	HOSE T BOLT CLAMP FOR OD 112MM JUPITOR JT6 A20 112DN OR EQUIVALENT	6	

TITLE: - AIR INTAKE SYSTEM**GROUP: - DV8.08PM.01**

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV8.08PM.10.0.00	AIR CLEANER ASSLY WITH RESTRICTION INDICATOR	1	CONSISTING OF SR.NO. 2 TO 6
2	DV8.505.80.0.00	DONALDSON AIR CLEANER WITH SAFETY ELEMENT	2	
3	F6.504.02.0.00	1/8" NPT-24" RANGE RESTRICTION INDICATOR	2	
4	50.003.08.020.	SET SCREW - M8X1.25X20 - 8.8	8	
5	50.506.08.000.	PLAIN MACHINED WASHER - M8	8	
6	DV8.505.72.0.00	RAIN CAP FOR DONALDSON AIR CLENAER	2	
*7	DV8.08PM.40.0.00	AIR CLEANER MTG. ARRANGEMENT	1	CONSISTING OF SR.NO. 8 TO 10
8	DV8.505.77.0.PR	AIR CLEANER STAND FOR 500 KVA	1	
9	50.002.12.040.	SET BOLT - M12X1.75X40 - 8.8	8	
10	50.548.12.000.	SPL. PLAIN WASHER - M12	8	

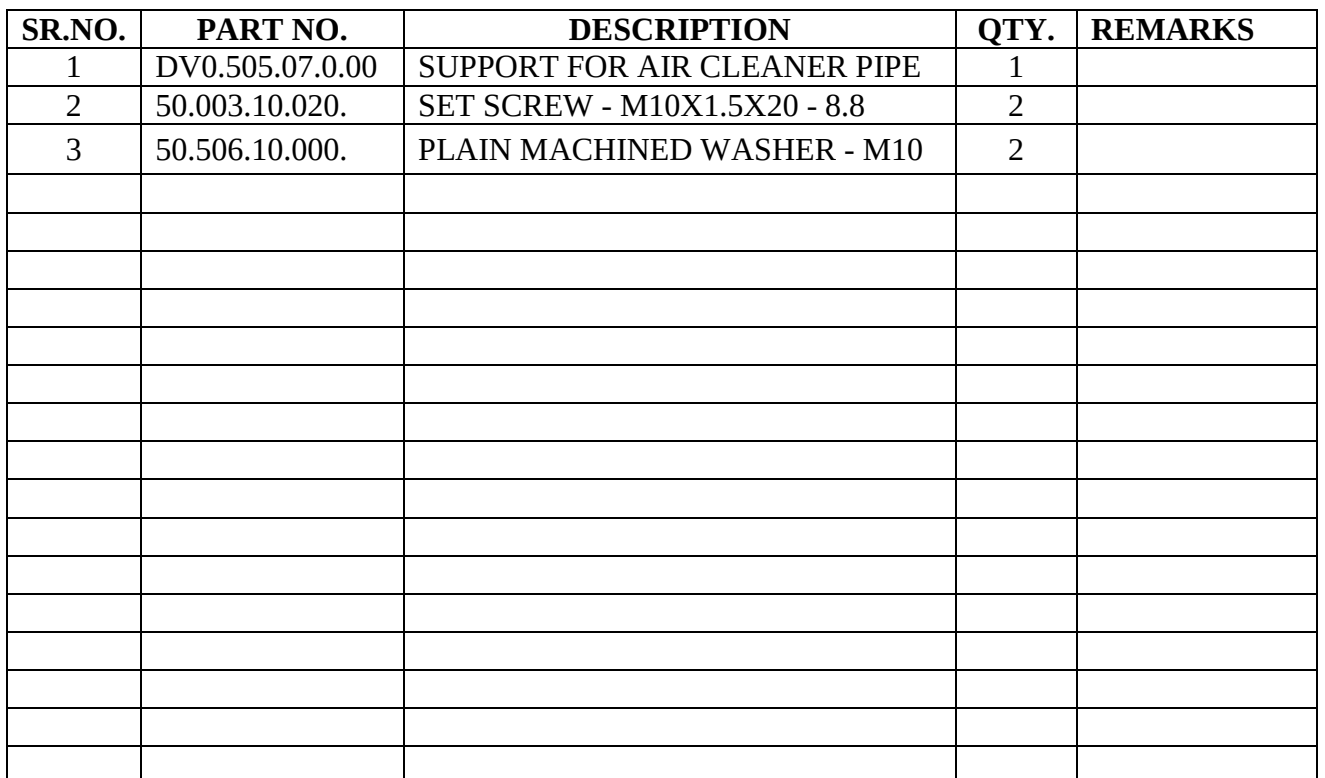
**TITLE: - ALTERNATOR & COUPLING
FASTNERS**

GROUP: - DV8.09PM.18

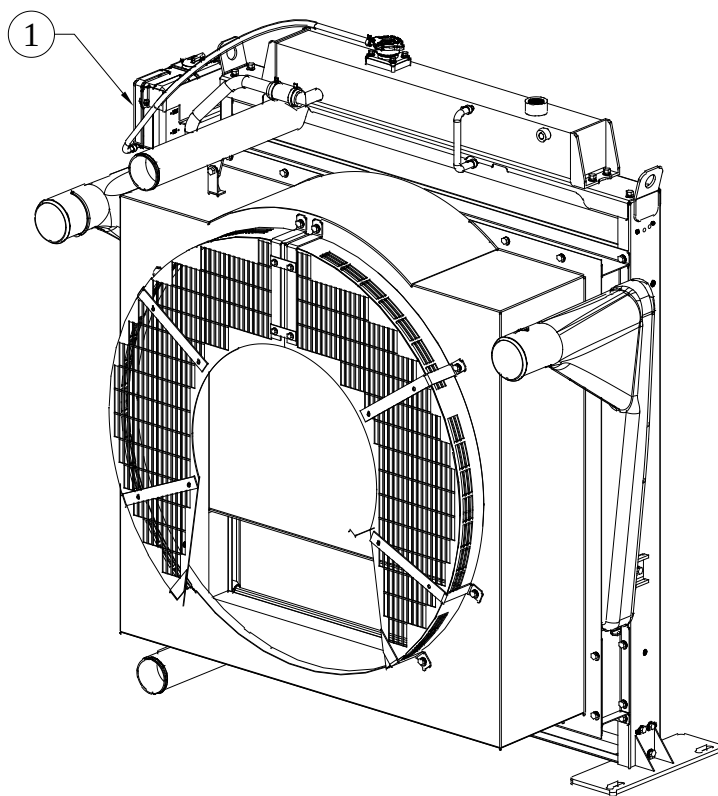


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV8.801.25.0.PR	MECCALTE ALTERNATOR 320KVA,3PH	1	
2	50.003.12.040.	SET SCREW - M12X1.75X40 - 8.8	8	
3	50.505.12.000.	SPRING WASHER - M12	8	
4	F6.508.03.0.00	HARD WASHER(12 ID)	8	
5	50.002.10.055.	SET BOLT - M10X1.5X55 - 8.8	12	
6	50.506.10.000.	PLAIN MACHINED WASHER - M10	12	
7	50.505.10.000.	SPRING WASHER - M10	12	
8	F6.811.04.0.00	HARD WASHER (ID 17,OD 35,THK 5)	2	

GROUP: -DV8.08PM.30.0.00

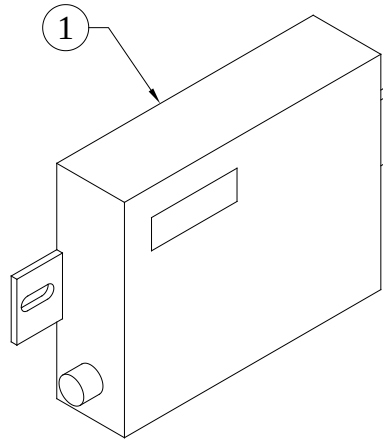


GROUP: - DV8.036.10.0.PR

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TITLE: - ASSEMBLY FOR KRM UNIT FOR
KG745 WITH PACKAGE

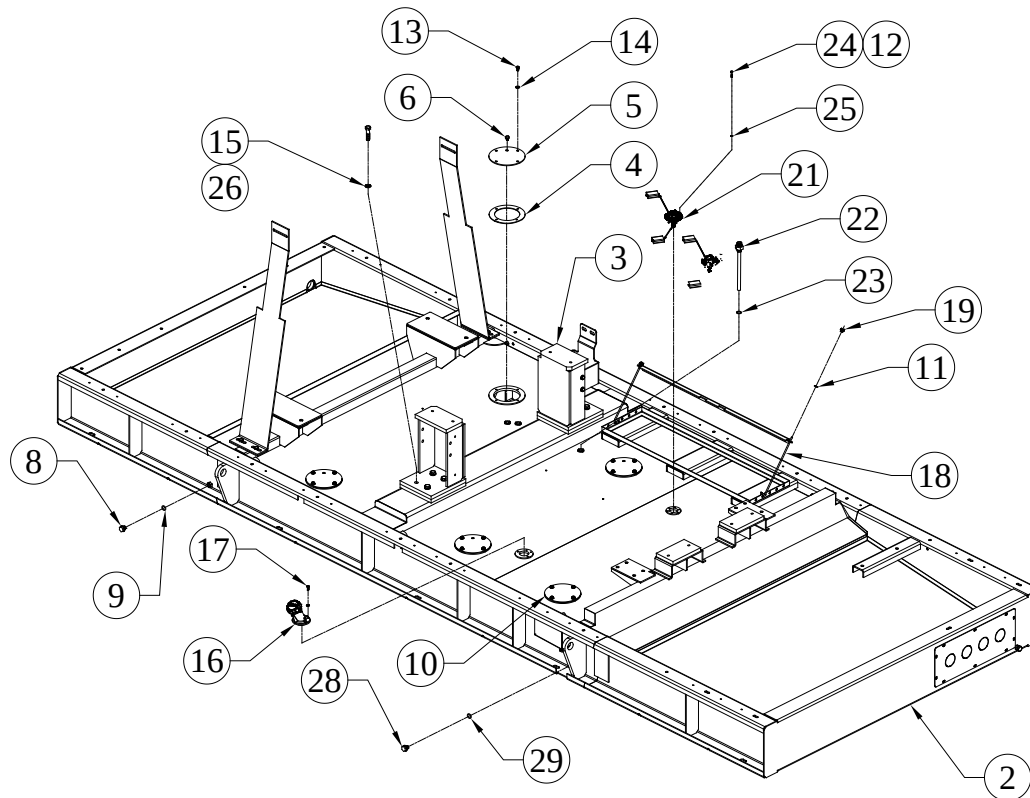
GROUP: -DV2.858.27.0.PR



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV2.858.27.0.PR	ASSEMBLY FOR KRM UNIT FOR KG745 WITH PACKAGE	1	

**TITLE: -ASSEMBLY OF BASEFRAME WITH
INTEGRAL FUELTANK (SPLIT TYPE)
FOR 320KVA DV8 CRDI SILENT GENSET**

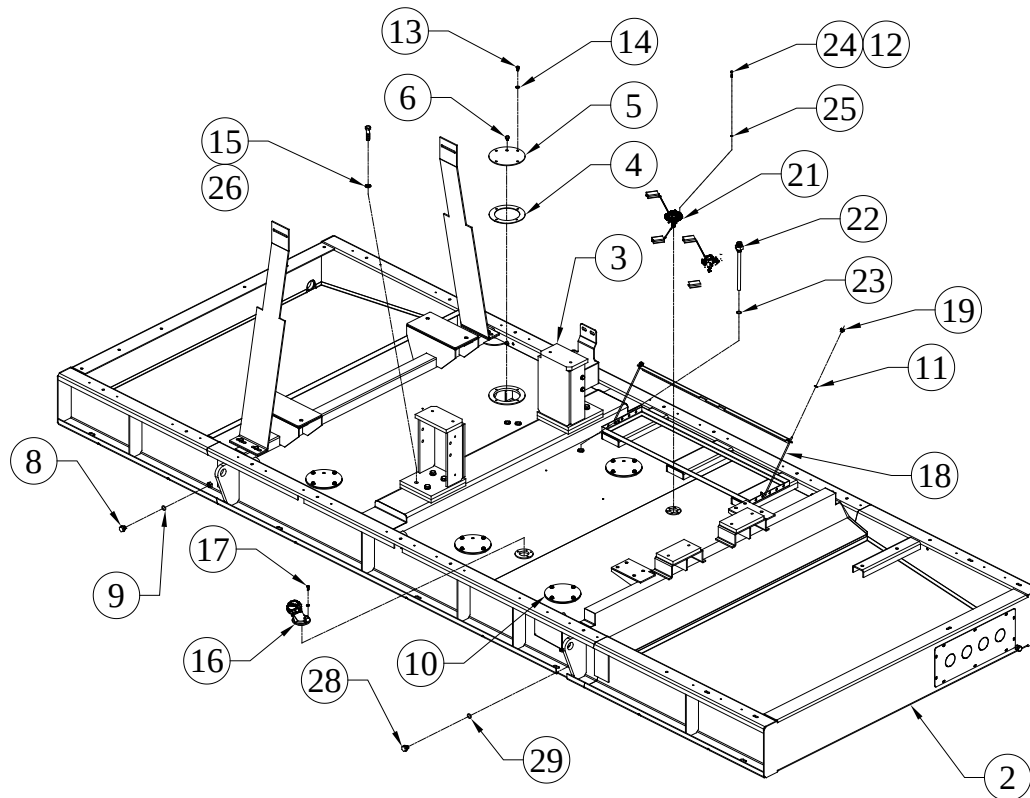
GROUP: -DV8.810.7



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV8.810.05.0.00	ASSEMBLY OF BASEFRAME WITH INTEGRAL FUELTANK (SPLIT TYPE) FOR 320KVA DV8 CRDI SILENT GENSET	1	CONSISTING OF SR.NO.- 2 TO 7
2	DV8.810.30.0.PR	BASEFRAME WITH INTEGRAL FUELTANK (SPLIT TYPE) FOR 320KVA DV8 CRDI SILENT GENSET	1	
3	DV0.808.12.0.00	ENGINE MOUNTING SUPPORT ASSEMBLY	2	
4	03.774.04.0.00	JOINT FOR COVER(AUX.L.O.SUMP)	5	
5	KV2.515.02.0.00	COVER PLATE FOR FUEL TANK (S/F BREATHER)	4	
6	3H.173.05.0.00	BREATHER FOR FUEL TANK	4	
*7	2H.035.20.0.00	PLUG WITH MAGNET & 'O'RING.	1	CONSISTING OF SR.NO.- 8, 9
8	2H.035.10.0.00	DRAIN PLUG ASSEMBLY.	1	
9	F6.024.47.0.00	O - RING FOR DRAIN PLUG	1	

**TITLE: - ASSEMBLY OF BASEFRAME WITH
INTEGRAL FUEL TANK (SPLIT TYPE)
FOR 320KVA DV8 CRDI SILENT GENSET**

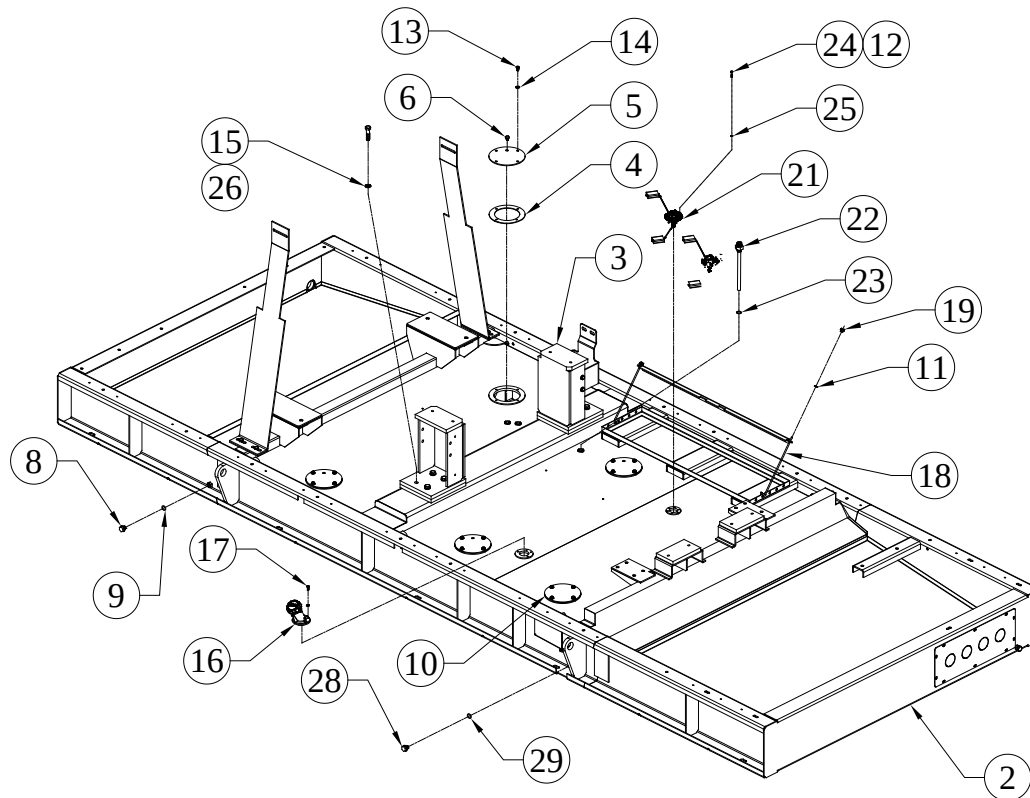
GROUP: -DV8.810.7



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
10	49.386.07.0.00	COVER FOR FUEL TANK	1	
11	50.548.06.000.	WASHER	16	
12	50.077.05.016.	S.S.HEX BOLT M5x16	10	
13	50.003.08.020.	SET SCREW - M8X1.25X20 - 8.8	20	
14	50.506.08.000.	PLAIN MACHINED WASHER - M8	20	
15	50.506.16.000.	PLAIN MACHINED WASHER - M16	8	
16	02.752.41.0.00	PLASTIC FUEL SPOUT AND CAP	1	
17	50.003.06.020.	SET SCREW - M6X1X20 - 8.8	4	
18	F6.792.03.0.00	BATTERY CLAMP STUD FOR 160 KVA	2	
19	50.047.05.000.	WING NUT(M6)	2	
*20	DV8.22PM.01..	FUEL LEVEL SENSOR	1	CONSISTING OF SR.NO.- 21 TO 26
21	DV0.802.25.0.PR	FUEL LEVEL SENSOR HIGHT- 227 MM SAM MAKE	1	
22	DV0.507.25.0.00	INLET AND OUTLET CONNECTION FOR DV10	3	

**TITLE: - ASSEMBLY OF BASEFRAME WITH
INTEGRAL FUELTANK (SPLIT TYPE)
FOR 320KVA DV8 CRDI SILENT GENSET**

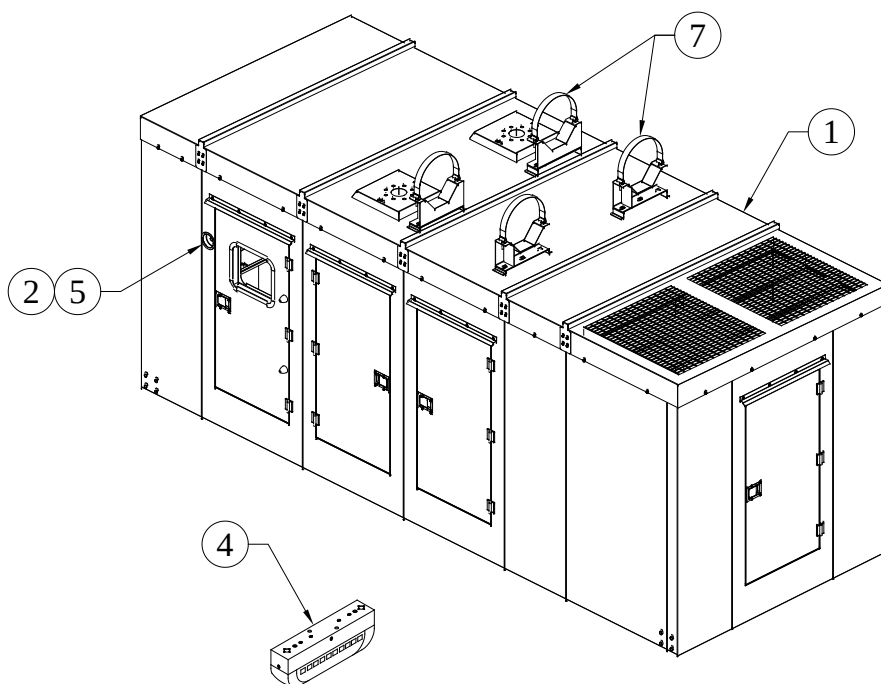
GROUP: -DV8.810.7



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
23	50.508.17.000.	COPPER WASHER (18X24)	3	
24	50.077.05.016.	S.S.HEX BOLT M5x16	6	
25	50.506.05.000.	PLAIN MACHINED WASHER - M5	6	
26	50.506.16.000.	PLAIN MACHINED WASHER - M16	8	
*27	2H.035.20.0.00	PLUG WITH MAGNET & 'O'RING.	1	CONSISTING OF SR.NO.- 28, 29
28	2H.035.10.0.00	DRAIN PLUG ASSEMBLY.	1	
29	F6.024.47.0.00	O - RING FOR DRAIN PLUG	1	

**TITLE: - ASSEMBLY OF CANOPY FOR 320Kva
FOR DV8 CRDI SILENT SET**

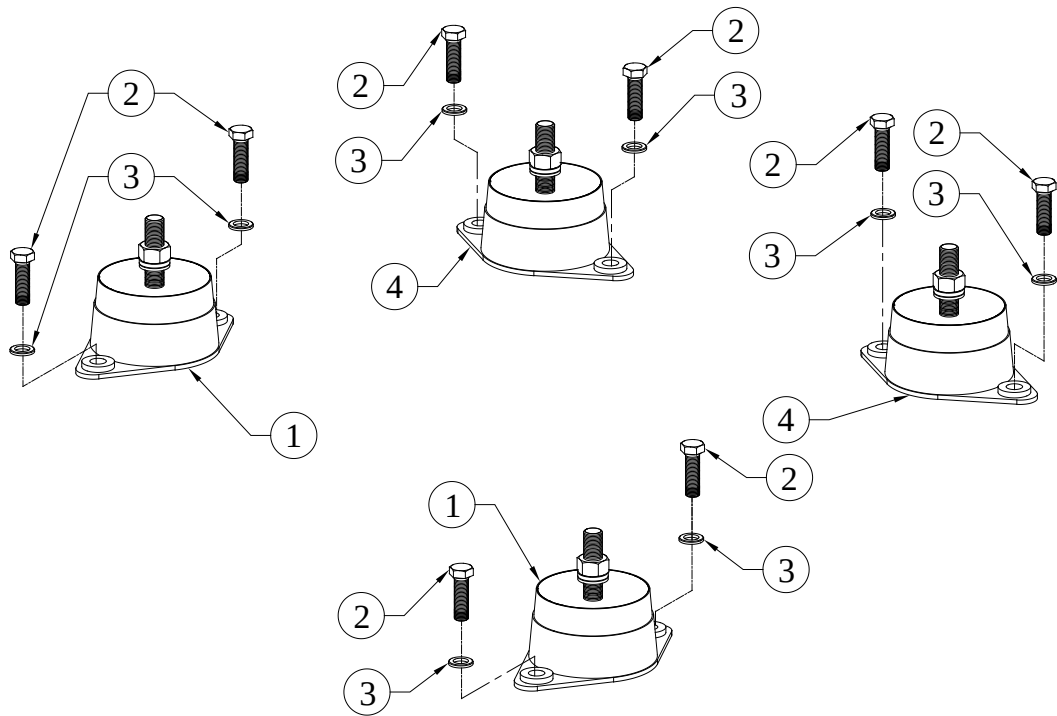
GROUP: - DV8.810.1

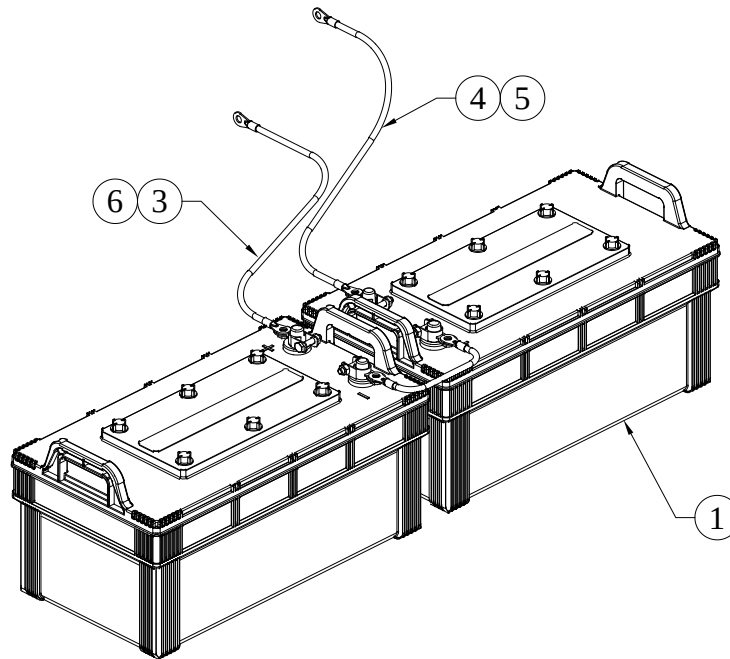


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV8.810.10.0.PR	CANOPY FOR 320KVA DV8 SILENT GENSET (COMPACT- CRDI)	1	
2	4H.448.34.0.00	CUP FOR EMERGENCY STOP	1	
*3	2H.148.01.0.00	CANOPY DOOR BIDDING 18mm DIA. BULB FOR CPCB PROJECT (1 no = 1 mtr)	31	NOT ILLUSTRATED
4	F6.864.03.0.00	24 VDC TUBE SET FOR CONTROL PANEL(BHARAT DEEP MAKE)	2	
5	4H.851.02.0.00	EMERGENCY STOP PUSH BUTTON (NO ELEMENT)	1	
*6	3H.408.48.0.00	NBR FOAM 1.5mm THK, 110 DENSITY WITH PU FOAM 50mm THK, 26 DENSITY, 2SQM	7.5	NOT ILLUSTRATED
7	6H.712.02.0.00	SILENCER STRIP	4	

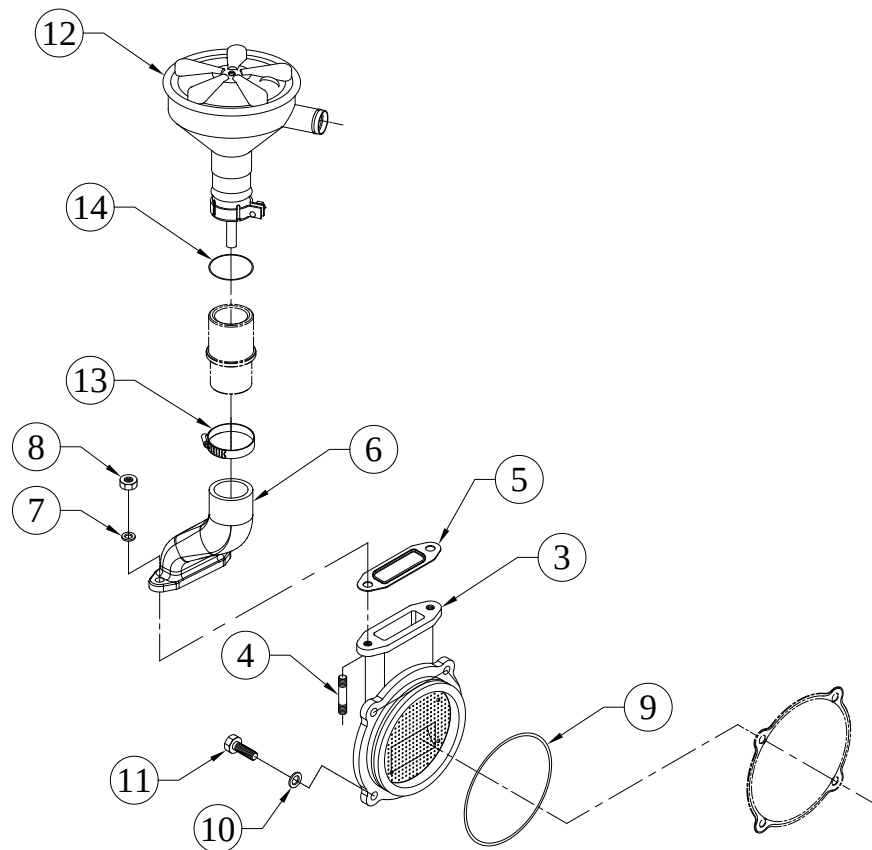
TITLE: - AVM WITH MOUNTING FASTENERS	GROUP: - DV8.12PM.01
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GROUP: - DV8.12PM.01

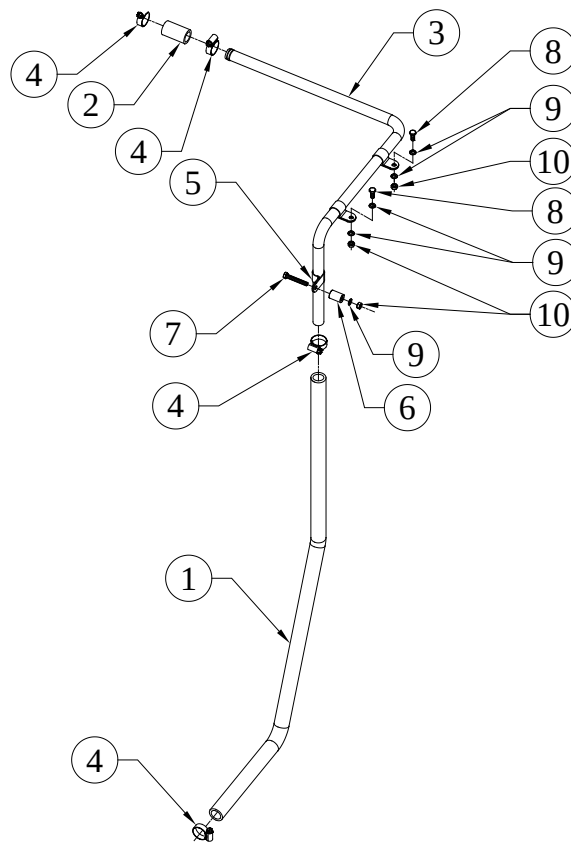
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TITLE: - BATTERY & CABLE**GROUP: - DV8.18PM.01**

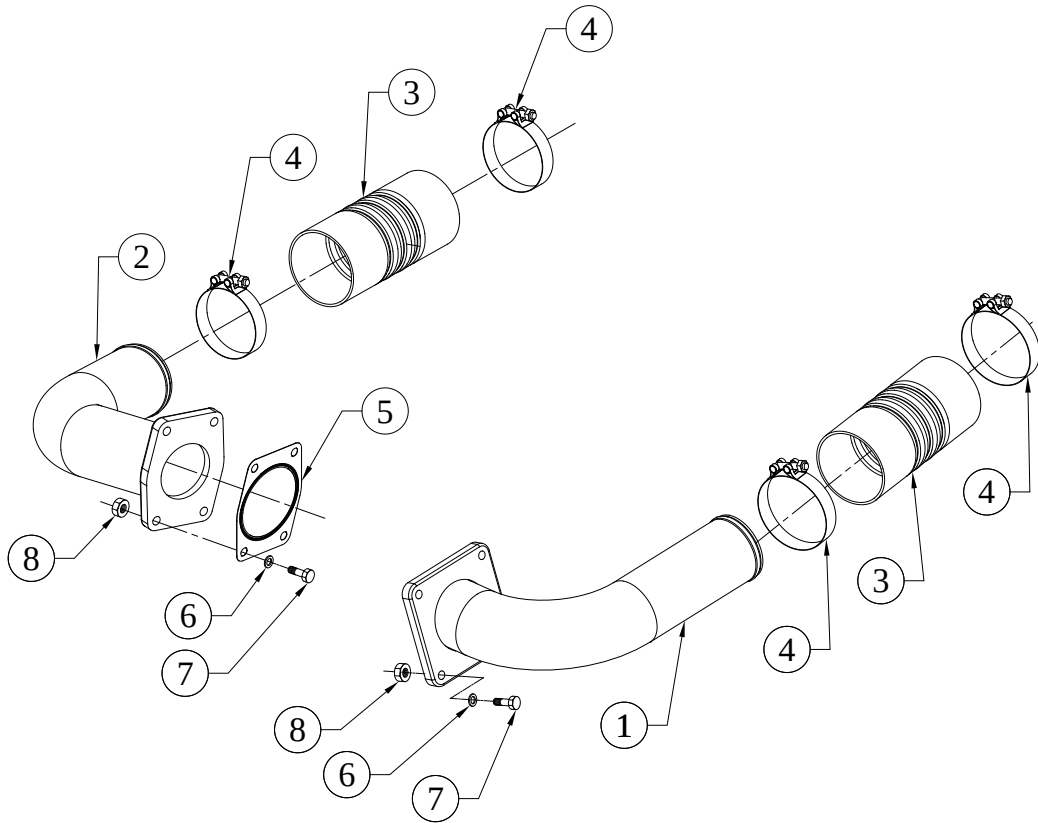
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	02.731.33.0.00	12V 180AH TATA GREEN MAKE BATTERY	2	
*2	DV0.907.10.0.00	BATTERY CABLE ASSEMBLY 70 SQ.MM WITH SUITABLE LUG AND .LENGTH RED CABLE 500 MM & BLACK CABLE 500 MM.	1	CONSISTING OF SR.NO. 3,4
3	4H.450.16.0.00	TERMINAL SLEEVE (RED)	1	
4	4H.450.17.0.00	TERMINAL SLEEVE (BLACK)	1	
5	4H.450.17.0.00	TERMINAL SLEEVE (BLACK)	1	
6	4H.450.16.0.00	TERMINAL SLEEVE (RED)	1	

TITLE: - BREATHER AND MOUNTING**GROUP: - DV0.046**

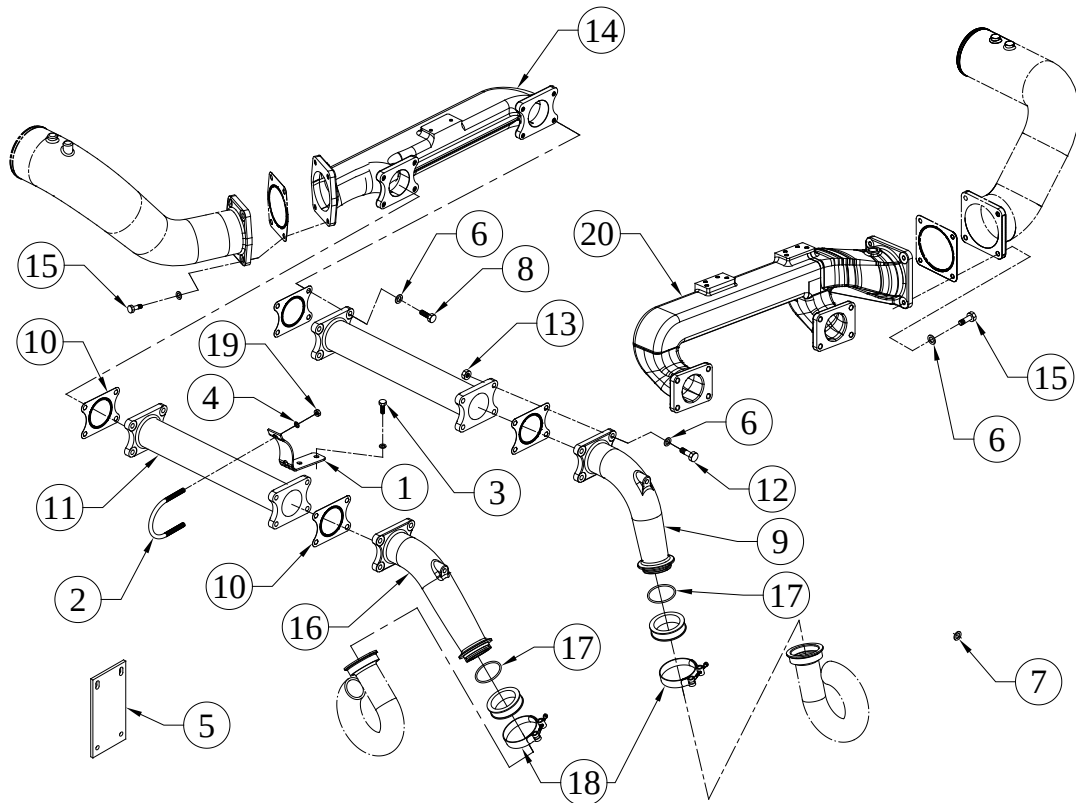
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV0.046.20.0.00	BREATHER ASM	1	CONSISTING OF SR. NO. 2, 9 TO 11
*2	DV0.046.10.0.00	BREATHER PLATE ASM	1	CONSISTING OF SR. NO. 3 TO 8
3	DV0.046.01.0.00	BREATHER PLATE	1	
4	50.010.08.040.	STUD - M8X1.25X40 - 8.8	2	
5	DV0.046.04.0.00	JOINT (BET. BREATER PLATE & ADAPTER)	1	
6	DV0.046.02.0.00	BREATHER ADAPTOR	1	
7	50.506.08.000.	PLAIN MACHINED WASHER - M8	2	
8	50.080.08.000.	NUT (SS) - M8x1.25	2	
9	DV0.046.03.0.00	O RING FOR BREATHER PLATE	1	
10	50.506.08.000.	PLAIN MACHINED WASHER - M8	4	
11	50.003.08.020.	SET SCREW - M8X1.25X20 - 8.8	4	
12	DV0.046.07.0.00	CRANKCASE BREATHER (DV ENGINE)	1	
13	50.519.07.000.	WORM DRIVE HOSE CLIP (35 MM)	1	
14	DV0.046.09.0.00	`O' RING	1	

TITLE: - BREATHER ARRANGEMENT**GROUP: - DV8.13PM.01**

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV0.031.70.0.00	BREATHER HOSE FOR EXPORT	1	
2	F6.013.22.0.00	RUBBER HOSE	1	
3	DV8.031.07.0.PR	BREATHER PIPE	1	
4	50.519.07.000.	WORM DRIVE HOSE CLIP (35 MM)	4	
5	DV0.031.21.0.00	CLIP (FOR BREATHER PIPE)	3	
6	35.103.01.0.00	SPACER FOR BRACKET	1	
7	50.003.08.055.	SET SCREW - M8X1.25X55 - 8.8	1	
8	50.003.08.020.	SET SCREW - M8X1.25X20 - 8.8	2	
9	50.506.08.000.	PLAIN MACHINED WASHER - M8	6	
10	50.006.08.000.	NUT- M8X1.25 - GR.8	3	

TITLE: - CAC PIPE**GROUP: - DV8.033.7**

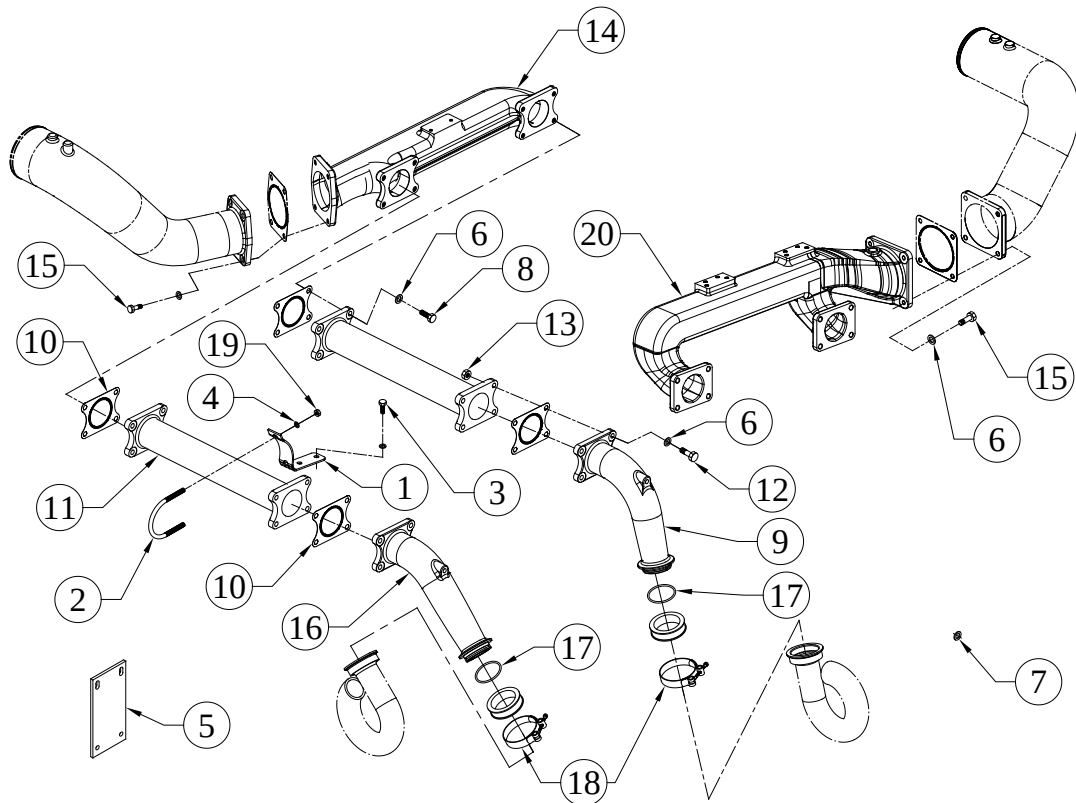
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV8.033.43.0.00	CAC PIPE	1	
2	DV8.033.44.0.PR	CAC OUT PIPE.	1	
3	DV8.031.05.0.00	SILICON HOSE OF 3.5" ID FOR DV8-320 KVA	2	
4	4H.029.05.0.00	T BOLT CLAMP, KLIPCO TB 88 /JUPITOR (92 TO 100 DIA)	4	
5	DV0.033.13.0.00	JOINT (BET.MAIN AIR PIPE HOR+VER)	2	
6	50.506.10.000.	PLAIN MACHINED WASHER - M10	8	
7	50.002.10.035.	SET BOLT - M10X1.5X35 - 8.8	8	
8	50.006.10.000.	NUT - M10X1.5 - GR.8	8	

TITLE: - CAC PIPING**GROUP: - DV8.033.6**

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV0.033.25.0.00	BRACKET (FOR AIR PIPE MOUNTING)	4	
2	DV0.033.23.0.00	CLAMP(FOR AIR PIPE)	4	
3	50.003.08.020.	SET SCREW - M8X1.25X20 - 8.8	8	
4	03.716.03.0.00	WASHER(FUEL PUMP GEAR)	8	
5	DV0.033.45.0.00	JOINING PLATE (FOR AIR PIPE)	1	
6	50.506.10.000.	PLAIN MACHINED WASHER - M10	36	
7	50.548.08.000.	SPL.PLAIN M/CED WASHER	12	
8	50.003.10.030.	SET SCREW - M10X1.5X30 - 8.8	8	
9	DV8.033.34.0.00	TURBO COMPRESSOR OUT PIPE (LH VIEW FROM FWE)	1	
10	DV0.033.14.0.00	JOINT (BET.BEND TO AIR PIPE)	4	
11	DV8.033.03.0.00	AIR PIPE (DV8) FROM TURBO COMPRESSOR OUT TO CAC	2	
12	50.002.10.045.	SET BOLT - M10X1.5X45 - 8.8	16	
13	50.006.10.000.	NUT - M10X1.5 - GR.8	20	
14	DV0.033.61.0.00	MAIN AIR PIPE (HORIZONTAL CAC INLET) LM 25	1	
15	50.002.10.035.	SET BOLT - M10X1.5X35 - 8.8	8	

TITLE: - CAC PIPING

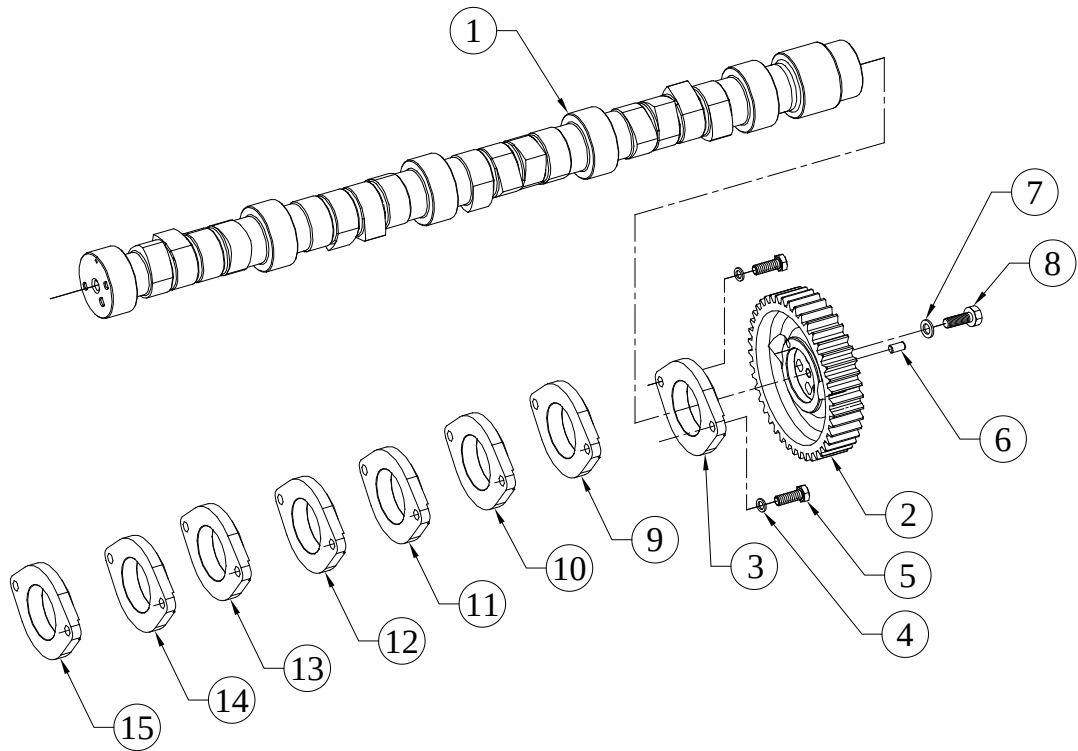
GROUP: - DV8.033.6



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
16	DV8.033.35.0.00	TURBO COMPRESSOR OUT PIPE (RH VIEW FROM FWE)	1	
17	F6.377.06.0.00	O RING FOR TURBO OUTLET	2	
18	DV8.033.32.0.00	V-BAND CLAMP (77MM NOM.DIA.)	2	
19	4H.781.11.0.00	NYLOCK NUT FOR JCB LOGING (M8X1.25)	8	
20	DV0.033.75.0.PR	MAIN AIR PIPE (HORIZONTAL CAC OUT)	1	

**TITLE: - CAMSHAFT (WITH INTERNAL
EGR WITH 0.75 MM SECONDARY
LIFT)**

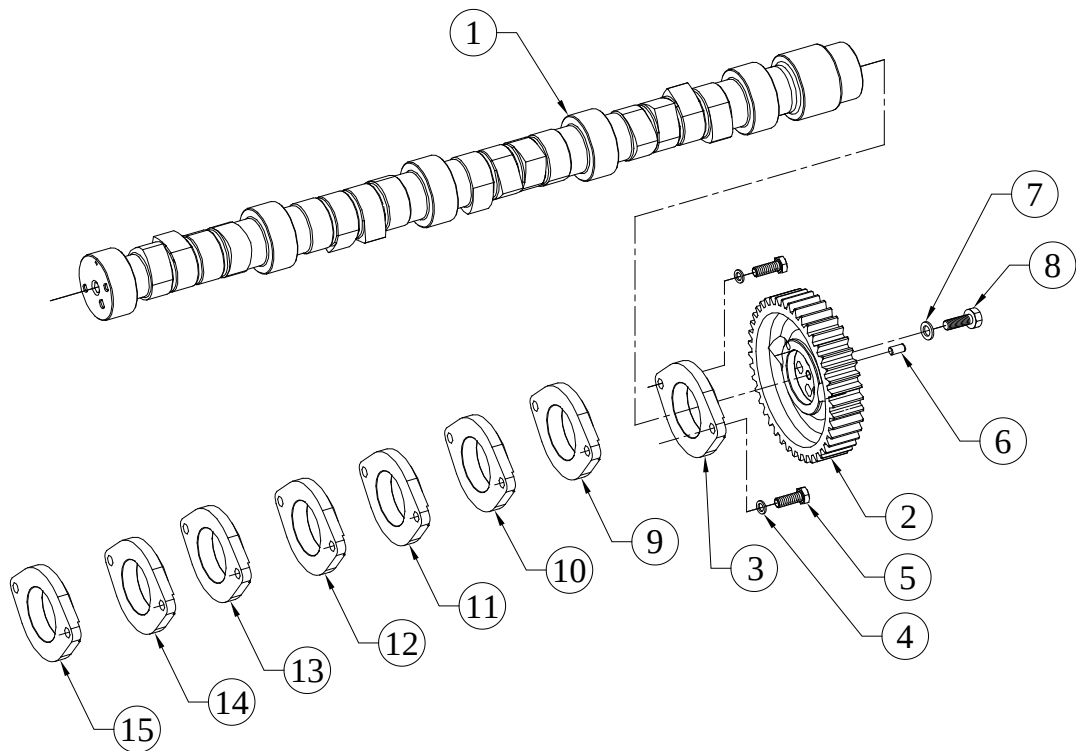
GROUP: - DV8.004.4



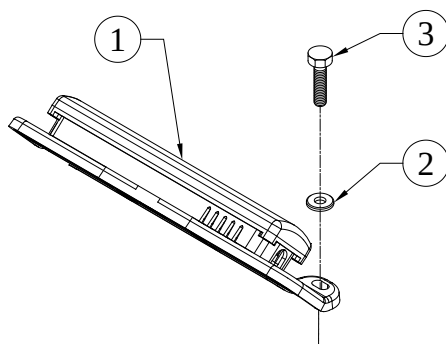
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV8.004.92.0.PR	DV8 CAMSHAFT WITH INTERNAL EGR (0.75 MM SECONDARY LIFT)	1	NOT SUPPLIED LOOSE
2	DV8.004.03.0.PR	CAM GEAR (FINISH)	1	NOT SUPPLIED LOOSE
3	DV0.004.03.0.00	THRUST PLATE FOR CAM SHAFT	1	NOT SUPPLIED LOOSE
4	50.506.10.000.	PLAIN MACHINED WASHER - M10	2	
5	50.003.10.025.	SET SCREW - M10X1.5X25 - 8.8	2	
6	50.401.08.025.	DOWEL PIN 8X25	1	
7	50.506.12.000.	PLAIN MACHINED WASHER - M12	4	
8	DV0.004.06.0.00	SPECIAL BOLT (FOR CAM SHAFT)	4	
9	DV0.004.07.0.00	THRUST PLATE FOR CAM SHAFT (WIDHT 17.9)	1	
10	DV0.004.08.0.00	THRUST PLATE FOR CAM SHAFT (WIDHT 18.1)	1	
11	DV0.004.09.0.00	THRUST PLATE FOR CAM SHAFT (WIDHT 18.2)	1	
12	DV0.004.11.0.00	THRUST PLATE FOR CAMSHAFT (18.7 mm. THICK)	1	

**TITLE: - CAMSHAFT (WITH INTERNAL
EGR WITH 0.75 MM SECONDARY
LIFT)**

GROUP: - DV8.004.4



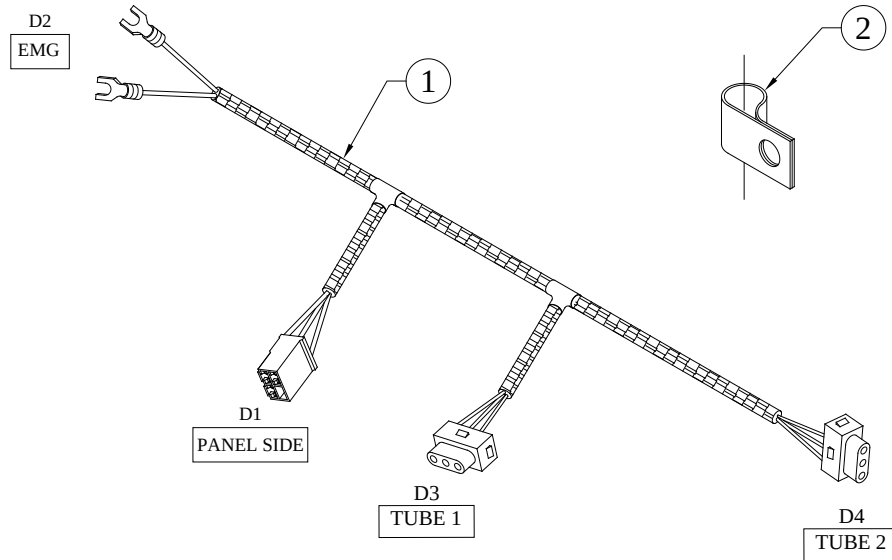
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
13	DV0.004.13.0.00	THRUST PLATE FOR CAMSHAFT (17.5 mm THICK)	1	
14	DV0.004.12.0.00	THRUST PLATE FOR CAMSHAFT (18.3 mm. THICK)	1	
15	DV0.004.14.0.00	THRUST PLATE FOR CAMSHAFT (17.3 mmTHICK)	1	

TITLE: - CANOPY LIGHT 24V DC LED GROUP**GROUP: - 02.28PM.08**

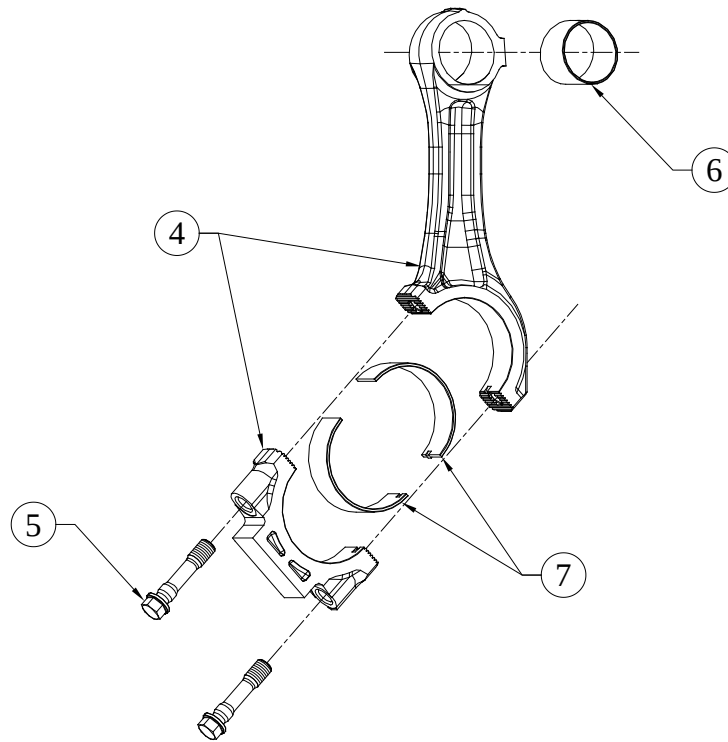
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	D8.079.49.0.PR	TUBE LIGHT LED SAM MAKE 24V DC,6" LONG FOR CANOPY WITH CONNECTOR	1	
2	50.548.06.000.	WASHER	2	
3	50.003.05.020.	SET SCREW - M5X0.8X20 - 8.8	2	

**TITLE: - CANOPY WIRING HARNESS
ASSEMBLY**

GROUP: - DV8.28PM.01



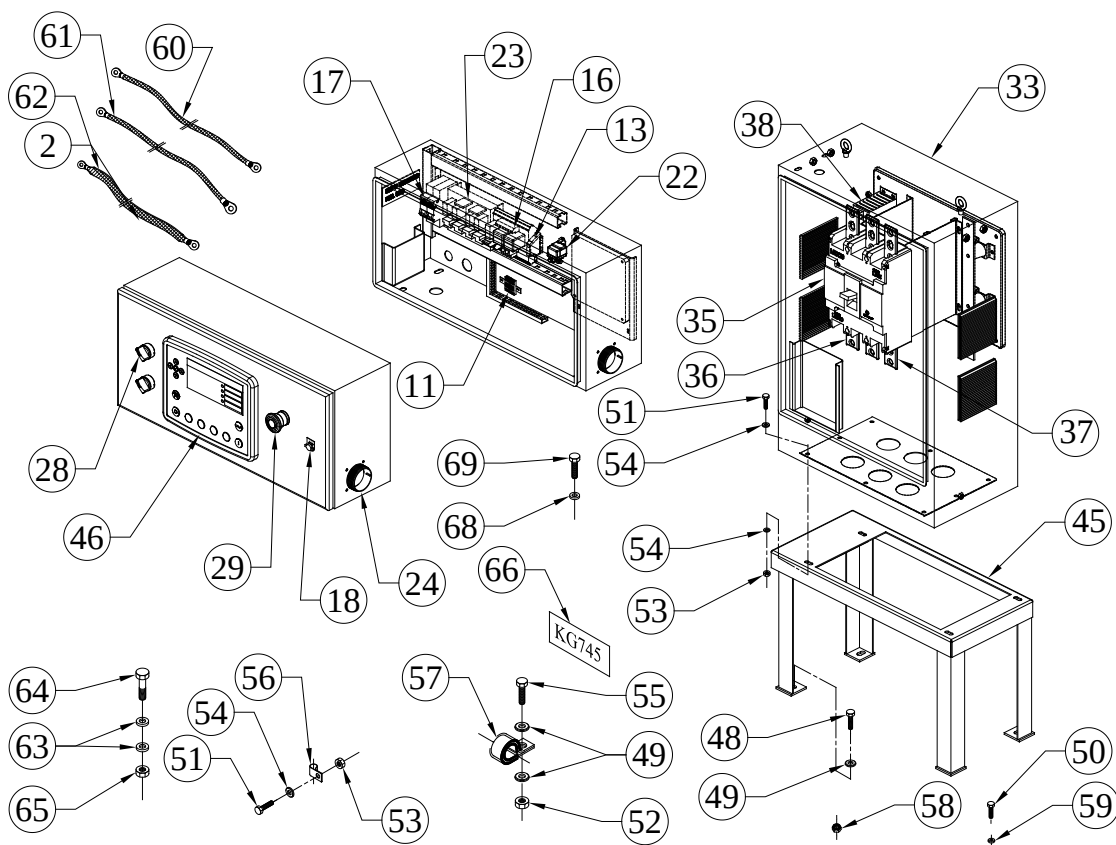
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV8.863.10.0.PR	CANOPY WIRING HARNESS FOR DV8 320KVA CPCB II	1	
2	34.151.03.0.00	CLIP FOR FLEXIBLE PIPE WITH SLEEVE	11	

TITLE: - CONNECTING ROD**GROUP: - DV0.005**

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV0.005.30.0.00	CON ROD ASSEMBLY WITH BEARING	1	CONSISTING OF SR. NO. 2 & 7
*2	DV0.005.20.0.00	CONNECTING ROD ASSLY.WITH SMALL END BUSH WITH LARGE END BEARING	1	CONSISTING OF SR. NO. 3 NOT SUPPLIED LOOSE
*3	DV0.005.10.0.00	CONNECTING ROD ASSLY.WITH SMALL END BUSH	1	CONSISTING OF SR. NO. 4
4	DV0.005.01.0.00	CONNECTING ROD (M/C)	1	
5	DV0.005.02.0.00	CONNECTING ROD BOLT	2	
6	LP.547.540.0.700	DVO.005.07.0.00 KIR DV10 C/R BUSH, STD UB	1	
7	LP.547.434.0.000	DVO.005.06.0.00 KIR DV10 B/E BRG, STD,	2	NOT SUPPLIED LOOSE

**TITLE: -CONTROL PANEL, POWER PANEL &
STAND ASSEMBLY FOR 320 KVA**

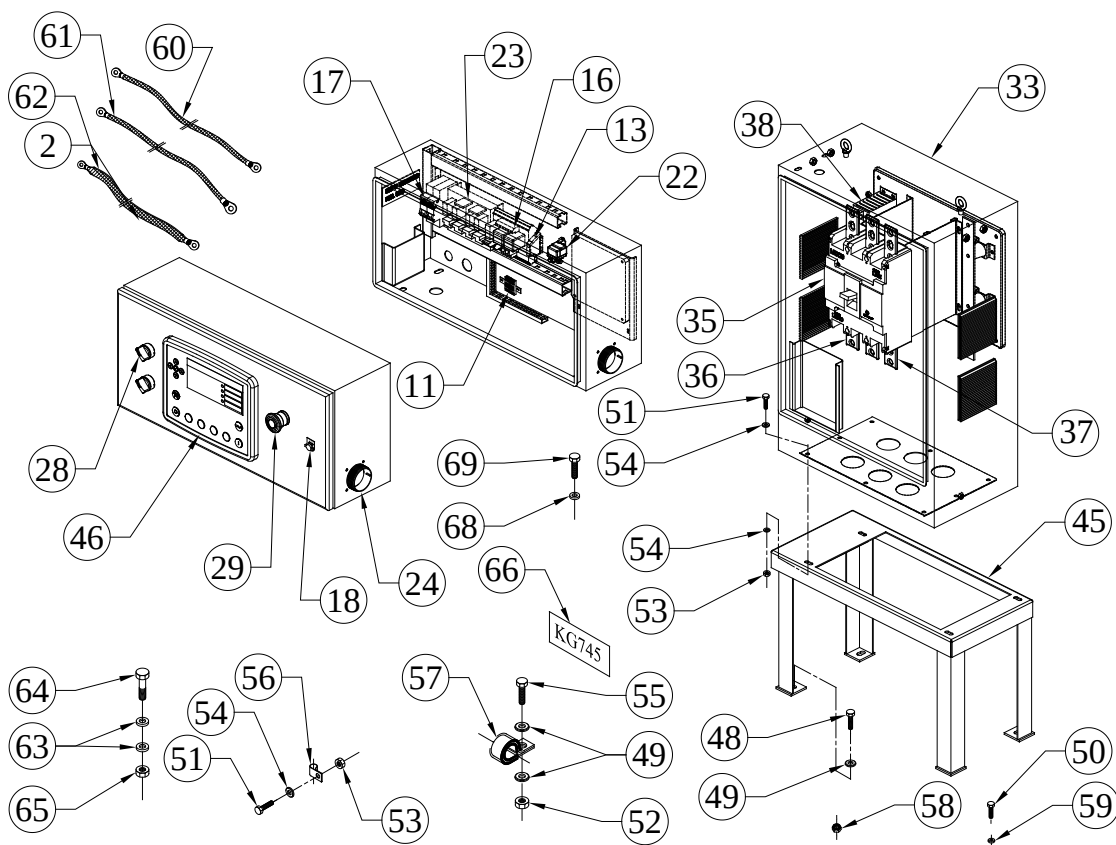
GROUP: -DV8.16PM.34



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV8.867.50.0.00	ENGINE CONTROL PANEL ASSEMBLY	1	CONSISTING OF SR.NO.- 2 TO 4, 31
2	DV0.853.13.0.00	ENGINE CONTROL PANEL WITH DSE 7320 MKII CONTROLLER FAB DWG	1	
*3	DV0.853.27.0.00	ENGINE CONTROL & POWER DWG WITH DSE 7320 MKII UNIT,FAN CLUTCH & HEATER	1	NOT ILLUSTRATED
*4	DV8.863.80.0.00	ELECTRICAL COMP. ASSEMBLY WITH KG 545 UNIT	1	CONSISTING OF SR.NO.- 5 TO 30
*5	4H.865.09.0.00	GLASS FUSE 2AMP. 20 MM RELAINCE/ EI MAKE	3	NOT ILLUSTRATED
*6	3H.870.08.0.00	GLASS FUSE 20 MM LENGTH 4 AMP	1	NOT ILLUSTRATED
*7	3H.870.09.0.00	GLASS FUSE 6 AMP 20MM LENGTH	1	NOT ILLUSTRATED

**TITLE: -CONTROL PANEL, POWER PANEL &
STAND ASSEMBLY FOR 320 KVA**

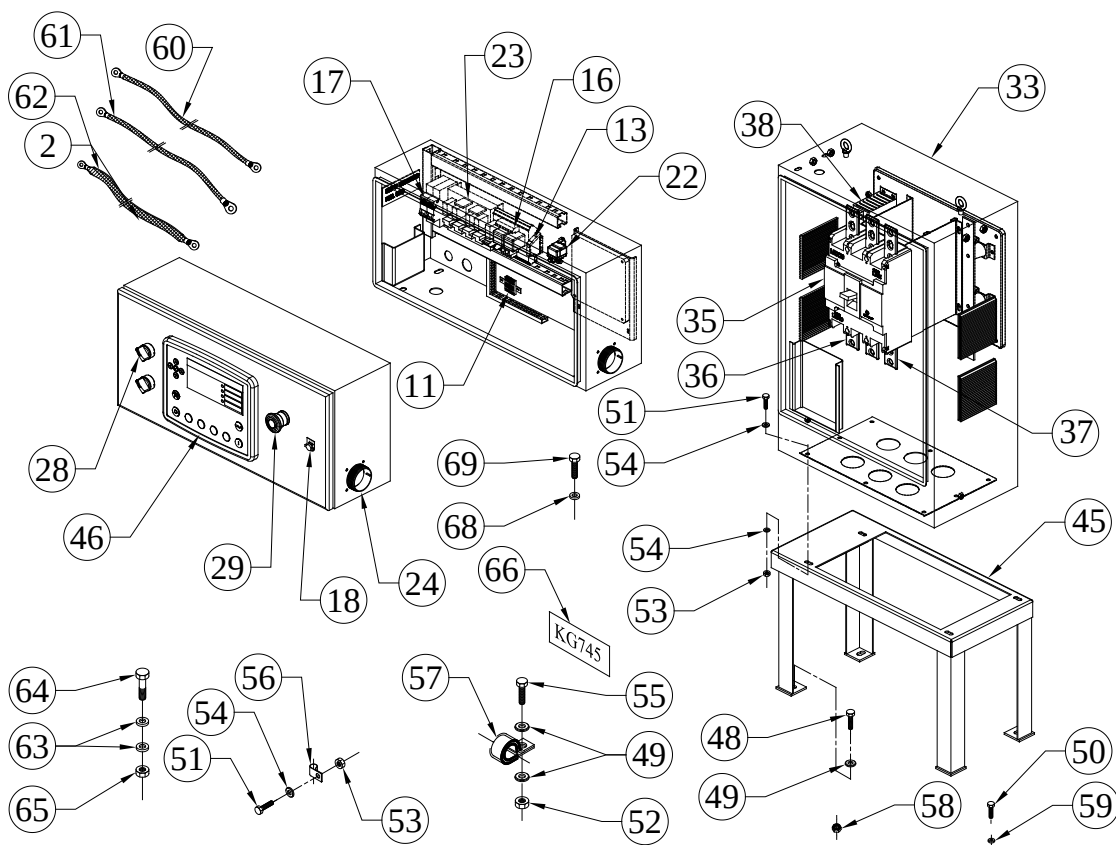
GROUP: -DV8.16PM.34



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*8	3H.870.28.0.00	GLASS FUSE10AMP. 20 MM RELAINCE MAKE	1	NOT ILLUSTRATED
*9	D4.236.05.0.00	GLASS FUSE 300 MA 20MM LENGTH	2	NOT ILLUSTRATED
*10	2H.892.09.0.00	FUSE BLOWN INDICATOR 12 /24 VDC PHONIX MAKE BLACK COLOUR R	5	NOT ILLUSTRATED
11	4H.865.08.0.00	FUSE HOLDER WITH FUSE BLOWN INDICATOR PHONIX MAKE (220/230V)	3	
*12	03.394.05.0.00	MSSL MAKE CONNECTOR 250 SERIES 2PIN MALE WITH MALE PINS(FOR PANEL)	1	NOT ILLUSTRATED
13	KV8.853.07.0.00	CONNECTWELL / ESBEE / ELMEX MAKE END CLAMP (QTY AS REQUIRED)	6	
*14	38.346.02.0.00	CONTROL TERMINAL 4 SQ.MM.,600V,25A,TYPE- CTS4UN,CONNECTWELL MAKE	5	NOT ILLUSTRATED

**TITLE: -CONTROL PANEL, POWER PANEL &
STAND ASSEMBLY FOR 320 KVA**

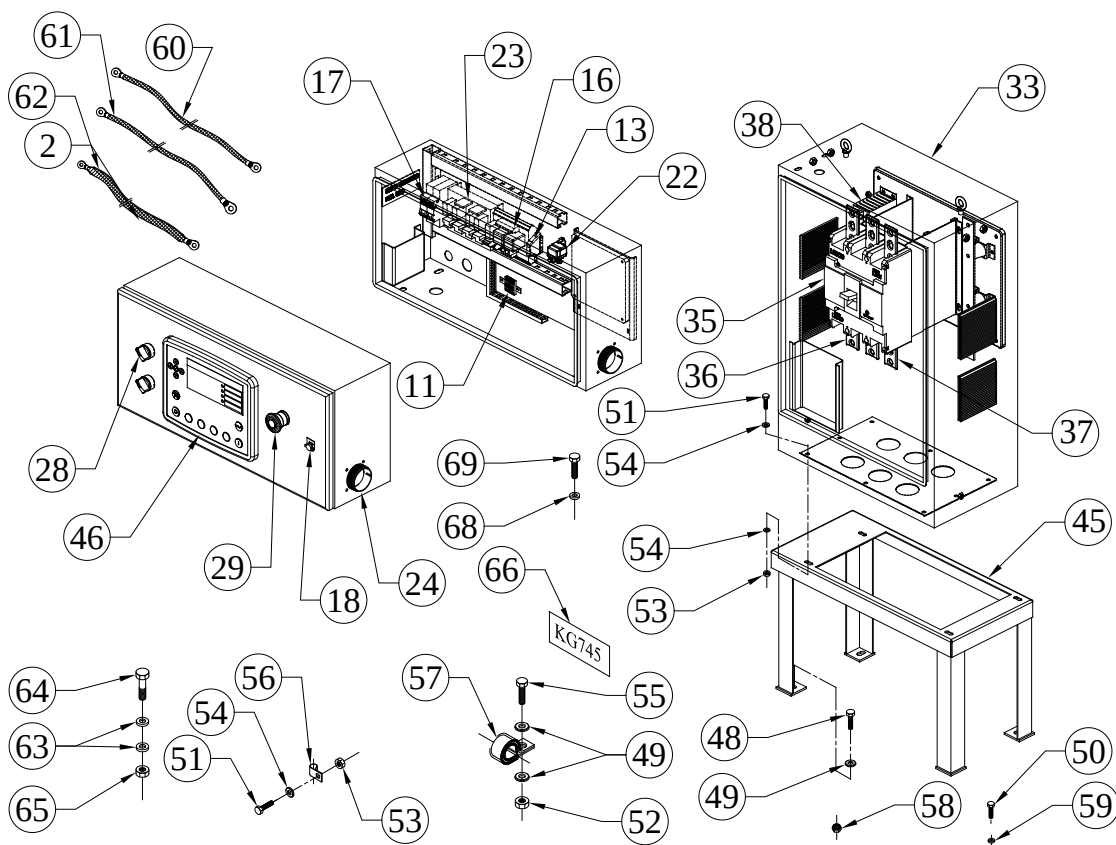
GROUP: -DV8.16PM.34



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*15	4H.865.22.0.00	CONTROL TERMINAL 6 SQ.MM,600V,50A,TYPE-CTS6U, CONNECTWELL MAKE	3	NOT ILLUSTRATED
16	F6.863.17.0.00	RELAY BOARD 2.5 CHANEL UL MAKE 40 AMP. CAPACITY 24 V DC	1	
17	KML.0032.106.0.00	MCB 32A , 1 POLE, 06KA BREAKING CAPACITY, CURVE C, KOEL MAKE (TYPE: KML11 C32)	2	
18	6H.880.16.0.00	DOOR LOCK DARSHANA MAKE ,TYPE-DM3WL / EQUIV - DIE CAST , STANDARD GRIP 30MM	2	
*19	2H.892.12.0.00	CONNECTWELL / ESBEE / ELMEX / EQUI MAKE END PLATES FOR 4 SQ.MM TERMINAL STRIPS (QTY AS REQ.)	2	NOT ILLUSTRATED

**TITLE: -CONTROL PANEL, POWER PANEL &
STAND ASSEMBLY FOR 320 KVA**

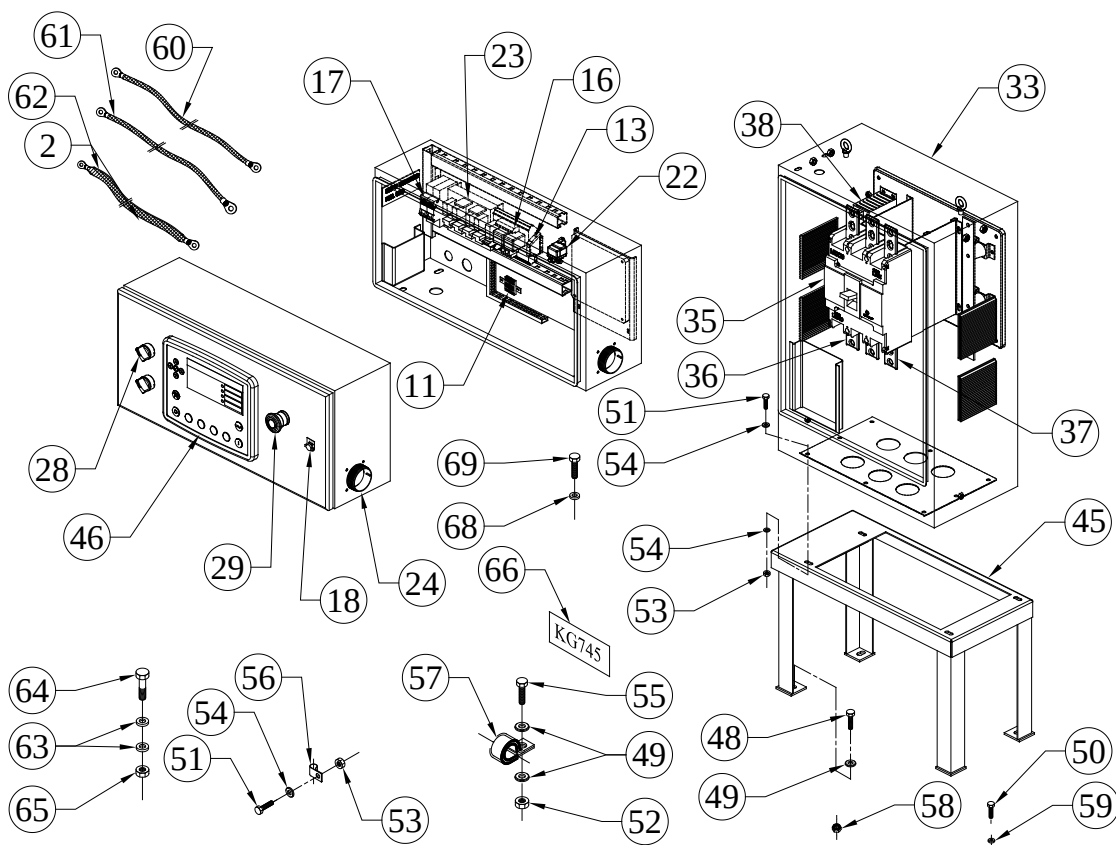
GROUP: -DV8.16PM.34



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*20	46.480.11.0.00	CONNECTWELL MAKE END PLATES FOR 6 SQ.MM TERMINAL STRIPS	1	NOT ILLUSTRATED
*21	02.834.03.0.00	MSSL MAKE CONNECTOR 250 SERIES 2PIN FEMALE CONNECTOR (HOUSING 60702481-2) WITH FEMALE PINS(TERMINALS 82404140) (FOR PANEL)	2	NOT ILLUSTRATED
22	F6.860.11.0.00	RELAY 24VDC,100A BAGLA MAKE	1	
23	DV0.853.12.0.00	RELAY BOARD 4 CHANNEL 1C/O UL MAKE 10 Amp CAPACITY 24V DC WITH 1 SNUBBER RELAY	1	
24	6H.902.25.0.00	23-PIN CONNECTOR ALLIED MAKE MS-3102-R-32-6-P (MALE TYPE PINS)+C&C+SQG	1	
*25	6H.854.17.0.00	3PIN POWER MATE MAKE CONNECTOR (MALECONECTOR FEMEL PINS)	1	NOT ILLUSTRATED

**TITLE: -CONTROL PANEL, POWER PANEL &
STAND ASSEMBLY FOR 320 KVA**

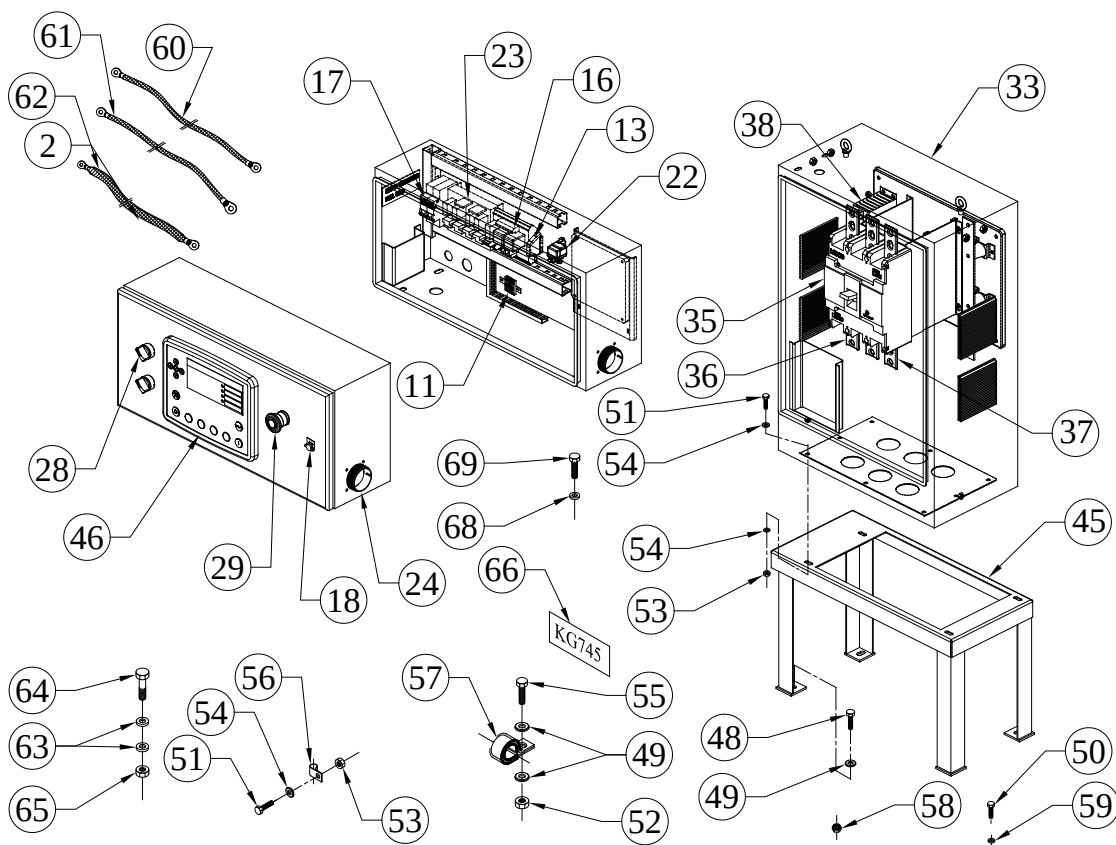
GROUP: -DV8.16PM.34



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*26	DV0.853.11.0.00	4 PIN POWER CONNECTOR (MALE CONN. WITH FEMALE PINS) MOLEX MAKE	1	NOT ILLUSTRATED
*27	KV8.853.13.0.00	6 PIN CONNECTOR MOLEX MAKE (TYPE MOLEX 5557- 06R) WITH FEMALE PINS	1	NOT ILLUSTRATED
28	6H.880.41.0.00	ON\OFF SELECTOR SWITCH WITH NO ELEMENT TEKNIC MAKE PLASTIC (P2AS2-2P + S1),ESBEE MAKE PLASTIC (EMNCSR1 + EC1C)	2	
29	6H.880.43.0.00	EMG STOP WITH NC ELEMENT TEKNIC MAKE PLASTIC (P2AML4 + S2),ESBEE MAKE PLASTIC (EMNRMH1 + EC2C)	1	
*30	6H.880.38.0.00	1NO, S1 ELEMENT TEKNIC MAKE	1	NOT ILLUSTRATED
*31	DV0.901.90.0.00	SET OF CONNECTORS FOR KG-745	1	NOT ILLUSTRATED

**TITLE: -CONTROL PANEL, POWER PANEL &
STAND ASSEMBLY FOR 320 KVA**

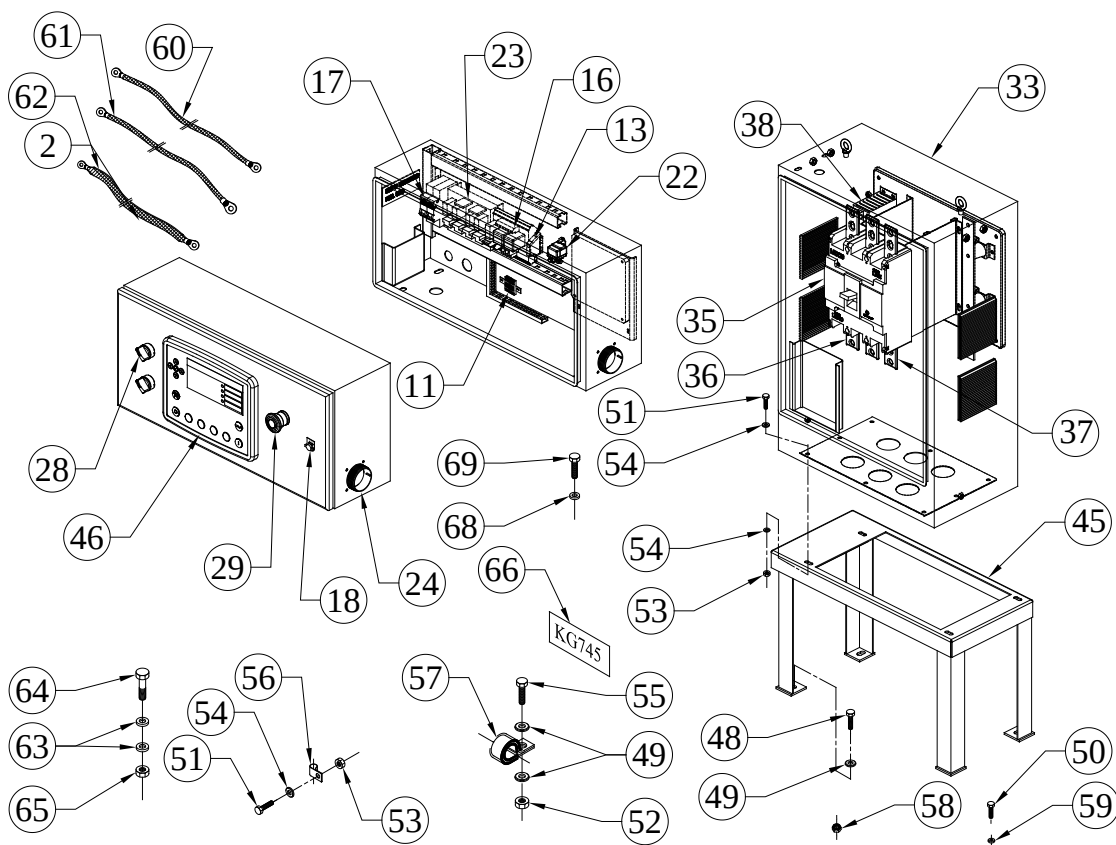
GROUP: -DV8.16PM.34



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*39	4H.865.08.0.00	FUSE HOLDER WITH FUSE BLOWN INDICATOR PHONIX MAKE (220/230V)	2	NOT ILLUSTRATED
*40	38.346.02.0.00	CONTROL TERMINAL 4 SQ.MM.,600V,25A,TYPE- CTS4UN,CONNECTWELL MAKE	1	NOT ILLUSTRATED
*41	2H.892.12.0.00	CONNECTWELL / ESBEE / ELMEX / EQUI MAKE END PLATES FOR 4 SQ.MM TERMINAL STRIPS (QTY AS REQ.)	1	NOT ILLUSTRATED
*42	4H.865.09.0.00	GLASS FUSE 2AMP. 20 MM RELAINCE/ EI MAKE	2	NOT ILLUSTRATED
*43	KV8.853.07.0.00	CONNECTWELL / ESBEE / ELMEX MAKE END CLAMP (QTY AS REQUIRED)	1	NOT ILLUSTRATED

TITLE: -CONTROL PANEL, POWER PANEL & STAND ASSEMBLY FOR 320 KVA

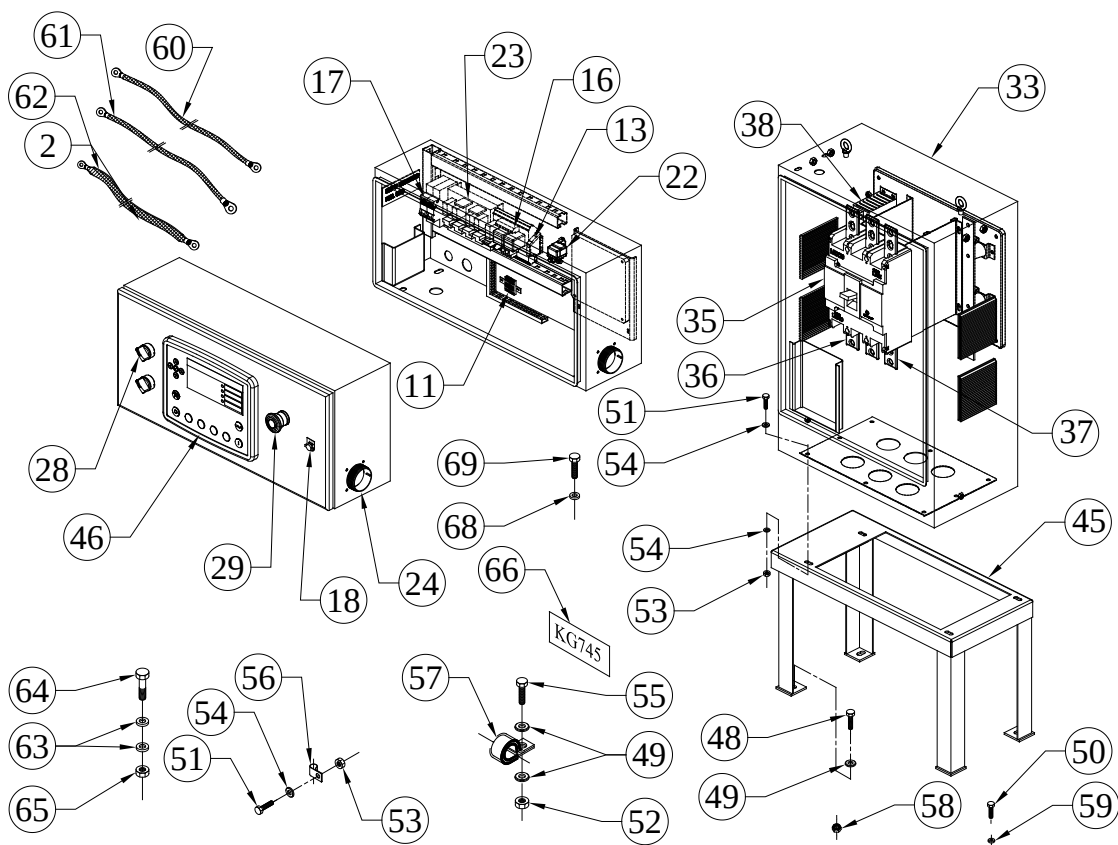
GROUP: -DV8.16PM.34



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*44	02.834.03.0.00	MSSL MAKE CONNECTOR 250 SERIES 2PIN FEMALE CONNECTOR (HOUSING 60702481-2) WITH FEMALE PINS(TERMINALS 82404140) (FOR PANEL)	1	NOT ILLUSTRATED
45	DV8.856.18.0.PR	DV8 -320KVA CONTROL PANEL STAND SUITABLE MECCALTE ALTERNATOR	1	
46	DV0.858.05.0.00	GENSET CONTROLLER KG 745 TYPE-DSE 7320 MK II (7320-A3)	1	
*47	KL6.506.7..	CONTROL PANEL STAND MOUNTING FASTENERS	1	CONSISTING OF SR.NO.- 48 TO 59
48	50.003.12.030.	SET SCREW - M12X1.75X30 - 8.8	4	
49	50.548.12.000.	SPL. PLAIN WASHER - M12	6	
50	50.003.08.020.	SET SCREW - M8X1.25X20 - 8.8	1	
51	50.003.08.025.	SET SCREW - M8X1.25X25 - 8.8	10	
52	50.006.12.000.	NUT - M12X1.75 - GR.8	1	

**TITLE: -CONTROL PANEL, POWER PANEL &
STAND ASSEMBLY FOR 320 KVA**

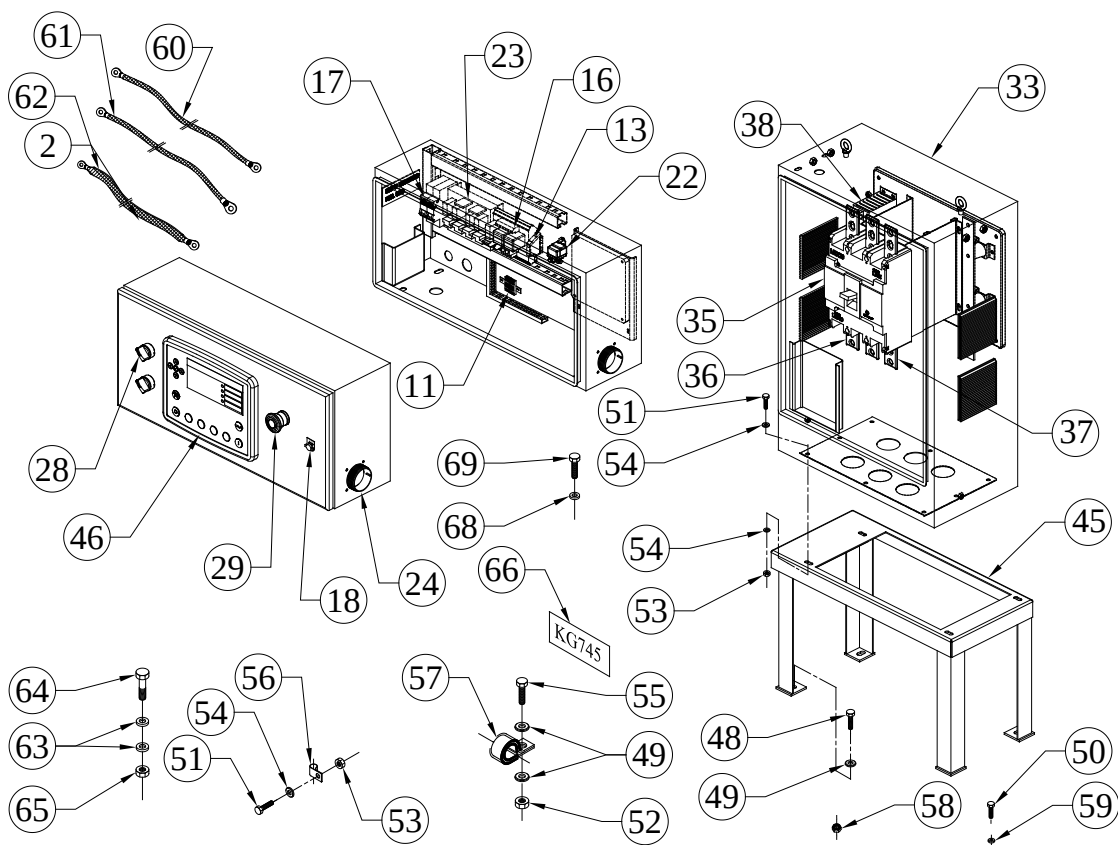
GROUP: -DV8.16PM.34



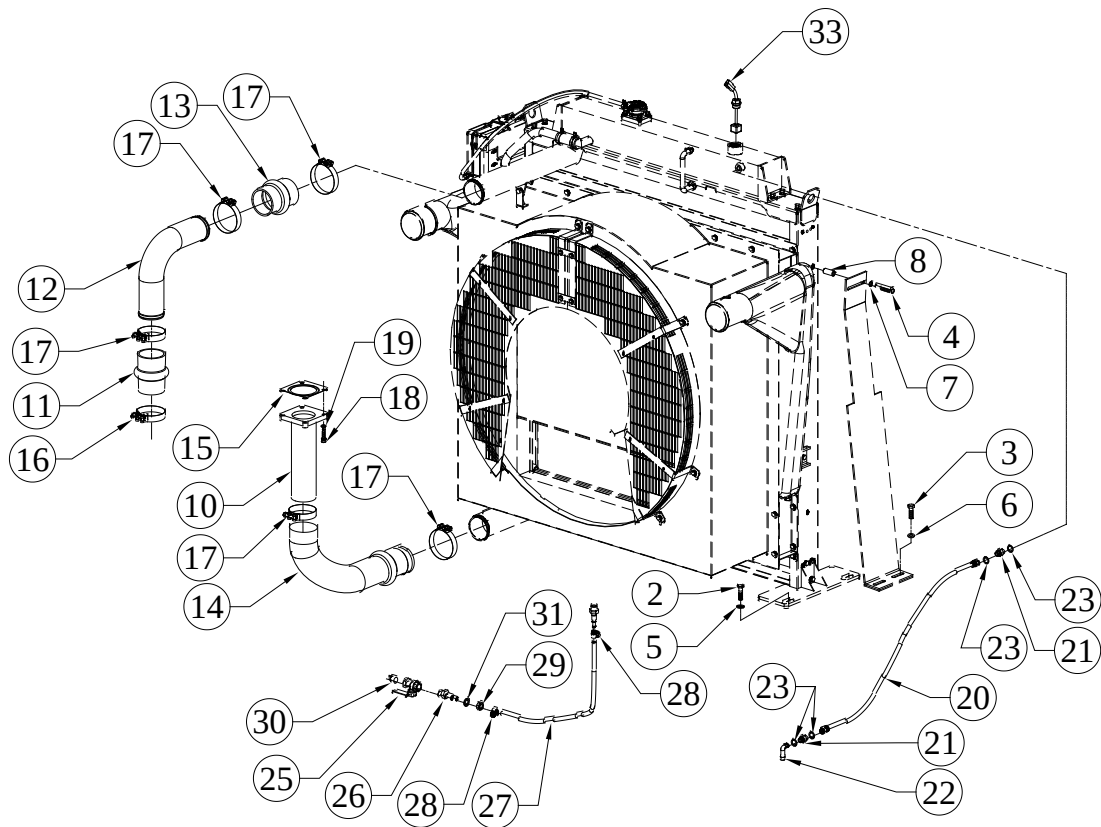
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
53	50.006.08.000.	NUT- M8X1.25 - GR.8	6	
54	50.548.08.000.	SPL.PLAIN M/CED WASHER	12	
55	50.003.12.035.	SET SCREW - M12X1.75X35 - 8.8	1	
56	34.151.03.0.00	CLIP FOR FLEXIBLE PIPE WITH SLEEVE	1	
57	3H.905.02.0.00	CLIP 25 DIA FOR FLEXIBLE PIPE	2	
58	50.037.08.000.	SELF LOCKING NYLOC NUT - M8	4	
59	50.506.08.000.	PLAIN MACHINED WASHER - M8	3	
60	F6.872.05.0.00	EARTHING CABLE, 19/3, 700 MM LENGTH, 10 ID, 35 SQMM LUGS AT BOTH SIDE	1	
61	KV2.901.04.0.00	EARTHING CABLE, 25/3, 850 MM LENGTH, 50 SQMM FOR ALT. TO PANEL	1	
62	F6.933.24.0.00	EARTHING CABLE (PVC ,GREEN COLOUR) FOR RADIATOR TO STARTER 2.5 SQ.MM.	1	
63	4H.971.23.0.00	M8 BRASS WASHER FOR PANEL EARTHING	4	

**TITLE: -CONTROL PANEL, POWER PANEL &
STAND ASSEMBLY FOR 320 KVA**

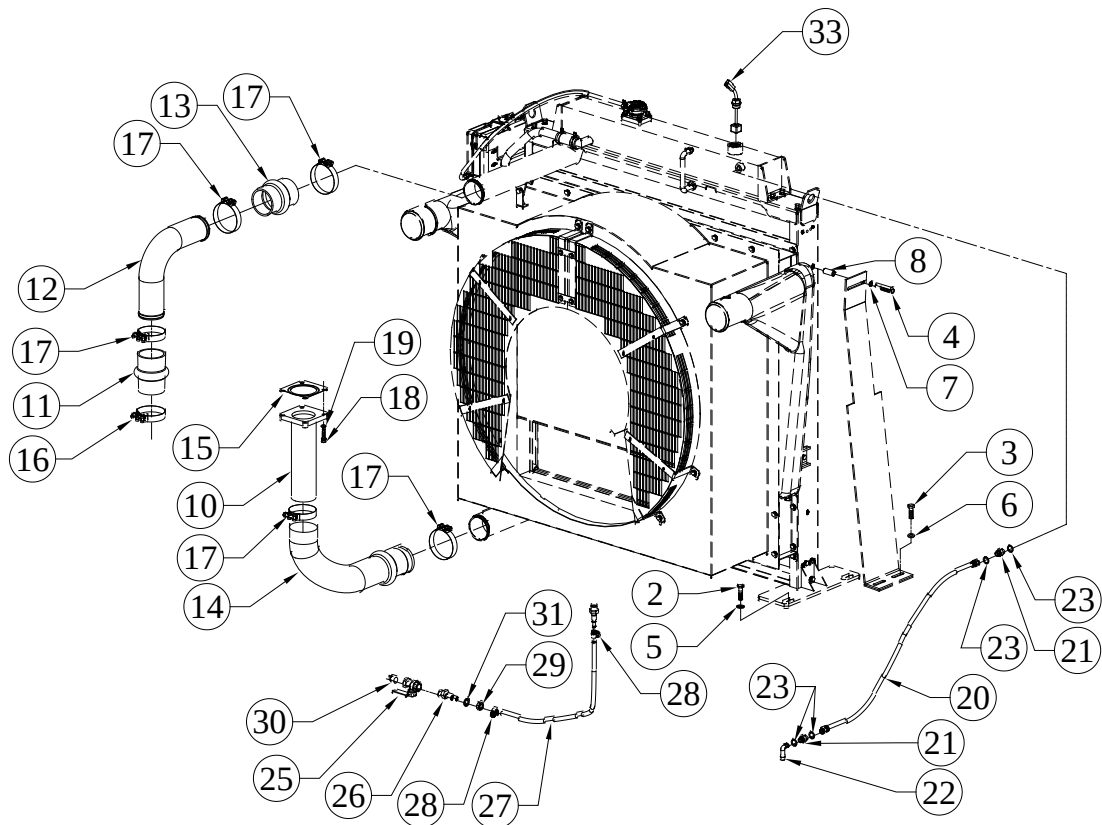
GROUP: -DV8.16PM.34



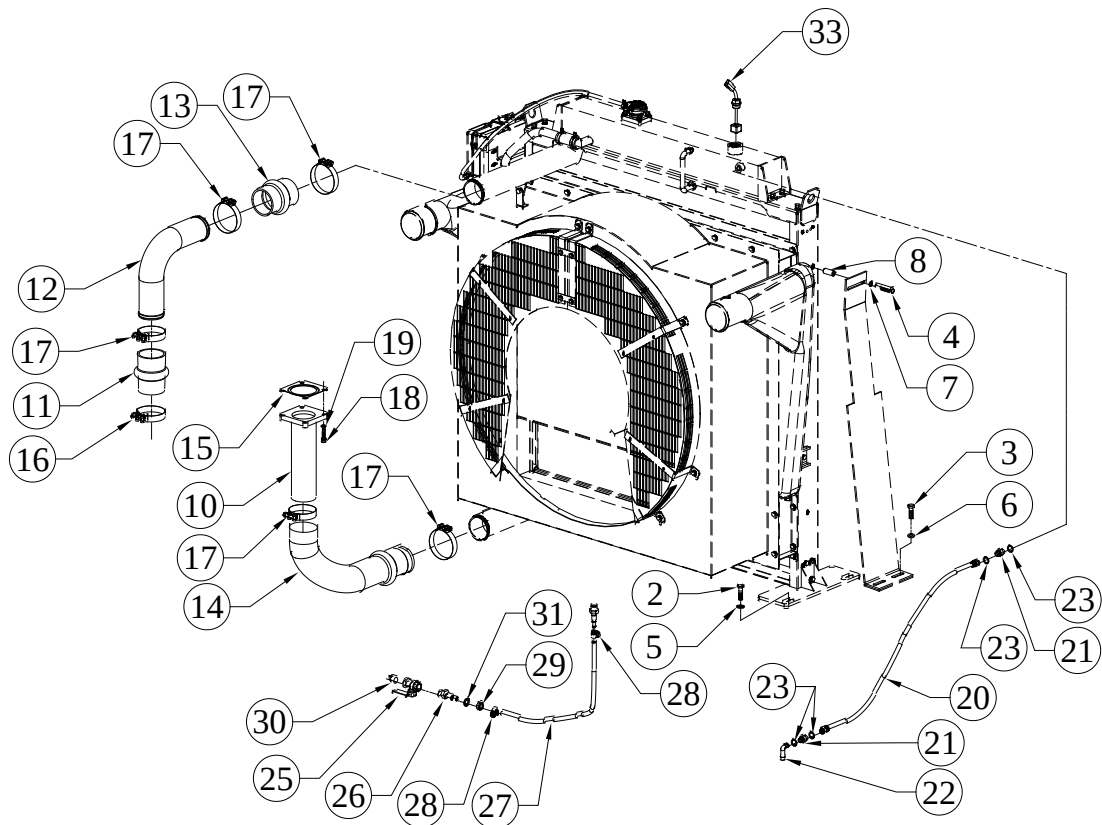
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
64	4H.971.18.0.00	SET BOLT M8 (ROLLED BRASS) FOR PANEL EARTHING	2	
65	4H.971.19.0.00	M8 NUT ROLLED BRASS FOR PANEL EARTHING SHANTI PROJECT	2	
66	02.710.93.0.00	STICKER FOR 'KG 745'	1	
*67	F6.1030.70.0.00	SPACER FOR CONTROL PANEL MOUNTING	1	CONSISTING OF SR.NO.- 68, 69
68	03.182.02.0.00	SPACER (BAR)	4	
69	50.003.08.020.	SET SCREW - M8X1.25X20 - 8.8	3	

TITLE: - COOLING SYSTEM**GROUP: - DV8.10PM.01**

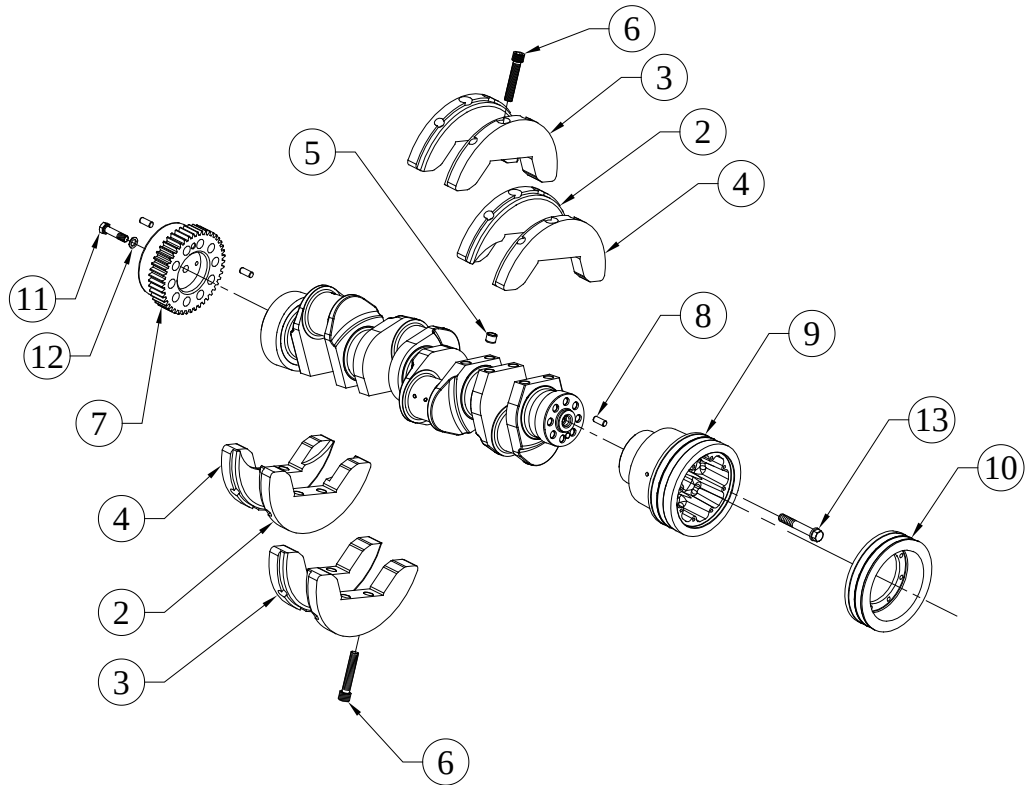
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV8.10PM.10.0.00	RADIATOR & MTG. ASSEMBLY	1	CONSISTING OF SR.NO. 2 TO 8
2	50.002.14.045.	SET BOLT - M14X2X45 - 8.8	4	
3	50.002.12.030.	SET BOLT - M12X1.75X30 - 8.8	4	
4	50.002.10.080.	SET BOLT - M10X1.5X80 - 8.8	4	
5	50.548.14.000.	SPL. PLAIN WASHER - M14	4	
6	50.506.12.000.	PLAIN MACHINED WASHER - M12	4	
7	50.506.10.000.	PLAIN MACHINED WASHER - M10	4	
8	03.198.02.0.00	SPACER (BAR)	4	
*9	DV8.10PM.20.0.00	WATER CONNECTION	1	CONSISTING OF SR.NO. 10 TO 23
10	DV8.035.20.0.00	SUCTION PIPE (FROM RADIATOR TO ENGINE)	1	
11	DV0.014.33.0.00	HOSE BETWEEN PIPE & THERMOSTAT	1	

TITLE: - COOLING SYSTEM**GROUP: - DV8.10PM.01**

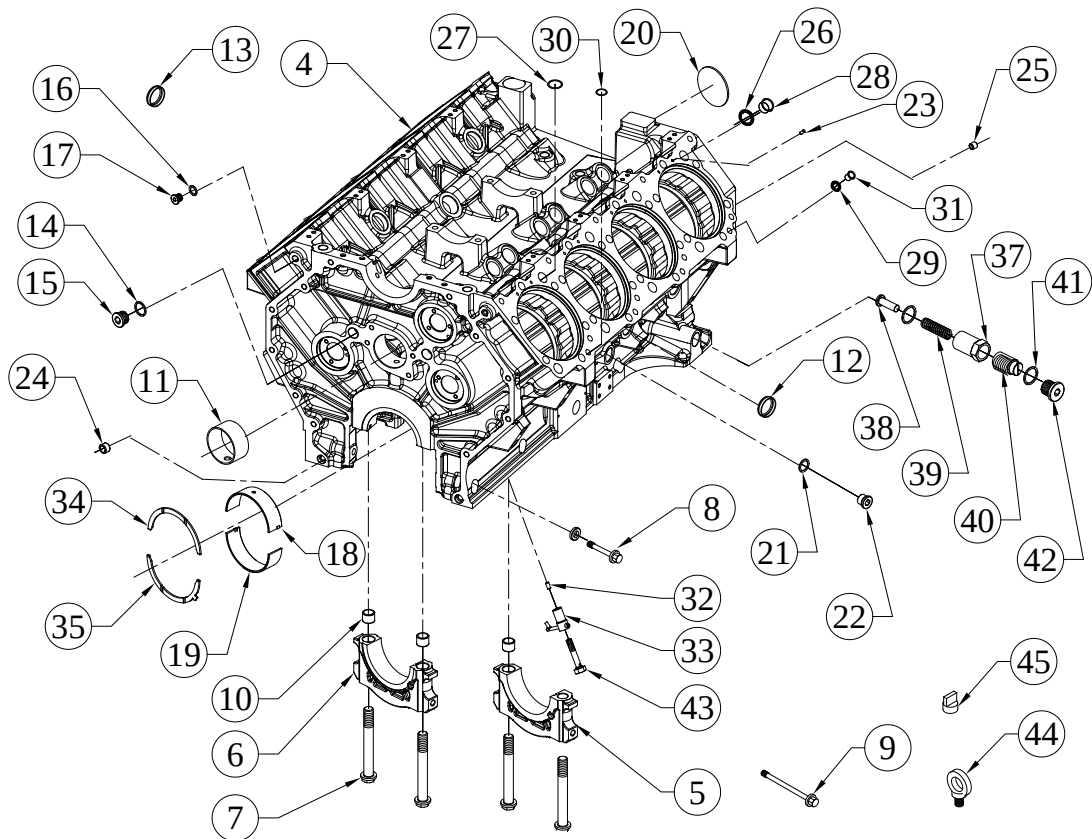
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
12	DV8.031.03.0.PR	RADAI TOR WATER IN CONNECTION.	1	
13	DV0.014.24.0.00	HOSE (RADIATOR TO SUCTION PIPE)	1	
14	DV8.031.04.0.PR	RADIATOR WATER OUT HOSE	1	
15	DV0.014.18.0.00	JOINT FOR SUCTION PIPE ASSLY	1	
16	F6.377.16.0.00	JUPITER T -BOLT CLAMP S/F 83MM O.D	1	
17	06.713.03.0.00	T- BOLT CLAMP (90 MM)	5	
18	50.003.08.035.	SET SCREW - M8X1.25X35 - 8.8	4	
19	50.506.08.000.	PLAIN MACHINED WASHER - M8	4	
20	DV0.071.01.0.00	VENT PIPE	1	
21	4H.486.01.0.00	ADAPTOR FOR FUEL INLET (BOTH END M14X1.5)	2	
22	DV0.071.02.0.00	ELBOW CONNECTION SUBASSEMBLY	1	
23	50.508.14.000.	COPPER WASHER (16X22)	4	

TITLE: - COOLING SYSTEM**GROUP: - DV8.10PM.01**

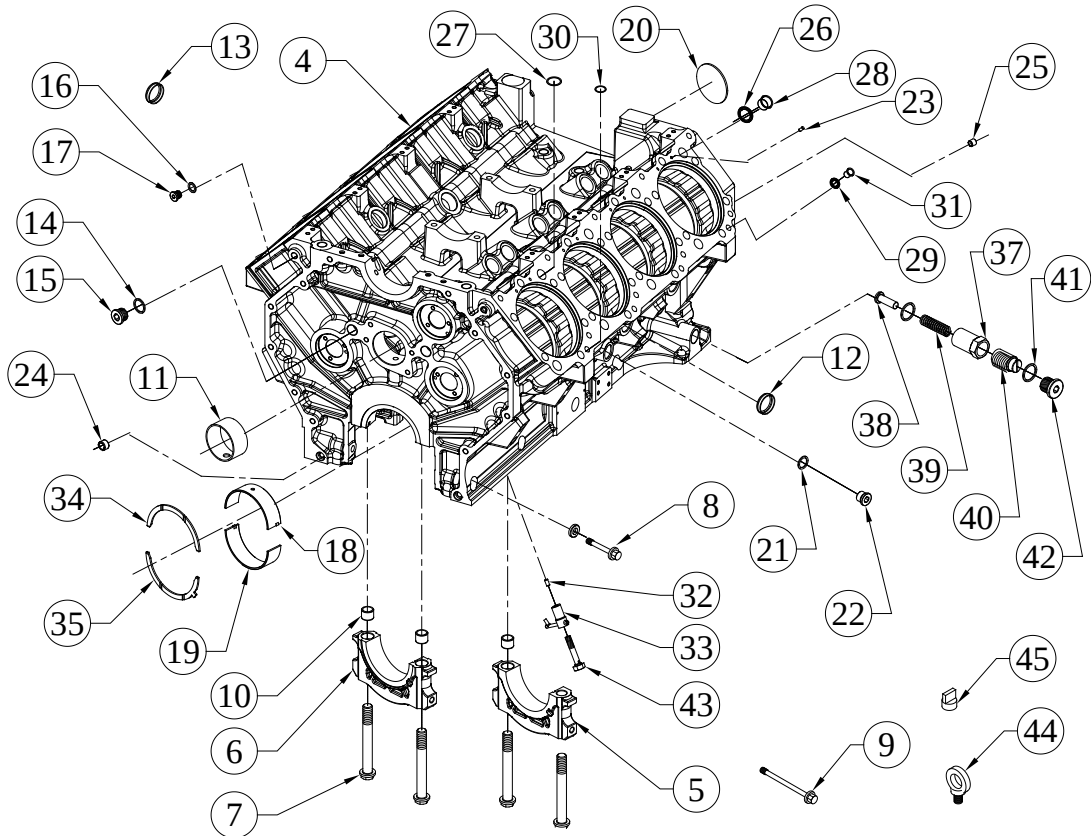
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*24	DV8.10PM.30.0.0 0	RADIATOR COOLANT DRAIN	1	CONSISTING OF SR.NO. 25 TO 31
25	3H.153.21.0.00	DRAIN COCK	1	
26	3H.153.02.0.00	ADAPTOR FOR DRAIN COCK (1/2" BSP MAIL)	2	
27	3H.153.01.0.00	RADIATOR DRAIN PIPE (1200MM LENGTH)	1	
28	2H.112.01.0.00	SPRING BAND CLIP (KLIPCO/ NOMINAL DIA. 10))	2	
29	50.009.14.000.	LOCK NUT - M14X1.5 - GR.8	1	
30	3H.153.08.0.00	PLUG (1/2" BSP) FOR DRAIN COCK	1	
31	50.506.14.000.	PLAIN MACHINED WASHER - M14	1	
*32	DV8.01PM.20.0.0 0	WATER LEVEL / FLOAT TYPE LEVEL SENSOR	1	CONSISTING OF SR.NO. 33
33	DV0.901.11.0.00	FLOAT TYPE LEVEL SENSOR MAKE: RICO THREADING: 1" BSP, EFFECTIVE LENGTH 90 MM	1	

TITLE: - CRANK SHAFT**GROUP: - DV8.003**

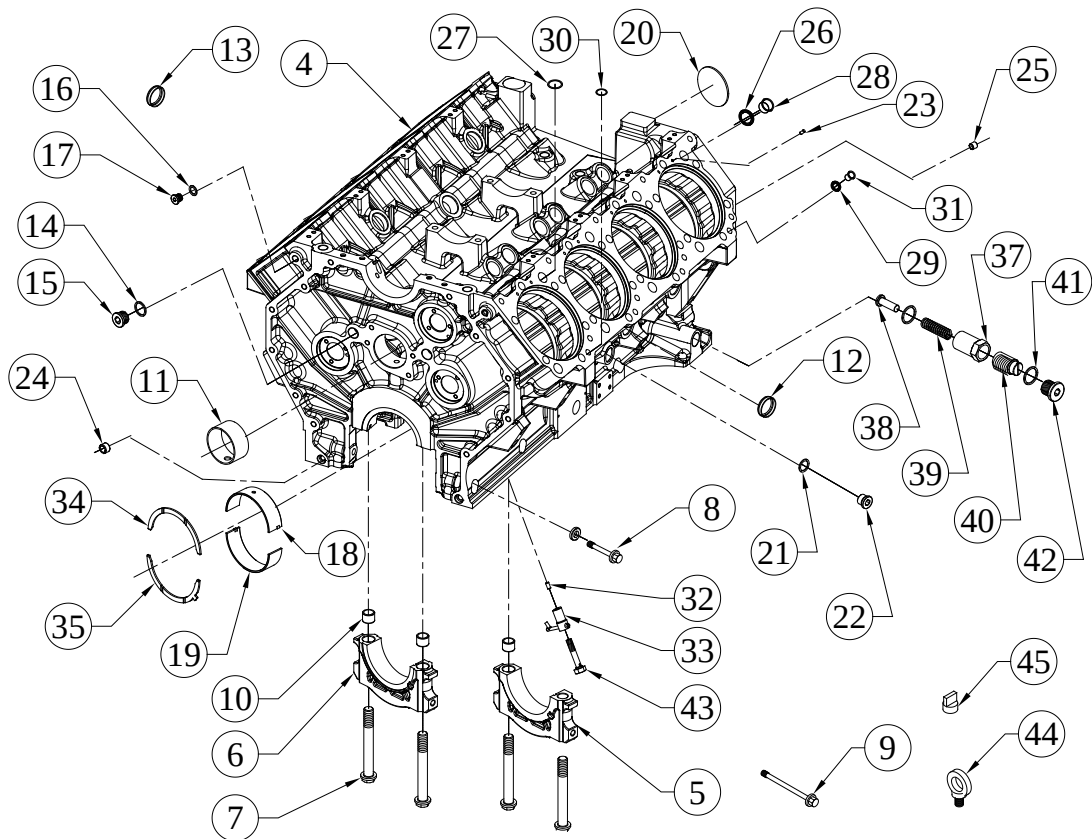
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV8.003.10.0.00	CRANKSHAFT (SUB ASSLY)	1	CONSISTING OF SR. NO. 2 TO 6
2	DV8.003.06.0.00	BALANCE WEIGHT FOR WEB 2&7	2	NOT SUPPLIED LOOSE
3	DV8.003.07.0.00	BALANCE WEIGHT FOR WEB 3 & 6	2	NOT SUPPLIED LOOSE
4	DV8.003.08.0.00	BALANCE WEIGHT FOR WEB 1&8	2	NOT SUPPLIED LOOSE
5	DV0.003.04.0.00	DOWEL	12	
6	50.076.16.090.	ALLEN SCREW	12	
7	DV8.003.12.0.00	CRANK SHAFT GEAR	1	
8	50.401.10.030.	DOWEL PIN	3	
9	DV0.003.12.0.00	CRANK PULLEY	1	
10	DV0.003.13.0.00	CRANK PULLEY (FOR FAN DRIVE)	1	
11	50.002.14.060.	SET BOLT - M14X2X60 - 8.8	1	
12	50.506.14.000.	PLAIN MACHINED WASHER - M14	1	
13	DV0.003.14.0.00	CRANK PULLEY BOLT	8	

TITLE: - CRANKCASE**GROUP: - DV8.001**

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV8.001.30.0.00	CRANKCASE ASSEMBLY	1	CONSISTING OF SR. NO. 2, 26 TO 36 & 43,44
*2	DV8.001.20.0.00	CRANKCASE SUB ASSLY	1	CONSISTING OF SR. NO. 3 & 13 TO 25
*3	DV8.001.10.0.00	CRANKCASE SUB ASSLY.	1	CONSISTING OF SR. NO. 4 TO 12
4	DV8.001.01.0.00	CRANKCASE (MACHINED)	1	NOT SUPPLIED LOOSE
5	DV0.001.07.0.PR	MAIN BEARING CAP INTERMEDIATE	4	NOT SUPPLIED LOOSE
6	DV0.001.02.0.PR	MAIN BEARING CAP(FWE)	1	NOT SUPPLIED LOOSE
7	DV0.001.03.0.00	BOLT (BEARING CAP)	10	
8	DV0.001.43.0.00	M.B. CROSS BOLT (SHORT)	9	
9	DV0.001.42.0.00	M.B. CROSS BOLT (LONG)	1	

TITLE: - CRANKCASE**GROUP: - DV8.001**

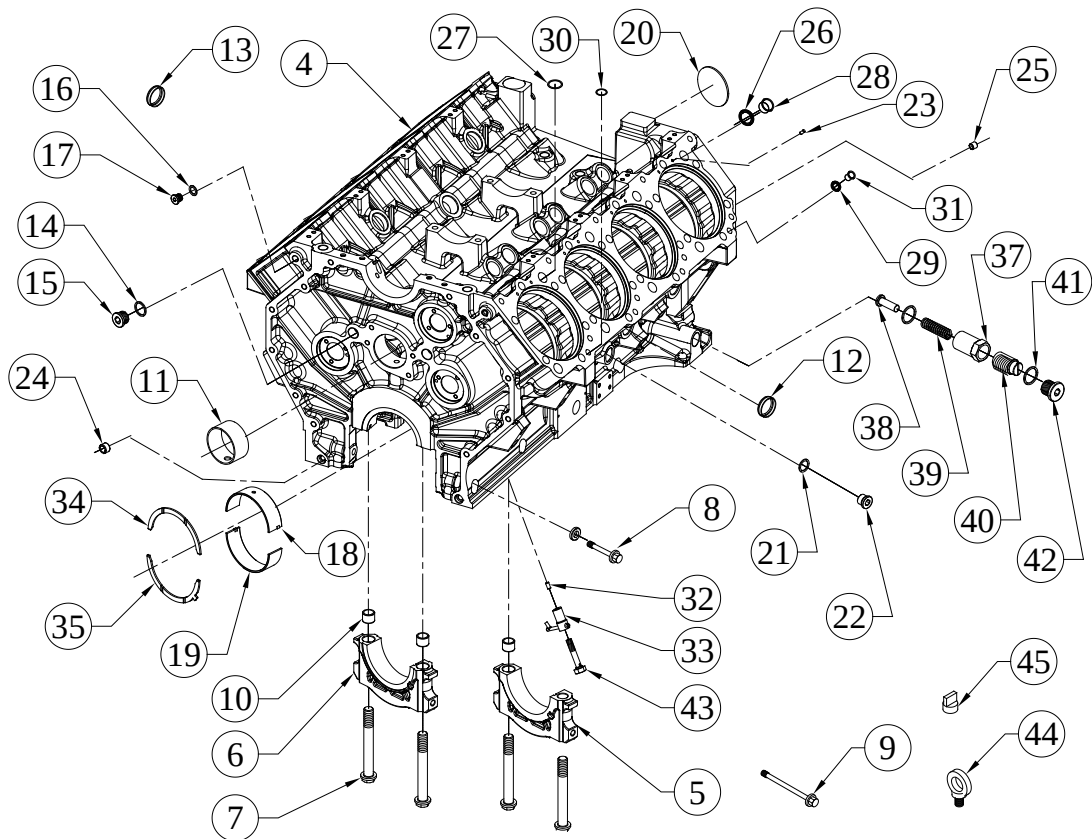
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
10	DV0.001.04.0.00	HOLLOW DOWEL (FOR BEARING CAP BOLT)	6	
11	DV0.001.15.0.00	CAM BUSH	5	
12	F6.001.58.0.00	SEALING CAP.(40 DIN 443)	12	
13	F6.001.58.0.00	SEALING CAP.(40 DIN 443)	12	
14	50.508.27.000.	COPPER WASHER (24X29)	2	
15	DV0.001.16.0.00	CORE PLUG HEX. SOCKET (M24X2)	2	
16	50.508.12.000.	COPPER WASHER (14X20)	2	
17	50.610.14.000.	CORE PLUG-HEXAGONAL SOCKET HEAD(DIN-908)	2	
18	DV0.001.11.0.00	MAIN BEARING TOP (STD)	5	NOT SUPPLIED LOOSE
19	DV0.001.12.0.00	MAIN BEARING BOTTOM (STD)	5	NOT SUPPLIED LOOSE
20	DV0.001.25.0.00	DISH PLUG (80DIA)	1	
21	50.508.19.000.	COPPER WASHER (20X26)	2	
22	50.610.20.000.	CORE PLUG HEXAGONAL SOCKET HEAD(DIN 908)	2	
23	50.401.06.012.	DOWEL	16	

TITLE: - CRANKCASE**GROUP: - DV8.001**

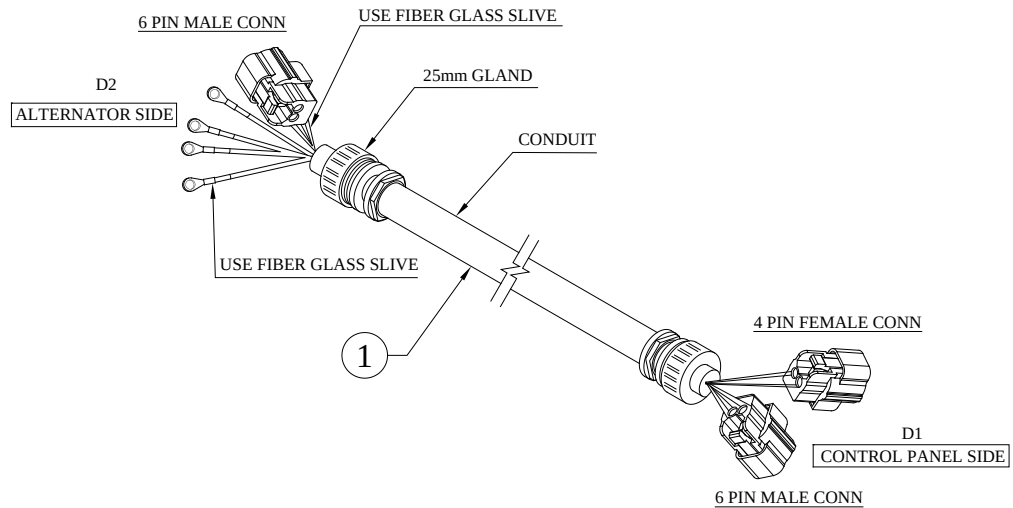
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
24	34.001.23.0.00	DOWEL FOR GEAR CASING	2	
25	T1.001.12.0.00	DOWEL DIA 18 (FEW)	2	
26	DV0.001.22.0.00	GROMMET FOR 22DIA FERRULE	16	
27	DV0.001.82.0.00	GROMMET SUPPORT WASHER FOR DIA 31.5	16	
28	DV0.001.24.0.00	FERRULE (22DIA)	16	
29	DV0.001.21.0.00	GROMMET FOR 12 DIA FERRULE	24	
30	DV0.001.81.0.00	GROMMET SUPPORT WASHET 20.2	24	
31	DV0.001.23.0.00	FERRULE (12DIA)	24	
32	50.401.07.012.	DOWEL PIN	8	
33	DV0.001.05.0.00	NOZZLE BODY (FOR OIL SPARY NOZZLE)	8	
34	DV0.001.13.0.00	THRUST WASHER (TOP)	2	
35	DV0.001.14.0.00	THRUST WASHER (BOTTOM)	2	
*36	DV0.001.50.0.00	RELIEF VALVE ASSLY.	1	CONSISTING OF SR. NO. 37 TO 42
37	DV0.001.34.0.00	RELIEF VALVE BODY	1	NOT SUPPLIED LOOSE

TITLE: - CRANKCASE

GROUP: - DV8.001



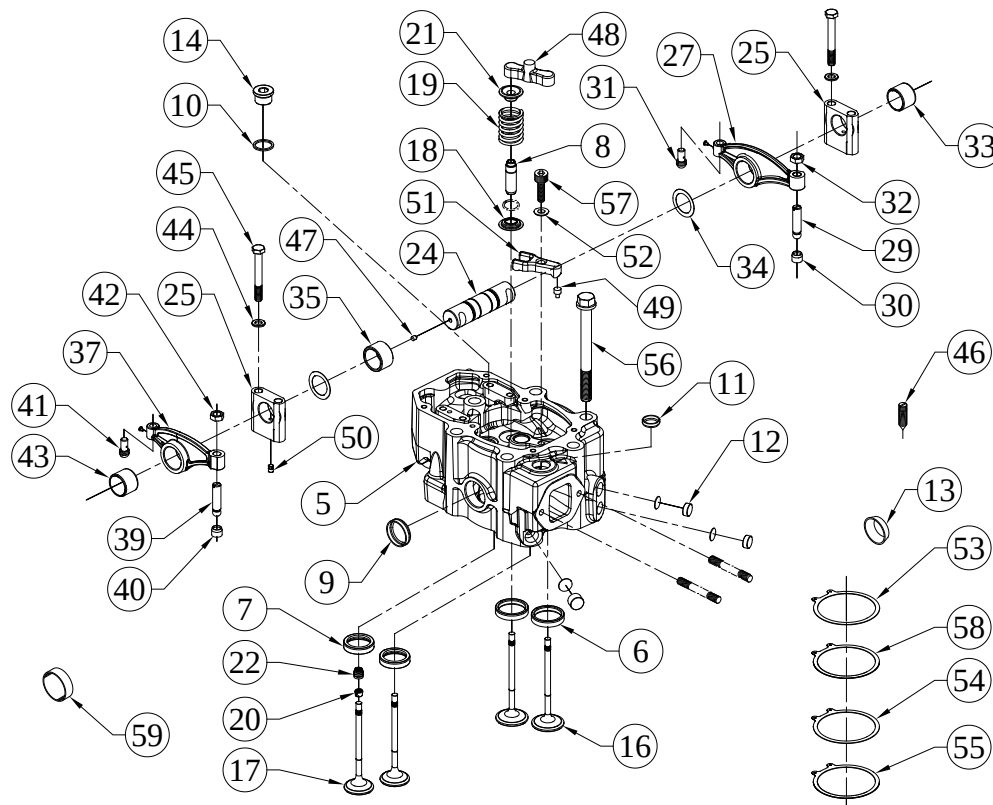
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
38	DV0.001.32.0.00	PLUNGER (FOR RELIEF VALVE)	1	NOT SUPPLIED LOOSE
39	DV0.001.31.0.00	SPRING	1	NOT SUPPLIED LOOSE
40	DV0.001.33.0.00	SETTING SCREW (FOR RELIEF VALVE)	1	
41	50.508.35.000.	COPPER WASHER (30X38)	2	
42	DV0.001.18.0.00	CORE PLUG HEX. SOCKET M30X1.5	1	
43	DV0.001.06.0.00	SPECIAL BANJO BOLT (FOR OIL SPAY NOZZLE)	8	
44	DV0.001.08.0.00	LIFTING HOOK	4	
45	DV0.001.47.0.00	SEALING CAP SHORT (FOR MB CAP SIDE BOLT)	8	NOT SUPPLIED LOOSE

TITLE: - CT WIRING HARNESS ASSEMBLY**GROUP: - DV0.34PK.01**

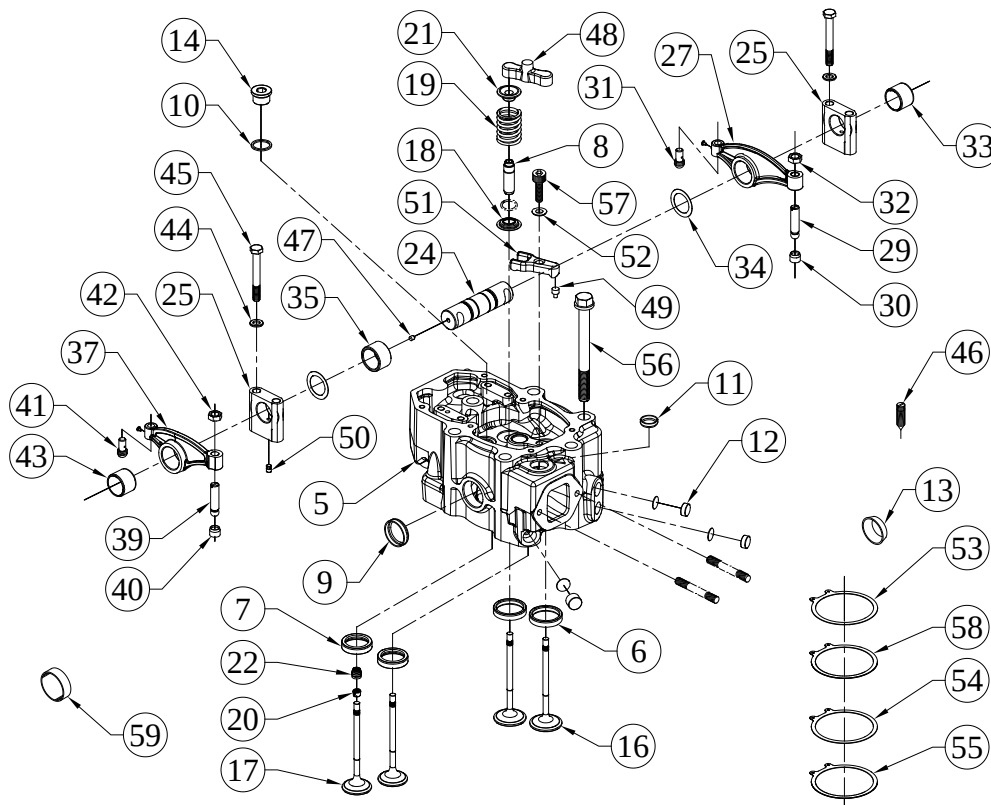
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV0.911.40.0.00	ENGINE CONTROL PANEL TO ALTERNATOR CONTROL HARNESS ASSEMBLY (FOR C.T & 3PH. SUPPLY CONNECTION)	1	

TITLE: - CYLINDER HEAD

GROUP: - DV0.007



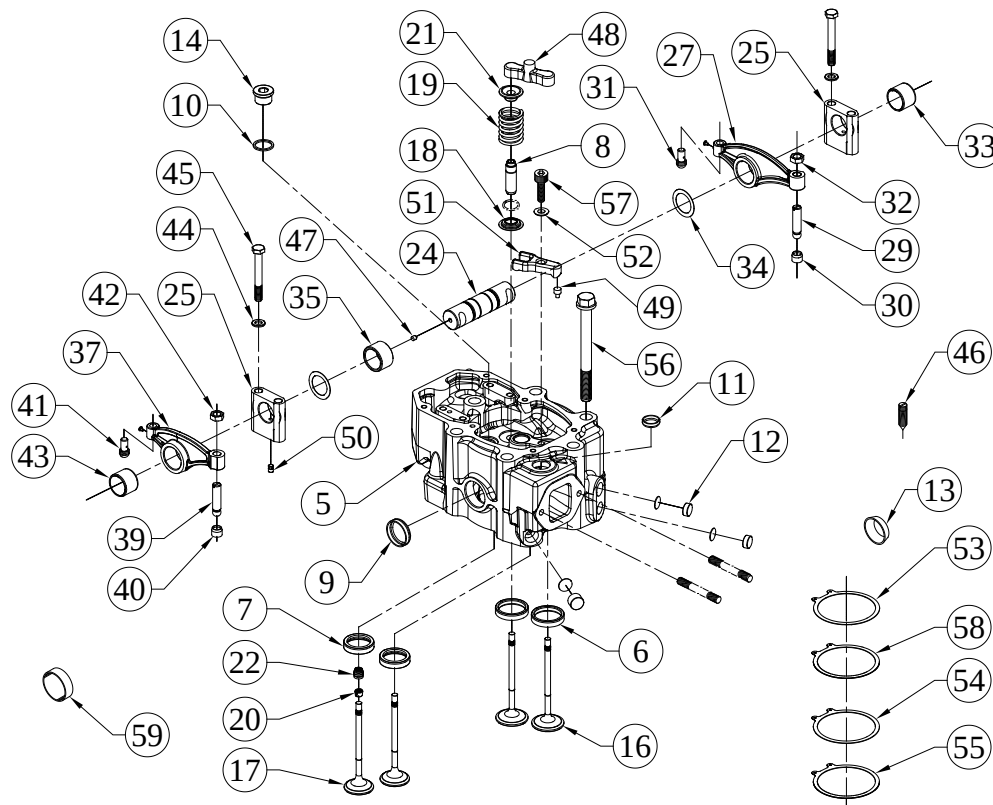
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV0.007.90.0.00	CYLINDER HEAD ASSEMBLY	1	CONSISTING OF SR. NO. 2 & 51 TO 57
*2	DV0.007.80.0.00	CYLINDER HEAD ASSLY (WITH ROCKER LEVER ASSLY)	1	CONSISTING OF SR. NO. 3,23 & 48 TO 50
*3	DV0.007.70.0.00	CYL HEAD SUB ASSEMBLY (WITH SPRING & VALVE)	1	CONSISTING OF SR. NO. 4 & 15 TO 22
*4	DV0.007.20.0.00	SUB ASSLY OF CYLINDER HEAD (WITH VALVE SEAT & VALVE GUIDE)	1	CONSISTING OF SR. NO. 5 TO 14
5	DV0.007.25.0.00	CYLINDER HEAD (SAROJ IRON)	1	NOT SUPPLIED LOOSE
6	DV0.007.06.9.00	INLET VALVE SEAT INSERT (SEMIFINISH)	2	
7	DV0.007.07.9.00	EXHAUST VAVE SEAT INSERT (SEMIFINISH)	2	
8	DV0.007.82.9.00	VALVE GUIDE - SEMIFINISH	4	
9	F6.001.58.0.00	SEALING CAP.(40 DIN 443)	2	

TITLE: - CYLINDER HEAD**GROUP: - DV0.007**

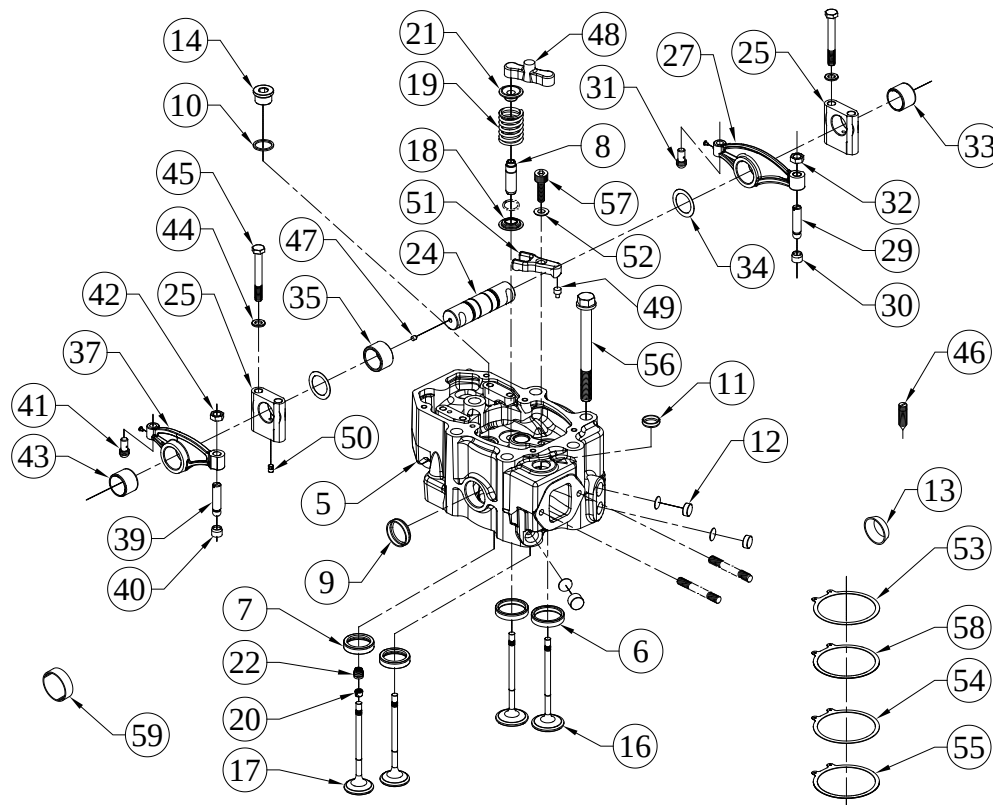
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
10	50.508.27.000.	COPPER WASHER (24X29)	1	
11	DV0.007.71.0.00	SEALING CAP (FOR DIA 25)	1	
12	DV0.007.03.0.00	CORE PLUG (20 MM DIA)	2	
13	DV0.007.09.0.00	CORE PLUG (DIA 32 MM)	1	
14	DV0.001.16.0.00	CORE PLUG HEX. SOCKET (M24X2)	1	
*15	DV0.007.45.0.00	INLET & EXHAUST VALVE PAIR FOR DV SERIES	1	CONSIST OF SR. NO. 16, 17
16	DV0.007.04.0.00	INLET VALVE	2	
17	DV0.007.05.0.00	EXHAUST VALVE	2	
18	34.013.13.0.00	CUP FOR VALVE SPRING.	4	
19	02.022.13.0.00	VALVE SPRING	4	
20	02.022.28.0.00	VALVE COLLET(3-GROOVE)	8	
21	02.022.11.0.00	VALVE CUP	4	
22	06.631.02.0.00	VALVE SEAL	4	
*23	DV0.007.60.0.00	ASSLY. ROCKER LEVER	1	CONSISTING OF SR. NO. 24 TO 26, 34 TO 36 & 44 TO 47
24	DV0.007.22.0.00	ROCKER SHAFT	1	

TITLE: - CYLINDER HEAD

GROUP: - DV0.007



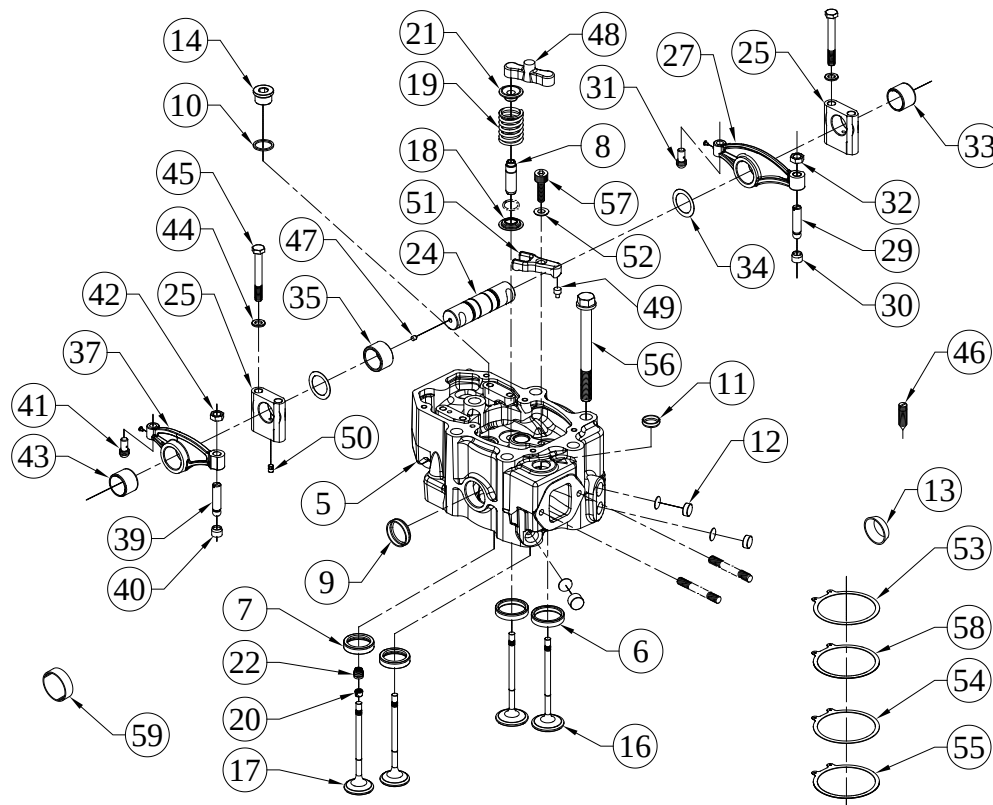
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
25	DV0.007.24.0.00	ROCKER SUPPORT	2	
*26	DV0.007.40.0.00	INLET LEVER (SUB ASSLY.)	1	CONSISTING OF SR. NO. 27, 28 & 31 TO 33
27	DV0.007.13.0.00	ROCKER LEVER INLET (MACHINING)	1	
*28	DV0.007.30.0.00	ROCKER LEVER ADJ. SCREW ASSLY.	1	CONSISTING OF SR. NO. 29, 30
29	DV0.007.15.0.00	ROCKER LEVER ADJ. SCREW	1	
30	DV0.007.16.0.00	ROCKER LEVER ADJ.SPIGOT	1	
31	DV0.007.17.0.00	TOE (FOR ROCKER LEVER)	1	
32	DV0.007.18.0.00	NUT (FOR ROCKER COVER ADJ. SCREW)	1	
33	DV0.007.21.0.00	BUSH (ROCKER LEVER)	1	
34	F6.007.12.0.00	WASHER.	4	
35	DV0.007.19.0.00	SPACER BETWEEN LEVER	1	
*36	DV0.007.50.0.00	EXHAUST LEVER (SUB ASSLY.)	1	CONSISTING OF SR. NO. 37, 38 & 41 TO 43

TITLE: - CYLINDER HEAD**GROUP: - DV0.007**

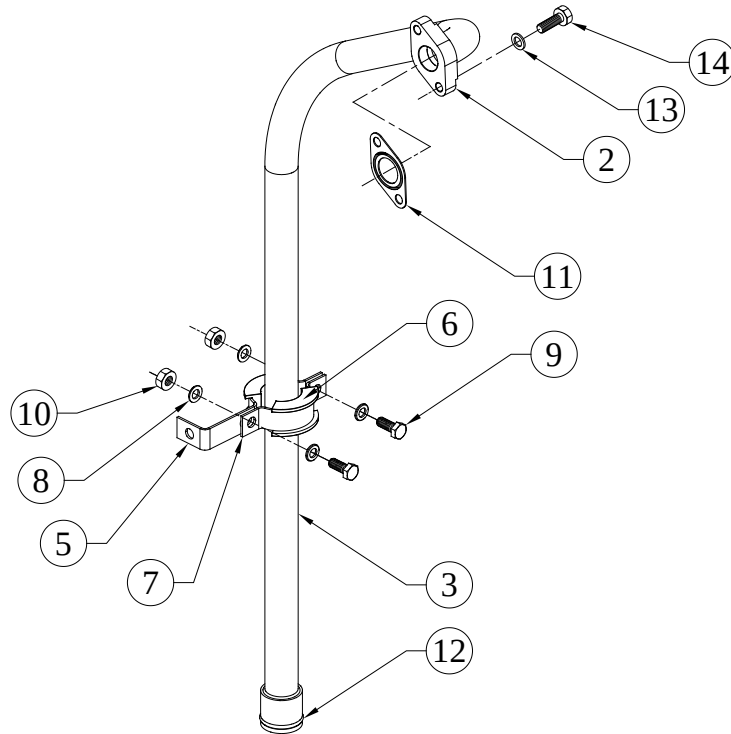
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
37	DV0.007.14.0.00	ROCKER LEVER EXHAUST (MACHING)	1	
*38	DV0.007.30.0.00	ROCKER LEVER ADJ. SCREW ASSLY.	1	CONSISTING OF SR. NO. 39, 40
39	DV0.007.15.0.00	ROCKER LEVER ADJ. SCREW	1	
40	DV0.007.16.0.00	ROCKER LEVER ADJ.SPIGOT	1	
41	DV0.007.17.0.00	TOE (FOR ROCKER LEVER)	1	
42	DV0.007.18.0.00	NUT (FOR ROCKER COVER ADJ. SCREW)	1	
43	DV0.007.21.0.00	BUSH (ROCKER LEVER)	1	
44	50.506.10.000.	PLAIN MACHINED WASHER - M10	4	
45	50.002.10.080.	SET BOLT - M10X1.5X80 - 8.8	4	
46	50.021.04.005.	SLOTTED HEAD GRUB SCREW-4*5 (COARSE PITCHES)	2	
47	DV0.007.37.0.00	PLUG FOR ROCKER SHAFT (2 PER SHAFT)	2	
48	DV0.007.26.0.00	BRIDGE (FOR ROCKER LEVER)	2	
49	DV0.007.34.0.00	BUTTON (FOR NOZZLE CLAMP)	1	

TITLE: - CYLINDER HEAD

GROUP: - DV0.007



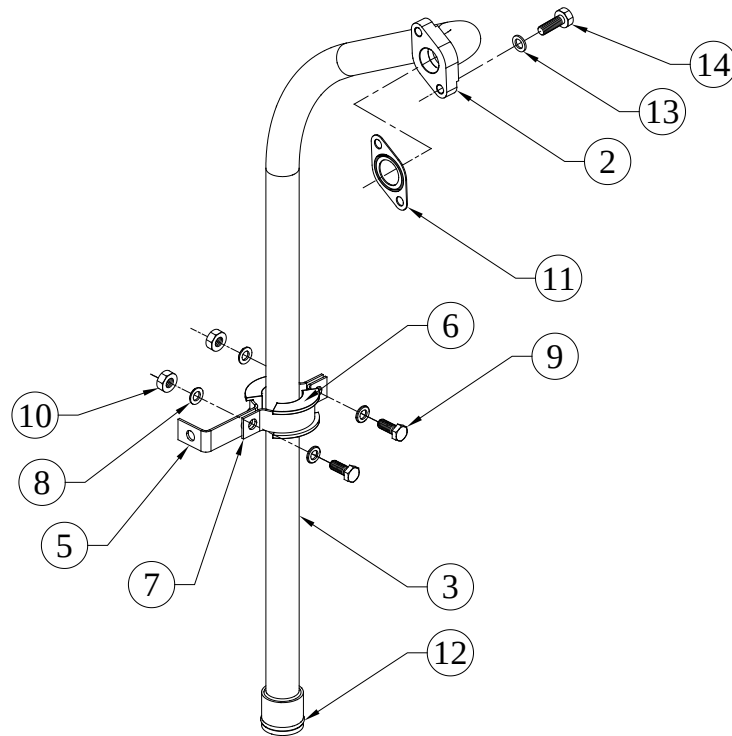
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
50	DV0.007.36.0.00	OIL METERING PLUG (FOR ROCKER SUPPORT)	1	
51	DV0.007.33.0.00	NOZZLE CLAMP	1	
52	DV0.007.35.0.00	CUP WASHER (FOR NOZZLE CLAMP)	1	
53	DV0.007.11.0.00	CYLINDERHEAD GASKET (1.2 THICK)	1	
54	DV0.007.42.0.00	CYLINDER HEAD GASKET (1 THK)	1	
55	DV0.007.41.0.00	CYLINDER HEAD GASKET (0.85 THK)	1	
56	DV0.007.02.0.00	CYLINDER HEAD BOLT	6	
57	50.011.10.040.	CAP SCREW	1	
58	DV0.007.43.0.00	CYLINDER HEAD GASKET (1.15 THK)	1	
59	DV0.007.46.0.00	SEALING CAP	2	

TITLE: - DELIVERY TUBE**GROUP: - DV8.042**

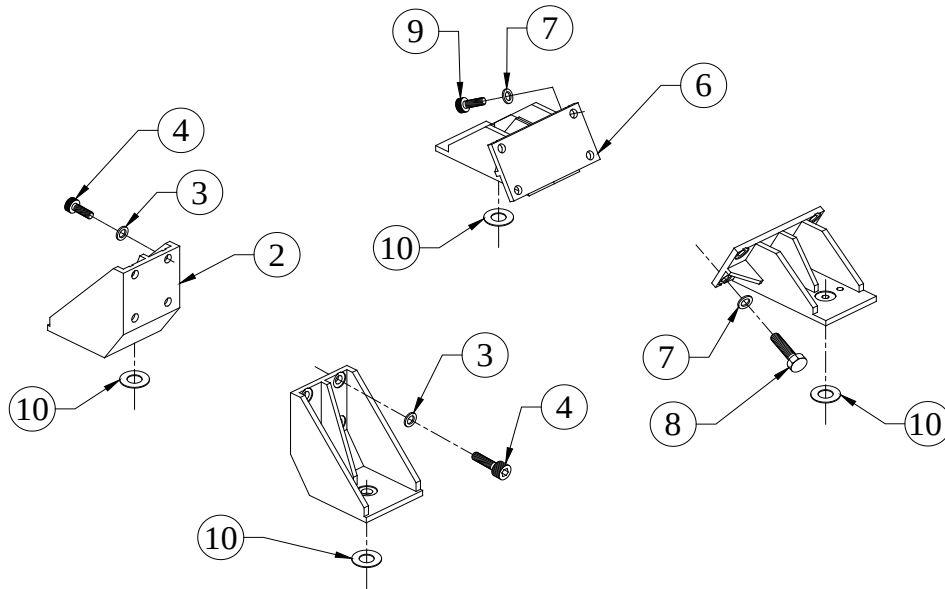
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV8.042.10.0.00	SUB ASSLY OF DELIVERY TUBE	1	CONSISTING OF SR. NO. 2, 3
2	DV0.042.02.0.00	FLANGE(FOR DELIVERY TUBE)	1	
3	DV8.042.01.0.00	DELIVERY TUBE	1	
*4	DV0.042.30.0.00	DELIVERY TUBE CLAMP ASM	1	CONSISTING OF SR. NO. 5 TO 10
5	DV0.042.07.0.00	CLAMP (FOR OIL DELIVERY TUBE)	1	
6	DV0.042.09.0.00	RUBBER BUSH(FOR OIL DELIVERY TUBE)	2	
7	DV0.042.08.0.00	STRAP (FOR OIL DELIVERY TUBE)	1	
8	50.506.08.000.	PLAIN MACHINED WASHER - M8	4	
9	50.003.08.020.	SET SCREW - M8X1.25X20 - 8.8	1	
10	50.006.08.000.	NUT- M8X1.25 - GR.8	2	
11	DV0.042.03.0.00	JOINT (FOR DELIVERY TUBE FLANGE)	1	
12	DV0.042.05.0.00	O RING (DIA. 36) FOR LUB.OIL DELIVERY TUBE	1	
13	50.506.08.000.	PLAIN MACHINED WASHER – M8	2	

TITLE: - DELIVERY TUBE

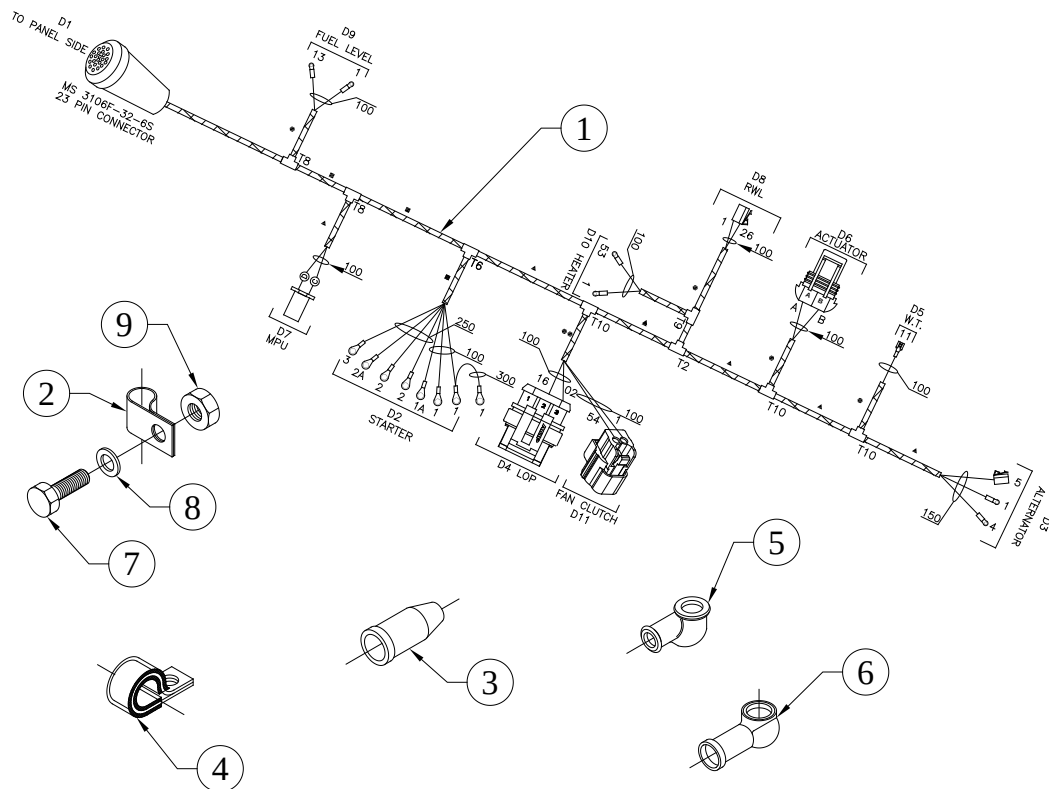
GROUP: - DV8.042



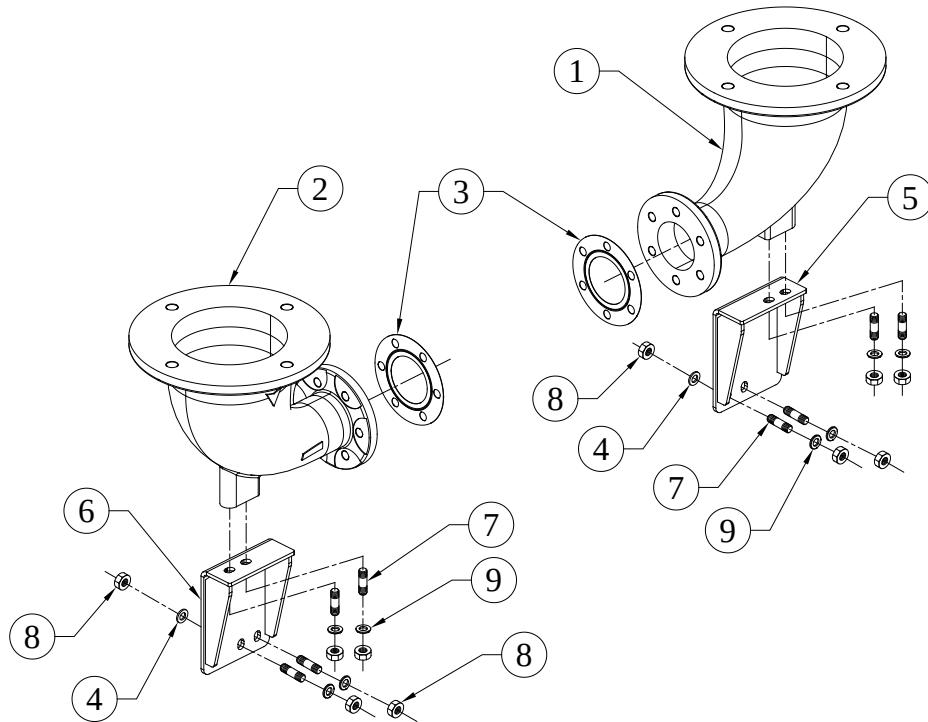
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
14	50.003.08.030.	SET SCREW – M8X1.25X30 – 8.8	2	

TITLE: - ENGINE FOOT**GROUP: - DV0.034.10**

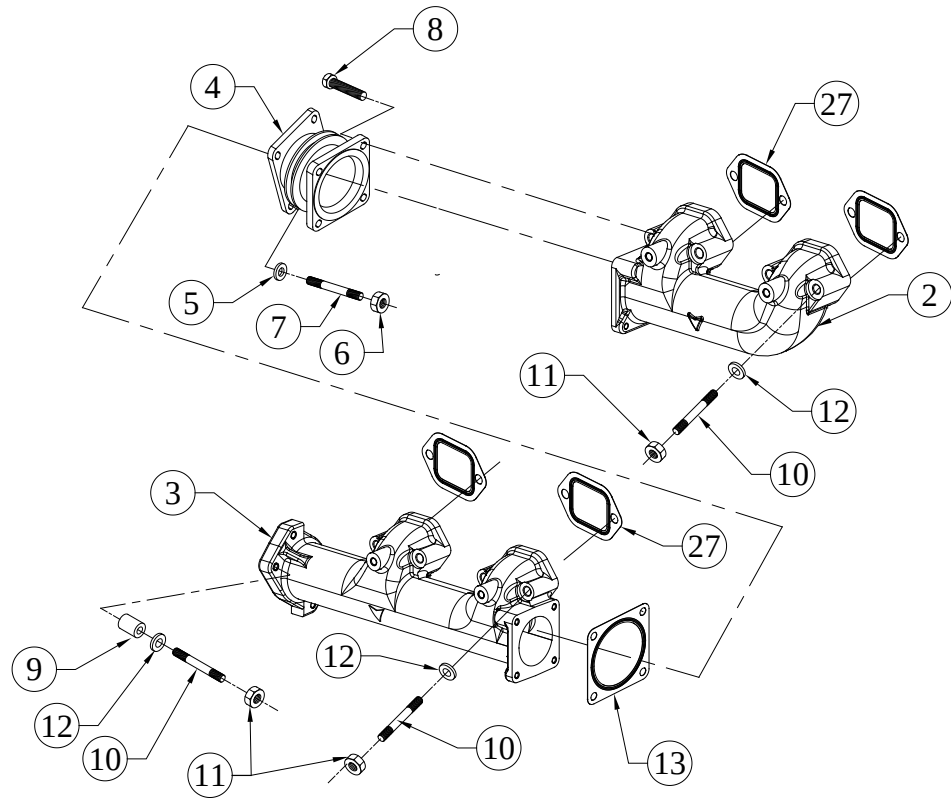
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV0.034.20.0.00	ENGINE MTG FOOT ASM (ON FLYWHEEL HSG)	2	CONSISTING OF SR. NO. 2 TO 4
2	DV0.034.02.0.00	ENGINE MTG. FOOT (ON GEAR CASING CUM BELL HSG)	1	
3	50.506.16.000.	PLAIN MACHINED WASHER - M16	8	
4	50.076.16.035.	SOCKET HEAD CAP SCREW- M16X35-12.9	8	
*5	DV0.034.180.0.00	ENGINE MTG FOOT ASM (PULLEY END SIDE)	2	CONSISTING OF SR. NO. 6 TO 9
6	DV0.034.13.0.00	ENGINE MTG. FOOT (PULLEY END)	1	
7	50.506.16.000.	PLAIN MACHINED WASHER - M16	8	
8	50.003.16.050.	SET SCREW - M16X2X50 - 8.8	1	
9	50.076.16.050.	SOCKET HEAD SCREW (DIN912 M16X50 -12.5)	7	
10	DV0.034.04.0.00	FOOT MOUNTING WASHER (FOR DISPATCH)	4	

TITLE: - ENGINE WIRING HARNESS**GROUP: - DV8.27PK.01**

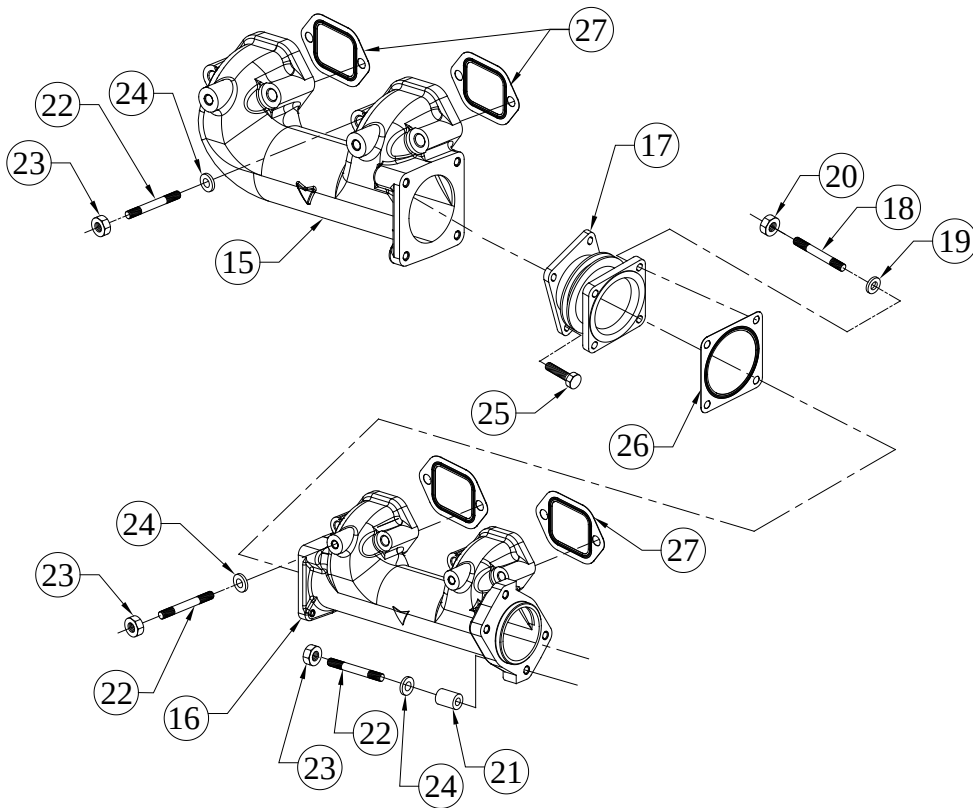
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV8.910.60.0.PR	ENGINE WIRING HARNESS ASSEMBLY WITH HEATER & FAN CLUTCH FOR 320 KVA	1	
2	34.151.03.0.00	CLIP FOR FLEXIBLE PIPE WITH SLEEVE	9	
3	3H.905.05.0.00	RUBBER SLEEVE FOR TEMP.SWITCH / SENSOR	1	
4	3H.905.02.0.00	CLIP 25 DIA FOR FLEXIBLE PIPE	5	
5	3H.905.01.0.00	RUBBER SLEEVE 16 DIA	2	
6	3H.905.03.0.00	RUBBER SLIVE 27 DIA	2	
7	50.003.08.020.	SET SCREW - M8X1.25X20 - 8.8	20	
8	50.506.08.000.	PLAIN MACHINED WASHER - M8	22	
9	50.006.08.000.	NUT- M8X1.25 - GR.8	2	

TITLE: - EXHAUST ELBOW/DIFFUSER MTG.**GROUP: - DV8.11PM.70.0.00**

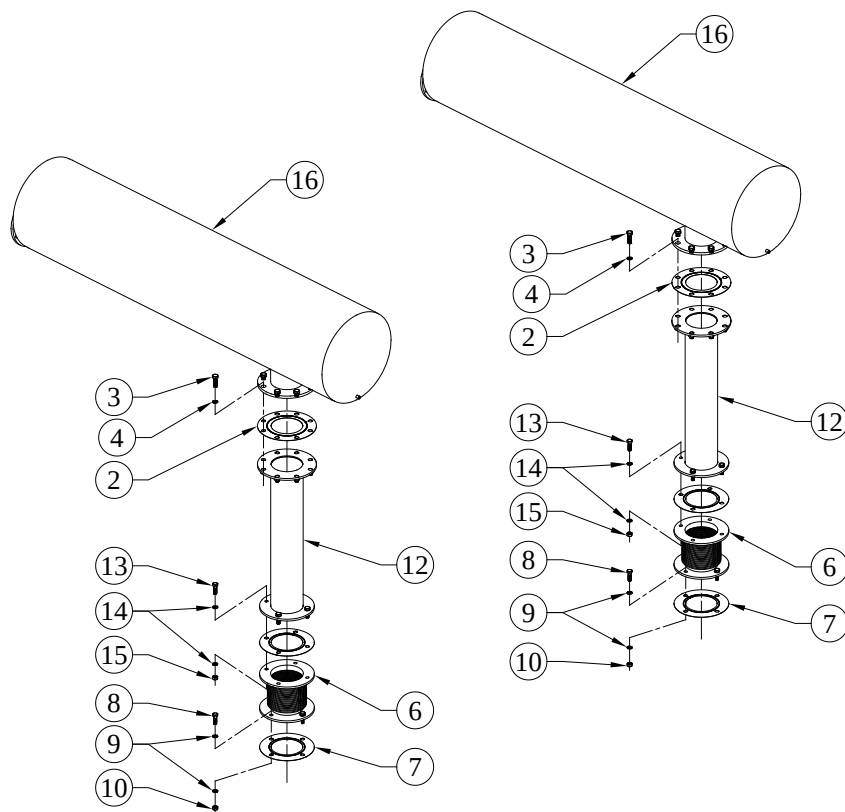
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV8.033.81.0.PR	EXHAUST DIFFUSER FOR DV8 CPCB II	1	
2	DV8.033.82.0.PR	EXHAUST DIFFUSER FOR DV8 CPCB II	1	
3	DV8.064.01.0.00	JOINT FOR TURBO OUTLET DV8	2	
4	50.506.10.000.	PLAIN MACHINED WASHER - M10	12	
5	DV8.024.21.0.PR	SUPPORT FOR EXHAUST ELBOW L.H SIDE	1	
6	DV8.024.22.0.PR	SUPPORT FOR EXHAUST ELBOW R.H SIDE	1	
7	T4.122.32.0.00	STUD (M10 X 25)	8	
8	T4.122.41.0.00	NUT - M10X1.5 - GRADE 10	20	
9	50.548.10.000.	SPECIAL PLAIN WASHER - M10	8	

TITLE: - EXHAUST MANIFOLD**GROUP: - DV8.024.1**

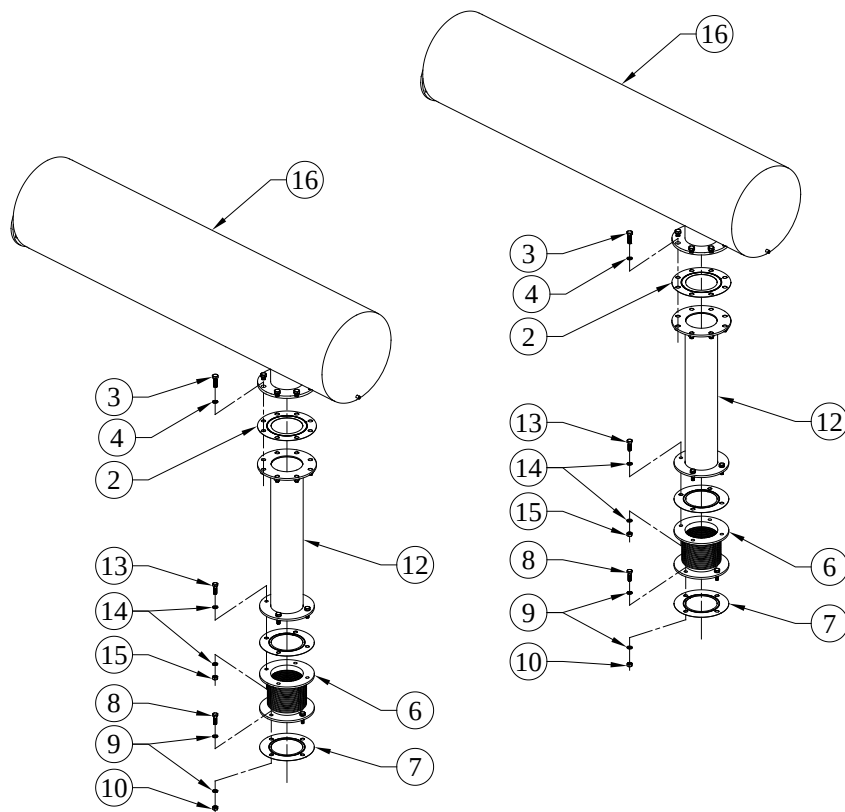
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV8.024.30.0.PR	EXHAUST MANIFOLD ASSLY (LH)	1	CONSISTING OF SR.NO. 2 TO 13
2	DV8.024.14.0.PR	EXHAUST MANIFOLD (L.H. 2 PORT)	1	
3	DV0.024.25.0.PR	EXHAUST MANIFOLD (L.H. 2 PORT)	1	
4	DV0.024.05.0.00	EXPANSIONS BELLOW (FOR EXH. MANIFOLD)	1	
5	50.506.08.000.	PLAIN MACHINED WASHER - M8	4	
6	T4.122.39.0.PR	NUT - M8X1.25 - GRADE 10	4	
7	T4.122.31.0.PR	STUD (M8 X 25)	4	
8	T4.122.36.0.PR	SET SCREW (M8X25)	4	
9	DV0.032.12.0.00	CLAMPING SPACER	4	
10	T4.122.29.0.PR	STUD (M10 X 70)	12	
11	T4.122.41.0.PR	NUT - M10X1.5 - GRADE 10	12	
12	50.506.10.000.	PLAIN MACHINED WASHER - M10	12	
13	DV0.024.08.0.00	JOINT (BET.EXH. MANI. AND EXPA.BELLOW)	1	

TITLE: - EXHAUST MANIFOLD**GROUP: - DV8.024.1**

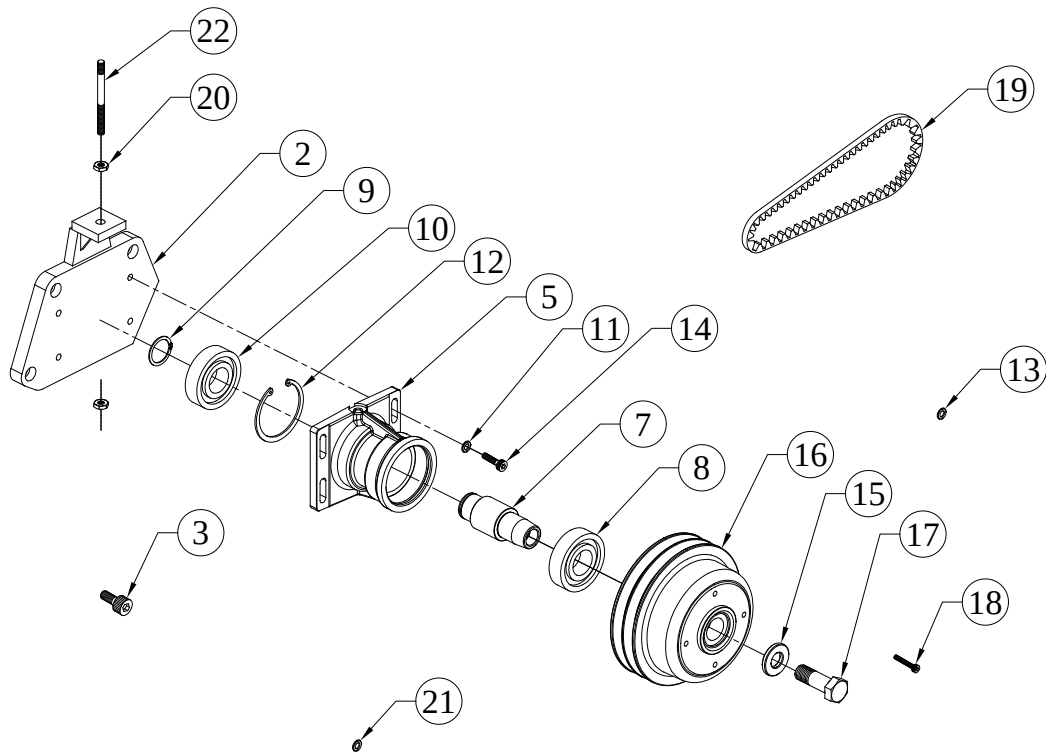
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*14	DV8.024.40.0.PR	EXHAUST MANIFOLD ASSLY (RH)	1	CONSISTING OF SR.NO. 15 TO 26
15	DV8.024.15.0.PR	EXHAUST MANIFOLD (R.H. 2 PORT)	1	
16	DV0.024.27.0.PR	EXHAUST MANIFOLD (R.H. 2 PORT)	1	
17	DV0.024.05.0.00	EXPANSION BELLOW (FOR EXH. MANIFOLD)	1	
18	T4.122.31.0.PR	STUD (M8 X 25)	4	
19	50.506.08.000.	PLAIN MACHINED WASHER - M8	4	
20	T4.122.39.0.PR	NUT - M8X1.25 - GRADE 10	4	
21	DV0.032.12.0.00	CLAMPING SPACER	4	
22	T4.122.29.0.PR	STUD (M10 X 70)	12	
23	T4.122.41.0.PR	NUT - M10X1.5 - GRADE 10	12	
24	50.506.10.000.	PLAIN MACHINED WASHER - M10	12	
25	T4.122.36.0.PR	SET SCREW (M8X25)	4	
26	DV0.024.08.0.00	JOINT (BET.EXH. MANI. AND EXPA.BELLOW)	1	

TITLE: - EXHAUST SYSTEM**GROUP: - DV8.11PM.09**

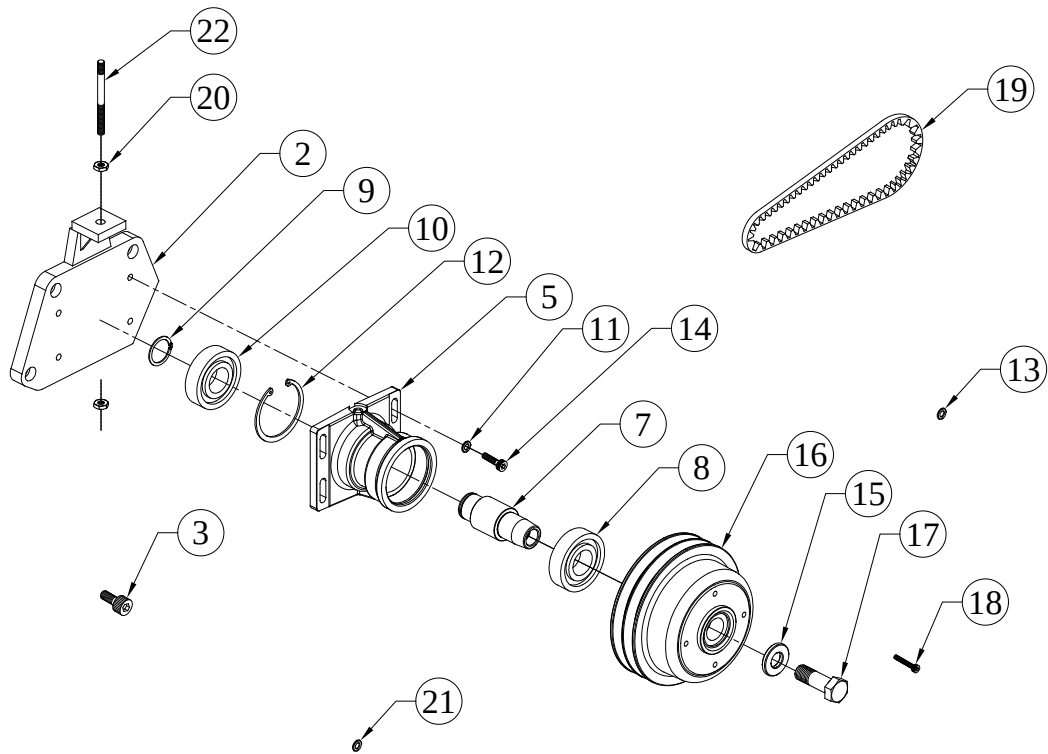
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV0.11PM.20.0.00	SILENCER	1	CONSISTING OF SR.NO. 2 TO 4
2	DV0.033.74.0.PR	JOINT BETWEEN EXTENSION PIPE AND EXHAUST SILENCER 6 INCH ID	4	
3	50.003.16.050.	SET SCREW - M16X2X50 - 8.8	16	
4	F6.811.04.0.00	HARD WASHER (ID 17, OD 35, THK 5)	16	
*5	DV8.11PM.50.0.00	EXPANSION BELLOW ASSEMBLY	1	CONSISTING OF SR.NO. 6 TO 10
6	DV0.033.70.0.00	EXPANSION BELLOW 6 INCH ID	2	
7	DV0.033.73.0.00	JOINT BETWEEN EXHAUST BEND AND EXPANSION BELLOW 6 INCH ID	4	
8	50.002.14.050.	SET BOLT - M14X2X50 - 8.8	8	
9	50.506.14.000.	PLAIN MACHINED WASHER - M14	16	
10	50.006.14.000.	NUT - M14X2 - GR.8.8	8	

TITLE: - EXHAUST SYSTEM**GROUP: - DV8.11PM.09**

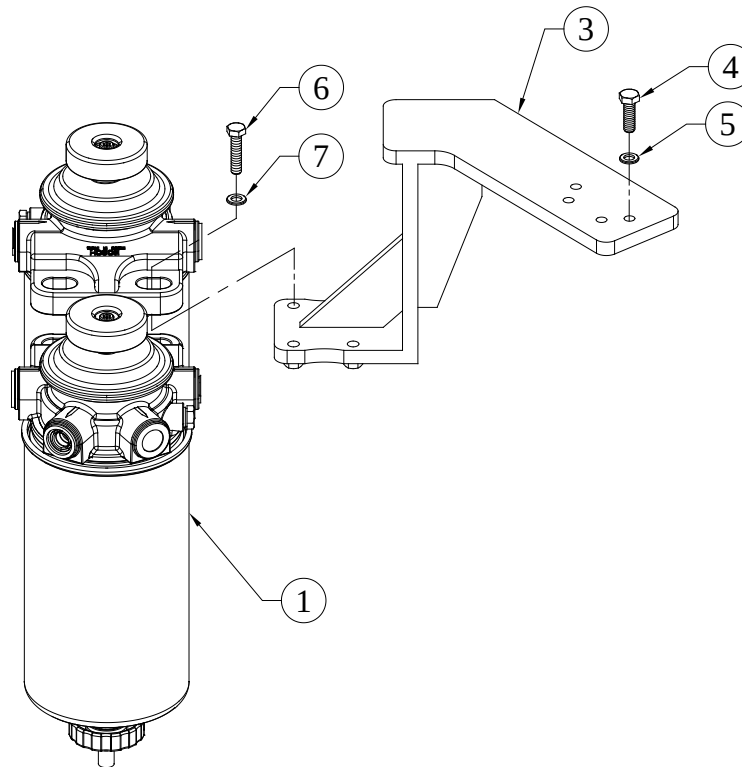
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*11	DV8.11PM.60.0.00	EXTENSION PIPE & MOUNTING	1	CONSISTING OF SR.NO. 12 TO 15
12	DV8.806.02.0.00	EXTENSION PIPE	2	
13	50.002.14.045.	SET BOLT - M14X2X45 - 8.8	8	
14	50.506.14.000.	PLAIN MACHINED WASHER - M14	16	
15	50.006.14.000.	NUT - M14X2 - GR.8.8	8	
16	DV8.875.21.0.PR	SILENCER FOR DV8 320 KVA PROJECT LAKSHYA	2	

TITLE: - FAN DRIVE ARRANGEMENT**GROUP: - DV8.029.14**

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV8.029.165.0.00	FAN DRIVE ASSEMBLY	1	CONSISTING OF SR.NO.-2 TO 4, 20 TO 22
2	DV0.029.03.0.00	BRACKET (FOR FAN DRIVE MOUNTING)	1	
3	50.076.10.025.	SOCKET HEAD CAP SCREW- M10X25-12.9	4	
*4	DV8.029.160.0.00	BEARING HOUSING ASM (PULLEY & SPACER FITMENT)	1	CONSISTING OF SR.NO.-5, 6, 10 TO 19
5	DV0.029.32.0.00	BEARING HOUSING FOR FAN DRIVE	1	
*6	DV0.029.10.0.00	FAN DRIVE SHAFT ASM	1	CONSISTING OF SR.NO.- 7 TO 9
7	DV0.029.04.0.00	SHAFT (FOR RADIATOR FAN)	1	
8	F6.192.07.0.00	BALL BEARING (80 X 35 X 21) FAG 6307-2RSR	1	
9	50.501.35.000.	CIRCLIP EXTERNAL - 35 MM	1	

TITLE: - FAN DRIVE ARRANGEMENT**GROUP: - DV8.029.14**

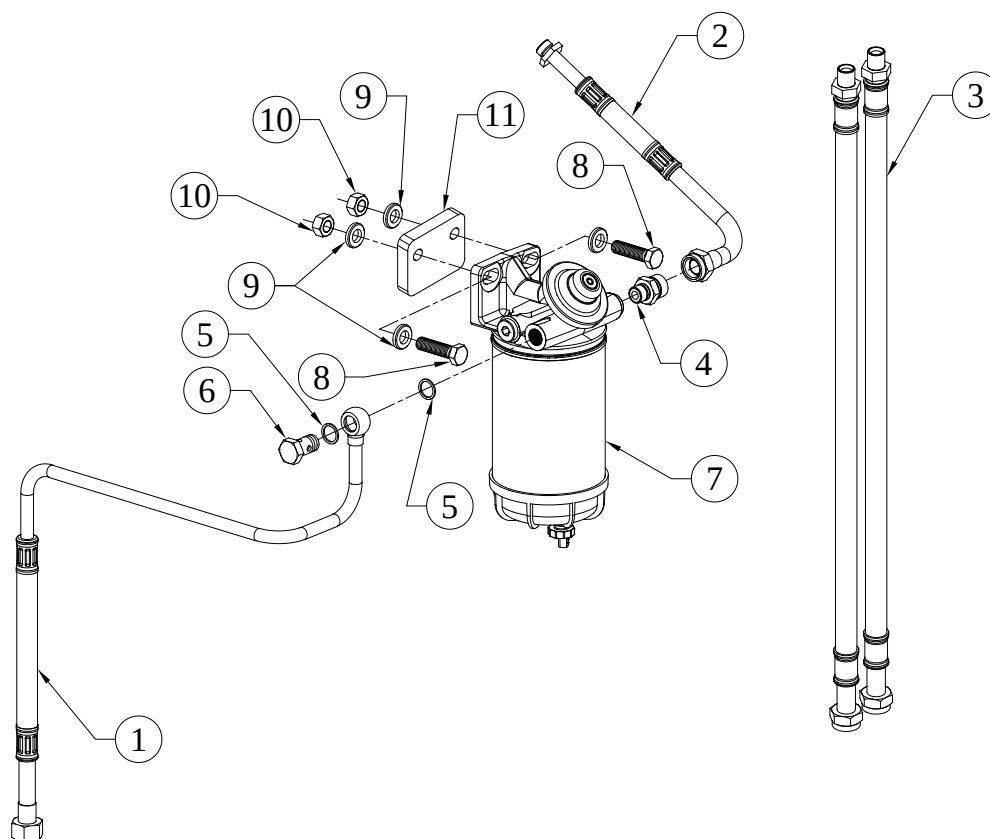
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
10	F6.192.07.0.00	BALL BEARING (80 X 35 X 21) FAG 6307-2RSR	1	
11	03.001.25.0.00	WASHER(FOR FUEL PUMP MTG)	4	
12	50.502.80.000.	CIRCLIP INTERNAL - 80 MM	1	
13	50.548.10.000.	SPECIAL PLAIN WASHER - M10	4	
14	50.011.08.030.	SOCKET HEAD SCREW - M8X1.25X30 - 8.8	4	
15	DV0.029.06.0.00	WASHER (FOR FAN DRIVE PULLEY)	1	
16	DV0.029.01.0.00	FAN PULLEY	1	
17	F6.015.07.0.00	HEX.BOLT FOR CRANK-PULLEY	1	
18	50.003.10.025.	SET SCREW - M10X1.5X25 - 8.8	4	
19	DV0.016.23.0.00	V WRAPPED BELT, SPB AR 1170 (2 NOS. SET)	1	
20	50.006.12.000.	NUT - M12X1.75 - GR.8	2	
21	50.506.12.000.	PLAIN MACHINED WASHER - M12	1	
22	DV0.029.07.0.00	SPECIAL STUD	1	

TITLE: - FUEL FILTER (320 KVA)**GROUP: - DV8.020**

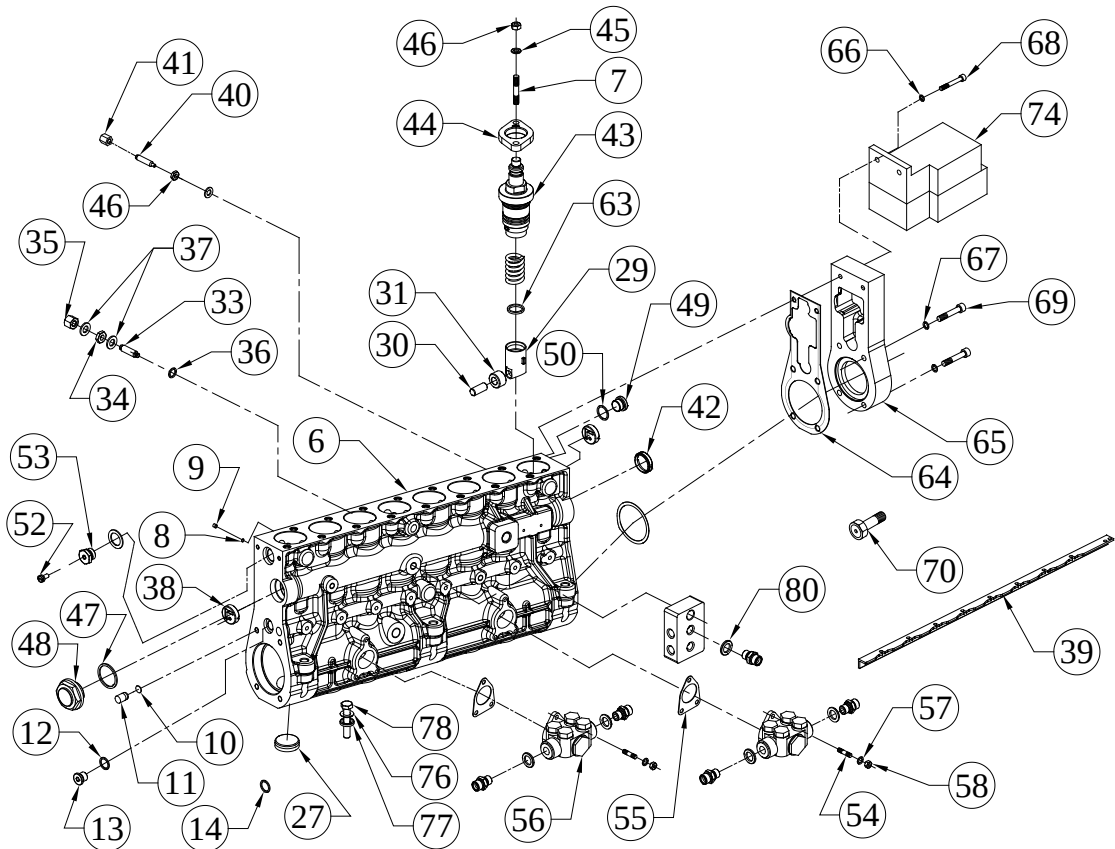
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	4H.2206.10.0.00	FUELFILTER(F002 H22 012/F002 H22 149) ASSEMBLY WITH HAND PRIMER SUITABLE FOR ROTARY FIP	2	CONSISTING OF SR.NO. 2
*2	4H.2206.01.0.00	FUEL FILTER CARTRIDGE SUITABLE FOR ROTARY FIP	1	NOT ILLUSTRATED
3	DV8.020.01.0.00	FUEL FILTER BRACKET	1	
4	50.003.08.025.	SET SCREW - M8X1.25X25 - 8.8	4	
5	50.506.08.000.	PLAIN MACHINED WASHER - M8	4	
6	50.003.08.035.	SET SCREW - M8X1.25X35 - 8.8	4	
7	50.548.08.000.	SPL.PLAIN M/CED WASHER	4	

**TITLE: - FUEL PIPE WITH PRE FILTER
MTG.**

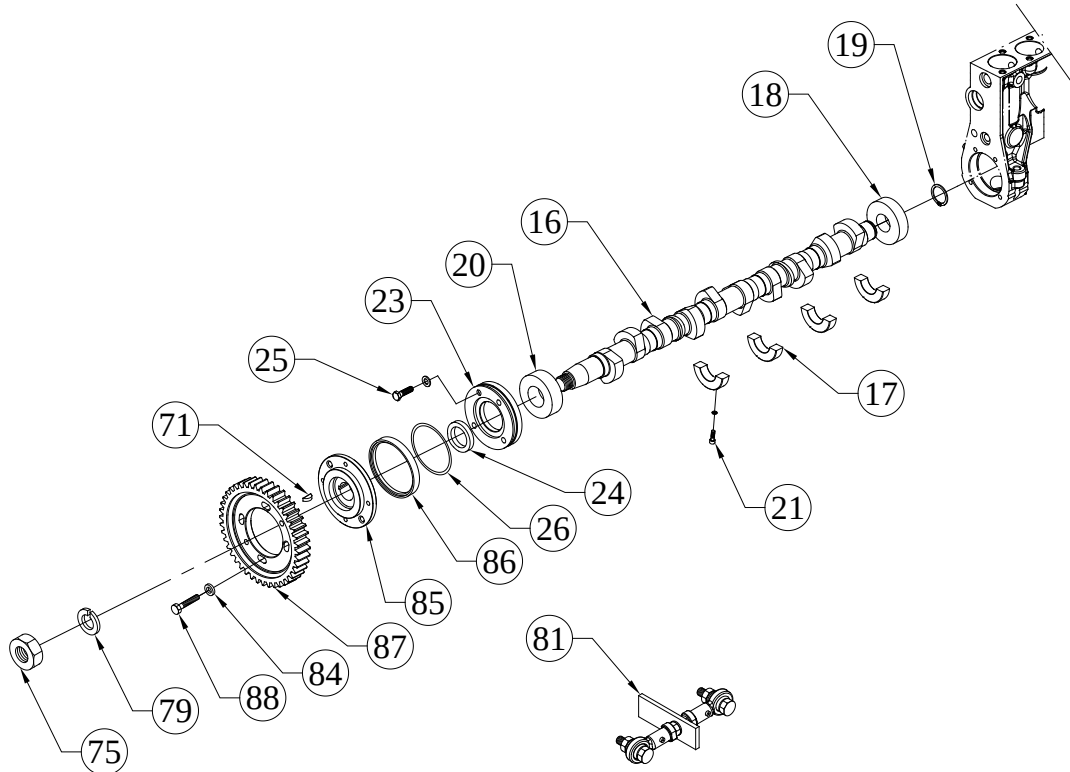
GROUP: - DV8.15PM.01



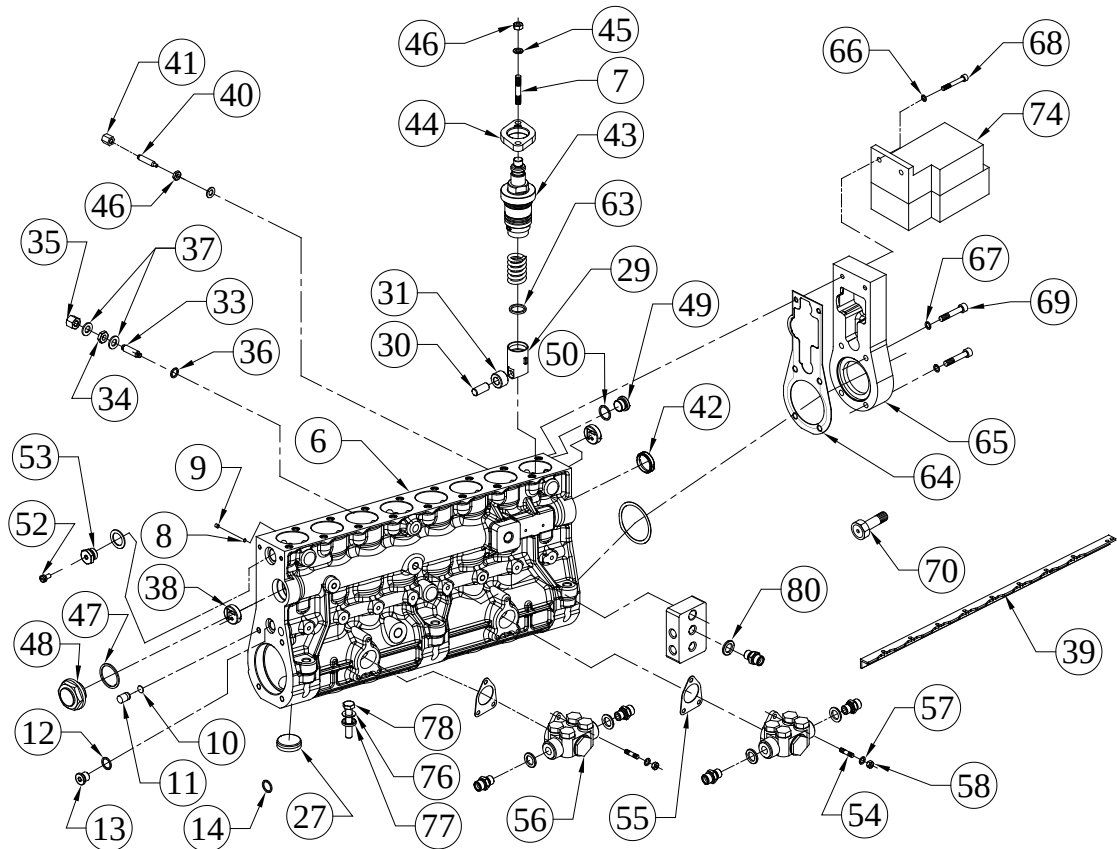
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV8.507.06.0.PR	FUEL INLET PIPE	1	
2	DV0.507.15.0.00	FUEL PIPE (FROM PRE FILTER TO F.I.P)	1	
3	DV2.507.15.0.PR	FUEL PIPE (RETURN)	2	
4	DV2.082.48.0.00	ADAPTOR (FOR MARINE-M16XM22)	1	
5	50.508.13.000	COPPER WASHER (16X20)	2	
6	50.504.05.000	BANJO BOLT - M16X1.5	1	
7	DV8.040.23.0.PR	FUEL FILTER & WATER SEPERATOR-PARKER RACOR	1	
8	50.003.12.045	SET SCREW - M12X1.75X45 - 8.8	2	
9	50.548.12.000	SPL. PLAIN WASHER - M12	4	
10	50.006.12.000	NUT - M12X1.75 - GR.8	2	
11	DV0.507.77.0.PR	BRACKET FOR FUEL FILTER	1	

TITLE: - FUEL PUMP ASSEMBLY**GROUP: - DV8.040.4**

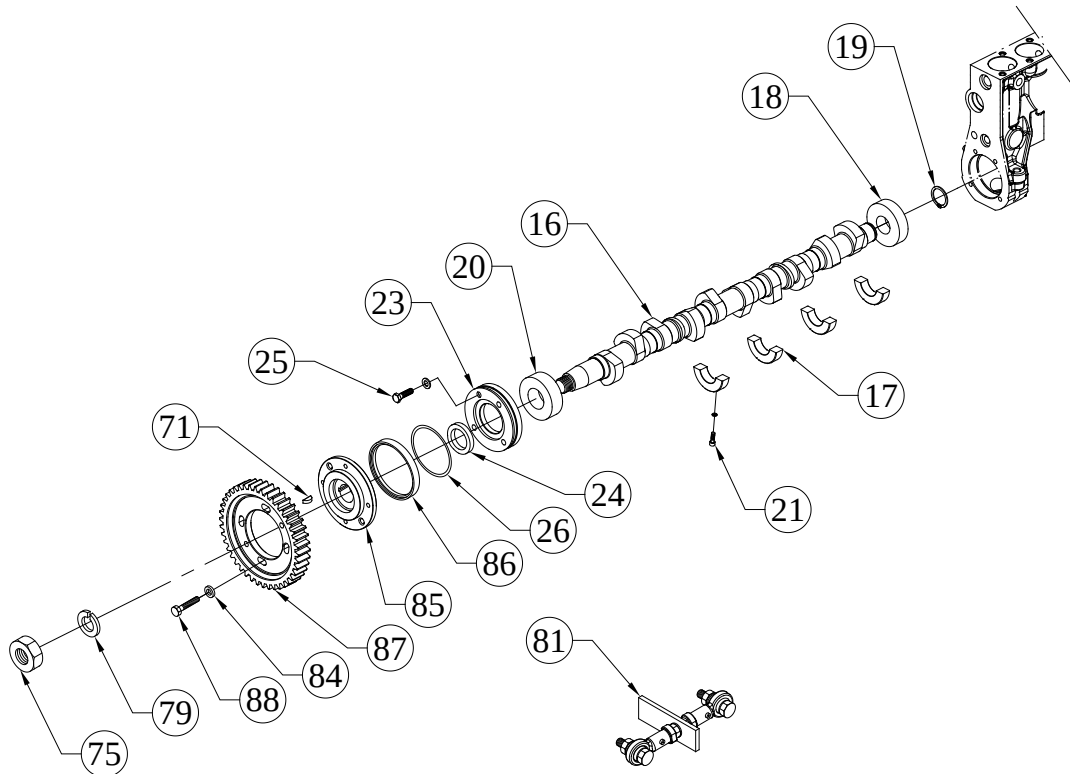
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV8.040.220.0.PR	CAMBOX TYPE FUEL PUMP TOTAL ASSLY.(DV8)	1	CONSISTING OF SR. NO. 2, 75 TO 83
*2	DV8.040.210.0.PR	GOVERNOR AND CAMBOX ASSY (DV8)	1	CONSISTING OF SR. NO. 3, 64 TO 72
*3	DV8.040.200.0.PR	RACK & INDV PUMP ASSY (WITH CAMBOX SUB ASSY-DV8)	1	CONSISTING OF SR. NO. 4, 28,32,38 TO 51 & 54 TO 63
*4	DV8.040.190.0.PR	FUEL PUMP CAMSHAFT ASSY (WITH BOTTOM SIDE CORE PLUGS DV8)	1	CONSISTING OF SR. NO. 5, 15,20 TO 22,27
*5	DV8.040.50.0.00	CAMBOX SUB ASSY (WITH STUD & PLUGS-DV8)	1	CONSISTING OF SR. NO. 6 TO 14
6	DV8.040.12.0.00	CAMBOX HOUSING(MACHINING)	1	
7	DV0.040.53.0.00	STUD FOR PUMP MOUNTING	16	
8	DV0.040.52.0.00	WASHER FOR OIL GALLERY CROSS HOLE PLUG	8	

TITLE: - FUEL PUMP ASSEMBLY**GROUP: - DV8.040.4**

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
9	DV0.040.44.0.00	PLUGS FOR OIL GALLERY CROSS HOLES	7	
10	DV0.040.51.0.00	WASHER FOR OILGALLERY PLUG	2	
11	DV0.040.43.0.00	AUXILLARY OIL GALLERY END PLUGS	2	
12	50.508.12.000.	COPPER WASHER (14X20)	2	
13	50.610.14.000.	CORE PLUG-HEXAGONAL SOCKET HEAD(DIN-908)	2	
14	50.508.14.000.	COPPER WASHER (16X22)	2	
*15	DV8.040.180.0.PR	CAMSHAFT ASSY (WITH INTERMEDIATE & GOVERNOR END BRG.DV8)	1	CONSISTING OF SR. NO. 16 TO 19
16	DV8.040.03.0.00	CAMSHAFT (FOR PF33(N) FUEL PUMP	1	
17	DV0.040.06.0.00	INTERMEDIATE SUPPORT BEARING FOR CAM SHAFT	1	
18	DV0.040.05.0.00	GOVERNOR END BEARING (SKF NO. 21306 CC)	1	
19	50.501.30.000.	CIRCLIP EXTERNAL - 30 MM	1	

TITLE: - FUEL PUMP ASSEMBLY**GROUP: - DV8.040.4**

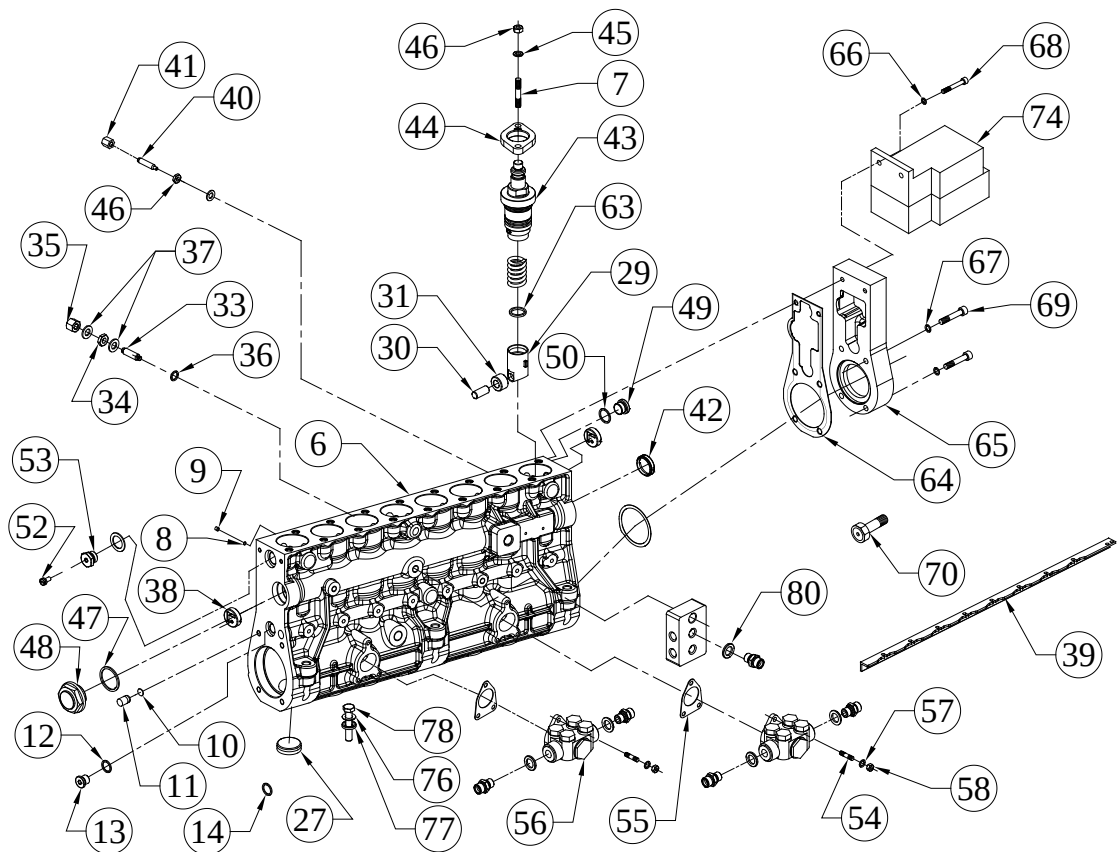
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
20	DV0.040.04.0.00	DRIVE END BEARING (SKF No. NU2207 ECP)	1	
21	50.011.06.016.	SOCKET HEAD SCREW - M6X1X16 - 8.8	10	
*22	DV0.040.45.0.00	OIL SEAL HOUSING ASSY	1	CONSISTING OF SR. NO. 23 TO 26
23	DV0.040.08.0.00	OIL SEAL HOUSING	1	
24	DV0.040.07.0.00	OIL SEAL FOR DRIVE END	1	
25	50.003.08.030.	SET SCREW - M8X1.25X30 - 8.8	4	
26	DV0.040.09.0.00	O RING FOR OIL SEAL HOUSING	1	
27	DV0.040.48.0.00	CORE PLUG FOR FUEL PUMP (BOTTOM SIDE)	8	
*28	DV0.040.30.0.00	ROLLER TAPPET ASSLY.	8	CONSISTING OF SR. NO. 29 TO 31
29	DV0.040.31.0.00	TAPPET	1	
30	DV0.040.32.0.00	ROLLER PIN	1	
31	DV0.040.33.0.00	ROLLER	1	

TITLE: - FUEL PUMP ASSEMBLY**GROUP: - DV8.040.4**

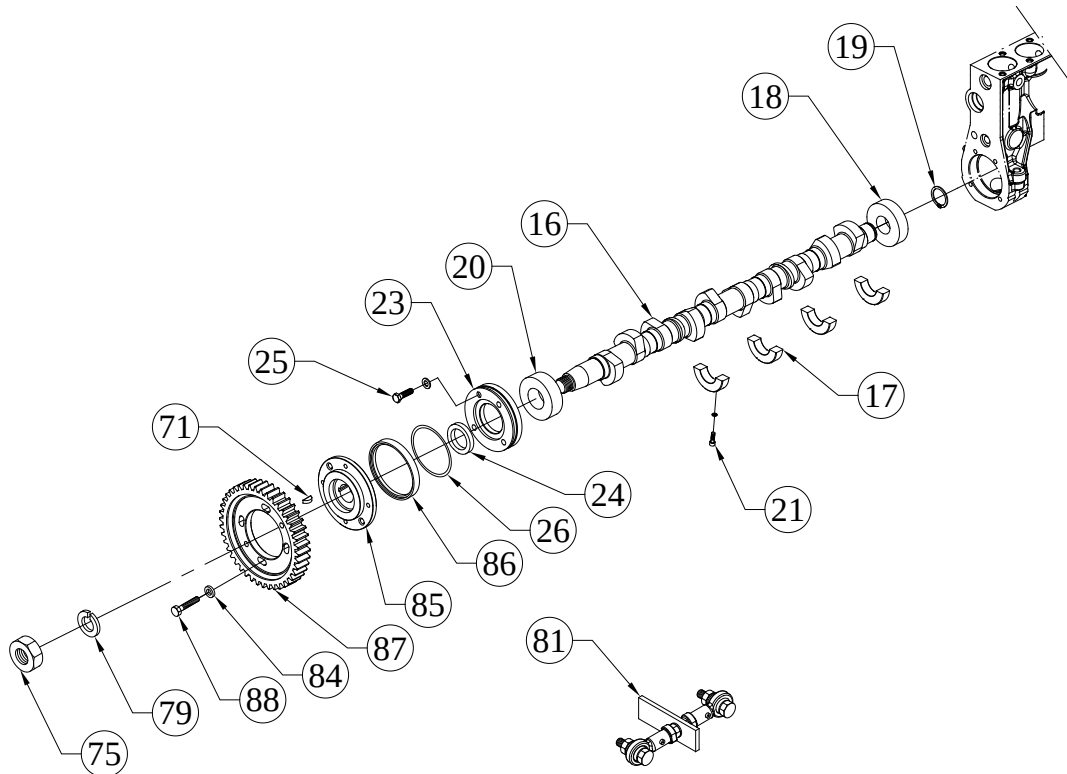
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*32	DV0.040.150.0.00	INTERMEDIATE SUPPORT FOR RACK (ASSLY) (REFER DRG. NO. DV0.040.20.0.00)	1	CONSISTING OF SR. NO. 33 TO 37
33	DV0.040.23.0.00	RACK SUPPORT ADJ. SCREW	2	
34	50.009.10.000.	NUT	2	
35	DV0.040.24.0.00	DOME NUT FOR RACK SUPPORT	2	
36	50.508.09.000.	COPPER WASHER (12X16)	1	
37	50.507.10.000.	PLAIN PUNCHED WASHER - M10	2	
38	DV0.040.21.0.00	END SUPPORT BUSH FOR RACK	2	
39	DV8.040.19.0.00	RACK/CONTROL ROD FOR FUEL PUMP	1	
40	DV0.040.25.0.00	LOCKING SCREW FOR RACK	1	
41	DV0.040.71.0.00	DOME NUT FOR RACK LOCKING SCREW	1	
42	DV0.040.61.0.00	LOCK FOR END SUPPORT BUSH	1	
43	DV8.040.22.0.PR	BOSCH PF33 PUMP WITH DUAL HELIX ELEMENT (DWG NO E 041 268 000)	8	
44	DV0.040.36.0.00	PF 33 PUMP MOUNTING FLANGE	8	

TITLE: - FUEL PUMP ASSEMBLY

GROUP: - DV8.040.4



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
45	50.506.08.000.	PLAIN MACHINED WASHER - M8	16	
46	DV0.040.83.0.00	NUT FOR FUEL PUMP (M8x1.25 10.9 GRADE)	16	
47	50.508.37.000.	COPPER WASHER (35X41)	1	
48	DV0.040.49.0.00	CAP NUT FOR RACK DRIVING SIDE	1	
49	DV0.040.57.0.00	CORE PLUG FOR FUEL GALLERY	1	
50	50.508.16.000.	COPPER WASHER (18X22)	2	
*51	DV0.040.60.0.00	BREATHER SCREW ASSEMBLY	1	CONSISTING OF SR. NO. 52,53
52	DV0.040.59.0.00	VENT FOR BREATHER SCREW	1	
53	DV0.040.58.0.00	BREATHER SCREW	1	
54	50.010.06.016.	STUD - M6X1X16 - 8.8	3	
55	08.021.02.0.00	JOINT FOR FEED PUMP	1	
56	DV0.040.01.0.00	FEED PUMP	1	
57	50.508.05.000.	COPPER WASHER (8X12)	3	
58	50.006.06.000.	NUT - M6X1 - GR.8	3	
*59	DV0.040.66.0.00	SHIM FOR ROLLER TAPET (2.5MM THICK)	8	NOT ILLUSTRATED

TITLE: - FUEL PUMP ASSEMBLY**GROUP: - DV8.040.4**

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*60	DV0.040.67.0.00	SHIM FOR ROLLER TAPPET (2.6MM)	8	NOT ILLUSTRATED
*61	DV0.040.68.0.00	SHIM FOR ROLLER TAPPET (2.7MM THICK	8	NOT ILLUSTRATED
*62	DV0.040.74.0.00	SHIM FOR ROLLER TAPPET (2.8MM THICK)	8	NOT ILLUSTRATED
63	DV0.040.75.0.00	SHIM FOR ROLLER TAPPET (2.9MM THICK)	8	
64	DV0.040.98.0.00	JOINT FOR GOVERNOR MOUNTING PLATE	1	
65	DV0.040.14.0.00	GOVERNOR MTG. PLATE	1	
66	50.508.04.000.	COPPER WASHER (6X10)	11	
67	50.508.05.000.	COPPER WASHER (8X12)	4	
68	50.011.06.035.	SOCKET HEAD SCREW - M6X1X35 - 8.8	2	
69	50.011.08.040.	SOCKET HEAD SCREW - M8X1.25X40 - 8.8	4	
70	34.032.60.0.00	O F VALVE ASSLY	1	
71	50.405.13.000.	WOODRUFF KEY	1	

TITLE: - FUEL PUMP ASSEMBLY	GROUP: - DV8.040.4
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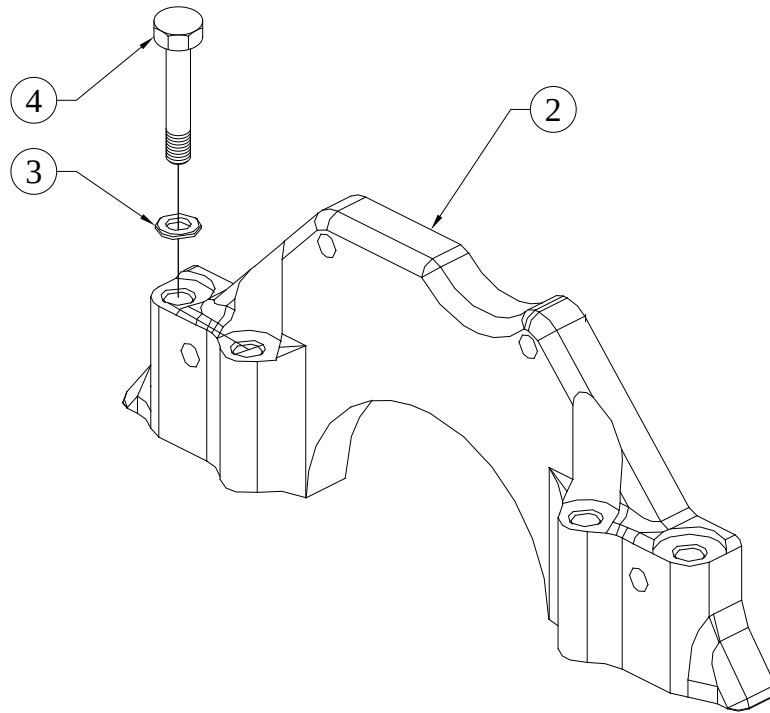
This technical drawing is an exploded view of a fuel pump assembly. The central component is the fuel pump body (6), which is shown with various internal and external parts. The diagram includes the following numbered components:

- 6**: Fuel pump body
- 7**: Fuel pump plunger
- 8**: Fuel pump plunger pin
- 9**: Fuel pump plunger pin pin
- 10**: Fuel pump plunger pin pin
- 11**: Fuel pump plunger pin pin
- 12**: Fuel pump plunger pin pin
- 13**: Fuel pump plunger pin pin
- 14**: Fuel pump plunger pin pin
- 15**: Fuel pump plunger pin pin
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- 79**: Fuel pump plunger pin pin
- 80**: Fuel pump plunger pin pin

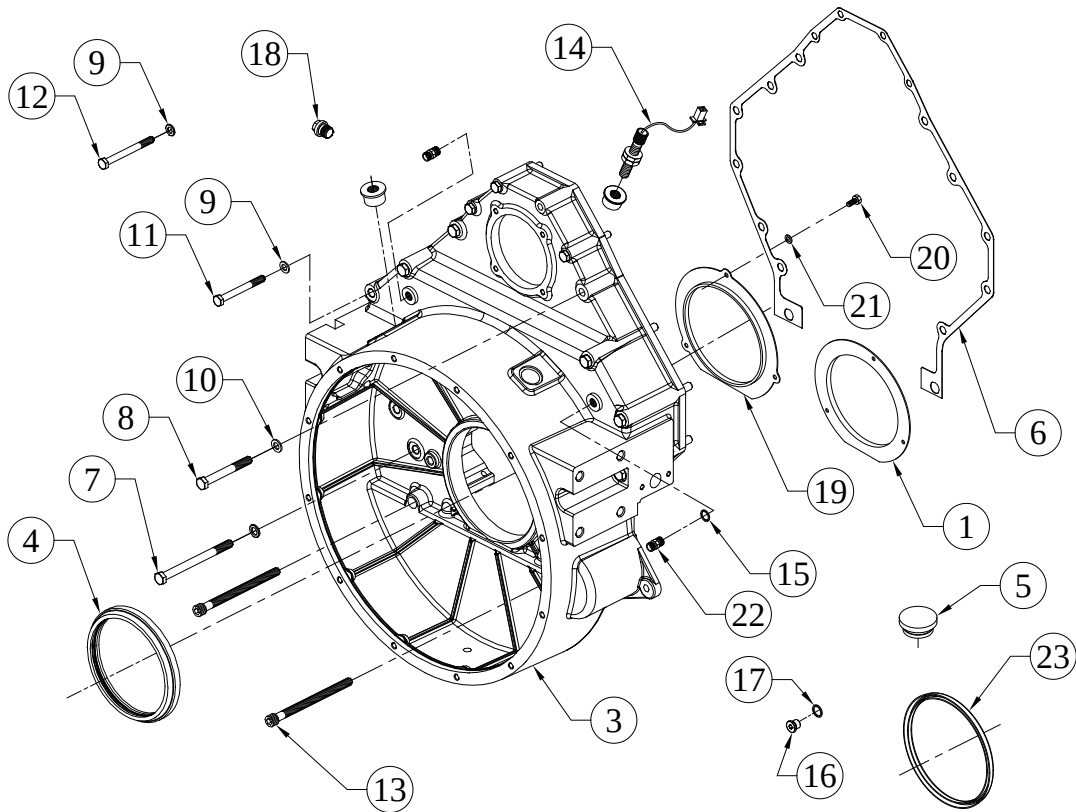
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*72	DV0.041.60.0.00	DV ELECTRONIC GOVERNOR WITH OVER - SPEED PROTECTION (ACTUATOR ADD175SA-24 V + SPEED CONTROL UNIT ESD5550)	1	CONSISTING OF SR. NO. 73,74
*73	DV0.040.92.0.00	SPEED CONTROL UNIT ESD5550	1	NOT ILLUSTRATED
74	DV0.040.93.0.00	ACTUATOR ADD175SA-24 V	1	
75	DV0.040.11.0.00	LOCKING NUT FOR GEAR MTG.FLANGE	1	
76	DV0.040.63.0.00	WASHER FOR FIP MOUNTING	6	
77	DV0.040.64.0.00	SPHERICAL WASHER FOR FIP MOUNTING	6	
78	50.002.10.080.	SET BOLT - M10X1.5X80 - 8.8	6	
79	50.505.24.000.	SPRING WASHER - M24	1	
80	50.508.14.000.	COPPER WASHER (16X22)	10	
81	DV0.040.85.0.00	LINKAGE ASSLY FOR GOVERNOR	1	
*82	DV8.040.26.0.PR	FIP NAME PLATE FOR DV8TA G1 ENGINE	1	NOT ILLUSTRATED

TITLE: - FUEL PUMP ASSEMBLY	GROUP: - DV8.040.4
This technical drawing is an exploded view of a fuel pump assembly. It shows the main shaft (16) with various components like gears (20, 23, 24, 25, 26), bearings (17, 18, 19), and seals (21) in their relative positions. The assembly is shown in a disassembled state to illustrate the relationship between parts. The parts are numbered as follows: 16 (shaft), 17 (bearing), 18 (bearing), 19 (bearing), 20 (gear), 21 (seal), 23 (gear), 24 (gear), 25 (gear), 26 (gear), 71 (gear), 75 (nut), 79 (pin), 84 (pin), 85 (pin), 86 (pin), 87 (pin), 88 (pin), and 81 (bracket).	

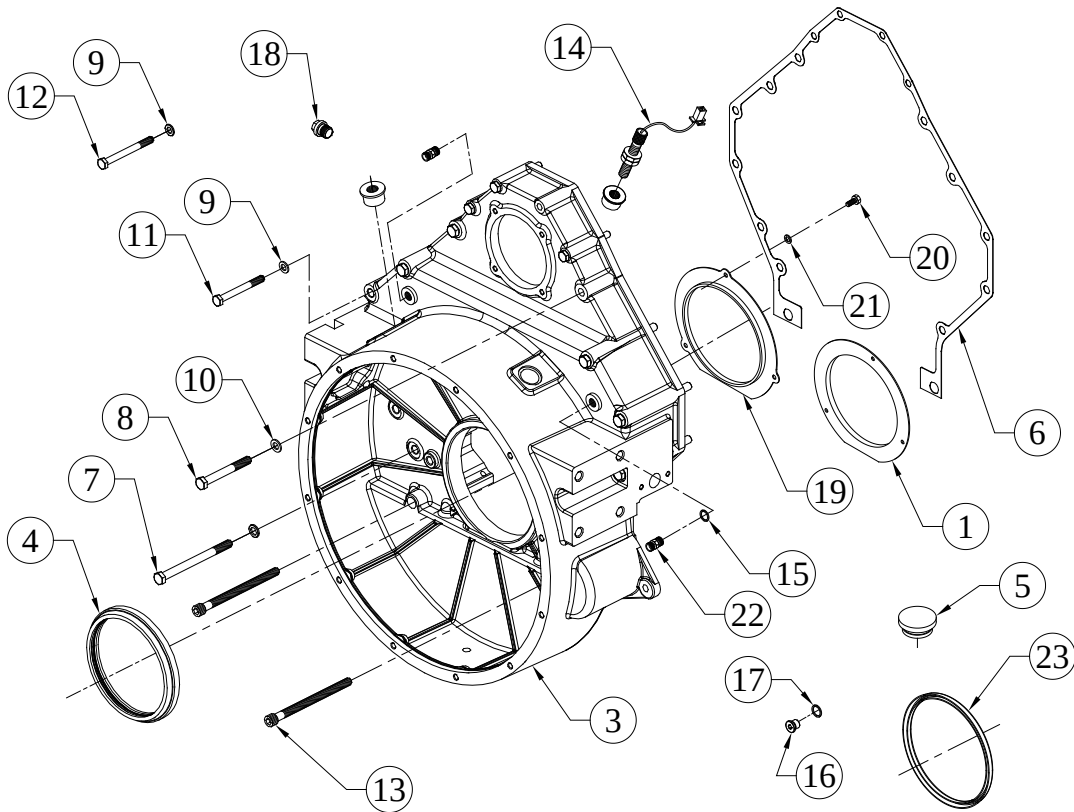
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TITLE: - FUEL PUMP CAP**GROUP: - DV0.019**

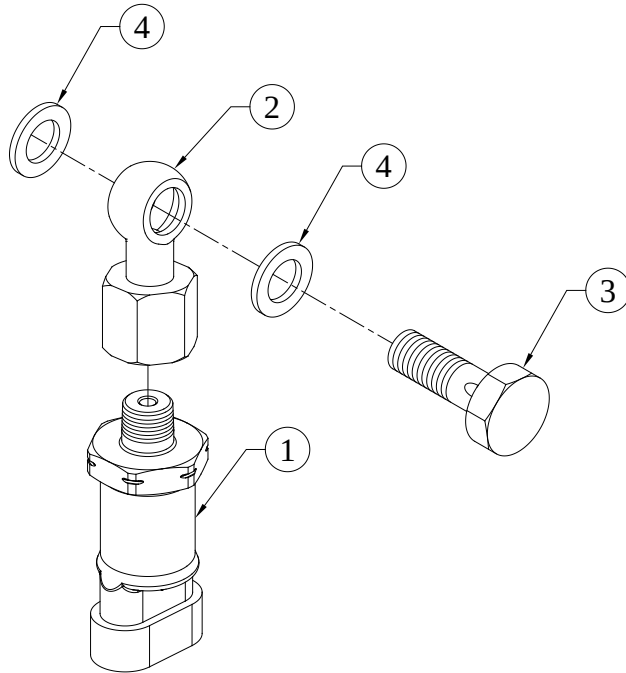
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV0.019.20.0.00	FUEL PUMP CAP ASSLY	1	CONSISTING OF SR.NO. 2 TO 4
2	DV0.019.04.0.00	FUEL PUMP CAP	1	
3	50.506.08.000.	PLAIN MACHINED WASHER - M8	4	
4	50.002.08.070.	SET BOLT - M8X1.25X70 - 8.8	4	

TITLE: - GEAR CASING CUM FLYWHEEL HSG**GROUP: - DV0.025.12**

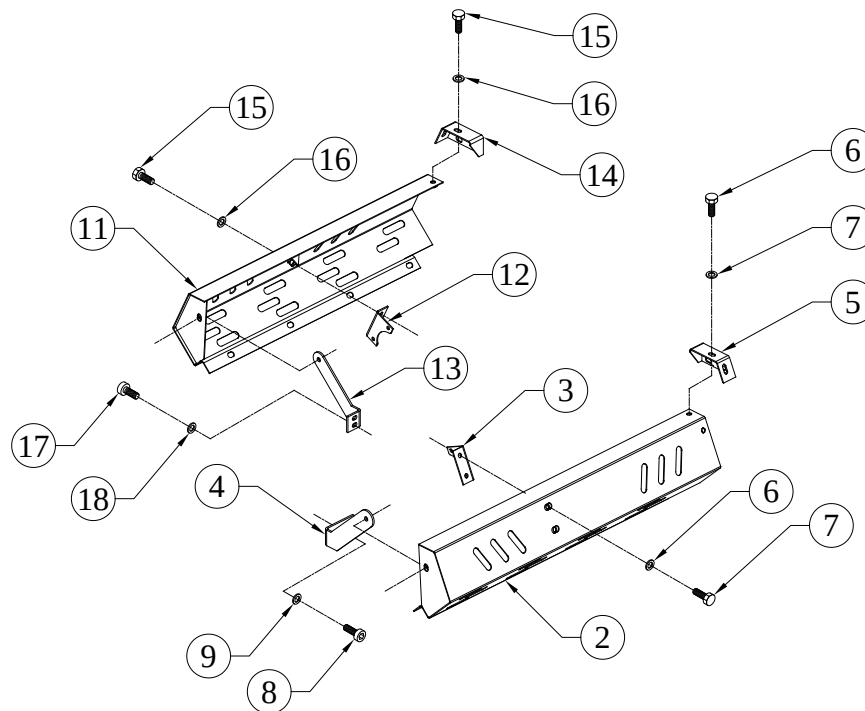
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV0.025.17.0.00	DEFLECTOR	1	
*2	DV0.025.30.0.00	FLYWHEEL HSG CUM GEAR CASING ASSLY	1	CONSISTING OF SR.NO.- 3 TO 13
3	DV0.025.14.0.00	GEAR COVER CUM BELL HOUSING	1	
4	DV0.025.18.0.PR	OIL SEAL FLYWHEEL END	1	
5	F6.016.12.0.00	RUBBER CAP.	1	
6	DV0.025.03.0.00	JOINT FOR GEAR CASING	1	
7	50.002.12.150.	SET BOLT - M12X1.75X150 - 8.8	9	
8	50.002.12.100.	SET BOLT - M12X1.75X100 - 8.8	2	
9	50.506.10.000.	PLAIN MACHINED WASHER - M10	4	
10	50.506.12.000.	PLAIN MACHINED WASHER - M12	11	
11	50.002.10.090.	SET BOLT - M10X1.5X90 - 8.8	2	
12	50.002.10.100.	SET BOLT - M10X1.5X100 - 8.8	2	
13	DV0.025.05.0.00	SOCKET HEAD SCREW (M12 X 165)	2	
14	F6.741.16.0.00	MAGNETIC PICK UP 16X1.5 THREA DING (UNITCH MAKE) FOR 250 KVA WITH 110 SERIES MSSL CON.	1	
15	50.508.34.000.	COPPER WASHER (30X36)	2	

TITLE: - GEAR CASING CUM FLYWHEEL HSG**GROUP: - DV0.025.12**

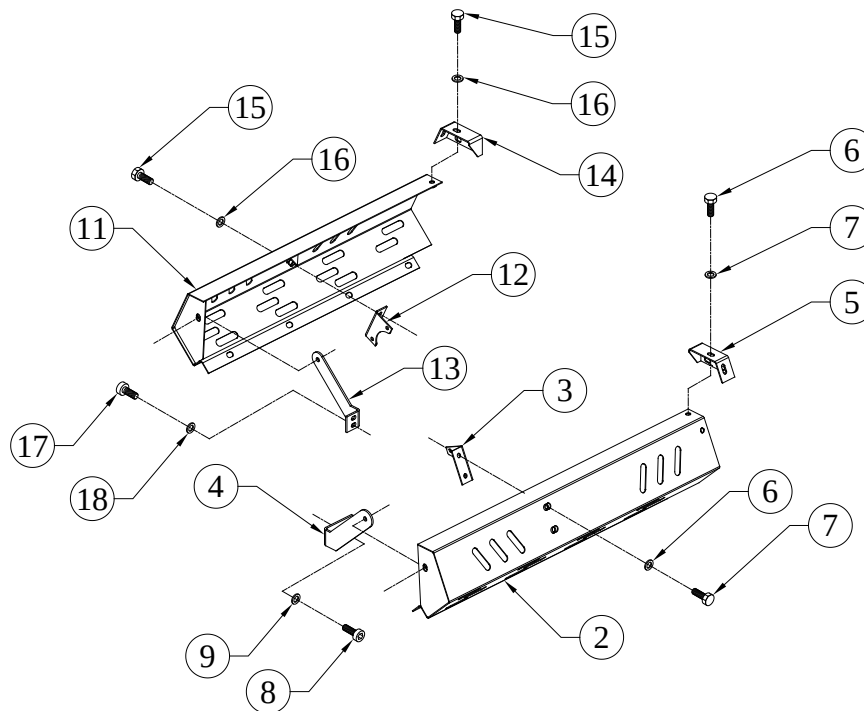
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
16	50.610.14.000.	CORE PLUG-HEXAGONAL SOCKET HEAD(DIN-908)	2	
17	50.508.12.000.	COPPER WASHER (14X20)	3	
18	50.602.14.000.	PLUG (M14X1.5)	1	
19	DV0.025.21.0.PR	MUD SLINGER_FWE	1	
20	50.003.06.014.	SET SCREW - M6X1X14 - 8.8	3	
21	50.506.06.000.	PLAIN MACHINED WASHER - M6	3	
22	DV0.032.46.0.00	ADAPTOR- M30X1.5 X BOTH SIDES	2	
23	DV0.025.19.0.PR	DEFLECTOR FOR FLYWHEEL END	1	

TITLE: - GEMS LOP TRANSMITTER 4-20 mA**GROUP: - DV0.812.1**

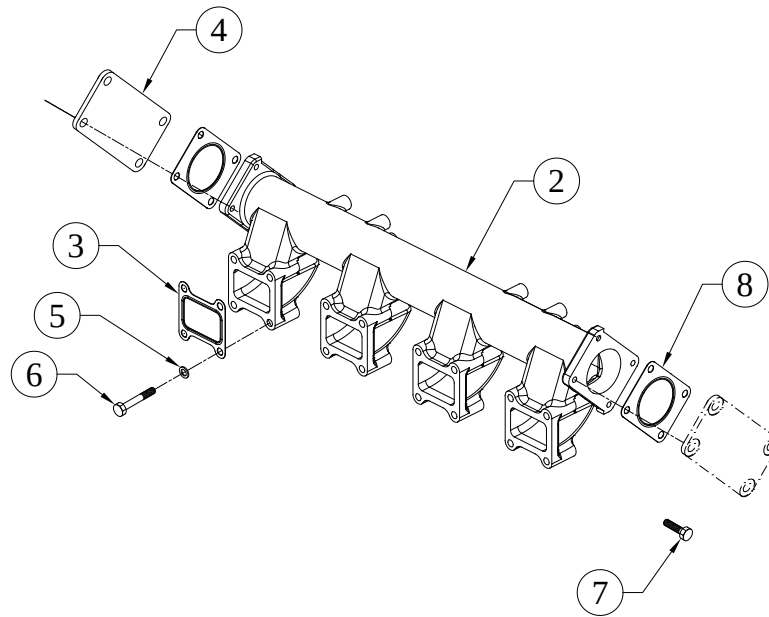
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV0.812.11.0.00	4-20 mA LUBE OIL PRESSURE SENSOR GEMS MAKE 3100 SERIES	1	
2	DV2.903.06.0.00	ADAPTOR FOR GEMS LOP SENSOR	1	
3	50.504.02.000.	BANJO BOLT - M10X1.5	1	
4	50.508.07.000.	COPPER WASHER (10X14)	2	

TITLE: - HEAT SHIELD**GROUP: - DV8.051.2**

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV8.051.40.0.PR	HEAT SHIELD ASSEMBLY (RH SIDE) (FROM PULLEY END)	1	CONSISTING OF SR.NO.- 2 TO 9
2	DV8.051.03.0.00	HEAT SHIELD (R.H)	1	
3	DV8.051.06.0.00	CETER BRACKET (FOR HEAT SHIELD (R.H))	1	
4	DV8.051.05.0.00	BRACKET (FOR HEAT SHIELD PULLEY END (R.H))	1	
5	DV8.051.04.0.00	BRACKET (FOR HEAT SHIELD G.E. (R.H))	1	
6	50.003.10.020.	SET SCREW - M10X1.5X20 - 8.8	9	
7	50.548.10.000.	SPECIAL PLAIN WASHER - M10	9	
8	50.076.08.020.	SOCKET HEAD CAP SCREW- M8X20-12.9	2	
9	50.548.08.000.	SPL.PLAIN M/CED WASHER	2	
*10	DV8.051.50.0.PR	HEAT SHIELD ASSEMBLY (LH SIDE) (FROM PULLEY END)	1	CONSISTING OF SR.NO.- 11 TO 18
11	DV8.051.07.0.00	HEAT SHIELD (L.H)	1	

TITLE: - HEAT SHIELD**GROUP: - DV8.051.2**

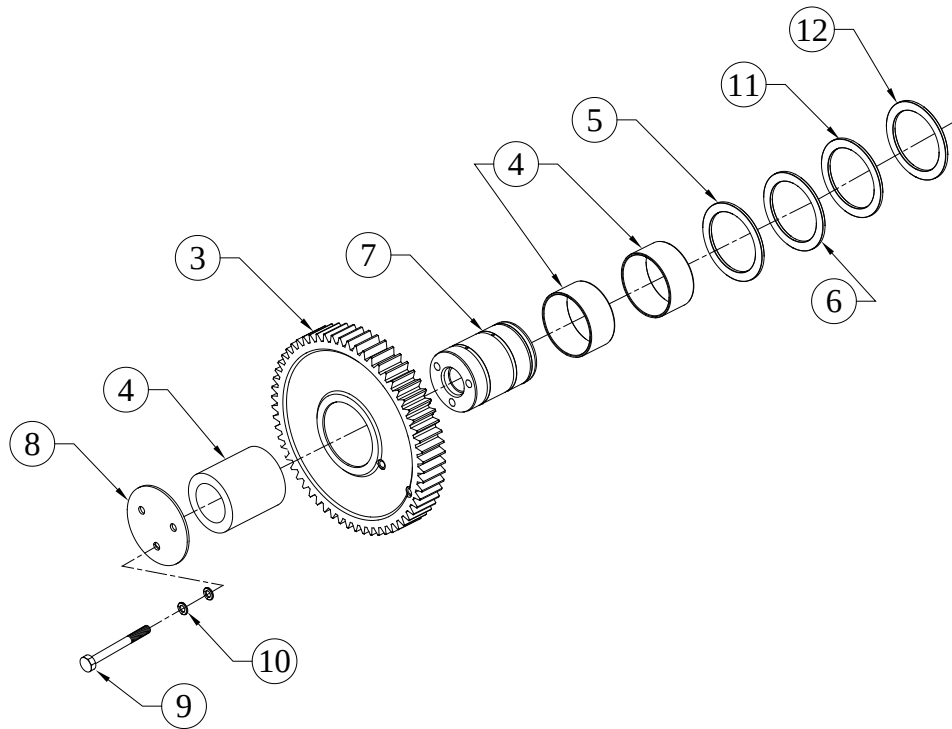
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
12	DV8.051.06.0.PR	CETER BRACKET (FOR HEAT SHIELD (R.H))	1	
13	DV8.051.12.0.00	BRACKET (FOR HEAT SHIELD PULLEY END (L.H))	1	
14	DV8.051.11.0.00	BRACKET (FOR HEAT SHIELD G.E. (L.H))	1	
15	50.003.10.020	SET SCREW - M10X1.5X20 - 8.8	9	
16	50.548.10.000	SPECIAL PLAIN WASHER - M10	9	
17	50.076.08.020	SOCKET HEAD CAP SCREW- M8X20-12.9	2	
18	50.548.08.000	SPL.PLAIN M/CED WASHER	2	

TITLE: - INLET MANIFOLD**GROUP: - DV8.023**

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV8.023.10.0.00	INLET MANIFOLD RH/LH ASM	1	CONSISTING OF SR. NO. 2 TO 8
2	DV8.023.01.0.00	INLET MANIFOLD (RH/LH)	1	
3	DV0.023.03.0.00	JOINT (BET.INLET MANIFOLD AND CYL.HEAD)	4	
4	DV0.023.06.0.00	COVER PLATE (FOR INLET MANIFOLD)	1	
5	50.506.10.000.	PLAIN MACHINED WASHER - M10	24	
6	50.002.10.065.	SET BOLT - M10X1.5X65 - 8.8	16	
7	50.003.10.030.	SET SCREW - M10X1.5X30 - 8.8	8	
8	DV0.023.02.0.00	JOINT (MAIN AIR PIPE TO INLET MANIFOLD)	2	

**TITLE: - ITERMEDIATE DOUBLE GEARS
(CRANK GEAR AND CAM GEAR)**

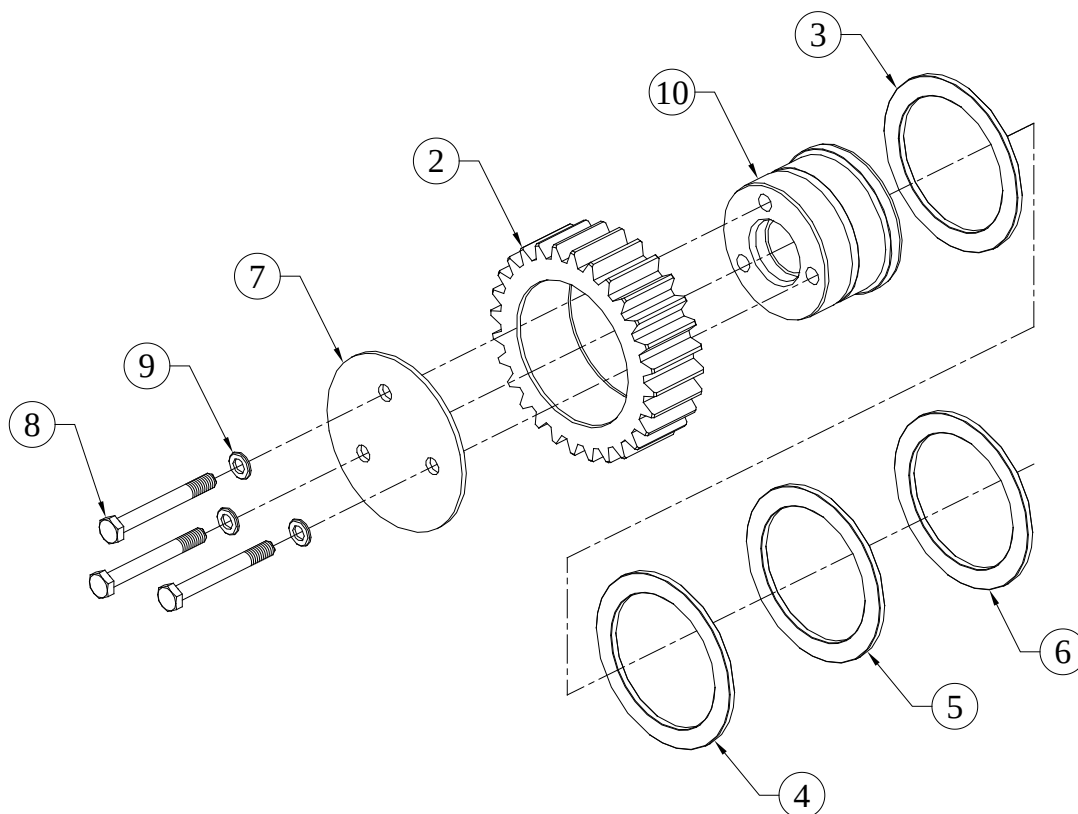
GROUP: - DV0.010



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV0.010.20.0.00	DOUBLE GEAR ASSLY (CRANK GEAR AND CAM GEAR)	1	CONSISTING OF SR. NO. 2 & 5 TO 12
*2	DV0.010.10.0.00	SUB ASSLY.OF DOUBE GEAR AND BUSH (INTERMIDATE)	1	CONSISTING OF SR. NO. 3 & 4
3	DV8.010.01.0.00	DOUBLE GEAR	1	NOT SUPPLIED LOOSE
4	F6.001.40.0.00	BUSH	2	
5	2H.038.02.0.00	THRUST WASHER	1	
6	DV0.010.04.0.00	THRUST WASHER (FOR INTERMEDIATE GEAR SUPPORT)	1	
7	DV0.010.02.0.00	DOUBLE GEAR SUPPORT	1	
8	DV0.010.03.0.00	RETAINER PATE (FOR GEAR SUPPORT)	1	
9	50.002.08.115.	SET BOLT - M8X1.25X115 - 8.8	3	
10	50.506.08.000.	PLAIN MACHINED WASHER - M8	3	
11	DV0.010.06.0.00	THRUST WASHER (FOR INTERMEDIATE GEAR SUPPORT) 4.2 mm THICK	1	
12	DV0.011.04.0.00	THRUST WASHER (3.9MM THICK)	1	

**TITLE: - ITERMEDIATE GEAR ASSLY
(CAM & FUEL PUMP GEAR)**

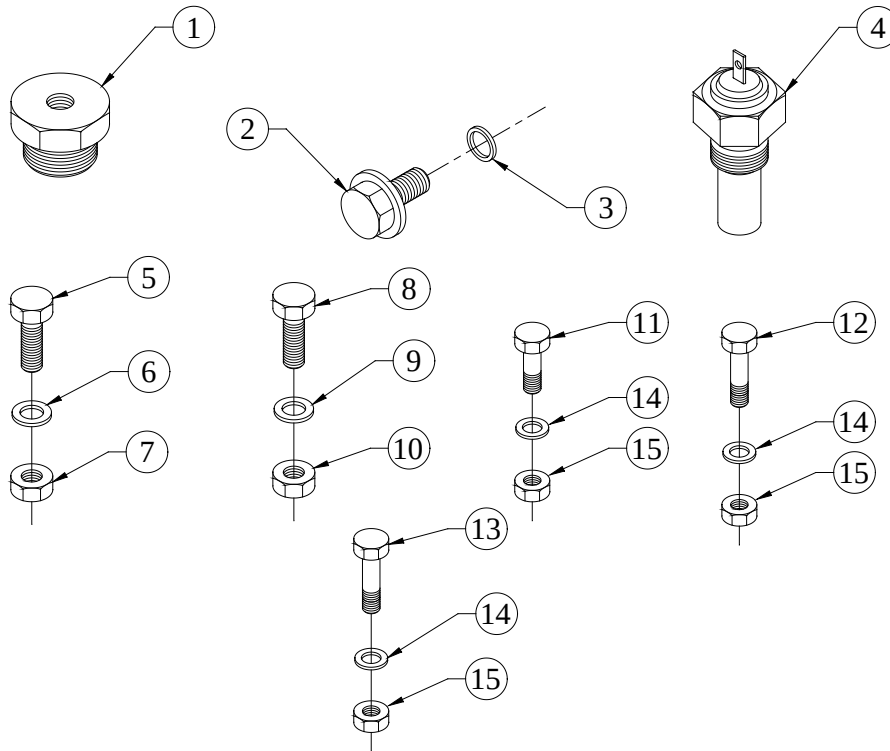
GROUP: - DV0.011



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV0.011.20.0.00	INTERMEDIATE GEAR ASSLY (CAM & FUEL PUMP GEAR)	1	CONSISTING OF SR. NO. 2 TO 10
2	DV0.011.10.0.00	SUB ASSLY. OF INTERMEDIATE GEAR AND BUSH	1	NOT SUPLIED LOOSE
3	2H.038.02.0.00	THRUST WASHER	1	
4	DV0.011.04.0.00	THRUST WASHER (3.9MM THICK)	1	
5	DV0.010.06.0.00	THRUST WASHER (FOR INTERMEDIATE GEAR SUPPORT) 4.2 mm THICK	1	
6	DV0.010.04.0.00	THRUST WASHER (FOR INTERMEDIATE GEAR SUPPORT)	1	
7	DV0.010.03.0.00	RETAINER PATE (FOR GEAR SUPPORT)	1	
8	50.002.08.070.	SET BOLT - M8X1.25X70 - 8.8	3	
9	50.506.08.000.	PLAIN MACHINED WASHER - M8	3	
10	DV0.011.03.0.00	INTERMEDIATE GEAR SUPPORT (BETWEEN CAM AND FUE PUMP GEAR)	1	

TITLE: - K COOL SUPER PLUS - 5050 PREMIX (LOOSETANKER)	GROUP: -82.020.36.2.00

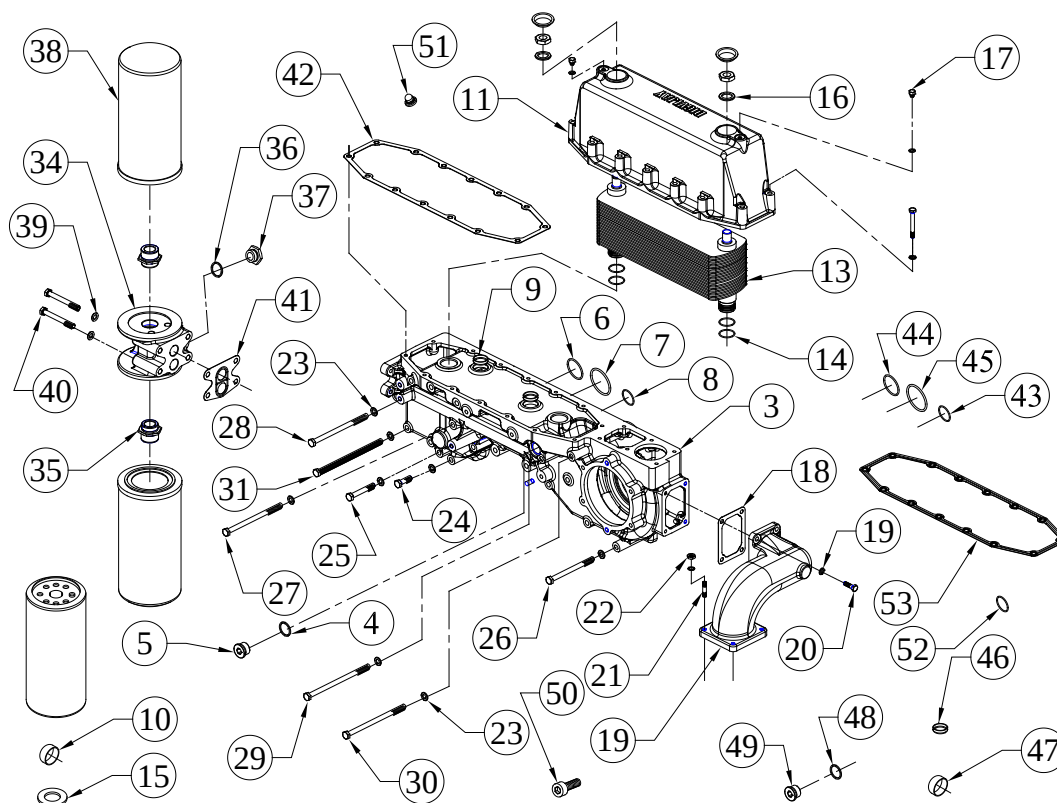
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	82.020.36.2.00	K COOL SUPER PLUS - 50:50 PREMIX (LOOSE/TANKER)	60 LTR	NOT ILLUSTRATED

TITLE: - KIT GROUP**GROUP: - DV0.178**

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV0.507.19.0.00	ADAPTOR (M8 X1.25 - M27 X 1.5)	1	
2	50.602.14.000.	PLUG (M14X1.5)	1	
3	50.508.12.000.	COPPER WASHER (14X20)	1	
4	46.085.02.0.00	SENSOR UNIT (FOR ELEC TEMP GAUGE)	1	
5	50.003.20.050.	SET SCREW - M20X2.5X50 - 8.8	2	
6	50.506.20.000.	PLAIN MACHINED WASHER - M20	4	
7	50.006.20.000.	NUT - M20X2.5 - GR.8	2	
8	50.003.16.050.	SET SCREW - M16X2X50 - 8.8	2	
9	50.506.16.000.	PLAIN MACHINED WASHER - M16	4	
10	50.006.16.000.	NUT - M16X2 - GR.8.8	2	
11	50.002.14.065.	SET BOLT - M14X2X65 - 8.8	12	
12	50.002.14.040.	SET BOLT - M14X2X40 - 8.8	12	
13	50.002.14.050.	SET BOLT - M14X2X50 - 8.8	6	
14	50.506.14.000.	PLAIN MACHINED WASHER - M14	60	
15	4H.781.13.0.00	NYLOCK NUT FOR JCB LOGING (M14X 2)	30	

**TITLE: - LUB OIL COOLER, HEADER AND
FILTE**

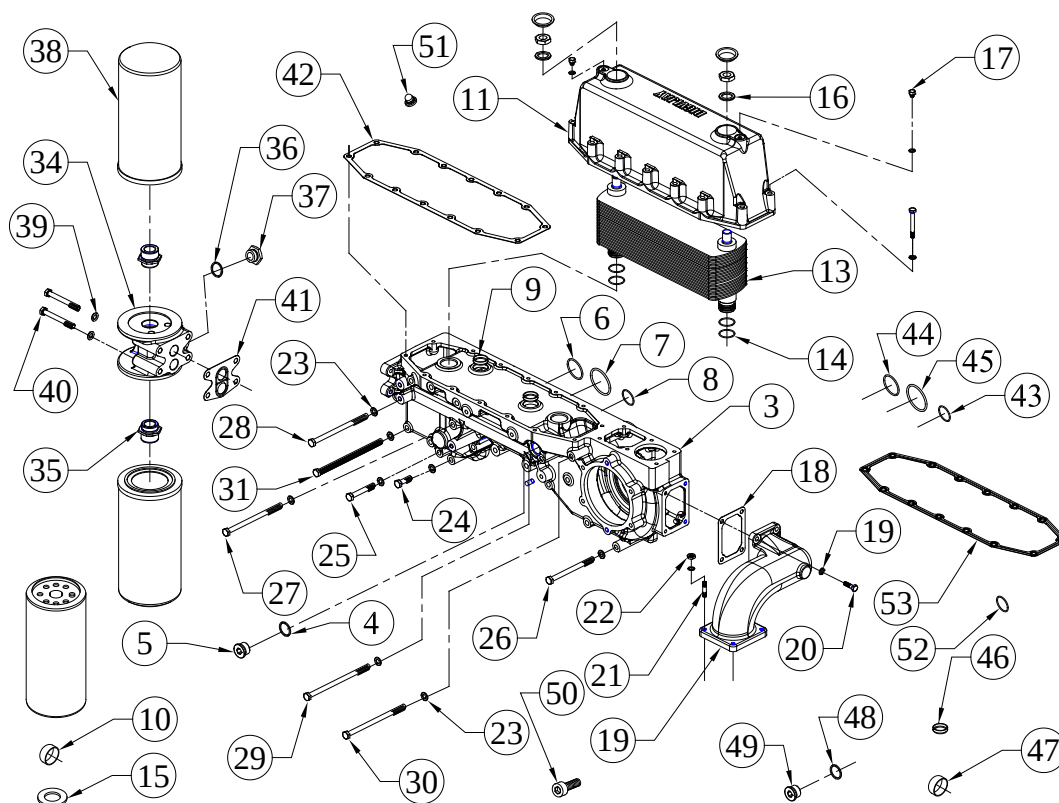
GROUP: - DV8.014



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV8.014.50.0.00	LUB OIL COOLER HEADER ASSLY	1	CONSISTING OF SR. NO. 2 & 11 , 12 & 15 TO 32
*2	DV0.014.40.0.00	LUB OIL COOLER HEADER SUB-ASSLY	1	CONSISTING OF SR. NO. 3 TO 10
3	DV0.014.04.0.00	LUB OIL COOLER HEADER	1	
4	50.508.32.000.	COPPER WASHER (28X33)	1	
5	50.610.27.000.	CORE PLUG(M27X2)-HEXAGONAL SOCKET HEAD(DIN 908)	1	
6	DV0.014.13.0.00	O RING (58 DIA) FOR L.O. HEADER	2	
7	DV0.014.14.0.00	O RING (67 DIA) FOR L.O. HEADER	2	
8	DV0.014.12.0.00	O RING (38 DIA)FOR L.O. HEADER	3	
9	F6.007.34.0.00	SEALING CAP	2	
10	F6.001.58.0.00	SEALING CAP.(40 DIN 443)	3	
11	DV0.014.39.0.00	LUB OIL COOLER COVER (MACHINING)	1	

**TITLE: - LUB OIL COOLER, HEADER AND
FILTE**

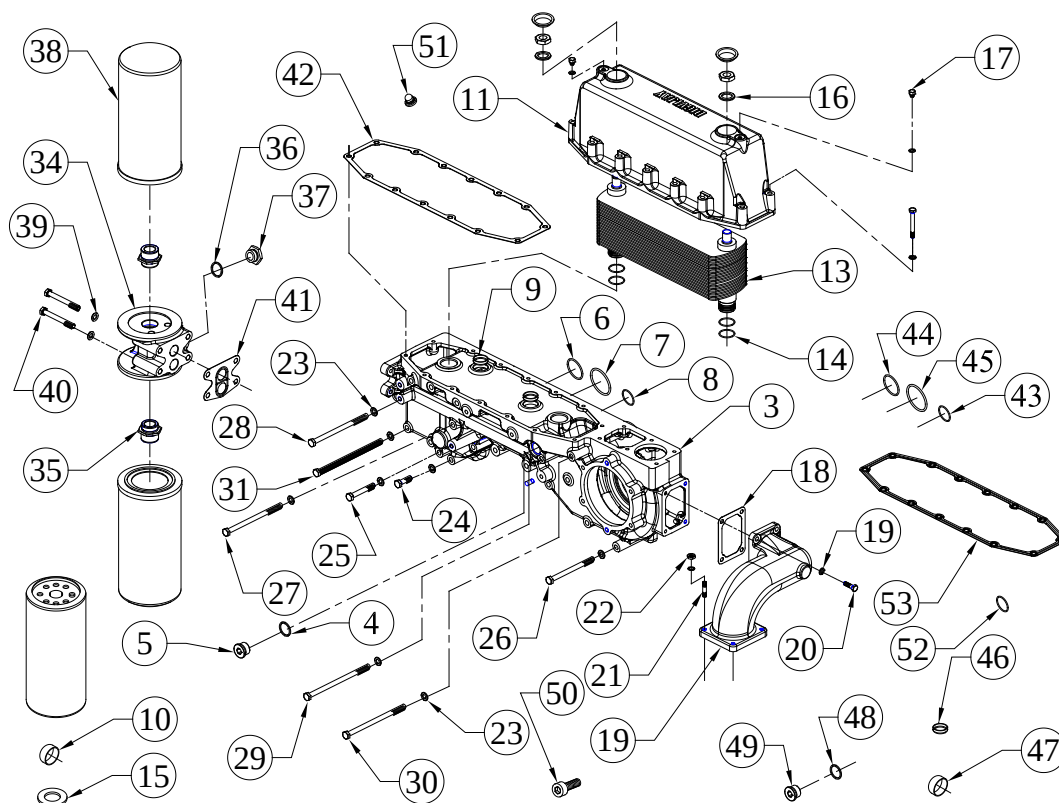
GROUP: - DV8.014



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*12	DV0.014.60.0.00	LUB OIL COOLER ASSLY (17 PLATES)	1	CONSISTING OF SR. NO. 13 & 14
13	DV0.014.01.0.00	LUB OIL COOLER (17 PLATES)	1	
14	DV0.014.23.0.00	O RING (DIA.29) FOR ELEMENT OIL COOLER	4	
15	DV0.014.22.0.00	RUBBER WASHER	2	
16	50.508.06.000.	COPPER WASHER (8X14)	2	
17	08.001.18.0.00	CORE PLUG FOR OIL GALLERY	2	
18	DV0.014.16.0.00	JOINT (FOR WATER PUMP SUCTION)	1	
19	DV0.014.08.0.00	SUCTION TUBE (WITH FLANGED ENDS)	1	
20	50.003.08.030.	SET SCREW - M8X1.25X30 - 8.8	4	
21	50.010.08.025.	STUD - M8X1.25X025 - 8.8	4	
22	50.006.08.000.	NUT- M8X1.25 - GR.8	4	
23	50.506.10.000.	PLAIN MACHINED WASHER - M10	19	
24	50.002.10.035.	SET BOLT - M10X1.5X35 - 8.8	1	
25	50.002.10.070.	SET BOLT - M10X1.5X70 - 8.8	1	

**TITLE: - LUB OIL COOLER, HEADER AND
FILTE**

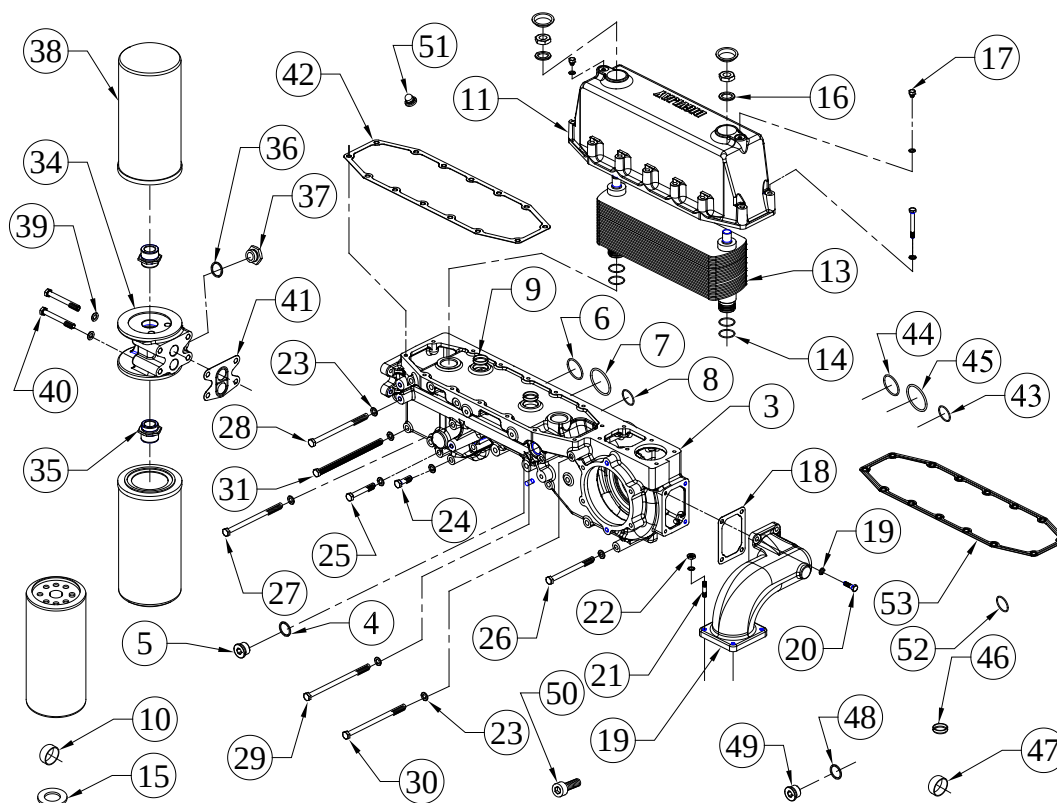
GROUP: - DV8.014



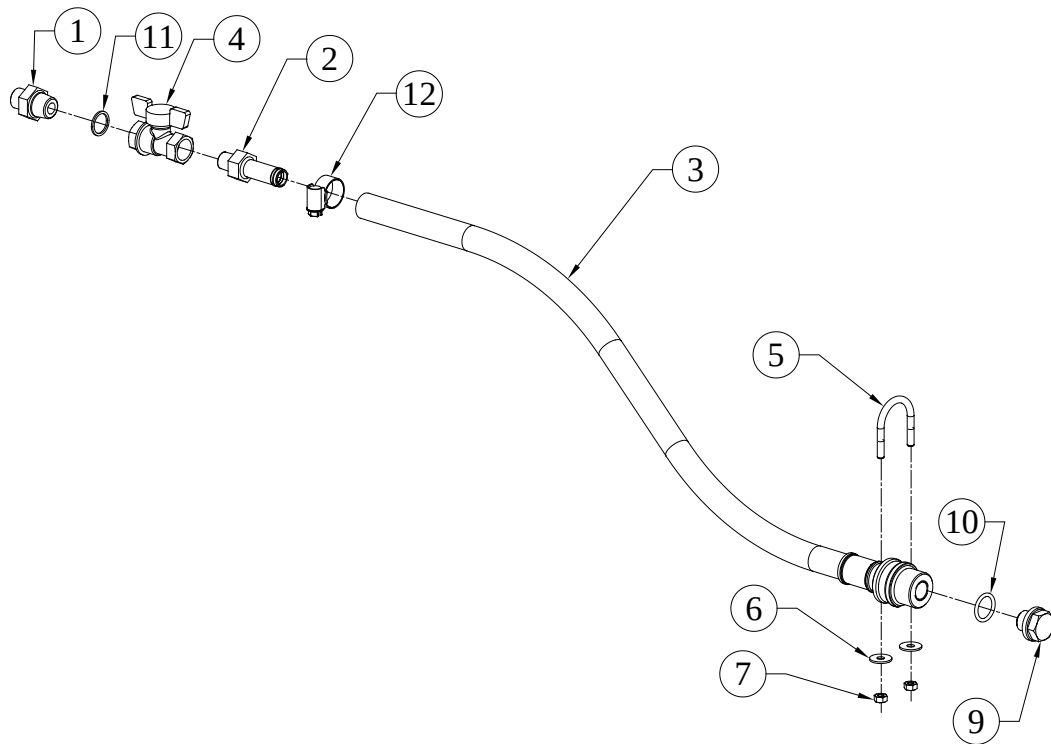
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
26	50.002.10.130.	SET BOLT - M10X1.5X130 - 8.8	8	
27	50.002.10.140.	SET BOLT - M10X1.5X140 - 8.8	1	
28	50.002.10.170.	SET BOLT - M10X1.5X170 - 8.8	2	
29	50.002.10.190.	SET BOLT - M10X1.5X190 - 8.8	1	
30	50.002.10.180.	SET BOLT - M10X1.5X180 - 8.8	1	
31	50.002.10.200.	SET SCREW M10X1.5X200 LONG (8.8 GR)	3	
*32	DV8.014.20.0.00	FILTER HEADER SUB-ASSLY	1	CONSISTING OF SR. NO. 33
*33	DV8.014.10.0.00	LUB OIL FILTER HEADER ASSLY	1	CONSISTING OF SR. NO. 34 TO 37
34	DV0.014.38.0.00	HEADER FOR OIL FILTER (320 KVA)	1	
35	DV0.014.07.0.00	THREADED ADAPTOR FOR HEADER	1	
36	50.508.32.000.	COPPER WASHER (28X33)	1	
37	46.218.02.0.00	ADAPTOR FOR TEMP.SWITCH	1	
38	DV0.014.11.0.00	LUB OIL FILTER	1	
39	50.506.10.000.	PLAIN MACHINED WASHER - M10	4	

**TITLE: - LUB OIL COOLER, HEADER AND
FILTE**

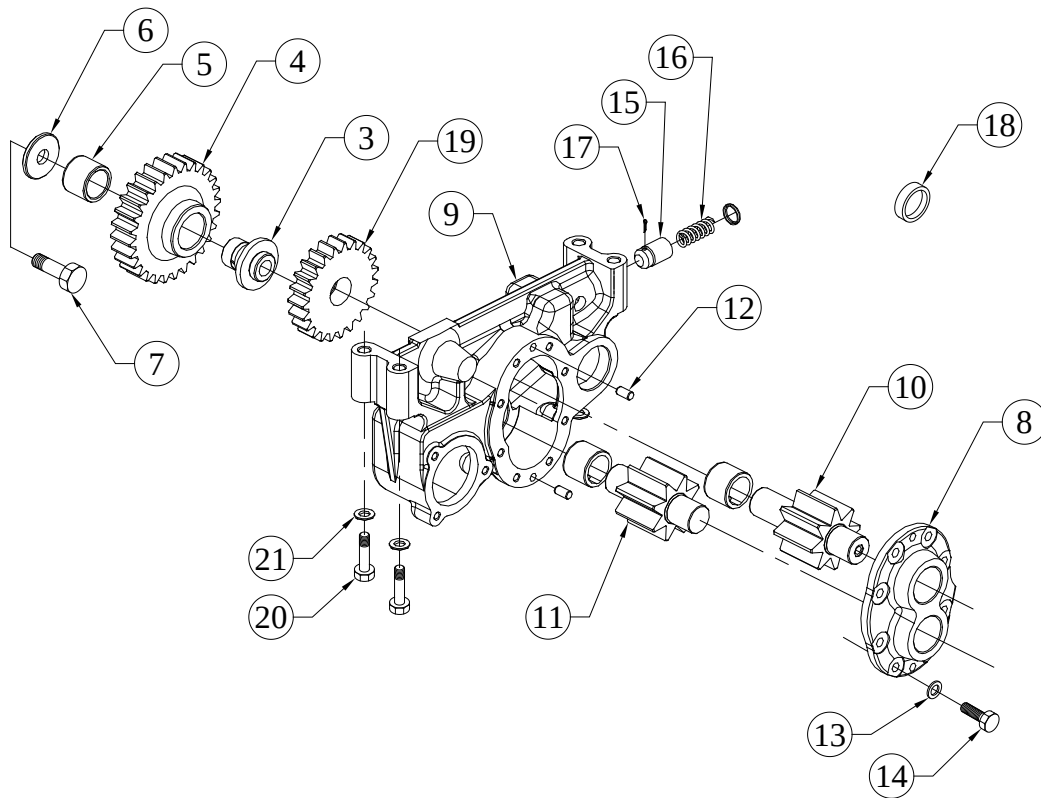
GROUP: - DV8.014



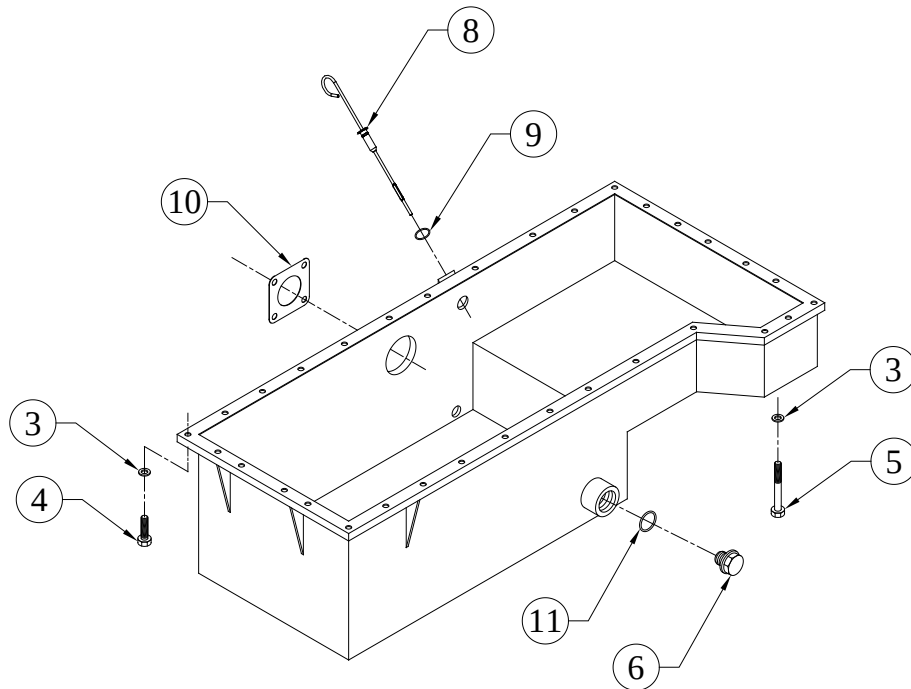
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
40	50.002.10.090.	SET BOLT - M10X1.5X90 - 8.8	4	
41	DV0.014.17.0.00	GASKET (LUB. OIL HEADER)	1	
42	DV0.014.06.0.00	JOINT (FOR COOLER COVER)	1	
43	DV0.014.12.0.00	O RING (38 DIA)FOR L.O. HEADER	3	
44	DV0.014.13.0.00	O RING (58 DIA) FOR L.O. HEADER	2	
45	DV0.014.14.0.00	O RING (67 DIA) FOR L.O. HEADER	2	
46	F6.007.34.0.00	SEALING CAP	1	
47	F6.001.58.0.00	SEALING CAP.(40 DIN 443)	3	
48	50.508.32.000.	COPPER WASHER (28X33)	1	
49	50.610.27.000.	CORE PLUG(M27X2)-HEXAGONAL SOCKET HEAD(DIN 908)	1	
50	50.076.08.040.	ALLEN SCREW	14	
51	DV0.014.43.0.00	DOME NUT FOR LUB OIL COOLER	2	
52	DV0.014.23.0.00	O RING (DIA.29) FOR ELEMENT OIL COOLER	2	
53	DV0.014.51.0.00	JOINT FOR COOLER COVER (MODIFIED)	1	

TITLE: - LUB OIL DRAIN ARRANGEMENT**GROUP: - DV8.14PM.01**

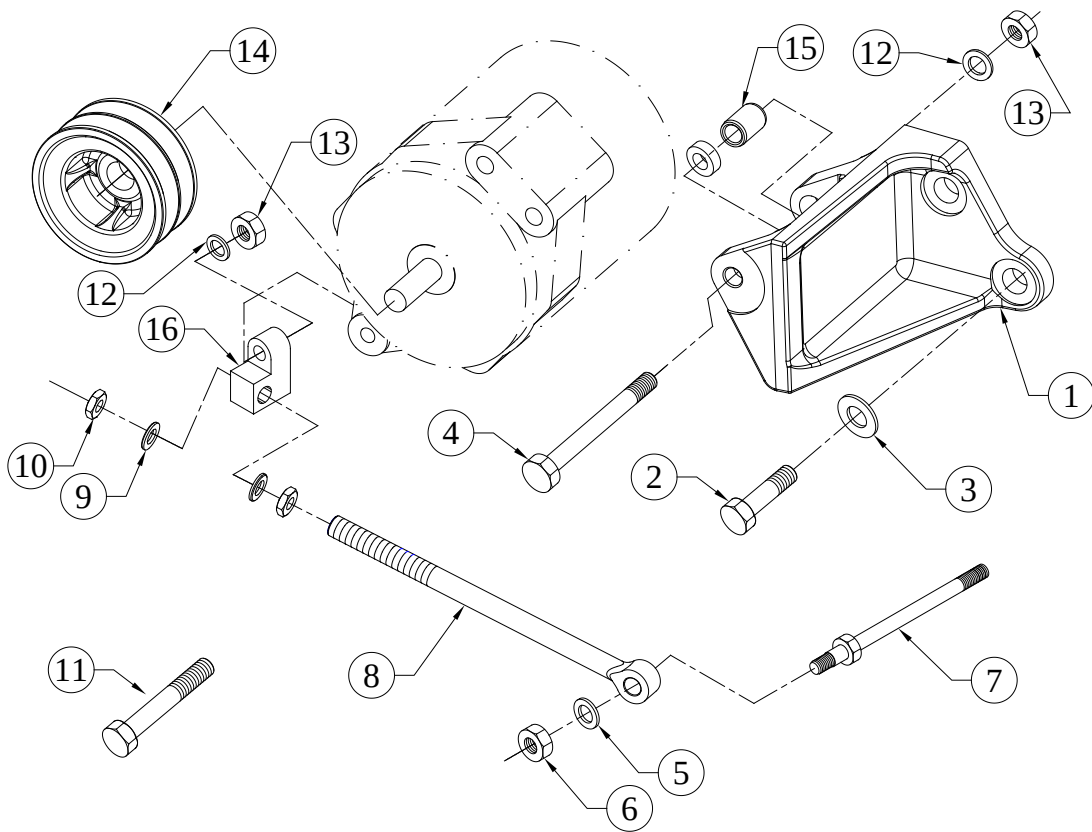
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	3H.147.07.0.00	ADAPTOR FOR LUB OIL SUMP DRAIN 1/2" BSP AND M18X1.5	1	
2	3H.153.14.0.00	ADAPTOR WITH HOSE TAIL FOR SUMP DRAIN	1	
3	4H.1713.02.0.00	DRAIN PIPE (700 MM LONG)	1	
4	3H.153.11.0.00	DRAIN COCK	1	
5	04.452.03.0.00	U-CLAMP FOR SUMP DRAIN PIPE	1	
6	03.023.02.0.00	SPL. PLAIN WASHER - M6	2	
7	50.006.06.000.	NUT - M6X1 - GR.8	2	
*8	2H.035.20.0.00	PLUG WITH MAGNET & 'O'RING.	1	CONSISTING OF SR.NO. 9 TO 10
9	2H.035.10.0.00	DRAIN PLUG ASSEMBLY.	1	
10	F6.024.47.0.00	O - RING FOR DRAIN PLUG	1	
11	50.508.16.000.	COPPER WASHER (18X22)	1	
12	2H.064.03.0.00	WORM DRIVE HOSE CLIP (JUPITOR JW7B9, 20 - 25 DIA)	1	

TITLE: - LUB OIL PUMP**GROUP: - DV0.013**

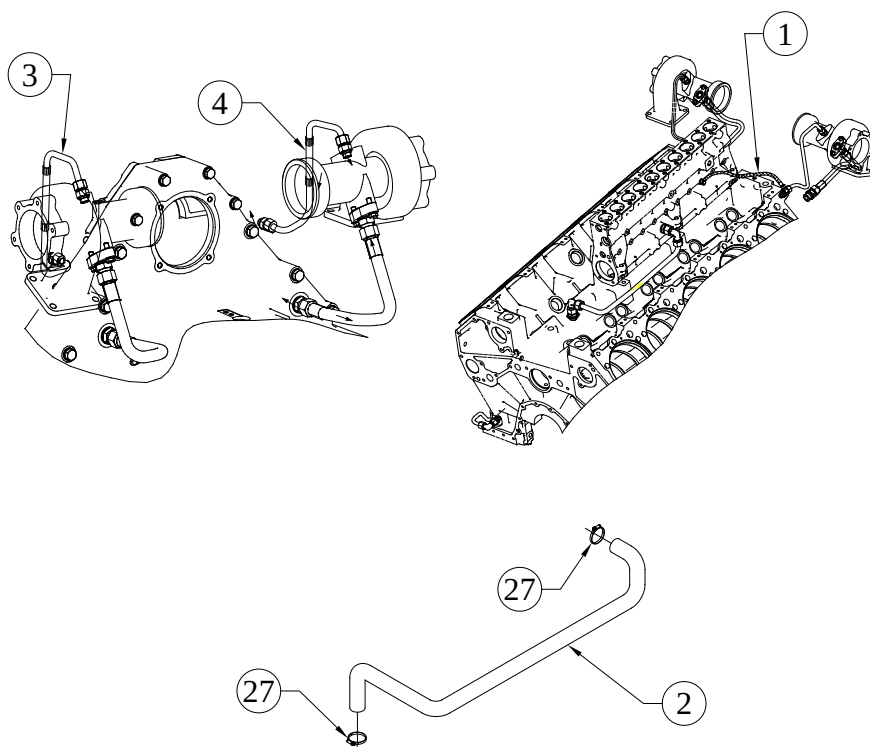
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV0.013.40.0.00	LUB OIL PUMP ASSEMBLY	1	CONSISTING OF SR. NO. 2 & 20, 21
*2	DV0.013.30.0.00	LUB OIL PUMP SUB-ASSEMBLY	1	CONSISTING OF SR. NO. 3 TO 19
3	DV0.013.08.0.00	INT.GEAR SUPPORT (FOR LUB OIL PUMP GEAR)	1	
4	DV8.013.07.0.00	INT. GEAR LOP	1	
5	DV0.013.22.0.00	BUSH FOR INT. GEAR. LOP	1	
6	DV0.013.12.0.00	WASHER (LUB OIL PUMP GEAR)	1	
7	50.052.14.075.	SET BOLT-M14X75-10.9	1	
8	DV2.013.10.0.00	LUB OIL PUMP BODY COVER SUB ASSLY	1	
9	DV0.013.20.0.00	LUB OIL PUMP BODY ASSEMBLY	1	
10	DV8.013.16.0.00	PUMPING GEAR (DRIVING)	1	
11	DV8.013.17.0.00	PUMPING GEAR (DRIVEN)	1	
12	50.401.08.016.	DOWEL PIN	2	
13	50.506.08.000.	PLAIN MACHINED WASHER - M8	8	
14	50.003.08.025.	SET SCREW - M8X1.25X25 - 8.8	8	

TITLE: - LUB OIL SUMP AND DIPSTICK**GROUP: - DV8.017.5**

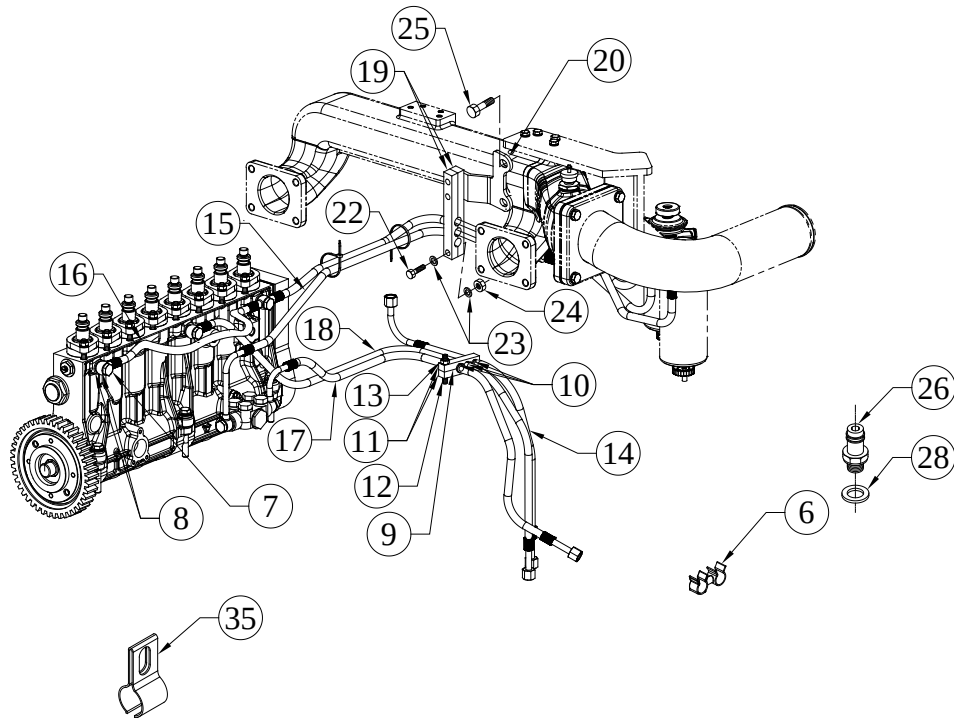
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV8.017.120.0.PR	LUB OIL SUMP WITH DIPSTICK (FABRICATED)	1	CONSISTING OF SR.NO.- 2 TO 7, 10, 11
2	DV8.017.09.0.00	LUB OIL SUMP (PRESSED)	1	
3	50.506.08.000.	PLAIN MACHINED WASHER - M8	36	
4	50.003.08.030.	SET SCREW - M8X1.25X30 - 8.8	34	
5	50.002.08.115.	SET BOLT - M8X1.25X115 - 8.8	2	
6	2H.035.02.0.00	PRECOATED DRAIN PLUG	1	
7	DV0.017.100.0.PR	DIPSTICK ASSLY WITH O-RING	1	CONSISTING OF SR.NO.- 8, 9
8	DV0.017.90.0.PR	DIPSTICK ASSLY	1	
9	DV0.017.07.0.00	O RING FOR DIPSTICK PLUG	2	
10	DV0.041.07.0.00	GASKET BETWEEN OIL SUMP AND CENTRIFUGE ADAPTOR	1	
11	F6.024.47.0.00	O - RING FOR DRAIN PLUG	2	

TITLE: - MICO ALTERNATOR MOUNTING**GROUP: - DV0.062.2**

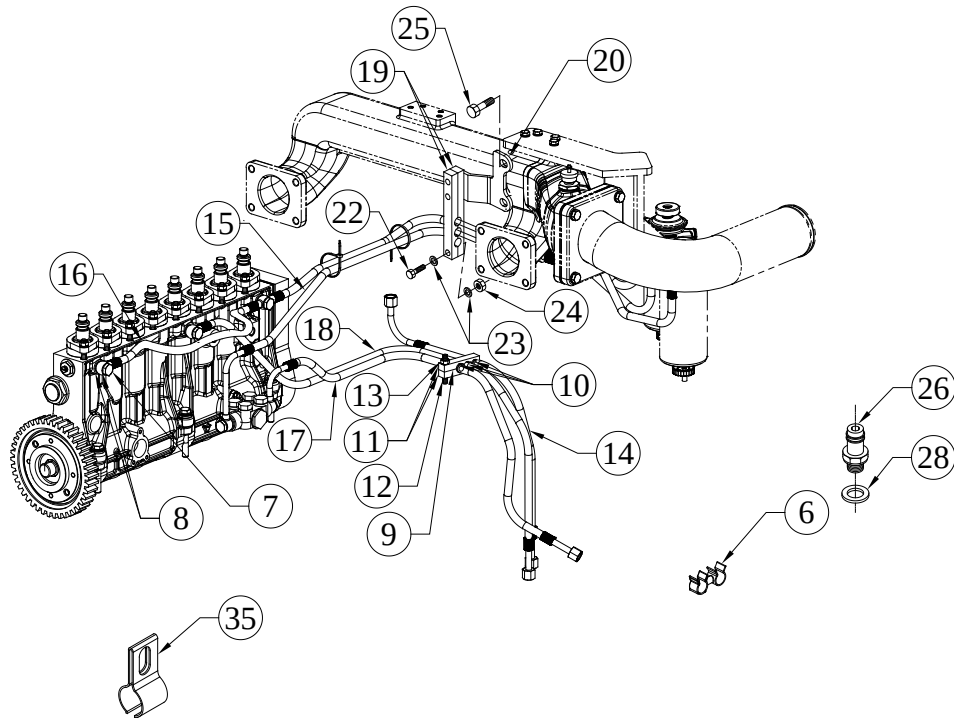
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV0.044.14.0.00	CHARGING ALTERNATOR BRACKET	1	
2	50.002.16.040.	SET BOLT - M16X2X40 - 8.8	2	
3	50.506.16.000.	PLAIN MACHINED WASHER - M16	2	
4	DV0.044.15.0.00	DOWEL BOLT FOR MICO ALTERNATOR	1	
5	50.506.10.000.	PLAIN MACHINED WASHER - M10	1	
6	50.006.10.000.	NUT - M10X1.5 - GR.8	1	
7	DV0.044.11.0.00	STUD FOR ALTERNATOR	1	
8	DV0.044.13.0.00	EYE BOLT (FOR ALTERNATOR)	1	
9	50.506.14.000.	PLAIN MACHINED WASHER - M14	2	
10	50.006.14.000.	NUT - M14X2 - GR.8.8	4	
11	50.002.12.070.	SET BOLT - M12X1.75X70 - 8.8	1	
12	50.506.12.000.	PLAIN MACHINED WASHER - M12	6	
13	50.006.12.000.	NUT - M12X1.75 - GR.8	4	
14	DV0.044.08.0.00	ALTERNATOR PULLEY	1	
15	DV0.044.04.0.00	DOWEL BUSH (FOR ALT.MTG. BRACKET)	1	
16	DV0.044.12.0.00	SWIVEL PIECE	1	

TITLE: - OIL & FUEL PIPINGS**GROUP: - DV8.069.17**

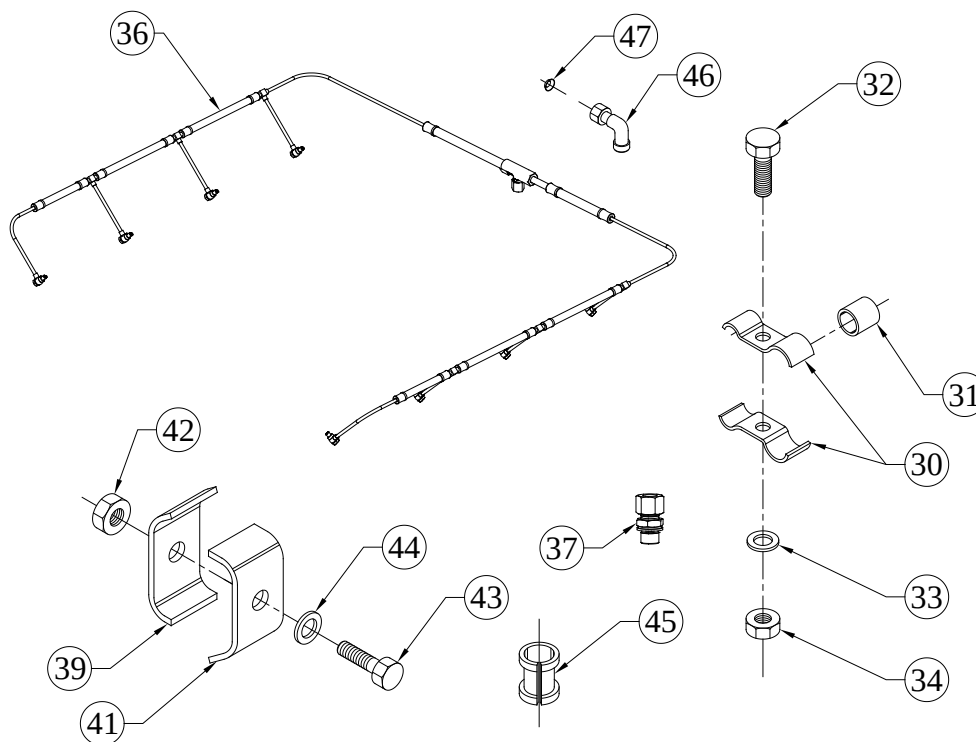
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV2.022.126.0.00	OIL SUPPLY PIPE (CRANKCASE TO FUEL PUMP IN)	1	
2	DV8.069.65.0.00	OIL DRAIN PIPE (FROM FIP TO CRANKCASE)	1	
3	DV0.032.38.0.00	OIL SUPPLY PIPE R.H. (FROM CRANKCASE TO TURBOCHARGER)	1	
4	DV0.032.39.0.00	OIL SUPPLY PIPE L.H. (FROM CRANKCASE TO TURBOCHARGER)	1	
*5	DV8.022.230.0.PR	FUEL PIPE ASSEMBLY	1	CONSISTING OF SR.NO. 6 TO 9,14 TO 25
6	DV0.022.86.0.00	CLAMP (2 PIPE)	4	
7	50.504.04.000.	BANJO BOLT - M14X1.5	9	
8	50.508.12.000.	COPPER WASHER (14X20)	25	
9	DV0.022.120.0.00	CLAMP ASSEMBLY FOR LOW PRESSURE 3 PIPE	1	CONSISTING OF SR.NO. 10 TO 13

TITLE: - OIL & FUEL PIPINGS**GROUP: - DV8.069.17**

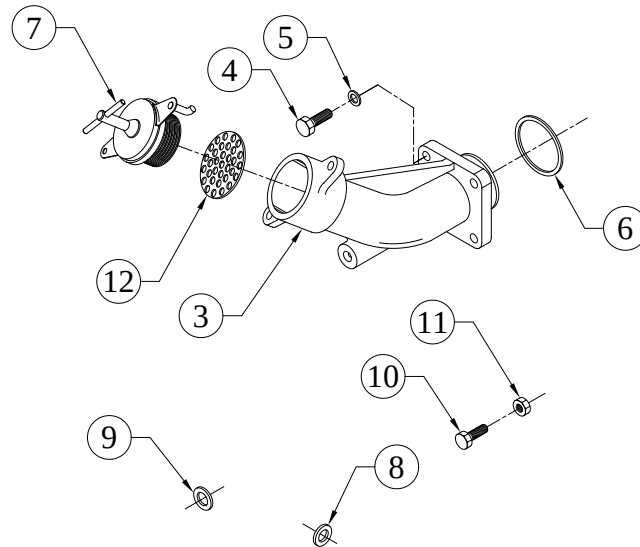
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
10	DV0.022.78.0.00	RUBBER SLEEVE FOR LOW PRESSURE 3 PIPE CLAMP	3	
11	DV0.022.77.0.00	CLAMP FOR LOW PRESSURE (3 PIPE)	2	
12	50.010.08.040.	STUD - M8X1.25X40 - 8.8	1	
13	50.006.08.000.	NUT- M8X1.25 - GR.8	1	
14	DV0.022.76.0.00	FUEL PIPE FOR NOZZLE LEAK OFF (FLEXIBLE)	1	
15	DV8.022.114.0.PR	FUEL PIPE (FEED PUMP TO FILTER)	1	
16	DV8.022.115.0.PR	FUEL PIPE (FUEL FILTER TO FUEL PUMP)	1	
17	DV8.022.103.0.00	FUEL PIPE (TANK TO FEED PUMP IN)	1	
18	DV8.022.74.0.00	FUEL PIPE FOR PUMP LEAK OFF (FLEXIBLE)	1	
19	DV8.022.116.0.PR	CLAMP (3P)	2	
20	DV8.022.117.0.PR	FUEL PIPE BRACKET	1	
21	4H.031.07.0.00	RUBBER SLEEVE	3	

TITLE: - OIL & FUEL PIPINGS**GROUP: - DV8.069.17**

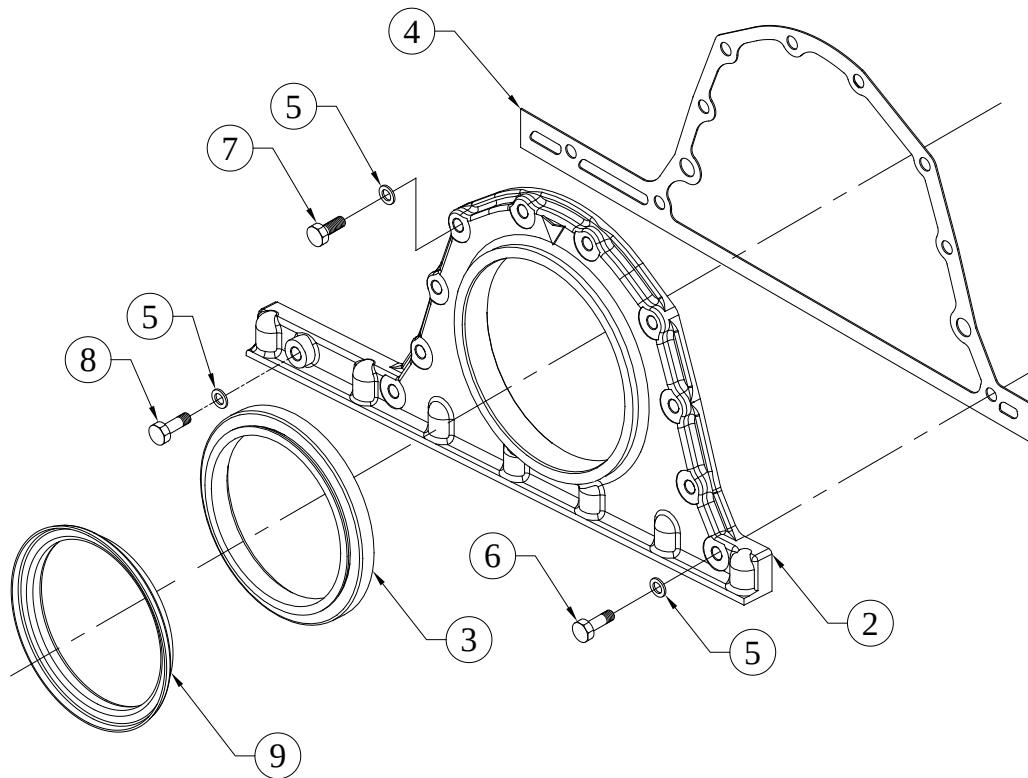
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
22	50.002.08.045.	SET BOLT - M8X1.25X45 - 8.8	3	
23	50.506.08.000.	PLAIN MACHINED WASHER - M8	6	
24	50.006.08.000.	NUT- M8X1.25 - GR.8	3	
25	50.002.10.050.	SET BOLT - M10X1.5X50 - 8.8	2	
26	DV0.069.47.0.00	ADAPTOR	2	
27	50.907.04.000.	WORM DRIVE HOSE CLIP (25 MM)	2	
28	50.508.12.000.	COPPER WASHER (14X20)	2	
*29	DV0.045.30.0.00	CLAMP ASSLY FOR LEAK OFF PIPE & H.P.PIPE	8	CONSISTING OF SR.NO. 30 TO 34
30	DV0.045.04.0.00	CLAMP FOR LEAK OFF PIPE & H.P.PIPE	1	
31	4H.031.07.0.00	RUBBER SLEEVE	1	
32	50.003.06.016.	SET SCREW - M6X1X16 - 8.8	1	
33	50.506.06.000.	PLAIN MACHINED WASHER - M6	1	
34	50.006.06.000.	NUT - M6X1 - GR.8	1	

TITLE: - OIL & FUEL PIPINGS**GROUP: - DV8.069.17**

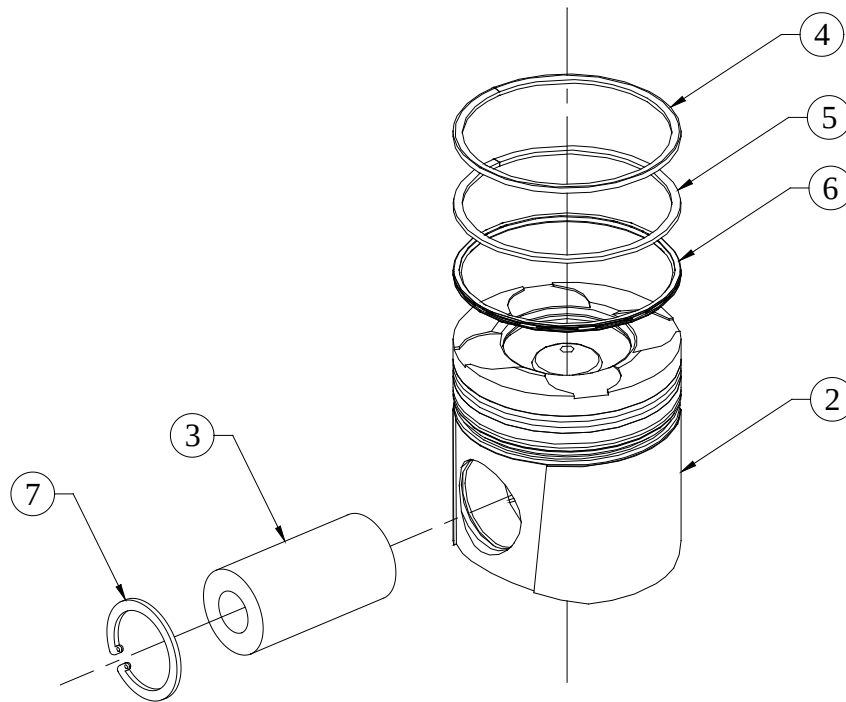
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
35	04.574.07.0.00	CLIP FOR LUB OIL INLET PIPE	1	
36	DV8.069.85.0.00	LEAK OFF PIPE (UNIFLEX)	1	
37	DV0.069.04.0.00	ADAPTOR (FOR FUEL PIPE)	6	
*38	4H.031.30.0.00	CLAMP ASSEMBLY(WITHOUT RUBBER SLEEVE)	1	CONSISTING OF SR.NO. 39,40,43,44
39	4H.031.06.0.00	CLAMP	1	
*40	4H.031.10.0.00	CLAMP SUB ASSLY	1	CONSISTING OF SR.NO.41,42
41	4H.031.06.0.00	CLAMP	1	
42	50.006.06.000.	NUT - M6X1 - GR.8	1	
43	50.003.06.025.	SET SCREW - M6X1X25 - 8.8	1	
44	50.506.06.000.	PLAIN MACHINED WASHER - M6	1	
45	4H.031.07.0.00	RUBBER SLEEVE	3	
46	DV0.022.06.0.00	ELBOW CONNECTION (M16X1.5)	1	
47	DV2.069.07.0.00	CONICAL COPPER WASHER	8	

TITLE: - OIL FILLING**GROUP: - DV8.041**

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV8.041.20.0.00	OIL FILLING MITG. ASSLY	1	CONSISTING OF SR. NO. 2 & 7 TO 12
*2	DV8.041.10.0.00	OIL FILLING MTG ASSLY	1	CONSISTING OF SR. NO. 3 TO 6
3	DV0.041.16.0.00	OIL FILLING PIPE	1	
4	50.003.08.025.	SET SCREW - M8X1.25X25 - 8.8	8	
5	50.506.08.000.	PLAIN MACHINED WASHER - M8	8	
6	DV0.041.17.0.00	`O' RING FOR OIL FILLING PIPE	2	
7	P2.039.07.0.00	CAP ASSLY. (LOCKABLE)	1	
8	50.506.08.000.	PLAIN MACHINED WASHER - M8	4	
9	50.508.14.000.	COPPER WASHER (16X22)	1	
10	50.003.06.030.	SET SCREW - M6X1X30 - 8.8	1	
11	50.006.06.000.	NUT - M6X1 - GR.8	1	
12	34.036.50.0.00	PERFORATED DISC.	1	

TITLE: - OILSEAL PULLEY END**GROUP: - DV0.012.3**

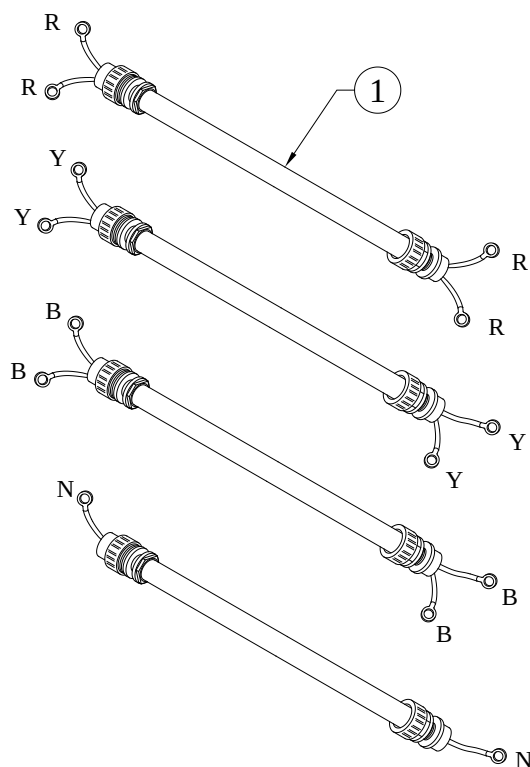
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV0.012.11.0.00	OIL SEAL HOUSING (SUB ASSY)	1	CONSISTING OF SR.NO. 2 TO 8
2	DV0.012.01.0.00	OIL SEAL HOUSING	1	
3	DV0.012.22.0.PR	OIL SEAL PULLEY END	1	
4	DV0.012.03.0.00	JOINT (FOR OIL SEAL HOUSING)	1	
5	50.506.08.000.	PLAIN MACHINED WASHER - M8	11	
6	50.002.08.040.	SET BOLT - M8X1.25X40 - 8.8	1	
7	50.003.08.030.	SET SCREW - M8X1.25X30 - 8.8	8	
8	50.002.08.035.	SET BOLT - M8X1.25X35 - 8.8	2	
10	DV0.012.08.0.PR	DEFLECTOR FOR PULLEY END	1	

TITLE: - PISTON**GROUP: - DV0.006.1**

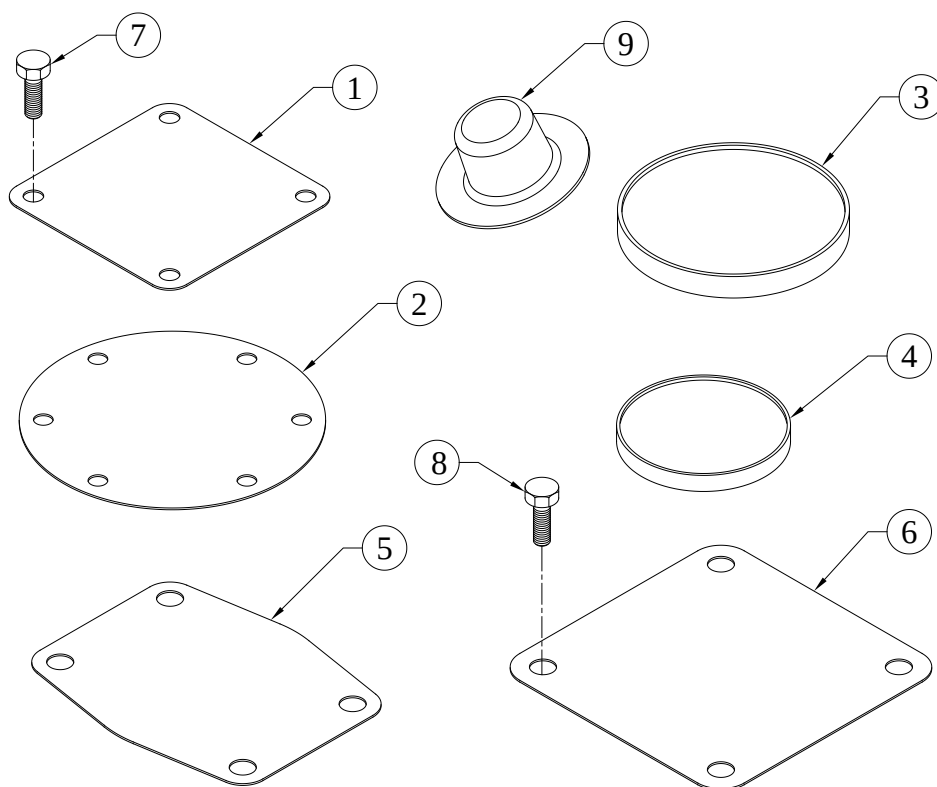
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV0.006.50.0.00	PISTON ASSEMBLY	1	CONSISTING OF SR. NO. 2 TO 7
2	DV0.006.01.0.00	PISTON (130 DIA)	1	
3	DV0.006.02.0.00	PISTON PIN	1	
4	DV0.006.03.0.00	TOP RING	1	
5	DV0.006.04.0.00	SECOND RING	1	
6	DV0.006.09.0.00	COIL SPRING LOADED BEVEL- EDGED OIL RING	1	
7	DV0.006.06.0.00	CIRCLIP(FOR PISTON)	2	

TITLE: - POWER CABLE

GROUP: - DV8.29PM.01



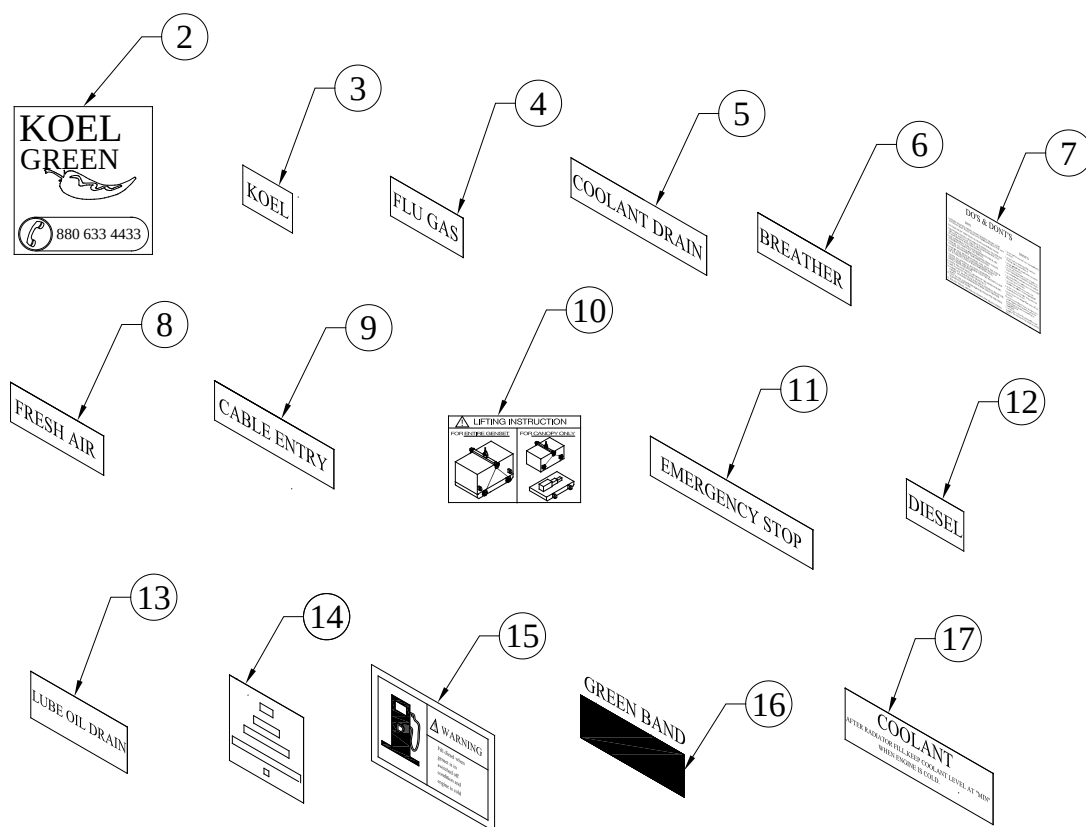
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	KL6.907.30.0.PR	POWER CABLE ASSEMBLY FOR 320 KVA	1	

TITLE: - PROTECTION CAP**GROUP: - DV8.075**

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV0.075.01.0.00	PLASTIC CAP (WATER INLET)	1	
2	DV8.075.09.0.00	PLASTIC 9 (TURBOCHARGER EXHAUST)	2	
3	DV0.075.03.0.00	PLASTIC CAP (TURBOCHARGER AIR INLET)	2	
4	DV0.075.04.0.00	PLASTIC CAP (THERMOSAT OUTLET)	1	
5	DV0.075.06.0.00	PLASTIC CAP (CAC OUTLET)	1	
6	DV0.075.07.0.00	PLASTIC CAP (CAP INLET)	1	
7	50.003.08.025.	SET SCREW - M8X1.25X25 - 8.8	4	
8	50.003.10.030.	SET SCREW - M10X1.5X30 - 8.8	8	
9	22.078.04.0.00	PLUG FOR BREATHER TUBE	1	

TITLE: - SET OF STICKERS

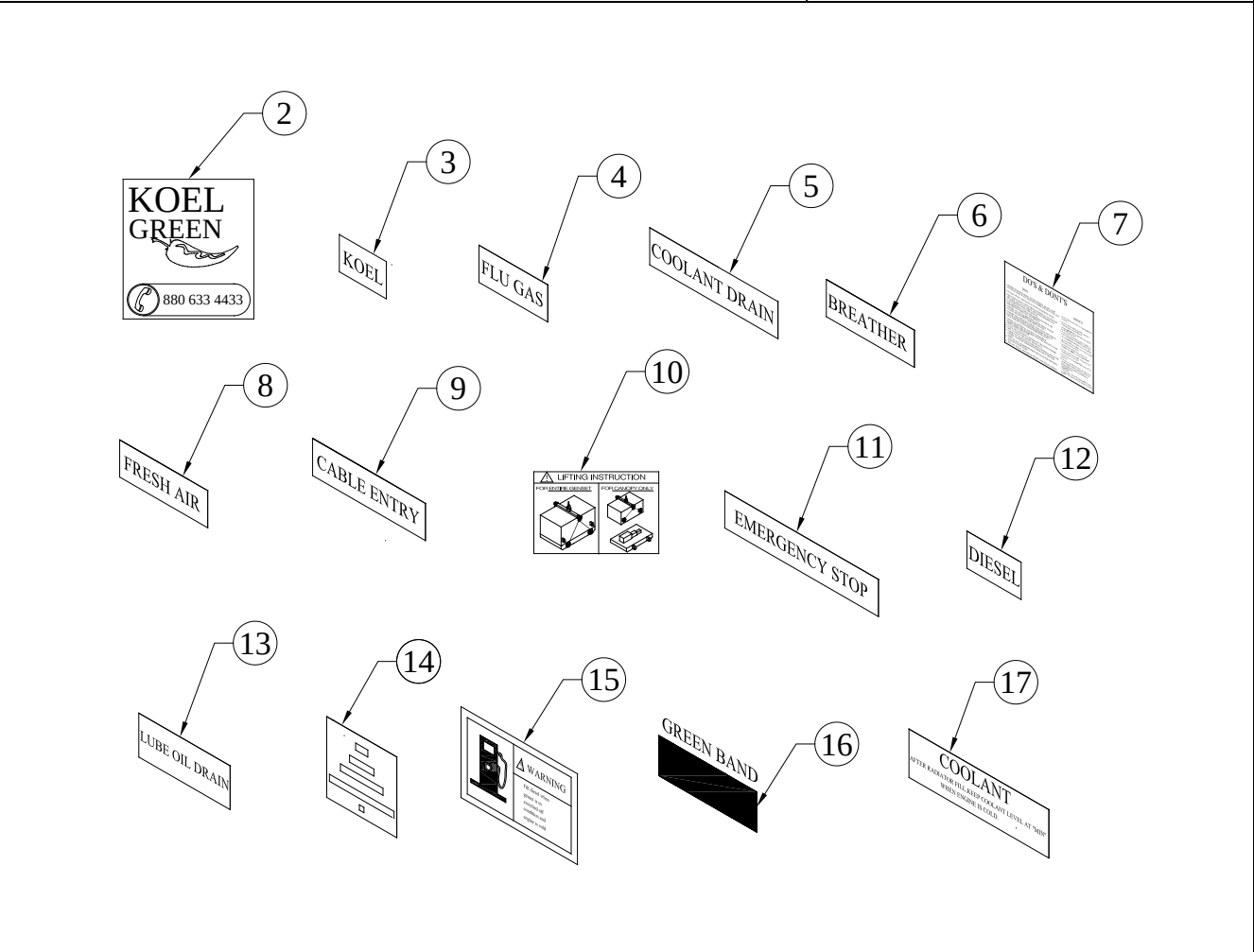
GROUP: - DV8.23PM.03



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV8.075.25.0.00	SET OF STICKERS FOR WATER COOLED ENGINES (ABOVE 320 KVA - DV SERIES)	1	CONSISTING OF SR.NO.- 2 TO 15
2	2H.075.31.0.00	STICKER FOR KOEL GREEN LOGO - B	2	
3	2H.075.33.0.00	KOEL (STICKER WORD)-B	4	
4	2H.181.04.0.00	FLUE GAS (STICKER WORD)	2	
5	2H.181.08.0.00	STICKER FOR "COOLANT DRAIN"	1	
6	2H.181.09.0.00	STICKER FOR "BREATHER"	1	
7	2H.181.26.0.00	STICKER FOR "DO'S AND DON'T'S"	1	
8	2H.181.13.0.00	STICKER FOR "FRESH AIR"	3	
9	2H.181.15.0.00	STICKER FOR "CABLE ENTRY"	1	
10	2H.181.24.0.00	STICKER FOR LIFTING INSTRUCTION	2	
11	38.065.04.0.00	STICKER FOR "EMERGENCY STOP"	1	
12	38.065.06.0.00	STICKER FOR "DIESEL"	1	
13	38.065.08.0.00	STICKER FOR "LUB OIL DRAIN"	1	
14	38.065.13.0.00	STICKER FOR "EARTHING"	2	
15	2H.075.51.0.PR	FUEL FILLING WARNING STICKER	1	

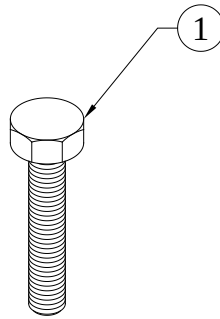
TITLE: - SET OF STICKERS	GROUP: - DV8.23PM.03
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GROUP: - DV8.23PM.03

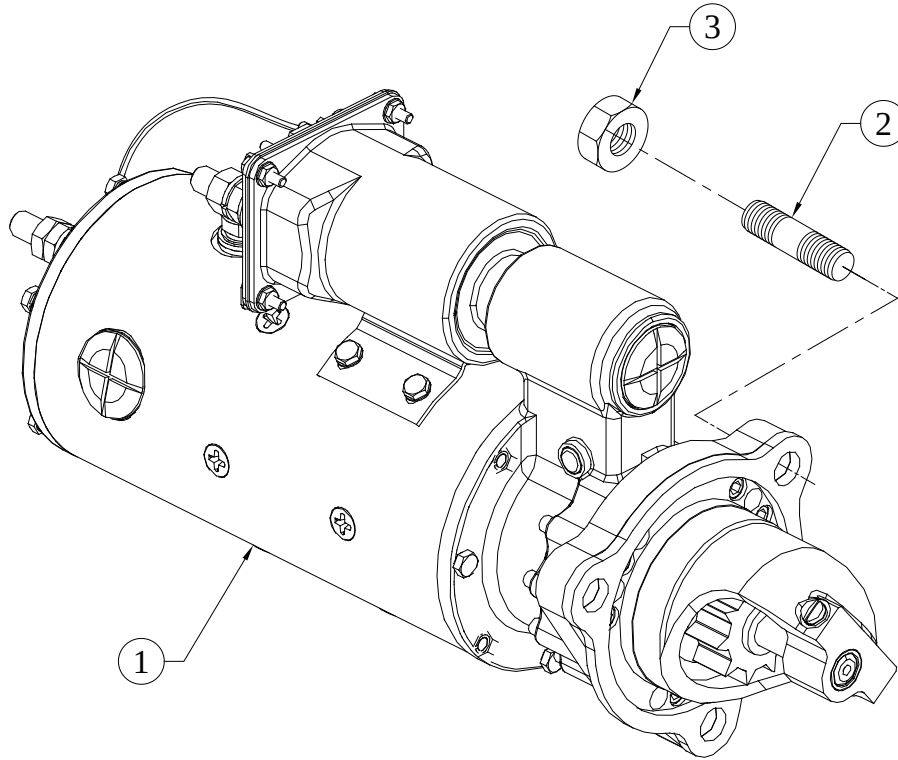
[illegible]

TITLE: -SET SCREW - M16X2X50 - 8.8

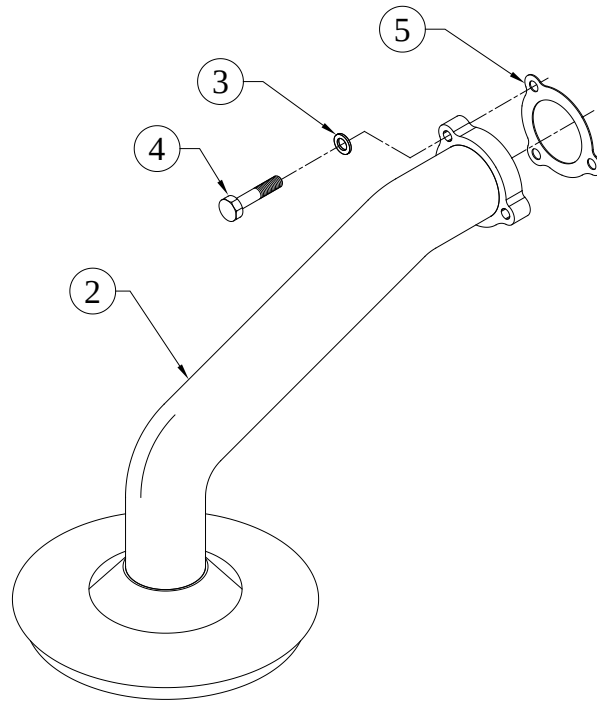
GROUP: - 50.003.16.050



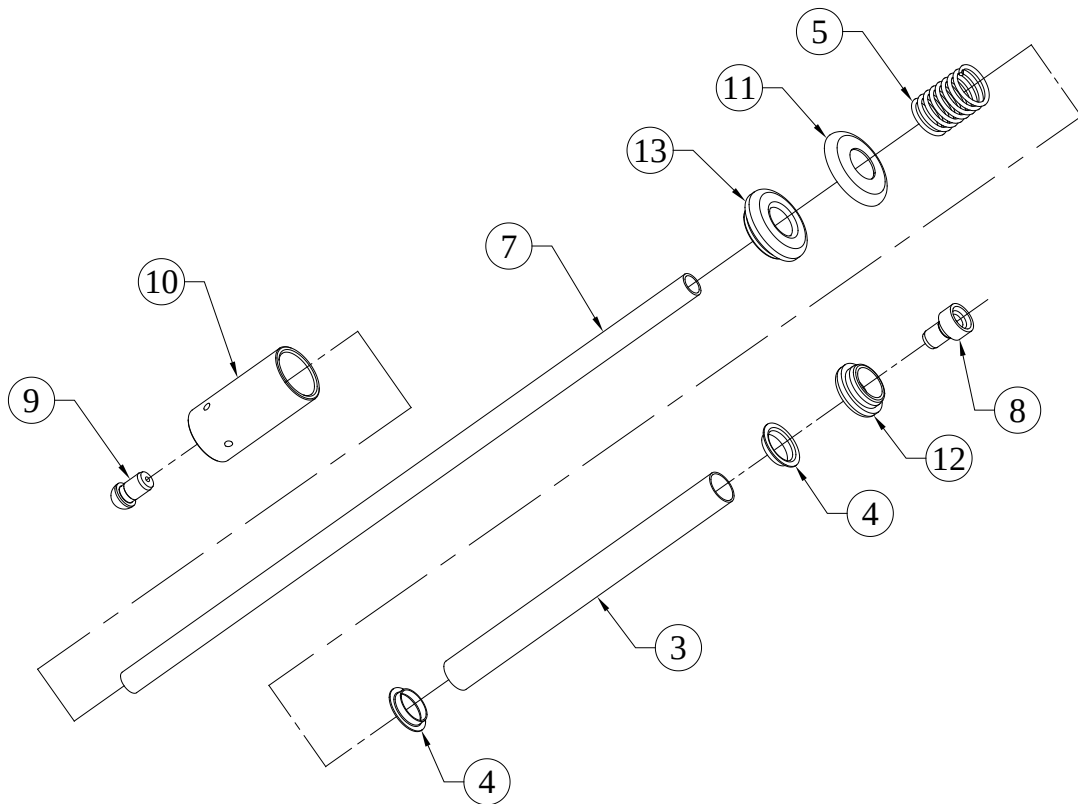
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	50.003.16.050	SET SCREW - M16X2X50 - 8.8	8	

TITLE: - STARTER MOUNTING ASSEMBLY**GROUP: - DV8.06PM.01**

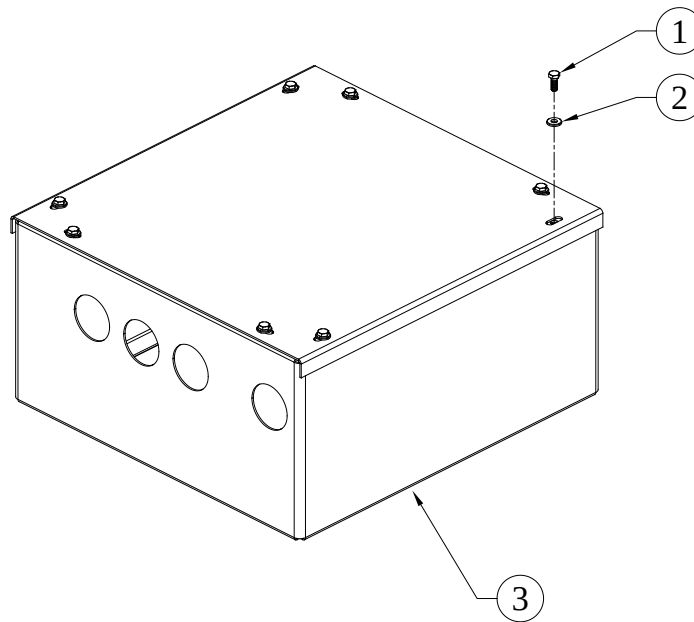
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV0.027.11.0.00	STARTER (DELCO REMY 50MT)	1	
2	DV0.027.03.0.00	SPECIAL STUD (FOR STARTER)	3	
3	4H.781.13.0.00	NYLOCK NUT FOR JCB LOGING (M14X 2)	3	

TITLE: - SUCTION TUBE**GROUP: - DV0.043**

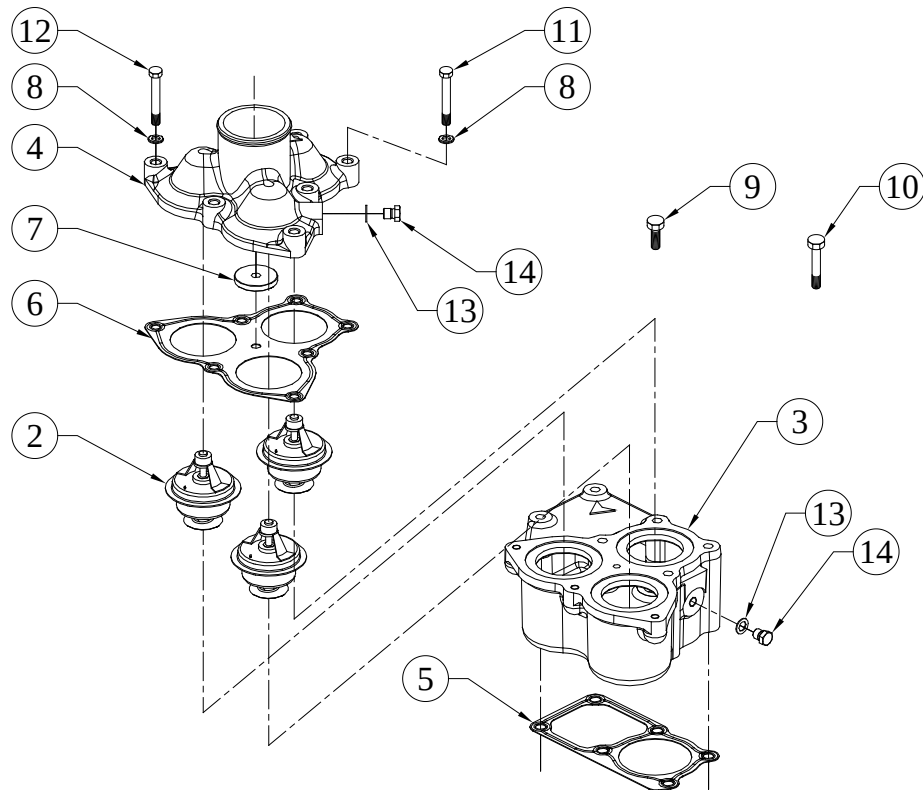
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV0.043.20.0.00	SUCTION TUBE ASM	1	CONSISTING OF SR. NO. 2 TO 5
2	DV0.043.10.0.00	SUCTION TUBE (SUB ASSLY)	1	
3	50.506.08.000.	PLAIN MACHINED WASHER - M8	3	
4	50.002.08.035.	SET BOLT - M8X1.25X35 - 8.8	3	
5	DV0.043.05.0.00	JOINT (FOR SUCTION TUBE FLANGE)	1	

TITLE: - TAPPET AND PUSH ROD TUBE**GROUP: - DV0.018**

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV0.018.30.0.00	PUSH ROD TUBE & ROD	1	CONSISTING OF SR.NO. 2 TO 6
*2	DV0.018.20.0.00	ASSLY PUSH ROD COVER TUBE	1	CONSISTING OF SR.NO. 3 TO 5
3	DV0.018.05.0.00	PUSH ROD COVER TUBE	1	
4	34.011.03.0.00	COLLAR	2	
5	02.024.04.0.00	SPRING	1	
*6	DV0.018.10.0.00	PUSH ROD ASSEMBLY	1	CONSISTING OF SR.NO. 7 TO 9
7	DV0.018.02.0.00	PUSH ROD	1	
8	DV0.018.03.0.00	PUSH ROD SOCKET	1	
9	DV0.018.04.0.00	PUSH ROD TOE	1	
10	DV0.018.01.0.00	TAPPET	1	
11	34.011.02.0.00	CUP FOR P R TUBE	1	
12	34.011.06.0.00	RUBBER BUSH (TOP)	1	
13	DV0.018.11.0.00	RUBBER BUSH (BOTTOM)	1	

TITLE: - TERMINAL BOX**GROUP: - DV8.09PM.19**

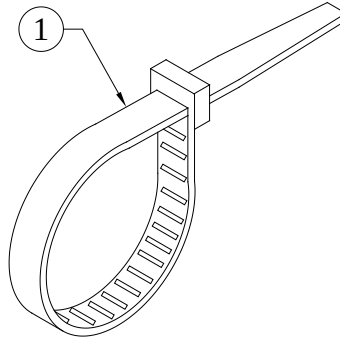
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	50.003.06.016.	SET SCREW - M6X1X16 - 8.8	8	
2	50.548.06.000.	WASHER	8	
3	DV8.856.17.0.PR	DV8 TERMINAL BOX SUITABLE MECCALTE ALTERNATOR	1	

TITLE: - THERMOSTAT HOUSING**GROUP: - DV0.015**

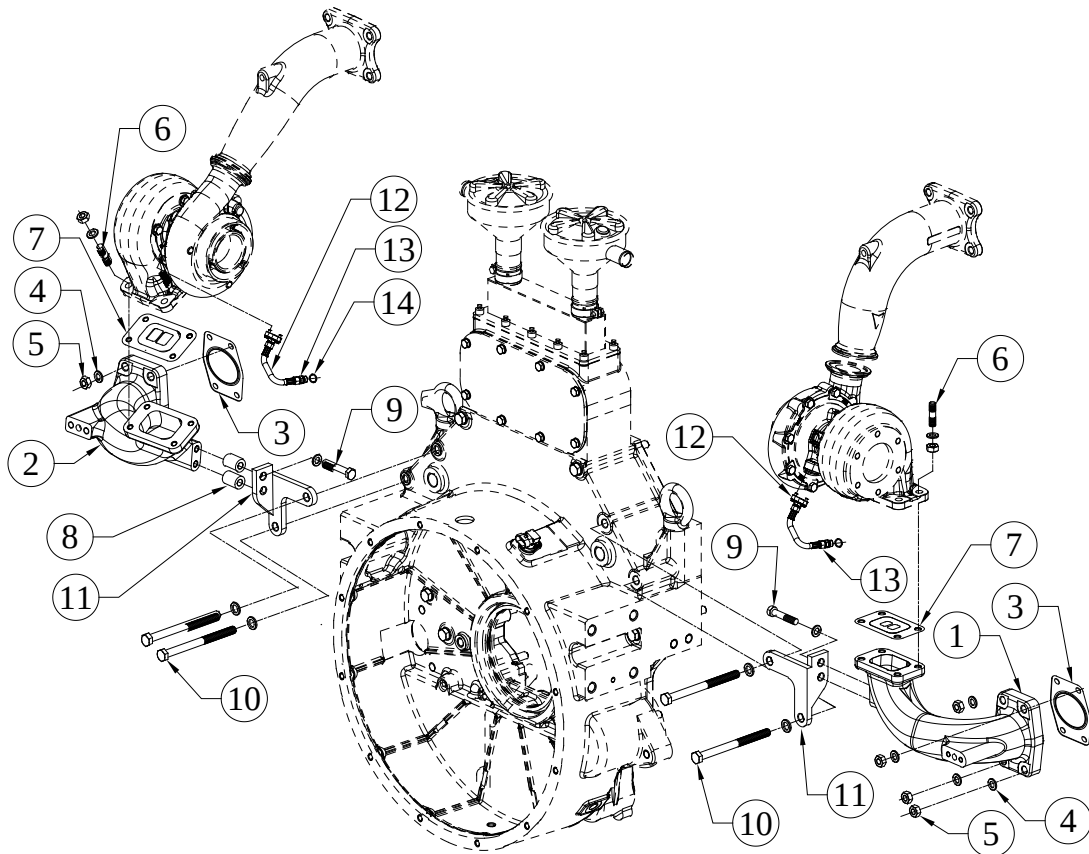
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	DV0.015.10.0.00	THERMOSTAT HOUSING ASSLY	1	CONSISTING OF SR. NO. 2 TO 14
2	DV0.015.01.0.00	THERMOSTAT ELEMENT	3	
3	DV0.015.02.0.00	THERMOSTAT HOUSING	1	
4	DV0.015.03.0.00	THERMOSTAT HOUSING COVER	1	
5	DV0.015.05.0.00	JOINT (FOR THERMOSTAT HOUSING)	1	
6	DV0.015.06.0.00	GASKET (FOR THERMOSTAT COVER)	1	
7	DV0.015.07.0.00	WASHER (FOR THERMOSTAT HOUSING ASSLY)	1	
8	50.506.08.000.	PLAIN MACHINED WASHER - M8	10	
9	50.003.08.016.	SET SCREW - M8X1.25X16 - 8.8	1	
10	50.002.08.125.	SET BOLT - M8X1.25X125 - 8.8	1	
11	50.002.08.105.	SET BOLT - M8X1.25X105 - 8.8	2	
12	50.002.08.130.	HEXAGONAL HEADED BOLT - M8 X 130L	3	
13	50.508.08.000.	COPPER WASHER (10X16)	1	

**TITLE: - TIE WRAP 100 MM LENGTH
(QTY. AS REQUIRED)**

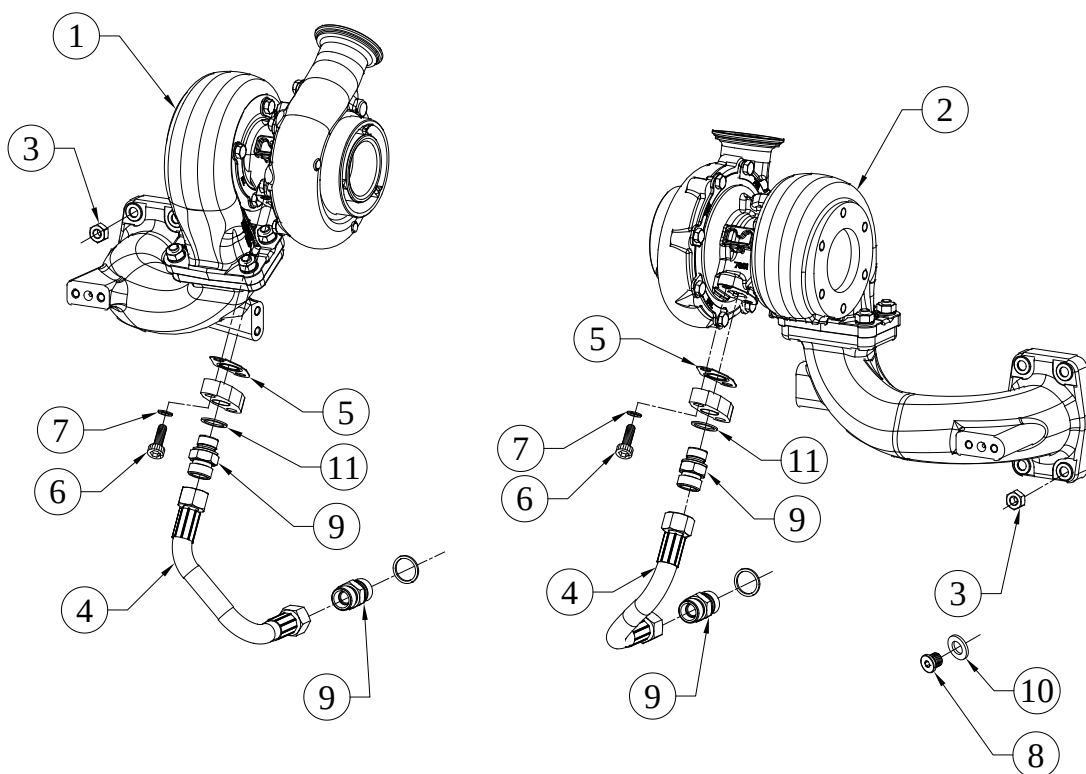
GROUP: - 3H.905.06.0.00



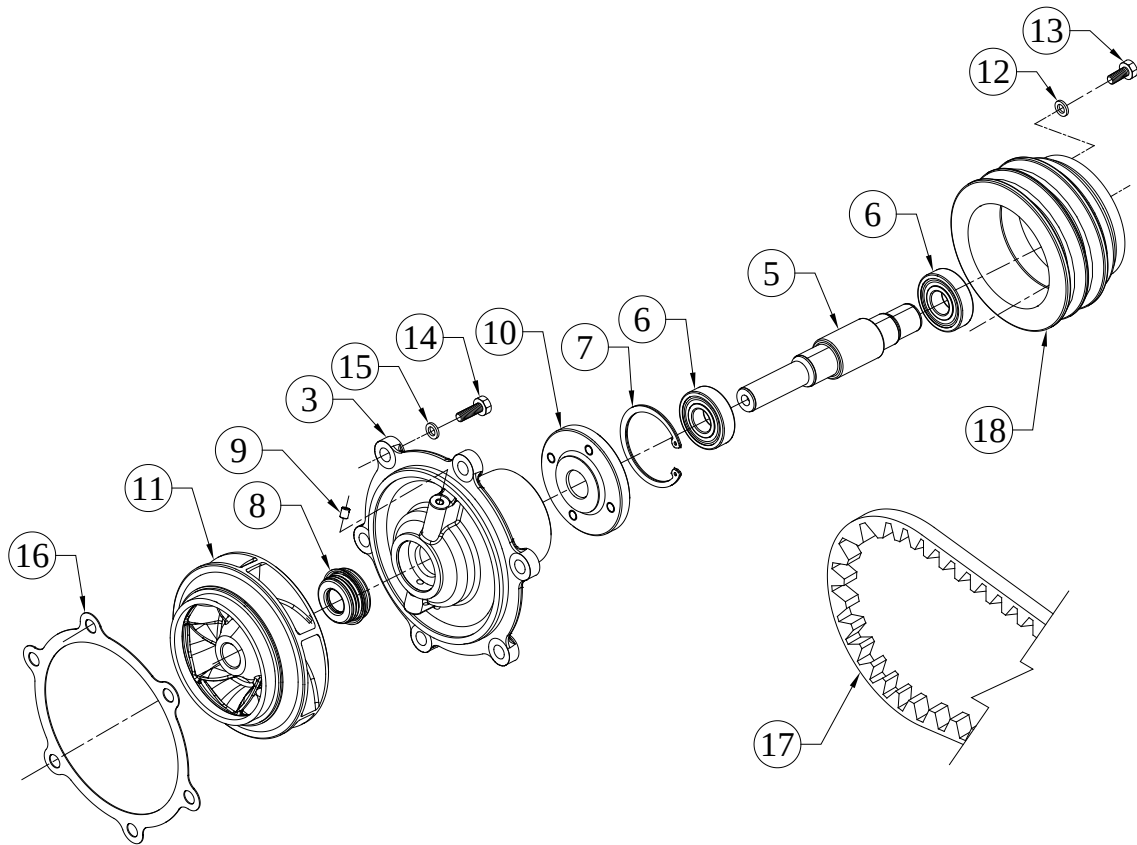
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	3H.905.06.0.00	TIE WRAP 100 MM LENGTH (QTY. AS REQUIRED)	25	

TITLE: - TURBO ADAPTOR (LH AND RH)**GROUP: - DV8.034.3**

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV8.032.18.0.00	TURBO ADAPTOR (R.H. FROM F.W. END)	1	
2	DV8.032.33.0.PR	TURBO ADAPTOR (LH FROM G.E.)	1	
3	DV0.024.06.0.00	JOINT (BET.EXH.MANI. AND ADAPTOR)	2	
4	50.506.10.000.	PLAIN MACHINED WASHER - M10	8	
5	T4.122.41.0.PR	NUT - M10X1.5 - GRADE 10	8	
6	T4.122.32.0.PR	STUD (M10 X 25)	22	
7	F6.377.09.0.00	JOINT FOR TURBO INLET	2	
8	DV8.032.34.0.PR	SPACER (FOR TURBO ADAPTOR)	2	
9	50.002.10.040.	SET BOLT - M10X1.5X40 - 8.8	2	
10	50.002.12.160.	SET BOLT - M12X1.75X160 - 8.8	4	
11	DV8.032.05.0.PR	BRACKET FOR TURBO ADAPTOR RH FROM G.E.	2	
12	DV0.032.43.0.PR	TURBO DRAIN PIPE	2	
13	DV0.032.44.0.PR	ADAPTOR (M30x1.5 BOTH SIDE)	2	
14	50.508.34.000.	COPPER WASHER (30X36)	2	

TITLE: - TURBOCHARGER AND MOUNTING**GROUP: - DV8.032**

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	DV8.032.31.0.00	LEFT BANK TURBOCHARGER (VIEWED FROM FLYWHEEL) FOR DV8 ENGINE	1	
2	DV8.032.32.0.00	RIGHT BANK TURBOCHARGER (VIEWED FROM FLYWHEEL) FOR DV8 ENGINE	1	
3	T4.122.41.0.PR	NUT - M10X1.5 - GRADE 10	8	
4	DV0.032.43.0.PR	TURBO DRAIN PIPE	2	
5	DV0.032.06.0.00	JOINT (FOR FLANGE) FOR T/C LUB OIL OUTLET PIPE	2	
6	50.011.08.025.	SOCKET HEAD SCREW - M8X1.25X25 - 8.8	4	
7	50.506.08.000.	PLAIN MACHINED WASHER - M8	4	
8	50.610.14.000.	CORE PLUG-HEXAGONAL SOCKET HEAD (DIN-908)	1	
9	DV0.069.04.0.00	ADAPTOR (FOR FUEL PIPE)	5	
10	50.508.13.000.	COPPER WASHER (16X20)	1	
11	50.508.12.000.	COPPER WASHER (14X20)	6	

TITLE: - WATER PUMP**GROUP: -DV0.016**

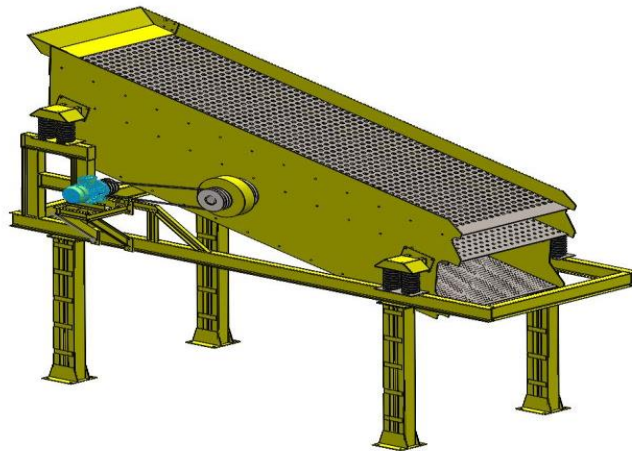
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
13	50.003.08.020.	SET SCREW - M8X1.25X20 - 8.8	4	
14	50.003.10.025.	SET SCREW - M10X1.5X25 - 8.8	6	
15	50.506.10.000.	PLAIN MACHINED WASHER - M10	7	
16	DV0.016.09.0.00	JOINT - BETWEEN WATER PUMP HSG AND HEADER	1	
17	DV0.016.08.0.00	BELT V SECTION (BX 58- PITCH LENGTH 1520)	1	
18	DV0.016.21.0.00	WATER PUMP PULLEY (115 PCD)	1	



AKONA ENGINEERING PVT LTD.

4

*SPECIAL MAINTENANCE TOOL
OF
AKONA MAKE
STONE CRUSHER
MODEL:-ASC-ST 50S
CAPACITY:-50 TPH*



AKONA ENGINEERING PVT LTD.

H.O.:- A-455, HINDON VIHAR, MEERUT ROAD GHAZIABABD-201001 (U.P) INDIA

MFG. UNIT - :- PLOT NO.-219, VILLAGE -RAIPUR, TEHSIL BHAGWANPUR, ROORKEE-247661 (U.Kh.)

MOB:- +91-9891949701, +91-9958695766

SERVICE MAIL :- as_tender@akonaindia.com

Web:- www.akonaindia.com

To be supplied free of cost with each stone crusher plant capacity 50 TPH
Model –ASC- ST 50S

S.No	DESCRIPTION	QTY.	REMARK
1	Spanner set	Set-01	Any reputed Make
2	Continuity Electrical Tester	Each-01	Do
3	Hand Grease Gun	Each-01	Do
4	Oil Crane Lubricating	Each-01	Do
5	Plier	Each-01	Do
6	CSD 8"	Each-01	Do



AKONA ENGINEERING PVT LTD.

5

*LUBRICATION CHARTS FOR COMPLETE
EQUIPMENT
FOR
AKONA MAKE
STONE CRUSHER
MODEL:-ASC- ST 50S
CAPACITY:-50 TPH*



AKONA ENGINEERING PVT LTD.

H.O.:- A-455, HINDON VIHAR, MEERUT ROAD GHAZIABABD-201001 (U.P) INDIA

MFG. UNIT - :- PLOT NO.-219, VILLAGE -RAIPUR, TEHSIL BHAGWANPUR, ROORKEE-247661 (U.Kh.)

MOB:- +91-9891949701, +91-9958695766

SERVICE MAIL :- as_tender@akonaindia.com

Web:- www.akonaindia.com

RECOMMENDED LUBRICATION
Oil & Lubricant

1. Gear Box Oil No. 460/320
2. Engine Oil 20W40
3. Grease AP3 (General Purpose) make Shell

Lubrication point schedule

1. Jaw Crusher: - Full in starting then mix oil Grease in ratio 1:2 respectively –twice a week and regular check every second day skipping one day.
2. Vibration Screen: - full in starting then mix oil grease in ratio 1:2 respectively twice in a week and regular check every second day skipping one day.
3. Gera Box: - Full in starting then check every 3 months gear oil.

AKONA MAKE: STONE CRUSHER ASC- ST 50S
LUBRICATION CHART

S. NO.	PARTICULAR	DAILY	WEEKLY	MONTHLY (200HRS.)	1000 HRS.
1	Engine oil (Change)			✓	✓
2	Engine Check	Visually			
3	Engine Oil filling			✓	
4	Engine Oil (Change)			✓	✓
5	Greasing (bracket bearing)		✓		
6	Greasing Bearing (stock)		✓		
7	Clean jaw chamber	✓	✓		
8	Check the water radiator	✓		✓	
9	Check the coolant		✓	✓	
10	Jaw Crusher	✓			
11	Vibrating Screen	✓			

AKONA MAKE: STONE CRUSHER ASC- ST 50S
PERIODIC MAINTENANCE CHART

S. NO.	MAINTENANCE POINT	DAILY	50 HRS.	200 HRS.	500 HRS.	1000 HRS.
1	Fasteners checking	✓				
2	Electrical connection for engine panel		✓			
4	Discharge chute	✓				
6	Belt alignment		✓			
7	V-belt replacement				✓	
8	spring change				✓	
9	jaw plates					✓
10	V- Belt setting		✓			
11	Water of radiator			✓		
12	engine service				✓	
13	Engine filter cleaning		✓			
15	Pulleys replacement					✓