



ESCORTS CONSTRUCTION EQUIPMENT

HD-85

PARTS CATALOGUE



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IMPORTANT

Information Contained in this parts catalogue was correct upto the time of printing (Issue date of parts catalogue). Any changes after this date will only be included in the next upto date of parts catalogue.

Illustrations in this parts catalogue are pictorial representation of the component and are not drawn to scale.

USER'S COMMENT FORM

Should You, as user of this parts catalogue, have any suggestion for improving the parts catalogue, or you find any errors or omissions, then would like to know.

Please complete a facsimile of this form and hand it in to your nearest ESCORTS CONSTRUCTION EQUIPMENT Product Support Representative or post it directly to your nearest CONSTRUCTION EQUIPMENT branch.

YOUR COMMENTS, SUGGESTION, OR QUERIES:

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DOCUMENT/ SERIAL NUMBER:
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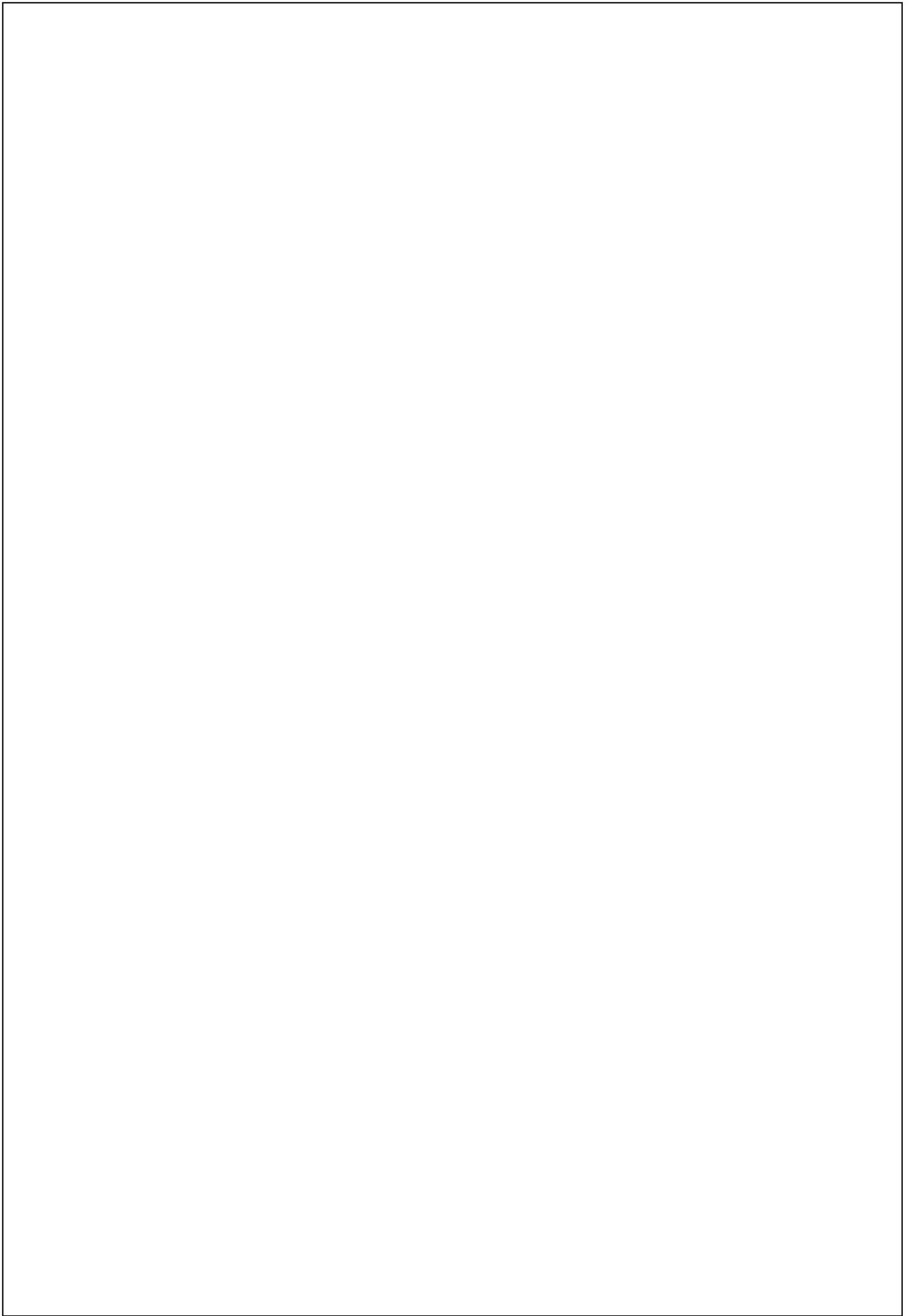


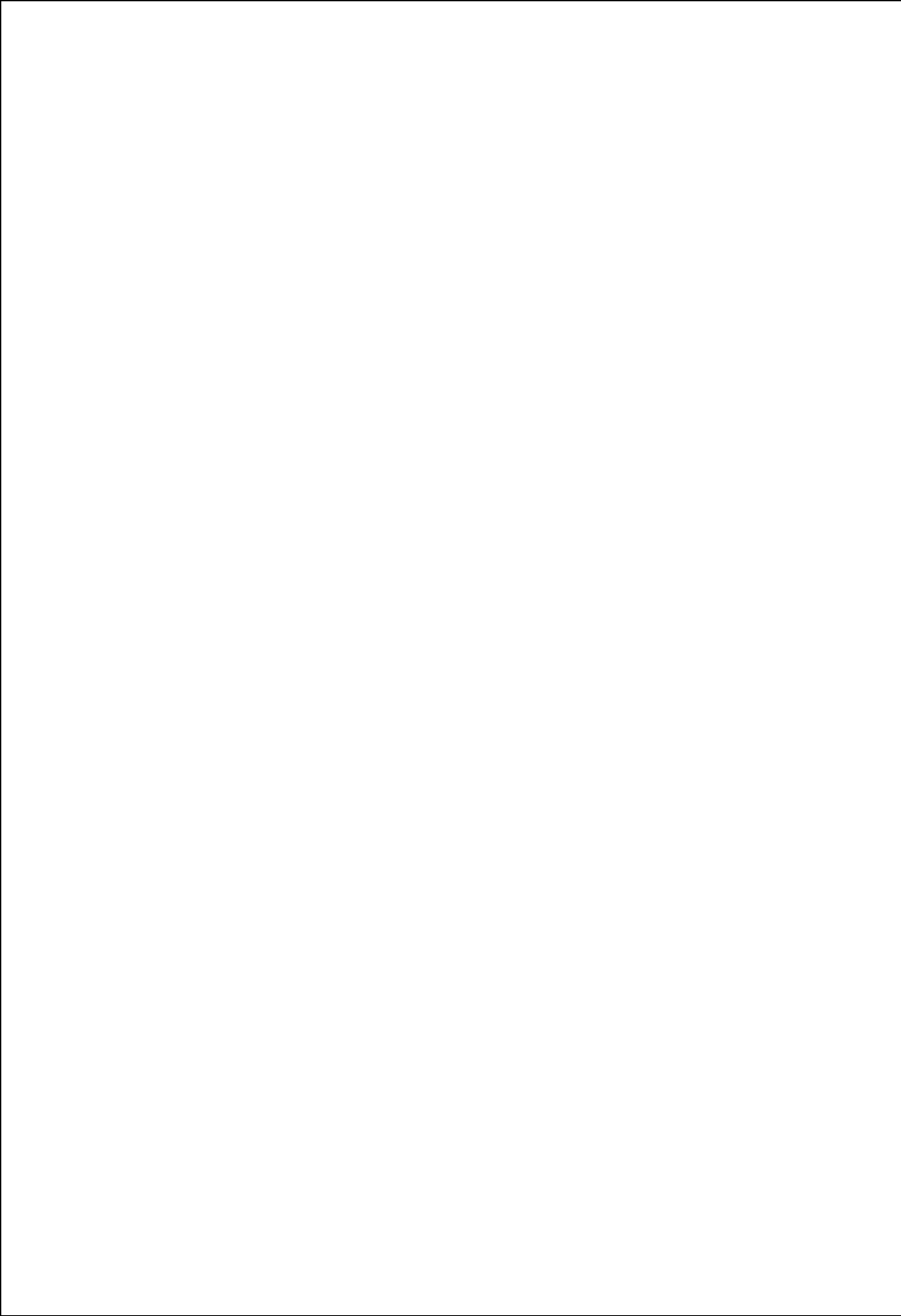
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ENGINE STD



**ILLUSTRATED SPARE PART LIST
FOR**

**HA494T-BS-III ENGINE
FOR COMPACTOR
A/C – ECEL**

**APPLICATION CODE NO.
04.3502**

KIRLOSKAR OIL ENGINES LIMITED

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Tel.: +91 (20) 2581 0341, 2581 5341. Fax: +91 (20) 2581 3208, 2581 0209.
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GROUP INDEX
APPLICATION CODE 04.3502

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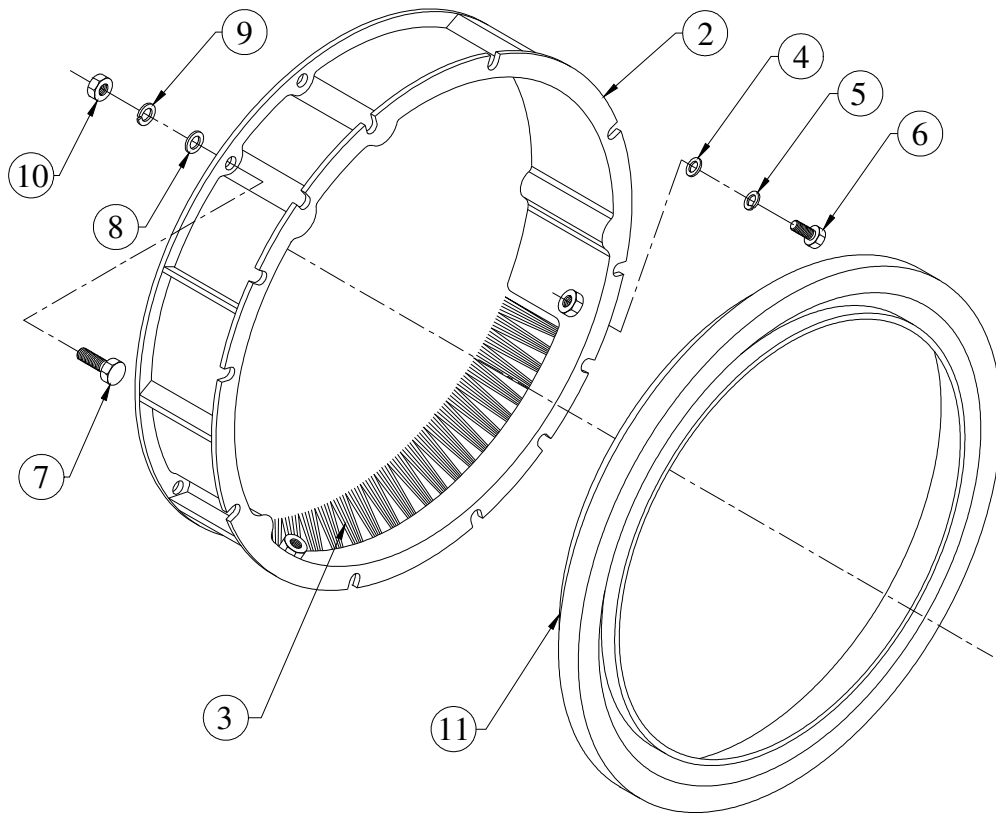
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NOTE: - AS CONTINUOUS IMPROVEMENTS ARE CONTEMPLATED THE ILLUSTRATION AND DESCRIPTIONS ARE NOT BINDING.

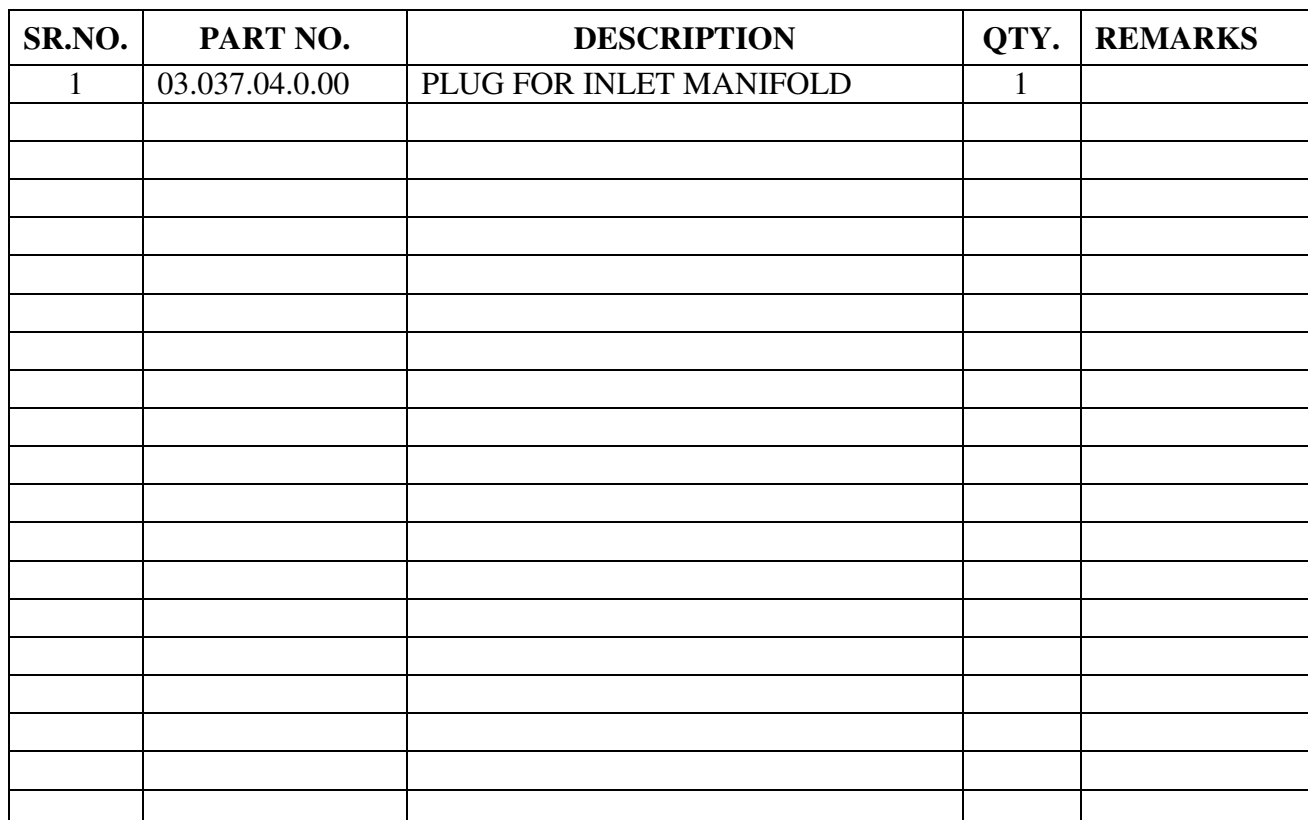
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**TITLE:- AIR GUIDE RING WITH RUBBER STRIP
& BRU**

GROUP:- 04.362



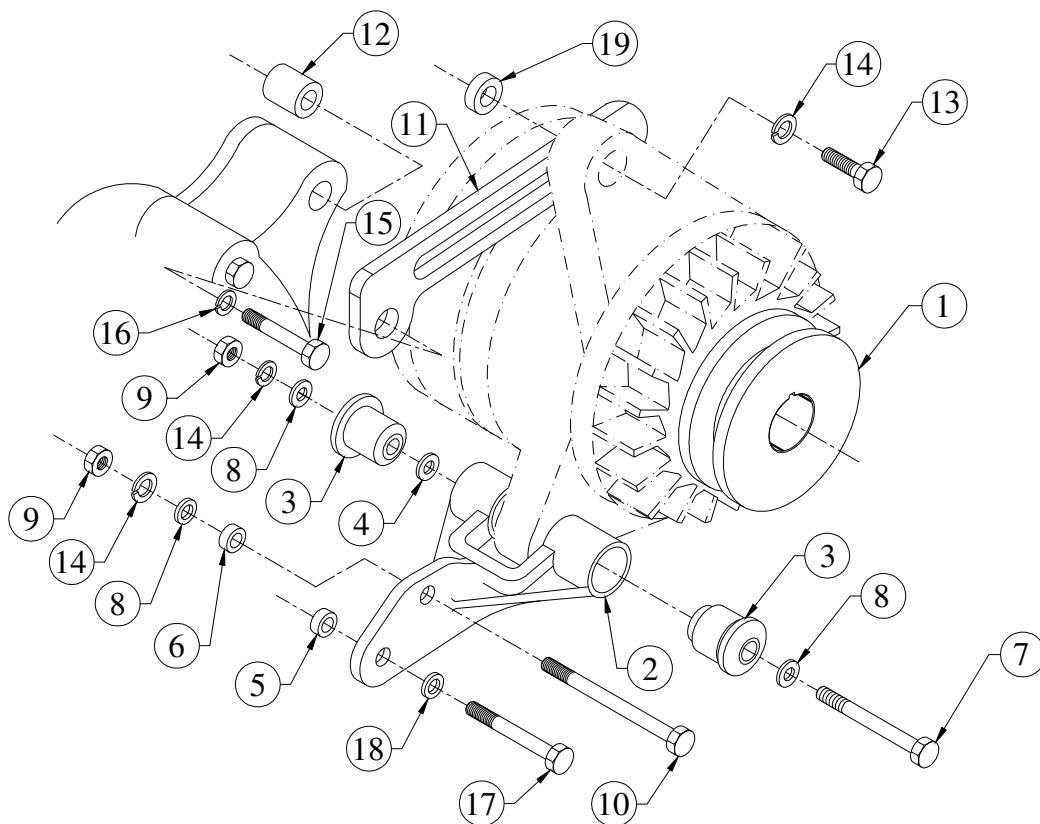
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*1	04.362.10.0.00	ASSLY AIR GUIDE RING & BRUSH (S/F RUBR STRP	1	CONSISTING OF SR. NO. 2 TO 6
2	04.362.01.0.00	AIR GUIDE RING SF RUBBER STRIP	1	
3	02.130.02.0.00	BRUSH FOR AIR GUIDE RING	1	
4	50.548.06.000	WASHER	2	
5	50.505.06.000	SPRING WASHER - M6	2	
6	50.003.06.016	SET SCREW - M6X1X16 - 8.8	2	
7	50.003.06.025	SET SCREW - M6X1X25 - 8.8	3	
8	50.506.06.000	PLAIN MACHINED WASHER - M6	3	
9	50.505.06.000	SPRING WASHER - M6	3	
10	50.006.06.000	NUT - M6X1 - GR.8	3	
11	04.362.03.0.00	RUBBER SEALING RING (FOR AIR GUIDE RING)	1	



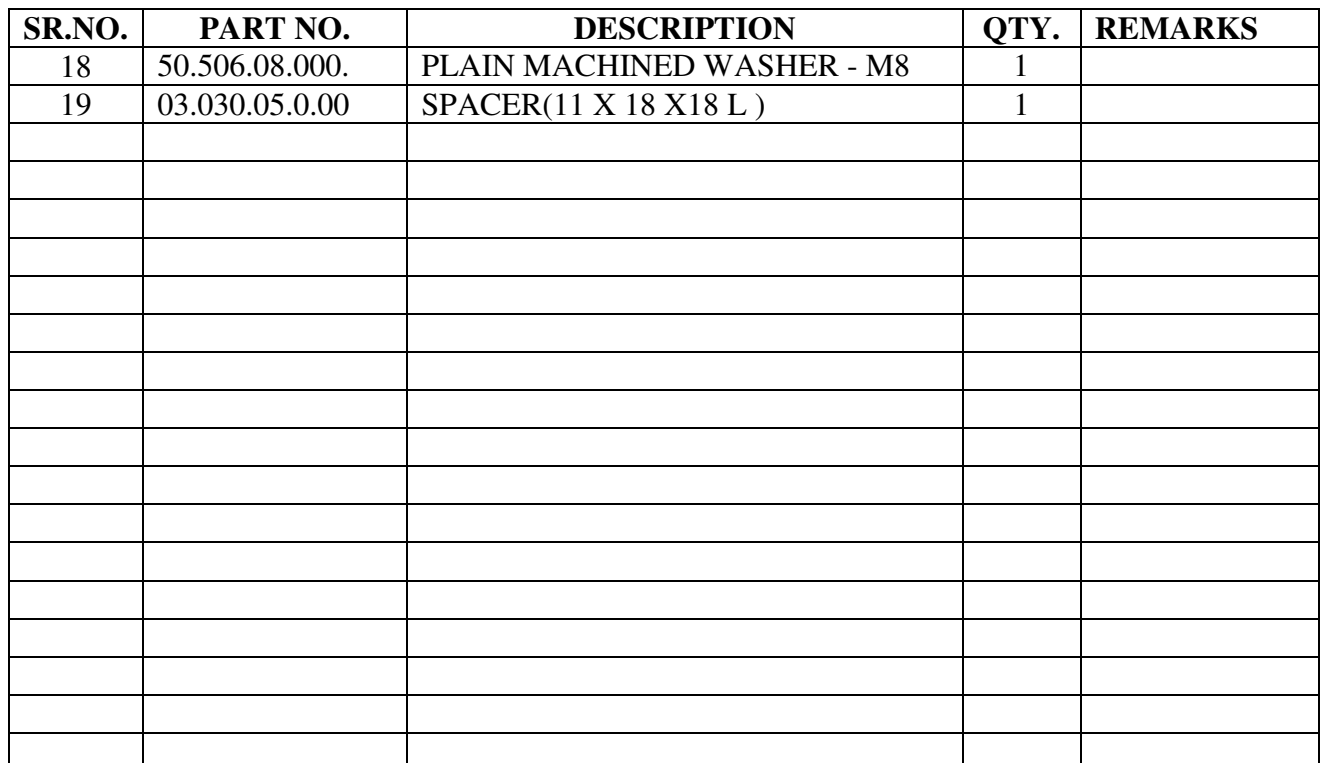
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TITLE: - ALTERNATOR MTG.12V SINGLE GROOVE SPZ ALT PULLEY

GROUP: - 03.149.5

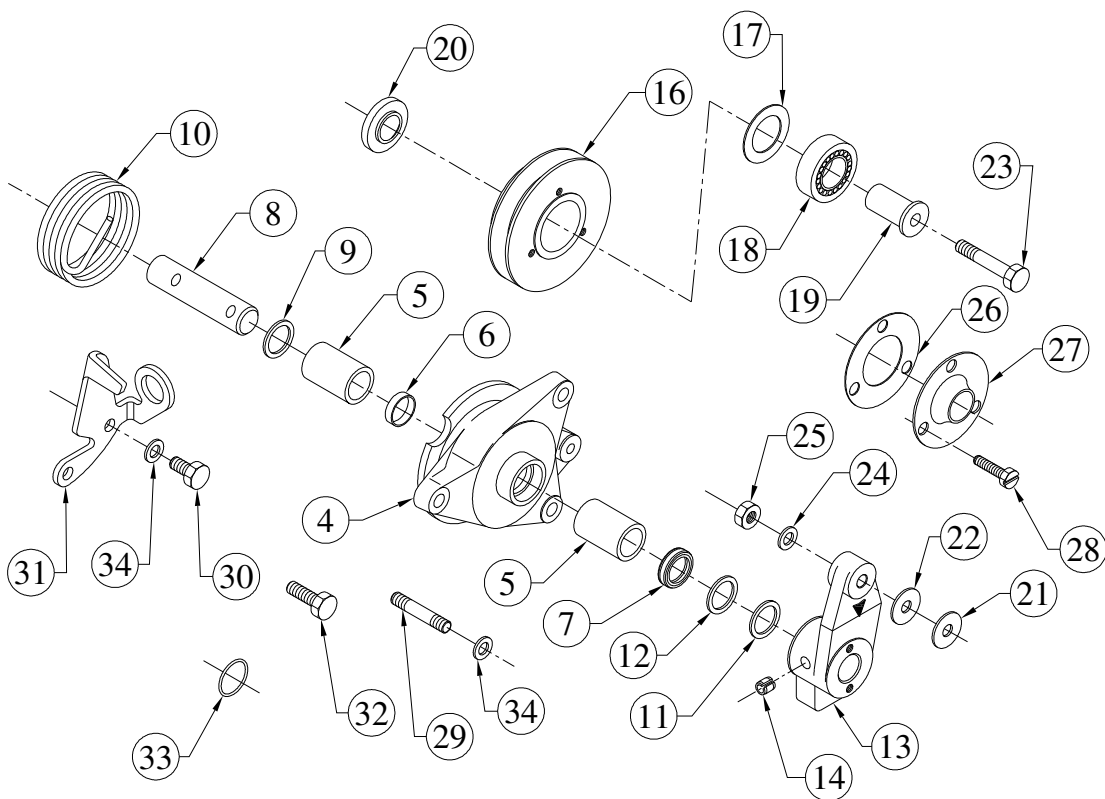


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.198.01.0.00	ALTERNATOR PULLEY (F)	1	
2	03.128.08.0.00	BRACKET FOR ALTERNATOR	1	
3	03.128.03.0.00	DAMPING BUSH	2	
4	50.548.10.0.00.	SPECIAL PLAIN WASHER - M10	1	
5	03.149.02.0.00	SPACER(11 X 20 X 6.5 L)	1	
6	03.088.03.0.00	SPACER (11 X 20 X 9 L)	1	
7	50.002.10.130.	SET BOLT - M10X1.5X130 - 8.8	1	
8	50.506.10.0.00.	PLAIN MACHINED WASHER - M10	5	
9	50.006.10.0.00.	NUT - M10X1.5 - GR.8.8	3	
10	50.002.10.125.	SET BOLT - M10X1.5X125 - 8.8	1	
11	03.149.04.0.00	TENSION ADJ LEVER (60 CRS)	1	
12	03.192.02.0.00	SPACER	1	
13	50.003.10.040.	SET SCREW - M10X1.5X40 - 8.8	1	
14	50.505.10.0.00.	SPRING WASHER - M10	3	
15	50.002.08.110.	SET BOLT - M8X1.25X110 - 8.8	1	
16	50.505.08.0.00.	SPRING WASHER - M8	1	
17	50.002.08.100.	SET BOLT - M8X1.25X100 - 8.8	1	



TITLE: - BELT TENSIONING UNIT FOR SINGLE GROOVE SPZ PULLEY

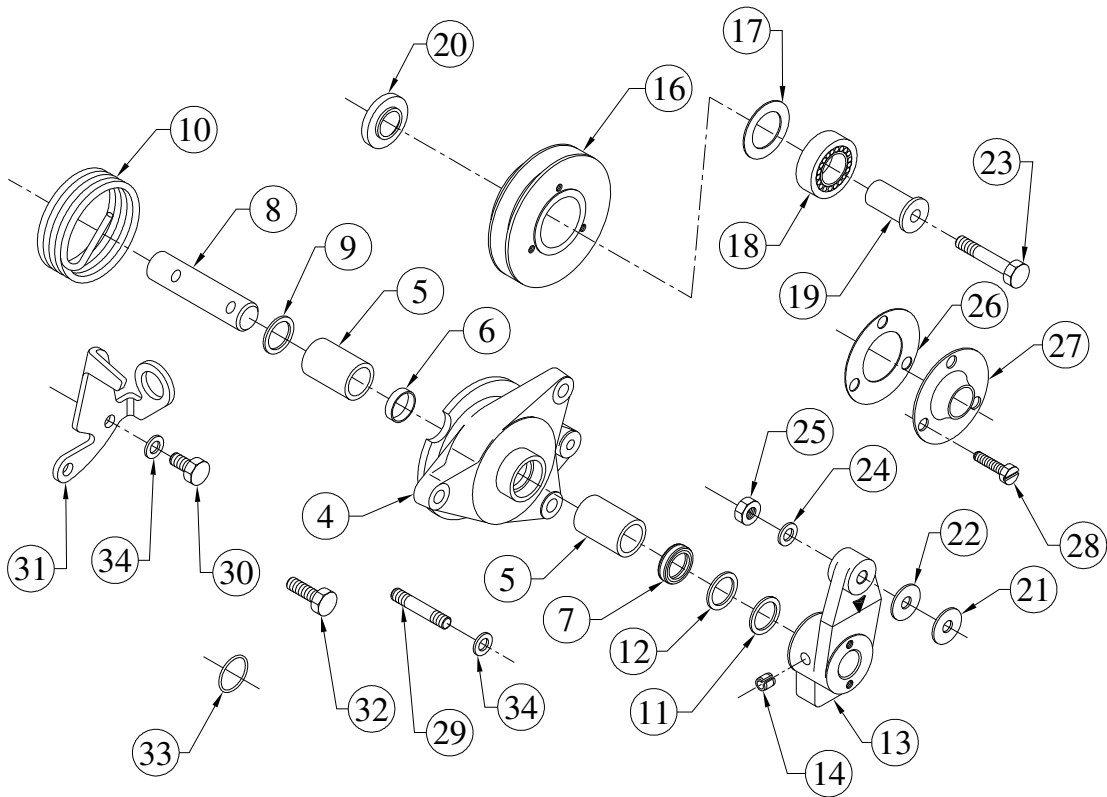
GROUP: - 03.093.1



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	03.093.92.0.00	SUB ASSEMBLY OF B.T. UNIT	1	CONSISTING OF SR. NO. 2, 15 & 21 TO 28
*2	03.093.40.0.00	SUBASSLY OF HOUSING & LEVER	1	CONSISTING OF SR. NO. 3 & 8 TO 14
*3	04.301.20.0.00	SUB ASSLY OF HOUSING AND BUSH	1	CONSISTING OF SR. NO. 4 TO 7
4	04.301.15.0.00	HOUSING FOR BELT TENSIONING UNIT	1	
5	02.024.12.0.00	V.R.BUSH	2	
6	04.301.16.0.00	SPACER RING	1	
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9	04.301.03.0.00	WASHER	1	
10	04.301.17.0.00	HELICAL TORSION SPRING	1	
11	04.301.12.0.00	THRUST WASHER 18 X 32 X 1.5	1	
12	04.301.13.0.00	THRUST WASHER 18.2 X 32 X 0.3	1	

TITLE: - BELT TENSIONING UNIT FOR SINGLE GROOVE SPZ PULLEY

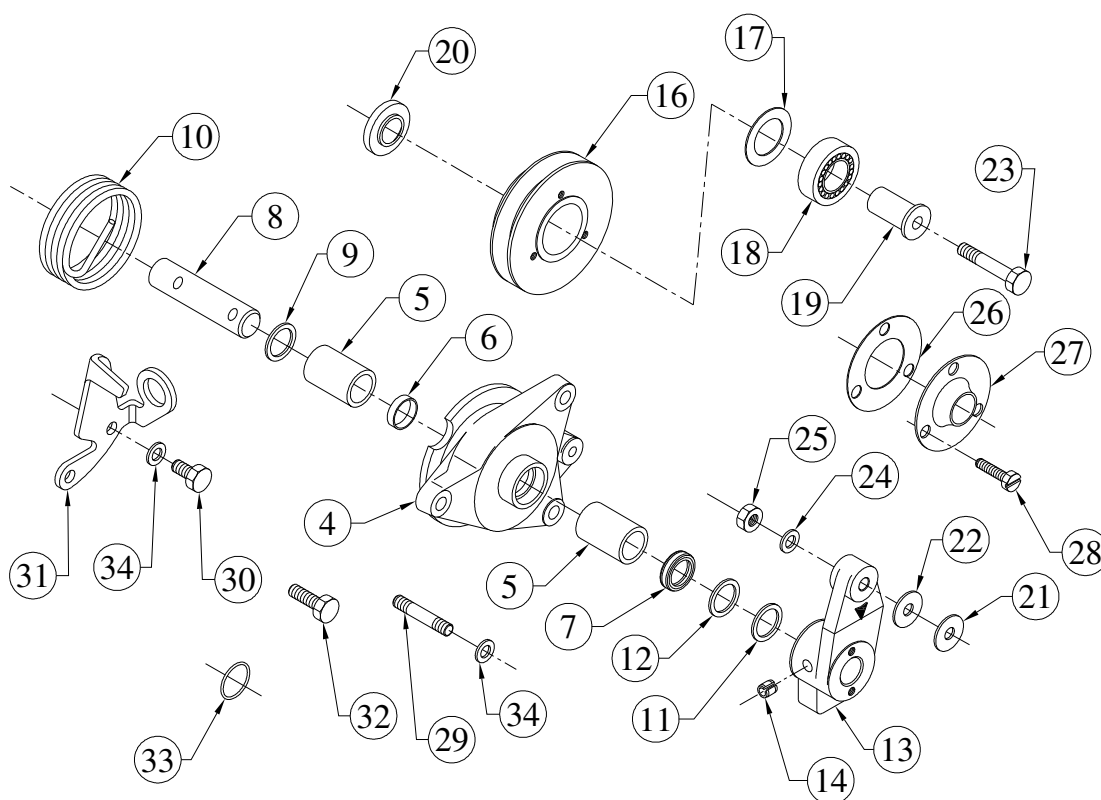
GROUP: - 03.093.1



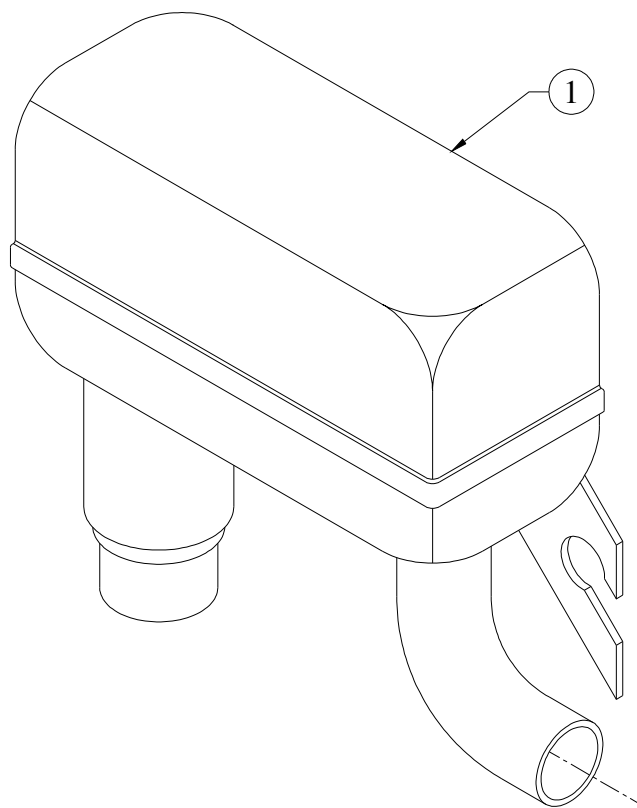
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14	50.540.11.040.	SPRING DOWEL	1	
*15	03.093.31.0.00	ASSEMBLY OF PULLEY	1	CONSISTING OF SR. NO. 16 TO 20
16	04.301.04.0.00	PULLEY FOR BELT TENSIONING UNIT	1	
17	03.080.09.0.00	SHIM FOR BEARING	1	
18	03.080.13.0.00	BALL BEARING 6203 2 RS C-3	1	
19	04.301.05.0.00	FLANGED BUSH	1	
20	04.301.07.0.00	RING	1	
21	04.301.08.0.00	WASHER 1 THICK	1	
22	04.301.09.0.00	WASHER 0.3 THICK	1	
23	50.002.08.050.	SET BOLT - M8X1.25X50 - 8.8	1	
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25	50.006.08.000.	NUT- M8X1.25 - GR.8	1	
26	03.080.15.0.00	JOINT FOR COVER (B.T.UNIT)	1	
27	03.080.14.0.00	COVER FOR PULLEY	1	

TITLE: - BELT TENSIONING UNIT FOR SINGLE GROOVE SPZ PULLEY

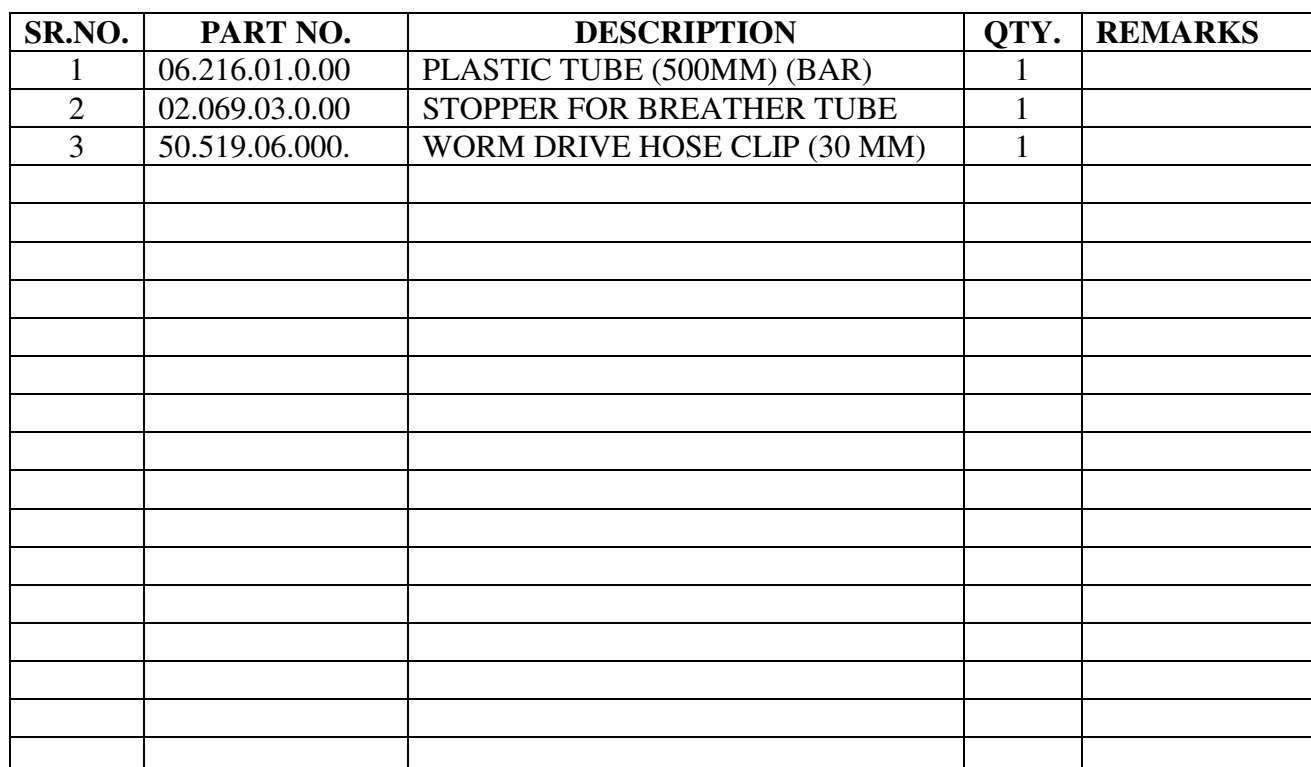
GROUP: - 03.093.1



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
28	50.023.06.015.	SLOTTED CRANK SUNK HEAD SCREW - M6X1X15	3	
29	50.010.08.055.	STUD - M8X1.25X55 - 8.8	1	
30	50.003.08.016.	SET SCREW - M8X1.25X16 - 8.8	1	
31	04.196.02.0.00	BRACKET FOR V BELT SWITCH	1	
32	50.003.08.025.	SET SCREW - M8X1.25X25 - 8.8	2	
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34	50.506.08.000.	PLAIN MACHINED WASHER - M8	4	

TITLE :- BOX TYPE BREATHER (STAGE – 1)
GROUP :- 06.216.1


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
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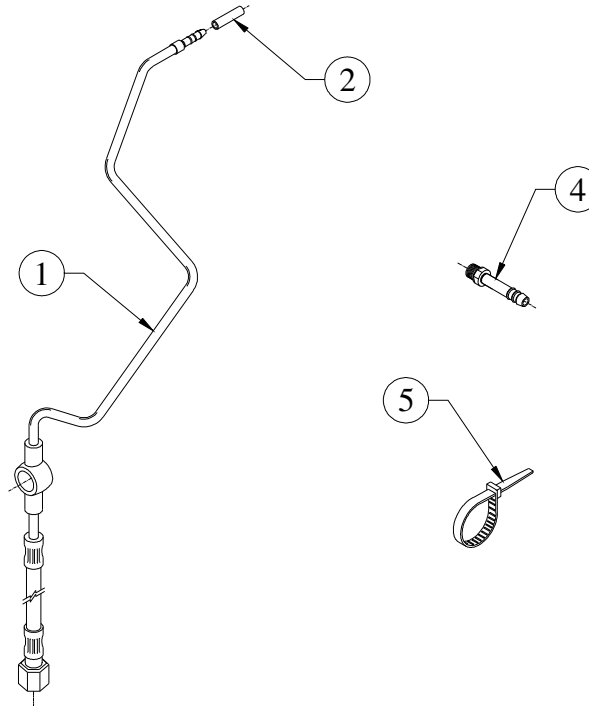


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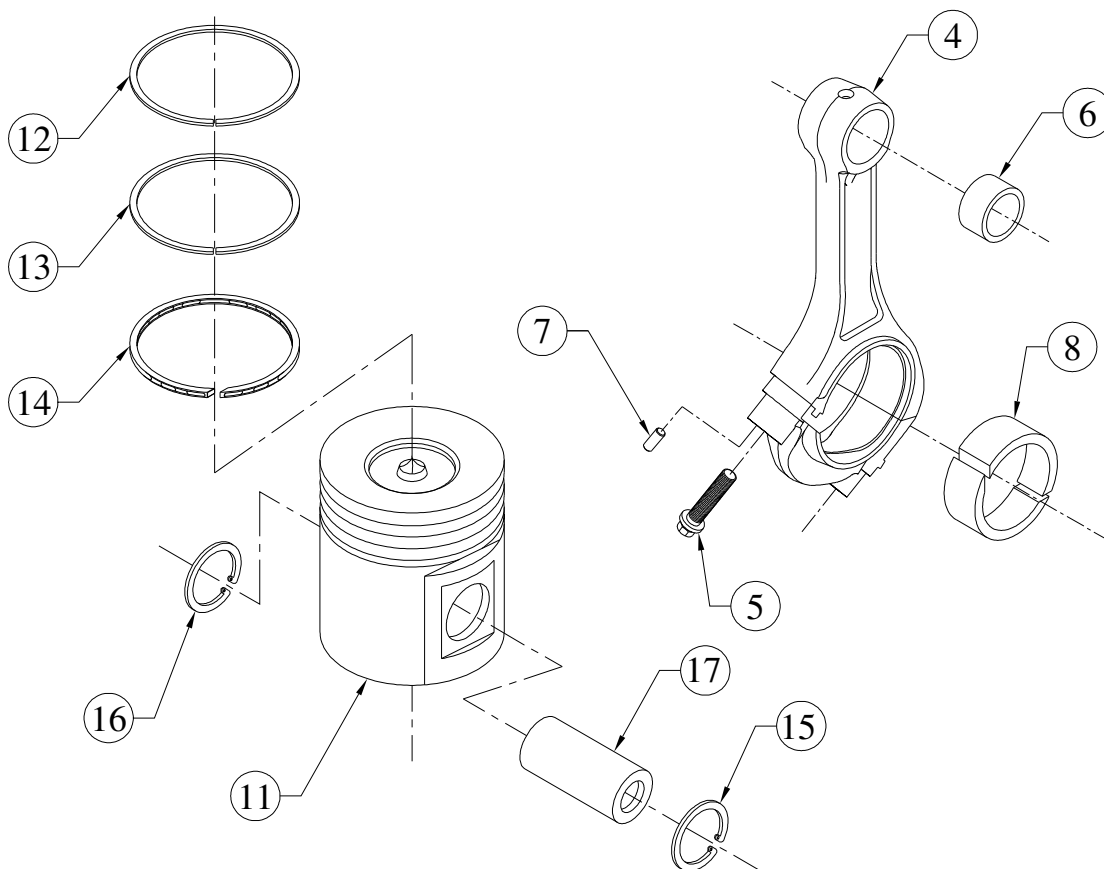
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**TITLE: - COMBINED LEAK OFF PIPE
ASSEMBLY (HA BS III)**

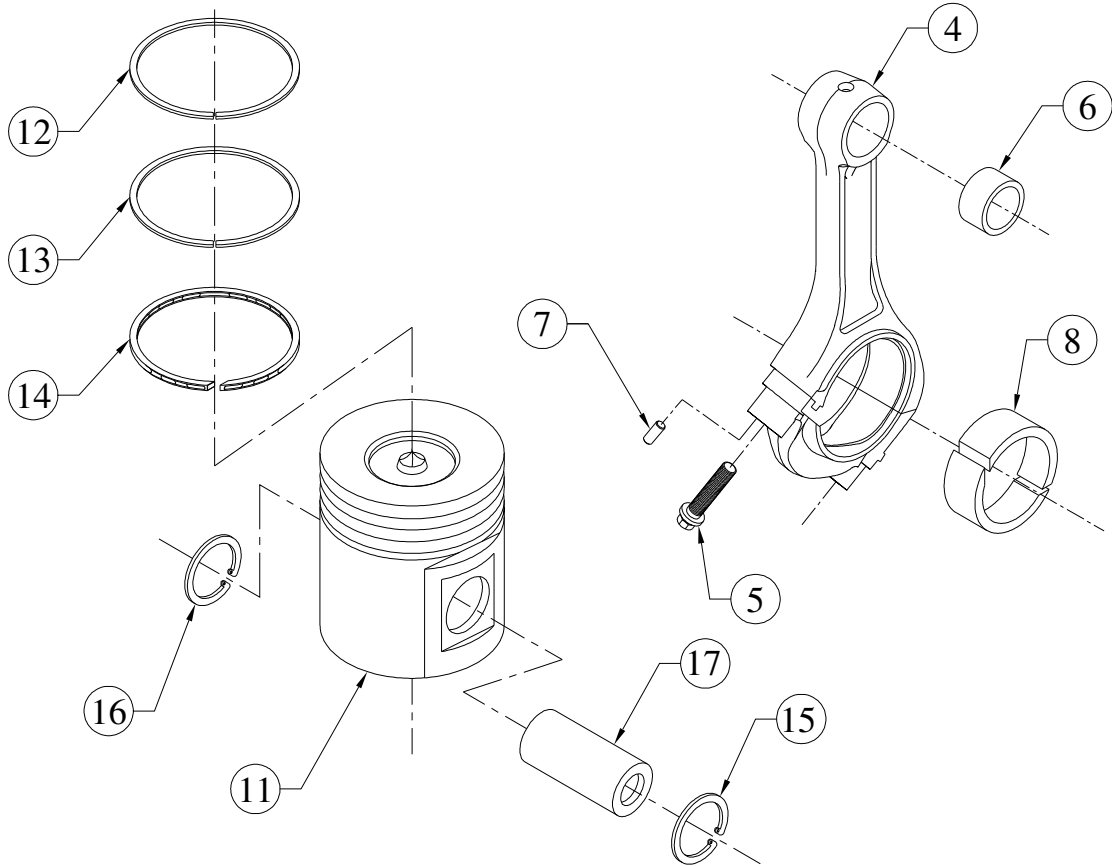
GROUP: - 04.755.1



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.755.10.0.00	COMBINED LEAK OFF PIPE FOR HA BS III ENGINE	1	
2	02.525.06.0.00	FUEL HOSE 5.1/D X 11.5 / 12.7 O	1	
*3	02.500.08.0.00	CONSTANT PRESSURE SPRING BAND HOSE CLAMP KLIPCO NOMINAL SIZE 10 MM	2	NOT ILLUSTRATED
4	06.610.02.0.00	HOSE TAIL FOR FUEL LEAK OFF CONN	1	
5	3H.905.07.0.00	TIE WRAP 200 MM LENGTH	1	

TITLE: - CONNECTING ROD & PISTON ASSEMBLY
GROUP: -02.443.2


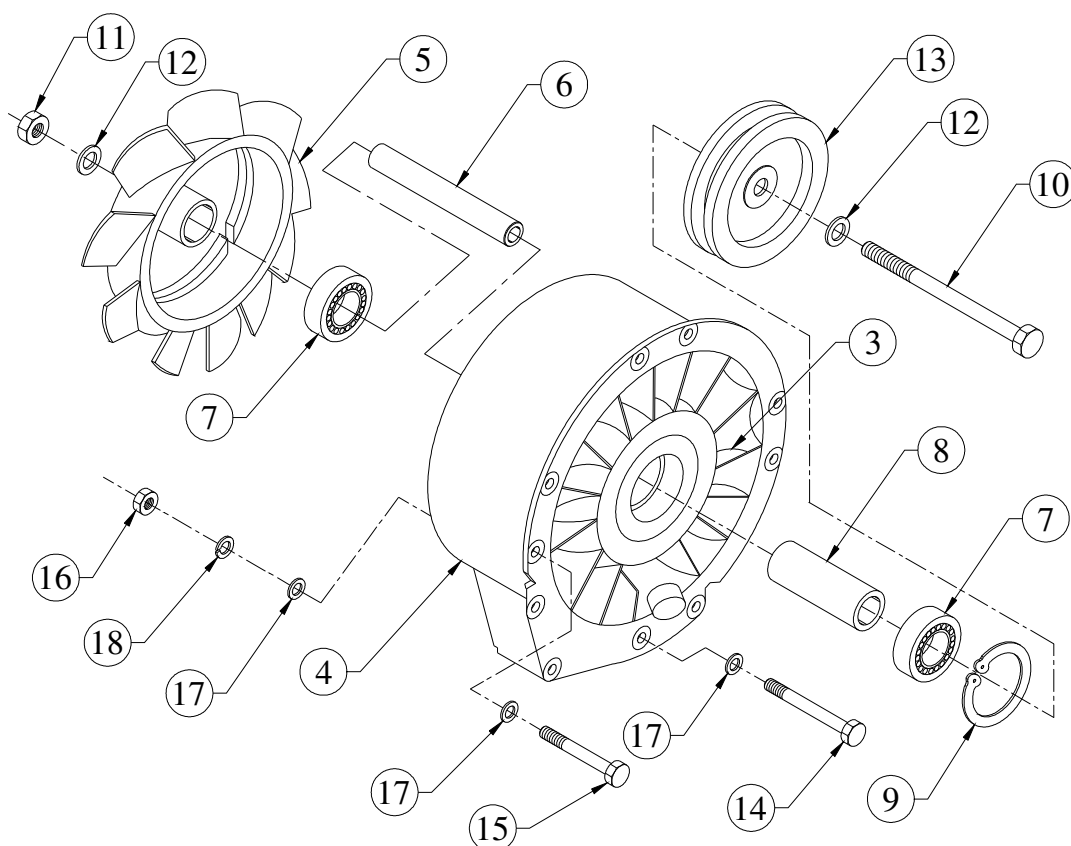
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	04.685...	CONNECTING ROD (DREAM PROJECT)	1	CONSISTING OF SR. NO. 2 & 10
*2	04.685.10.0.00	CONNECTING ROD ASSEMBLY	1	CONSISTING OF SR. NO. 3 & 8
*3	04.685.20.0.00	CON ROD ASSEMBLY (WITHOUT LE BEARING)	1	CONSISTING OF SR. NO. 4 TO 7
4	04.685.01.0.00	CONNECTING ROD (DREAM PROJECT) MACHINING	1	NOT SUPPLIED LOOSE
5	04.692.03.0.00	CONNECTING ROD BOLT	2	
6	02.021.03.9.00	SMALL END BUSH (S/F)	1	
7	50.401.07.010.	DOWEL PIN	2	
8	04.685.02.0.00	CONNECTING ROD BIG END BEARING(NA)	2	NOT SUPPLIED LOOSE
*9	02.443.30.0.00	PISTON ASSEMBLY COMPLETE FOR HA494 TC ENGINE (BS III)	1	CONSISTING OF SR. NO.10

TITLE: - CONNECTING ROD & PISTON ASSEMBLY
GROUP: -02.443.2


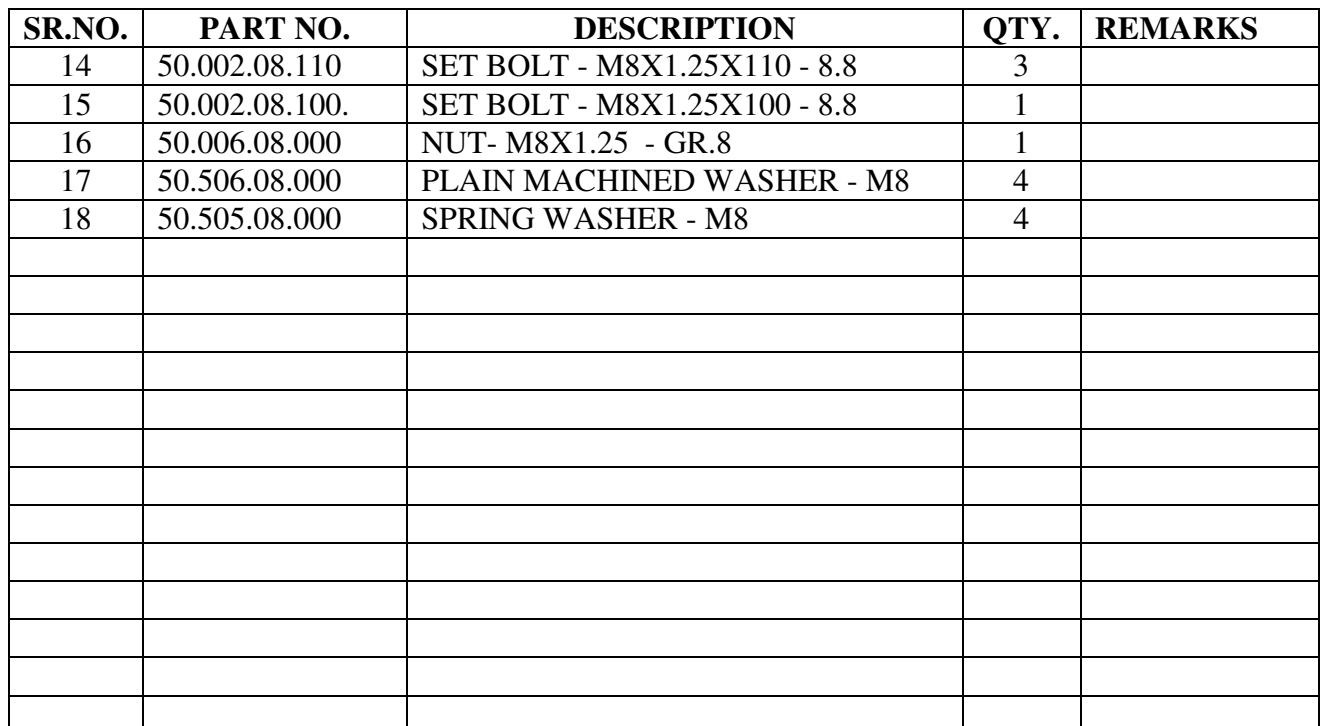
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*10	02.443.20.0.00	PISTON ASSEMBLY COMPLETE FOR HA494TC ENGINE	1	CONSISTING OF SR. NO. 11 TO 15
11	02.443.09.0.00	PISTON 17CR FOR BSIII ENGINE	1	NOT SUPPLIED LOOSE
12	02.020.24.0.00	CHROME INLAID KEY STONE I D BEVEL RING (1st)	1	NOT SUPPLIED LOOSE
13	02.020.08.0.00	PLAIN COMP.RING	1	NOT SUPPLIED LOOSE
14	02.020.09.0.00	CONFORMABLE OIL CONTROL RING	1	NOT SUPPLIED LOOSE
15	50.502.35.000.	CIRCLIP (INTERNAL)-35 MM	1	
16	50.502.35.000.	CIRCLIP (INTERNAL)-35 MM	1	
17	02.020.02.0.00	PISTON PIN	1	

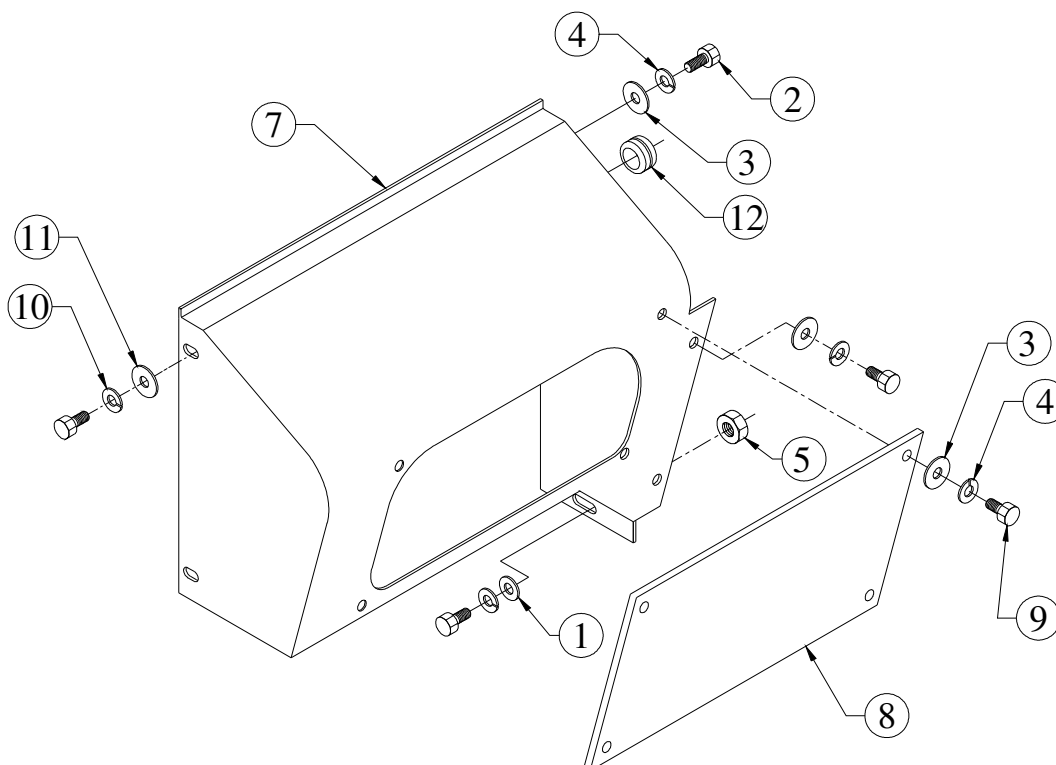
TITLE: - COOLING AIR BLOWER WITH FAN PULLEY (79 PCD, SPZ SECTION, 1 GROOVE)

GROUP: - 04.696

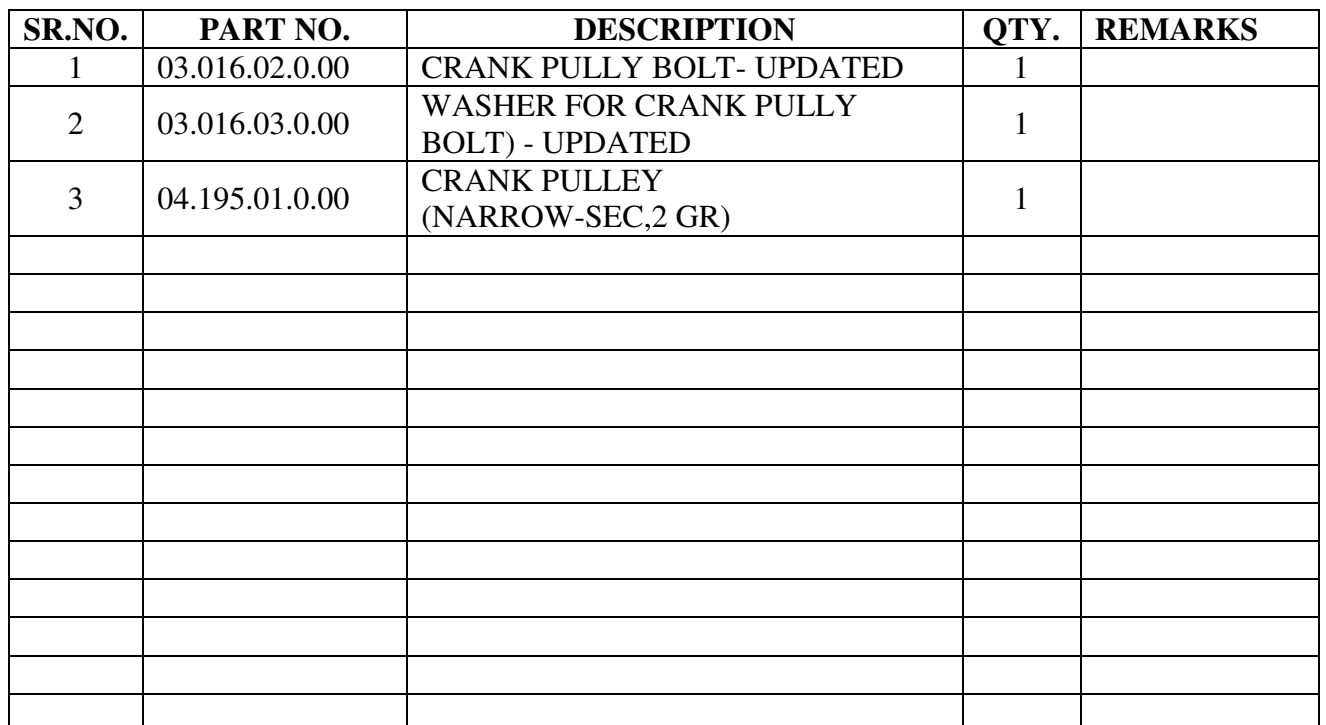


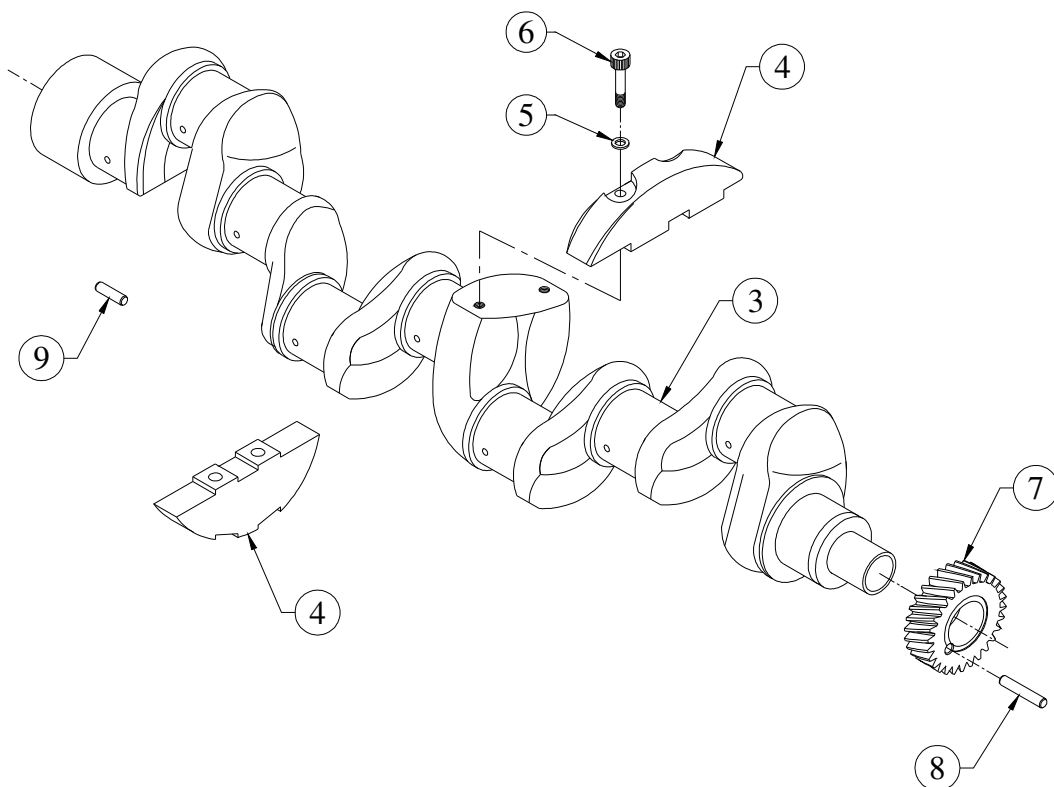
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	03.135.60.0.00	SUB ASSEMBLY OF FAN BODY, STATOR AND IMPELLER	1	CONSISTING OF SR. NO.- 2, 5 TO 11
*2	03.135.20.0.00	ASSLY OF STATOR VANE AND FAN BODY	1	CONSISTING OF SR. NO.- 3 & 4
3	03.135.02.0.00	STATOR VANE (UPDATED)	1	
4	03.025.13.0.00	FAN BODY (UPDATED)	1	
5	03.135.10.0.00	IMPELLER WITH BUSH (UPDATED)	1	
6	02.027.04.0.00	QUILL SHAFT-UPDATED	1	
7	02.027.05.0.00	BALL BEARING (20X47X14) 6204Z,C3	2	
8	03.025.05.0.00	BUSH (SPACER) –UPDATED	1	
9	50.502.47.000	CIRCLIP INTERNAL - 47 MM	1	
10	50.002.12.140	SET BOLT - M12X1.75X140 - 8.8	1	
11	50.006.12.000	NUT - M12X1.75 - GR.8	1	
12	50.506.12.000.	PLAIN MACHINED WASHER - M12	2	
13	04.690.01.0.00	FAN PULLEY (79 PCD, SPZ SECTION, 1 GROOVE)	1	



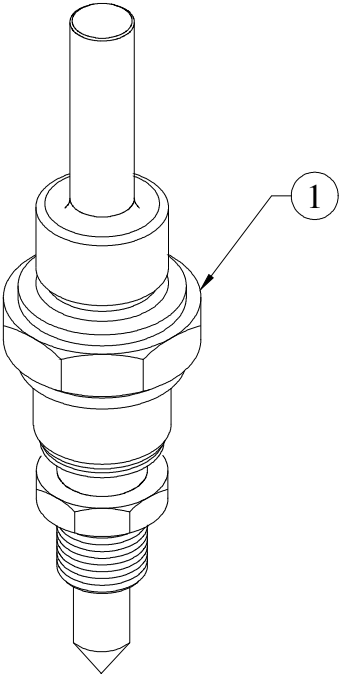
TITLE:- COWLING FOR HYD. OIL COOLER
GROUP:- 06.101


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	50.506.06.000.	PLAIN MACHINED WASHER - M6	1	
2	50.003.06.014.	SET SCREW - M6X1X14 - 8.8	6	
3	03.023.02.0.00	WASHER	5	
4	50.505.06.000.	SPRING WASHER - M6	6	
5	50.006.06.000.	NUT - M6X1 - GR.8	2	
*6	06.101.10.0.00	COWLING ASSLY	1	CONSISTING OF SR. NO. 7 TO 11
7	06.101.01.0.00	COWLING FOR HYD OIL COOLER	1	
8	06.101.02.0.00	COVER FOR COWLING	1	
9	50.003.06.012.	SET SCREW - M6X1X12 - 8.8	4	
10	50.505.06.000.	SPRING WASHER - M6	4	
11	03.023.02.0.00	WASHER	4	
12	02.029.04.0.00	RUBBER GROMMET	1	



TITLE: - CRANK-SHAFT
GROUP: - 04.005


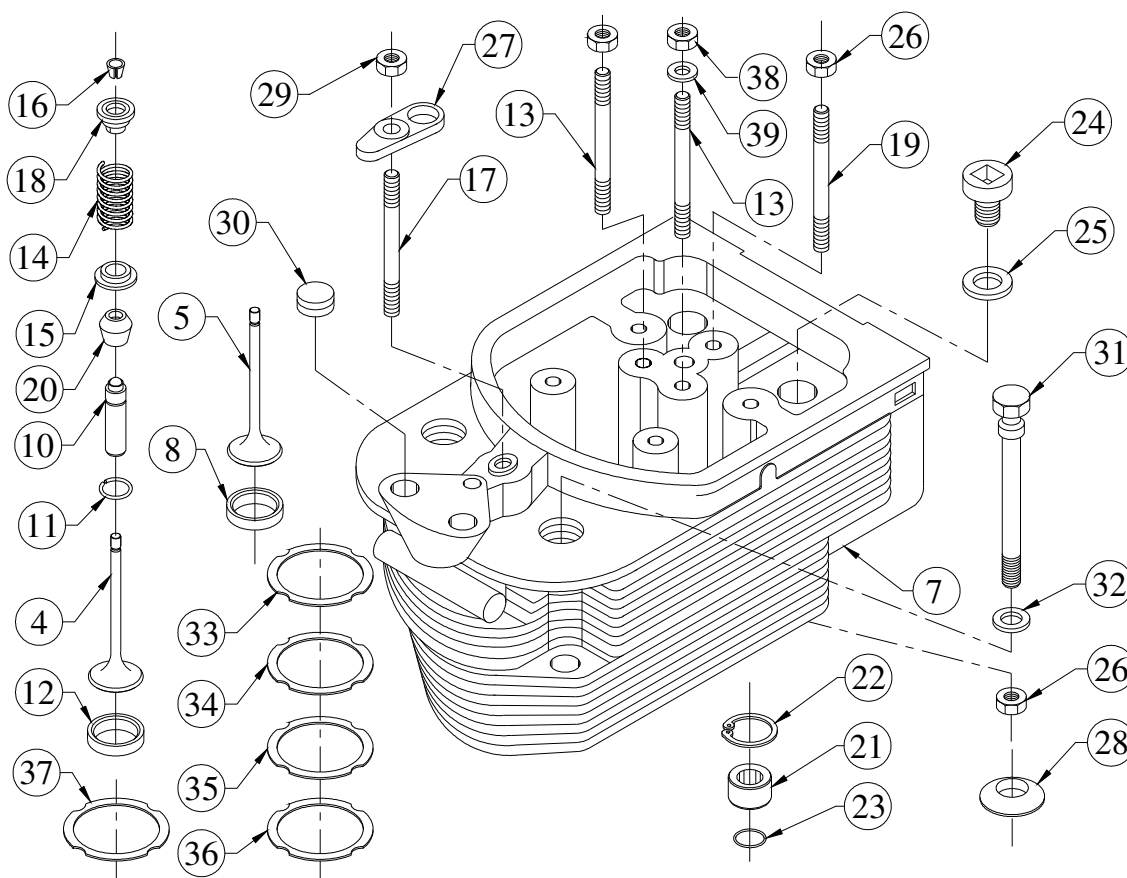
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	04.005.40.0.00	CR'SHAFT ASSLY.WITH CR'GEAR (UPDATED)	1	CONSISTING OF SR. NO. 2, 7, 8
*2	04.005.30.0.00	CR'SHAFT ASSLY.W/O CR'GEAR (UPDATED)	1	CONSISTING OF SR. NO. 3 TO 6 NOT SUPPLIED LOOSE
3	04.005.09.0.00	CRANK SHAFT-KHD	1	NOT SUPPLIED LOOSE
4	04.005.11.0.00	BALANCE WT.	4	NOT SUPPLIED LOOSE
5	02.005.04.0.00	WASHER	8	
6	04.005.12.0.00	SOCKET HEAD BOLT - M12X1.75X60 -10.9	8	
7	03.005.02.0.00	CRANK-SHAFT GEAR	1	
8	50.401.08.045.	DOWEL PIN 8X45	1	
9	50.401.08.025.	DOWEL PIN 8X25	1	

TITLE :- CYL. HEAD TEMP. SWITCH	GROUP :- 04.093
	

[illegible]

TITLE: - CYLINDER HEAD (FOR ENGINES SATISFYING EURO II NORMS AND CPCB STAGE 1)

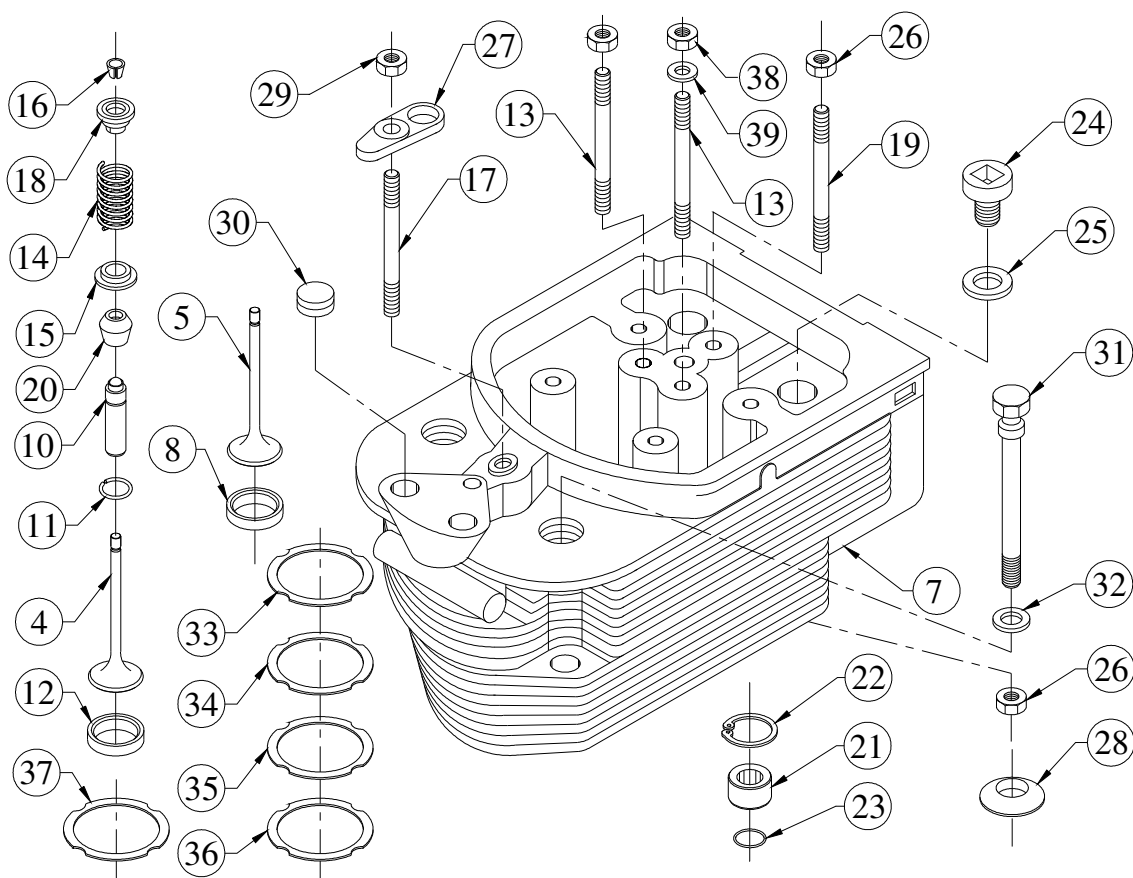
GROUP: - 02.120



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	02.120.20.0.00	CYLINDER HEAD ASSEMBLY COMPLETE (FOR P TYPE NOZZLE)	1	CONSISTING OF SR NO.-2 25 TO 30
*2	02.120.30.0.00	CYLINDER HEAD ASSEMBLY WITH VALVES (FOR P TYPE NOZZLE)	1	CONSISTING OF SR NO.-4 TO 6, 13 TO 26
*3	02.445.10.0.00	INLET & EXHAUST VALVE PAIR	2	CONSISTING OF SR NO.-4 & 5
4	02.445.03.0.00	EXHAUST VALVE (US TIER 1 ENGINE)	1	
5	02.445.02.0.00	INLET VALVE (US TIER 1 ENGINE)	1	
*6	02.120.40.0.00	CYLINDER HEAD SUB ASSEMBLY WITH INSERTS & GUIDE (FOR P TYPE NOZZLE)	1	CONSISTING OF SR NO.-6 TO 9, 12
7	02.120.01.0.00	CYLINDER HEAD (S/F P TYPE INJECTOR)	1	NOT SUPPLIED LOOSE
8	02.445.04.0.00	INLET VALVE SEAT INSERT (US TIER 1 ENGINE)	1	

TITLE: - CYLINDER HEAD (FOR ENGINES SATISFYING EURO II NORMS AND CPCB STAGE 1)

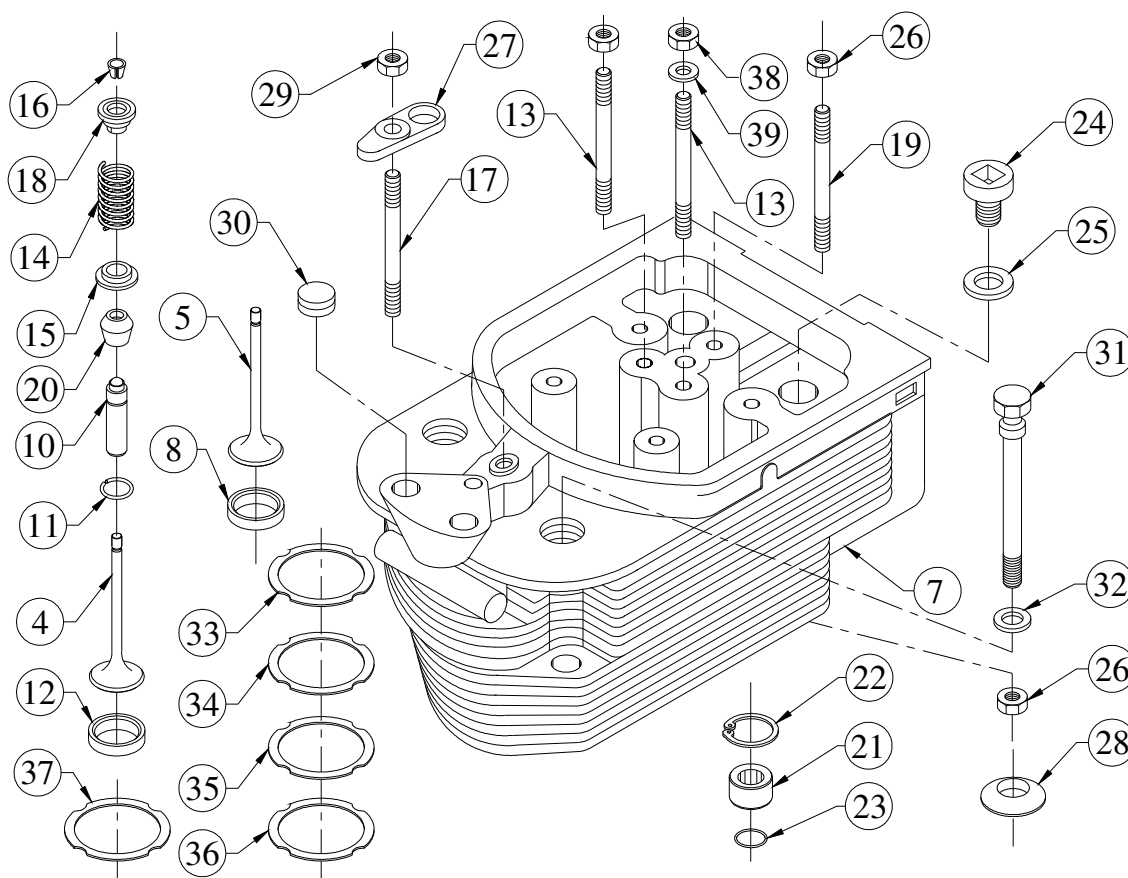
GROUP: - 02.120



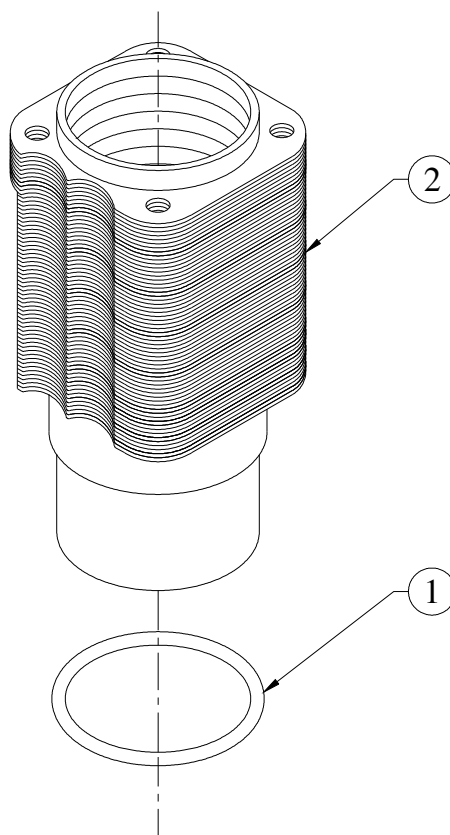
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*9	06.631.40.0.00	VALVE GUIDE & WIRE SNAP RING ASSY.	2	CONSISTING OF SR NO.- 10 & 11
10	06.631.01.9.00	VALVE GUIDE - SEMI FINSH (READY FOR F.BORE)	1	
11	02.022.18.0.00	WIRE SNAP RING	1	
12	04.684.02.0.00	VALAVE SEAT INSERT EXHAUST	1	
13	50.010.08.055.	STUD - M8X1.25X55 - 8.8	3	
14	02.022.13.0.00	VALVE SPRING	2	
15	02.022.21.0.00	SPRING CUP	2	
16	02.022.12.0.00	VALVE COLLET	4	
17	50.010.10.075.	STUD - M10X1.5X75 - 8.8	1	
18	02.022.11.0.00	VALVE CUP	2	
19	50.010.08.040.	STUD - M8X1.25X40 - 8.8	4	
20	06.631.02.0.00	VALVE SEAL	2	
21	02.120.04.0.00	SLEEVE FOR NOZZLE	1	
22	50.520.28.000.	EXTERNAL CIRCLIP	1	
23	02.120.05.0.00	SEALING RING	1	

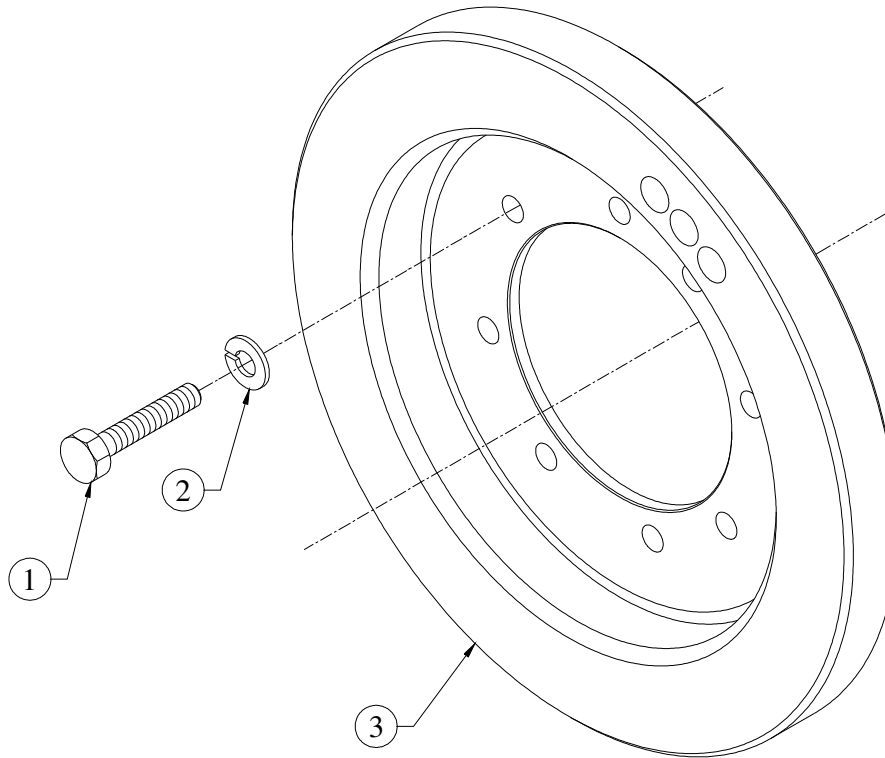
TITLE: - CYLINDER HEAD (FOR ENGINES SATISFYING EURO II NORMS AND CPCB STAGE 1)

GROUP: - 02.120

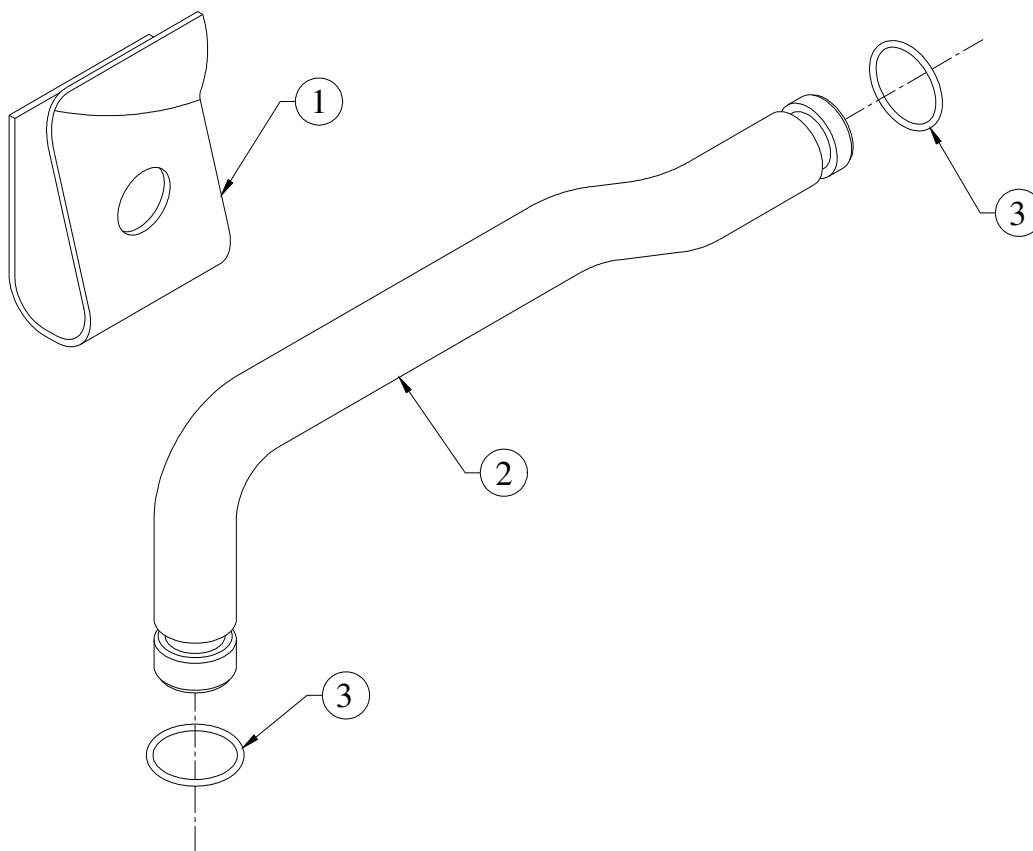


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
24	02.022.09.0.00	LOCKING SCREW	2	
25	02.022.25.0.00	COPPER WASHER	2	
26	50.006.08.000.	NUT- M8X1.25 - GR.8.8	3	
27	08.030.04.0.00	FORK FOR INJECTOR	1	
28	F6.031.05.0.00	SPHERICAL WASHER (DIN 6319-C10.5)	1	
29	50.006.10.000	NUT - M10X1.5 - GR.8.8	1	
30	02.494.01.0.00	BUTTON FOR INECTOR YOKE.	1	
31	02.022.03.0.00	CYLINDER HEAD BOLT 12X211	4	
32	02.022.04.0.00	WASHER	4	
33	04.291.11.0.00	INTERMEDIATE RING (1.5 MM THICK)	1	
34	04.291.15.0.00	INTERMEDIATE RING (1.7 MM THICK)	1	
35	06.292.01.0.00	INTERMEDIATE RING (1.1 MM THICK)	1	
36	04.291.22.0.00	INTERMEDIATE RING (2.0 MM THICK)	1	

[illegible]

TITLE :- DAMPER & MOUNTING
GROUP :- 04.031


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	50.003.08.016.	SET SCREW - M8X1.25X16 - 8.8	8	
2	50.505.08.000.	SPRING WASHER - M8	8	
3	04.031.02.0.00	TORSIONAL VIBRATION DAMPER	1	

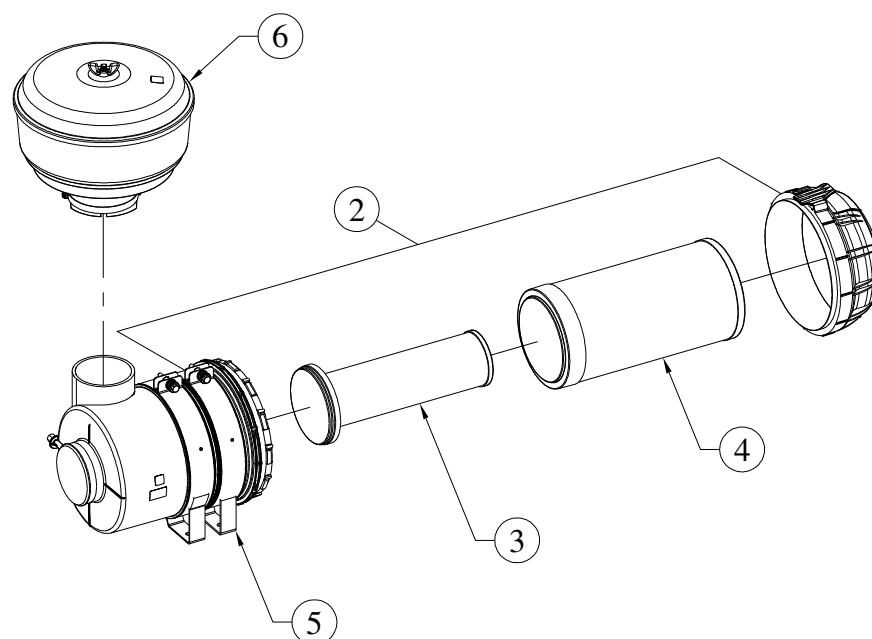
[illegible]

TITLE :- DIPSTICK (PRESSED SUMP)	GROUP :- 04.445

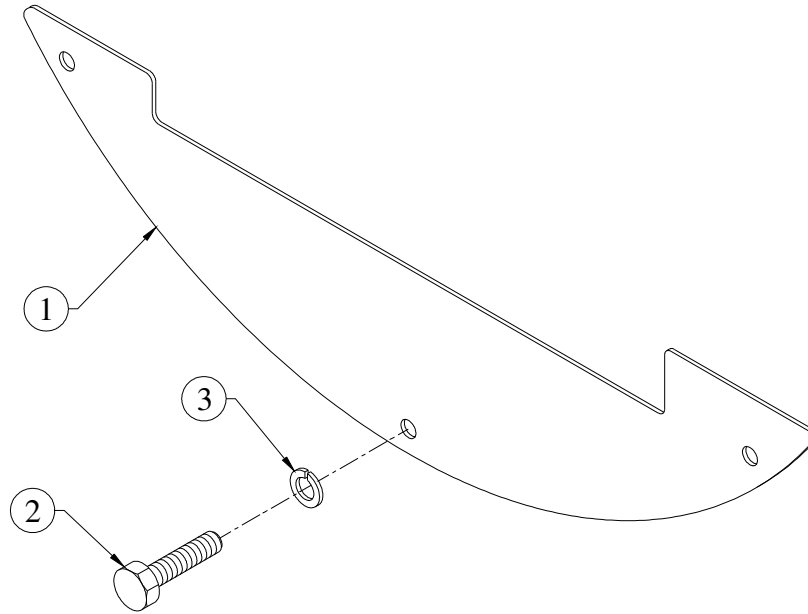
[illegible]

TITLE: - DRY TYPE AIR CLEANER
(8 M3/MIN) -BS-III

GROUP: - 04.760



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	04.760.20.0.00	AIR CLEANER AND PRE-CLEANER ASSEMBLY	1	CONSISTING OF SR. NO. 2 & 6
2	04.760.10.0.00	DRY TYPE AIR CLEANER ASSEMBLY (8-M3/MIN) FLEETGAURD	1	CONSISTING OF SR. NO. 3 TO 5 NOT SUPPLIED LOOSE
3	04.760.01.0.00	PRIMARY ELEMENT	1	
4	04.760.02.0.00	SAFTY ELEMENT	1	
5	04.760.03.0.00	MOUNTING STRAP (8M3 AIR CLEANER)	1	
6	06.550.20.0.00	PRE-CLEANER ASSLY. (FOR DRY TYPE AIR CLEANER-FLEET GAURD)	1	

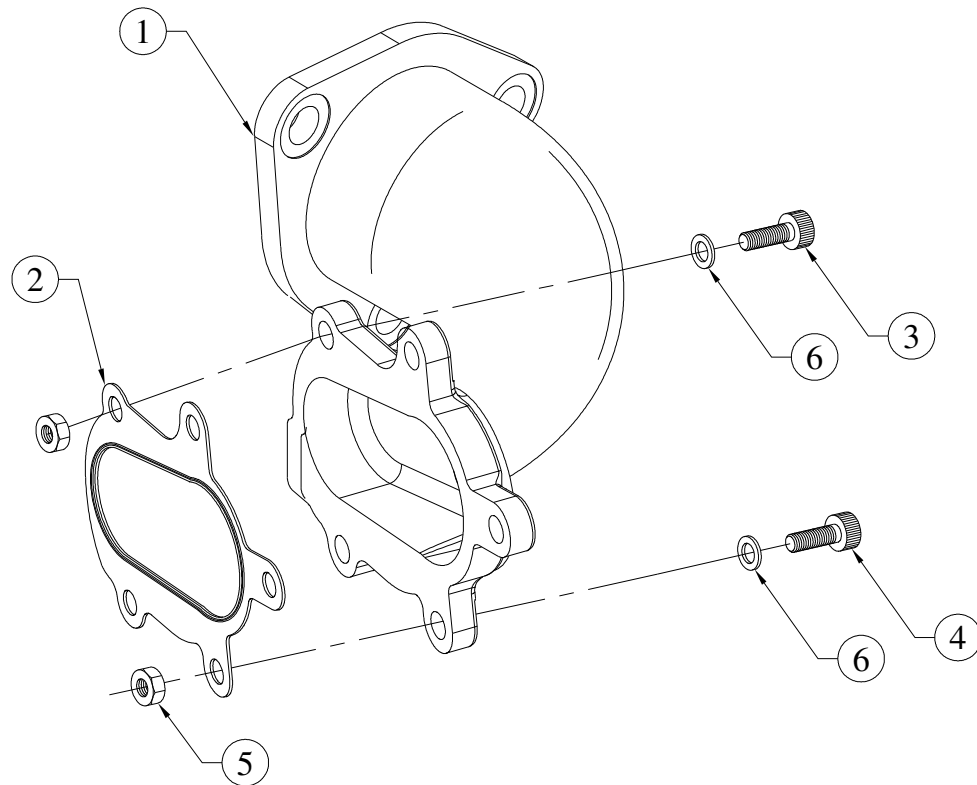
TITLE: - END COVER FOR BELL HSG
GROUP :- 06.091


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.091.01.0.00	END COVER FOR BELL HSG	1	
2	50.003.06.012.	SET SCREW - M6X1X12 - 8.8	3	
3	50.505.06.000.	SPRING WASHER - M6	3	

[illegible]

TITLE: - EXHAUST DIFFUSER
(UPWARD OPEN- ECEL) BS- III

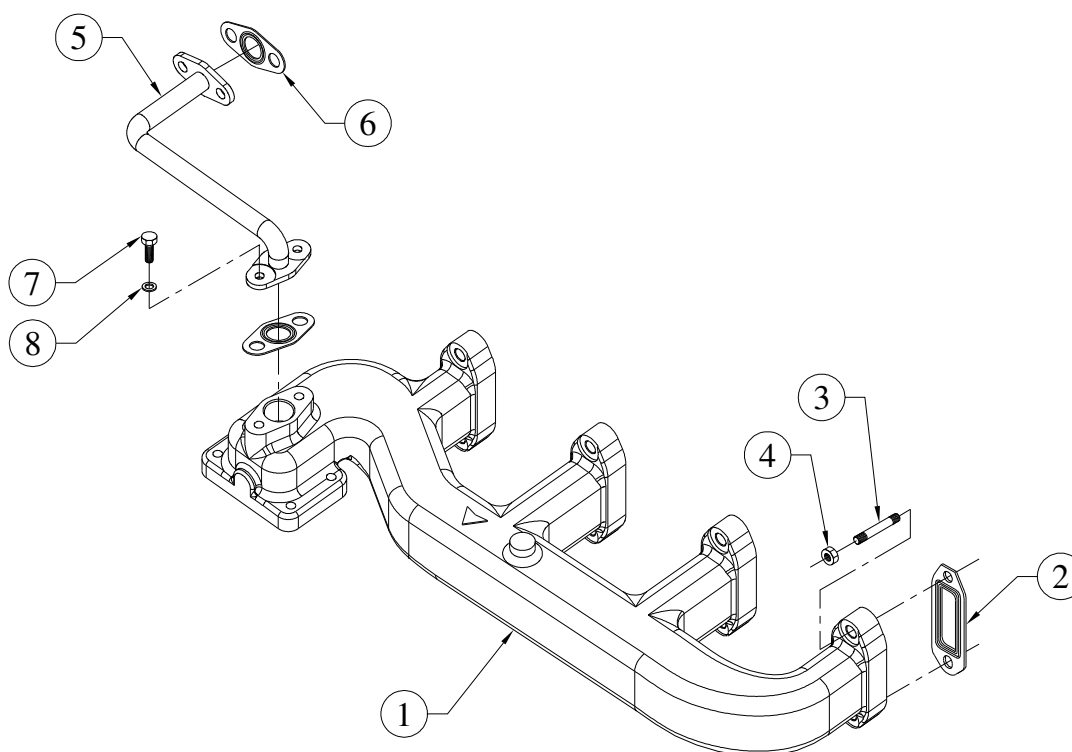
GROUP: - 04.575.2



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.575.05.0.00	EXHAUST DIFFUSER UPWARD OPEN (S/F ECEL COMPACTOR)	1	
2	04.575.04.0.00	JOINT FOR EXHAUST DIFFUSER	1	
3	50.011.08.020.	SOCKET HEAD SCREW - M8X1.25X20 - 8.8	3	
4	50.011.08.025.	SOCKET HEAD SCREW - M8X1.25X25 - 8.8	2	
5	50.006.08.000.	NUT- M8X1.25 - GR.8.8	5	
6	50.506.08.000.	PLAIN MACHINED WASHER - M8	5	

TITLE: - EXHAUST MANIFOLD
(S/F K16 TURBOCHARGER)

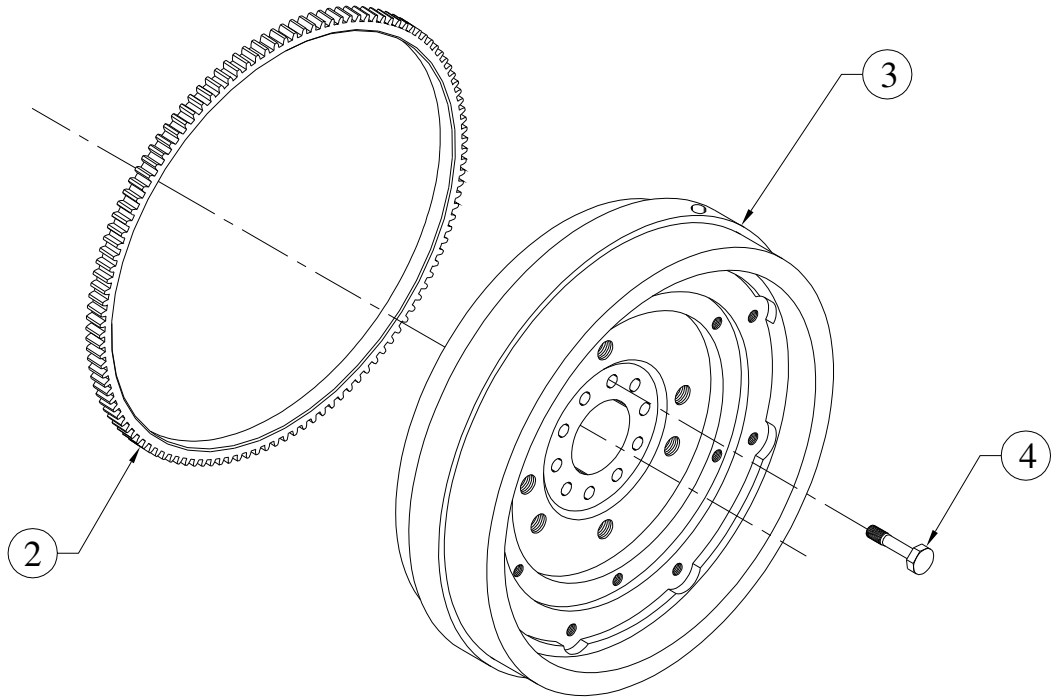
GROUP: - 04.566.1



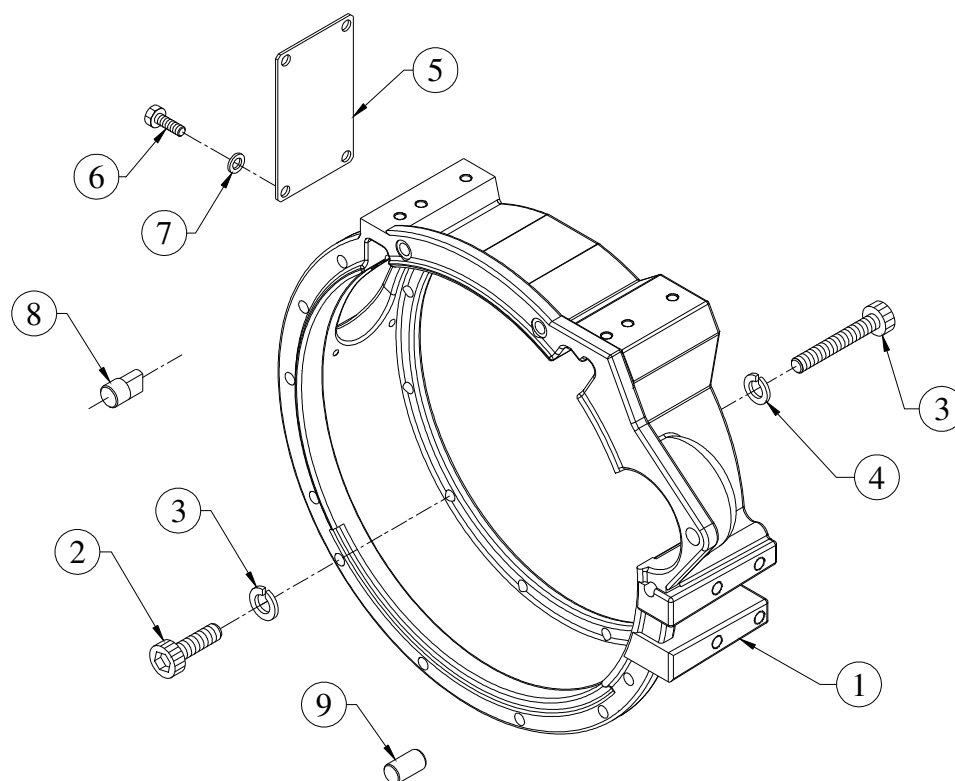
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.566.02.0.00	EXHAUST MANIFOLD (FINISH) WITH EXTERNAL EGR ARRENGMENT FOR HA4T CMVR III	1	
2	02.045.08.0.00	JOINT (FOR EXH. INLET)	4	
3	50.010.08.035.	STUD - M8X1.25X35 - 8.8	8	
4	02.022.24.0.00	NUT M8 (BRASS)	8	
5	04.566.05.0.00	EGR Pipe HA4 BS-III (Vanstone Design)	1	
6	04.566.04.0.00	JOINT FOR EJR PIPE - HA494 BS III	2	
7	50.003.08.020.	SET SCREW - M8X1.25X20 - 8.8	4	
8	50.506.08.000.	PLAIN MACHINED WASHER - M8	4	

TITLE: - FLY WHEEL
(C-108, PTO FLEX COUPLING)

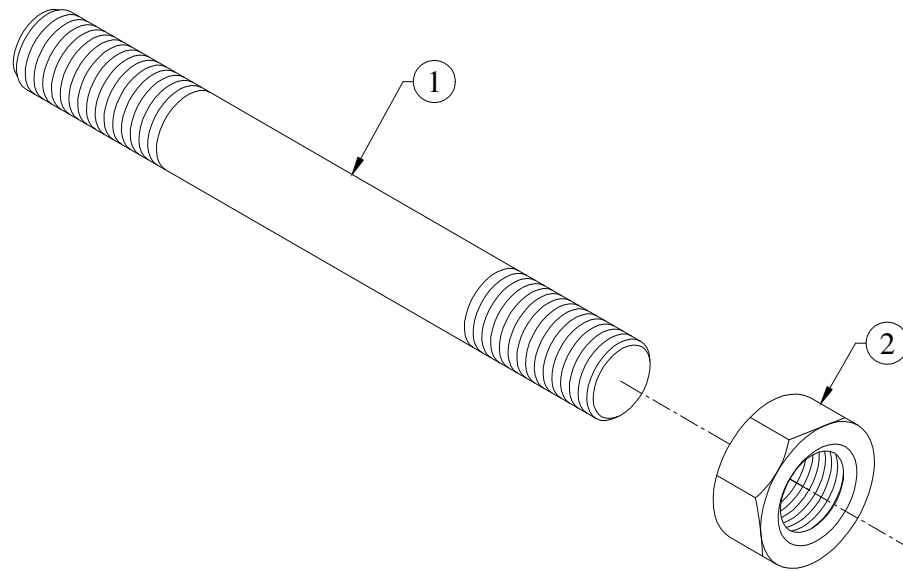
GROUP :- 04.024



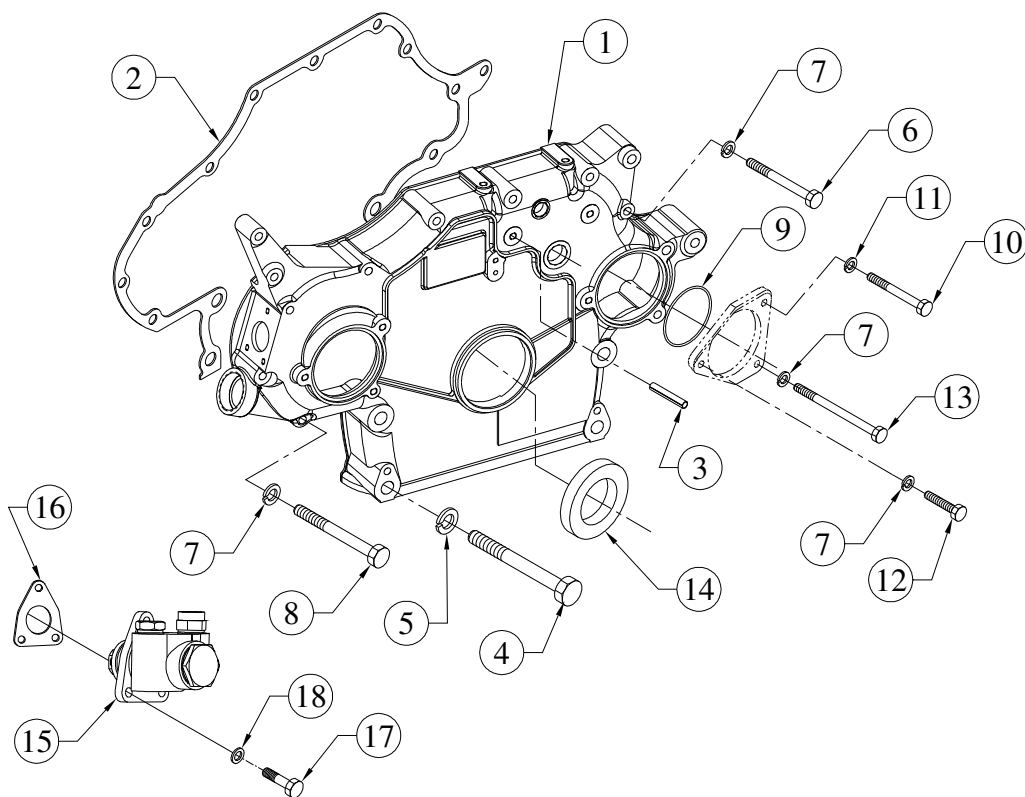
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	04.024.10.0.00	SUBASLY OF F.W.&STARTER RING	1	CONSIST OF SR. NO.- 2 & 3
2	03.035.02.0.00	STARTER RING HA	1	
3	04.024.01.0.00	FLYWHEEL(C-108 PTO,FLEXIBLE COUP.CENTA)	1	NOT SUPPLIED LOOSE
4	04.024.02.0.00	BOLT FOR FLYWHEEL (M10X45 LONG)	10	

TITLE: - FLYWHEEL HSG (SAE4)
GROUP :- 03.108


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	03.108.03.0.00	SAE 4 FLYWHEEL HOUSING SUITABLE FOR DOWEL MTG.	1	
2	50.011.10.030	SOCKET HEAD SCREW - M10X1.5X30 - 8.8	6	
3	50.011.10.120	SOCKET HEAD SCREW - M10X1.5X120 - 8.8	3	
4	50.505.10.000	SPRING WASHER - M10	9	
5	03.086.02.0.00	COVER FOR FLY WHEEL HSG	1	
6	50.003.08.016	SET SCREW - M8X1.25X16 - 8.8	4	
7	50.505.08.000	SPRING WASHER - M8	4	
8	02.052.05.0.00	DOWEL WITH FLATS BETWEEN CRANK CASE & F W HSG	1	
9	02.052.04.0.00	CYLINDRICAL DOWEL BETWEEN CRANKCASE & F W HSG	1	

TITLE :- FRONT COVER (BELT GUARD) STAGE - 2	GROUP :- 03.049.2
	

[illegible]

TITLE: - FRONT COVER (CMVR STAGE III)
GROUP: - 03.731.4


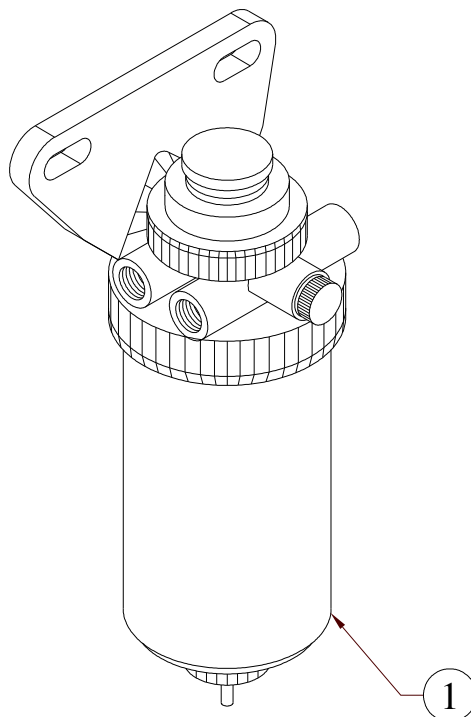
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	03.731.05.0.00	FRONT COVER (FINISH) WITH FEED PUMP ARRENGMENT FOR HA494TC CMVR III	1	
2	03.013.12.0.00	JOINT FOR FRONT COVER (ASBESTOSS FREE)	1	
3	50.540.10.045.	SPRING DOWEL (6 X 45)	1	
4	50.052.14.100.	SET BOLT	4	
5	50.505.14.000.	SPRING WASHER - M14	4	
6	50.002.08.070.	SET BOLT - M8X1.25X70 - 8.8	2	
7	50.505.08.000.	SPRING WASHER - M8	7	
8	50.002.08.075.	SET BOLT - M8X1.25X75 - 8.8	1	
9	03.013.11.0.00	O RING (3.2 X 78 SILICONE)	1	
10	50.002.10.080.	SET BOLT - M10X1.5X80 - 8.8	1	
11	50.505.10.000.	SPRING WASHER - M10	1	
12	50.003.08.016.	SET SCREW - M8X1.25X16 - 8.8	1	
13	50.002.08.090.	SET BOLT - M8X1.25X90 - 8.8	1	
14	03.013.06.0.00	OIL SEAL (65X85X13)(CR MAKE)	1	

[illegible]

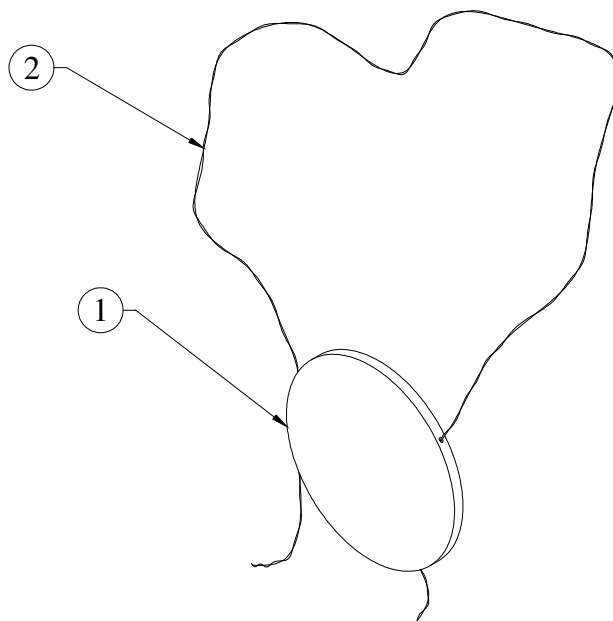
[illegible]

TITLE: - FUEL FILTER ASSEMBLY
(STANADYNE 5 MICRON S/F
HA694 TC SA)

GROUP: - 06.474.10

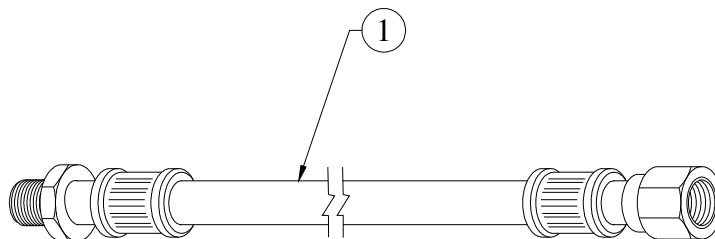


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.474.10.0.00	FUEL FILTER ASSEMBLY (STANADYNE 5 MICRON S/F HA694 TC SA)	1	

[illegible]

**TITLE: - FUEL LEAK OFF PIPE M12x1.5 MALE
PLUG x M16x1.5 UNION, 2800 L.**

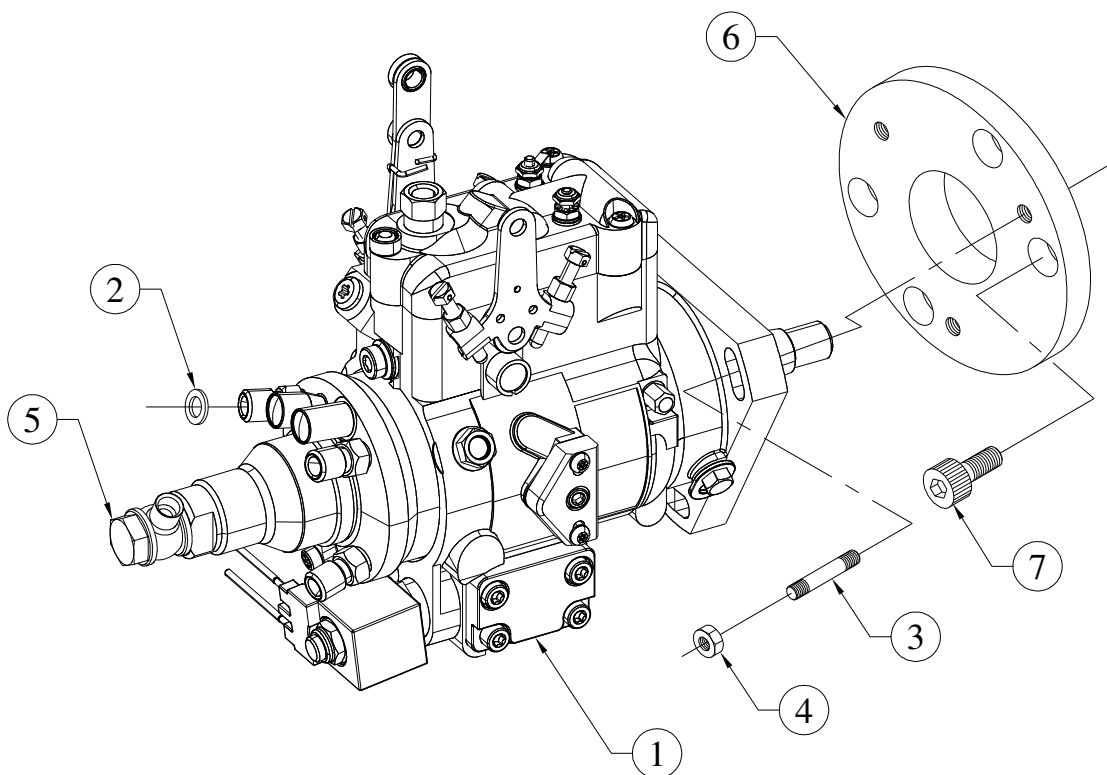
GROUP: - 06.379.11



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.379.11.0.00	FUEL LEAK OFF PIPE M12x1.5 MALE PLUG x M16x1.5 UNION, 2800 L.	1	

TITLE: - FUEL PUMP (VARIABLE SPEED – CMVR STAGE III)

GROUP: - 04.416.8

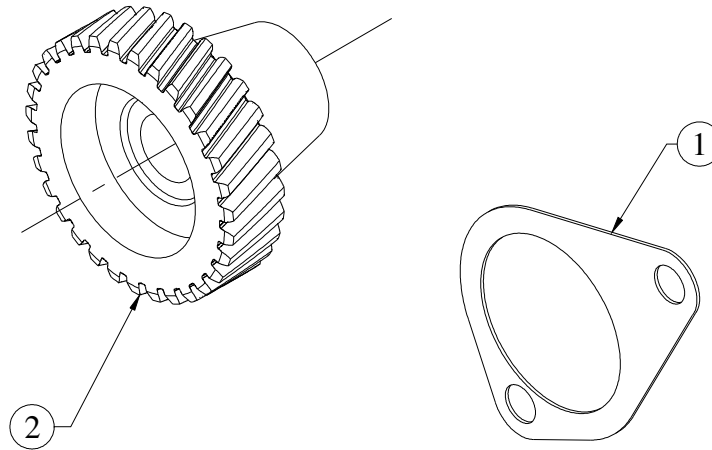


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.416.50.0.00	FUEL PUMP FOR HA494 TIER III ENGINE (MAKE : STANADYNE)	1	
2	50.508.10.000.	COPPER WASHER (12X18)	4	
3	50.010.08.025.	STUD - M8X1.25X025 - 8.8	3	
4	02.022.24.0.00	NUT M8 (BRASS)	3	
5	04.474.05.0.00	BANJO BOLT.	2	
6	04.725.02.0.00	ADAPTOR FOR ROTARY FUEL PUMP MOUNTING FOR HA ENGINES	1	
7	50.011.10.020.	SOCKET HEAD SCREW - M10X1.5X20 - 8.8	4	

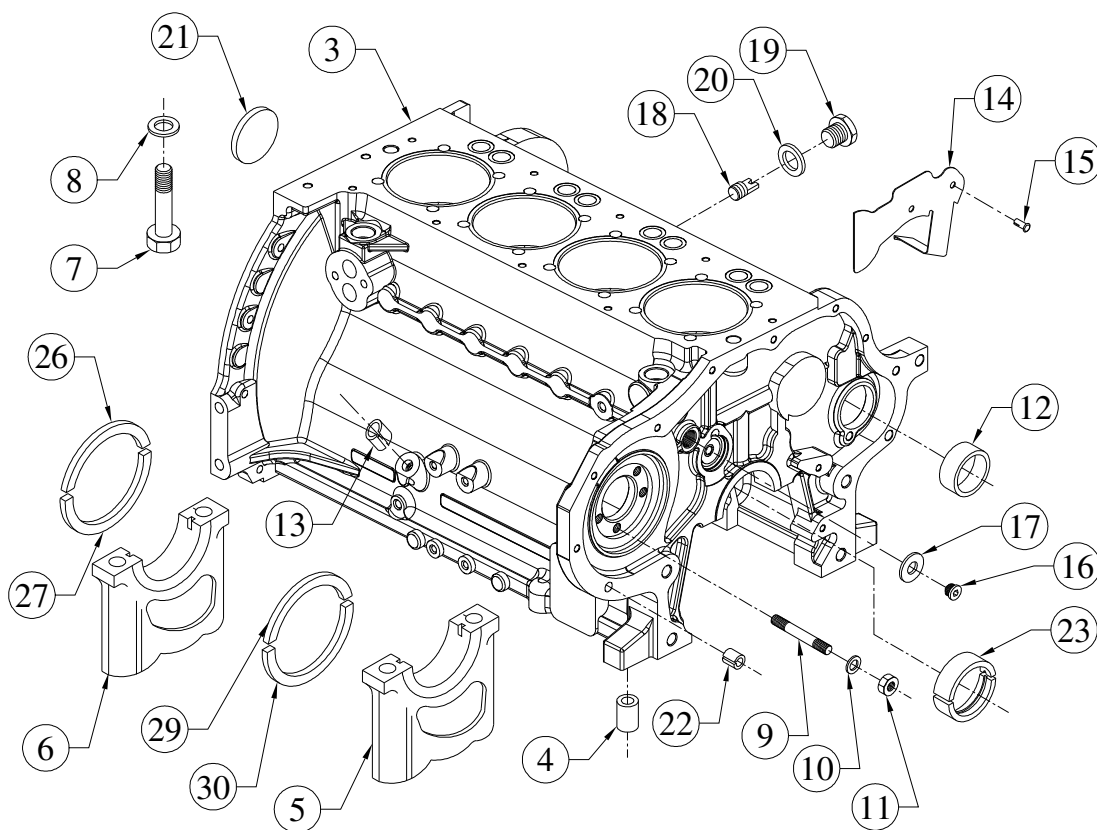
TITLE: - FUEL PUMP GEAR FOR HA494TC CMVR III ENGINE	GROUP: - 04.266.2

[illegible]

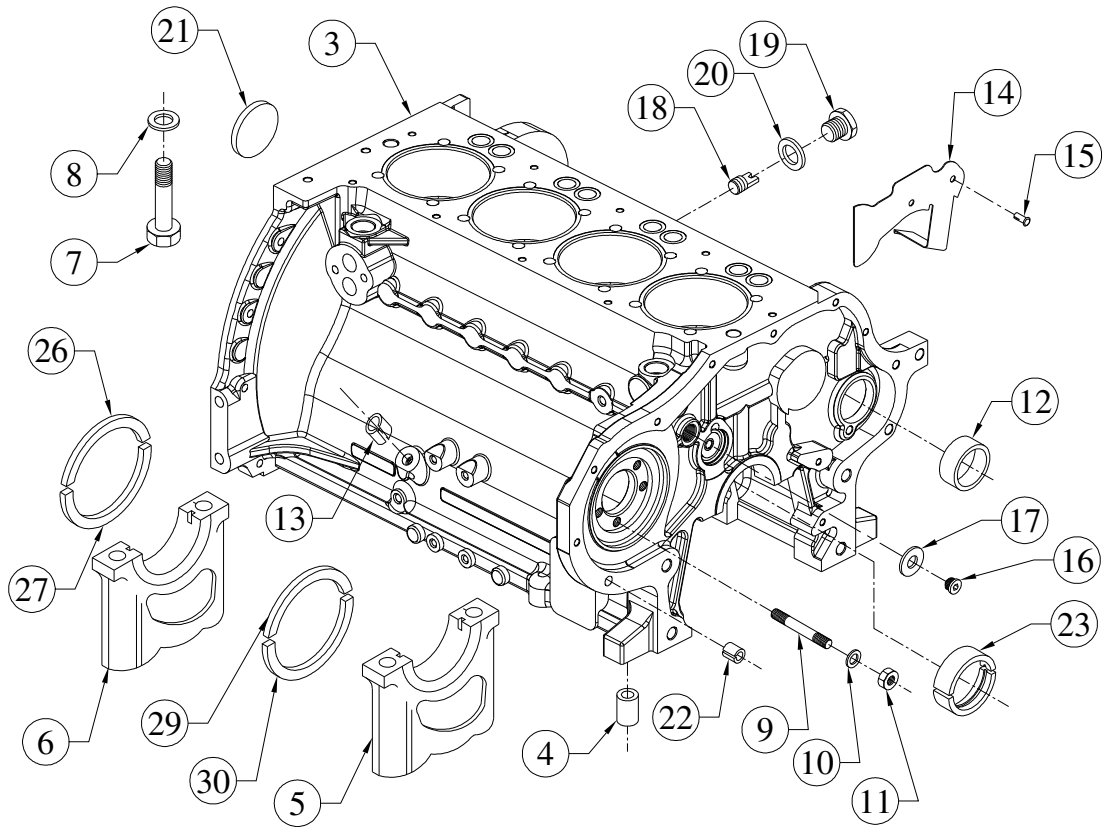
[illegible]

TITLE :- GEAR FOR HYD PUMP
GROUP :- 06.114


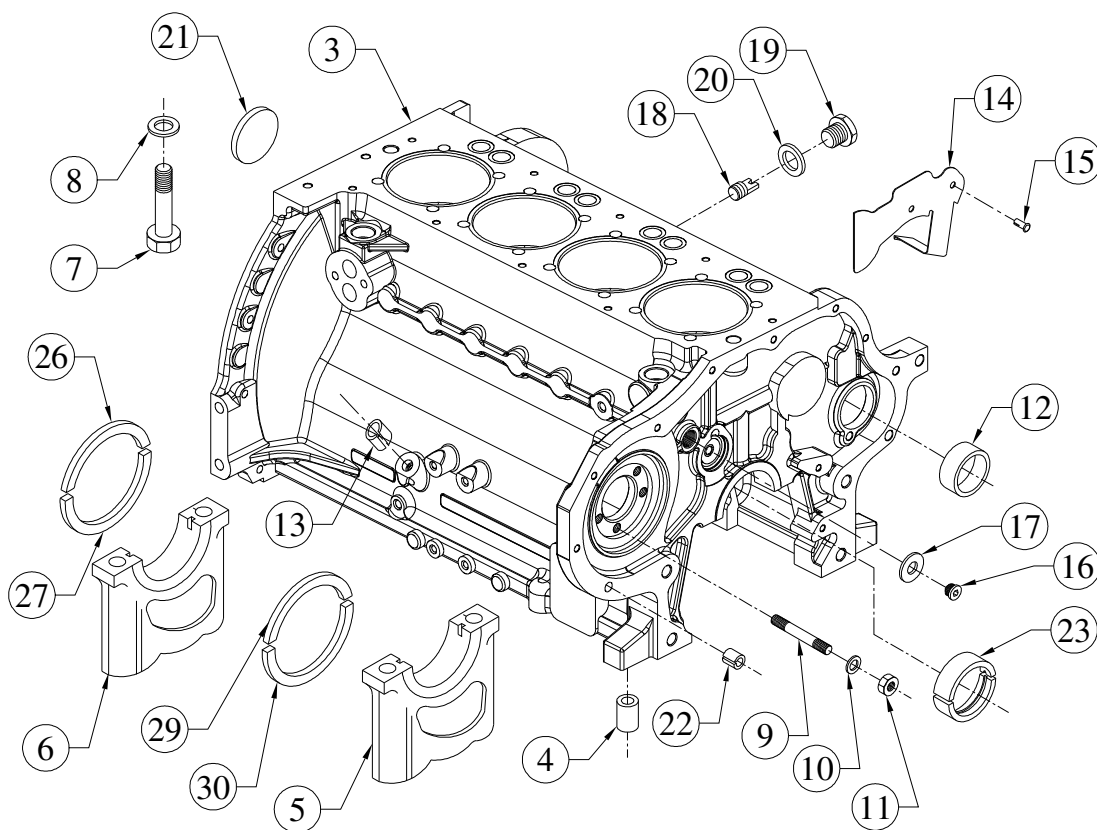
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.032.02.0.00	JOINT	1	
2	04.032.03.0.00	HYDRAULIC PUMP GEAR	1	

TITLE: - CRANKCASE HA4 VAVE
GROUP: - 04.303.2


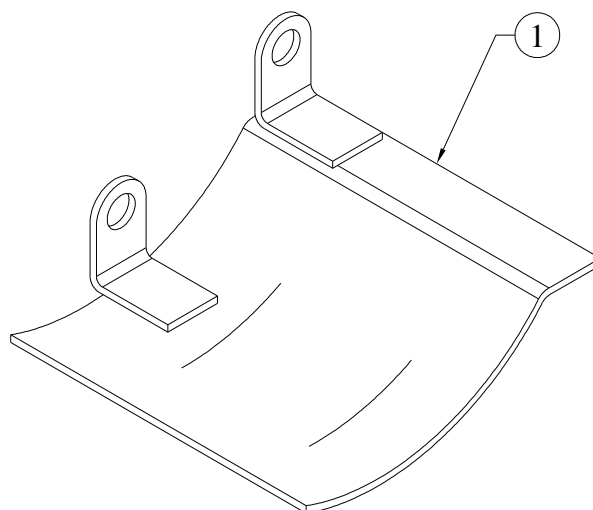
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	04.001.90.0.00	CRANKCASE ASSLY W/O BEARINGS	1	CONSISTING OF SR. NO. 2 & 9 TO 22
*2	04.001.80.0.00	CRANKCASE & CAP ASSLY (WITH BELL HSG (REDUCED WEIGHT)	1	CONSISTING OF SR. NO. 3 TO 8
3	04.001.12.0.00	CRANKCASE (MACHINING) (LIGHT WEIGHT)	1	NOT SUPPLIED LOOSE
4	B2.005.16.0.00	HOLLOW DOWEL(M.B.CAP)	10	
5	03.001.23.0.00	M.B.CAP (FWE) 16.99 DIA.DOWEL HOLE	1	NOT SUPPLIED LOOSE
6	03.001.24.0.00	M.B.CAP (KHD) 16.99DIA DOWEL HOLES	4	NOT SUPPLIED LOOSE
7	03.001.22.0.00	BOLT FOR MB CAP (HEX HEAD) M14X2X128	10	
8	02.001.04.0.00	SPECIAL WASHER FOR M14 BOLT	10	
9	03.001.12.0.00	PRECOATED STUD (FOR FUEL PUMP MOUNTING)	4	

TITLE: - CRANKCASE HA4 VAVE
GROUP: - 04.303.2


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
10	03.001.25.0.00	WASHER(FOR FUEL PUMP MTG)	4	
11	50.006.10.000.	NUT - M10X1.5 - GR.8.8	4	
12	03.001.04.0.00	CAM BUSH	1	
13	02.037.04.0.00	DIPSTICK GUIDE	1	
14	02.519.06.0.00	DEFLECTOR PLATE (HA - LIGHT WEIGHT C'CASE)	1	
15	50.543.09.010.	NOTCHED PIN	2	
16	04.001.08.0.00	PRECOATED SCREW PLUG	2	
17	50.508.18.000.	COPPER WASHER (20X24)	2	
18	03.001.07.0.00	SLOTTED PIN	5	
19	50.610.12.000.	CORE PLUG	5	
20	50.508.10.000.	COPPER WASHER (12X18)	5	
21	02.001.13.0.00	DISC PLUG	1	
22	02.001.14.0.00	SPLIT BUSH	2	
23	02.001.07.0.00	MAIN BRG TOP & BOTTOM	5	CONSISTING OF SR. NO. 24 REFER TO SET OF BEARINGS INDEX PAGE

TITLE: - CRANKCASE HA4 VAVE
GROUP: - 04.303.2


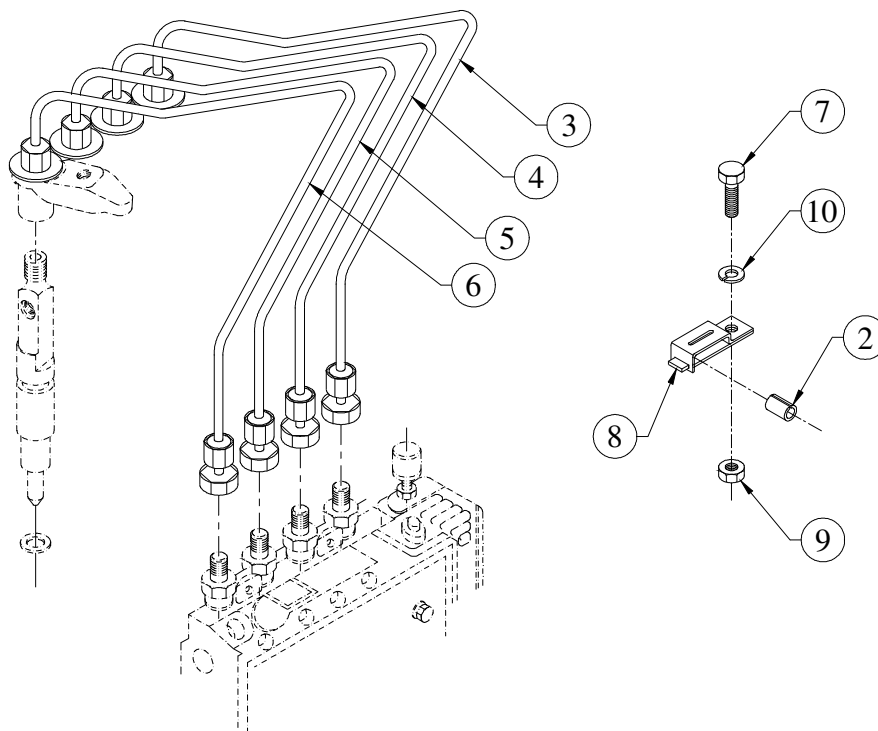
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*24	02.001.87.0.00	MAIN BEARING HALF(STANDARD)	2	NOT ILLUSTRATED
*25	03.001.18.0.00	THRUST RING PAIR-DRIVE END, 102 DIA.)	1	CONSISTING OF SR. NO. 26, 27
26	03.001.19.0.00	THRUST WASHER -DRIVE END, TOP	1	
27	03.001.21.0.00	THRUST WASHER (DRIVE END, BOTTOM)	1	
*28	B2.005.22.0.00	THRUST RING PAIR-G.E.	1	CONSISTING OF SR. NO. 29, 30
29	B2.005.18.0.00	THRUST RING HALF(G.E.-TOP)	1	
30	B2.005.19.0.00	THRUST RING HALF (G.E.-BOTTOM)	1	

TITLE: - HEAT SHIELD FOR TURBOCHARGER
GROUP: - 04.750.1


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.750.03.0.00	HEAT SHIELD FOR TURBOCHARGER	1	

**TITLE: - HIGH PRESSURE PIPES (HA494TC
CMVR STAGE III ENGINE)**

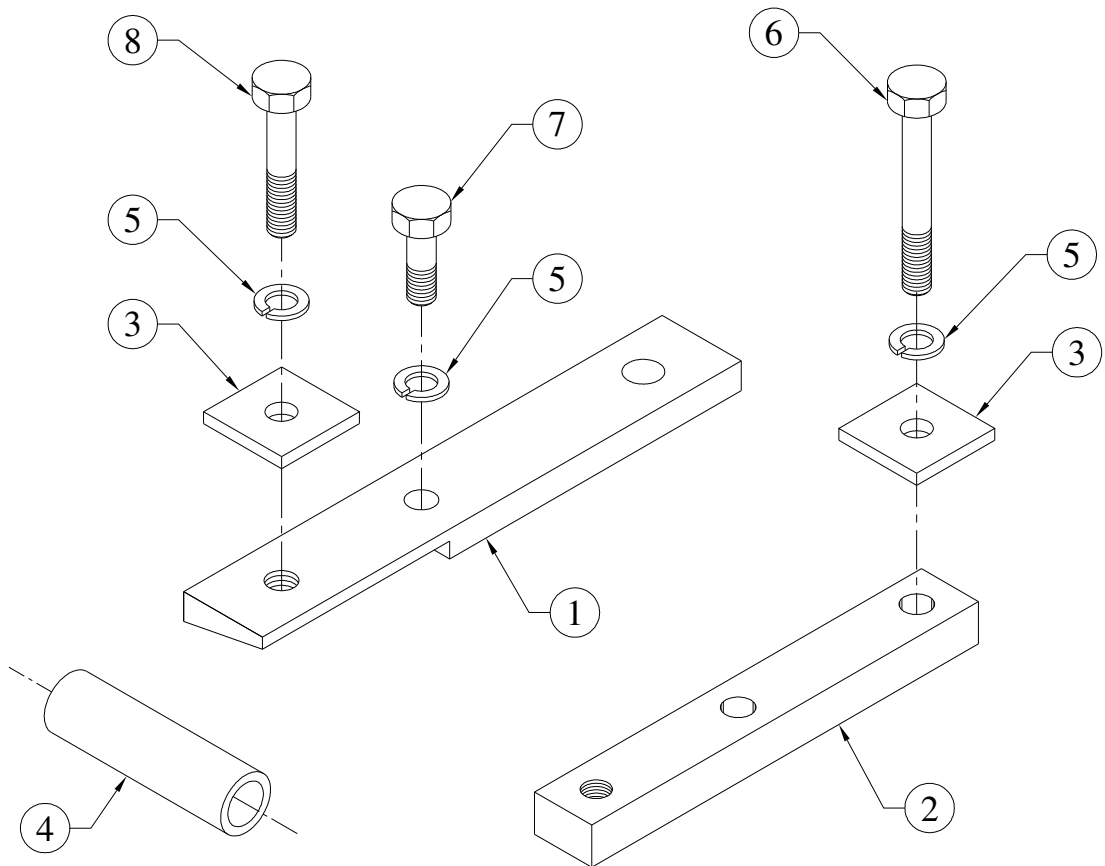
GROUP: - 04.785



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	04.785.90.0.00	HIGH PRESSURE PIPE ASSLY.	1	CONSISTING OF SR. NO. 2 TO 10
2	02.036.03.0.00	RUBBER SLEEVE	3	
3	04.785.10.0.00	HIGH PRESSURE PIPE ASSLY.CYL.1	1	
4	04.785.20.0.00	HIGH PRESSURE PIPE ASSLY.CYL.2	1	
5	04.785.30.0.00	HIGH PRESSURE PIPE ASSLY.CYL.3	1	
6	04.785.40.0.00	HIGH PRESSURE PIPE ASSLY. CYL. 4	1	
7	50.003.06.014.	SET SCREW - M6X1X14 - 8.8	1	
8	50.541.02.000.	PIPE CLIP. (FOR 3 PIPES)	1	
9	50.006.06.000.	NUT - M6X1 - GR.8.8	1	
10	50.505.06.000.	SPRING WASHER - M6	1	

TITLE :- HOC (0609901000) MTGS.
ON SAE 4 F.W. HSG.

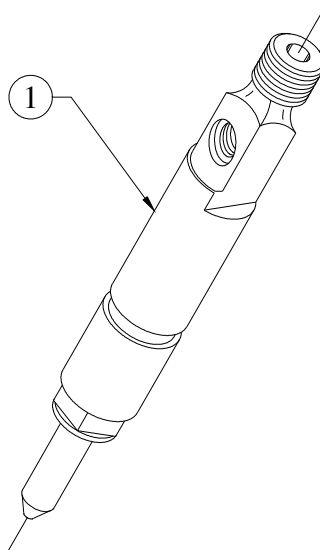
GROUP :- 06.522



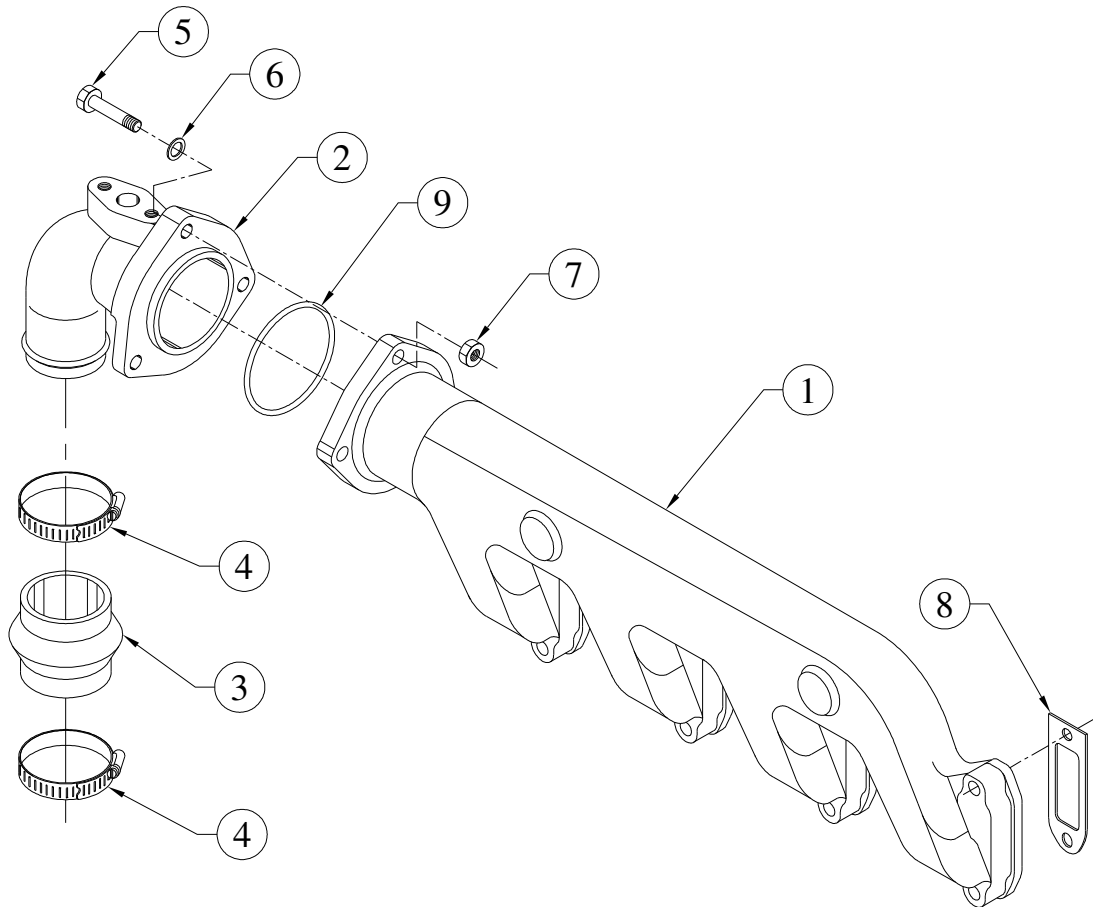
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.082.02.0.00	MOUNTING PLATE (L.O.FILTER SIDE)	1	
2	06.082.03.0.00	MOUNTING PLATE (STARTER SIDE)	1	
3	03.109.03.0.00	SPACIAL WASHER	4	
4	06.082.04.0.00	SPACER FOR OIL COOLER ON SAE4(11X20X12.5	4	
5	50.505.10.000.	SPRING WASHER - M10	6	
6	50.002.10.075.	SET BOLT - M10X1.5X75 - 8.8	2	
7	50.002.10.045.	SET BOLT - M10X1.5X45 - 8.8	2	
8	50.002.10.050.	SET BOLT - M10X1.5X50 - 8.8	2	

TITLE: - INJECTOR AND NOZZLE
(HA SERIES, CMVR STAGE III)

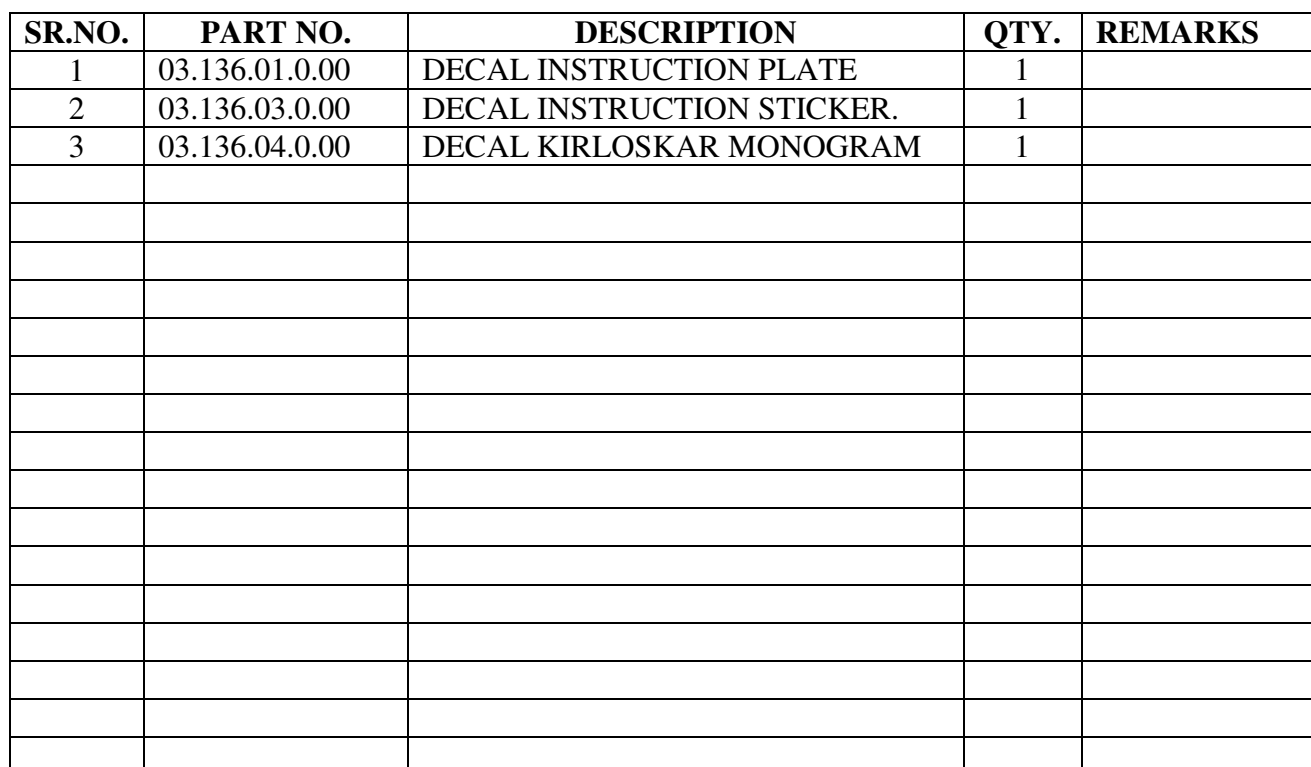
GROUP: - 02.688.1

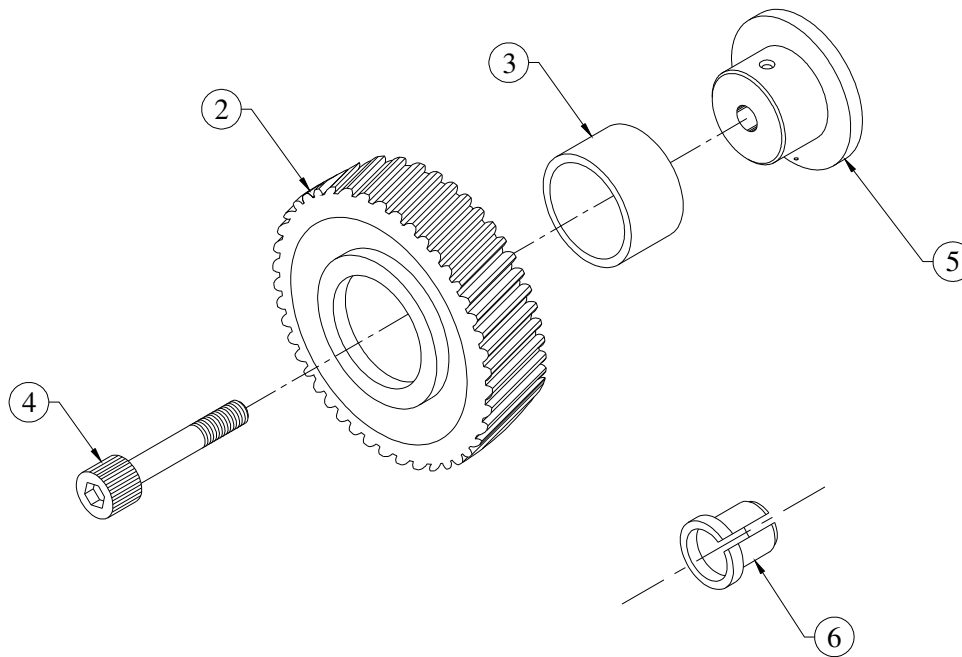


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	02.447.15.0.00	RSN INJECTOR FOR HA CMVR III ENGINE	1	

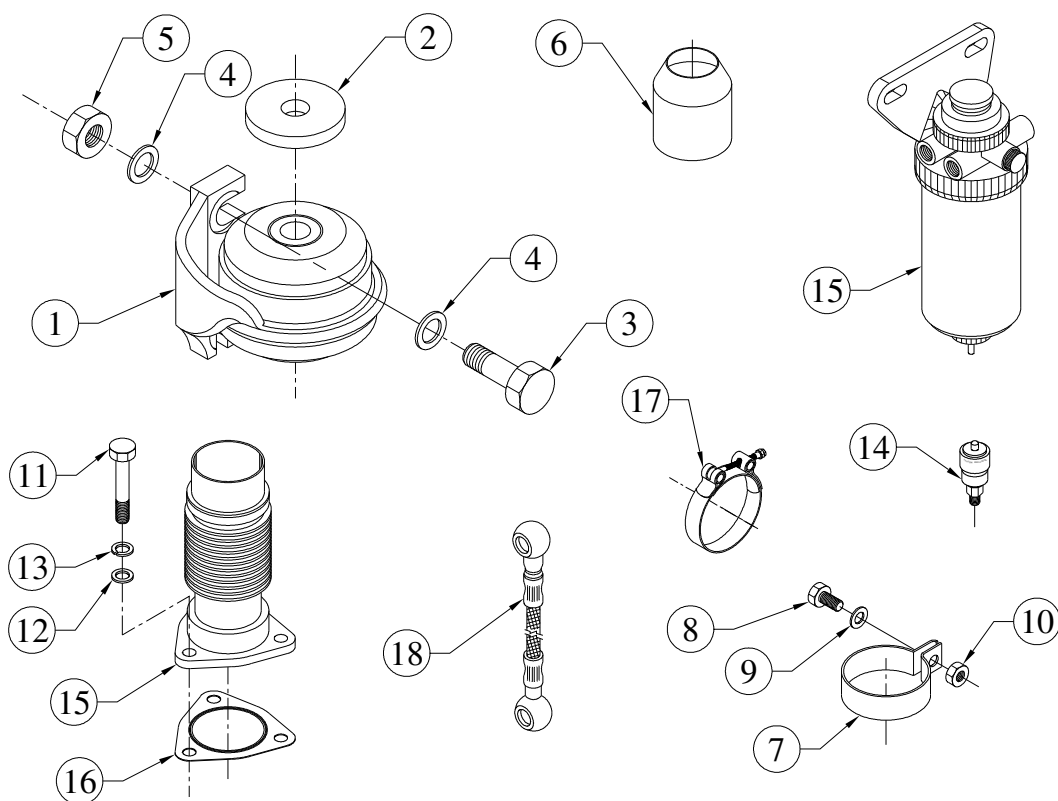
TITLE: - INLET MANIFOLD (CMVR STAGE III)
GROUP: - 04.564.3


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.564.01.0.00	AIR INLET MANIFOLD (FOR TURBO)	1	
2	04.564.06.0.00	AIR INLET BEND - TC TO INLET MANIFOLD (HA4 BS III)	1	
3	4H.168.03.0.00	RUBBER HOSE(COMPRESSOR OUTLET)-K24 TURBO	1	
4	50.519.11.000.	WORM DRIVE HOSE CLIP (61 MM)	2	
5	50.002.08.040.	SET BOLT - M8X1.25X40 - 8.8	3	
6	10.020.03.0.00	HARD WASHER (F)	3	
7	50.006.08.000.	NUT- M8X1.25 - GR.8.8	3	
8	02.058.07.0.00	JOINT FOR AIR INLET MANIFOLD (ASBESTOSS FREE)	4	
9	F6.167.03.0.00	O RING. (68X3 TGL 6365)CO.STD.21509	1	

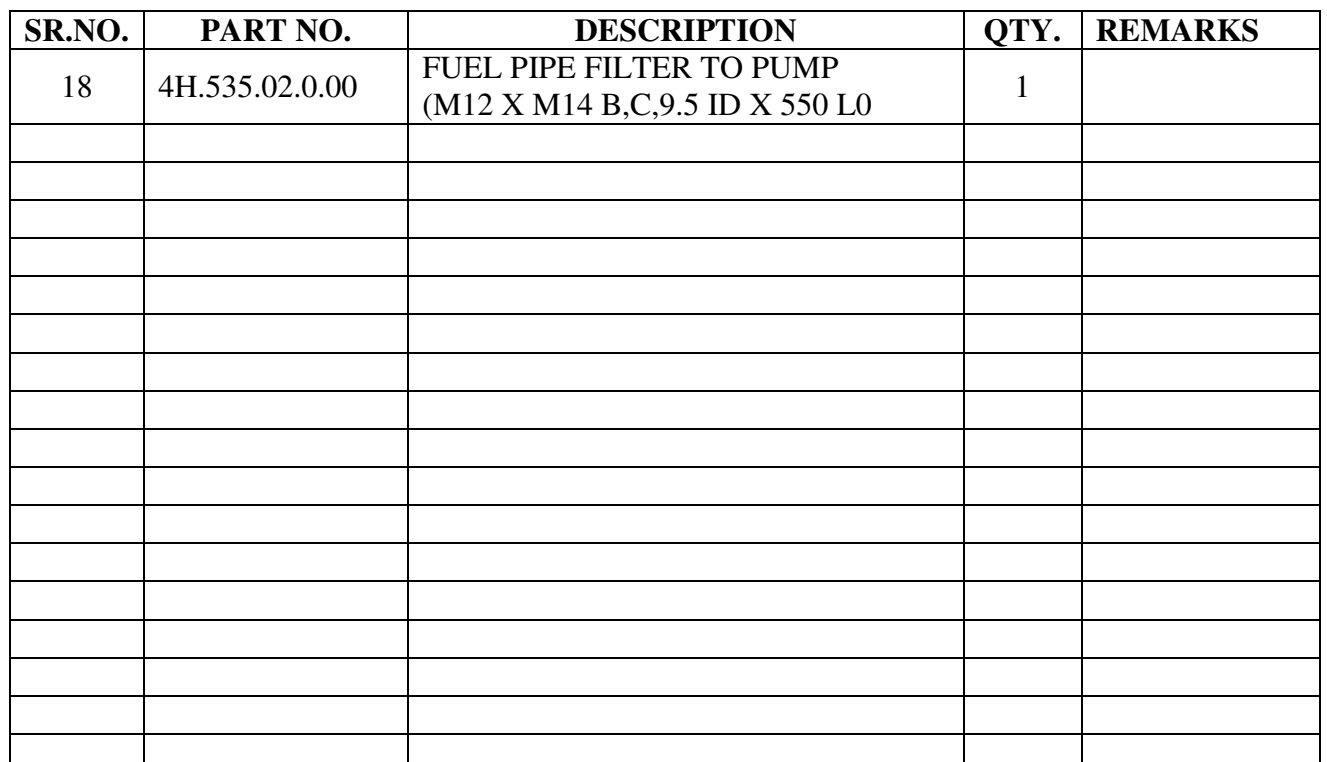


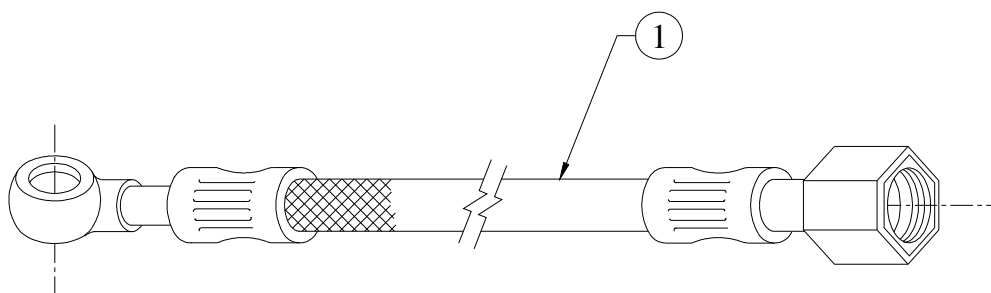
TITLE :- INTERMEDIATE GEAR
GROUP :- 03.008


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	03.008.10.0.00	INTERMEDIATE GEAR ASSLY	1	CONSIST OF SR. NO. 2 & 3
2	03.008.01.0.00	INTERMEDIATE GEAR	1	NOT SUPPLIED LOOSE
3	03.008.02.9.00	BEARING BUSH FOR INTERMEDIATE GEAR	1	
4	50.076.10.060.	SOCKET HEAD CAP SCREW-M10X60-12.9	1	
5	03.008.05.0.00	INTERMEDIATE GEAR SUPPORT	1	
6	03.008.06.0.00	SPLIT BUSH FOR SUPPORT	1	

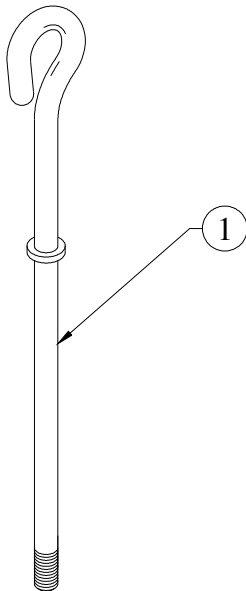
TITLE: - KIT GROUP (FOR 04.3502- BS-III-ECEL)
GROUP: - 04.597.1


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.030.20.0.00	ASSEMBLY OF A.V.MTG (HARD)	4	
2	04.030.02.0.00	WASHER(TOP)	4	
3	50.052.12.045.	SET BOLT-M12X45-10.9	8	
4	02.005.04.0.00	HARD WASHER (13 I.D X 21 O.D X 1.5 TH)	16	
5	50.006.12.000.	NUT - M12X1.75 - GR.8.8	11	
6	06.309.02.0.00	RAIN CAP ASSLY	1	
7	06.309.04.0.00	CLAMP FOR EXHAUST PIPE	1	
8	50.003.10.020.	SET SCREW - M10X1.5X20 - 8.8	1	
9	50.506.10.000.	PLAIN MACHINED WASHER - M10	1	
10	50.006.10.000.	NUT - M10X1.5 - GR.8.8	1	
11	50.002.12.060.	SET BOLT - M12X1.75X60 - 8.8	3	
12	50.548.12.000.	SPL. PLAIN WASHER - M12	3	
13	50.505.12.000.	SPRING WASHER - M12	3	
14	04.588.05.0.00	RESTRICTION INDICATOR	1	
15	06.786.20.0.00	EXPANSION BELLOW	1	
16	06.786.03.0.00	JOINT FOR DIFFUSER	2	
17	KV0.505.13.0.00	HOSE T BOLT CLAMP FOR OD 130MM JUPITOR	2	

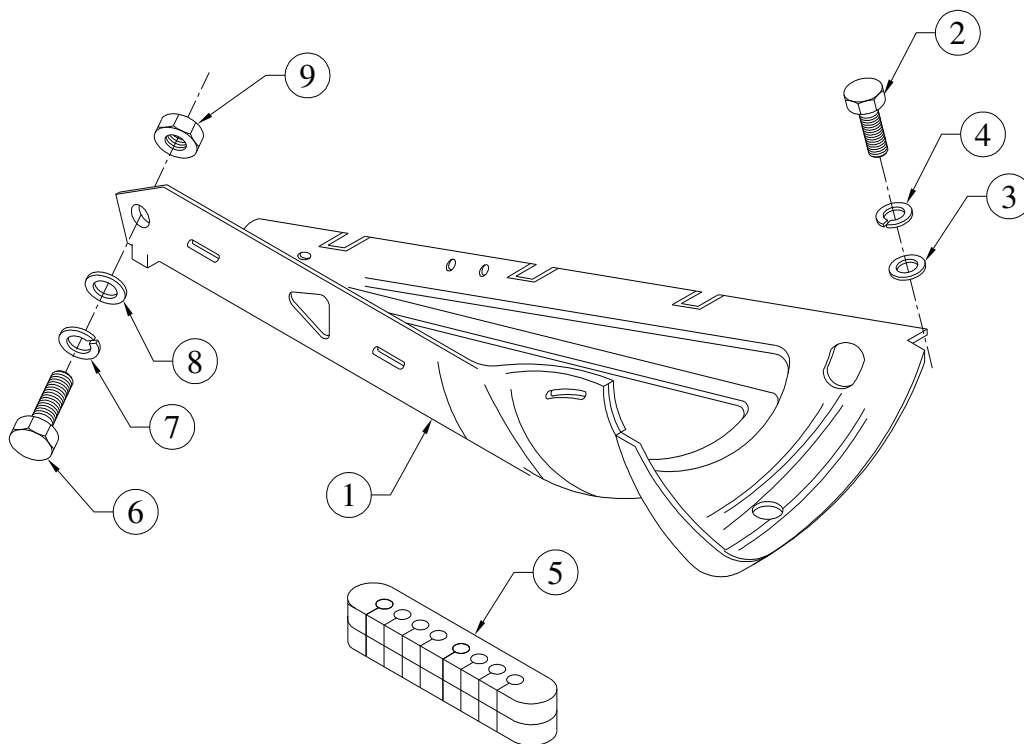


TITLE :- LEAK OFF CONNECTOR
GROUP :- 02.216


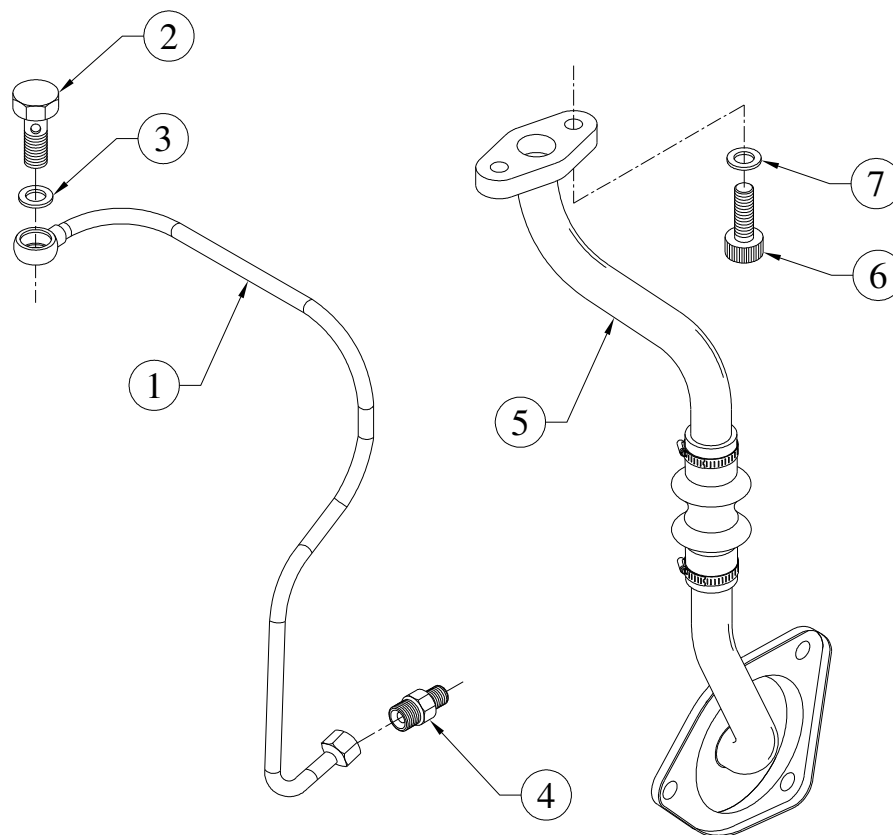
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	03.027.07.0.00	LEAK OFF PIPE	1	

TITLE :- LIFTING HOOK	GROUP :- 03.076
	

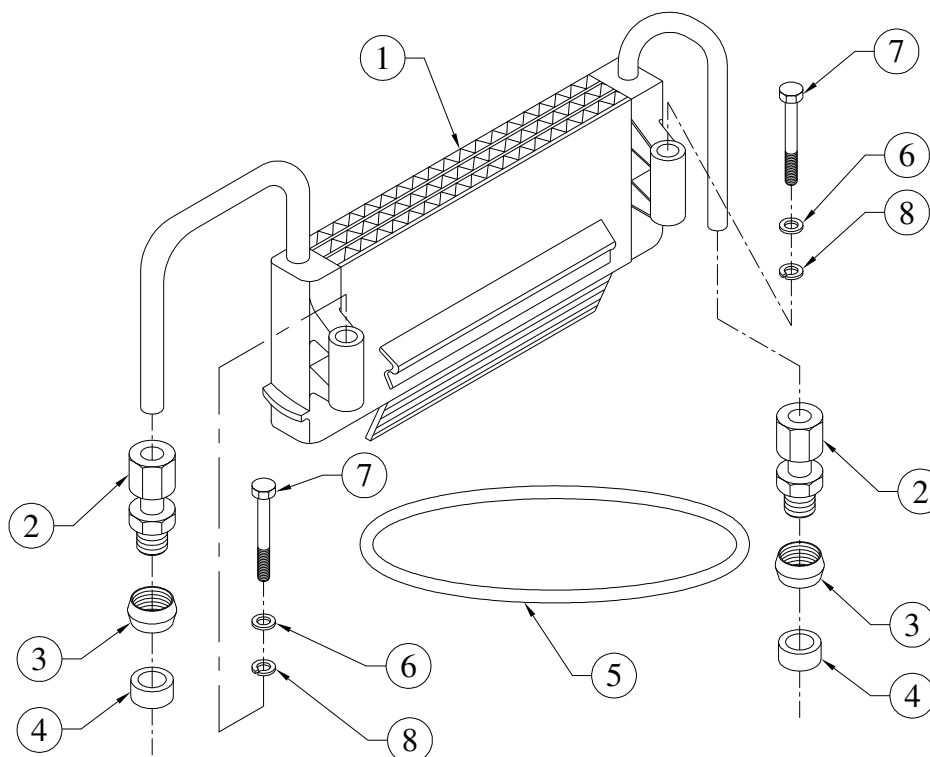
[illegible]

TITLE :- LOWER COWLING FOR HA494T BS III
GROUP :- 04.019.1


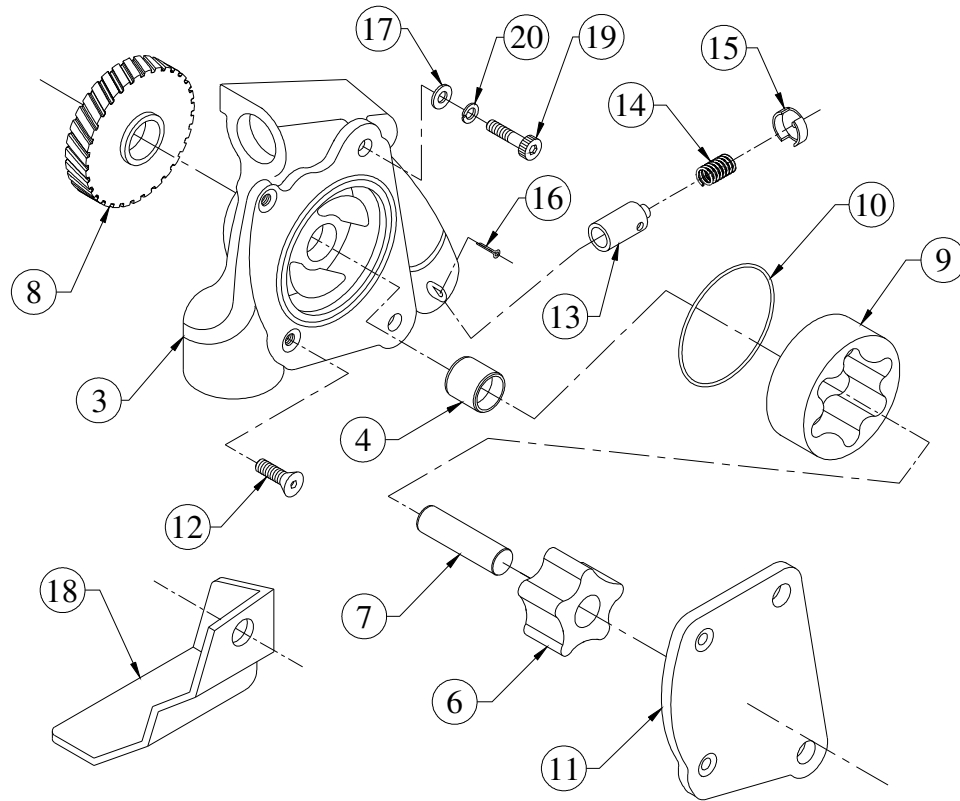
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.019.03.0.00	LOWER COWLING FOR HA494T BS III	1	
2	50.003.08.016.	SET SCREW - M8X1.25X16 - 8.8	2	
3	50.548.08.000.	SPL.PLAIN M/CED WASHER	2	
4	50.505.08.000.	SPRING WASHER - M8	2	
5	03.019.05.0.00	RUBBER GROMMET	1	
6	50.003.06.014.	SET SCREW - M6X1X14 - 8.8	2	
7	50.505.06.000.	SPRING WASHER - M6	2	
8	03.023.02.0.00	SPL. PLAIN WASHER - M6	2	
9	50.006.06.000.	NUT - M6X1 - GR.8.8	2	

TITLE: - LUB OIL CONNECTIONS FOR K16 TURBOCHARGER
GROUP: - 04.751


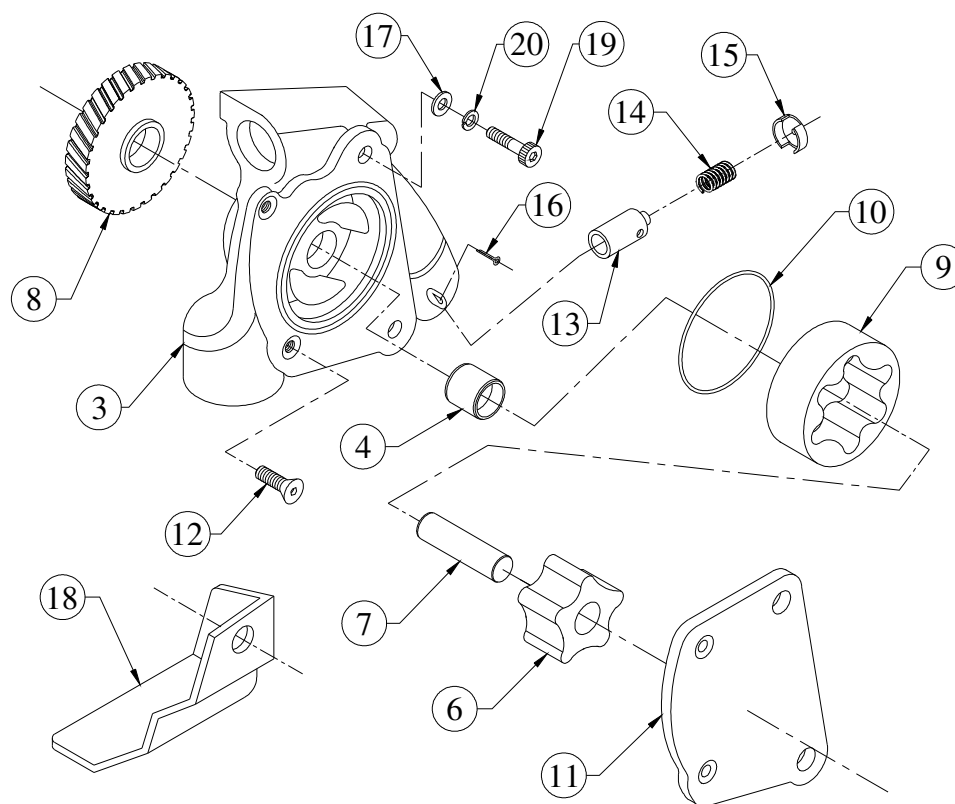
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.751.60.0.00	ASSEMBLY OF LUB. OIL INLET PIPE	1	
2	04.474.05.0.00	BANJO BOLT.	2	
3	50.508.10.000.	COPPER WASHER (12X18)	4	
4	04.574.06.0.00	ADAPTOR FOR LUB OIL PIPE ON CRANCKCASE	1	
5	04.751.30.0.00	LUB OIL DRAIN PIPE ASSEMBLY FOR HA494TC BSIII	1	
6	50.011.08.020.	SOCKET HEAD SCREW - M8X1.25X20 - 8.8	2	
7	50.506.08.000.	PLAIN MACHINED WASHER - M8	2	

TITLE :- LUB OIL COOLER FOR HA494T BS III
GROUP: - 04.020.1


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.020.03.0.00	LUB OIL COOLER FOR HA494TC ENGINE	1	
2	03.020.02.0.00	UNION SCREW	2	
3	03.020.03.0.00	DOUBLE CONE RING	2	
4	03.020.05.0.00	RUBBER BUSH	2	
5	04.019.04.0.00	SEALING RING FOR LUB OIL COOLER HA494T BS III	1	
6	50.548.08.000.	SPL.PLAIN M/CED WASHER	2	
7	50.002.08.075.	SET BOLT - M8X1.25X75 - 8.8	2	
8	50.505.08.000.	SPRING WASHER - M8	2	

TITLE :- LUB OIL PUMP
GROUP :- 06.010


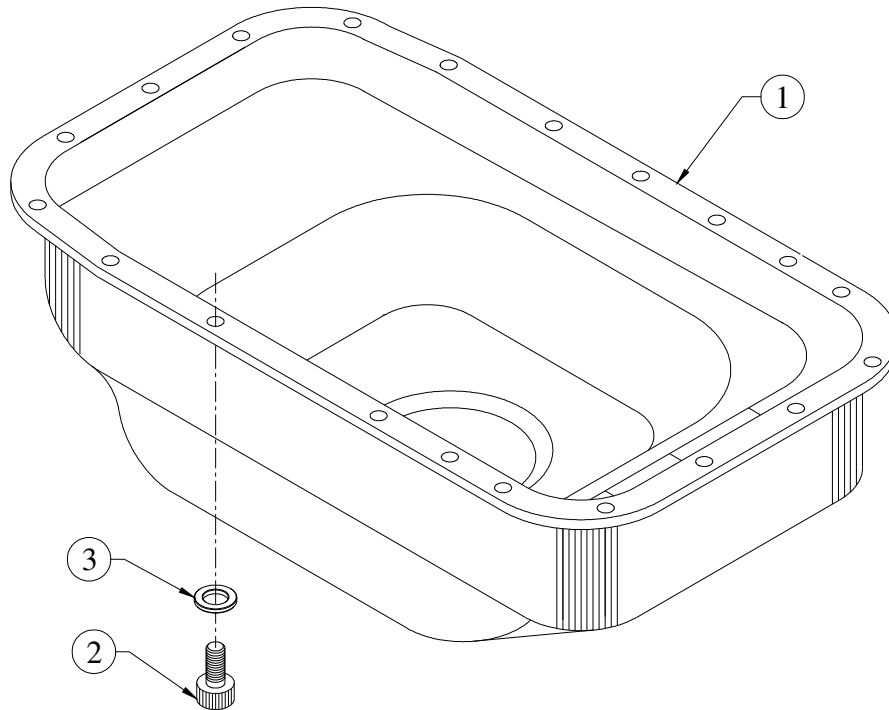
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	06.010.60.0.00	LUB OIL PUMP ASSLY.	1	CONSISTING OF SR. NO.- 2, 5, 8 TO 20
*2	06.010.15.0.00	SUB.ASSLY.OF L.O.PUMP BODY & BUSH.	1	CONSISTING OF SR. NO.- 3 & 4
3	06.010.11.0.00	LUBE.OIL PUMP BODY (FINISH)	1	NOT SUPPLIED LOOSE
4	03.010.05.0.00	BUSH FOR L.O.PUMP BODY	1	NOT SUPPLIED LOOSE
*5	06.010.70.0.00	ROTOR SUB.ASSLY.	1	CONSISTING OF SR. NO.- 6 & 7
6	06.010.16.0.00	INNER ROTOR (WITHOUT KEY)	1	NOT SUPPLIED LOOSE
7	06.010.18.0.00	SHAFT FOR INNER ROTOR	1	NOT SUPPLIED LOOSE
8	03.010.19.0.00	DRIVING GEAR (FOR LUB.OIL PUMP)	1	
9	06.010.17.0.00	OUTER ROTOR	1	NOT SUPPLIED LOOSE

TITLE: - LUB OIL PUMP
GROUP: - 06.010


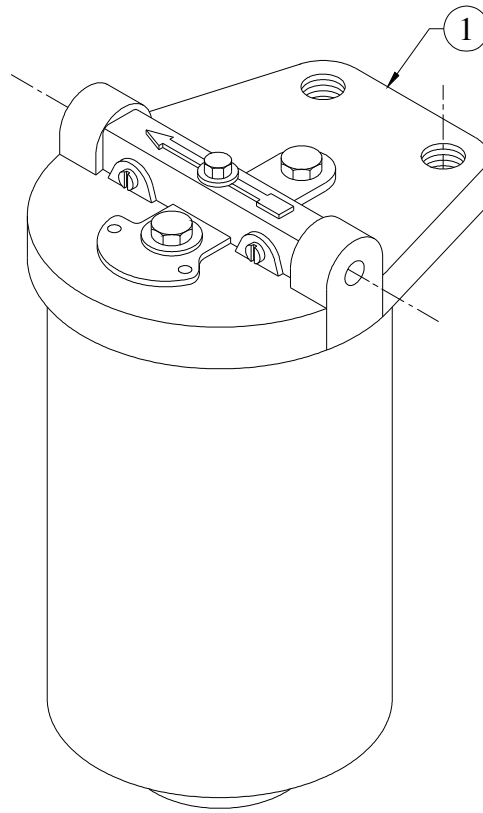
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
10	03.010.11.0.00	O RING - L.O.PUMP (1.57X65,21508)	1	
11	03.010.12.0.00	COVER PLATE HA3	1	NOT SUPPLIED LOOSE
12	06.010.01.0.00	COUNTER SUNK SOCKET HEAD SCREW.	2	
13	03.010.13.0.00	RELIEF VALVE	1	
14	03.010.14.0.00	SPRING FOR RELIEF VALVE	1	
15	03.010.15.0.00	CUP FOR SPRING	1	
16	50.036.07.010.	SPLIT COTTER PIN - 1/8"X1-1/2"	1	
17	06.010.07.0.00	WASHER	2	
18	03.010.02.0.00	SCREEN PLATE	2	
19	50.011.08.060	SOCKET HEAD CAP BOLT M8X60 LONG	4	
20	50.505.08.000	SPRING WASHER - M8	4	

**TITLE: - LUB OIL SUMP (FLAT FACE) –
FOR 2500 RPM**

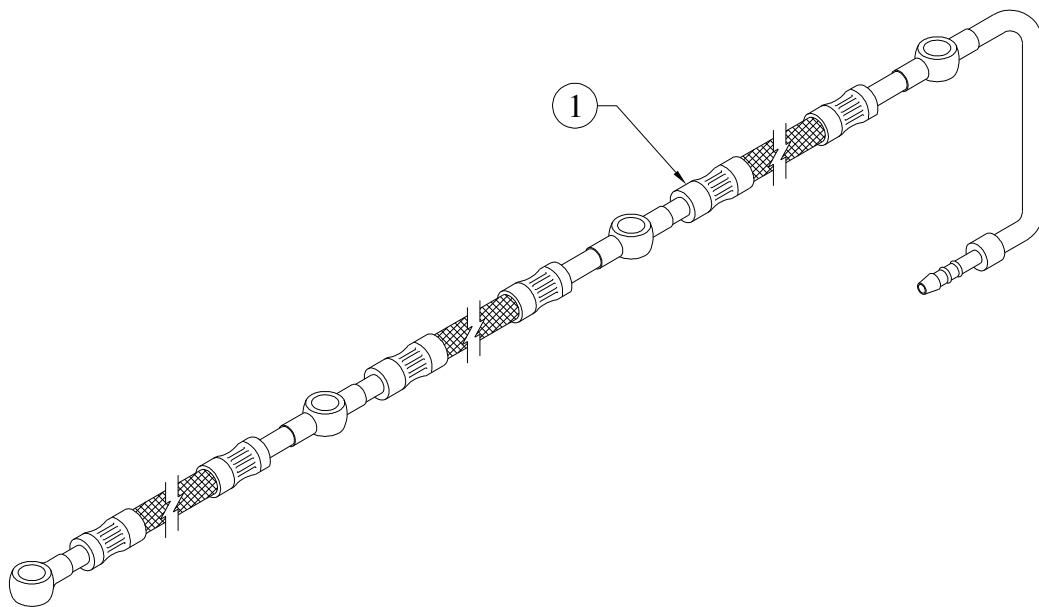
GROUP: - 04.417.1



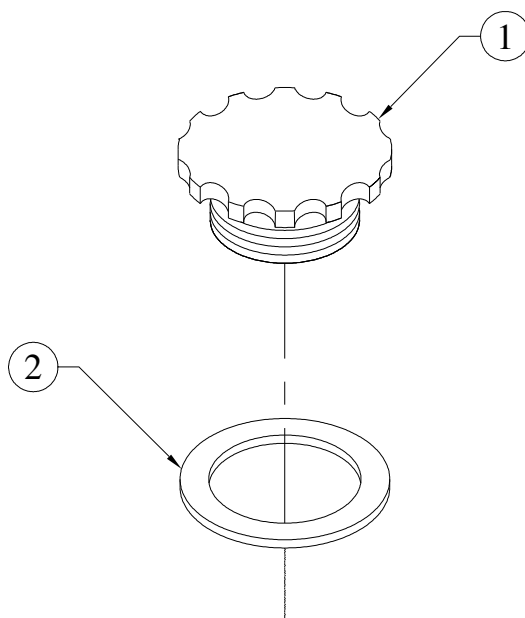
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.417.50.0.00	LUB OIL SUMP (FLAT FACE)	1	
2	50.011.08.016.	SOCKET HEAD SCREW - M8X1.25X16 - 8.8	21	
3	06.074.16.0.00	WASHER(SHEET METAL L.O.SUMP)	21	

TITLE:- MUD COLLECTOR FILTER (9450030200)
GROUP:- 43.075.20


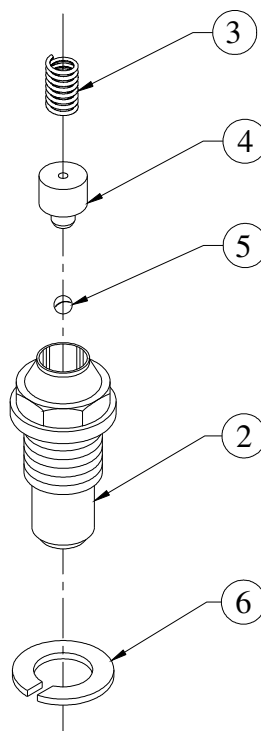
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	43.075.20.0.00	MUD COLLECTOR FILTER (9450030200)	1	

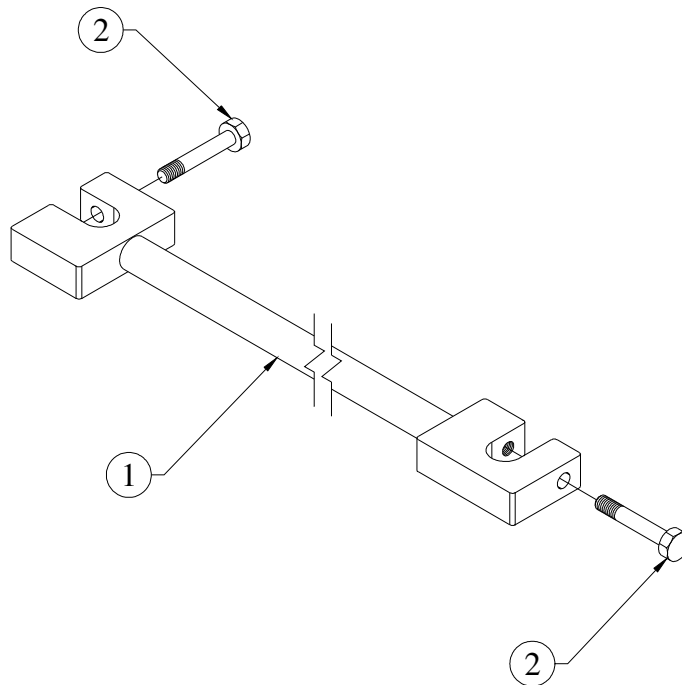
TITLE:- NOZZLE LEAK OFF PIPE (CPCB)
GROUP:- 04.815


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.815.20.0.00	NOZZLE LEAK OFF PIPE	1	

[illegible]

[illegible]

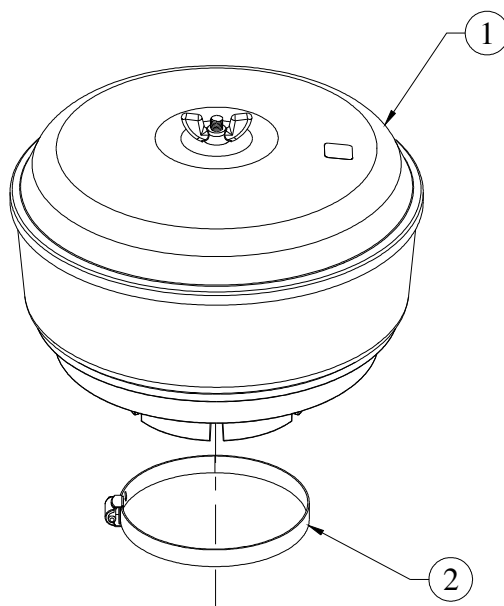
[illegible]

TITLE: - PLATE (FOR ENGINE LIFTING)
GROUP: - 04.058


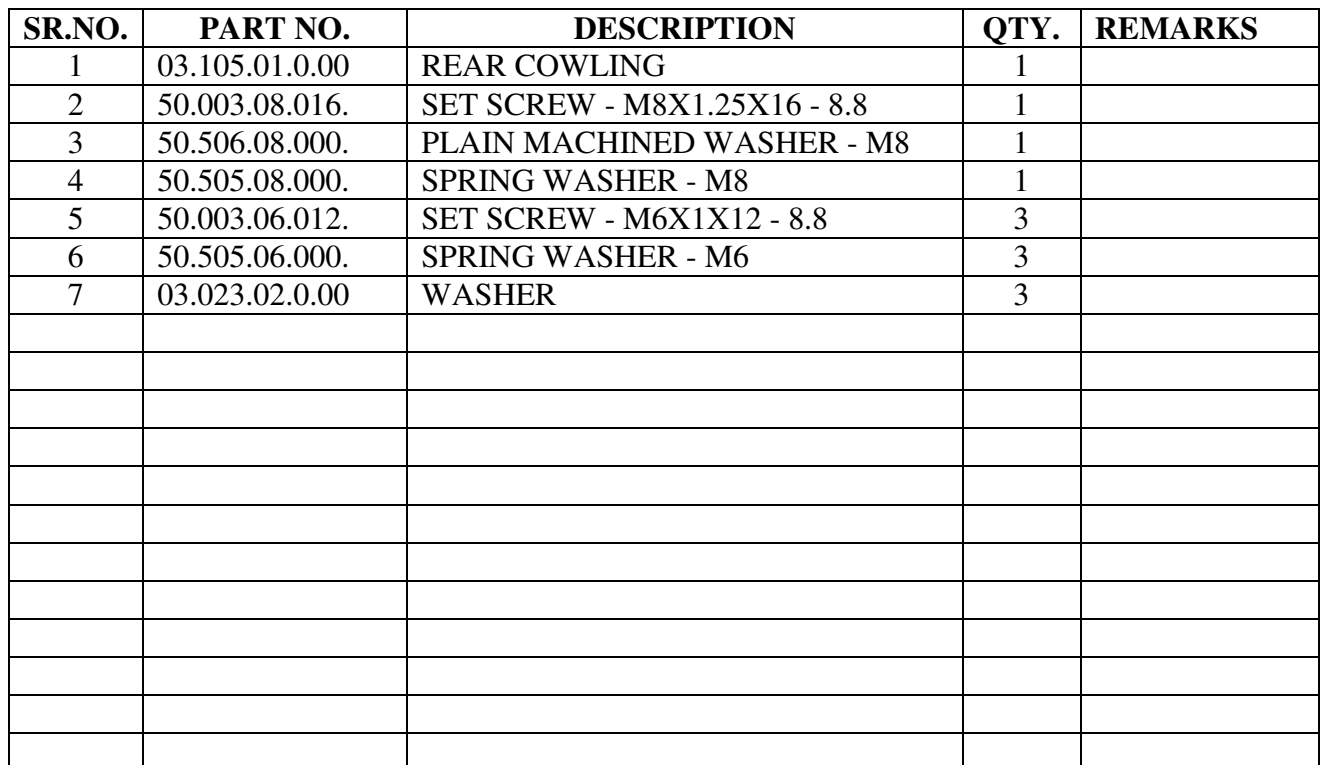
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.058.01.0.00	DISTANCE PIECE (FOR ENGINE LIFTING.)	1	
2	50.002.08.055	SET BOLT - M8X1.25X55 - 8.8	2	

TITLE: - PRE-CLEANER ASSLY.
(FOR DRY TYPE AIR CLEANER)

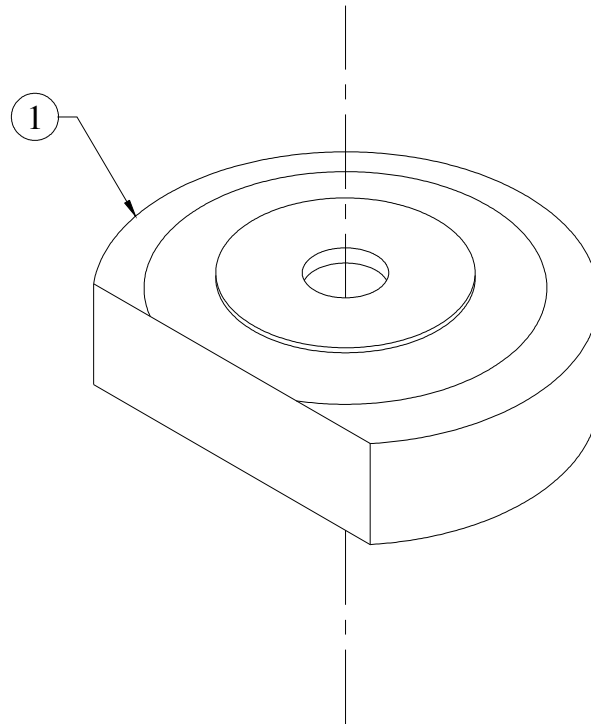
GROUP: - 06.550.20



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.550.20.0.00	PRE-CLEANER ASSLY. (FOR DRY TYPE AIR CLEANER)	1	CONSISTING OF SR. NO. 2
2	06.550.04.0.00	CLAMP FOR PRE CLEANER	1	



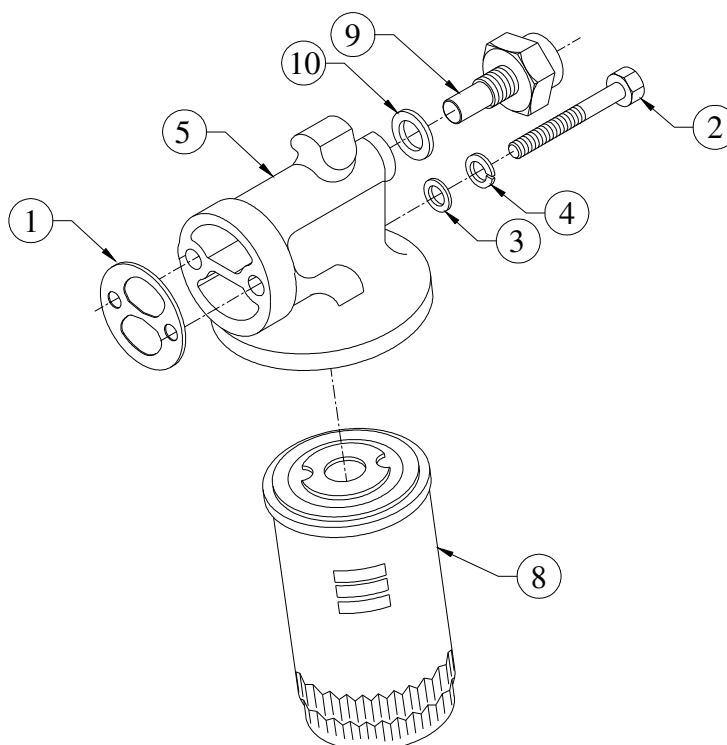
[illegible]

TITLE :- SPACER (BOTTOM) FOR A V MTG.
GROUP :- 04.080


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.080.01.0.00	SPACER (BOTTOM) FOR A V MTG	1	

TITLE :- SPIN-ON LUB OIL FILTER
& MTG HA394/494.

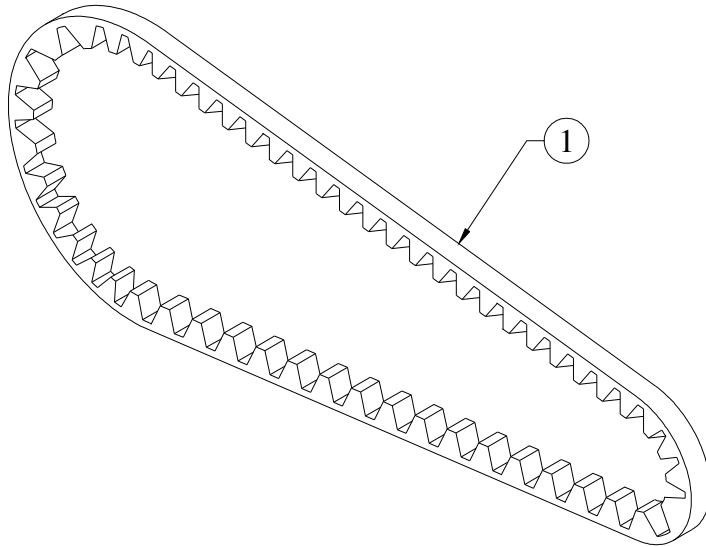
GROUP :- 04.446



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	03.040.07.0.00	JOINT FOR L.O FILTER (ASBESTOSS FREE)	1	
2	50.002.10.115.	SET BOLT - M10X1.5X115 - 8.8	2	
3	50.506.10.000.	PLAIN MACHINED WASHER - M10	2	
4	50.505.10.000.	SPRING WASHER - M10	2	
5	03.075.10.0.00	ADAPTOR FOR SPIN ON TYPE LOF	1	
*6	03.040.13.0.00	BUSH INSERT	1	NOT ILLUSTRATED
*7	03.075.01.0.00	STEEL INSERT(CENTRAL)	1	NOT ILLUSTRATED
8	04.270.01.0.00	SPIN ON FILTER FOR LUBRICATING OIL	1	
9	03.067.01.0.00	ADAPTOR FOR TEMP GUAGE	1	
10	50.508.08.000.	COPPER WASHER (10X16)	1	

**TITLE: -SPZ SECTION V BELT (COGGED) FOR
79 PCD BLOWER PULLEY (LP 1264 MM)**

GROUP: - 04.668

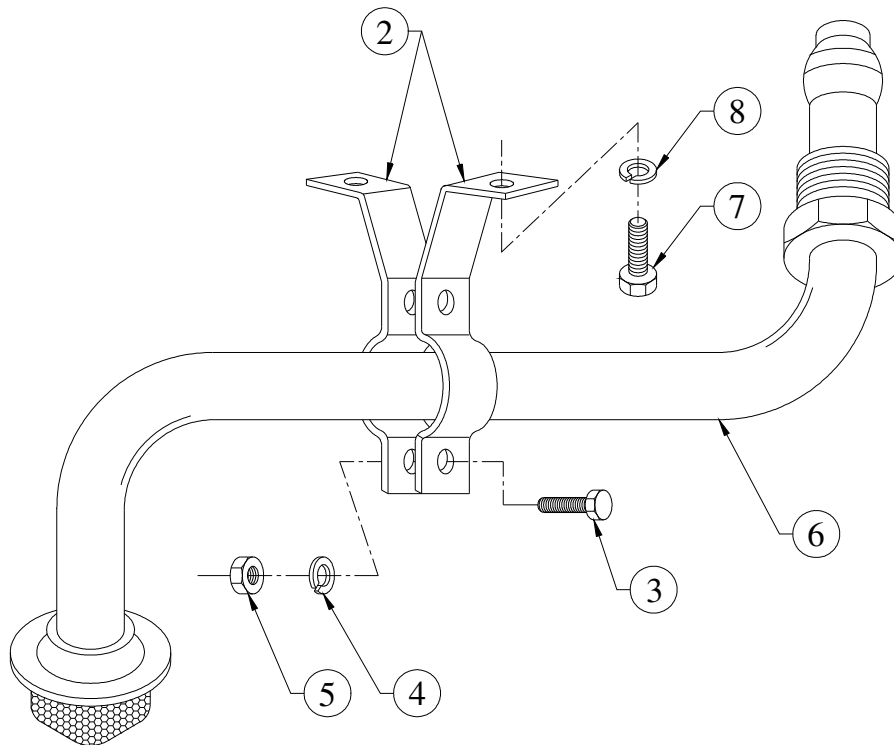


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.668.01.0.00	V BELT COGGED (SPZ 79 PCD BLOWER PULLEY LP 1264)	1	

[illegible]

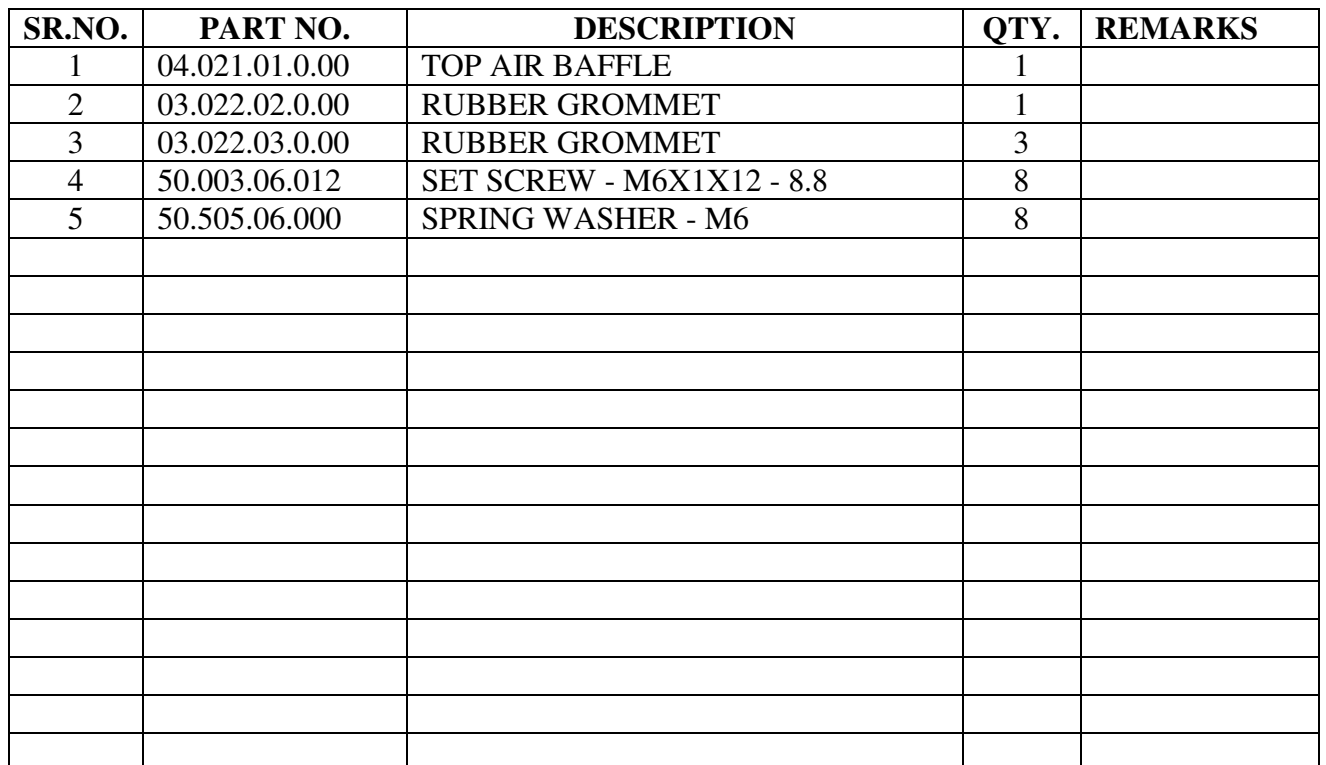
**TITLE: -SUCTION TUBE HA494TC
(PRESSED SUMP)**

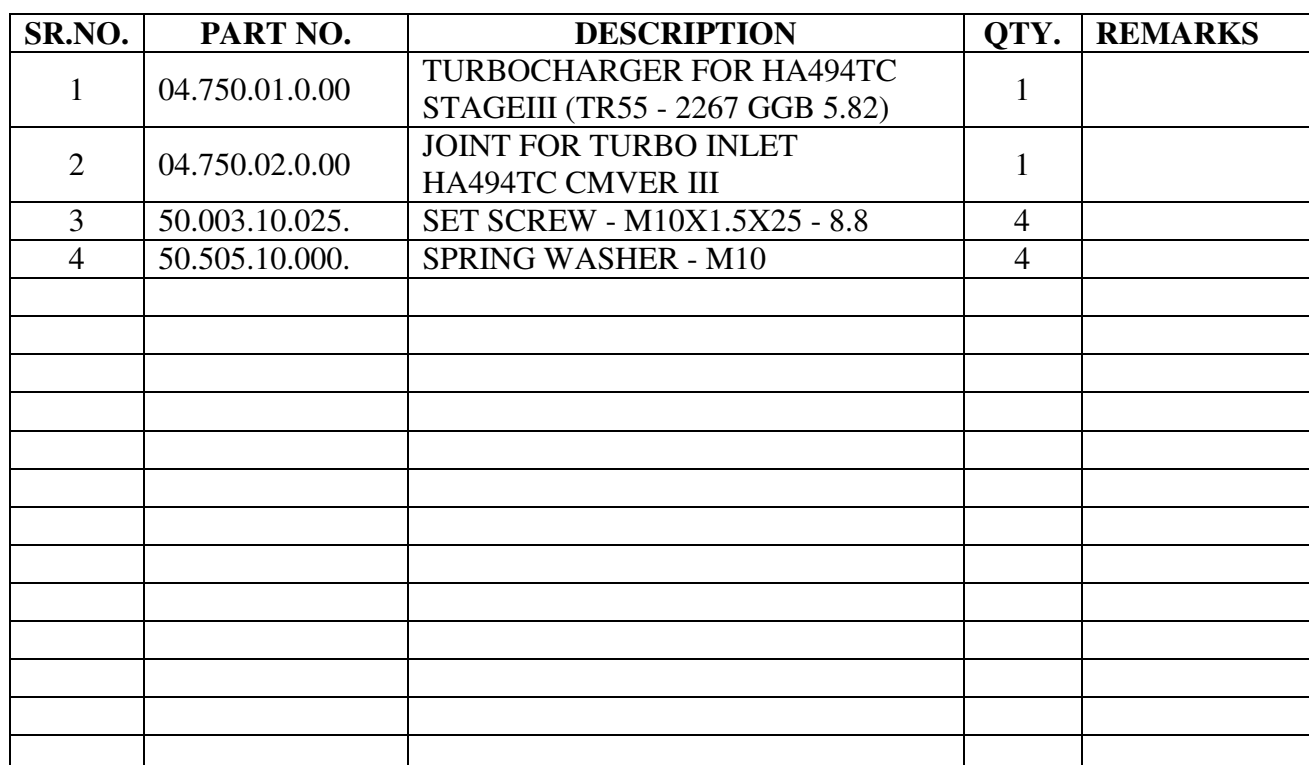
GROUP: -04.451



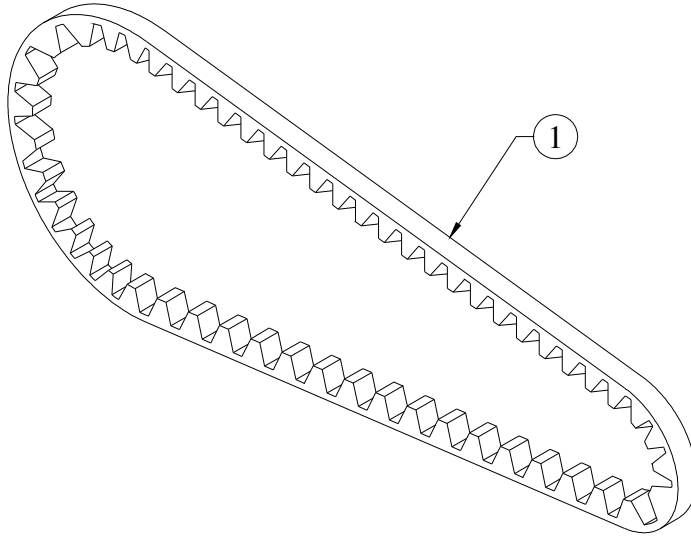
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	04.451.20.0.00	SUCTION TUBE ASSLY (PRESSED SUMP HA494TC)	1	CONSISTING OF SR. NO.- 2 TO 6
2	06.008.04.0.00	CLAMPING STRAP	2	
3	50.003.06.012	SET SCREW - M6X1X12 - 8.8	2	
4	50.505.06.000	SPRING WASHER - M6	2	
5	50.006.06.000	NUT - M6X1 - GR.8.8	2	
6	04.451.10.0.00	SUB ASSLY OF SUCTION TUBE (PRESSED SUMP)	1	
7	50.003.08.016	SET SCREW - M8X1.25X16 - 8.8	2	
8	50.505.08.000.	SPRING WASHER - M8	2	

[illegible]





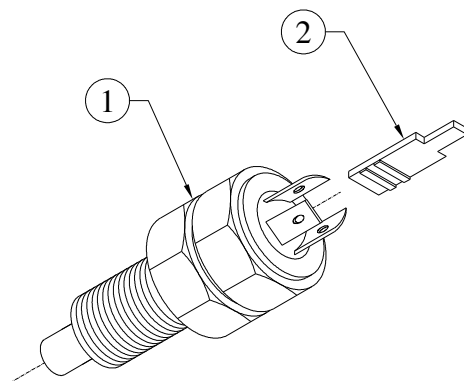
[illegible]

TITLE: - V BELT COGGED (LP 1135)
GROUP: - 04.669


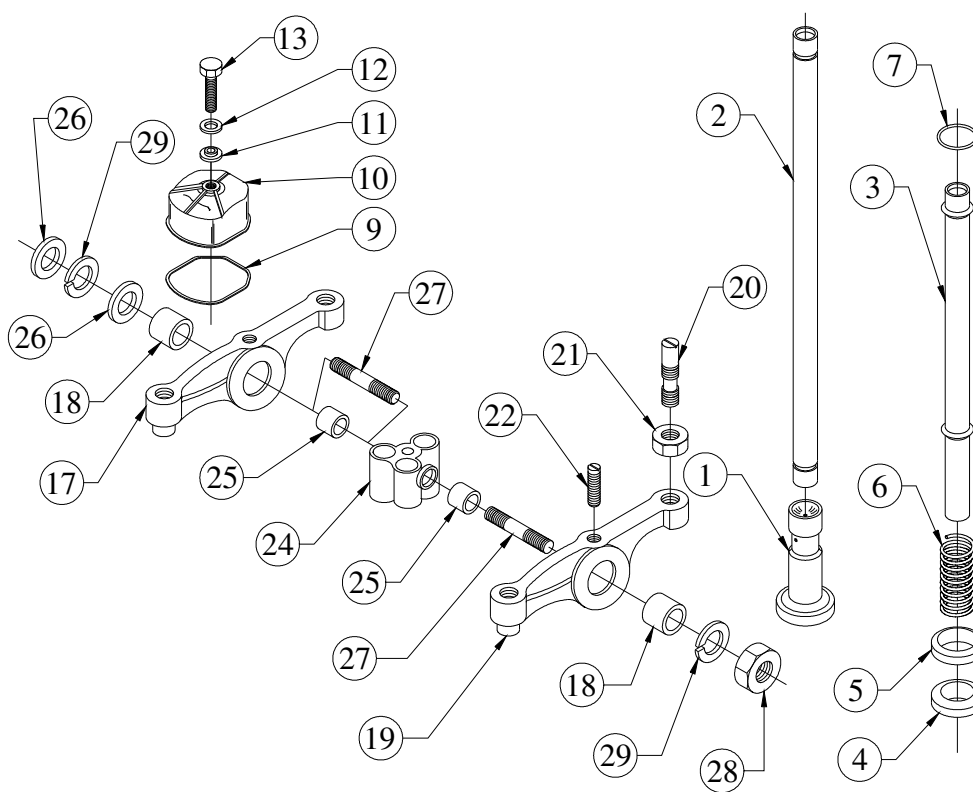
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.669.01.0.00	V BELT COGGED (SPZ - LP 1135) FOR ALTERNATOR PULLEY 81 PCD	1	

TITLE :- V BELT FAILURE SWITCH
KHD-224 5023

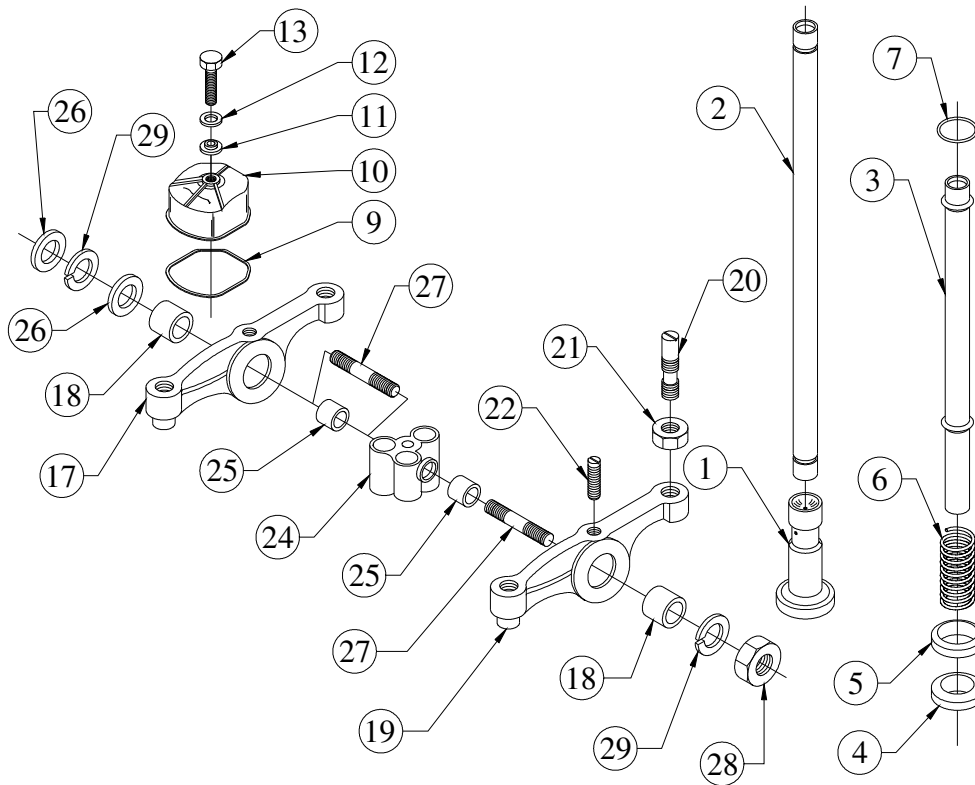
GROUP :- 04.106



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.106.01.0.00	V BELT FAILURE SWITCH KHD - 224 5023	1	
2	03.665.05.0.00	SNAP ON TERMINAL DOWEL	3	

TITLE: - VALVE MECHANISM
(LOW LOAD APPLICATION)
GROUP: - 06.632


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	02.024.01.0.00	VALVE TAPPET	1	
2	02.024.70.0.00	PUSH ROD (WELDED)	2	
3	02.024.33.0.00	PUSH ROD TUBE COVER - HA	2	
4	02.024.02.0.00	SEALING RING BOTTOM	2	
5	02.024.03.0.00	SEALING RING CAP	2	
6	02.024.04.0.00	SPRING	2	
7	02.024.05.0.00	O RING - TOP P.R.TUBE (5.3X17, 21507)	2	
*8	02.024.92.0.00	SUB ASSLY OF ROCKER COVER	1	CONSIST OF SR. NO. 9, 10
9	02.024.41.0.00	ROCKER COVER GASKET (RUBBER MATERIAL)	1	
10	02.024.32.0.00	ROCKER COVER (ALU)	1	
11	04.292.04.0.00	SEALING WASHER	1	
12	50.506.08.000.	PLAIN MACHINED WASHER - M8	1	
13	50.002.08.030.	SET BOLT - M8X1.25X30 - 8.8	1	
*14	02.024.50.0.00	ROCKER PEDASTAL ASSLY.	1	CONSISTING OF SR. NO. 15 & 22

TITLE: - VALVE MECHANISM
(LOW LOAD APPLICATION)
GROUP: - 06.632


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*15	02.024.20.0.00	VALVE ROCKER ASSLY	2	CONSISTING OF SR. NO. 16 & 18 TO 21
*16	02.024.23.0.00	ROCKER ARM SUB ASSEMBLY (WITH VR BUSH)	1	CONSISTING OF SR. NO. 17, 18 NOT SUPPLIED LOOSE
17	02.024.11.0.00	ROCKER ARM	1	NOT SUPPLIED LOOSE
18	02.024.12.0.00	V.R. BUSH (FINISH)	1	NOT SUPPLIED LOOSE
19	02.024.15.0.00	V.R.TOIE	1	NOT SUPPLIED LOOSE
20	02.024.13.0.00	ROCKER-ARM ADJ. SCREW	1	
21	02.024.27.0.00	NUT FOR ROCKER ADJ.SCREW	1	
22	02.024.14.0.00	OIL METERING SCREW	1	
*23	02.024.30.0.00	V.R.SUPPORT SUB-ASSLY.	1	CONSISTING OF SR. NO. 24 TO 29

[illegible]

**TITLE: - SET OF JOINTS, COPPER WASHERS
& 'O' RINGS (04.3502)**

GROUP: -

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	04.046.37.0.00	SET OF JOINTS	1	CONSISTING OF SR. NO. 2 TO 14
*2	02.024.41.0.00	ROCKER COVER GASKET (RUBBER MATERIAL)	4	
*3	02.045.08.0.00	JOINT (FOR EXH. INLET)	4	
*4	02.058.07.0.00	JOINT FOR AIR INLET MANIFOLD (ASBESTOSS FREE)	4	
*5	03.013.12.0.00	JOINT FOR FRONT COVER (ASBESTOSS FREE)	1	
*6	03.040.07.0.00	JOINT FOR L.O FILTER (ASBESTOSS FREE)	1	
*7	03.080.15.0.00	JOINT FOR COVER (B.T.UNIT)	1	
*8	04.032.02.0.00	JOINT	1	
*9	04.566.04.0.00	JOINT FOR EJR PIPE - HA BS III	2	
*10	04.575.04.0.00	JOINT FOR EXHAUST DIFFUSER	1	
*11	04.750.02.0.00	JOINT FOR TURBO INLET HA494TC CMVER III	1	

TITLE: - SET OF JOINTS, COPPER WASHERS & 'O' RINGS (04.3502)	GROUP: -

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*12	04.751.02.0.00	JOINT FOR LUB OIL OUTLET FLANGE	1	
*13	06.786.03.0.00	JOINT FOR DIFFUSER	2	
*14	08.021.02.0.00	JOINT FOR FEED PUMP	1	
*15	04.046.38.0.00	SET OF WASHERS	1	CONSISTING OF SR. NO. 16 TO 23
*16	02.022.25.0.00	COPPER WASHER	8	
*17	04.292.04.0.00	SEALING WASHER	4	
*18	50.508.08.000.	COPPER WASHER (10X16)	1	
*19	50.508.10.000.	COPPER WASHER (12X18)	13	
*20	50.508.17.000.	COPPER WASHER (18X24)	1	
*21	50.508.18.000.	COPPER WASHER (20X24)	2	
*22	50.508.27.000.	COPPER WASHER (24X29)	1	
*23	F6.040.01.0.00	SEALING WASHER (FOR OIL FILLING CAP)	1	
*24	04.046.39.0.00	SET OF 'O' RINGS	1	CONSISTING OF SR. NO. 25 TO 33

**TITLE: - SET OF JOINTS, COPPER WASHERS
& 'O' RINGS (04.3502)**

GROUP: -

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*25	02.024.02.0.00	SEALING RING BOTTOM	8	
*26	02.024.05.0.00	O RING - TOP P.R.TUBE (5.3X17,21507)	8	
*27	02.120.05.0.00	SEALING RING	4	
*28	03.010.11.0.00	O RING - L.O.PUMP (1.57X65,21508)	1	
*29	03.012.02.0.00	O RING - DELIVERY TUBE(3X14,21508)	2	
*30	03.013.11.0.00	O RING (3.2 X 78 SILICON)	2	
*31	03.036.01.0.00	O RING - DIPSTICK (2X5,21515 OR 21511)	1	
*32	04.019.06.0.00	SEALING RING FOR OIL COOLER (SOLID) BS-III	1	
*33	F6.167.03.0.00	O RING. (68X3 TGL 6365) CO.STD.21509	1	

ENGINE DGBR

**ILLUSTRATED SPARE PART LIST
FOR**

**HA694TCI ENGINE
FOR COMPACTOR
A/C – ECEL**

**APPLICATION CODE NO.
06.3501**

KIRLOSKAR OIL ENGINES LIMITED

Regd. Office: Laxmanrao Kirloskar Road, Khadki, Pune - 411 003, INDIA.
Tel.: +91 (20) 2581 0341, 2581 5341. Fax: +91 (20) 2581 3208, 2581 0209.
Website: www.kirloskar.com

GROUP INDEX
APPLICATION CODE 06.3501

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4	AIR INLET MANIFOLD ASSEMBLY	06.028	1	9
5	ALTERNATOR (STAGE 1) MICO,12V55A	04.367.1	1	10
6	ALTERNATOR (STAGE 2)	04.367.2	1	11
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8	BOX TYPE BREATHER (STAGE 1)	06.216.1	1	13
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17	CRANKCASE (WITH TAPPED HOLE FOR TURBO-DRAIN) S/F LHD - SA	06.890	1	26 TO 28
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SR.NO.	DESCRIPTION	GROUP NO.	QTY.	PAGE NO.
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53	MUD COLLECTOR - FILTER	43.075.20	1	73
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60	ROTARY FUEL PUMP (CMVR STAGE III)	06.526.5	1	80
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67	TOP AIR BAFFLE	06.022	1	87
68	TURBOCHARGER K27-2964 MXA 12.22	6H.127	1	88
69	UPPER COWLING (MODIFIED)	06.029.1	1	89

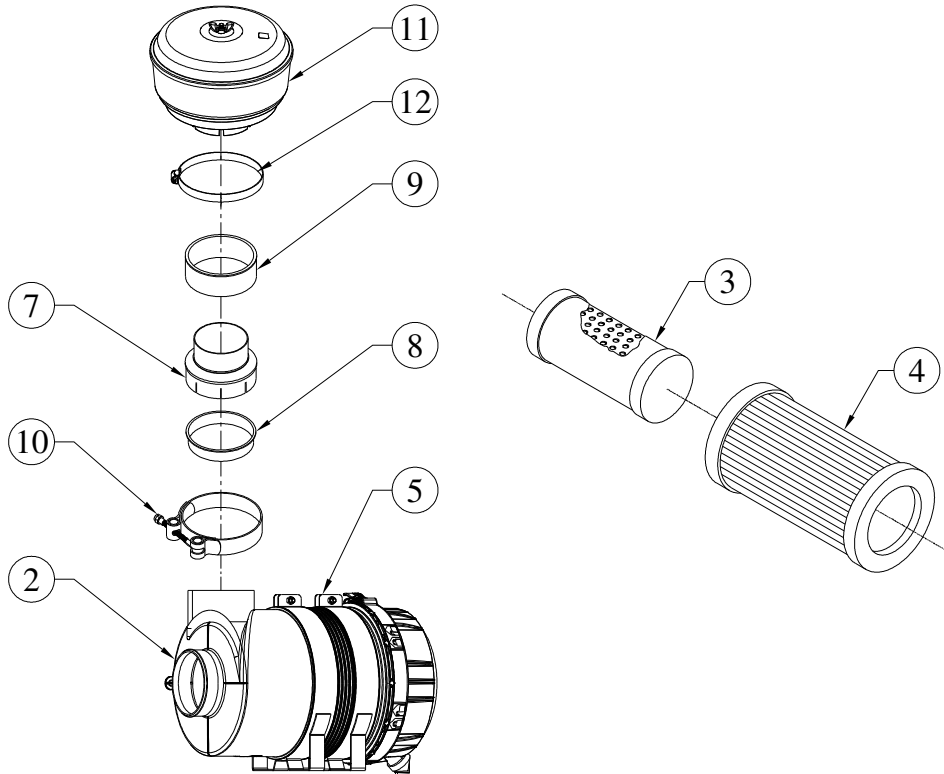
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NOTE: - AS CONTINUOUS IMPROVEMENTS ARE CONTEMPLATED THE ILLUSTRATION AND DESCRIPTIONS ARE NOT BINDING.

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**TITLE: - AIR CLEANER ASSEMBLY WITH
PRE-CLEANER 10 M3/MIM
(FLEETGUARD: 8261124-C)**

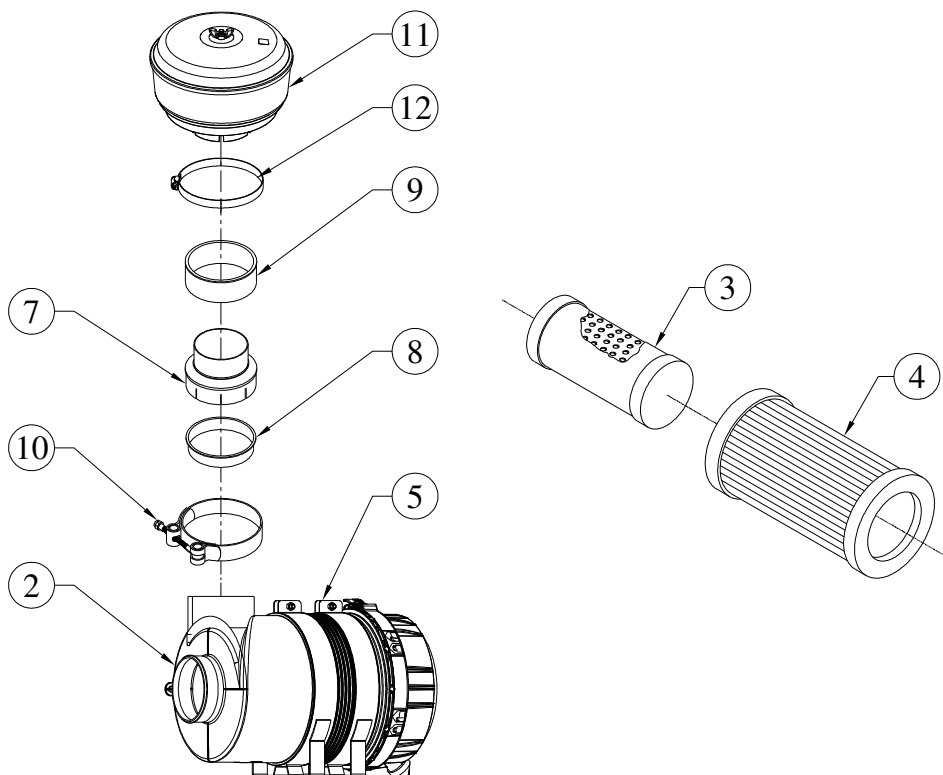
GROUP: - 4H.1810.1



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	4H.1810.60.0.00	ASSEMBLY OF AIR CLEANER & PRECLEANER	1	CONSISTING OF SR. NO. 2, 6, 11
2	4H.1810.50.0.00	AIR CLEANER ASSEMBLY 10 M3	1	CONSISTING OF SR. NO. 3 TO 5 NOT SUPPLIED LOOSE
3	4H.1810.01.0.00	AIR CLEANER, SAFETY ELEMENT	1	
4	4H.1810.02.0.00	AIR CLEANER, PRIMARY ELEMENT	1	
5	4H.1810.06.0.00	MOUNTING STRAP FOR 10M3	1	
*6	4H.1810.20.0.00	REDUCER HOSE ASSEMBLY	1	CONSISTING OF SR. NO. 7 TO 10
7	4H.1810.03.0.00	HOSE REDUCER BET. AIR CLEANER AND PRE-CLEANER	1	
8	4H.1810.04.0.00	RUBBER SLEEVE SMALL -FOR PRE-CLEANER	1	

**TITLE: - AIR CLEANER ASSEMBLY WITH
PRE-CLEANER 10 M3/MIM
(FLEETGUARD: 8261124-C)**

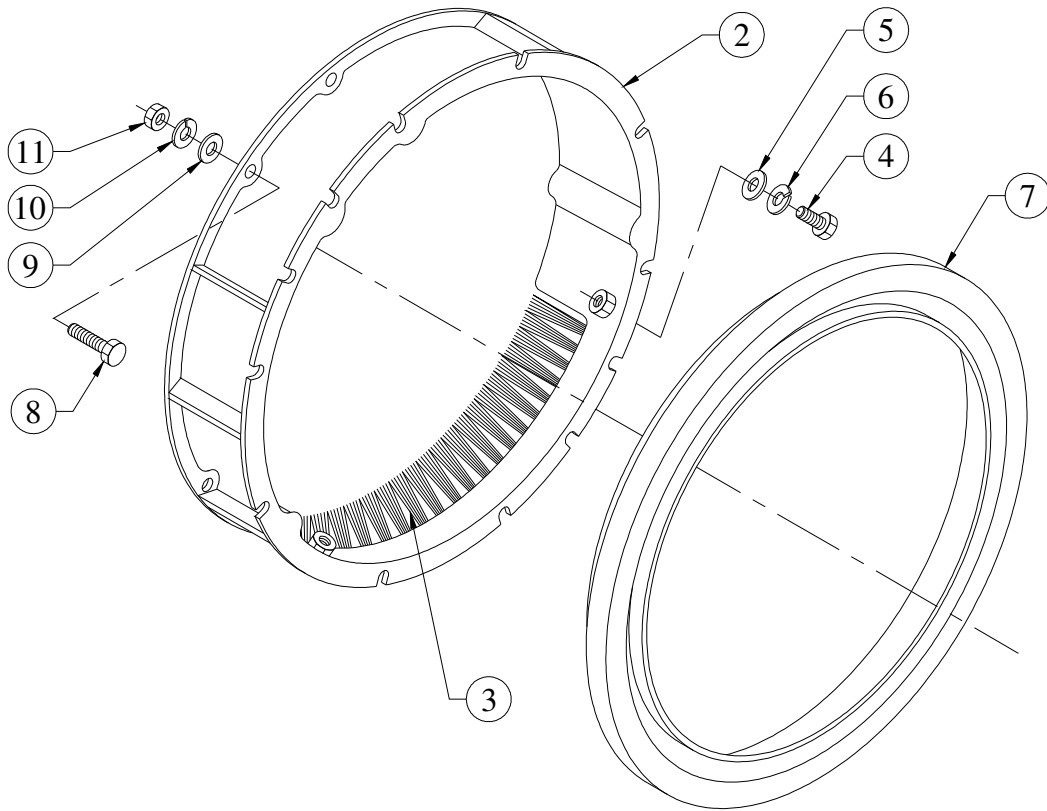
GROUP: - 4H.1810.1



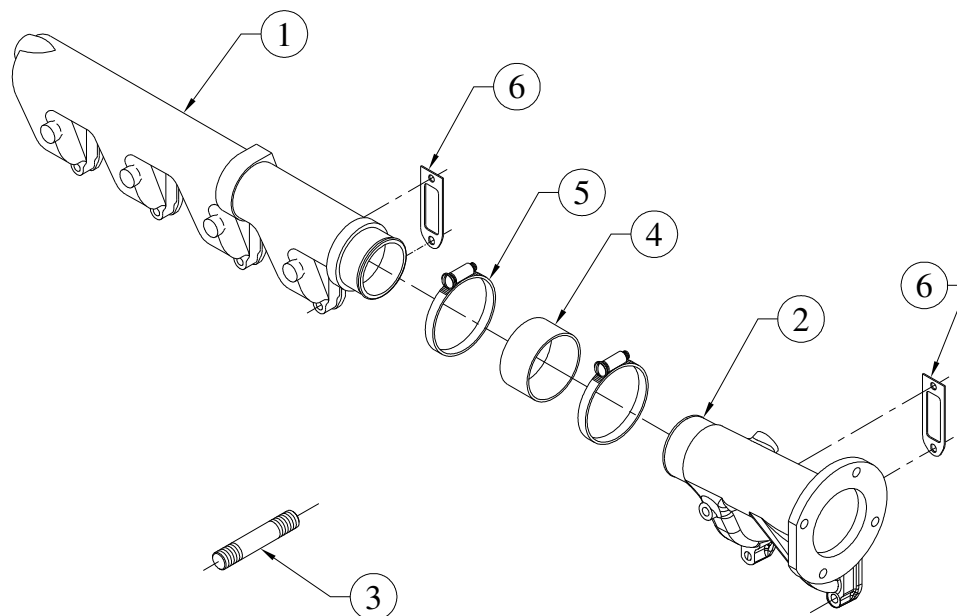
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
9	4H.1810.05.0.00	RUBBER SLEEVE LARGE - FOR AIR CLEANER	1	
10	KV8.505.28.0.00	HOSE T BOLT CLAMP 138 MM ID	1	
11	06.550.50.0.00	PRE CLEANER FLEETGUARD (8400159)	1	CONSISTING OF SR. NO. 12
12	06.550.04.0.00	CLAMP FOR PRE CLEANER	1	

TITLE: - AIR GUIDE RING WITH BRUSH & RUBBER STR

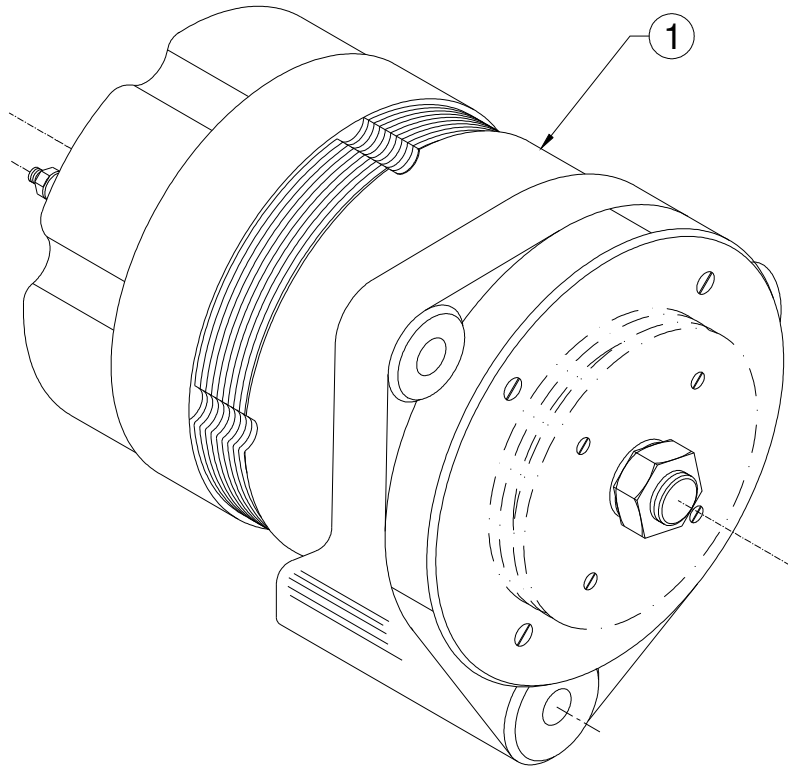
GROUP: - 06.471



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	06.471.10.0.00	ASSLY AIR GUIDE RING & BRUSH (S/F RUBR STRP	1	CONSISTING OF SR. NO. 2 TO 6
2	06.471.01.0.00	AIR GUIDE RING	1	
3	06.078.02.0.00	BRUSH FOR AIR GUIDE RING	1	
4	50.003.06.014.	SET SCREW - M6X1X14 - 8.8	2	
5	50.506.06.000.	PLAIN MACHINED WASHER - M6	2	
6	50.505.06.000.	SPRING WASHER - M6	2	
7	06.471.03.0.00	RUBBER SEALING RING(FOR AIR GUIDE RING)	1	
8	50.003.06.025.	SET SCREW - M6X1X25 - 8.8	4	
9	50.506.06.000.	PLAIN MACHINED WASHER - M6	4	
10	50.505.06.000.	SPRING WASHER - M6	4	
11	50.006.06.000.	NUT - M6X1 - GR.8	4	

TITLE: - AIR INLET MANIFOLD ASSEMBLY
GROUP: - 06.028


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.028.05.0.00	AIR INLET MANIFOLD (HA6 BS III G.E.)	1	
2	06.028.06.0.00	AIR INLET MANIFOLD (HA6 BS III F.W.E.)	1	
3	50.010.08.110.	STUD - M8X1.25X110 - 8.8	1	
4	06.037.03.0.00	HOE FOR INLET MANIFOLD (HA6 BS III)	1	
5	50.519.14.000.	WORM DRIVE HOSE CLIP (89 MM)	2	
6	02.058.07.0.00	JOINT FOR AIR INLET MANIFOLD (ASBESTOSS FREE)	6	

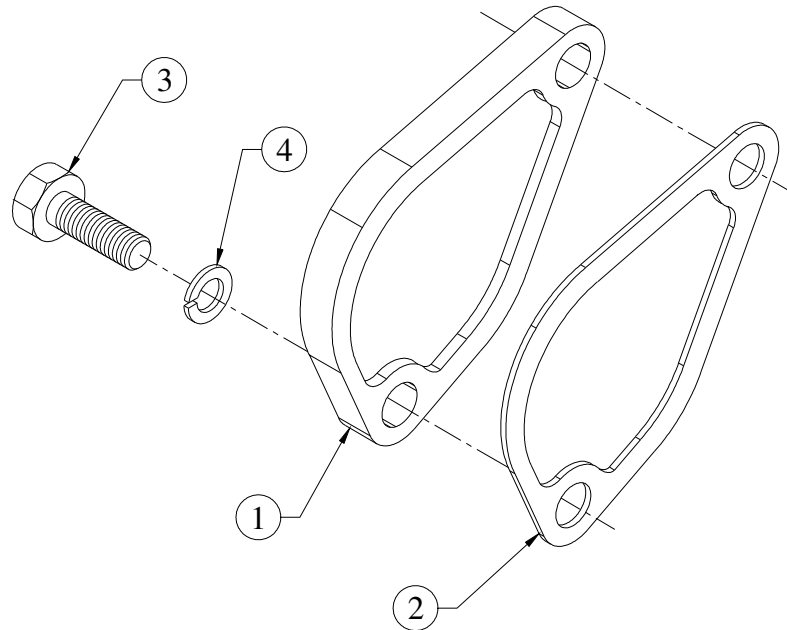
TITLE:- ALTERNATOR (STAGE 1)
GROUP:- 04.367.1


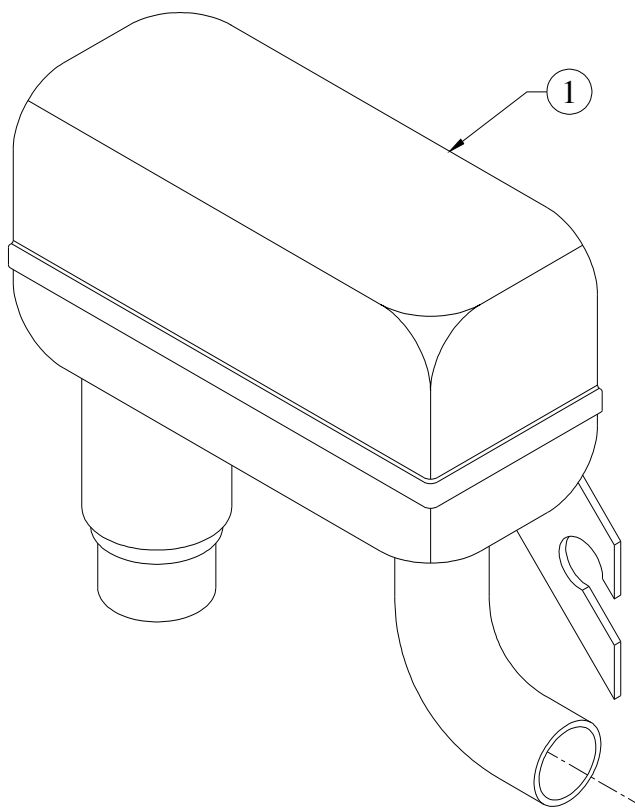
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.367.01.0.00	ALT.(MICO,12V55A)9 120 030 387	1	

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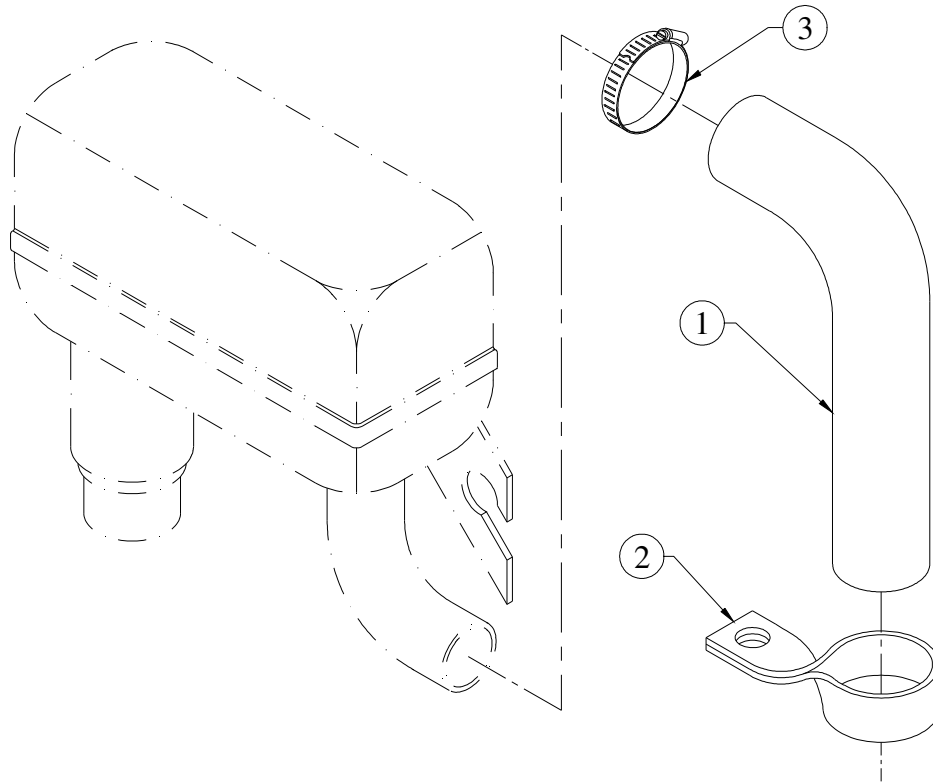
**TITLE: -BLANKING PLATE FOR
HYD PUMP BORE**

GROUP: - 03.047

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TITLE :- BOX TYPE BREATHER (STAGE – 1)
GROUP :- 06.216.1


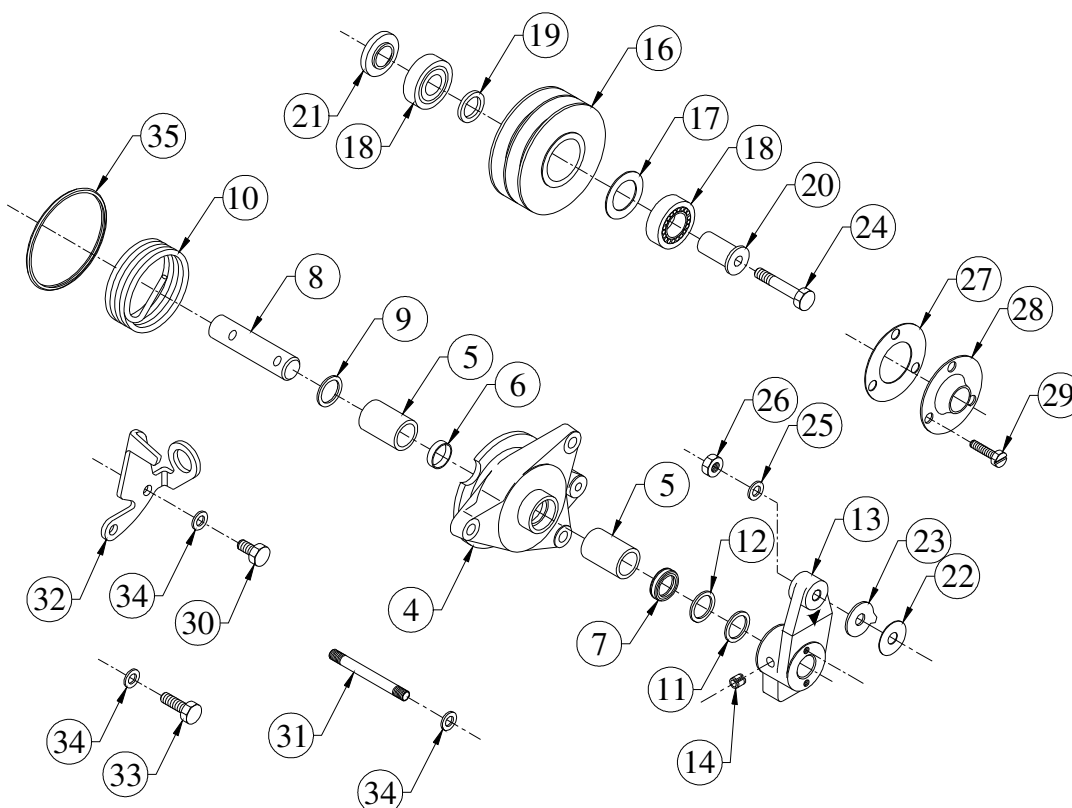
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.157.01.0.00	BOX TYPE BREATHER	1	

TITLE: - BOX TYPE BREATHER (STAGE 2)
GROUP: - 06.216.2


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.216.01.0.00	PLASTIC TUBE (500MM) (BAR)	1	
2	02.069.03.0.00	STOPPER FOR BREATHER TUBE	1	
3	50.519.06.000.	WORM DRIVE HOSE CLIP (30 MM)	1	

**TITLE: - BT UNIT WITH MODIFIED SHAFT AND
5.5 DIA SPRING**

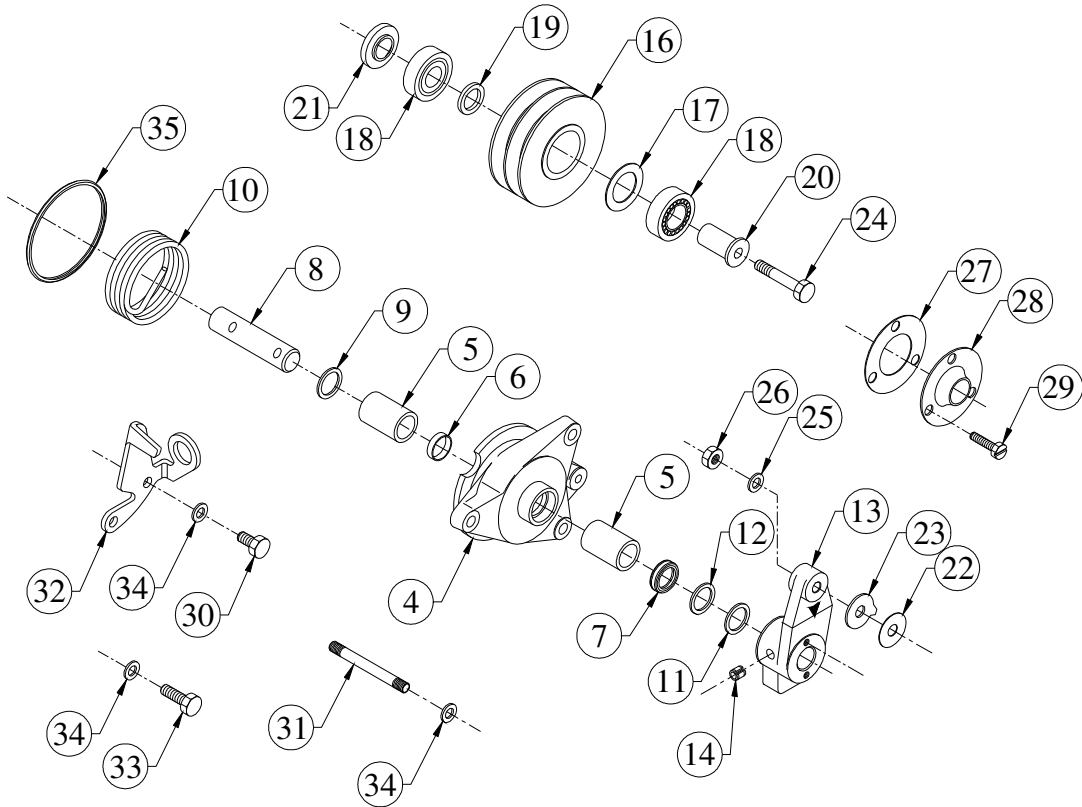
GROUP: - 06.973



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	06.973.90.0.00	SUB ASSEMBLY OF B.T UNIT (MODIFIED FOR BANDED COGGED BELT)	1	CONSISTING OF SR. NO. 2, 15, & 22 TO 29
*2	06.973.20.0.00	SUB ASSEMBLY OF HOUSING AND LEVER (FOR MODIFIED BT UNIT)	1	CONSISTING OF SR. NO. 3 & 8 TO 14
*3	06.973.10.0.00	SUB ASSEMBLY OF HOUSING AND BUSH (FOR MODIFIED BT UNIT)	1	CONSISTING OF SR. NO. 4 TO 7
4	04.301.15.0.00	HOUSING FOR BELT TENSIONING UNIT	1	
5	02.024.12.0.00	V.R.BUSH	2	
6	04.301.16.0.00	SPACER RING	1	
7	04.301.14.0.00	ROTARY SHAFT LIP SEAL	1	
8	06.447.03.0.00	SHAFT (LONG) WITH 30 DEGREE ANGLE	1	
9	04.301.03.0.00	WASHER	1	
10	04.301.18.0.00	HELICAL TORSION SPRING WITH 5.5 MM WIRE DIA	1	

**TITLE: - BT UNIT WITH MODIFIED SHAFT AND
5.5 DIA SPRING**

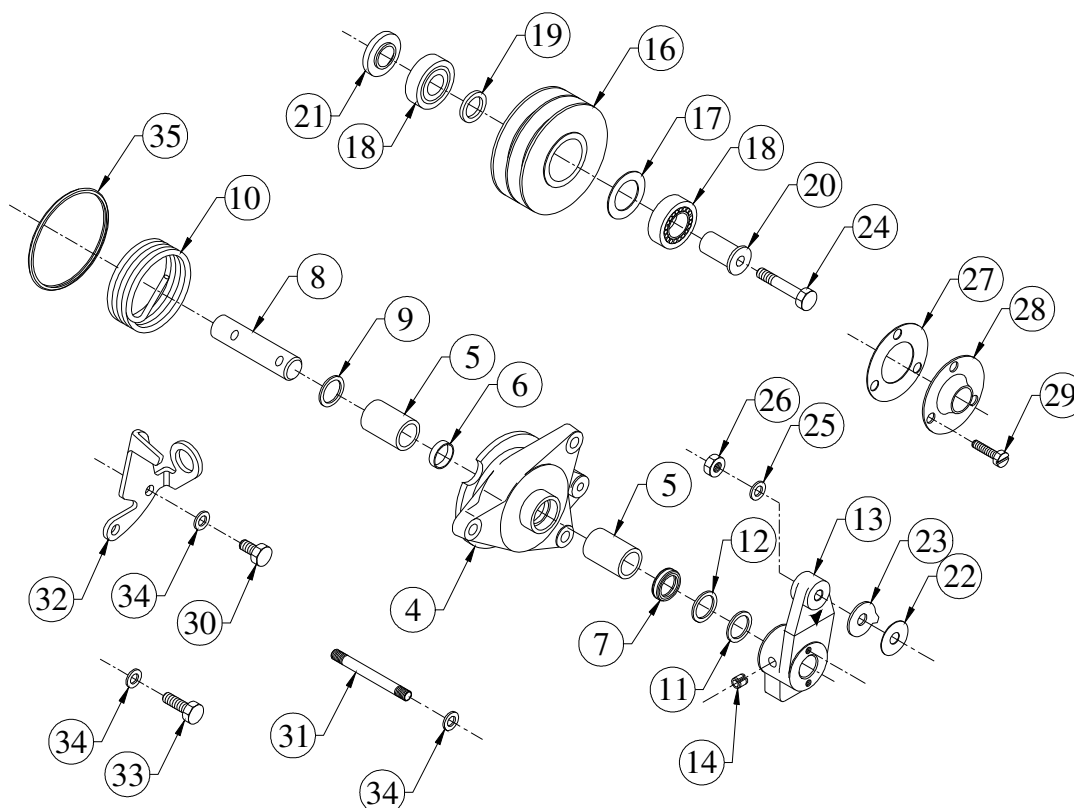
GROUP: - 06.973



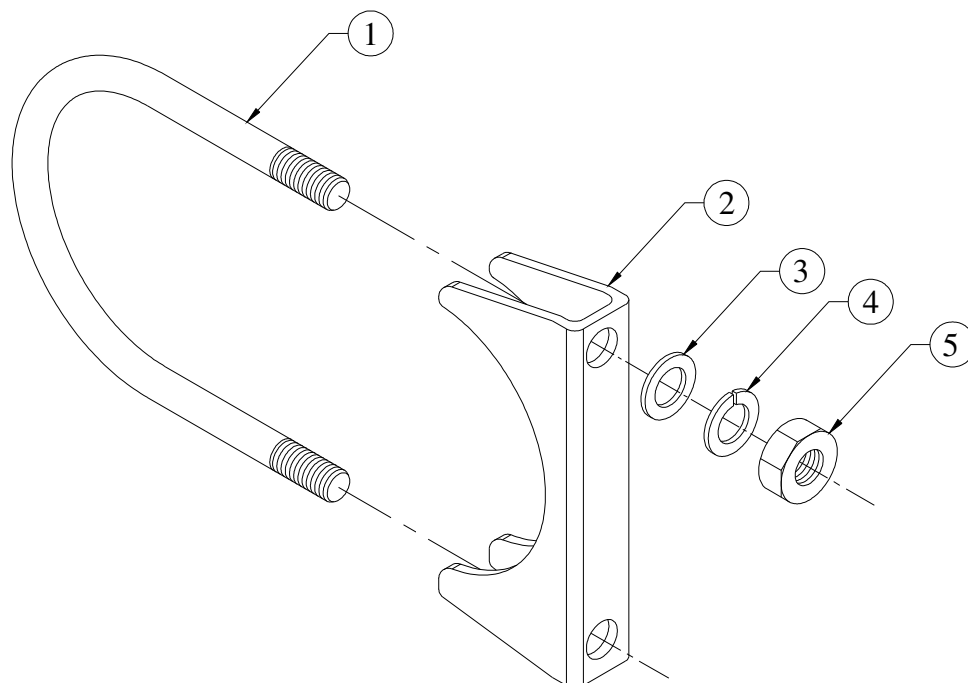
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
11	04.301.12.0.00	THRUST WASHER 18 X 32 X 1.5	1	
12	04.301.13.0.00	THRUST WASHER 18.2 X 32 X 0.3	1	
13	03.093.05.0.00	LEVER (BELT TENSIONING UNIT)	1	
14	50.540.11.040.	SPRING DOWEL	1	
*15	06.973.80.0.00	SUB ASSEMBLY FOR PULLEY (MODIFIED FOR BANDED COGGED BELT)	1	CONSISTING OF SR. NO. 16 TO 21
16	06.973.02.0.00	PULLEY FOR B.T UNIT (FOR BANDED COGGED BELT)	1	
17	03.080.09.0.00	SHIM FOR BEARING	1	
18	03.080.13.0.00	BALL BEARING 6203 2 RS C-3	2	
19	03.080.17.0.00	SPACER FOR BEARING	1	
20	03.080.18.0.00	COLLARED BUSH	1	
21	03.080.08.0.00	WASHER (BACK-SIDE)	1	
22	06.047.02.0.00	WASHER	1	
23	04.301.09.0.00	WASHER 0.3 THICK	1	
24	50.002.08.050.	SET BOLT - M8X1.25X50 - 8.8	1	
25	10.020.03.0.00	HARD WASHER (F)	1	

**TITLE: - BT UNIT WITH MODIFIED SHAFT AND
5.5 DIA SPRING**

GROUP: - 06.973

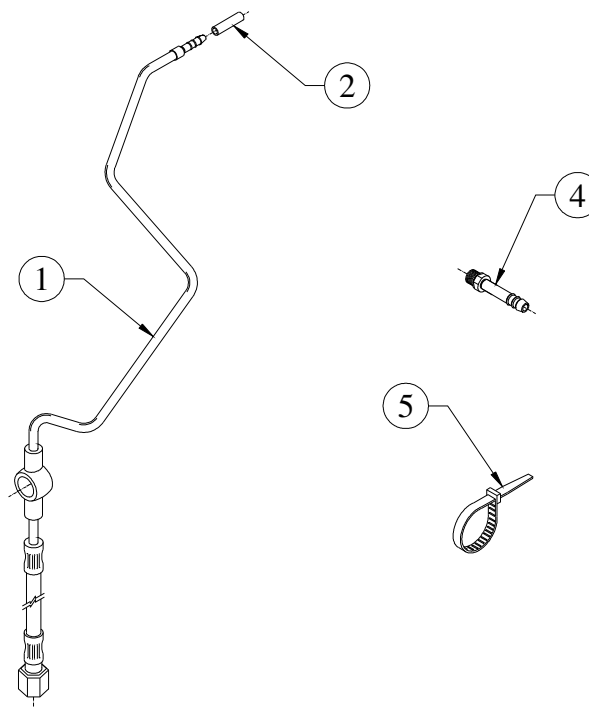


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
26	50.006.08.000.	NUT- M8X1.25 - GR.8.8	1	
27	03.080.15.0.00	JOINT FOR COVER (B.T.UNIT)	1	
28	03.080.14.0.00	COVER FOR PULLEY	1	
29	50.023.06.015.	SLOTTED CRANK SUNK HEAD SCREW - M6X1X15	3	
30	50.003.08.016.	SET SCREW - M8X1.25X16 - 8.8	1	
31	50.010.08.045.	STUD - M8X1.25X45 - 8.8	1	
32	04.196.02.0.00	BRACKET FOR VEE BELT SWITCH	1	
33	50.003.08.025.	SET SCREW - M8X1.25X25 - 8.8	2	
34	50.506.08.000.	PLAIN MACHINED WASHER - M8	4	
35	03.013.11.0.00	O RING (3.2 X 78 SILICONE)	1	

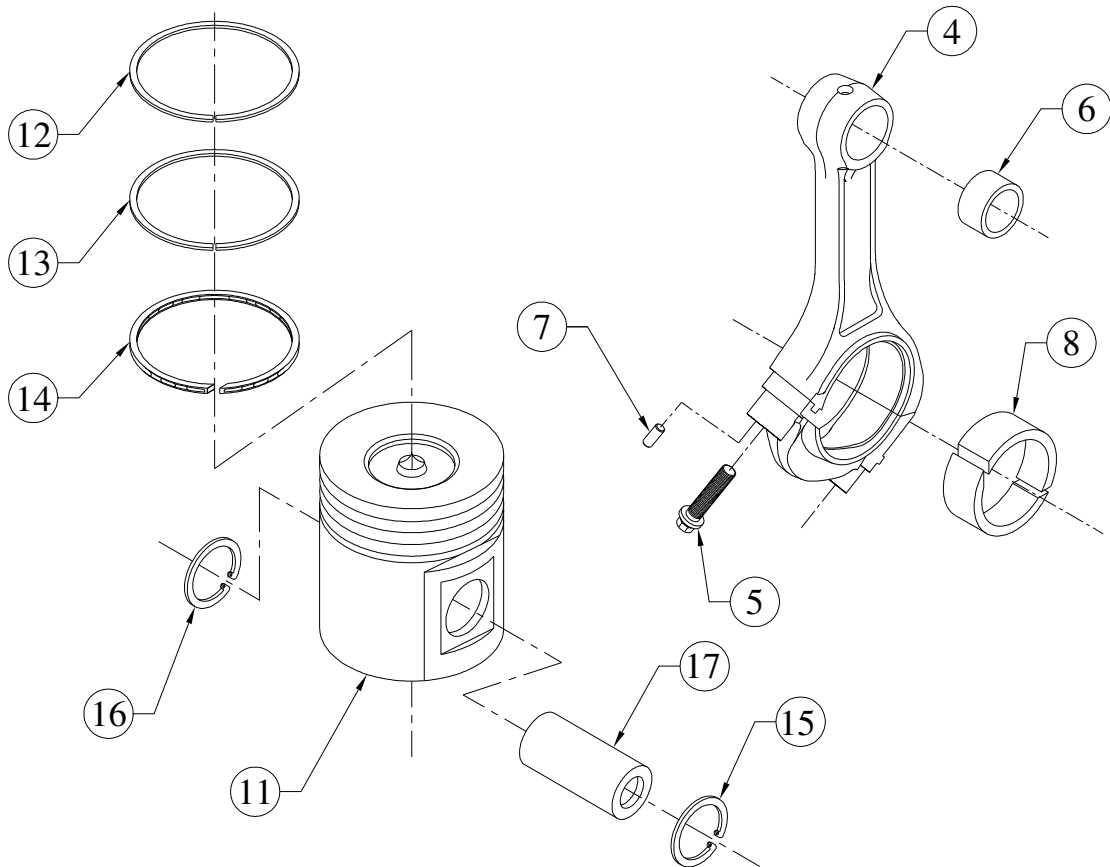
[illegible]

**TITLE: - COMBINED LEAK OFF PIPE
ASSEMBLY (HA BS III)**

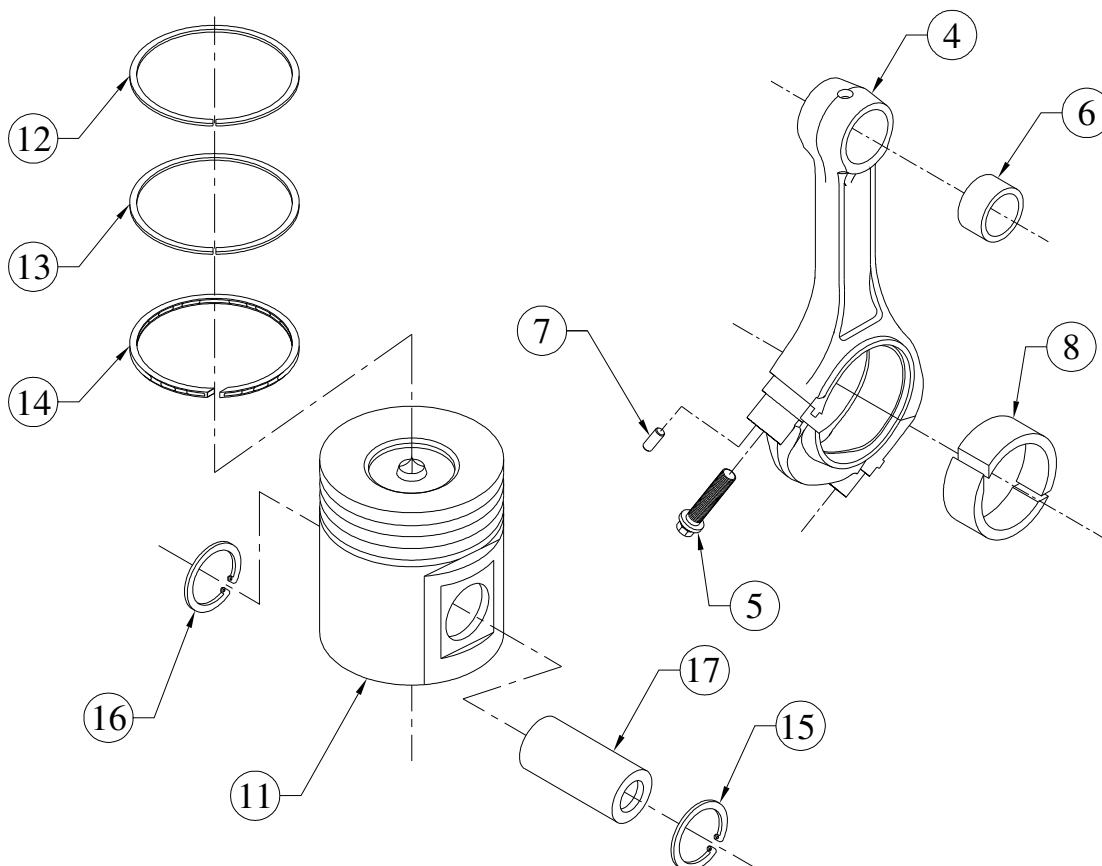
GROUP: - 04.755.1



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.755.10.0.00	COMBINED LEAK OFF PIPE FOR HA BS III ENGINE	1	
2	02.525.06.0.00	FUEL HOSE 5.1/D X 11.5 / 12.7 O	1	
*3	02.500.08.0.00	CONSTANT PRESSURE SPRING BAND HOSE CLAMP KLIPCO NOMINAL SIZE 10 MM	2	NOT ILLUSTRATED
4	06.610.02.0.00	HOSE TAIL FOR FUEL LEAK OFF CONN	1	
5	3H.905.07.0.00	TIE WRAP 200 MM LENGTH	1	

TITLE: - CONNECTING ROD & PISTON ASSEMBLY
GROUP: -02.443.2


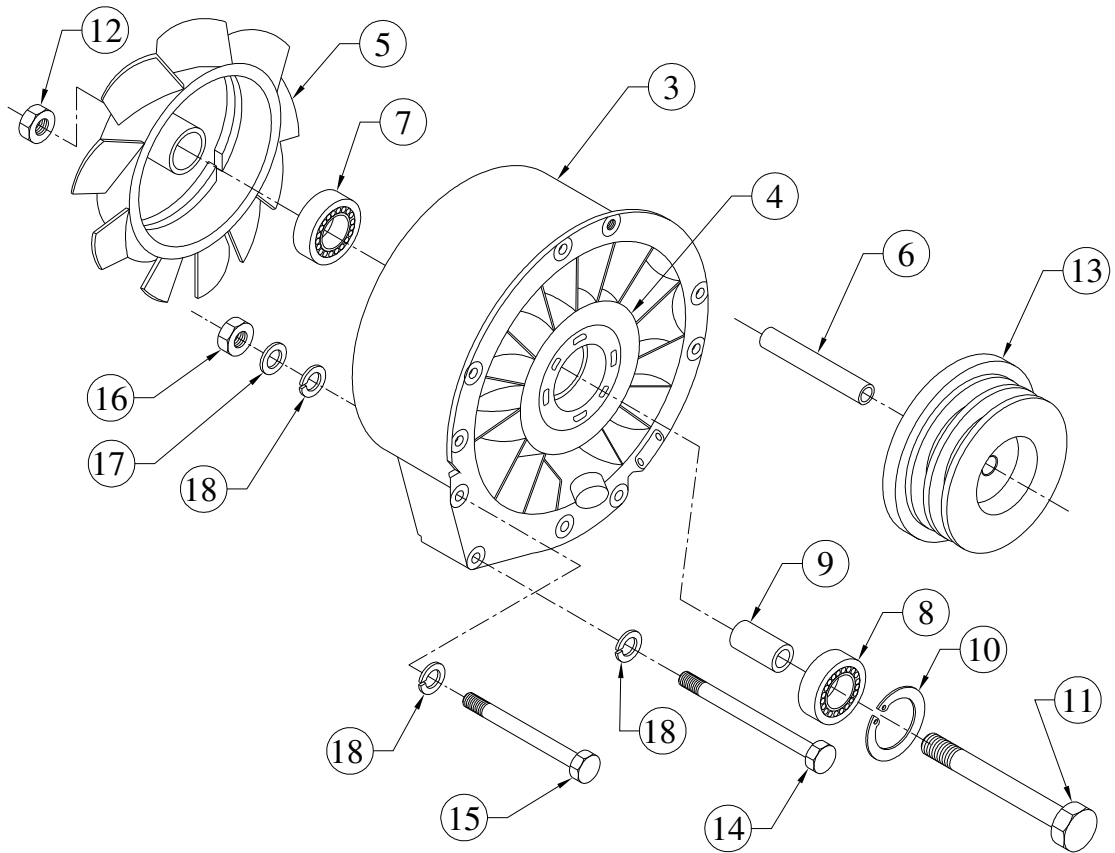
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	04.685...	CONNECTING ROD (DREAM PROJECT)	1	CONSISTING OF SR. NO. 2 & 10
*2	04.685.10.0.00	CONNECTING ROD ASSEMBLY	1	CONSISTING OF SR. NO. 3 & 8
*3	04.685.20.0.00	CON ROD ASSEMBLY (WITHOUT LE BEARING)	1	CONSISTING OF SR. NO. 4 TO 7
4	04.685.01.0.00	CONNECTING ROD (DREAM PROJECT) MACHINING	1	NOT SUPPLIED LOOSE
5	04.692.03.0.00	CONNECTING ROD BOLT	2	
6	02.021.03.9.00	SMALL END BUSH (S/F)	1	
7	50.401.07.010.	DOWEL PIN	2	
8	04.685.02.0.00	CONNECTING ROD BIG END BEARING(NA)	2	NOT SUPPLIED LOOSE
*9	02.443.30.0.00	PISTON ASSEMBLY COMPLETE FOR HA494 TC ENGINE (BS III)	1	CONSISTING OF SR. NO.10

TITLE: - CONNECTING ROD & PISTON ASSEMBLY
GROUP: -02.443.2


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*10	02.443.20.0.00	PISTON ASSEMBLY COMPLETE FOR HA494TC ENGINE	1	CONSISTING OF SR. NO. 11 TO 15
11	02.443.09.0.00	PISTON 17CR FOR BSIII ENGINE	1	NOT SUPPLIED LOOSE
12	02.020.24.0.00	CHROME INLAID KEY STONE I D BEVEL RING (1st)	1	NOT SUPPLIED LOOSE
13	02.020.08.0.00	PLAIN COMP.RING	1	NOT SUPPLIED LOOSE
14	02.020.09.0.00	CONFORMABLE OIL CONTROL RING	1	NOT SUPPLIED LOOSE
15	50.502.35.000.	CIRCLIP (INTERNAL)-35 MM	1	
16	50.502.35.000.	CIRCLIP (INTERNAL)-35 MM	1	
17	02.020.02.0.00	PISTON PIN	1	

TITLE:- COOLING AIR BLOWER WITH FAN
PULLEY (90 PCD, A SECTION,
2 GROOVES) HA6 BS III

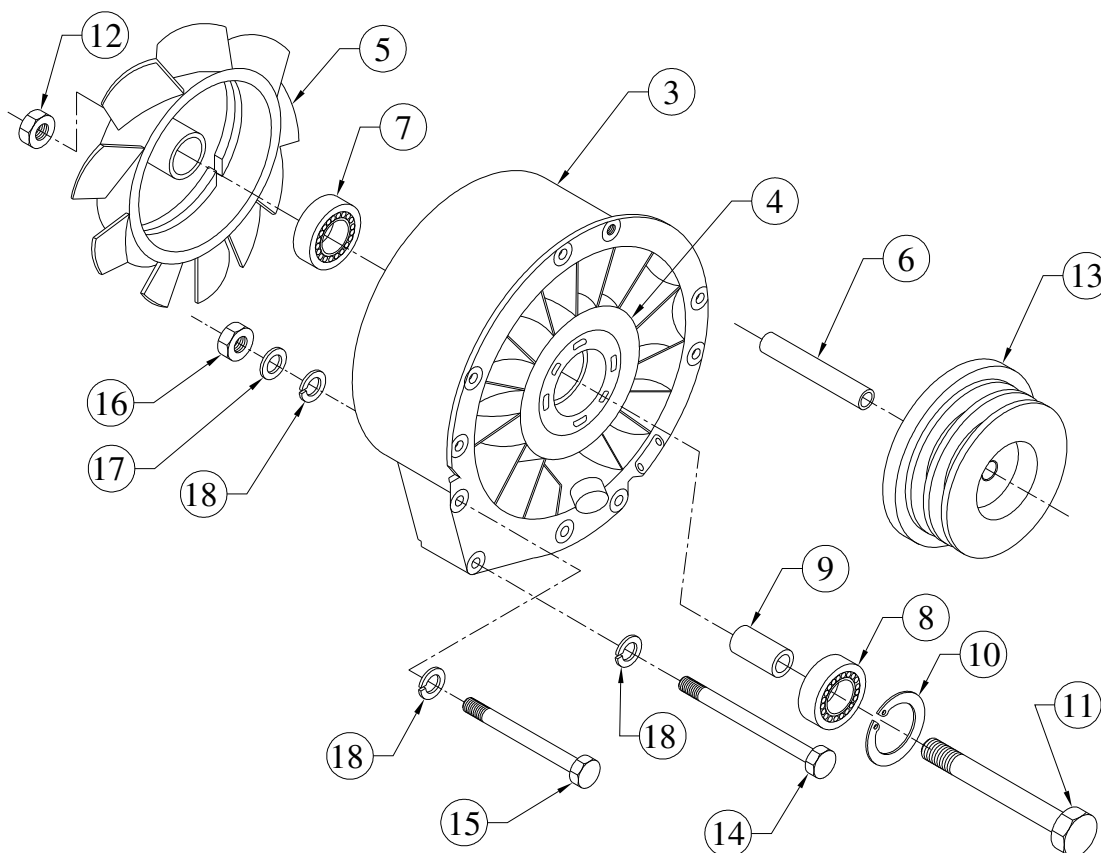
GROUP:- 06.888.3



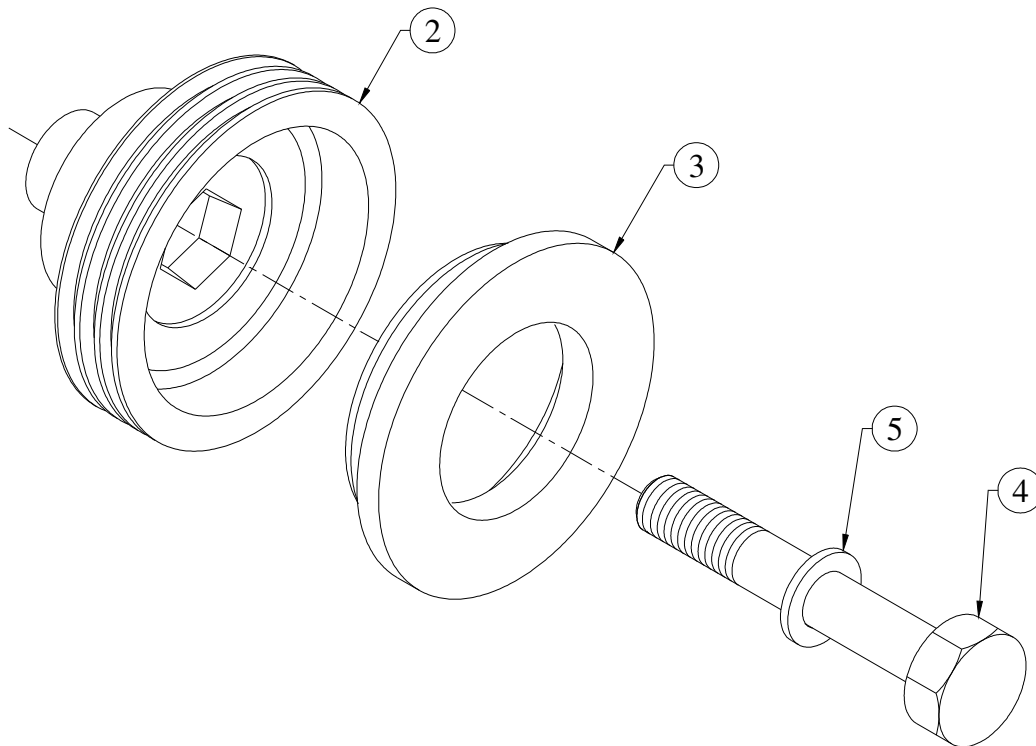
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	06.085.70.0.00	FAN BODY WITH RUBBER	1	CONSISTING OF SR. NO. 2 & 5 TO 12
*2	06.085.50.0.00	ASSLY OF FAN BODY & STATOR VANE	1	CONSISTING OF SR. NO. 3 & 4
3	06.085.06.0.00	FAN BODY (HA 6)	1	
4	06.085.01.0.00	STATOR VANE	1	
5	06.085.20.0.00	IMPELLER	1	
6	06.025.03.0.00	ROTOR SHAFT	1	
7	06.025.13.0.00	BALL BEARING (25X52X15) 6205Z,C3	1	
8	06.085.05.0.00	BALL BEARING (25X62X17) 6305Z,C3	1	
9	06.085.04.0.00	BUSH (SPACER) (BAR)	1	
10	50.502.62.000.	CIRCLIP INTERNAL - 62 MM	1	
11	50.002.12.180.	SET BOLT - M12X1.75X180 - 8.8	1	
12	50.006.12.000.	NUT - M12X1.75 - GR.8	1	

TITLE:- COOLING AIR BLOWER WITH FAN
PULLEY (90 PCD, A SECTION,
2 GROOVES) HA6 BS III

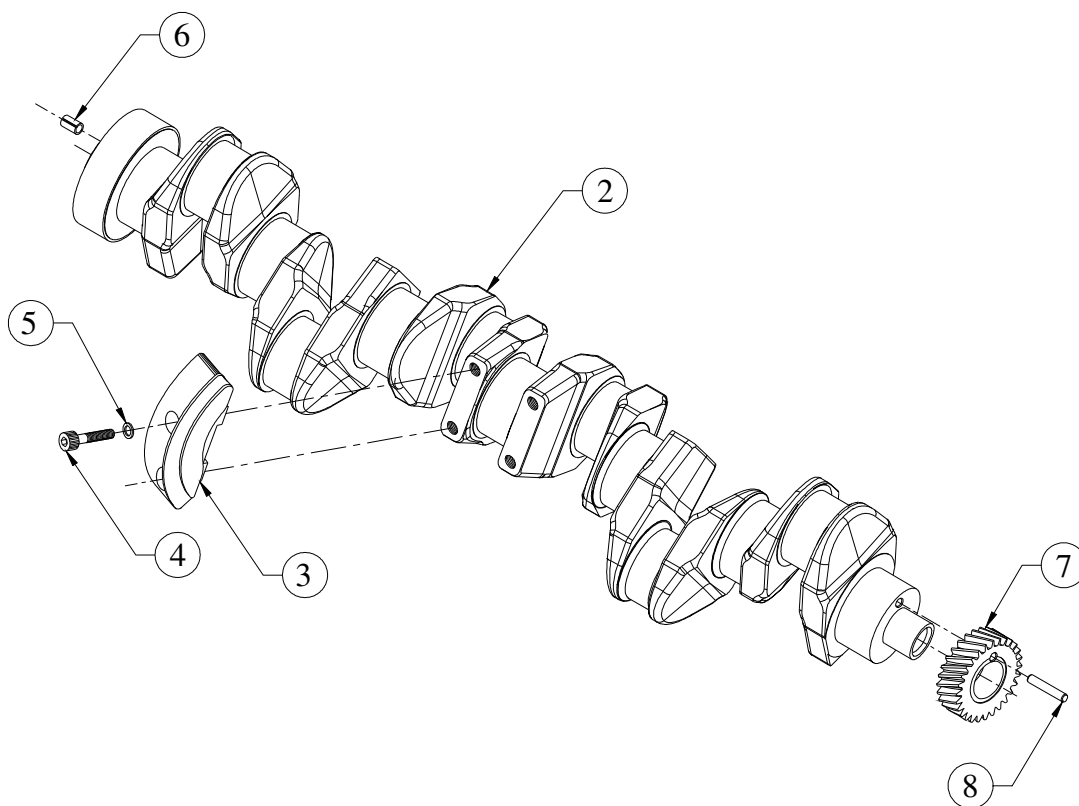
GROUP:- 06.888.3



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
13	06.085.12.0.00	FAN PULLEY (90 PCD A SECTION, 2 GROOVES -- FOR BANDED COGGED BELTS)	1	
14	50.002.08.120.	SET BOLT - M8X1.25X120 - 8.8	3	
15	50.002.08.115.	SET BOLT - M8X1.25X115 - 8.8	1	
16	50.006.08.000.	NUT- M8X1.25 - GR.8	1	
17	50.506.08.000.	PLAIN MACHINED WASHER - M8	4	
18	50.505.08.000.	SPRING WASHER - M8	4	

TITLE: - CRANK PULLEY WITH DAMPER
GROUP: - 06.017


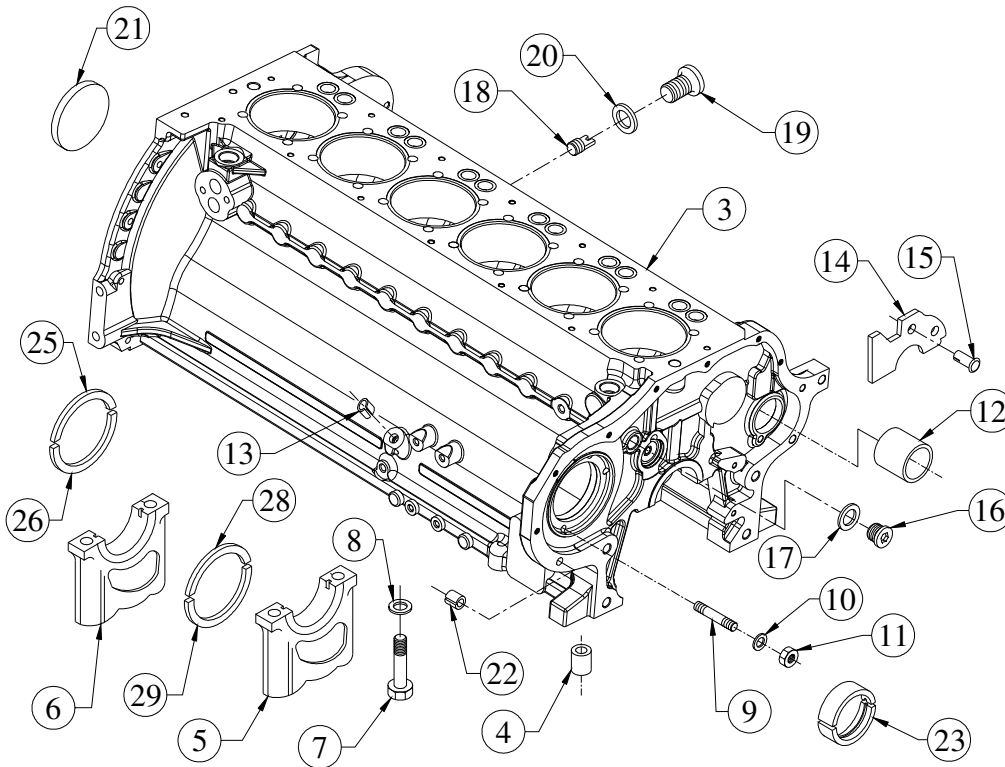
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	06.017.40.0.00	ASSLY OF CRANK PULLEY (MODIFIED FOR BANDED BELT)	1	CONSISTING OF SR. NO. 2 & 3
2	06.017.08.0.00	CRANK PULLEY (MODIFIED - BANDED BELT)	1	
3	06.017.02.0.00	HA6 FLYRING (F)	1	
4	03.016.02.0.00	CRANK PULLY BOLT-UPDATED	1	
5	03.016.03.0.00	WASHER (FOR CRANK PULLEY BOLT) - UPDATED	1	

TITLE: - CRANK SHAFT
GROUP: - 06.004


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	06.004.40.0.00	CR'SHAFT ASSLY. WITH CR'GEAR (UPGRADED)	1	CONSISTING OF SR. NO. 2 TO 8
2	06.004.01.0.00	CRANK SHAFT	1	NOT SUPPLIED LOOSE
3	04.005.11.0.00	BALANCE WT.	6	NOT SUPPLIED LOOSE
4	04.005.12.0.00	SOCKET HEAD BOLT - M12X1.75X60 -10.9	12	
5	02.005.04.0.00	WASHER	12	
6	50.540.11.018.	SPRING DOWEL	1	
7	03.005.02.0.00	CRANK-SHAFT GEAR	1	
8	50.401.08.045.	DOWEL PIN 8X45	1	

TITLE:- CRANKCASE (WITH TAPPED HOLE FOR TURBO-DRAIN) S/F LHD - SA

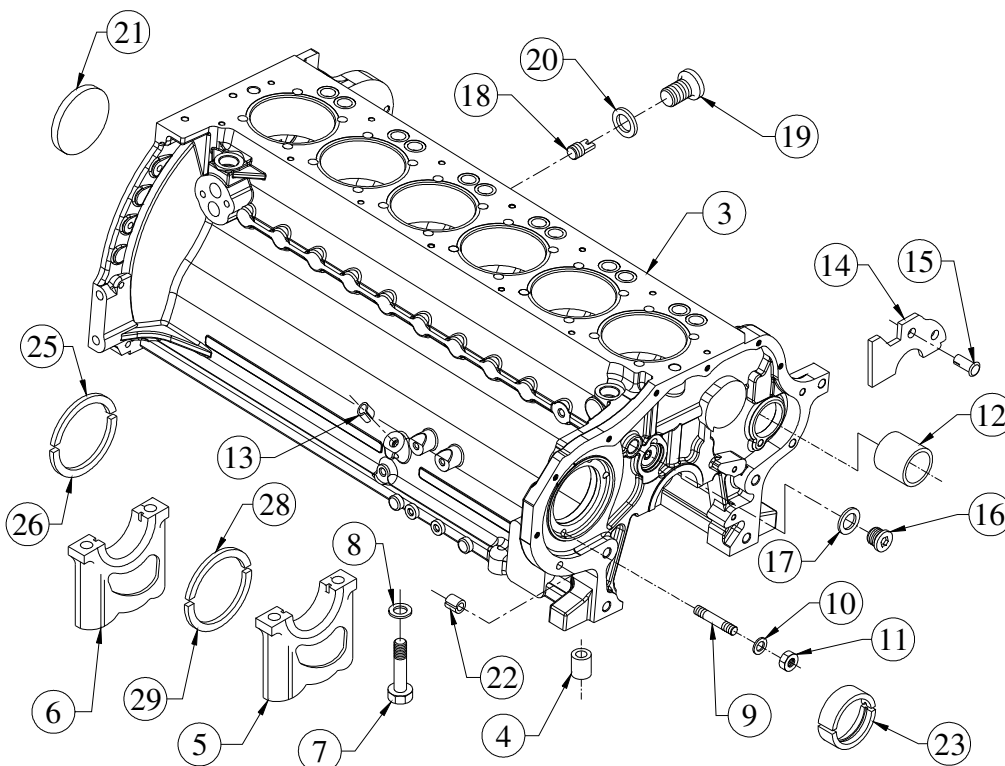
GROUP:- 06.890



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	06.890.10.0.00	CRANKCASE ASSEMBLY W/O BEARINGS (S/F LHD - SA)	1	CONSISTING OF SR. NO. 2 & 9 TO 22
*2	06.890.20.0.00	CRANKCASE & CAP ASSEMBLY – S/F LHD - SA	1	CONSISTING OF SR. NO. 3 TO 8
3	06.890.01.0.00	CRANKCASE (WITH TAPPED HOLE FOR TURBO- DRAIN) S/F L.H.D SA -	1	NOT SUPLIED LOOSE
4	B2.005.16.0.00	HOLLOW DOWEL (M.B.CAP)	14	
5	03.001.23.0.00	M.B.CAP (FWE) 16.99 DIA.DOWEL HOLE	1	NOT SUPLIED LOOSE
6	03.001.24.0.00	M.B.CAP (KHD) 16.99DIA DOWEL HOLES	6	NOT SUPLIED LOOSE
7	03.001.22.0.00	BOLT FOR MB CAP (HEX HEAD) M14X2X128	14	NOT SUPLIED LOOSE
8	02.001.04.0.00	WASHER	14	
9	50.010.10.030.	STUD - M10X1.5X30 - 8.8	4	
10	03.001.25.0.00	WASHER (FOR FUEL PUMP MTG)	4	
11	50.006.10.000.	NUT - M10X1.5 - GR.8	4	

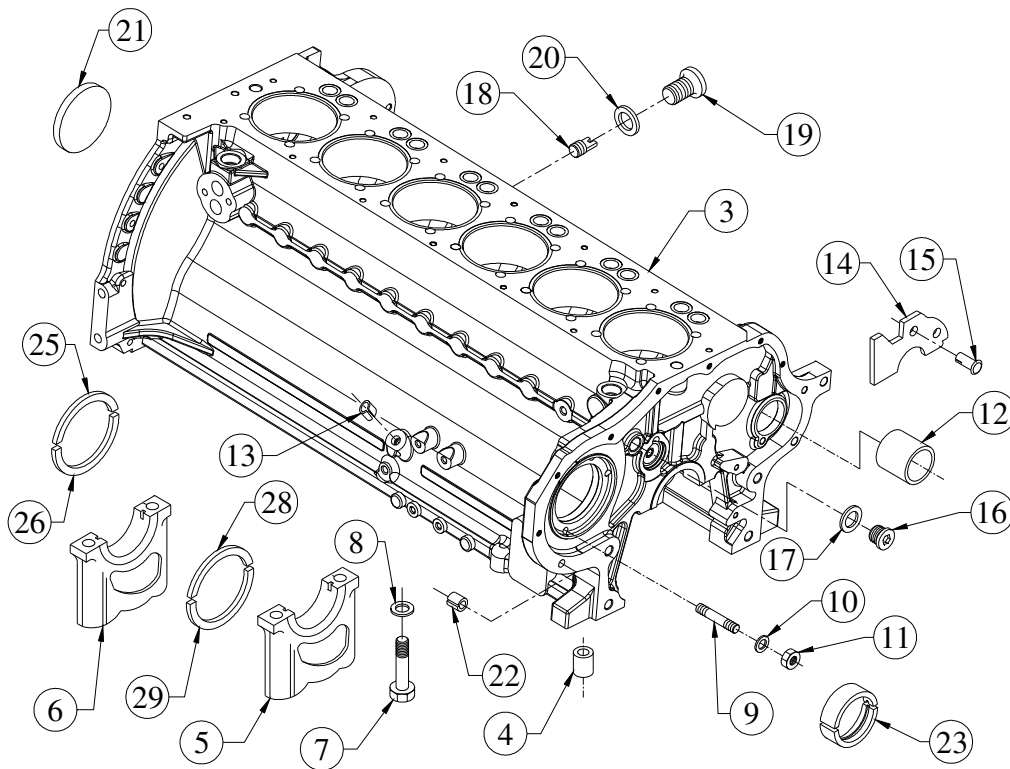
TITLE:- CRANKCASE (WITH TAPPED HOLE FOR TURBO-DRAIN) S/F LHD - SA

GROUP:- 06.890



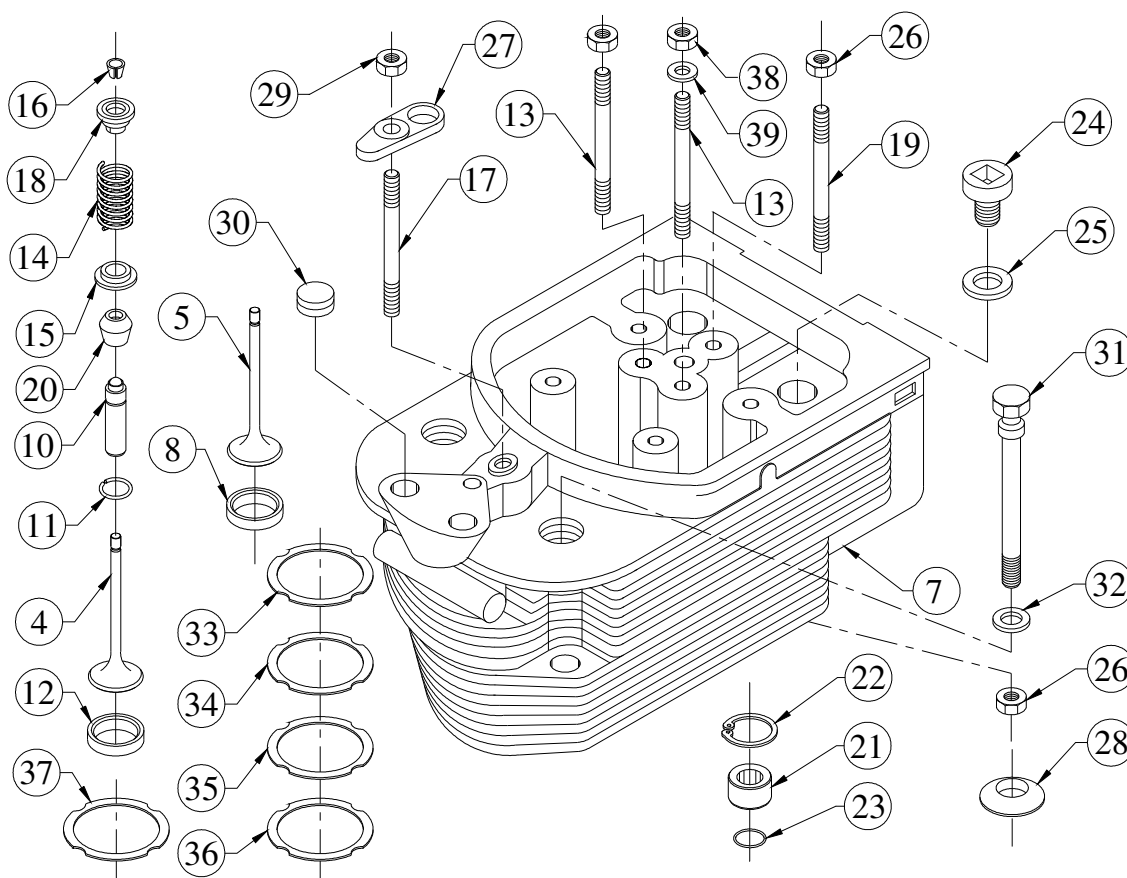
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
12	03.001.04.0.00	CAM BUSH	1	
13	02.037.04.0.00	DIPSTICK GUIDE	1	
14	03.001.08.0.00	DEFLECTOR PLATE	1	
15	50.543.09.010.	NOTCHED PIN	2	
16	04.001.04.0.00	SCREW PLUG (M20 X 1.5)	2	
17	50.508.18.000.	COPPER WASHER (20X24)	2	
18	03.001.07.0.00	SLOTTED PIN	7	
19	50.610.12.000.	CORE PLUG	7	
20	50.508.10.000.	COPPER WASHER (12X18)	7	
21	02.001.13.0.00	DISC PLUG	1	
22	02.001.14.0.00	SPLIT BUSH	2	
23	02.001.07.0.00	MAIN BRG TOP & BOTTOM	7	
*24	03.001.18.0.00	THRUST RING PAIR-DRIVE END, 102 DIA.)	1	CONSISTING OF SR. NO. 25, 26
25	03.001.19.0.00	THRUST WASHER -DRIVE END, TOP	1	

GROUP:- 06.890

[illegible]

TITLE: -CYLINDER HEAD (FOR ENGINES SATISFYING EURO II NORMS AND CPCB STAGE 1)

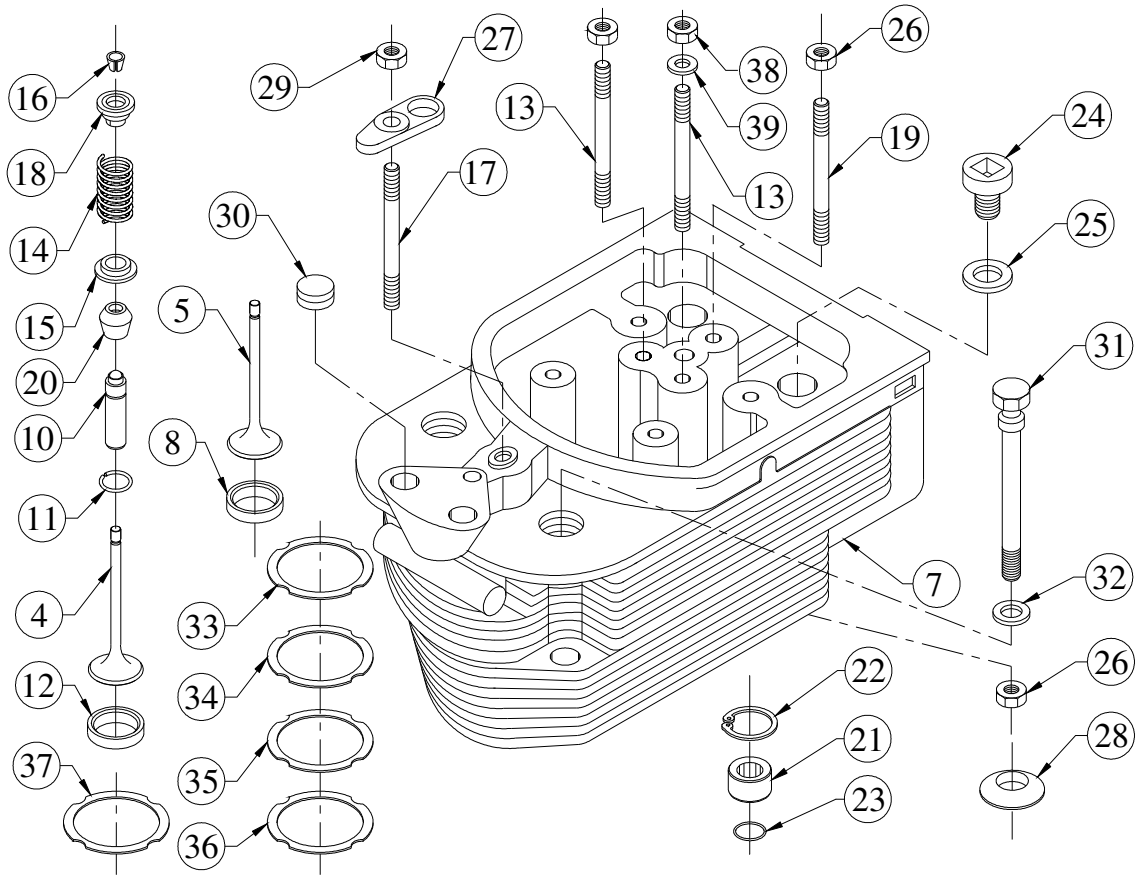
GROUP: - 02.120



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	02.120.20.0.00	CYLINDER HEAD ASSEMBLY COMPLETE (FOR P TYPE NOZZLE)	1	CONSISTING OF SR NO.-2 25 TO 30
*2	02.120.30.0.00	CYLINDER HEAD ASSEMBLY WITH VALVES (FOR P TYPE NOZZLE)	1	CONSISTING OF SR NO.-4 TO 6, 13 TO 26
*3	02.445.10.0.00	INLET & EXHAUST VALVE PAIR	2	CONSISTING OF SR NO.-4 & 5
4	02.445.03.0.00	EXHAUST VALVE (US TIER 1 ENGINE)	1	
5	02.445.02.0.00	INLET VALVE (US TIER 1 ENGINE)	1	
*6	02.120.40.0.00	CYLINDER HEAD SUB ASSEMBLY WITH INSERTS & GUIDE (FOR P TYPE NOZZLE)	1	CONSISTING OF SR NO.-6 TO 9, 12
7	02.120.01.0.00	CYLINDER HEAD (S/F P TYPE INJECTOR)	1	NOT SUPPLIED LOOSE
8	02.445.04.0.00	INLET VALVE SEAT INSERT (US TIER 1 ENGINE)	1	

TITLE: -CYLINDER HEAD (FOR ENGINES SATISFYING EURO II NORMS AND CPCB STAGE 1)

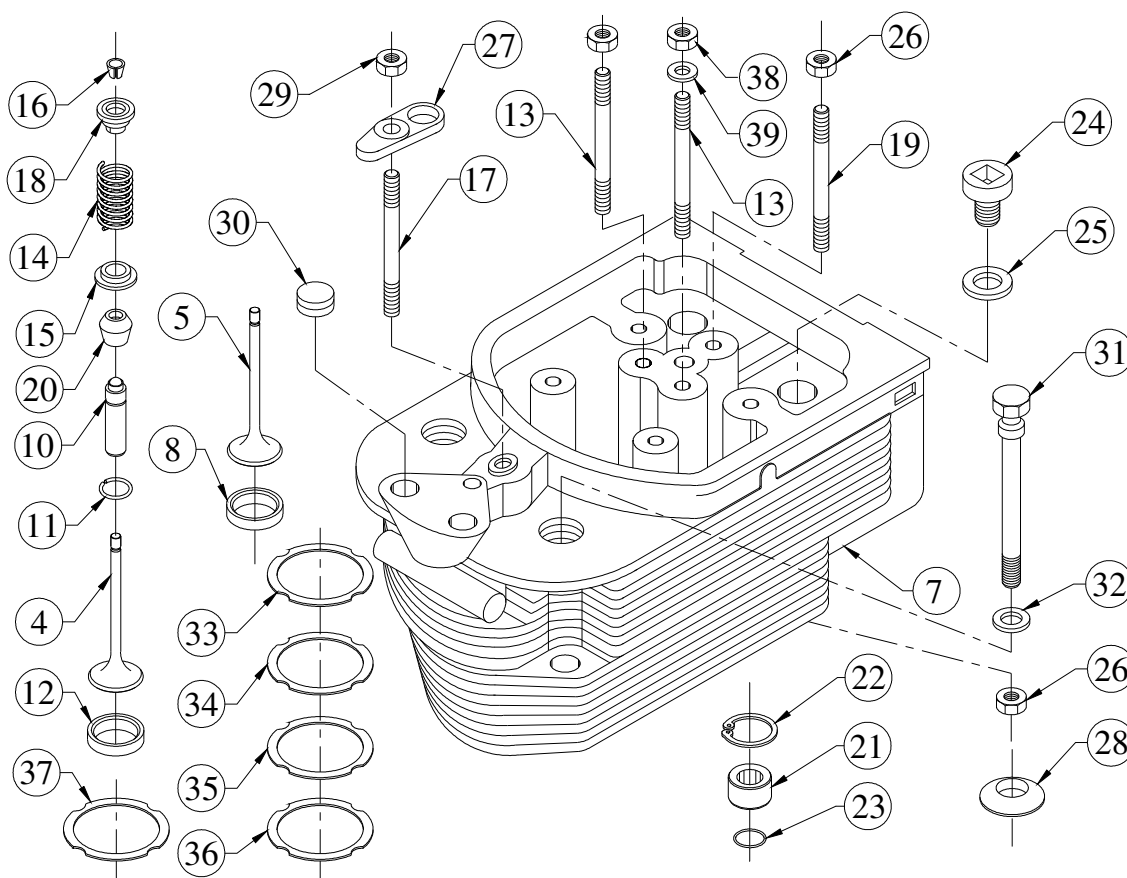
GROUP: - 02.120



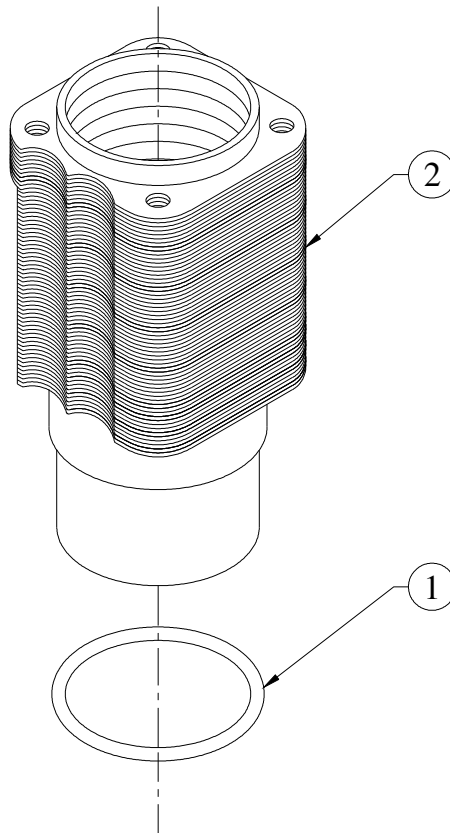
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*9	06.631.40.0.00	VALVE GUIDE & WIRE SNAP RING ASSY.	2	CONSISTING OF SR NO.- 10 & 11
10	06.631.01.9.00	VALVE GUIDE - SEMI FINSH (READY FOR F.BORE)	1	
11	02.022.18.0.00	WIRE SNAP RING	1	
12	04.684.02.0.00	VALAVE SEAT INSERT EXHAUST	1	
13	50.010.08.055.	STUD - M8X1.25X55 - 8.8	3	
14	02.022.13.0.00	VALVE SPRING	2	
15	02.022.21.0.00	SPRING CUP	2	
16	02.022.12.0.00	VALVE COLLET	4	
17	50.010.10.075.	STUD - M10X1.5X75 - 8.8	1	
18	02.022.11.0.00	VALVE CUP	2	
19	50.010.08.040.	STUD - M8X1.25X40 - 8.8	4	
20	06.631.02.0.00	VALVE SEAL	2	
21	02.120.04.0.00	SLEEVE FOR NOZZLE	1	
22	50.520.28.000.	EXTERNAL CIRCLIP	1	
23	02.120.05.0.00	SEALING RING	1	

TITLE: -CYLINDER HEAD (FOR ENGINES SATISFYING EURO II NORMS AND CPCB STAGE 1)

GROUP: - 02.120



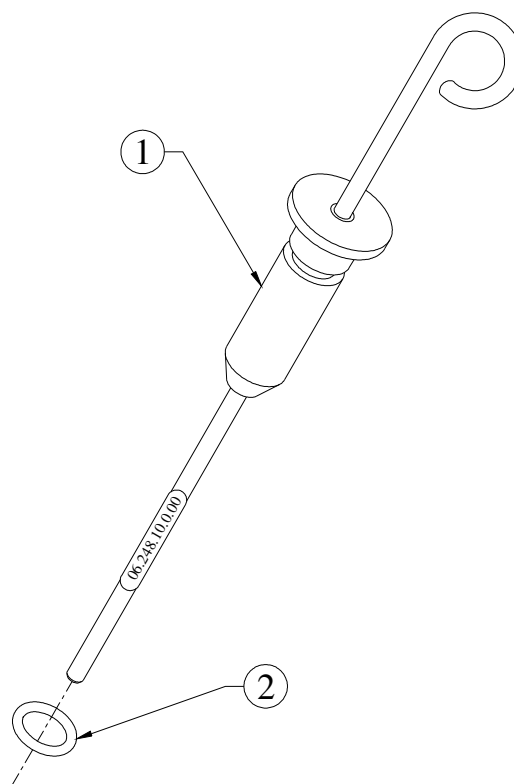
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
24	02.022.09.0.00	LOCKING SCREW	2	
25	02.022.25.0.00	COPPER WASHER	2	
26	50.006.08.000.	NUT- M8X1.25 - GR.8.8	3	
27	08.030.04.0.00	FORK FOR INJECTOR	1	
28	F6.031.05.0.00	SPHERICAL WASHER (DIN 6319-C10.5)	1	
29	50.006.10.000	NUT - M10X1.5 - GR.8.8	1	
30	02.494.01.0.00	BUTTON FOR INECTOR YOKE.	1	
31	02.022.03.0.00	CYLINDER HEAD BOLT 12X211	4	
32	02.022.04.0.00	WASHER	4	
33	04.291.11.0.00	INTERMEDIATE RING (1.5 MM THICK)	1	
34	04.291.15.0.00	INTERMEDIATE RING (1.7 MM THICK)	1	
35	06.292.01.0.00	INTERMEDIATE RING (1.1 MM THICK)	1	
36	04.291.22.0.00	INTERMEDIATE RING (2.0 MM THICK)	1	

TITLE :- CYLINDER LINER
GROUP :- 02.019


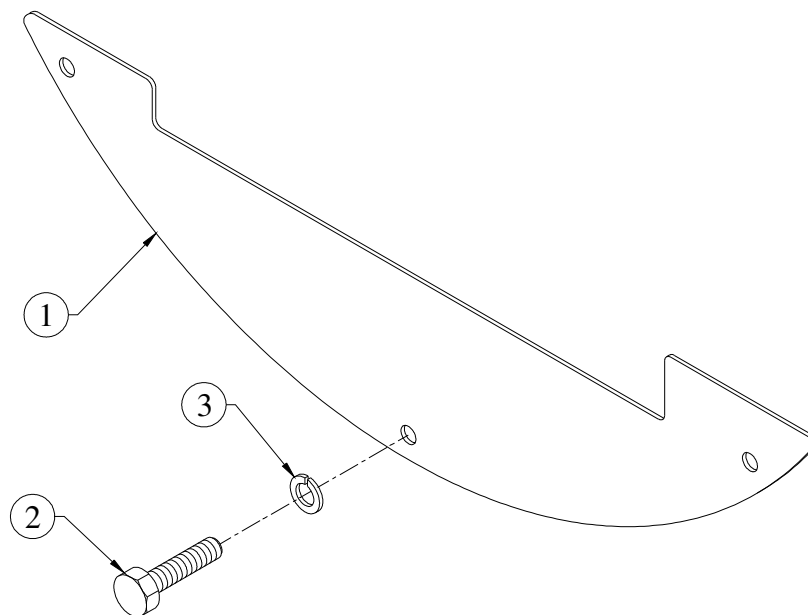
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	02.019.03.0.00	SHIM RING FOR CYL.LINER (0.2 THK.)	2	
2	02.019.04.0.00	CYLINDER LINER	1	NOT SUPPLIED LOOSE

TITLE: - DELIVERY TUBE	GROUP: - 03.012
The diagram shows an exploded view of a delivery tube assembly. Component 1 is a square flange with a central circular hole. Component 2 is a long, curved tube with a flange at one end. Component 3 is a circular seal or gasket. Arrows point from the numbered circles to their respective components: 1 points to the flange, 2 points to the tube, and 3 points to the seal. The seal is shown in two positions: one at the bottom of the tube's flange and one at the top of the tube's flange, indicating its placement relative to the tube.	

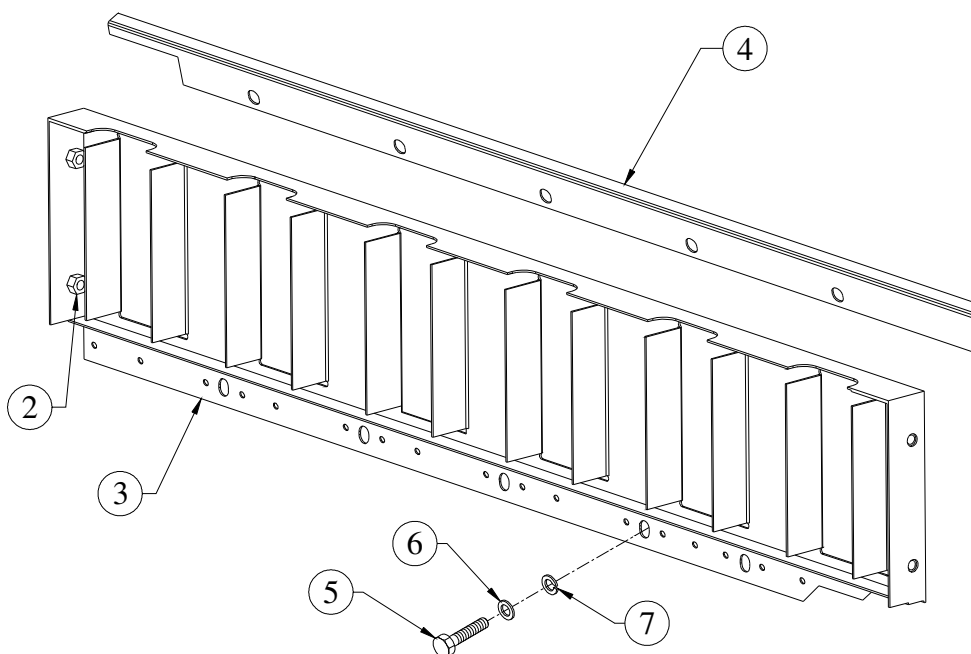
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TITLE: - DIP STICK (20DEG INCL SHORT)
GROUP: - 06.248


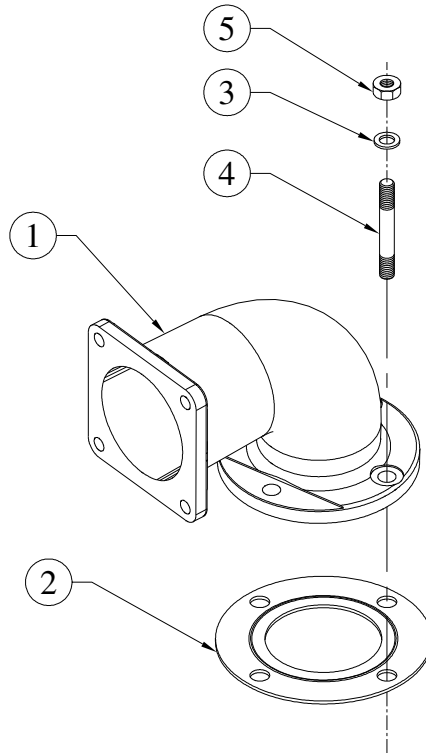
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.248.10.0.00	DIPSTICK ASSLY	1	
2	03.036.01.0.00	O RING - DIPSTICK (2X5, 21515 OR 21511)	1	

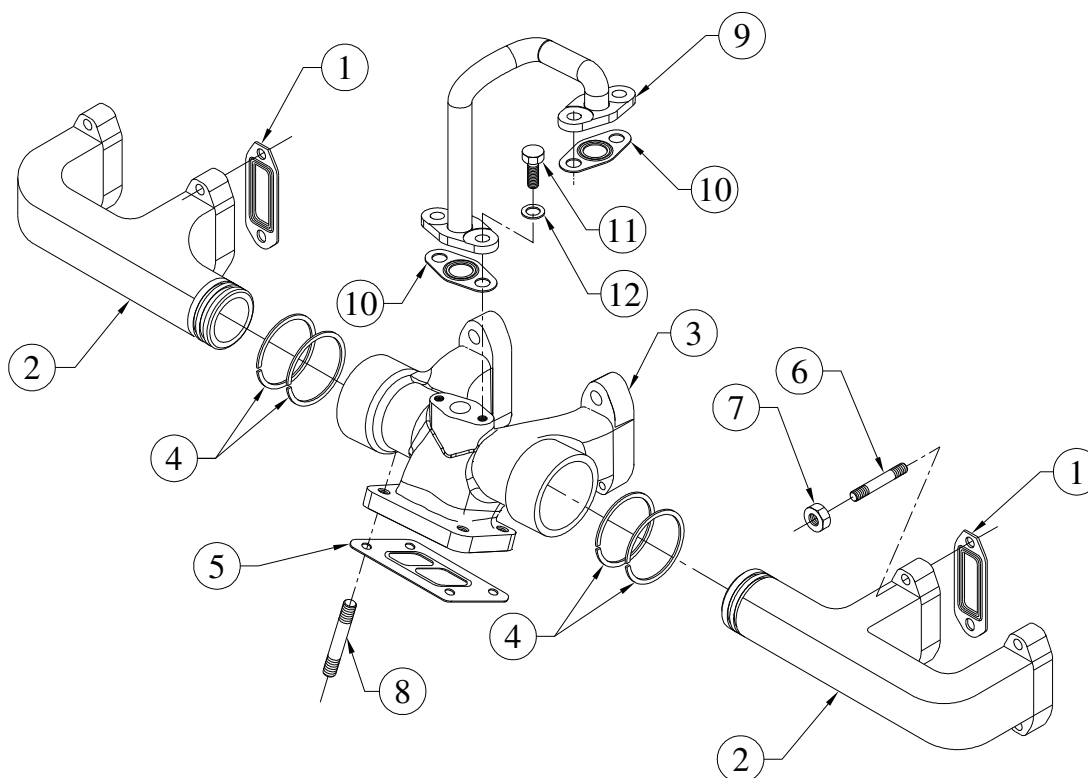
TITLE: - END COVER FOR BELL HSG
GROUP :- 06.091


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.091.01.0.00	END COVER FOR BELL HSG	1	
2	50.003.06.012.	SET SCREW - M6X1X12 - 8.8	3	
3	50.505.06.000.	SPRING WASHER - M6	3	

TITLE :- EXHAUST AIR BAFFLE
GROUP :- 06.024


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	06.024.10.0.00	EXHAUST AIR BAFFLE ASSEMBLY	1	CONSISTING OF SR. NO. 2 TO 4
2	02.028.02.0.00	NUT	4	
3	06.024.01.0.00	EXHAUST AIR BAFFLE	1	
4	06.024.02.0.00	ANGLE FOR EXH.AIR BAFFLE	1	
5	50.003.08.016	SET SCREW - M8X1.25X16 - 8.8	5	
6	50.506.08.000	PLAIN MACHINED WASHER - M8	5	
7	50.505.08.000	SPRING WASHER - M8	5	

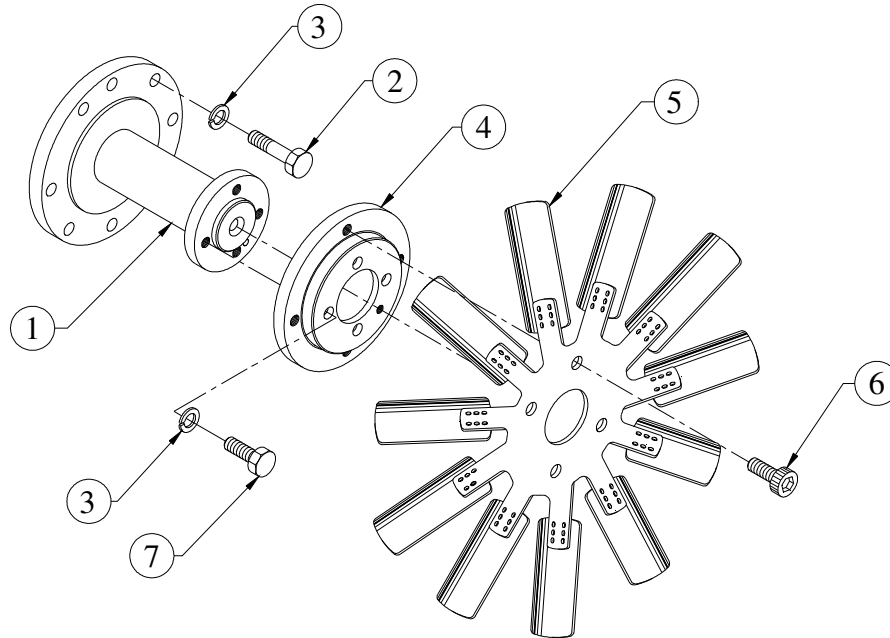
[illegible]

TITLE: - EXHAUST MANIFOLD (CMVR III)
GROUP: - 06.887.1


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	02.045.08.0.00	JOINT (FOR EXH. INLET)	6	
2	06.887.01.0.00	ONE PIPE EXHAUST MANIFOLD	2	
3	06.887.06.0.00	EXHAUST MANIFOLD CENTRAL PIECE (HA6 BS III EGR)	1	
4	06.219.03.0.00	SEALING RING	4	
5	49.120.04.0.00	JOINT FOR TURBO INLET	1	
6	50.010.08.035.	STUD - M8X1.25X35 - 8.8	12	
7	02.022.24.0.00	NUT M8 (BRASS)	12	
8	50.010.10.035.	STUD - M10X1.5X35 - 8.8	4	
9	06.887.05.0.00	EGR PIPE FOR HA694TCI CMVR III ENGINE	1	
10	06.887.07.0.00	JOINT FOR EGR PIPE (HA6 BS III)	1	
11	50.003.08.030.	SET SCREW - M8X1.25X30 - 8.8	4	
12	50.506.08.000.	PLAIN MACHINED WASHER - M8	4	

TITLE :- FAN & MTGS ON CRANK PULLEY
HA694 DYNAPAC

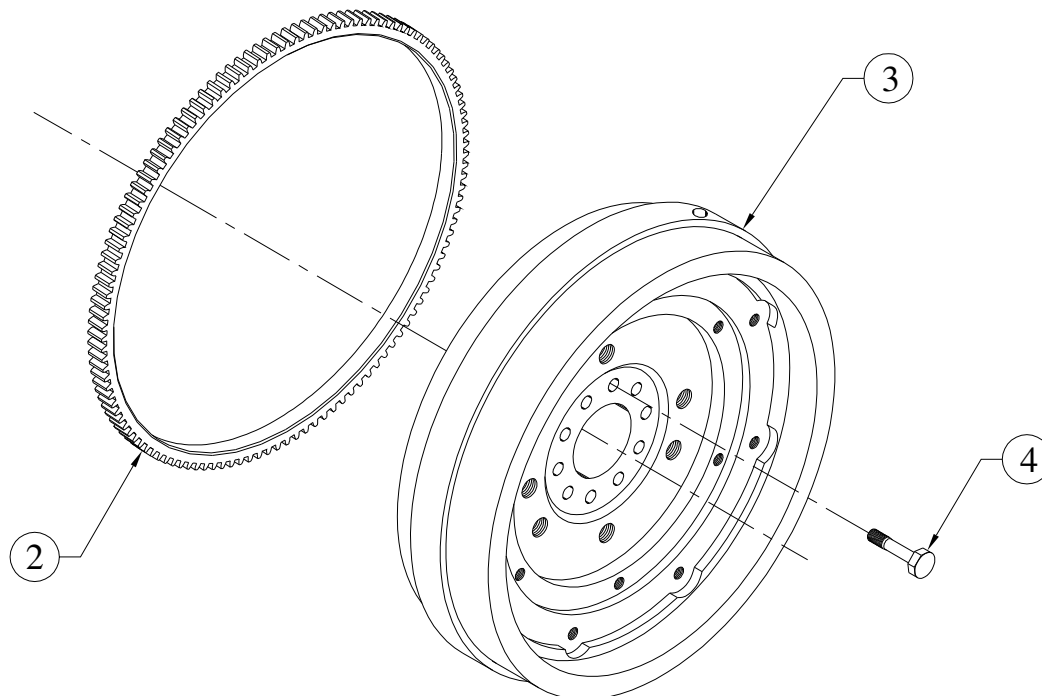
GROUP :- 06.858



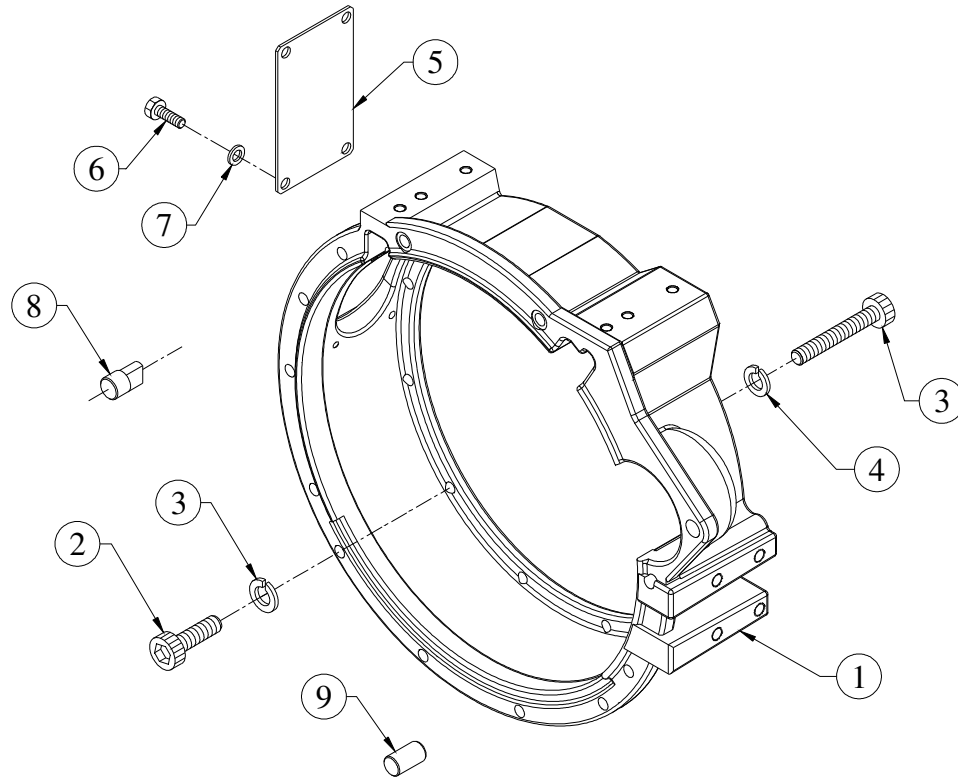
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.484.06.0.00	ADAPTOR ON CRANK PULLEY	1	
2	50.002.08.035	SET BOLT - M8X1.25X35 - 8.8	8	
3	50.505.08.000	SPRING WASHER - M8	12	
4	06.484.12.0.00	ADAPTOR FOR FAN	1	
5	06.484.11.0.00	FAN 390 MM O.D. (11 BLADES)	1	
6	50.011.08.016	SOCKET HEAD SCREW - M8X1.25X16 - 8.8	4	
7	50.003.08.020	SET SCREW - M8X1.25X20 - 8.8	4	

TITLE: - FLY WHEEL
(C-108, PTO FLEX COUPLING)

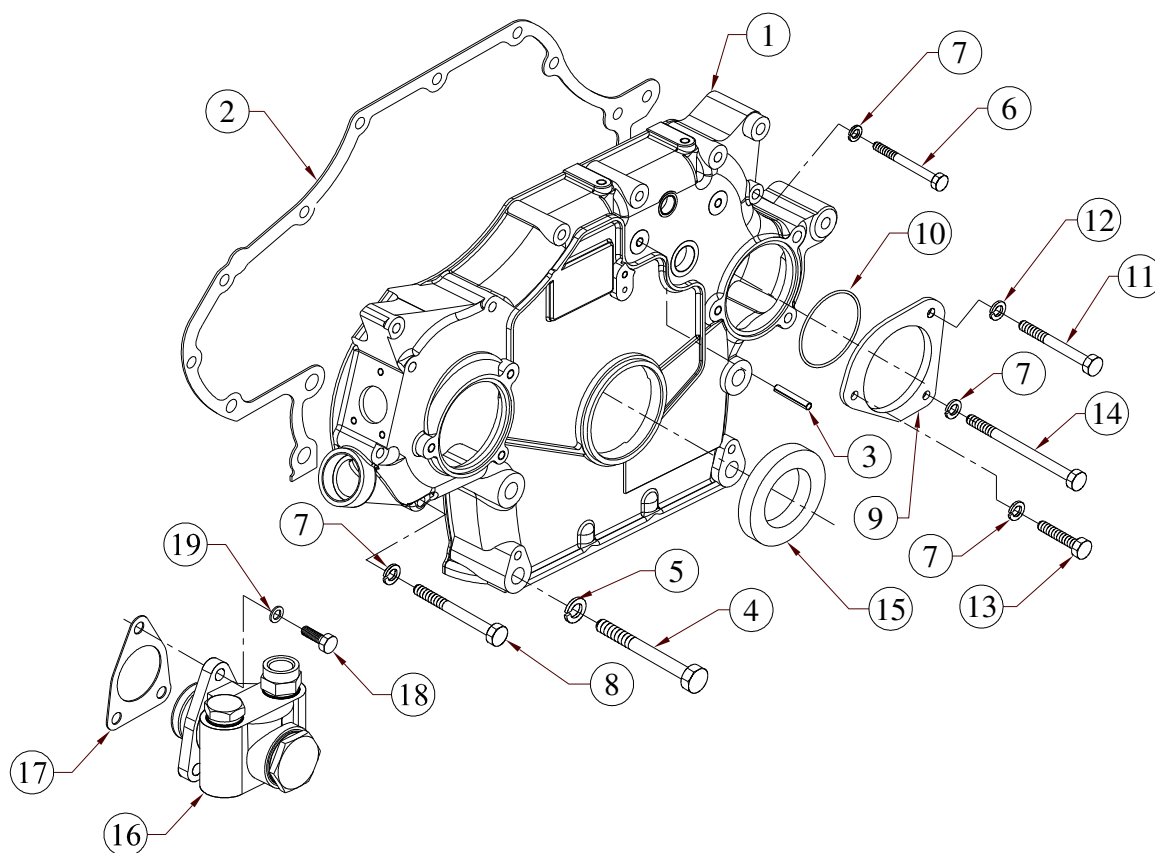
GROUP :- 04.024



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	04.024.10.0.00	SUBASLY OF F.W.&STARTER RING	1	CONSIST OF SR. NO.- 2 & 3
2	03.035.02.0.00	STARTER RING HA	1	
3	04.024.01.0.00	FLYWHEEL (C-108 PTO,FLEXIBLE COUP.CENTA)	1	NOT SUPPLIED LOOSE
4	04.024.02.0.00	BOLT FOR FLYWHEEL (M10X45 LONG)	10	

TITLE: - FLYWHEEL HSG (SAE4)
GROUP :- 03.108


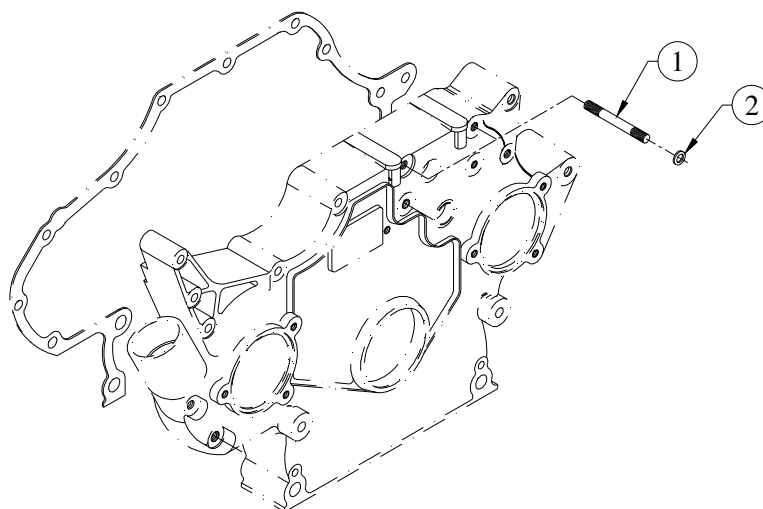
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	03.108.03.0.00	SAE 4 FLYWHEEL HOUSING SUITABLE FOR DOWEL MTG.	1	
2	50.011.10.030	SOCKET HEAD SCREW - M10X1.5X30 - 8.8	6	
3	50.011.10.120	SOCKET HEAD SCREW - M10X1.5X120 - 8.8	3	
4	50.505.10.000	SPRING WASHER - M10	9	
5	03.086.02.0.00	COVER FOR FLY WHEEL HSG	1	
6	50.003.08.016	SET SCREW - M8X1.25X16 - 8.8	4	
7	50.505.08.000	SPRING WASHER - M8	4	
8	02.052.05.0.00	DOWEL WITH FLATS BETWEEN CRANK CASE & F W HSG	1	
9	02.052.04.0.00	CYLINDRICAL DOWEL BETWEEN CRANKCASE & F W HSG	1	

TITLE: - FRONT COVER (FOR HA6 BS-III)
GROUP: - 03.731.7


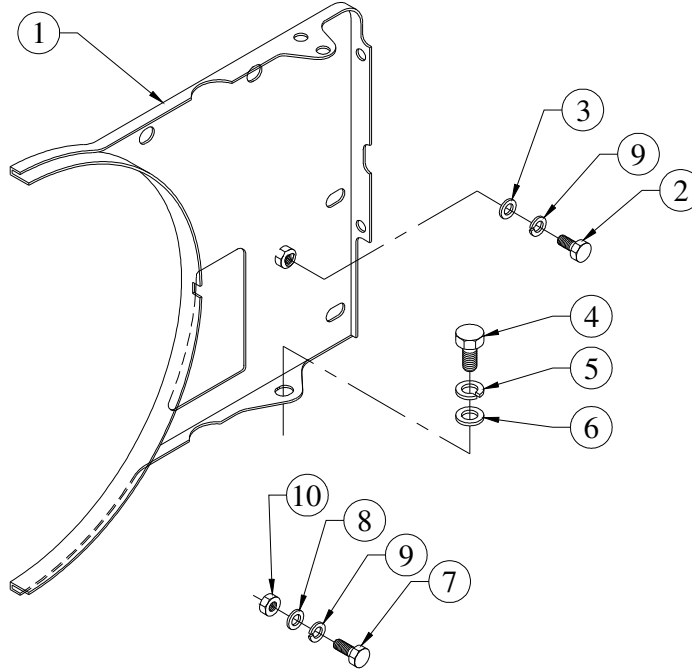
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	03.731.07.0.00	FRONT COVER (FINISH) FOR BS III	1	
2	03.013.12.0.00	JOINT FOR FRONT COVER (ASBESTOSS FREE)	1	
3	50.540.10.045.	SPRING DOWEL (6 X 45)	1	
4	50.052.14.100.	SET BOLT	4	
5	50.505.14.000.	SPRING WASHER - M14	4	
6	50.002.08.070.	SET BOLT - M8X1.25X70 - 8.8	2	
7	50.505.08.000.	SPRING WASHER - M8	7	
8	50.002.08.075.	SET BOLT - M8X1.25X75 - 8.8	1	
9	03.013.03.0.00	COVER	1	
10	03.013.11.0.00	O RING (3.2 X 78 SILICONE)	1	
11	50.002.10.080.	SET BOLT - M10X1.5X80 - 8.8	1	
12	50.505.10.000.	SPRING WASHER - M10	1	
13	50.003.08.016.	SET SCREW - M8X1.25X16 - 8.8	1	
14	50.002.08.090.	SET BOLT - M8X1.25X90 - 8.8	1	
15	03.013.06.0.00	OIL SEAL (65X85X13)(CR MAKE)	1	

GROUP: - 03.731.7

[illegible]

TITLE: - FRONT COVER (STAGE 2)
GROUP: - 06.013.2


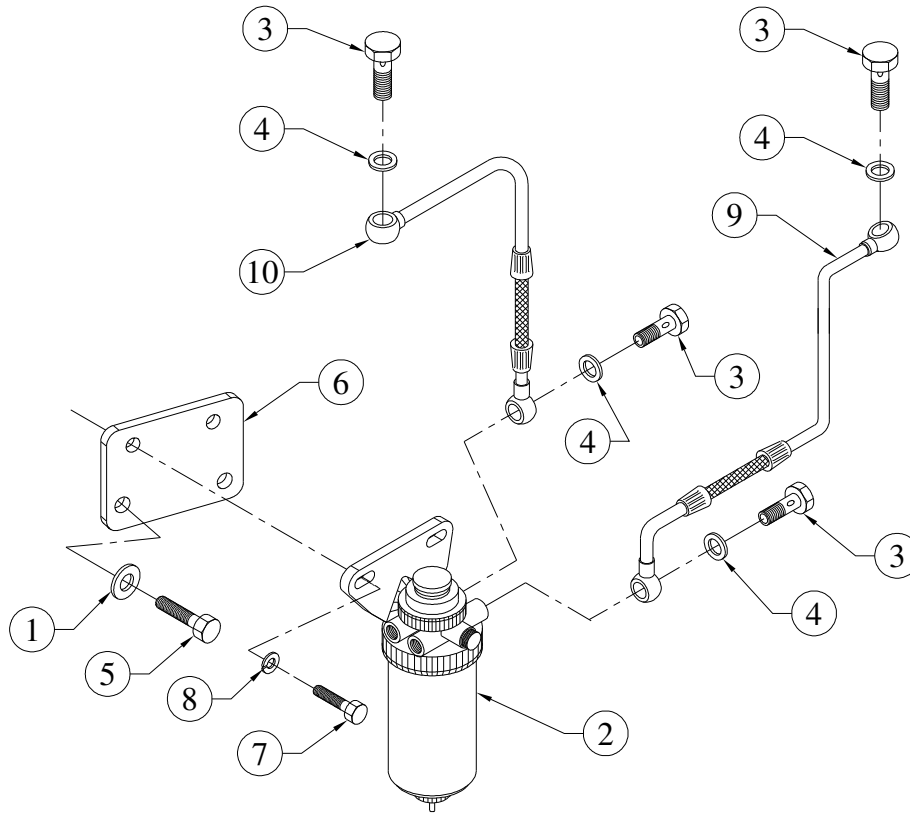
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	50.010.08.080.	STUD - M8X1.25X80 - 8.8	2	
2	50.506.08.000.	PLAIN MACHINED WASHER - M8	2	

TITLE: - FRONT COWLING (MODIFIED)
GROUP: - 06.021.1


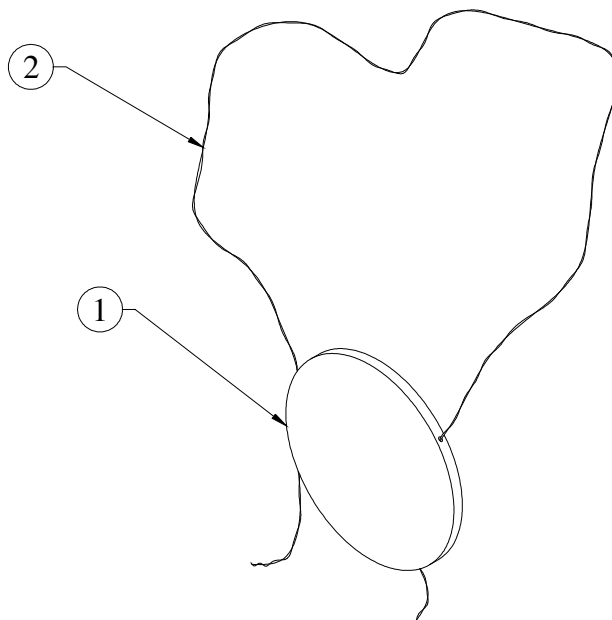
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.021.20.0.00	FRONT COWLING (WITH HALF CUT)	1	
2	50.003.06.012.	SET SCREW - M6X1X12 - 8.8	3	
3	03.023.02.0.00	SPL. PLAIN WASHER - M6	3	
4	50.003.08.014.	SET SCREW - M8X1.25X14 - 8.8	1	
5	50.505.08.000.	SPRING WASHER - M8	1	
6	50.506.08.000.	PLAIN MACHINED WASHER - M8	1	
7	50.003.06.014.	SET SCREW - M6X1X14 - 8.8	1	
8	50.548.06.000.	WASHER	1	
9	50.505.06.000.	SPRING WASHER - M6	4	
10	50.006.06.000.	NUT - M6X1 - GR.8.8	1	

[illegible]

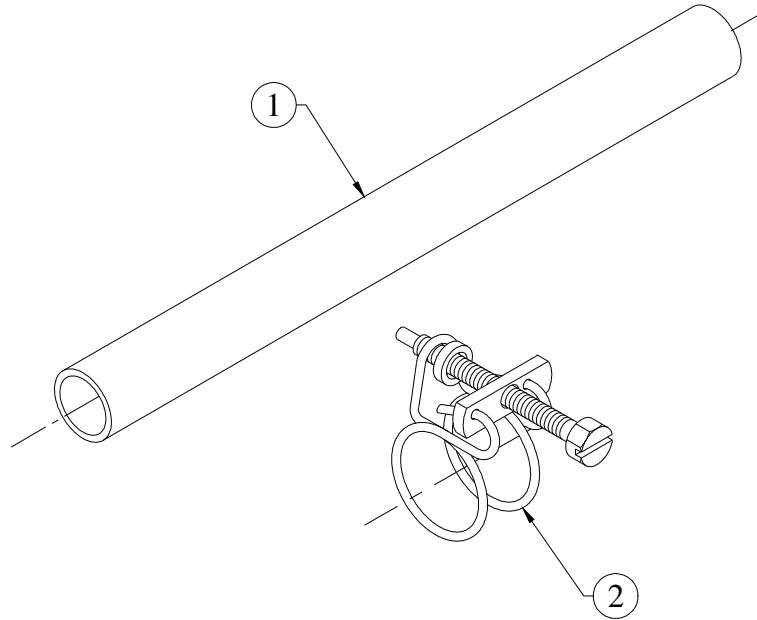
GROUP: - 06.474.4



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	50.506.12.000.	PLAIN MACHINED WASHER - M12	2	
2	06.474.10.0.00	FUEL FILTER ASSEMBLY (STANADYNE 5 MICRON S/F HA694 TC SA)	1	
3	50.504.04.000.	BANJO BOLT - M14X1.5	4	
4	50.508.12.000.	COPPER WASHER (14X20)	8	
5	50.003.12.040.	SET SCREW - M12X1.75X40 - 8.8	2	
6	06.333.11.0.00	BRACKET FOR FUEL FILTER HA694 TCI CMVR III	1	
7	50.003.08.025.	SET SCREW - M8X1.25X25 - 8.8	2	
8	50.505.08.000.	SPRING WASHER - M8	2	
9	06.474.07.0.00	FUEL PIPE (FEED PUMP TO FUEL FILTER WITH HAND PRIMER)	1	
10	06.474.08.0.00	FUEL PIPE (FUEL FILTER TO FUEL PUMP)	1	

TITLE: - FUEL INJECTION PUMP (SRAGE 2)
GROUP: - 06.527.2


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	10.027.02.0.00	LEAD SEAL (5945010300)	1	
2	10.027.03.0.00	SEALING WIRE (5945010600)	1	

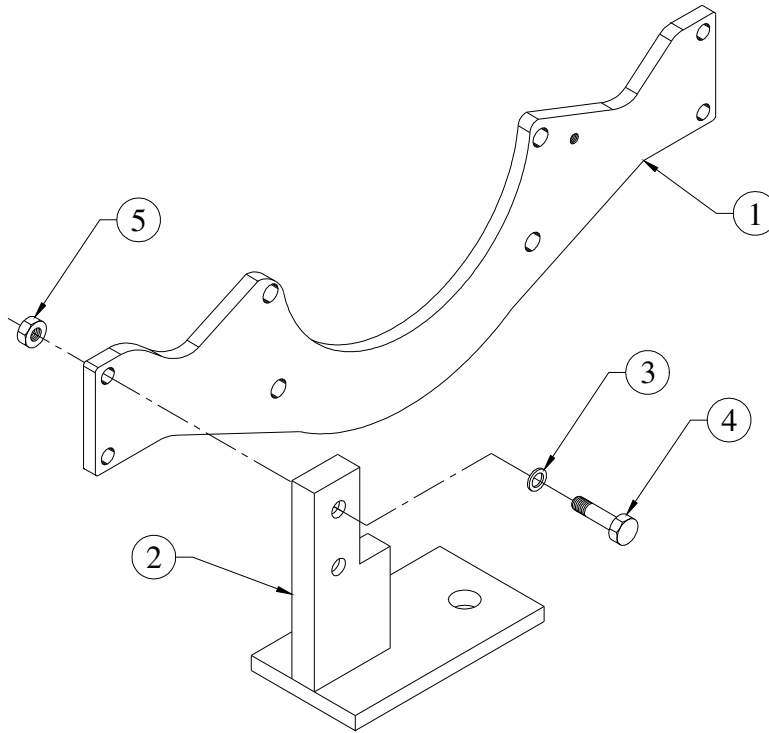
TITLE :- FUEL PIPE (4 MTR) AND CLAMPS
GROUP :- 06.654.10


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.610.03.0.00	FUEL PIPE 9 I.D.X4000 L (RAYON BRAIDING)	1	
2	06.610.04.0.00	WIRE HOSE CLIP (S/F 16 MM PIPE)	4	

[illegible]

**TITLE: - GE FOOT (FOR AV MTG) WITH
PACKING FOOT**

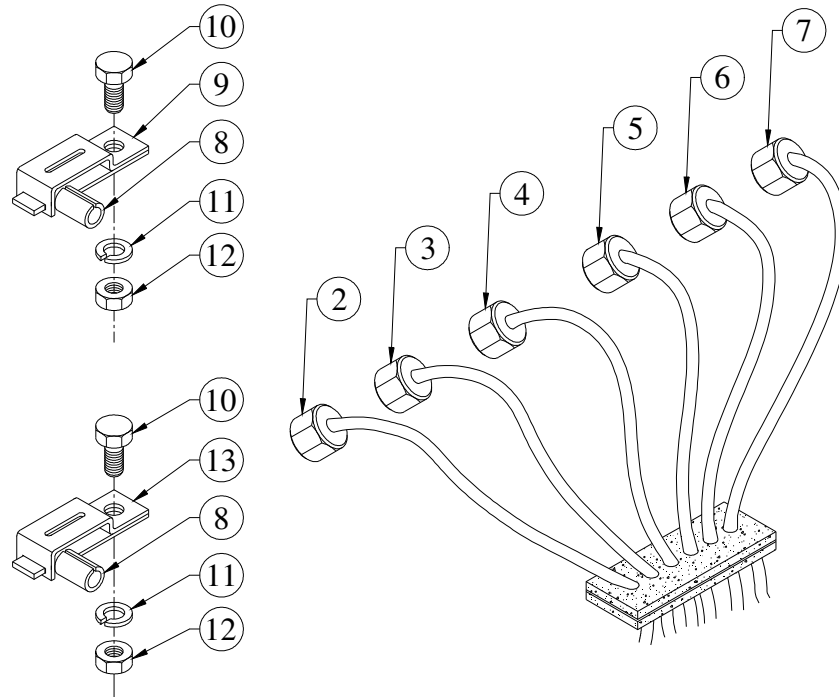
GROUP: - 04.037

[illegible]

[illegible]

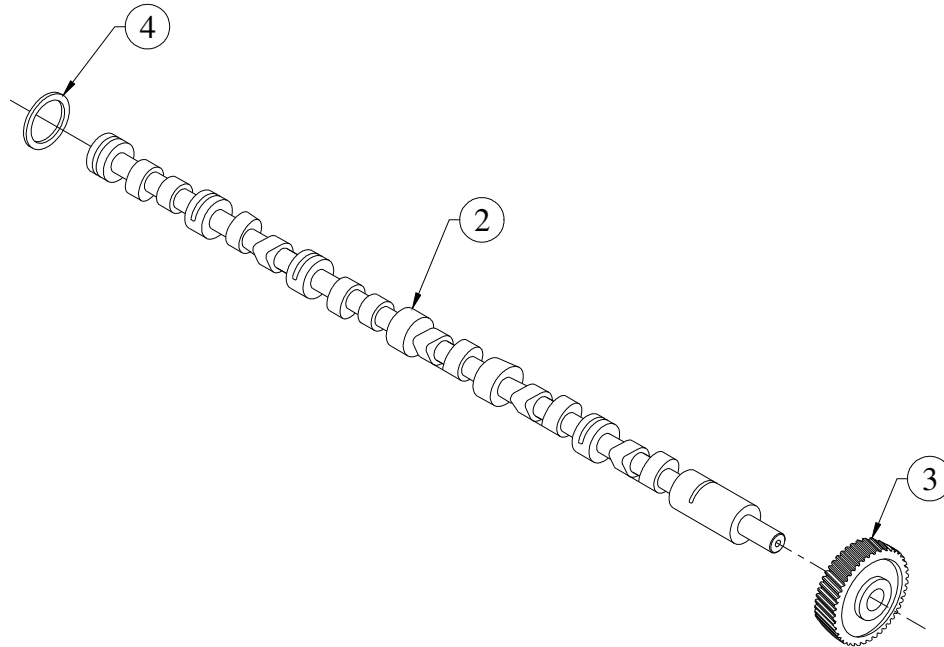
TITLE: - H P PIPE (ROTARY PUMP)
(SOUTH AFRICA)

GROUP: - 06.055



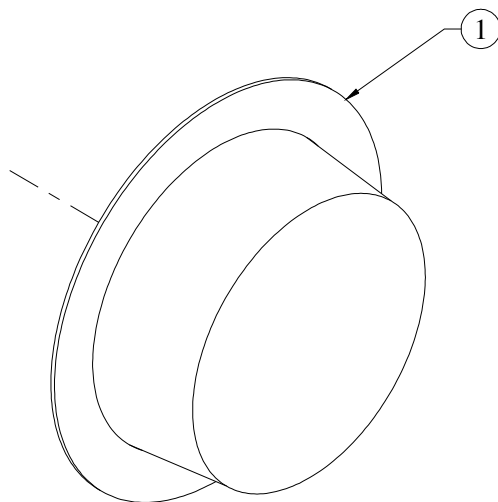
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	06.055.90.0.00	SET OF HIGH PRESSURE PIPE (SOUTH AFRICA)	1	CONSISTING OF SR. NO. 2 TO 13
2	06.055.10.0.00	HIGH PRESSURE PIPE ASSLY. HA694 (CYL.NO.1 FROM FWE)	1	
3	06.055.20.0.00	HIGH PRESSURE PIPE ASSLY. HA694 (CYL.NO 2 FROM FWE)	1	
4	06.055.30.0.00	HIGH PRESSURE PIPE ASSLY. HA694 (CYL. NO 3 FROM FWE)	1	
5	06.055.40.0.00	HIGH PRESSURE PIPE ASSLY. HA694 (CYL.NO.4 FROM FWE)	1	
6	06.055.50.0.00	HIGH PRESSURE PIPE ASSLY. HA694 (CYL.NO.5 FROM FWE)	1	
7	06.055.60.0.00	HIGH PRESSURE PIPE ASSLY. HA694 (CYL.NO.6 FROM FWE)	1	
8	02.036.03.0.00	RUBBER SLEEVE	15	
9	50.541.02.000.	PIPE CLIP. (FOR 3 PIPES)	1	
10	50.003.06.014.	SET SCREW - M6X1X14 - 8.8	4	
11	50.505.06.000.	SPRING WASHER - M6	4	

[illegible]

TITLE: -IEGR CAMSHAFT (CMVR STAGE III)
GROUP: - 06.005.2


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	06.005.50.0.00	CAMSHAFT AND GEAR ASSEMBLY (CMVR III)	1	CONSISTING OF SR. NO.- 2 & 3
2	06.005.05.0.00	CAMSHAFT FOR HA694TCI CMVR STAGE III ENGINE (INTERNAL EGR)	1	NOT SUPPLIED LOOSE
3	03.006.04.0.00	CAM SHAFT GEAR	1	NOT SUPPLIED LOOSE
4	03.006.02.0.00	THRUST WASHER (FOR CAMSHAFT)	1	NOT SUPPLIED LOOSE

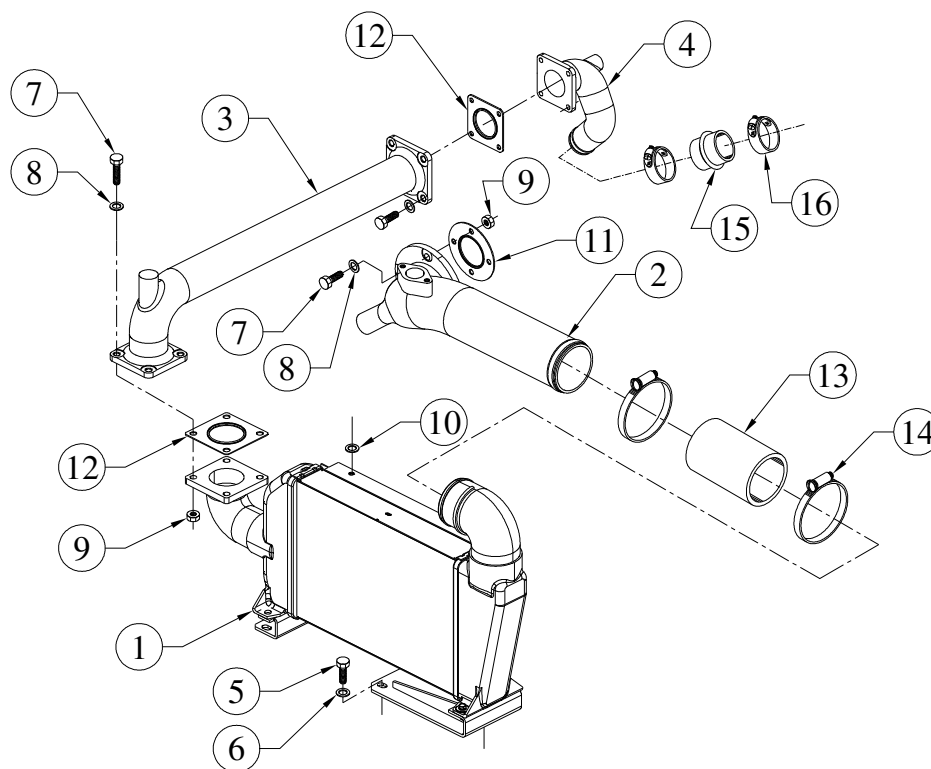
[illegible]

TITLE: - INLET MANIFOLD (STAGE 2)
GROUP: - 06.037.2


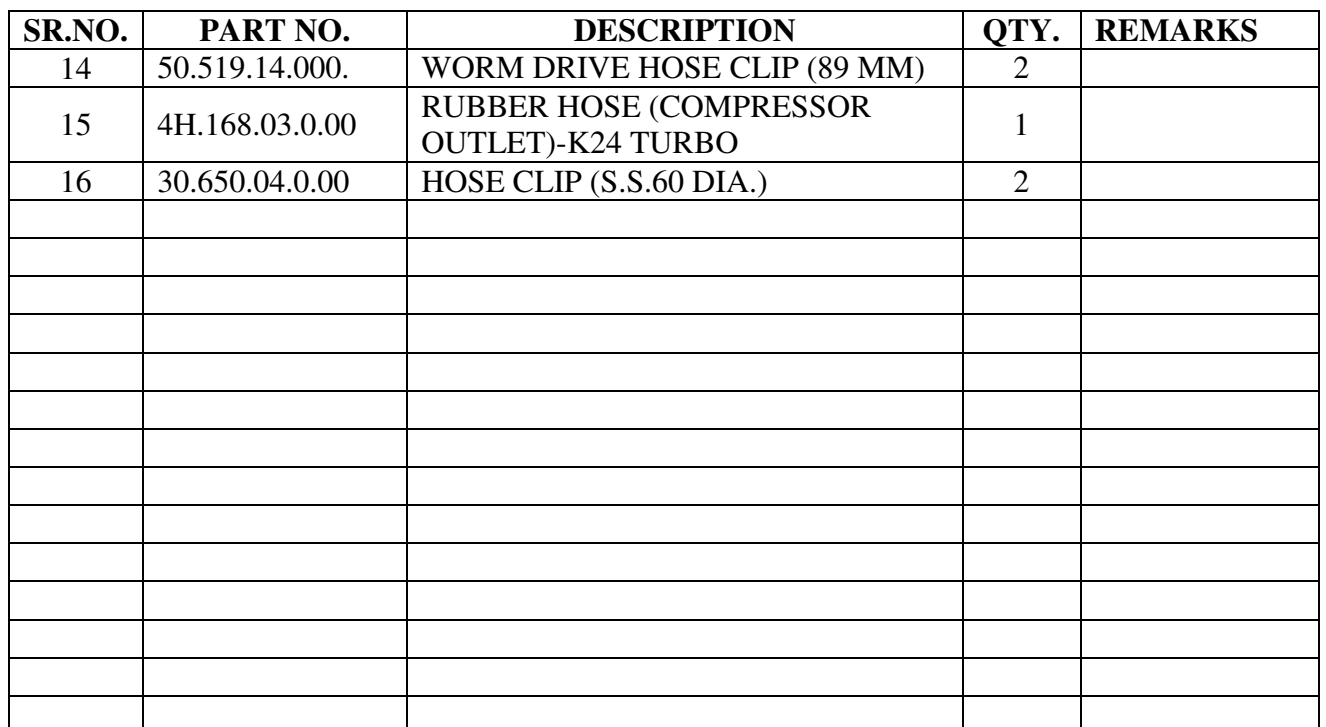
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	03.037.04.0.00	PLUG FOR INLET MANIFOLD	1	

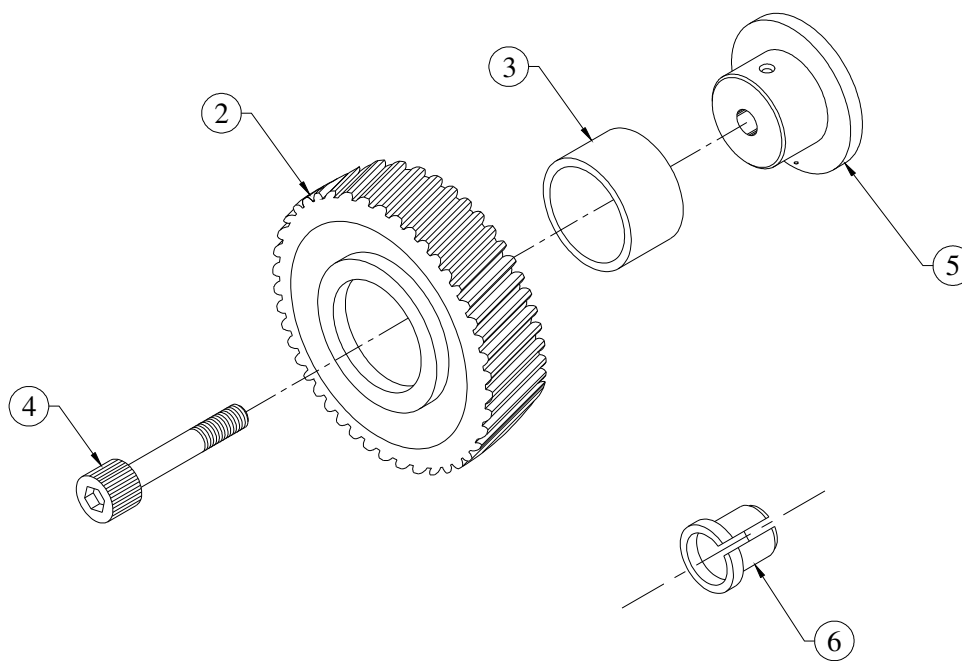
TITLE: - INTERCOOLER ASSEMBLY & MOUNTINGS

GROUP: - 06.011



SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.011.20.0.00	INTERCOOLER FOR HA694TCI CMVR STAGE III	1	
2	06.011.09.0.00	CAC OUTLET PIPE TO INLET MANIFOLD	1	
3	06.011.11.0.00	CAC INLET PIPE	1	
4	06.011.03.0.00	OUTLET PIPE (FOR INTERCOOLER)	1	
5	50.003.10.025.	SET SCREW - M10X1.5X25 - 8.8	4	
6	50.506.10.000.	PLAIN MACHINED WASHER - M10	4	
7	50.003.08.030.	SET SCREW - M8X1.25X30 - 8.8	17	
8	50.506.08.000.	PLAIN MACHINED WASHER - M8	17	
9	50.006.08.000.	NUT- M8X1.25 - GR.8	12	
10	50.506.06.000.	PLAIN MACHINED WASHER - M6	6	
11	06.011.07.0.00	JOINT (BETWEEN AIR INLET MANIFOLD TO CAC PIPE)	1	
12	06.011.08.0.00	JOINT (FOR CAC PIPE)	2	
13	KV8.175.02.0.00	HOSE FOR ENGINE WATER OUT CONNECT PIPE	1	

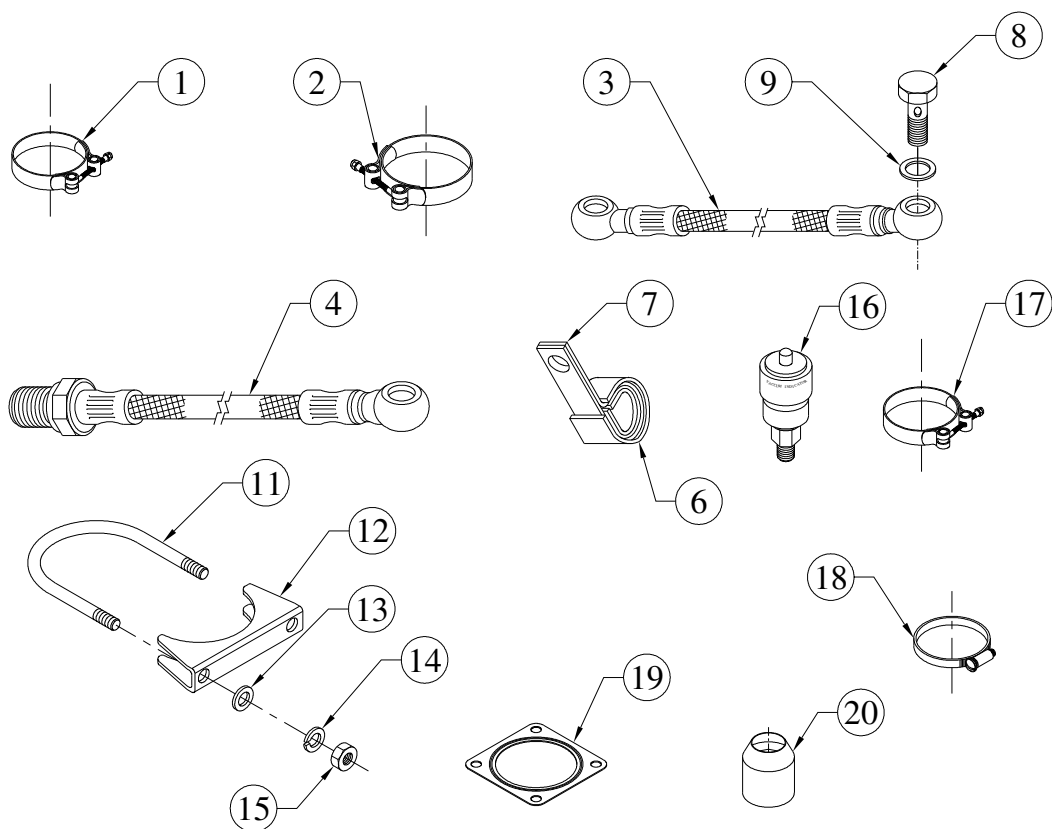


TITLE :- INTERMEDIATE GEAR
GROUP :- 03.008


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	03.008.10.0.00	INTERMEDIATE GEAR ASSLY	1	CONSIST OF SR. NO. 2 & 3
2	03.008.01.0.00	INTERMEDIATE GEAR	1	NOT SUPPLIED LOOSE
3	03.008.02.9.00	BEARING BUSH FOR INTERMEDIATE GEAR	1	
4	50.076.10.060.	SOCKET HEAD CAP SCREW-M10X60-12.9	1	
5	03.008.05.0.00	INTERMEDIATE GEAR SUPPORT	1	
6	03.008.06.0.00	SPLIT BUSH FOR SUPPORT	1	

TITLE: - KIT GROUP (ECEL - BS-III- HA694TCI)
- 06.3502

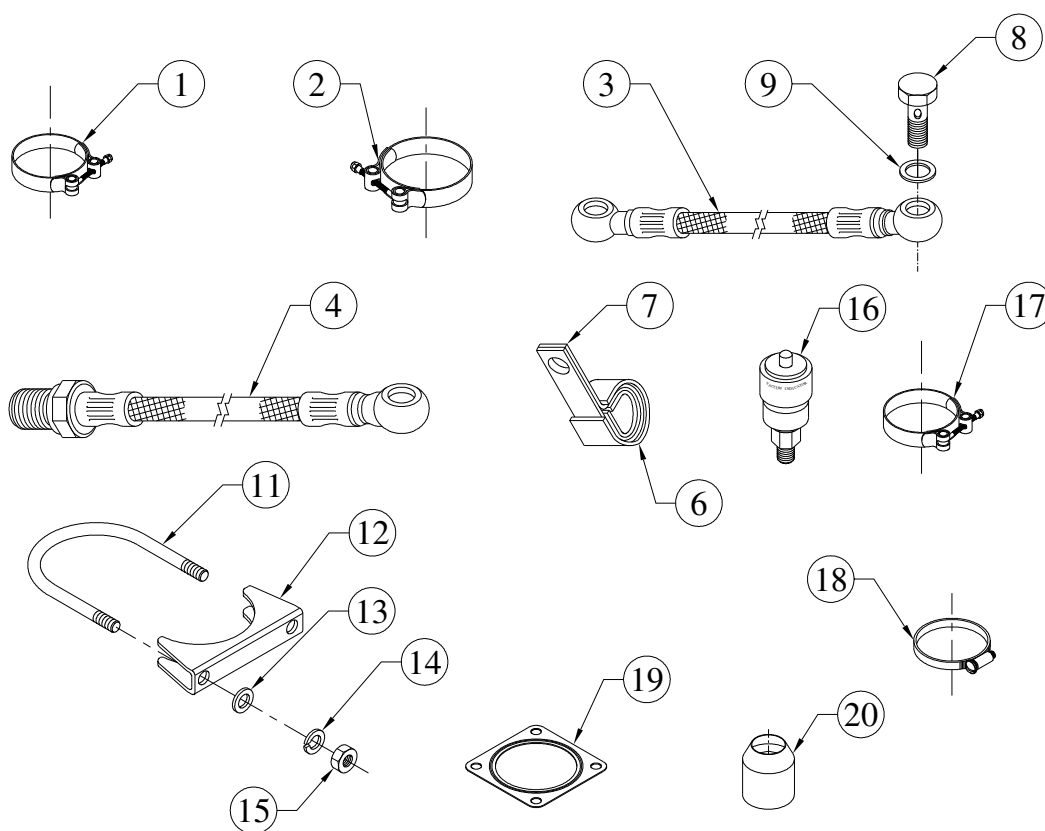
GROUP: - 06.484.1



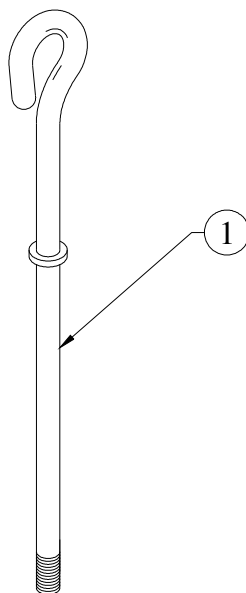
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.376.03.0.00	T BOLT CLAMP KLIPCO TB72/JUPITOR (79 TO 87 DIA)	3	
2	06.376.04.0.00	T BOLT CLAMP KLIPCO TB108 / JUPITOR (108 TO 116 DIA)	1	
3	38.156.02.0.00	FUEL PIPE (9.0,14X14B,520 WB)	1	
4	06.379.03.0.00	LEAK OFF PIPE M14XM12,1700L	1	
*5	42.107.10.0.00	ASSEMBLY OF CLAMP	6	CONSISTING OF SR. NO. 6,7
6	42.107.02.0.00	CLAMP FOR SUMP DRAIN PIPE	1	
7	42.107.03.0.00	PVC TUBE (55MM)	1	
8	50.504.04.000.	BANJO BOLT - M14X1.5	2	
9	50.508.12.000.	COPPER WASHER (14X20)	4	
*10	06.089.20.0.00	ASSEMBLY OF U CLAMP (S/F SILENCER)	2	CONSISTING OF SR. NO. 11 TO 15
11	06.089.02.0.00	U CLAMP	1	
12	06.089.03.0.00	CLAMPING PLATE	1	
13	50.506.10.000.	PLAIN MACHINED WASHER - M10	2	
14	50.505.10.000.	SPRING WASHER - M10	2	

TITLE: - KIT GROUP (ECEL - BS-III- HA694TCI)
- 06.3502

GROUP: - 06.484.1



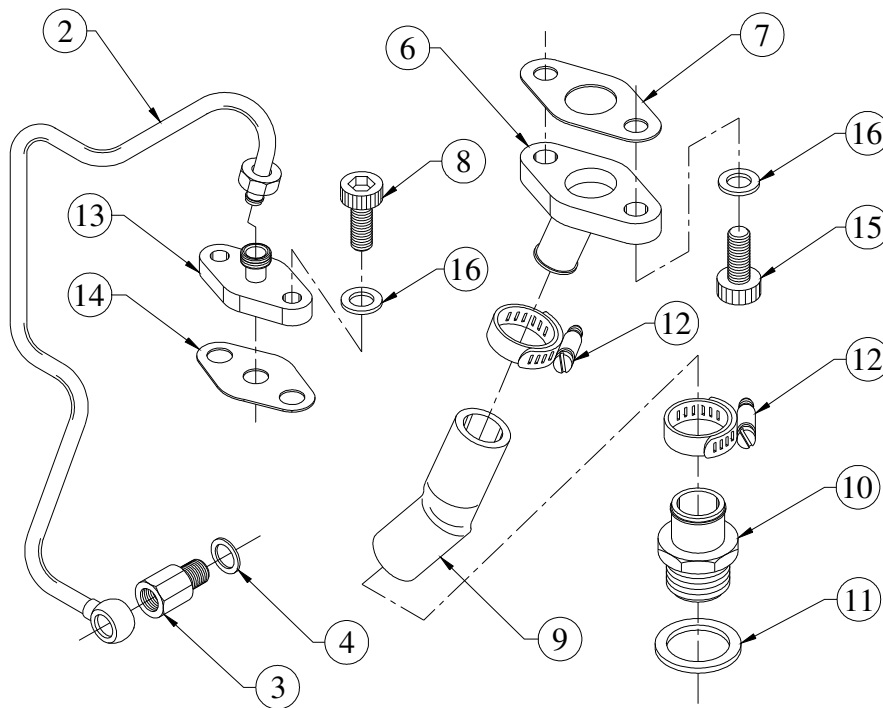
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
15	50.006.10.000.	NUT - M10X1.5 - GR.8	2	
16	04.588.05.0.00	RESTRICTION INDICATOR	1	
17	KV0.505.14.0.00	HOSE T BOLT CLAMP FOR OD 137MM JUPITOR JT6 A20 137DN OR EQUIVALENT	2	
18	48.305.06.0.00	JUPITER WORM DRIVE CLAMP, TYPE 603, 65mm DIA (S/F 65mm HOSE O.D.)	2	
19	06.468.04.0.00	JOINT FOR EXHAUST (SQUARE 100X100)	1	
20	06.309.02.0.00	RAIN CAP ASSLY	1	

TITLE :- LIFTING HOOK
GROUP :- 03.076


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	03.076.02.0.00	LIFTING HOOK	2	

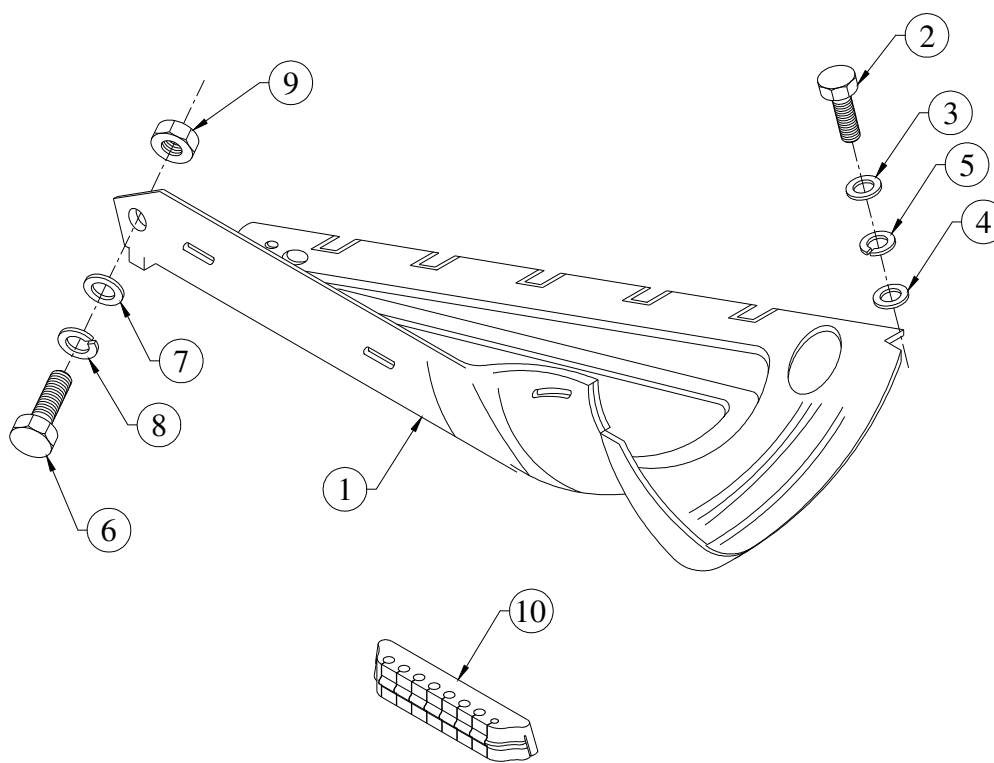
TITLE: - LO.O CONNECTIONS FOR TURBO
(S/F L.H.D -- S.A)

GROUP: - 06.891.1

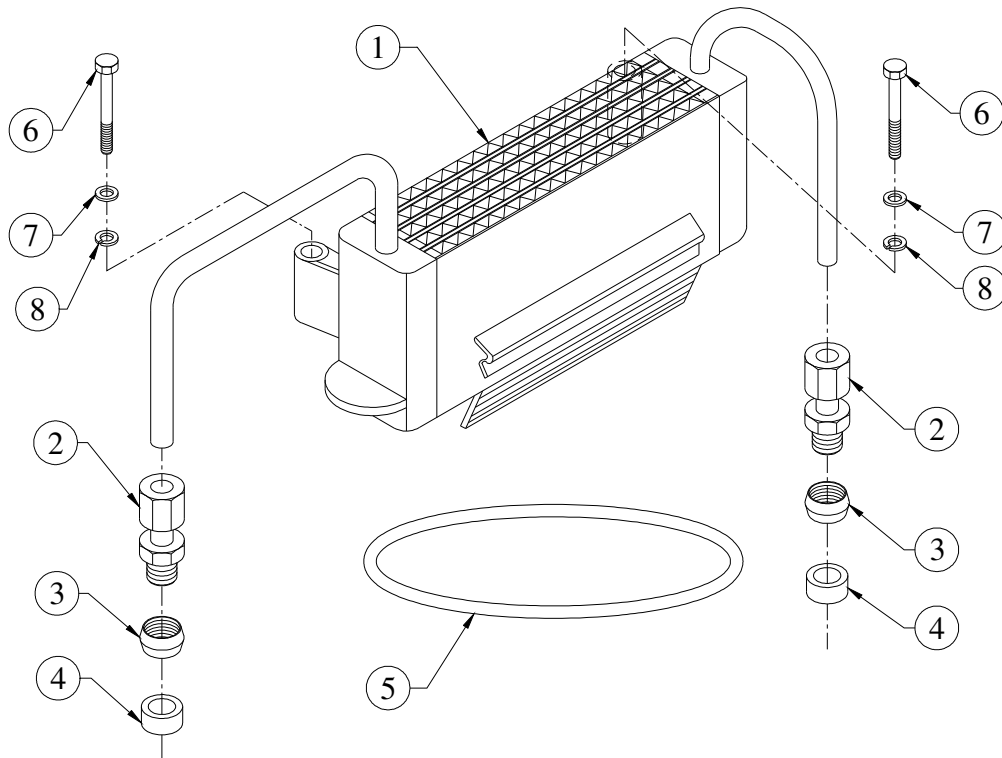


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	06.891.10.0.00	ASSEMBLY OF LUB OIL INLET PIPE (s/f LHD - S.A)	1	CONSISTING OF SR. NO. 2
2	06.891.40.0.PR	ASSEMBLY OF LUB OIL INLET PIPE (s/f LHD - S.A)	1	
3	06.891.06.0.00	ADAPTOR ON CRANKCASE	1	
4	50.508.10.000.	COPPER WASHER (12X18)	1	
*5	06.891.20.0.00	SUB ASSEMBLY OF L.O DRAIN PIPE (s/f LHD - S.A)	1	CONSISTING OF SR. NO. 6
6	06.891.30.0.00	SUB ASSEMBLY OF L.O DRAIN PIPE	1	
7	6H.141.04.0.00	JOINT FOR LUB OIL DRAIN (K27)	1	
8	50.011.08.020.	SOCKET HEAD SCREW - M8X1.25X20 - 8.8	2	
9	06.891.07.0.00	HOSE (L.O TURBO DRAIN) – S/F L.H.D --SA	1	
10	06.891.05.0.00	ADAPTOR ON CRANKCASE	1	
11	50.508.27.000.	COPPER WASHER (24X29)	1	
12	50.519.06.000.	WORM DRIVE HOSE CLIP (30 MM)	2	
13	4H.132.02.0.00	ADAPTOR (TURBOCHARGER SIDE)	1	

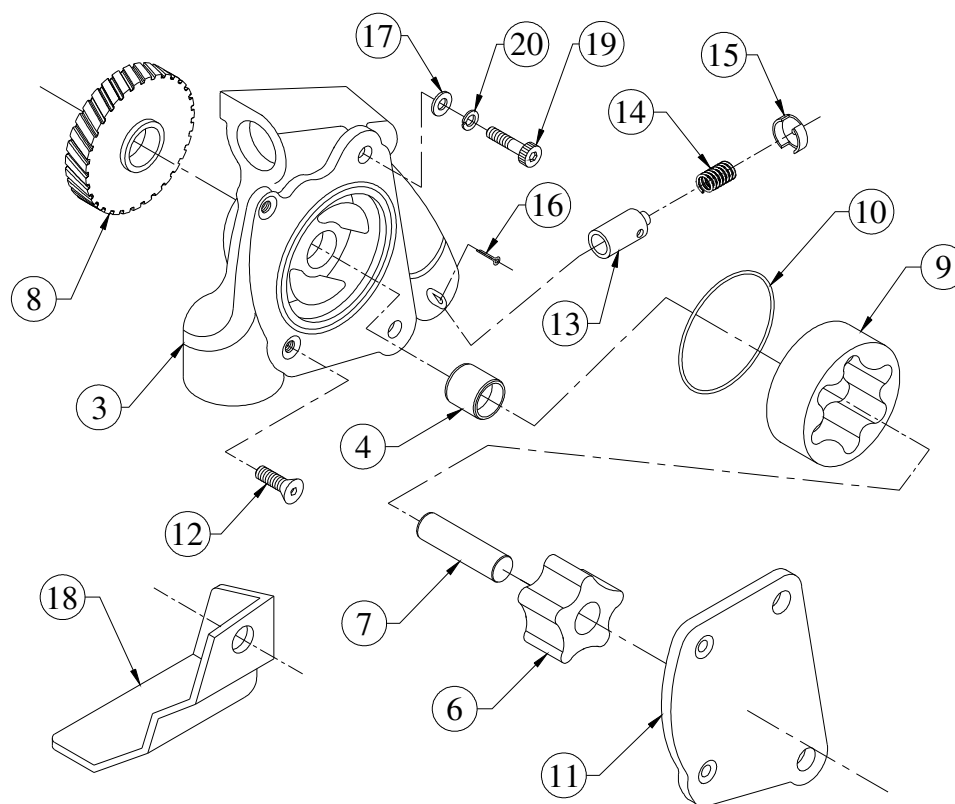
[illegible]

TITLE: - LOWER COWLING
GROUP: - 06.019.3


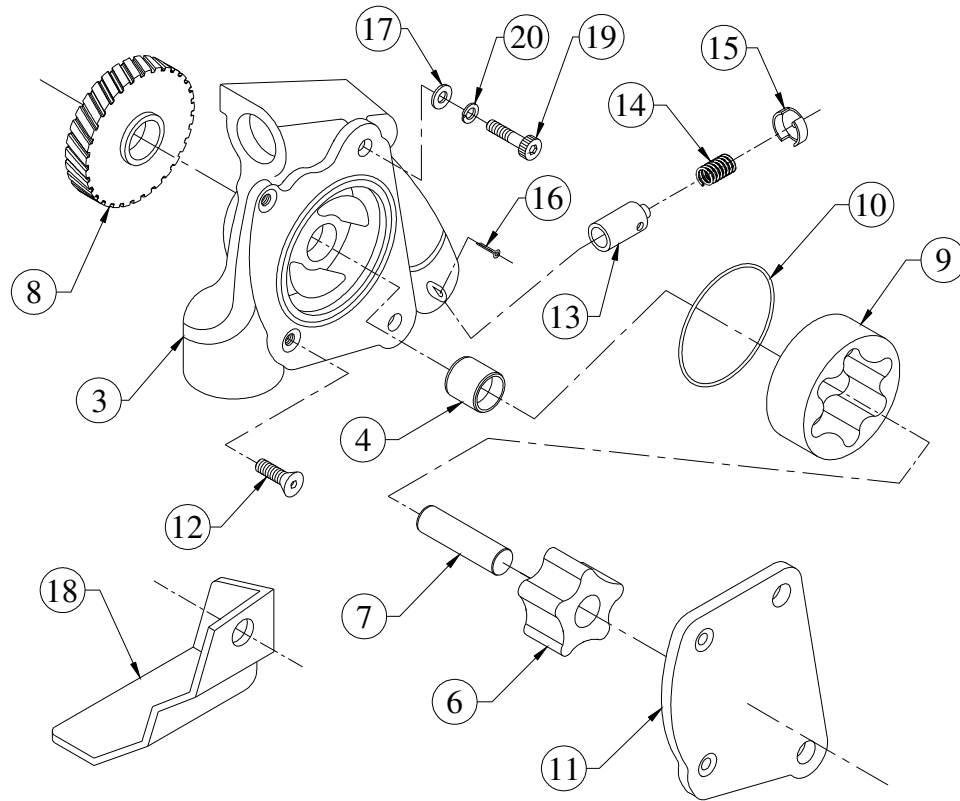
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.019.40.0.00	LOWER COWLING (S/F -MODIFIED COOLER-06.1631)	1	
2	50.003.08.016.	SET SCREW - M8X1.25X16 - 8.8	4	
3	50.548.08.000.	SPL.PLAIN M/CED WASHER	4	
4	50.506.08.000.	PLAIN MACHINED WASHER - M8	4	
5	50.505.08.000.	SPRING WASHER - M8	4	
6	50.003.06.014.	SET SCREW - M6X1X14 - 8.8	1	
7	03.023.02.0.00	SPL. PLAIN WASHER - M6	2	
8	50.505.06.000.	SPRING WASHER - M6	1	
9	50.006.06.000.	NUT - M6X1 - GR.8.8	1	
10	03.019.05.0.00	RUBBER GROMMET	1	

TITLE: - LUB OIL COOLER (SOUTH AFRICA)
GROUP: - 06.020.1


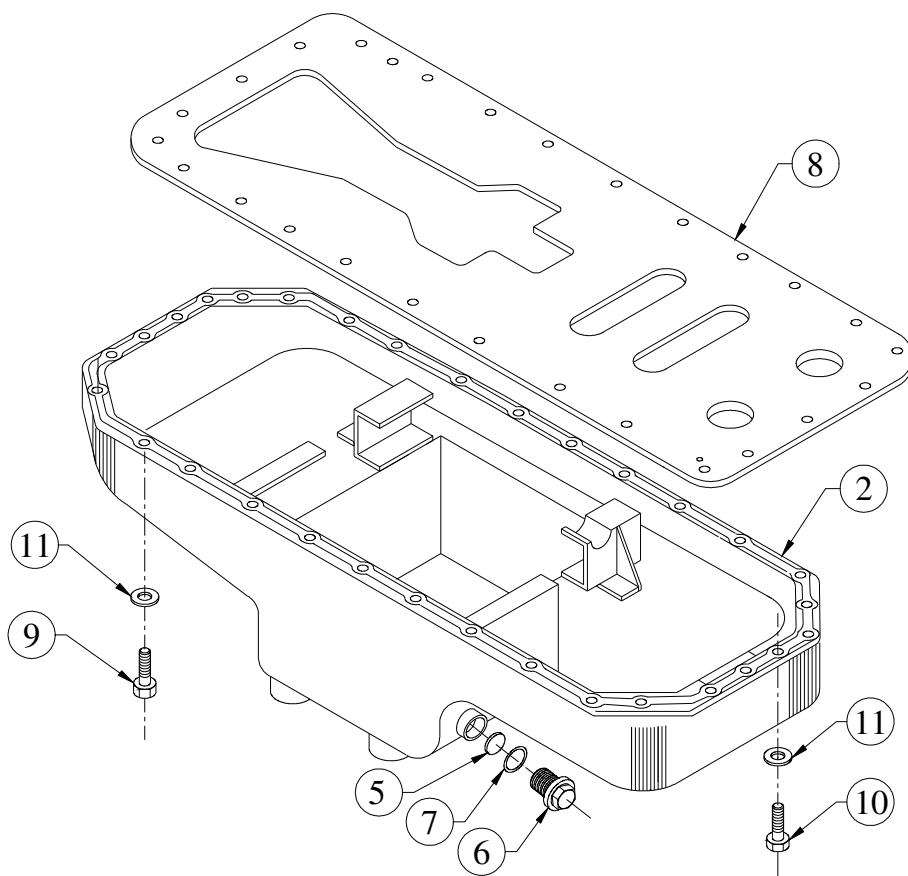
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.020.03.0.00	LUB OIL COOLER (FOR HA-694TC) L.H.D	1	
2	03.020.02.0.00	UNION SCREW	2	
3	03.020.03.0.00	DOUBLE CONE RING	2	
4	03.020.05.0.00	RUBBER BUSH	2	
5	06.020.06.0.00	SEALING RING (SOLID) HA6 BS III	1	
6	50.002.08.075.	SET BOLT - M8X1.25X75 - 8.8	2	
7	50.548.08.000.	SPL.PLAIN M/CED WASHER	2	
8	50.505.08.000.	SPRING WASHER - M8	2	

TITLE :- LUB OIL PUMP
GROUP :- 06.010


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	06.010.60.0.00	LUB OIL PUMP ASSLY.	1	CONSISTING OF SR. NO.- 2, 5, 8 TO 20
*2	06.010.15.0.00	SUB.ASSLY.OF L.O.PUMP BODY & BUSH.	1	CONSISTING OF SR. NO.- 3 & 4
3	06.010.11.0.00	LUBE.OIL PUMP BODY (FINISH)	1	NOT SUPPLIED LOOSE
4	03.010.05.0.00	BUSH FOR L.O.PUMP BODY	1	NOT SUPPLIED LOOSE
*5	06.010.70.0.00	ROTOR SUB.ASSLY.	1	CONSISTING OF SR. NO.- 6 & 7
6	06.010.16.0.00	INNER ROTOR (WITHOUT KEY)	1	NOT SUPPLIED LOOSE
7	06.010.18.0.00	SHAFT FOR INNER ROTOR	1	NOT SUPPLIED LOOSE
8	03.010.19.0.00	DRIVING GEAR (FOR LUB.OIL PUMP)	1	
9	06.010.17.0.00	OUTER ROTOR	1	NOT SUPPLIED LOOSE

TITLE: - LUB OIL PUMP
GROUP: - 06.010


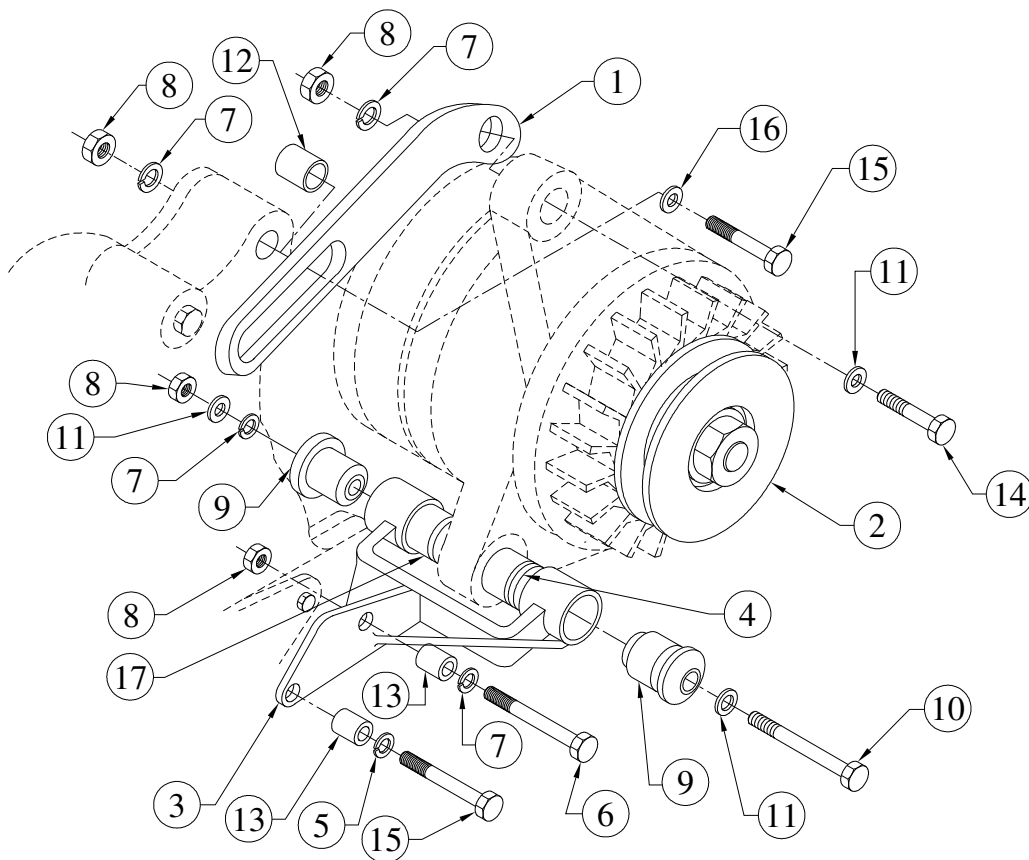
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
10	03.010.11.0.00	O RING - L.O.PUMP (1.57X65,21508)	1	
11	03.010.12.0.00	COVER PLATE HA3	1	NOT SUPPLIED LOOSE
12	06.010.01.0.00	COUNTER SUNK SOCKET HEAD SCREW.	2	
13	03.010.13.0.00	RELIEF VALVE	1	
14	03.010.14.0.00	SPRING FOR RELIEF VALVE	1	
15	03.010.15.0.00	CUP FOR SPRING	1	
16	50.036.07.010.	SPLIT COTTER PIN - 1/8"X1-1/2"	1	
17	06.010.07.0.00	WASHER	2	
18	03.010.02.0.00	SCREEN PLATE	2	
19	50.011.08.060	SOCKET HEAD CAP BOLT M8X60 LONG	4	
20	50.505.08.000	SPRING WASHER - M8	4	

TITLE :- HAG. LUB OIL SUMP-FABRICATED
GROUP :- 06.677


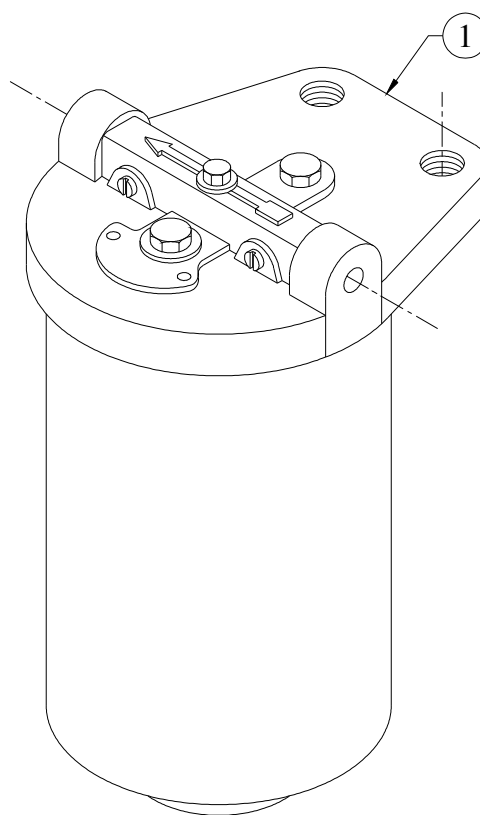
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	06.677.10.0.00	ASSEMBLY OF LUB OIL SUMP AND PLUG	1	CONSISTING OF SR. NO.- 2 & 3
2	06.074.01.0.00	LUB OIL SUMP	1	
*3	2H.035.20.0.00	PLUG WITH MAGNET & 'O'RING.	2	CONSISTING OF SR. NO.- 4 & 7
*4	2H.035.10.0.00	DRIAN PLUG ASSEMBLY.	1	CONSISTING OF SR. NO.- 5 & 6
5	34.051.01.0.00	MAGNET	1	
6	2H.035.01.0.00	PLUG.	1	
7	F6.024.47.0.00	O'RING	1	
8	06.074.14.0.00	SPACER PLATE (KHD NO 0416 1492)	1	
9	50.003.08.030.	SET SCREW - M8X1.25X30 - 8.8	26	
10	50.003.08.035.	SET SCREW - M8X1.25X35 - 8.8	1	
11	10.020.03.0.00	HARD WASHER (F)	27	

**TITLE: - MICO ALTERNATOR
MOUNTINGS, 12V, 55 AMPS**

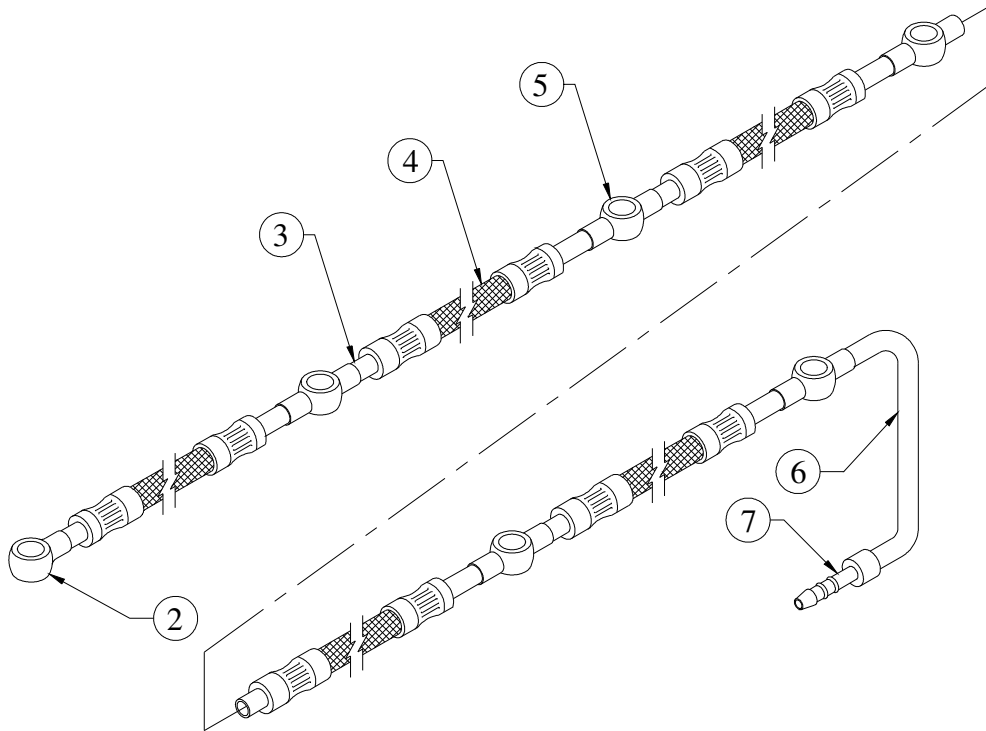
GROUP: - 06.507



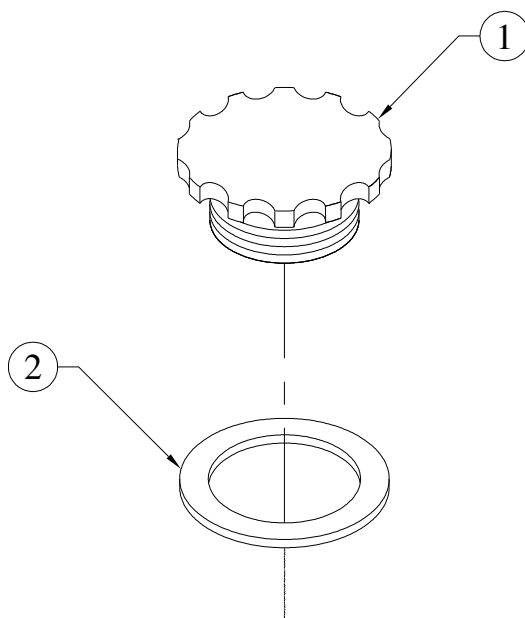
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	03.149.03.0.00	TENSION ADJ LEVER	1	
2	03.149.01.0.00	ALTERNATOR PULLEY F (81 PCD)	1	
3	03.128.02.0.00	BRACKET FOR ALTERNATOR (24V)	1	
4	60.021.14.0.00	SPACER FOR DYNAMO	1	
5	50.505.08.000	SPRING WASHER - M8	2	
6	50.002.10.130	SET BOLT - M10X1.5X130 - 8.8	1	
7	50.505.10.000	SPRING WASHER - M10	3	
8	50.006.10.000	NUT - M10X1.5 - GR.8.8	3	
9	03.128.03.0.00	DAMPING BUSH	2	
10	50.002.10.150	SET BOLT - M10X1.5X150 - 8.8	1	
11	50.506.10.000	PLAIN MACHINED WASHER - M10	2	
12	04.028.02.0.00	SPACER (11X20X13.8L)	1	
13	03.088.03.0.00	SPACER (11 X 20 X 9 L)	2	
14	50.002.10.040	SET BOLT - M10X1.5X40 - 8.8	1	
15	50.002.08.110	SET BOLT - M8X1.25X110 - 8.8	2	
16	50.548.08.000	SPL.PLAIN M/CED WASHER	1	
17	03.128.04.0.00	SPACER (11 X 20 X 31 L)	1	

TITLE:- MUD COLLECTOR FILTER (9450030200)
GROUP:- 43.075.20


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	43.075.20.0.00	MUD COLLECTOR FILTER (9450030200)	1	

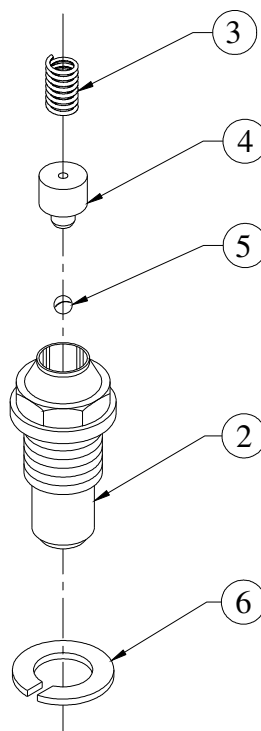
TITLE:- NOZZLE LEAK OFF PIPE (CPCB)
GROUP:- 06.819


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	06.819.20.0.00	NOZZLE LEAK OFF PIPE	1	CONSISTING OF SR. NO. 2 TO 7
2	F6.043.01.0.00	BANJO	1	
3	02.500.14.0.00	PIPE SHORT 4.75 OD X 0.75 THK	10	
4	02.500.15.0.00	HOSE PIPE 4.6 I.D. X 11 O.D. X 80 L	5	
5	02.500.13.0.00	TWO WAY BANJO (FOR M6 BANJO BOLT)	5	
6	02.500.16.0.00	PIPE LONG 4.75 OD X 0.75 THK	1	
7	02.525.02.0.00	HOSE TAIL	1	

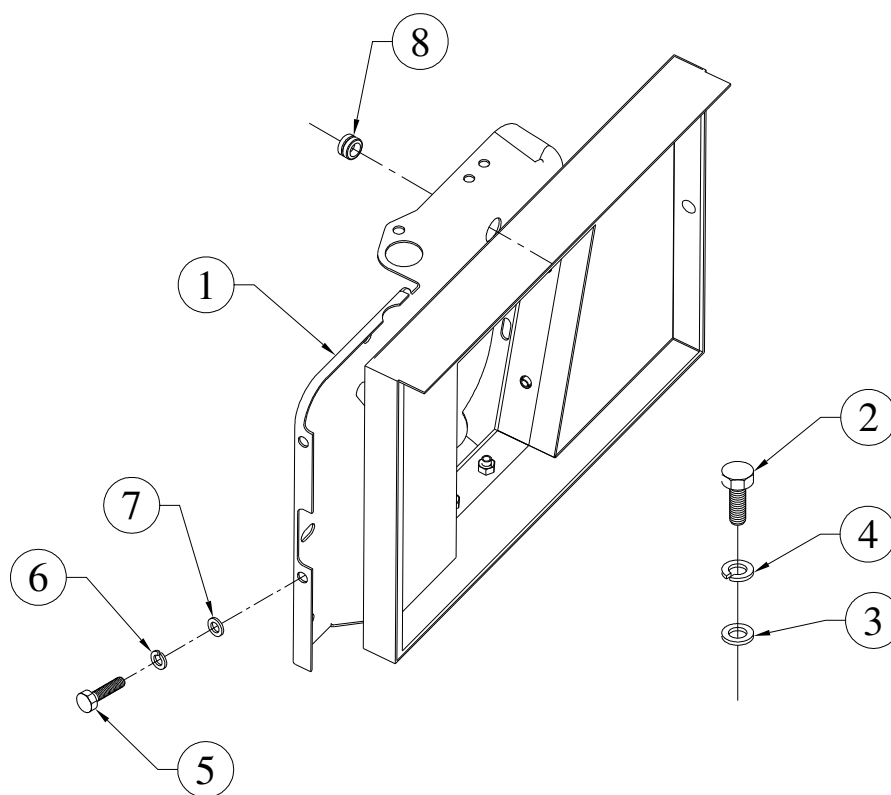
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TITLE:- OIL SEAL HOUSING (FWE) FOR CR MAKE SEAL	GROUP:- 03.007.1

[illegible]

[illegible]

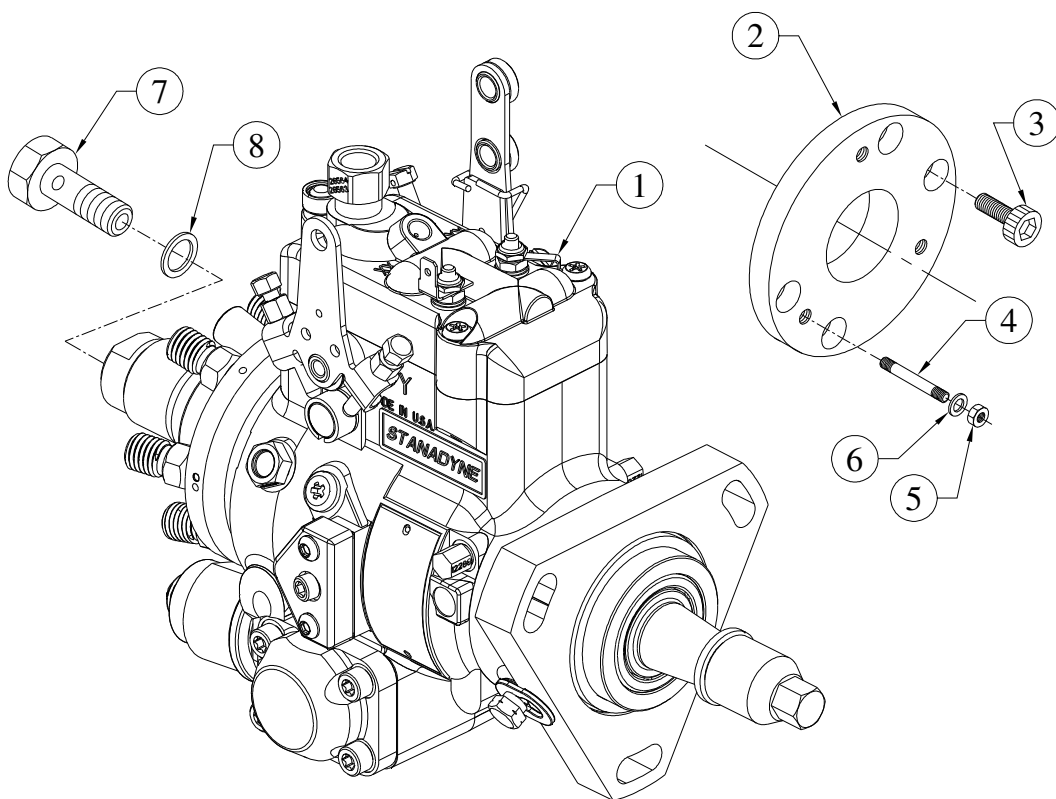
[illegible]

TITLE: - REAR COWLING (S/F INTERCOOLER)
GROUP: - 03.023.1


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.011.30.0.00	ASSEMBLY OF REAR COWLING & DUCTING (HA6 BS-III)	1	
2	50.003.08.016.	SET SCREW - M8X1.25X16 - 8.8	1	
3	50.506.08.000.	PLAIN MACHINED WASHER - M8	1	
4	50.505.08.000.	SPRING WASHER - M8	1	
5	50.003.06.012.	SET SCREW - M6X1X12 - 8.8	3	
6	50.505.06.000.	SPRING WASHER - M6	3	
7	03.023.02.0.00	SPL. PLAIN WASHER - M6	3	
8	02.029.04.0.00	RUBBER GROMMET	1	

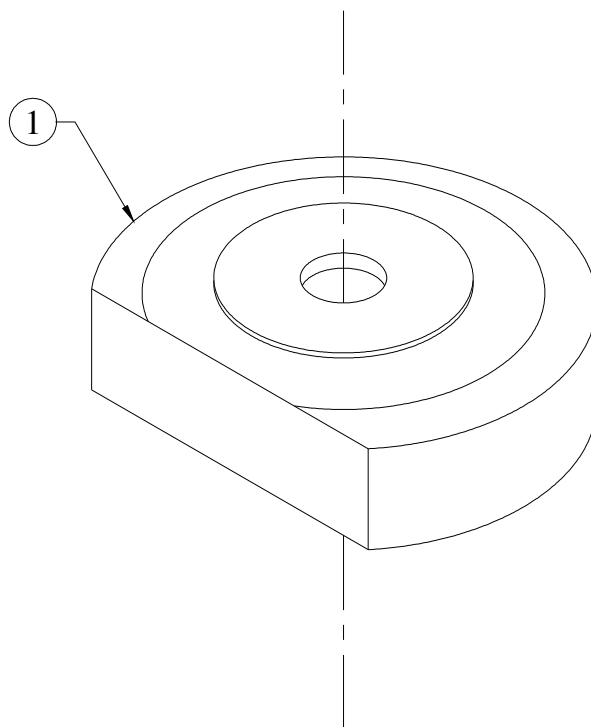
TITLE: - ROTARY FUEL PUMP
(CMVR STAGE III)

GROUP: - 06.526.5

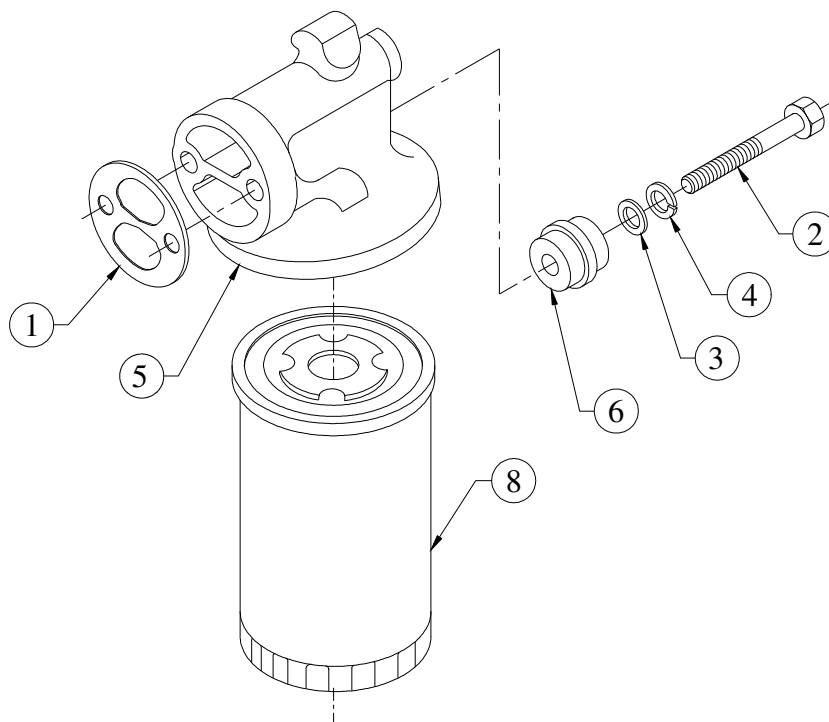


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.526.01.0.00	ROTARY FUEL PUMP FOR HA694TCI CMVR III ENGINE	1	
2	04.725.02.0.00	ADAPTOR FOR ROTARY FUEL PUMP MOUNTING FOR HA ENGINES	1	
3	50.011.10.020.	SOCKET HEAD SCREW - M10X1.5X20 - 8.8	4	
4	50.010.08.025.	STUD - M8X1.25X025 - 8.8	3	
5	02.022.24.0.00	NUT M8 (BRASS)	3	
6	03.716.03.0.00	WASHER(FUEL PUMP GEAR)	3	
7	04.474.05.0.00	BANJO BOLT.	1	
8	50.508.10.000.	COPPER WASHER (12X18)	4	

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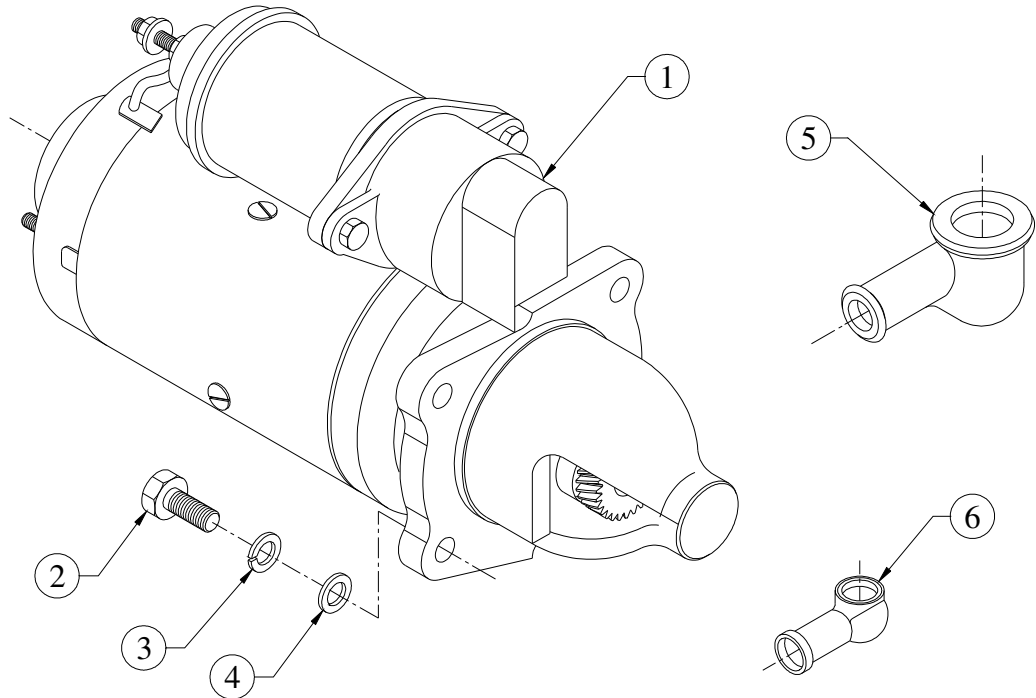
TITLE :- SPACER (BOTTOM) FOR A V MTG.
GROUP :- 04.080


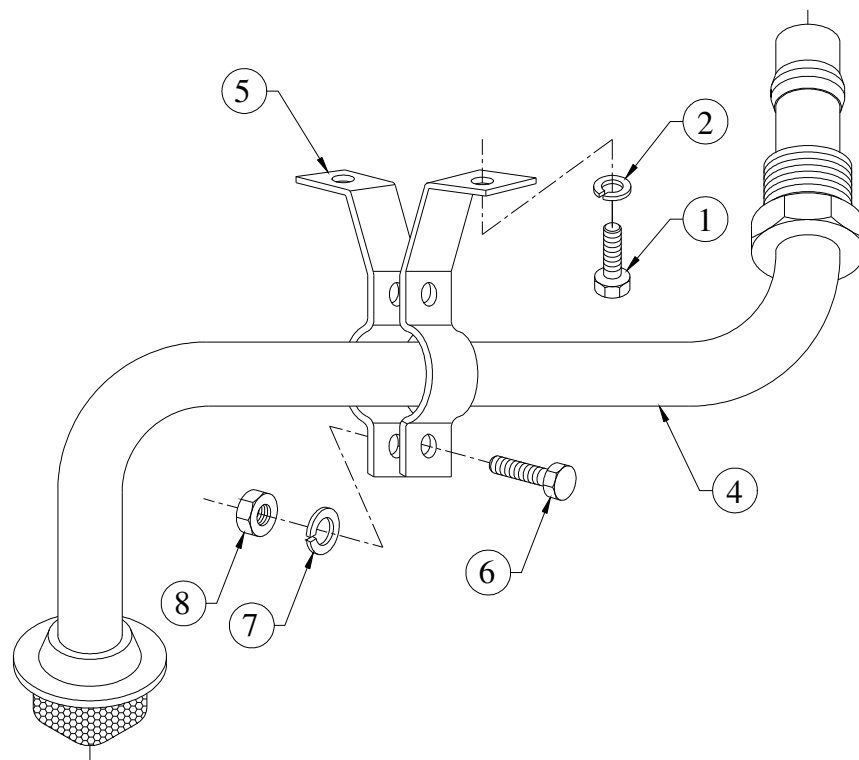
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.080.01.0.00	SPACER (BOTTOM) FOR A V MTG	1	

TITLE :- SPIN ON TYPE LUB OIL FILTER HA 694
GROUP :- 06.532


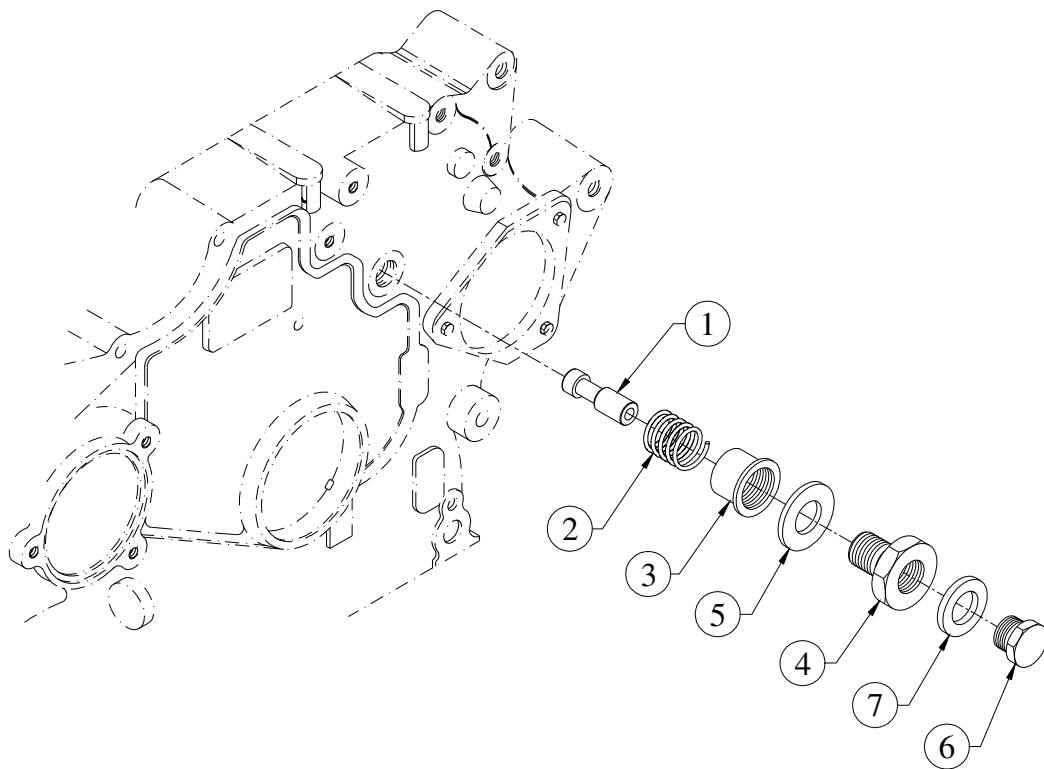
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	03.040.07.0.00	JOINT FOR L.O FILTER (ASBESTOSS FREE)	1	
2	50.002.10.115	SET BOLT - M10X1.5X115 - 8.8	2	
3	50.506.10.000	PLAIN MACHINED WASHER - M10	2	
4	50.505.10.000	SPRING WASHER - M10	2	
5	03.075.10.0.00	ADAPTOR FOR SPIN ON TYPE LOF	1	CONSIST OF SR. NO. 6 & 7
6	03.040.13.0.00	BUSH INSERT	1	
*7	03.075.01.0.00	STEEL INSERT(CENTRAL)	1	NOT ILLUSTRATED
8	06.436.01.0.00	SPIN ON FILTER FOR LUBRICATING OIL	1	

GROUP: - 06.033

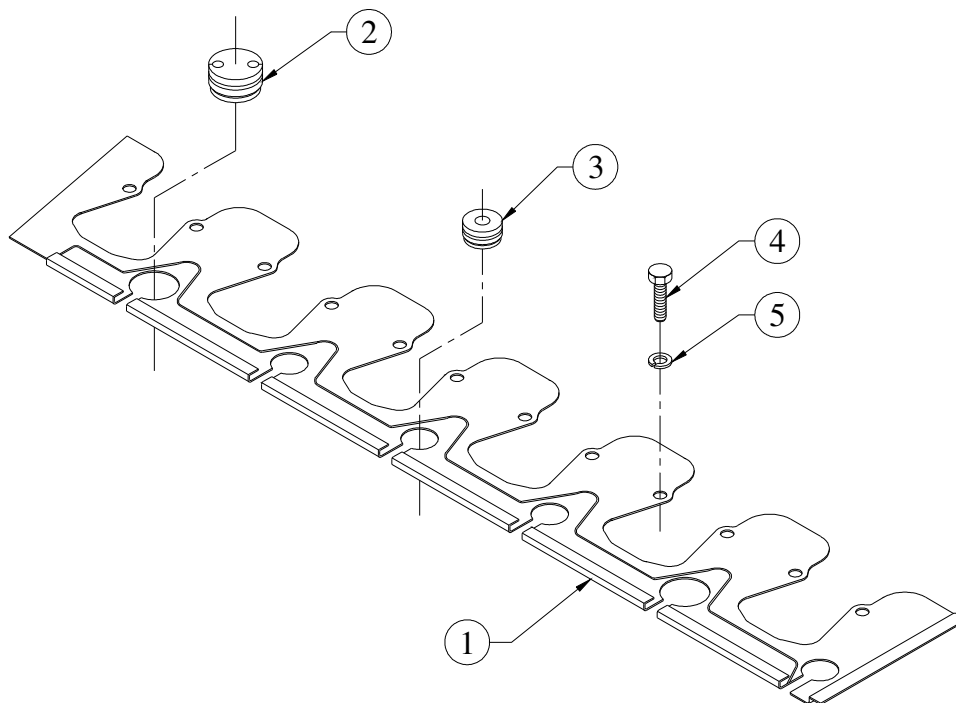
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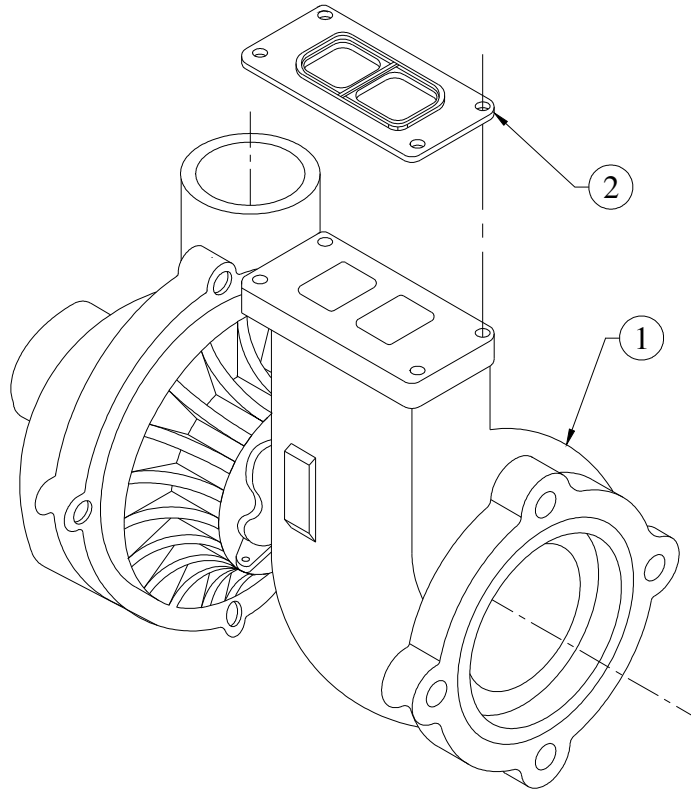
TITLE :- SUCTION TUBE
GROUP :- 06.008


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	50.003.08.016	SET SCREW - M8X1.25X16 - 8.8	2	
2	50.505.08.000	SPRING WASHER - M8	2	
*3	06.008.20.0.00	SUB ASSY OF SUCTION TUBE	1	CONSIST OF SR. NO.- 4 TO 8
4	06.008.10.0.00	SUB ASSLY OF SUCTION TUBE	1	
5	06.008.04.0.00	CLAMPING STRAP	2	
6	50.003.06.012	SET SCREW - M6X1X12 - 8.8	2	
7	50.505.06.000	SPRING WASHER - M6	2	
8	50.006.06.000	NUT - M6X1 - GR.8	2	

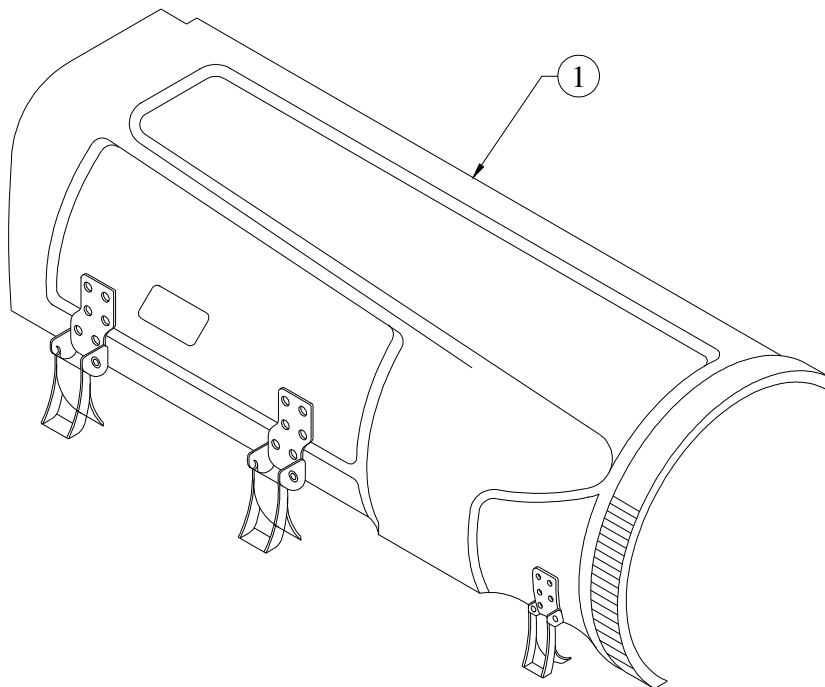
TITLE :- TACHOMETER PLUG
GROUP :- 03.014


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	03.006.03.0.00	BUSH FOR TACHOMETER	1	
2	03.014.06.0.00	SPRING FOR CUP	1	
3	03.014.07.0.00	CUP FOR SPRING	1	
4	03.014.05.0.00	TACHOMETER PLUG	1	
5	50.508.27.000.	COPPER WASHER (24X29)	1	
6	34.001.36.0.00	PRECOATED CORE PLUG (FOR MAIN OIL GALLERY FWE SIDE)	1	
7	50.508.17.000.	COPPER WASHER (18X24)	1	

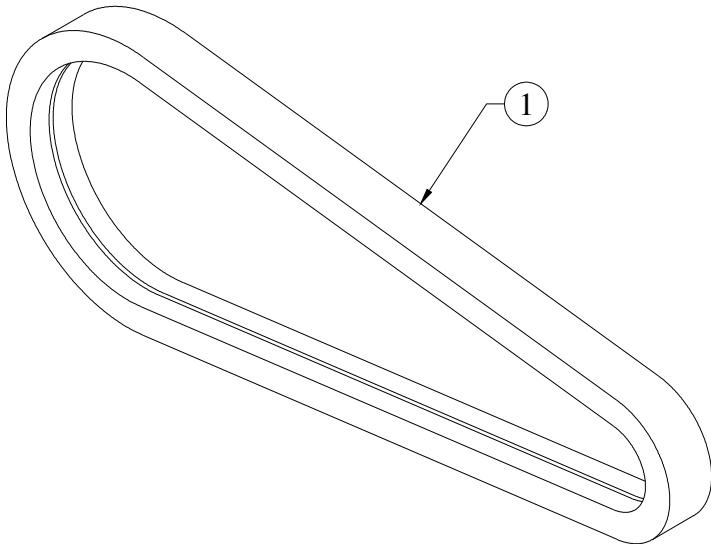
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TITLE :-TURBOCHARGER K27-2964 MXA 12.22
GROUP :-6H.127


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	6H.127.01.0.00	TURBOCHARGER	1	
2	49.120.04.0.00	JOINT FOR TURBO INLET	1	

TITLE: - UPPER COWLING (MODIFIED)
GROUP: - 06.029.1


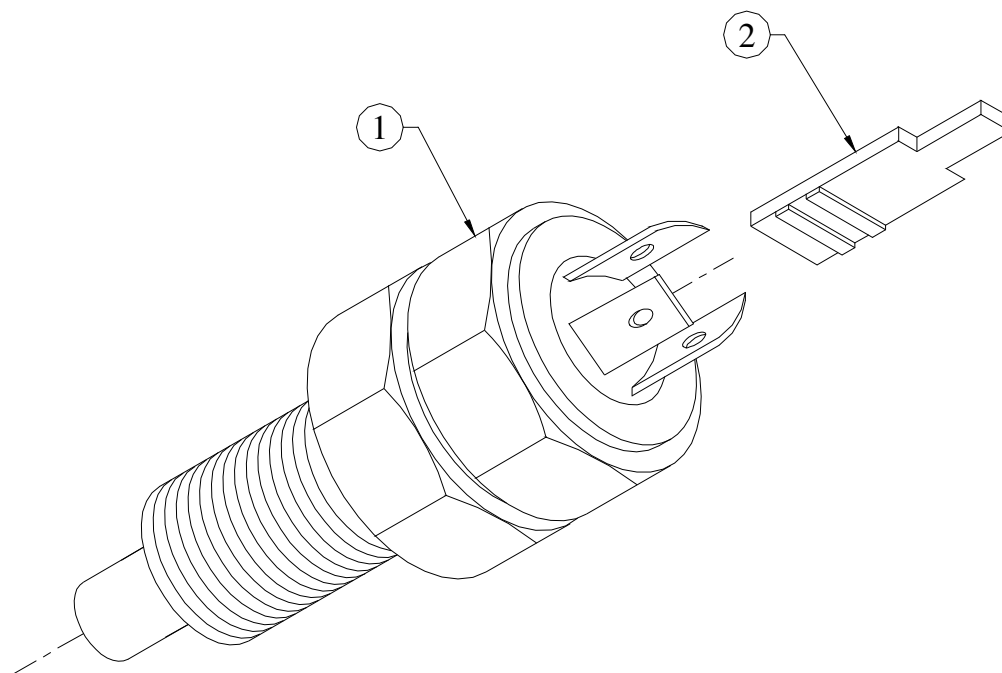
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	06.029.20.0.00	UPPER COWLING (WITHOUT LOCK PLATE)	1	

TITLE: - V BELT A 50 (BANDED WRAPPED)	GROUP: - 06.031
	

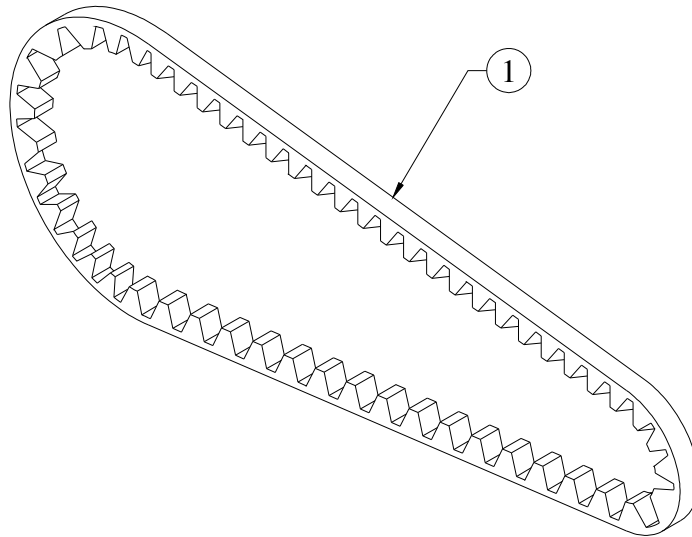
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TITLE :- V BELT FAILURE SWITCH
KHD-224 5023

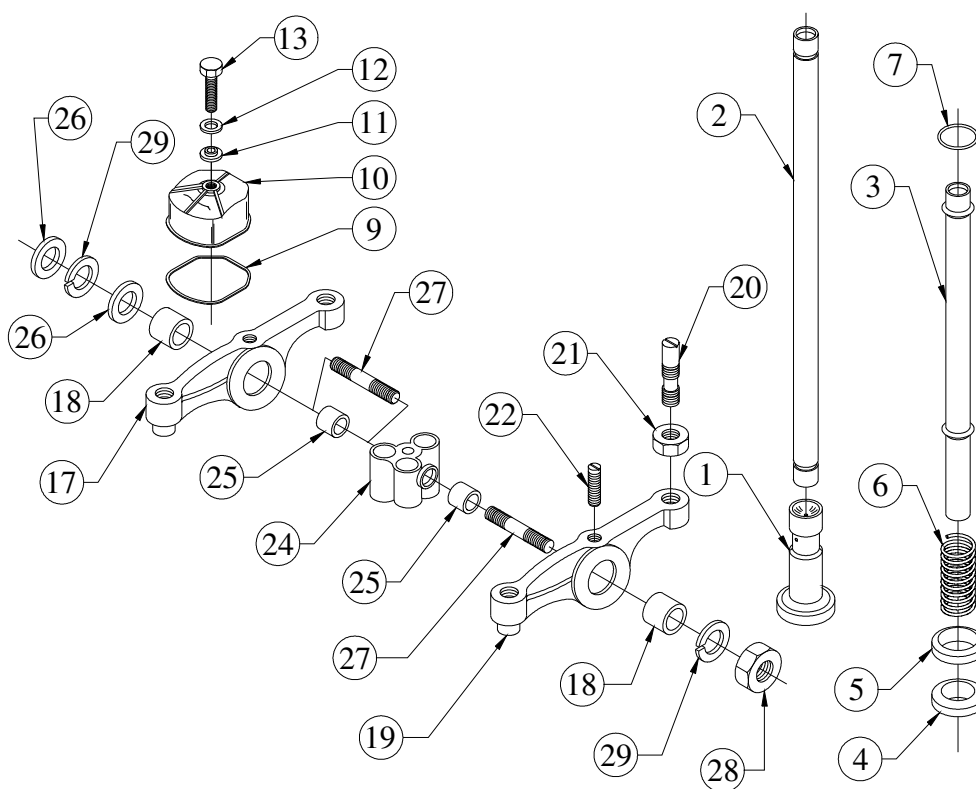
GROUP :- 04.106



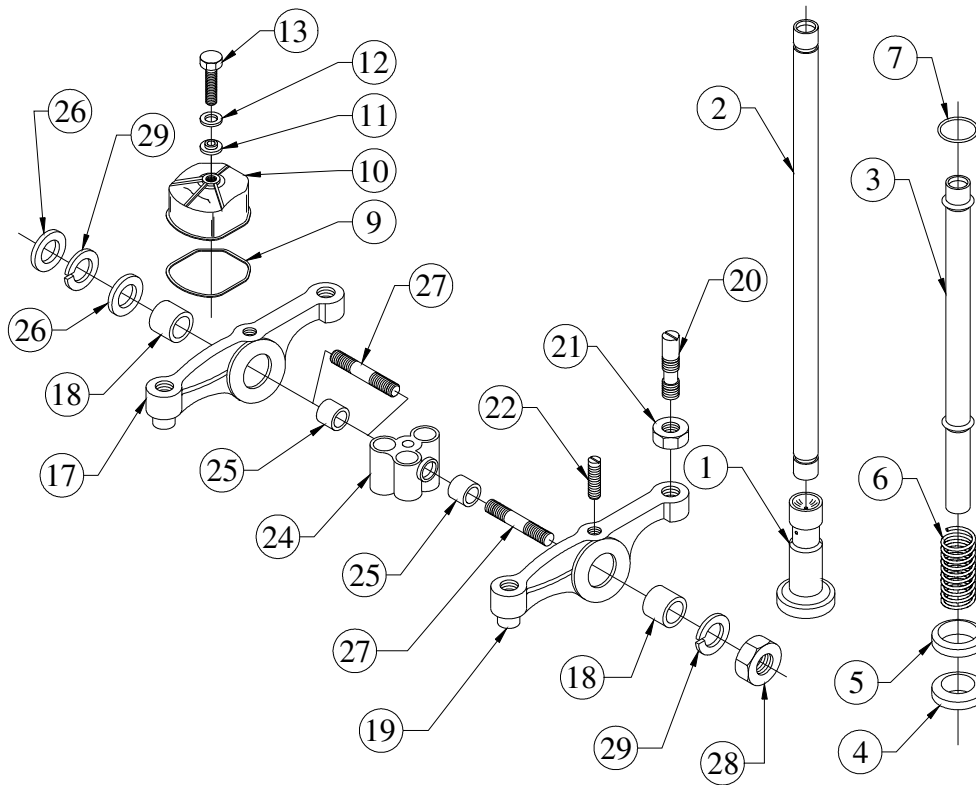
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	04.106.01.0.00	V BELT FAILURE SWITCH KHD-224 5023	1	
2	03.665.05.0.00	SNAP ON TERMINAL DOWEL	3	

TITLE:- V BELT(A-45)
GROUP:- 60.139


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	60.139.01.0.00	V BELT A-45	1	

TITLE: - VALVE MECHANISM
(LOW LOAD APPLICATION)
GROUP: - 06.632


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
1	02.024.01.0.00	VALVE TAPPET	1	
2	02.024.70.0.00	PUSH ROD (WELDED)	2	
3	02.024.33.0.00	PUSH ROD TUBE COVER - HA	2	
4	02.024.02.0.00	SEALING RING BOTTOM	2	
5	02.024.03.0.00	SEALING RING CAP	2	
6	02.024.04.0.00	SPRING	2	
7	02.024.05.0.00	O RING - TOP P.R.TUBE (5.3X17, 21507)	2	
*8	02.024.92.0.00	SUB ASSLY OF ROCKER COVER	1	CONSIST OF SR. NO. 9, 10
9	02.024.41.0.00	ROCKER COVER GASKET (RUBBER MATERIAL)	1	
10	02.024.32.0.00	ROCKER COVER (ALU)	1	
11	04.292.04.0.00	SEALING WASHER	1	
12	50.506.08.000.	PLAIN MACHINED WASHER - M8	1	
13	50.002.08.030.	SET BOLT - M8X1.25X30 - 8.8	1	
*14	02.024.50.0.00	ROCKER PEDASTAL ASSLY.	1	CONSISTING OF SR. NO. 15 & 22

TITLE: - VALVE MECHANISM
(LOW LOAD APPLICATION)
GROUP: - 06.632


SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*15	02.024.20.0.00	VALVE ROCKER ASSLY	2	CONSISTING OF SR. NO. 16 & 18 TO 21
*16	02.024.23.0.00	ROCKER ARM SUB ASSEMBLY (WITH VR BUSH)	1	CONSISTING OF SR. NO. 17, 18 NOT SUPPLIED LOOSE
17	02.024.11.0.00	ROCKER ARM	1	NOT SUPPLIED LOOSE
18	02.024.12.0.00	V.R. BUSH (FINISH)	1	NOT SUPPLIED LOOSE
19	02.024.15.0.00	V.R.TOIE	1	NOT SUPPLIED LOOSE
20	02.024.13.0.00	ROCKER-ARM ADJ. SCREW	1	
21	02.024.27.0.00	NUT FOR ROCKER ADJ.SCREW	1	
22	02.024.14.0.00	OIL METERING SCREW	1	
*23	02.024.30.0.00	V.R.SUPPORT SUB-ASSLY.	1	CONSISTING OF SR. NO. 24 TO 29

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**TITLE: - SET OF JOINTS, COPPER WASHERS
& 'O' RINGS (06.3501)**

GROUP: -

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*1	06.1007.25.0.00	SET OF JOINTS	1	CONSISTING OF SR. NO. 2 TO 18
*2	02.024.41.0.00	ROCKER COVER GASKET (RUBBER MATERIAL)	6	
*3	02.045.08.0.00	JOINT (FOR EXH. INLET)	6	
*4	02.058.07.0.00	JOINT FOR AIR INLET MANIFOLD (ASBESTOSS FREE)	6	
*5	03.013.12.0.00	JOINT FOR FRONT COVER (ASBESTOSS FREE)	1	
*6	03.040.07.0.00	JOINT FOR L.O FILTER (ASBESTOSS FREE)	1	
*7	03.047.07.0.00	JOINT FOR BLANKING PLATE (ASESTOSS FREE)	1	
*8	03.080.15.0.00	JOINT FOR COVER (B.T.UNIT)	1	
*9	04.032.02.0.00	JOINT	1	
*10	06.011.07.0.00	JOINT (BETWEEN AIR INLET MANIFOLD TO CAC PIPE)	1	
*11	06.011.08.0.00	JOINT (FOR CAC PIPE)	2	

TITLE: - SET OF JOINTS, COPPER WASHERS & 'O' RINGS (06.3501)	GROUP: -

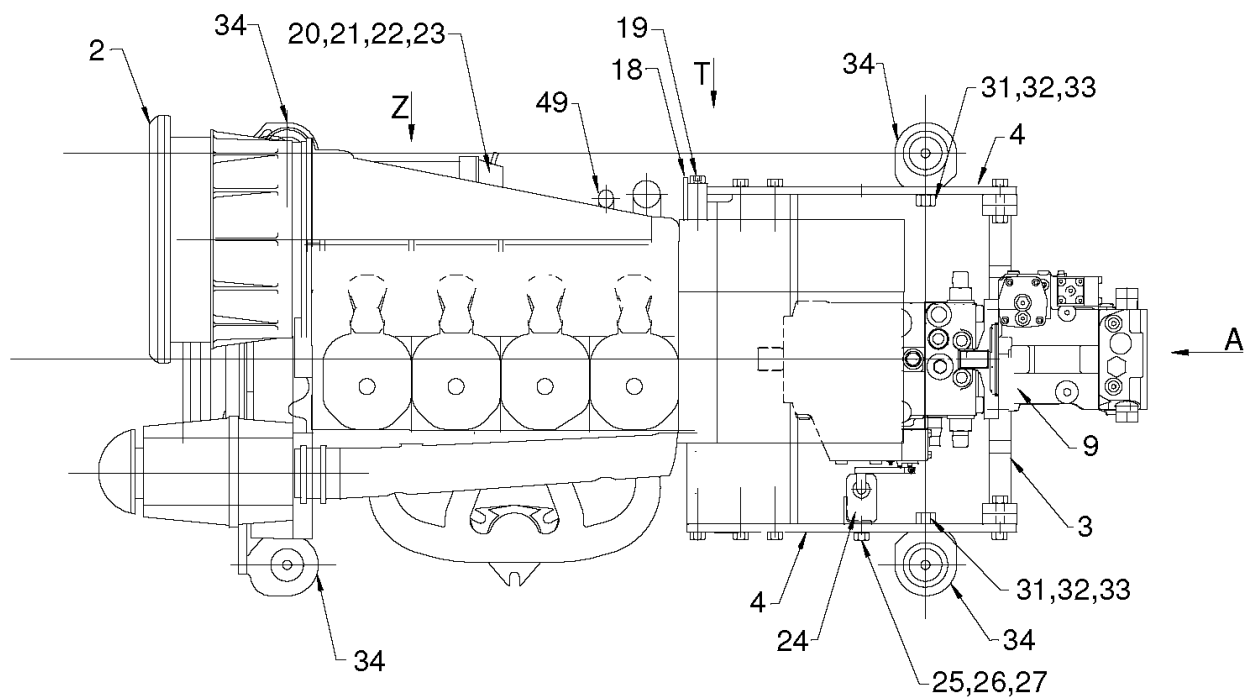
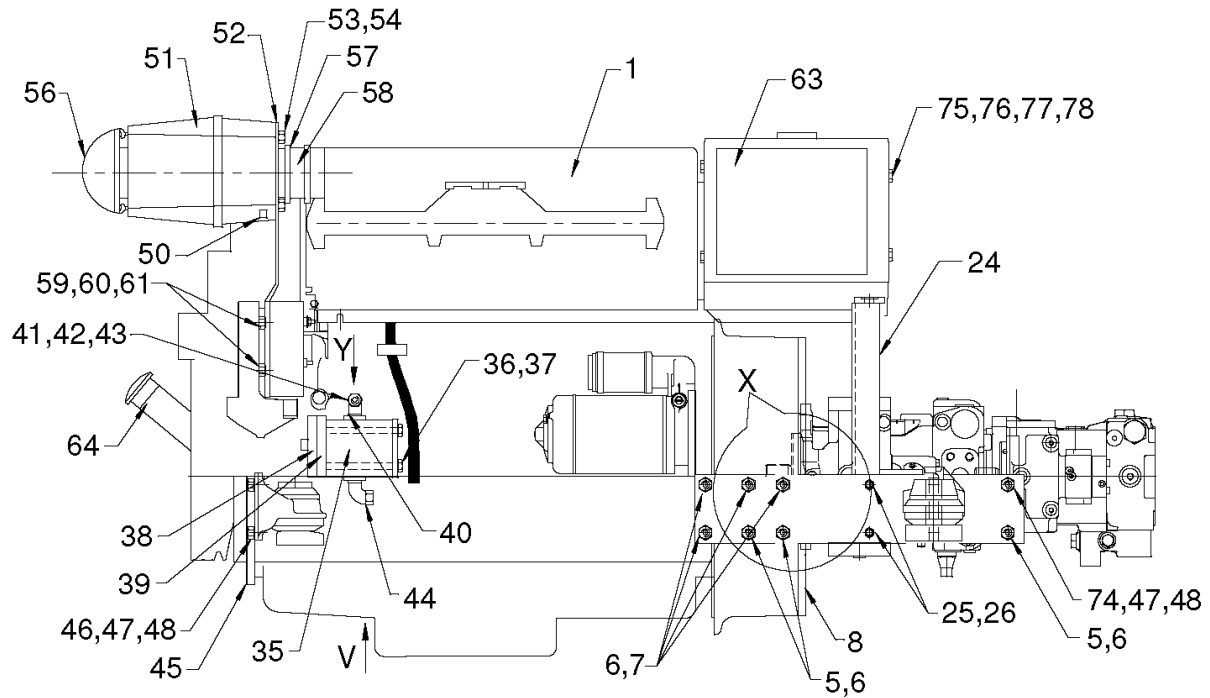
SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*12	06.468.04.0.00	JOINT FOR EXHAUST (SQUARE 100X100)	1	
*13	06.887.07.0.00	JOINT FOR EGR PIPE (HA6 BS III)	1	
*14	08.021.02.0.00	JOINT FOR FEED PUMP	1	
*15	49.120.04.0.00	JOINT FOR TURBO INLET	2	
*16	4H.132.27.0.00	JOINT FOR ADAPTOR (TURBO SIDE)	1	
*17	6H.141.04.0.00	JOINT FOR LUB OIL DRAIN (K27)	1	
*18	F6.364.02.0.00	S.S. JOINT (FOR TURBOCHARGER OUTLET)	1	
*19	06.1007.26.0.00	SET OF WASHERS	1	CONSISTING OF SR. NO. 20 TO 28
*20	02.022.25.0.00	COPPER WASHER	12	
*21	04.292.04.0.00	SEALING WASHER	6	
*22	50.508.10.000.	COPPER WASHER (12X18)	12	
*23	50.508.11.000.	COPPER WASHER (14X18)	2	
*24	50.508.12.000.	COPPER WASHER (14X20)	12	
*25	50.508.17.000.	COPPER WASHER (18X24)	1	

**TITLE: - SET OF JOINTS, COPPER WASHERS
& 'O' RINGS (06.3501)**

GROUP: -

SR.NO.	PART NO.	DESCRIPTION	QTY.	REMARKS
*26	50.508.18.000.	COPPER WASHER (20X24)	2	
*27	50.508.27.000.	COPPER WASHER (24X29)	2	
*28	F6.040.01.0.00	SEALING WASHER (FOR OIL FILLING CAP)	1	
*29	06.1007.27.0.00	SET OF `O' RINGS	1	CONSISTING OF SR. NO. 30 TO 39
*30	02.024.02.0.00	SEALING RING BOTTOM	12	
*31	02.024.05.0.00	O RING - TOP P.R.TUBE (5.3X17,21507)	12	
*32	02.120.05.0.00	SEALING RING	6	
*33	03.010.11.0.00	O RING - L.O.PUMP (1.57X65,21508)	1	
*34	03.012.02.0.00	O RING - DELIVERY TUBE(3X14,21508)	2	
*35	03.013.11.0.00	O RING (3.2 X 78 SILICONE)	2	
*36	03.036.01.0.00	O RING - DIPSTICK (2X5,21515 OR 21511)	1	
*37	06.020.06.0.00	SEALING RING (SOLID) HA6 BS III	1	
*38	06.219.03.0.00	SEALING RING	4	
*39	F6.024.47.0.00	O - RING FOR DRAIN PLUG	4	

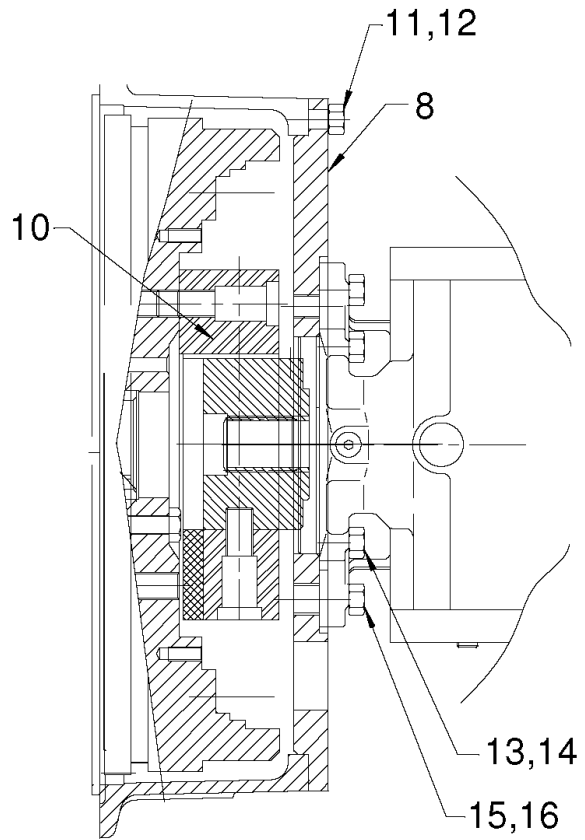
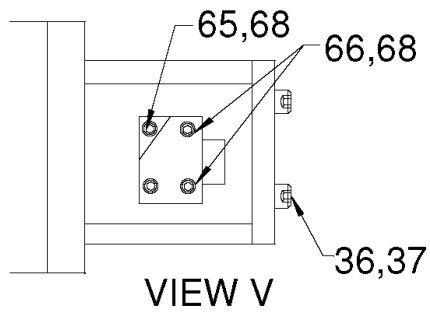
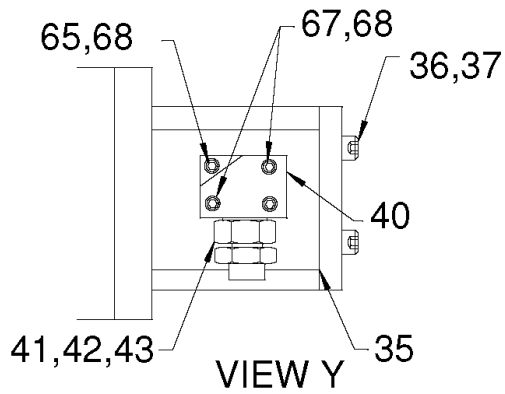
PUMP DRIVE & ENGINE ASSY (STD)



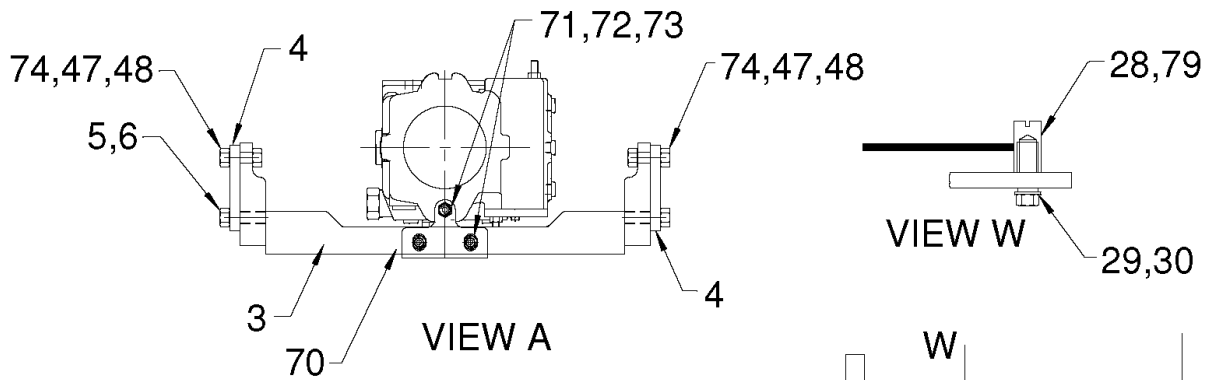
HD-85

		Pump Drive & Engine Assy (STD)		
S No	Part No	Description	Qty	Remarks
1	C7401274	Diesel Engine	1	
2	00 27 67 66	Edge Protection	.9 M	
3	C842442488B0	Cross Member	1	
4	C842442119B0	Plate	2	
5	C8MSH12C3080	Screw Hex.	6	
6	C8MWS1200000	Washer Spring	12	
7	C8MSH12C2100	Screw Hex.	6	
8	C836A3008A00	Flange	1	
9	C846B4006008	Tandom Pump-Travel+Vibration	1	
10	00 33 61 65	Centa Coupling	1	
11	C8MSH10C2060	Screw Hex.	12	
12	C8MWS1000000	Washer Spring	12	
13	C8MSH12C2080	Screw Hex.	4	
14	C836C3038000	Machined Washer	4	
15	C8MSH16C2080	Screw Hex.	4	
16	42-M-3-001	Washer	4	
18	36-F-3-025	Bkt Stop Cable Mtg	1	
19	C8MBA12C0100	Bolt Allen	2	
20	00 54 73 87 A	Support	0	
21	C8MSH06C2043	Screw Hex.-(Fitted On E/G)	2	
22	C8MWS0600003	Washer Spring-(Fitted On E/G)	2	
23	C8MNH06C2003	Nut Hex.-(Fitted On E/G)	2	
24	C836F3015000	Support	1	
25	C8MSH10C2060	Screw Hex.	2	
26	C8MWS1000000	Washer Spring	4	
27	C8MNH10C2000	Nut Hex.	4	
28	C8V192903400	Screw Fitting	1	
29	C8MWP0600003	Washer Plain	1	
30	C8MSH06C2033	Screw Hex.	1	
31	C8MNH12C2000	Nut Hex.	4	
32	C8MSH12C2060	Screw Hex.	4	
33	C8MWS1200000	Washer Spring	4	
34	00 34 16 49	Engine Mounting Foot	4	
35	C83623008100	Gear Pump	1	
36	C8MBA10C0200	Bolt Allen	2	
37	C8MWS1000003	Washer Spring	2	
38	C83623008100	Gear	1	
39	00 26 23 23	Seal	1	
40	C83620666000	Angle Flange Screwing	1	
41	C83620666000	Reducing Fitting	1	
42	00 20 68 65	Cap Nut	1	
43	00 20 69 89	Cutting Ring	1	
44	C836206644A0	Angle Flange Screwing	1	
45	00 77 83 38 A	Cross Member	1	

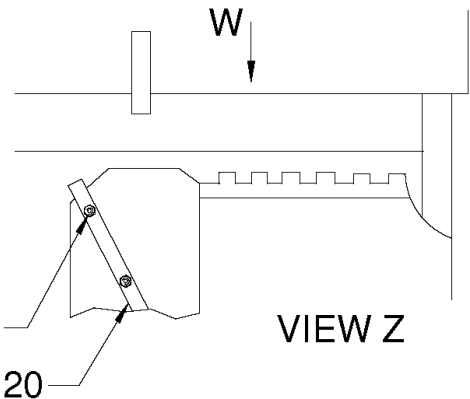
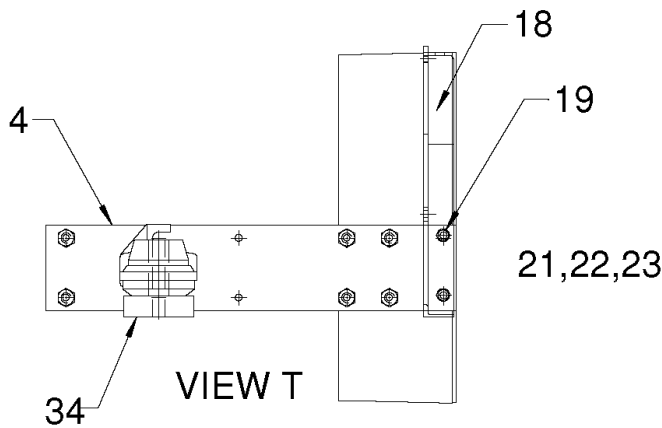
PUMP DRIVE & ENGINE ASSY (STD)



DETAIL X



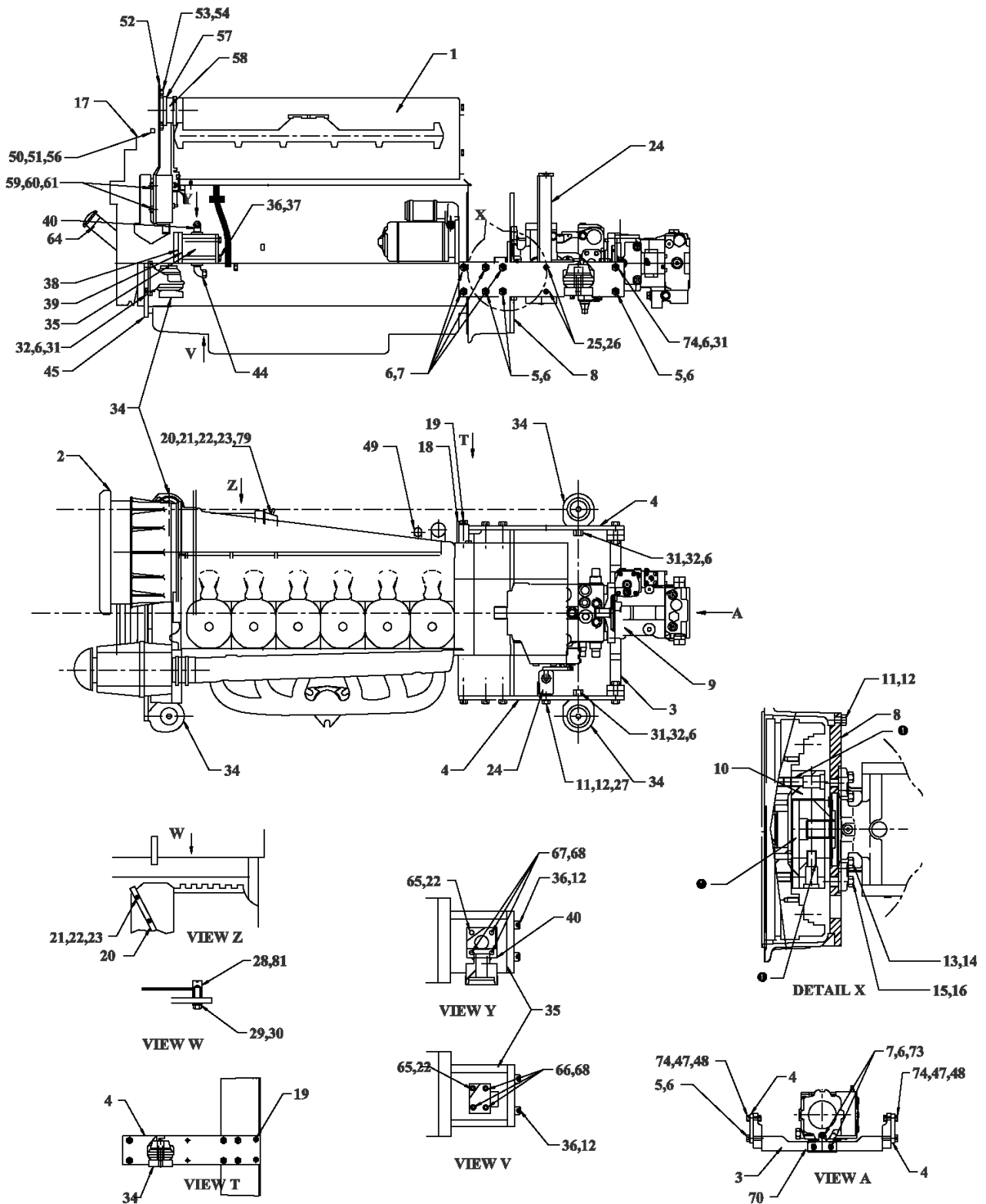
VIEW W



HD-85

		Pump Drive & Engine Assy (STD)		
S No	Part No	Description	Qty	Remarks
46	C8MSH12C2063	Screw Hex.	4	
47	C8MWS1200003	Washer Spring	6	
48	C8MNH12C2003	Nut Hex.	6	
49	00 29 74 61	Engine Oil Pressure Switch	1	
50	C8PP11677008	Pressure Switch	1	
51	C8PP11675008	Air Filter	1	
52	00 45 70 19	Console	1	
53	C8MWS0800003	Washer Spring	4	
54	C8MNH08C2003	Nut Hex.	4	
56	C8PP11676008	Protecting Cap	1	
57	00 23 33 15	Hose Clamp	2	
58	00 69 83 26	Hose	1	
59	C8MSH08C2033	Screw Hex.	1	
60	C8MBH08C2163	Bolt Hex.	2	
61	C8MWP0800003	Washer Plain	3	
63	00 28 95 23	Oil Cooler	1	
64	36-F-3-007	Side Neck	1	
65	C8MSA06C0040	Screw Allen	2	
66	C8MBA06C0070	Bolt Allen	3	
67	C8MBA06C0090	Bolt Allen	3	
68	C8MWS0600003	Washer Spring	8	
70	C836C3036B00	Pump Support Plate	1	
71	C8MSH12C2100	Screw Hex.	3	
72	C8MWS1200000	Washer Spring	3	
73	00 29 38 73	Washer	3	
74	C8MBH12C3090	Bolt Hex.	2	
75	C8MWS06C2020	Screw Hex	4	
76	C8MWS0600003	Washer Spring	4	
77	C8MWP0600003	Washer Plain	8	
78	C836F3022A00	Duct	1	
79	C8V192903500	Spl. Bolt	1	

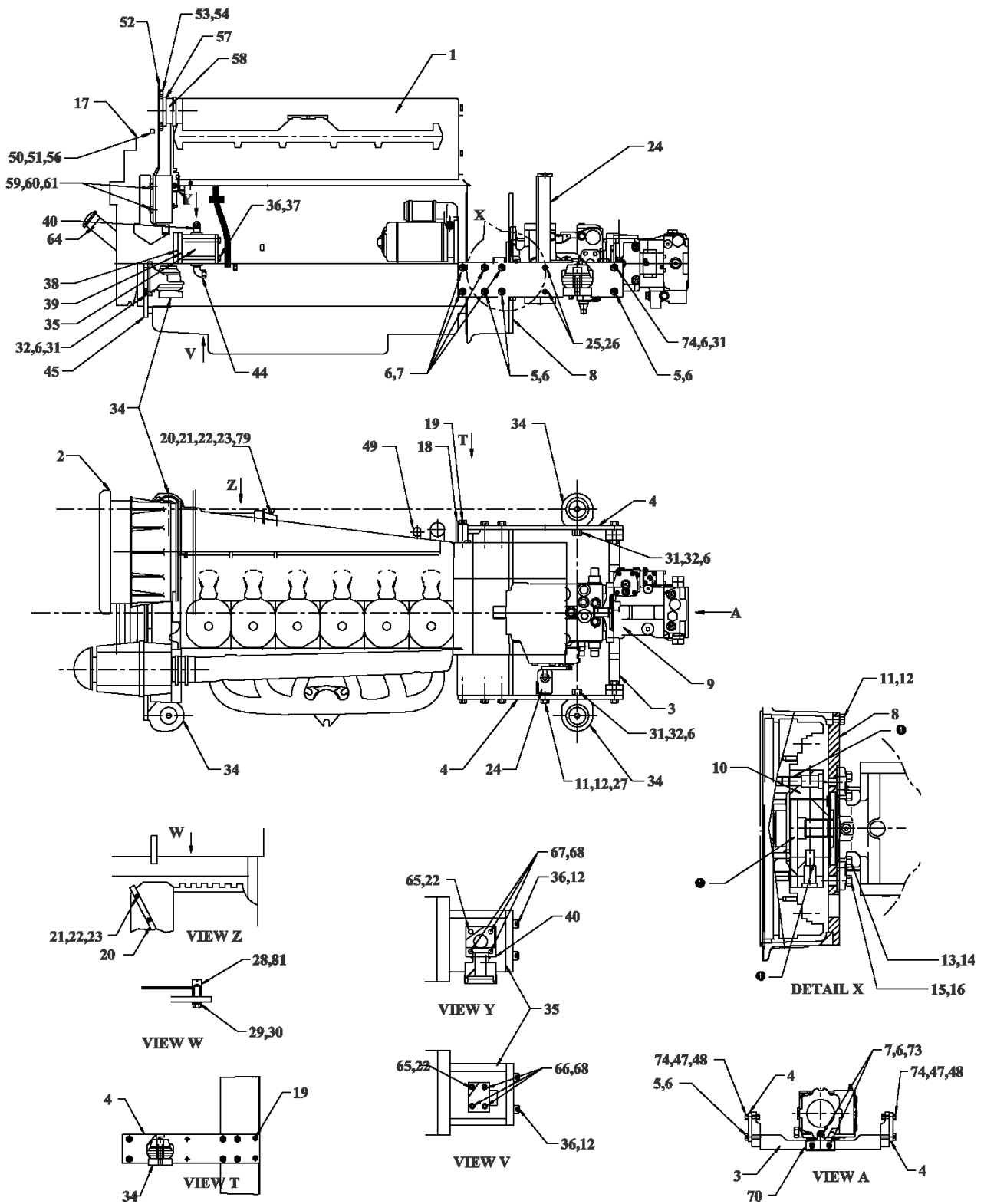
ENGINE & PUMP DRIVE ASSY (DGBR)



HD-85

		Engine & Pump Drive Assy (DGBR)		
S No	Part No	Description	Qty	Remarks
1	C7401867	Engine	1	
2	C84227676600	Edge Protection 'Koel	0.9 M	
3	C842442488B0	Cross Member	1	
4	C7402409	Plate	2	
5	C9100567	Hexagon Head Screw	8	
6	C9100088	Spring Lock Washer	27	
7	C9100275	Hexagon Head Screw	9	
8	C836A3008A00	Flange	1	
9	C846B4006008	Tandom Pump-Travel	1	
10	C846B3020000	Centa Coupling	1	
11	C9100269	Hexagon Head Screw	14	
12	C9100044	Spring Lock Washer	18	
13	C9100273	Hexagon Head Screw	4	
14	C836C3038000	Machined Washer	4	
15	C9100183	Hexagon Head Screw	4	
16	C842M3001000	Washer	4	
17	C7402392	Fan Spacer	1	
19	C9100335	Hex Socket Head Cap Screw	2	
20	C836547387A0	Support	0	
21	C9100486	Hexagon Head Screw	2	
22	C9100150	Spring Lock Washer	10	
23	C9100072	Hexagon Nut	2	
24	C836F3015000	Support	1	
27	C9100076	Hexagon Nut	4	
28	C8V192903400	Screw Fitting	1	
29	C9100073	Punched Washer	1	
30	C9100445	Hexagon Head Screw	1	
31	C9100081	Hexagon Nut	10	
32	C9100091	Hexagon Head Screw	8	
34	C83634164900	Engine Mounting Foot Koel	4	
35	C83623008100	Gear Pump Dowty	1	
36	C9100129	Hex Socket Head Cap Screw	2	
38	C83626231500	Gear Koel	1	
39	C83626232300	Seal Koel	1	
40	C836C4073000	Special Flange Connection	1	
44	C836206644A0	Angle Flange	1	
45	C836778338A0	Cross Member	1	
49	C83629746100	Engine Oil Pressure Switch	1	
50	C8PP11677000	Pressure Switch	1	
51	C8PP11675000	Air Filter	1	
52	C83645701900	Console	1	
53	C9100046	Spring Lock Washer	4	
54	C9100068	Hexagon Nut	4	
56	C8PP11676000	Protecting Cap	1	
57	C83623331500	Hose Clamp	2	

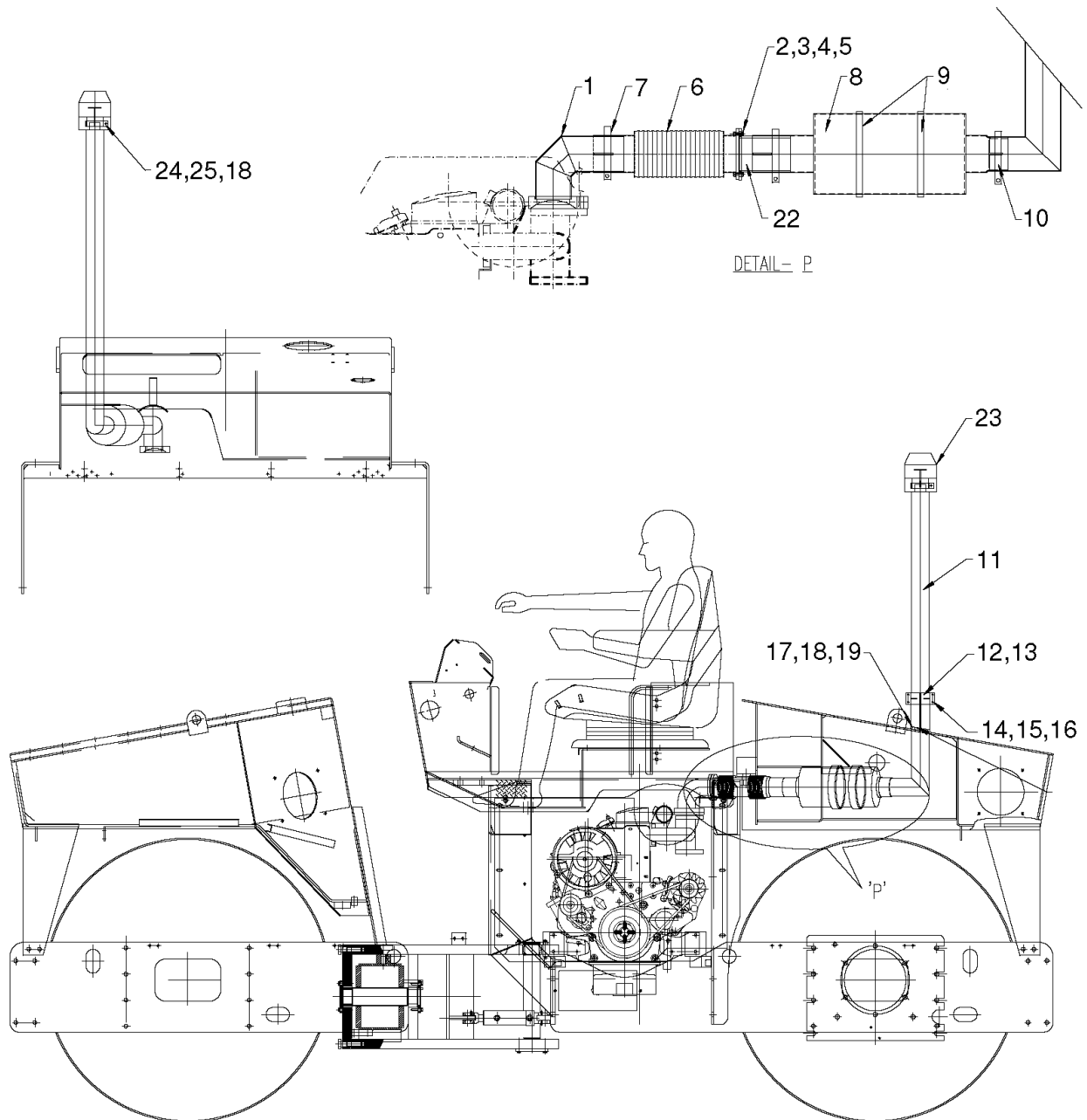
ENGINE & PUMP DRIVE ASSY (DGBR)



HD-85

		Engine & Pump Drive Assy (DGBR)		
S No	Part No	Description	Qty	Remarks
58	C83669832600	HOSE	1	
59	C9101053	HEXAGON HEAD SCREW	1	
60	C9100211	HEXAGON HEAD BOLT	2	
61	C9100062	PUNCHED WASHER	3	
64	C836F3007000	SIDE NECK	1	
65	C9100315	HEX SOCKET HEAD CAP SCREW	2	
66	C9100329	HEX SOCKET HEAD CAP SCREW	3	
67	C9100330	HEX SOCKET HEAD CAP SCREW	3	
70	C836C3036B00	PUMP SUPPORT PLATE	1	
73	C83629387300	WASHER	3	
74	C9100067	HEXAGON HEAD BOLT	2	
81	C8V192903500	SPL. BOLT	1	

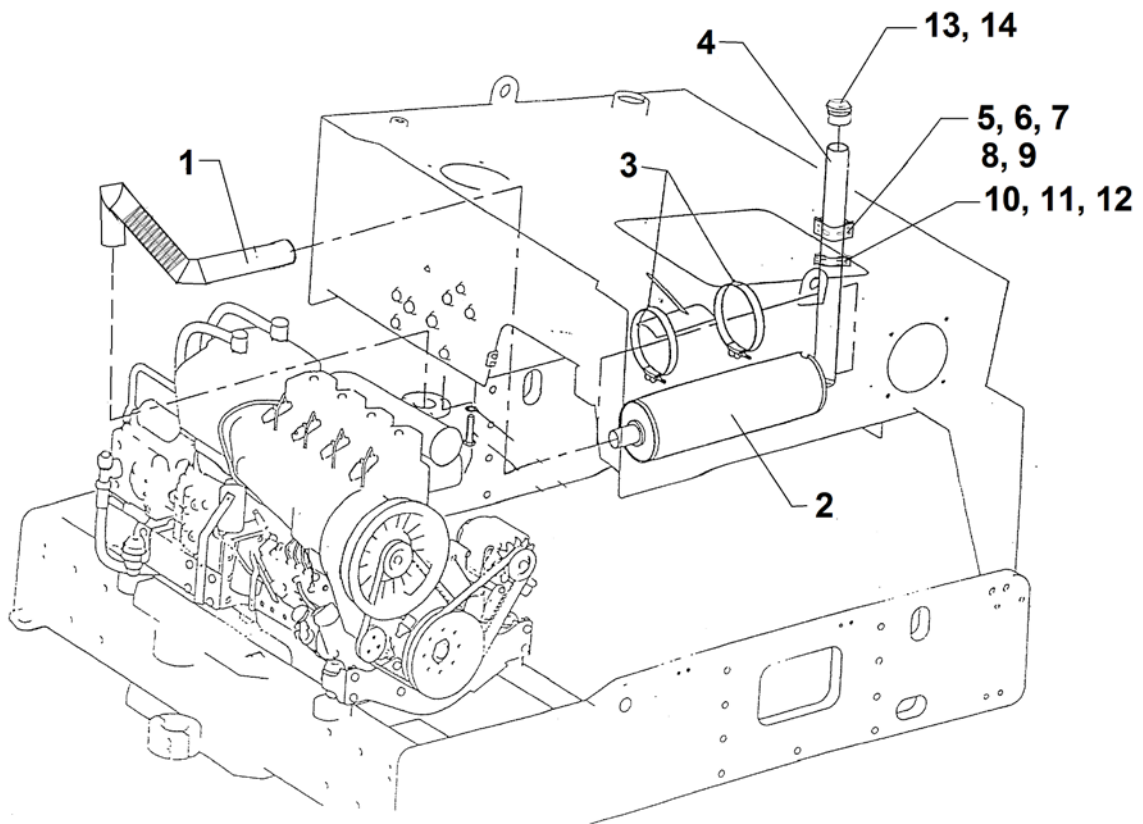
SILENCER ASSY (STD)



HD-85

		Silencer Assy (STD)		
S No	Part No	Description	Qty	Remarks
1	C7401292	Exhaust Manifold	1	
2	C8MBH10C2073	Bolt Hex.	4	
3	C8MNH10C2003	Nut Hex.	4	
4	C8MWS1000003	Washer Spring	4	
5	36-C-3-010	Gasket	1	
6	36-C-3-011	Expansion Bellow	1	
7	36-C-3-013	Clamp For Fitting Silencer	1	
8	36-C-3-012	Exhaust Silencer	1	
9	C836C3019000	Clamp, Silencer	2	
10	36-C-3-014	Clamp, Ø75	1	
11	C836F3002B00	Silencer End Pipe	1	
12	C836F3003A00	Silencer Clamping Bracket	1	
13	C836C3006000	Silencer Clamp, Half	1	
14	C8MSH06C2033	Screw Hex.	4	
15	C8MNH06C2003	Nut Hex.	4	
16	C8MWS0600003	Washer Spring	4	
17	C8MBH08C2063	Bolt Hex.	4	
18	C8MNH08C2003	Nut Hex.	5	
19	C8MWS0800003	Washer Spring	4	
22	36-F-3-006A	Adapter (Expn.Bellow)	1	
23	36-C-3-021	Exhaust Pipe Cap	1	
24	36-C-3-020	Clamp- Exhaust Pipe Cap	1	
25	C8MBH08C2100	Bolt Hex.	1	
26	C8MNH08C2000	Nut Hex.	1	

SILENCER ASSY (DGBR)



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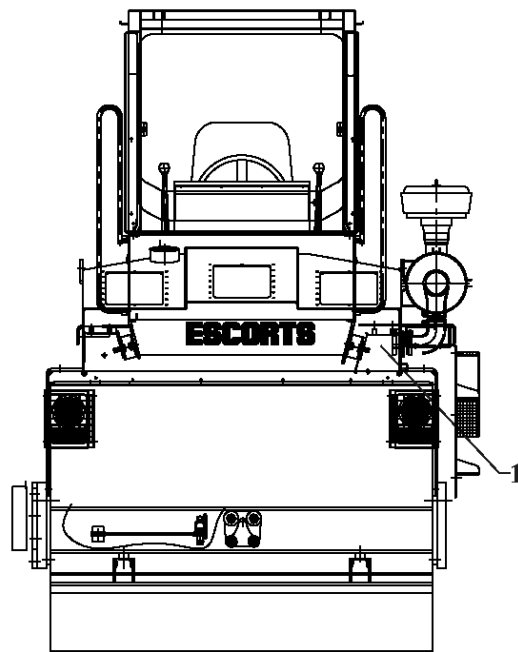
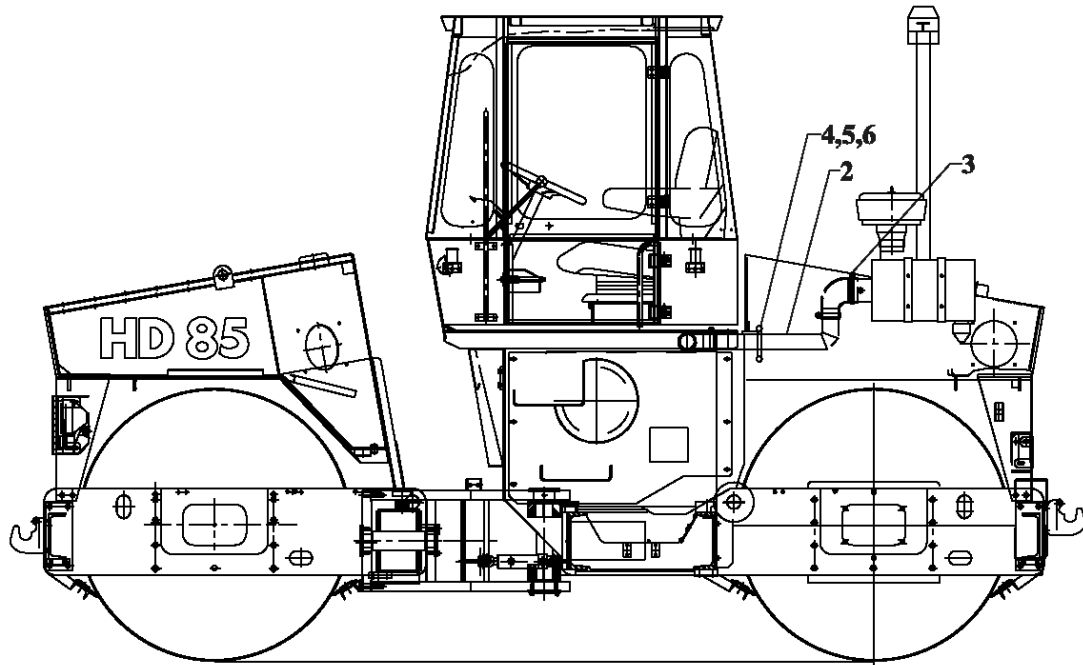
		Silencer Assy (DGBR)		
S No	Part No	Description	Qty	Remarks
1	C7402646	Flexible Exhaust Tube	1	
2	C36C3012000	Exhaust Silencer	1	
3	C836C3019000	Clamp, Silencer	2	
4	C836F3002000	Silencer End Pipe	1	
5	C836F3003000	Silencer Clamping Bracket	1	
6	C836C3006000	Silencer Clamp, Half	1	
7	C9100445	Hexagon Head Screw	4	
8	C9100072	Hexagon Nut	4	
9	C9100150	Spring Lock Washer	4	
10	C9100207	Hexagon Head Bolt	4	
11	C9100068	Hexagon Nut	6	
12	C9100046	Spring Lock Washer	4	
13	C836C3020000	Clamp- Exhaust Pipe Cap	1	
14	C9100110	Hexagon Head Bolt	1	

AIR INLET SYSTEM

HD-85

		Air Inlet System		
S No	Part No	Description	Qty	Remarks
1	C7401246	Mtg Bkt Assy	1	
2	C7401236	Air Cleaner Hose	1	
3	C7401289	Air Hose Mtg Flange	1	
4	C7401238	Air Cleaner Hose	1	

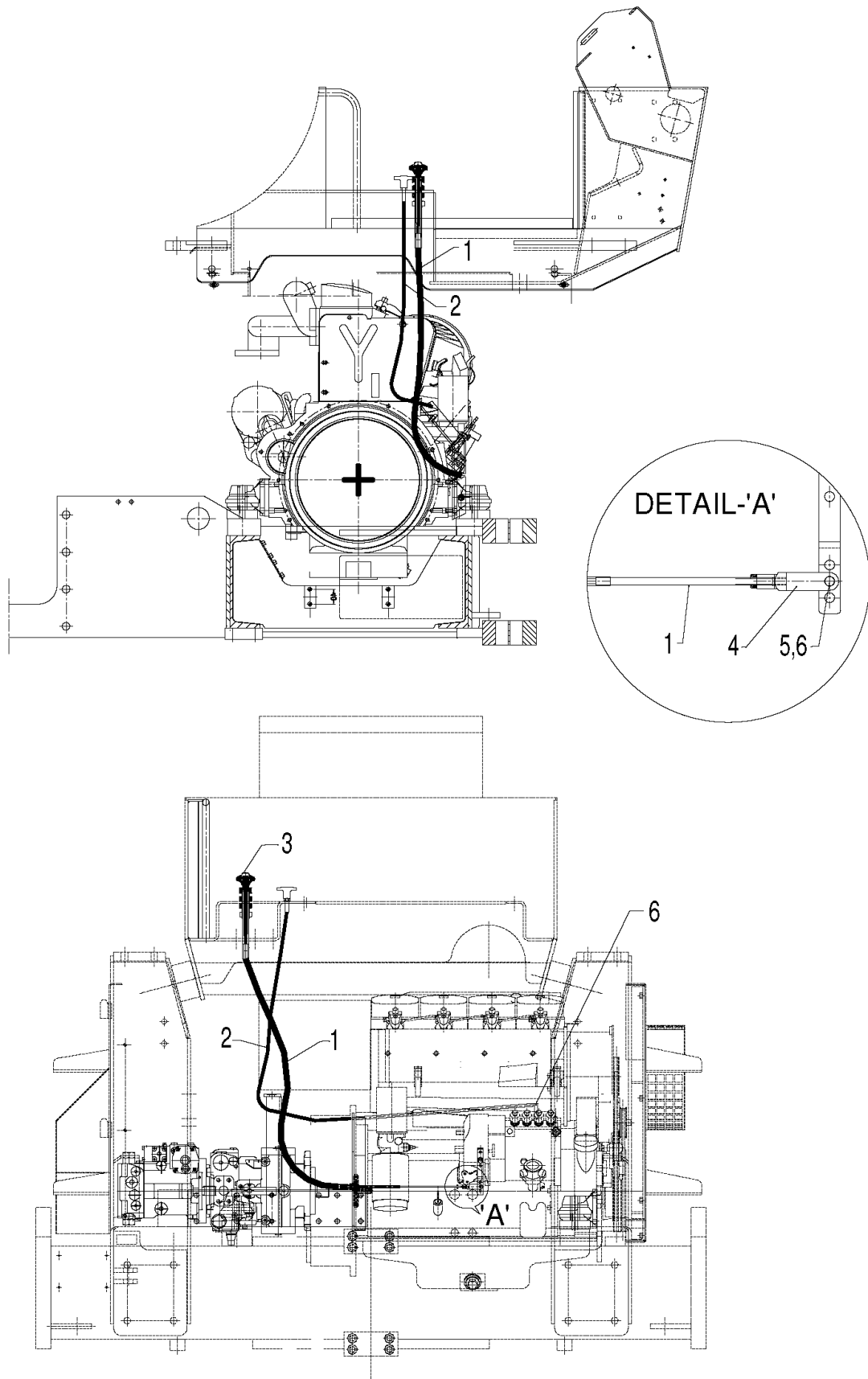
AIR INTAKE SYSTEM (DGBR)



HD-85

		Air Intake System (DGBR)		
S No	Part No	Description	Qty	Remarks
1	C7402645	Hose (Air Cleaner)	1	
2	C7402543	Pipe Air Cleaner Fab	1	
3	C836C1081000	Clamp	1	
4	C836C1082000	Clamp Plate	1	
5	C9100068	Hexagon Nut	8	
6	C9100046	Spring Lock Washer	4	

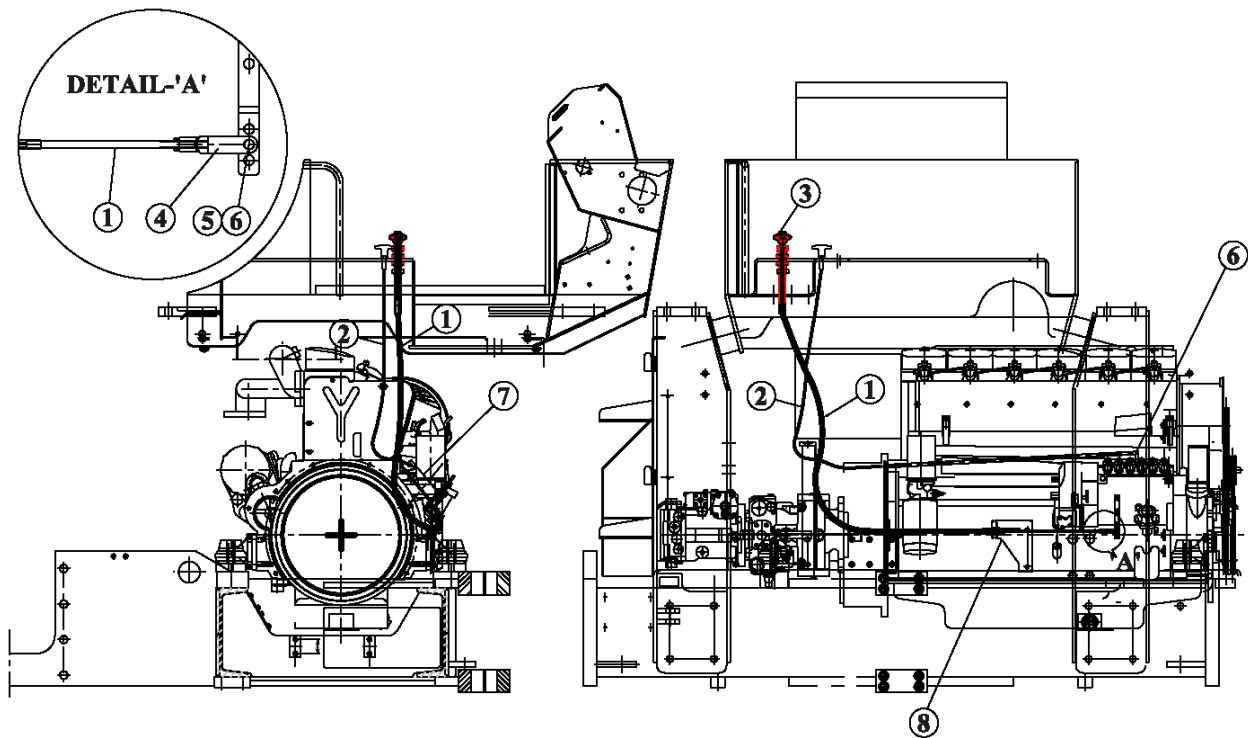
ENGINE CONTROL ASSY (STD)



HD-85

		Engine Control Assy (STD)		
S No	Part No	Description	Qty	Remarks
1	36-C-3-039A	Throttle Cable	1	
2	19-B-4-044	Stop Cable	1	
3	92 63 12	Protective Cap	1	
4	54 24 03	Fork(Yoke)	1	
5	53 00 16	Clevis Pin	1	
6	63 00 04	Split Pin	3	

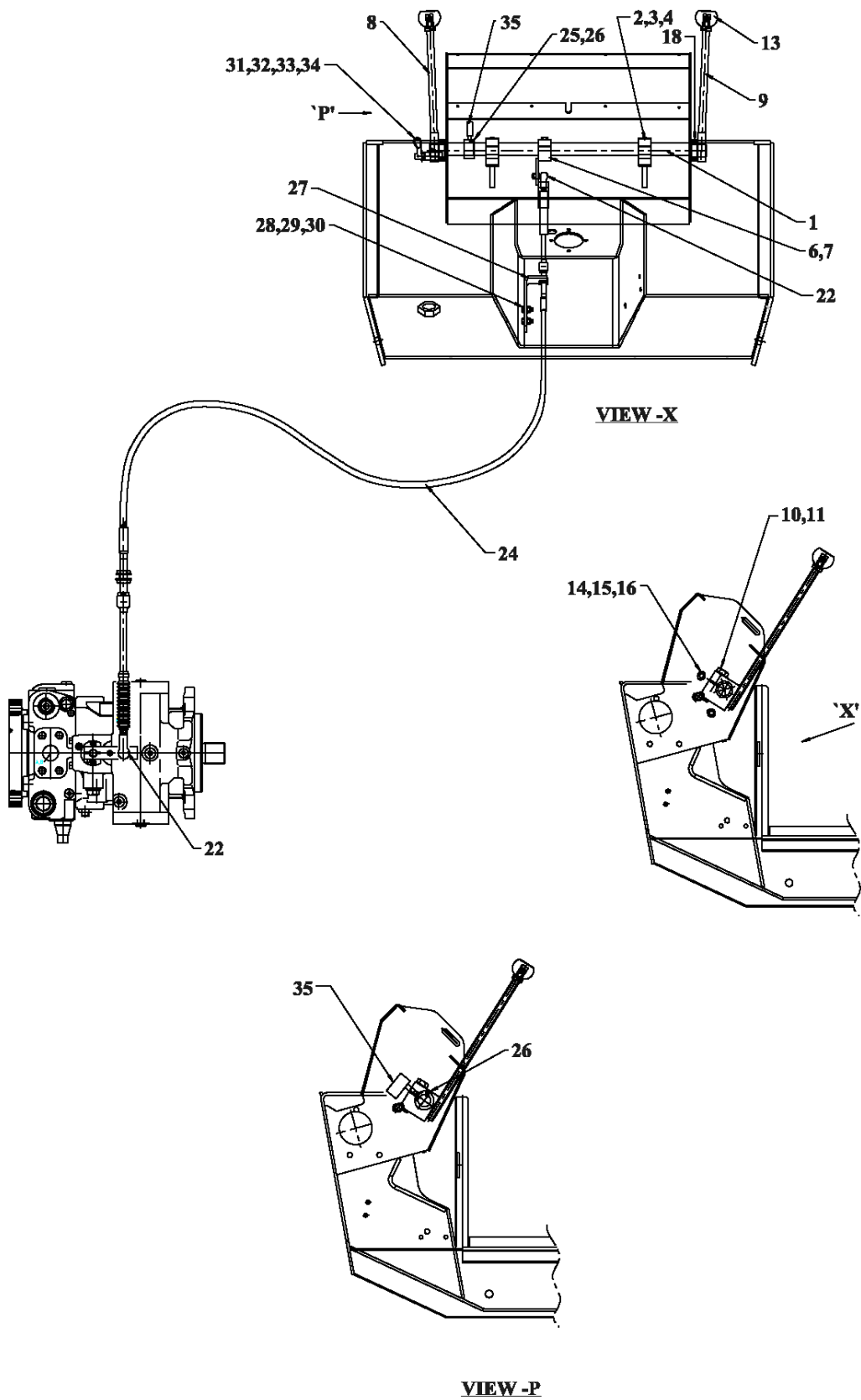
ENGINE CONTROL ASSY (DGBR)



HD-85

		Engine Control Assy (DGBR)		
S No	Part No	Description	Qty	Remarks
1	C7401781	THROTTLE CABLE	1	
2	C7401928	STOP CABLE	1	
3	C8D926312000	PROTECTIVE CAP	1	
4	C7401930	FORK(YOKE)	1	
5	C8D530016000	CLEVIS PIN	1	
6	C63 00 04	SPLIT PIN	3	
7	C7401780	BKT ACTUATOR CABLE MTG	1	
8	C7402406	MTG BKT	1	

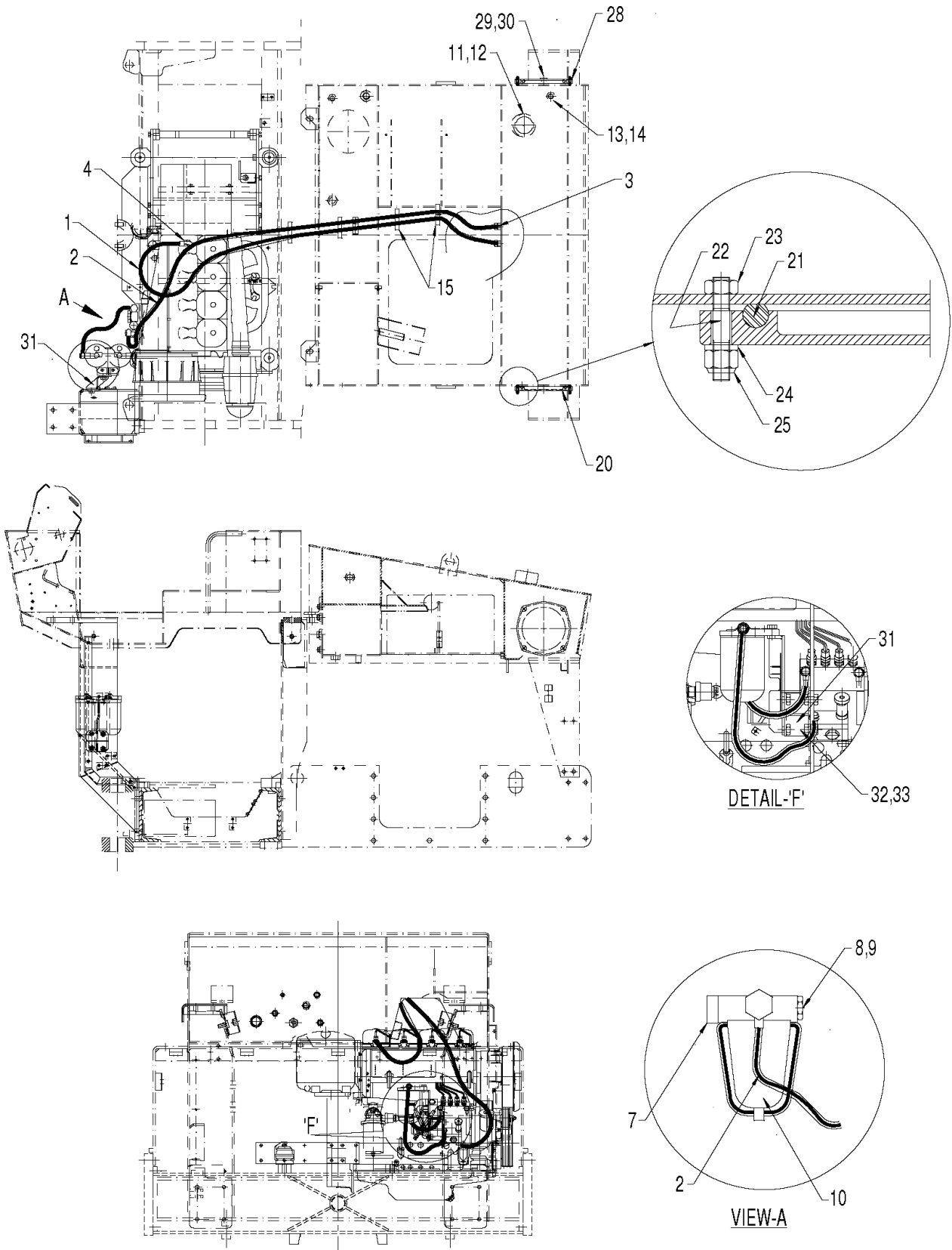
F/R CONTROL



HD-85

		F/R Control		
S No	Part No	Description	Qty	Remarks
1	C836F1046000	F/R Shaft Fab.	1	
2	C83631425000	Half Clip	4	
3	C83631404800	Cover Plate	2	
4	C8MBH06C2090	Bolt Hex.	4	
6	C8MWS1000000	Washer Spring	2	
7	C836774367C0	Lever	1	
8	C836778052C0	Accelerator, Right Side	1	
9	C836778060B0	Drive Lever	1	
10	C8MSH12C2080	Screw Hex.	2	
11	C8MWS1200000	Washer Spring	2	
13	C826C1075000	Knob	2	
14	C8MSA10C0050	Screw Allen	2	
15	C8CMWP100000	Washer Plain	4	
16	C8MNN10C2000	Nut Nylock	2	
18	C836451049C0	Spacer	2	
22	C83620074300	Angle Joint	2	
24	C836778087A0	Actuating Cable	1	
25	C842C3009A0	Cam Reverse Burzzer	1	
26	C8MSH08C2040	Hex Screw	1	
27	C836413925B0	Holder-Up	1	
28	C8MSH08C2050	Screw Hex.	2	
29	C8MWP0800000	Washer Plain	2	
30	C8MNN08C2000	Nut Nylock	2	
31	C836C4001000	Spacer	1	
32	C836C4002000	Dowell Pin	1	
33	C836C4003000	Spring	1	
34	C836C4004000	Latch	1	
36	C836229172A0	Micro Switch	1	

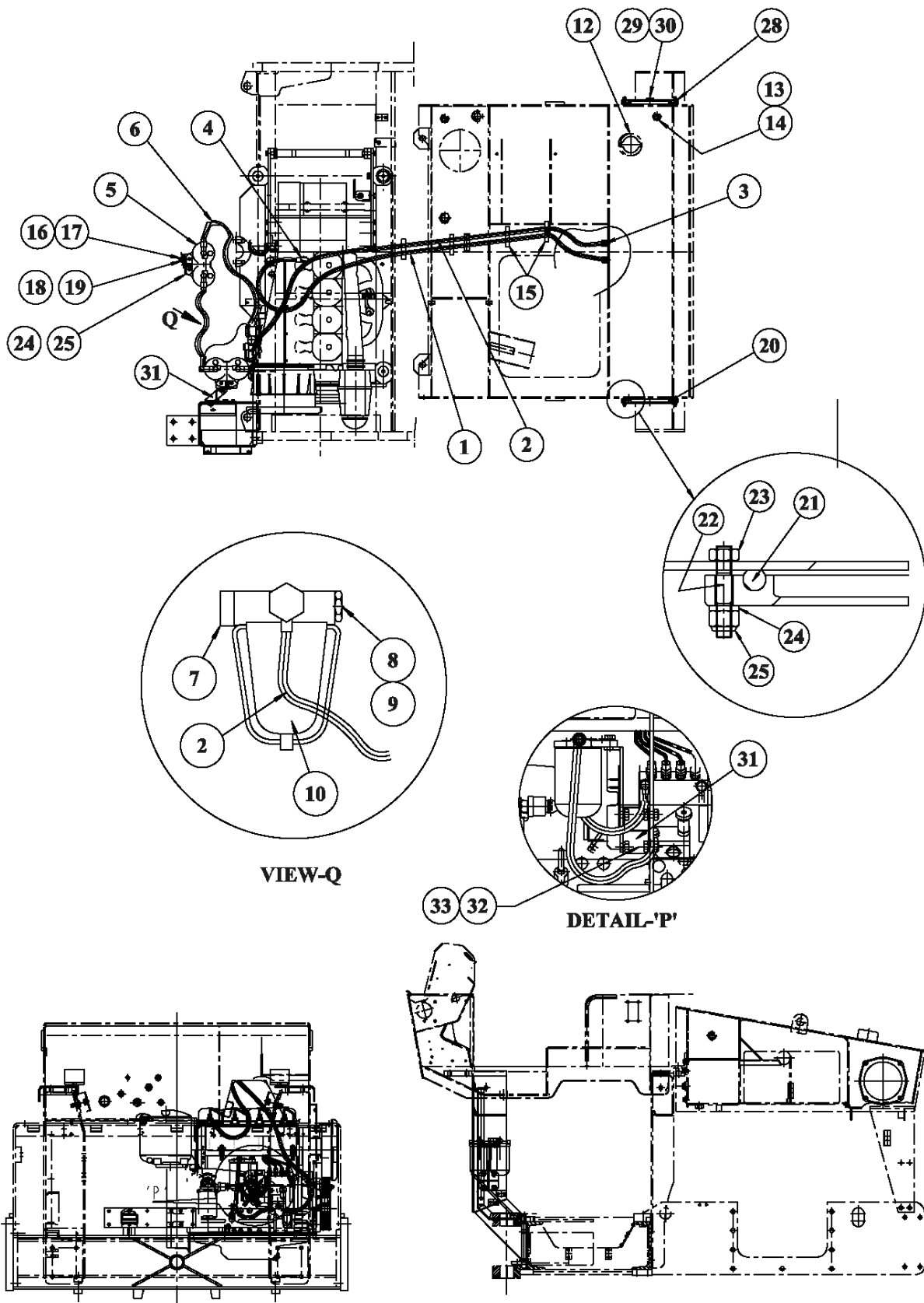
FUEL SYSTEM (STD)



HD-85

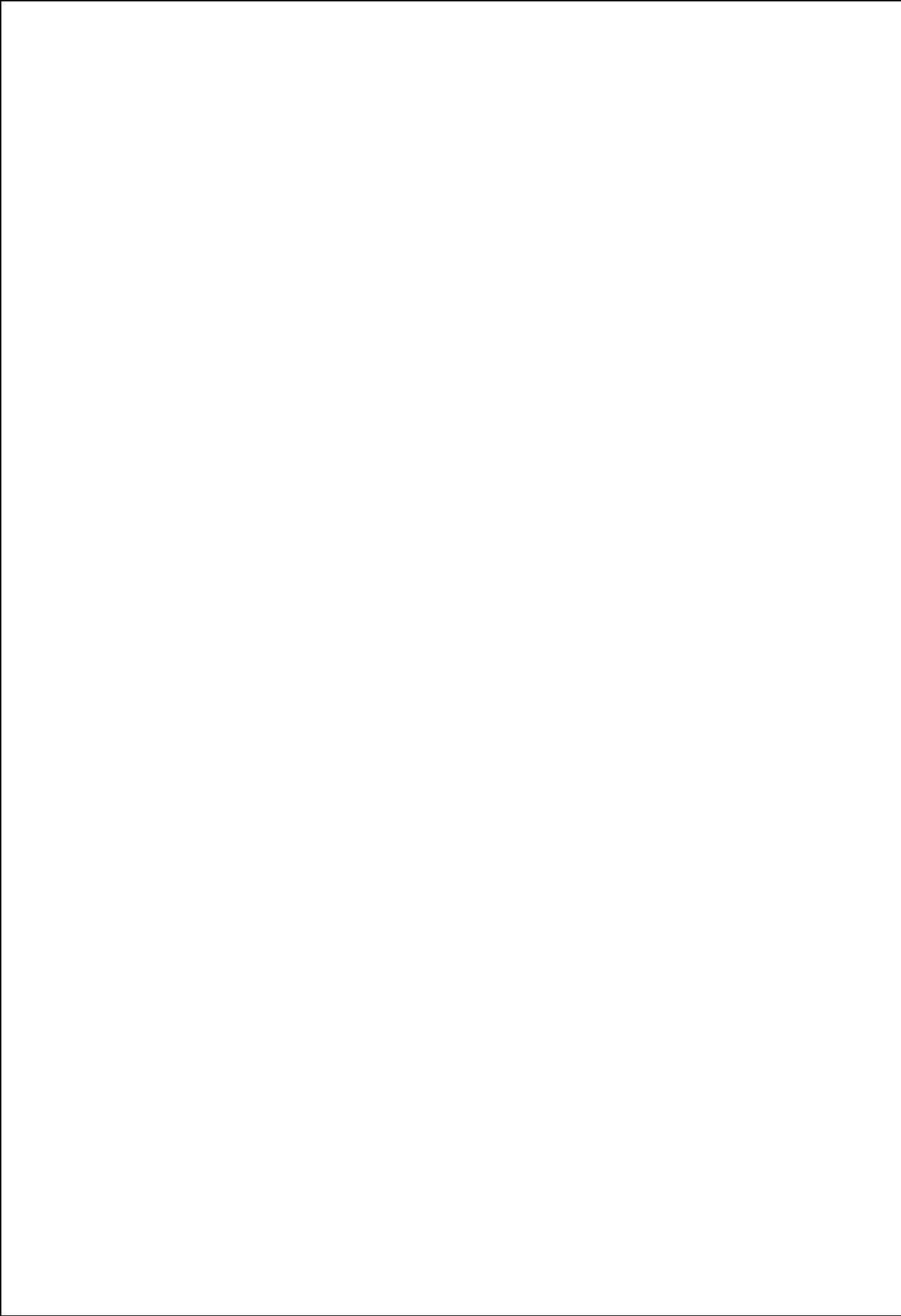
		Fuel System (STD)		
S No	Part No	Description	Qty	Remarks
1	00 35 05 24A	Hose	1	
2	C836350516A0	Hose	1	
3	C83632226100	Male Stud Coupling	2	
4	C83621931200	Copper Washer	3	
7	00 40 78 36	Intermediate Piece	1	
8	C8T020107150	Copper Washer	3	
9	00 27 33 17	Double Hollow-Core Screw	1	
10	00 25 03 33	Fuel Pre Filter	1	
12	36-F-3-005	Strainer, Fuel Tank	1	
13	C83620584200	Screw Plug	1	
14	00 21 94 95	Copper Washer	1	
15	C8F004708600	Hose Clamp	10	
20	C83657114800	Cover	1	
21	C83657647600	O Ring	2	
22	C836242675C0	Stud	8	
23	C8MNH10C2000	Nut Hex.	8	
24	C8MWP1000000	Washer Plain	8	
25	C8MNN10C2000	Nut Nylock	8	
28	C836430773A0	Cover	1	
29	92 25 52	Inspection Glass	2	
30	00 20 20 10A	O Ring	2	
31	C7401249	Fuel Filter Mtg.7401249	1	
32	C8MSH12C2060	Screw Hex	4	
33	C8MWS1200000	Washer Spring	4	

FUEL SYSTEM (DGBR)



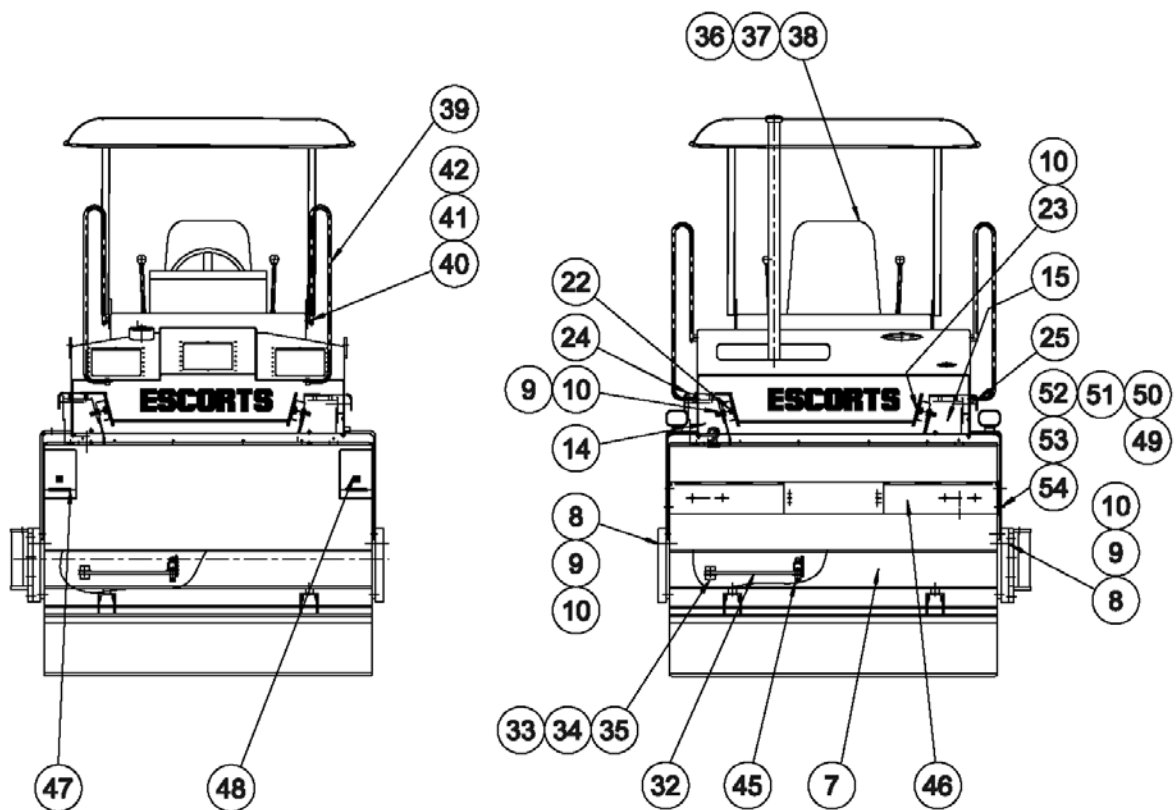
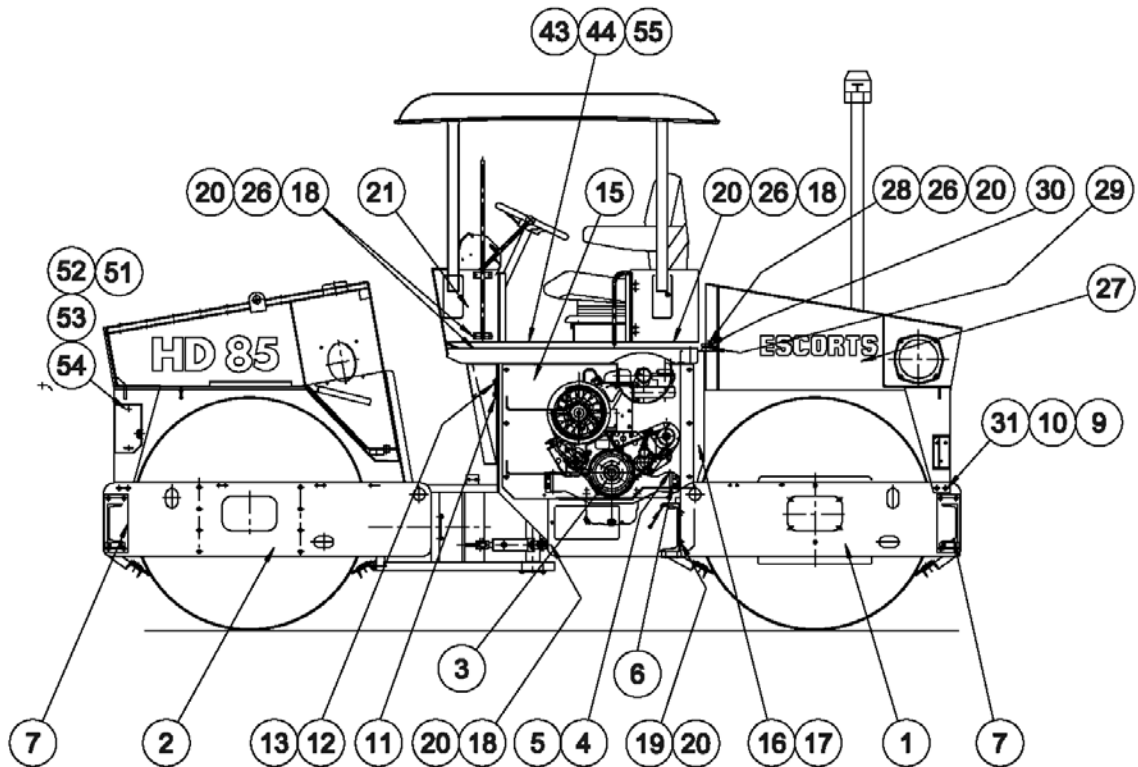
HD-85

		Fuel System (DGBR)		
S No	Part No	Description	Qty	Remarks
1	C836350524A0	Fuel Hose	1	
2	C836350516A0	Fuel Hose	1	
3	C9100380	Male Stud Coupling	2	
4	C83621931200	Copper Washer	3	
5	C7401249	Fuel Filter Mtg	1	
6	C7401931	Fuel Hose	1	
7	C83640783600	Intermediate Piece	1	
8	C8T020107150	Copper Washer	3	
9	C83627331700	Double Hollow Core Screw	1	
10	C83625033300	Fuel Pre Filter	1	
11	C836C2003000	Tank Cap	1	
12	C836F3026B00	Screen Filter Ss/Nylon	1	
13	C9100357	Screw Plug	1	
14	C83621949500	Copper Washer	1	
15	C8F004731100	Cable Binding	10	
16	C9100062	Punched Washer	2	
17	C9100046	Spring Lock Washer	2	
18	C9100052	Hexagon Head Screw	2	
19	C9100218	Hexagon Head Bolt	2	
20	C83657114800	Cover	1	
21	C83657647600	O-Ring	2	
22	C836242675C0	Stud	8	
23	C9100076	Hexagon Nut	8	
24	C9100040	Punched Washer	12	
25	C9100041	Prevailing Torque Type Nut	10	
28	C836430773A0	Cover	1	
29	C8D922552000	Oil Level Indicator	2	
30	C836202010A0	O-Ring	2	
31	C836F3021000	Fuel Filter Mtg.Bkt.	1	
32	C9100091	Hexagon Head Screw	4	
33	C9100088	Spring Lock Washer	4	



STRUCTURE

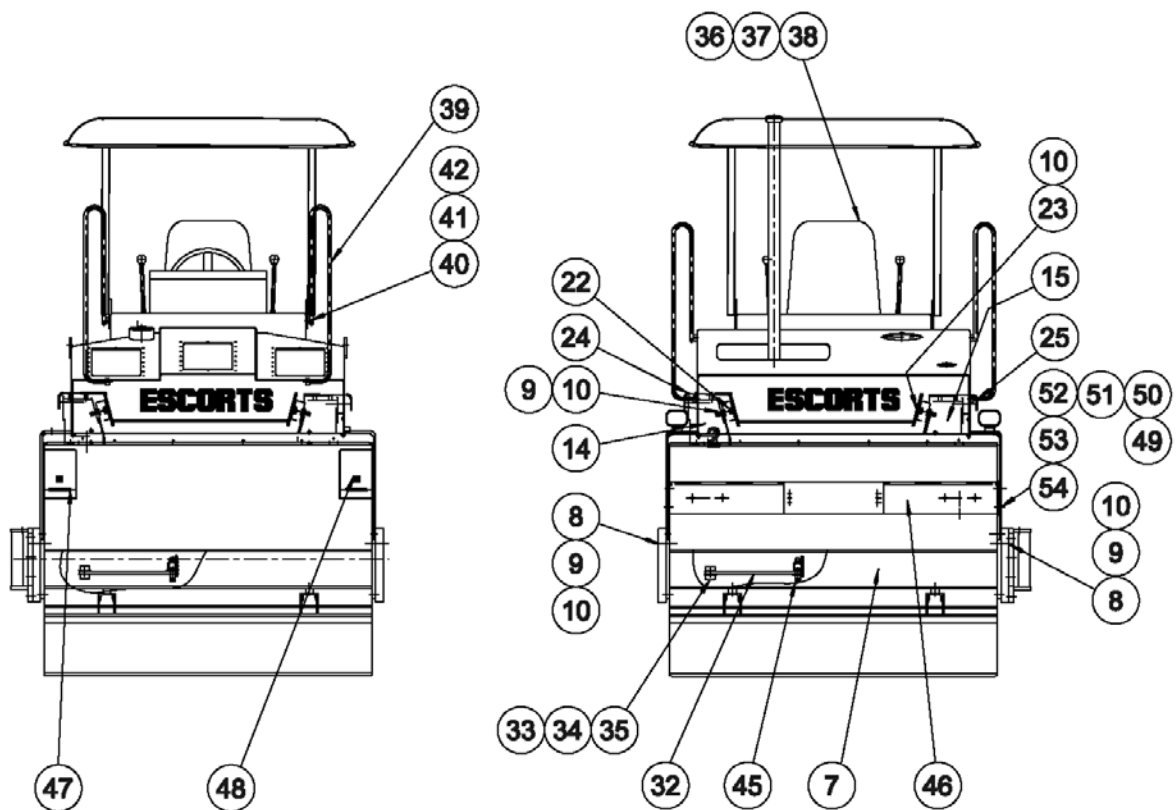
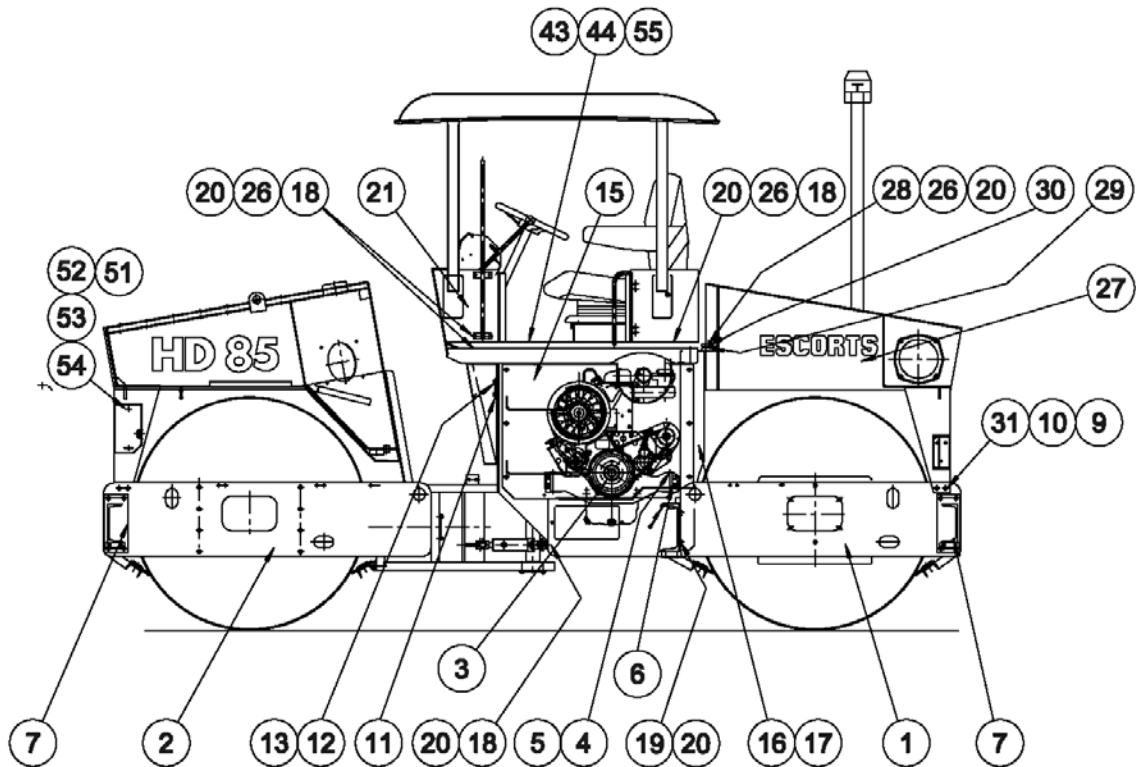
MAIN FRAME ASSY (STD)



HD-85

		Main Frame Assy (STD)		
S No	Part No	Description	Qty	Remarks
1	C7400267	Frame(Rear Part)-Bom	1	
2	C7400235	Frame(Front Part)	1	
3	C9100237	Hexagon Head Bolt	2	
4	C9100236	Hexagon Head Bolt	2	
5	C9100088	Spring Lock Washer	4	
6	C9100060	Prevailing Torque Type Nut	4	
7	C7400130	Cross Member	2	
8	C9100247	Hexagon Head Bolt	16	
9	C9100094	Hexagon Nut	24	
10	C9100092	Spring Lock Washer	28	
11	C836451975A0	Flat Steel	1	
12	C9100273	Hexagon Head Screw	4	
13	00 29 38 73	Washer	4	
14	C836830933F0	Rest(Front Right)	1	
15	C7401279	Rest(Front Left)	1	
16	C7401263	Support(Rear Right)	1	
17	C7401285	Rest Rear Left	1	
18	C9100284	Hexagon Head Screw	16	
19	C9100283	Hexagon Head Screw	4	
20	C9100309	Prevailing Torque Type Nut	22	
21	C7400082	Operator Platform Assy	1	
22	C83624948300	Rubber Metal Buffer	4	
23	C9100151	Hexagon Head Screw	4	
24	C836F1006B00	Step , Right	1	
25	C7401287	Step,Left	1	
26	01 21 01 06	Washer	12	
27	C7401258	Fuel Tank &Oil Tank	1	
28	C9100248	Hexagon Head Bolt	2	
29	C83640763100	Ball Socket	2	
30	C9101120	Spherical Washer	2	
31	C9100245	Hexagon Head Bolt	4	
32	C836430587B0	Steel Flat	1	
33	C9100260	Hexagon Head Bolt	1	
34	C9100173	Prevailing Torque Type Nut	1	
35	C83659580200	Rubber Washer	4	
36	C9100052	Hexagon Head Screw	4	
37	C9100046	Spring Lock Washer	4	
38	C7400528	Operator Seat	1	
39	C836778117A0	Stay Bar - Bom	2	
40	C9100264	Hexagon Head Screw	8	
41	C9100062	Punched Washer	8	
42	C9100307	Prevailing Torque Type Nut	8	
43	C8D202057000	Edge Protection	0.4M	
44	C83625022800	Edge Protection	2.8M	

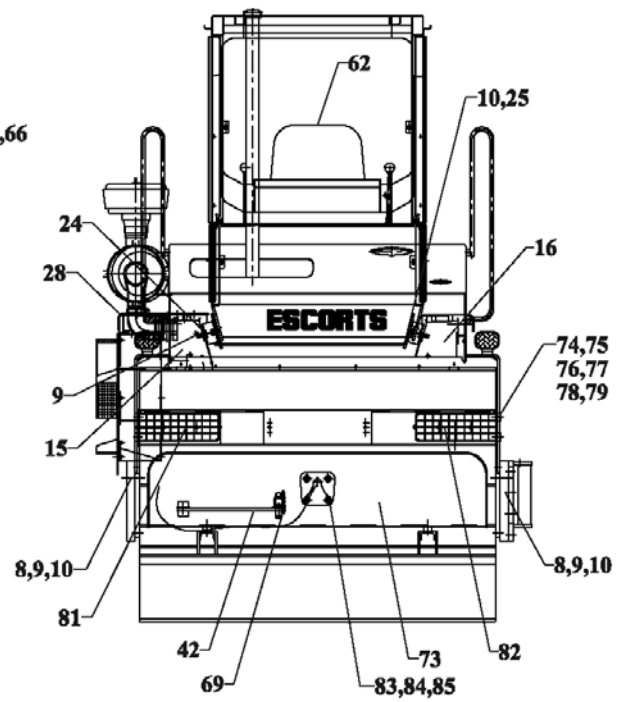
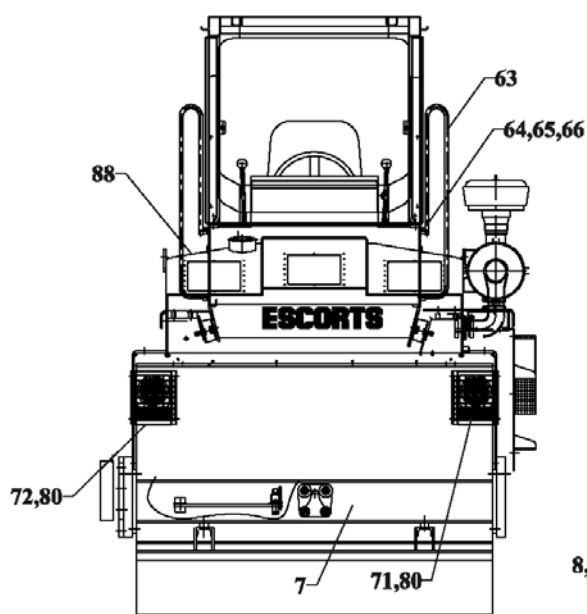
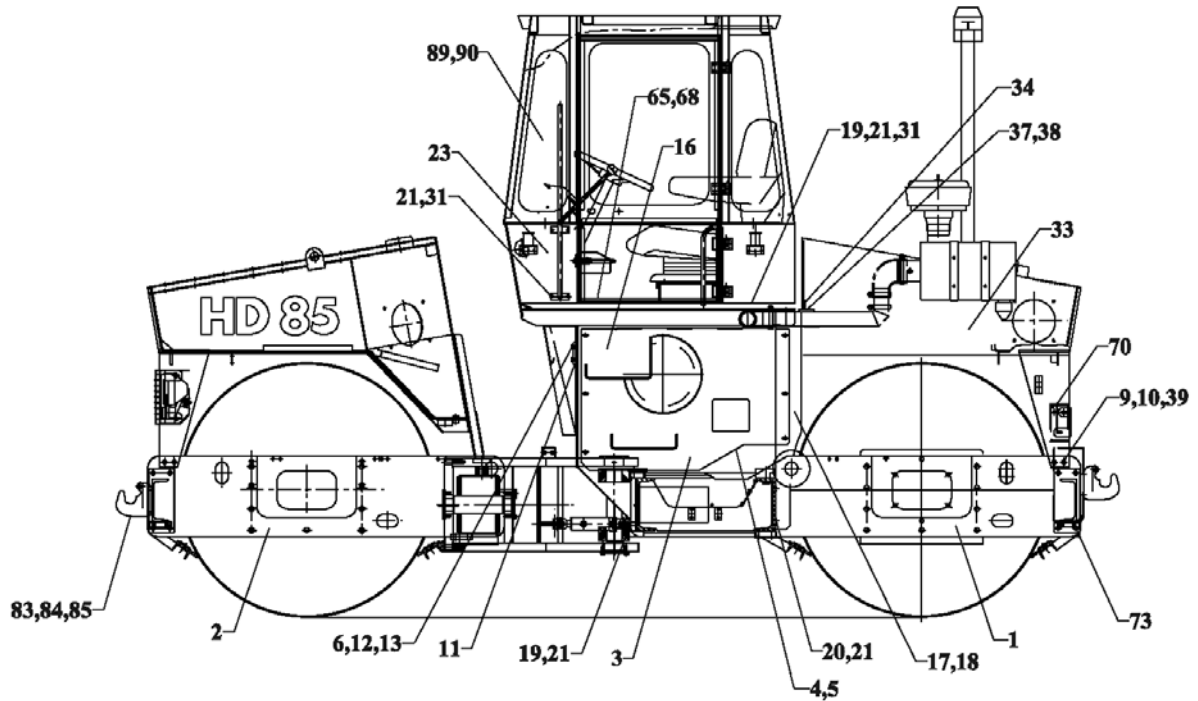
MAIN FRAME ASSY (STD)



HD-85

		Main Frame Assy (STD)		
S No	Part No	Description	Qty	Remarks
45	C836261785A0	Coupling Bolt	1	
46	C7400286	Rear Light Bkt.	1	
47	C836F5002D00	Head Light Box L.H	1	
48	C836F5001D00	Head Light Box R.H	1	
49	36-C-5-008	Shim, 2 Thk.	1	
50	36-C-5-009	Shim 1 Thk.	1	
51	C9100107	Hexagon Head Bolt	10	
52	C9100040	Punched Washer	10	
53	C9100044	Spring Lock Washer	10	
54	C9100041	Prevailing Torque Type Nut	10	
55	36-C-1-086	Floor Mat	1	
56	42-C-1-086	Plastic Rivet	19	

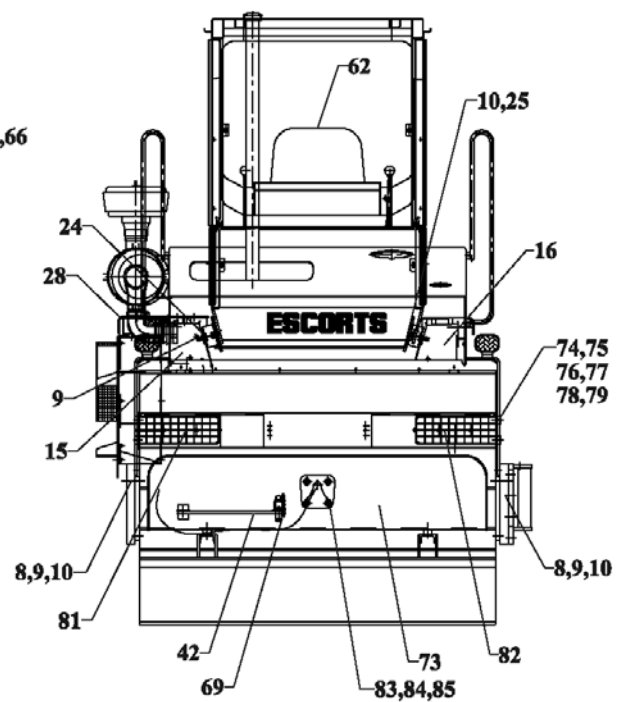
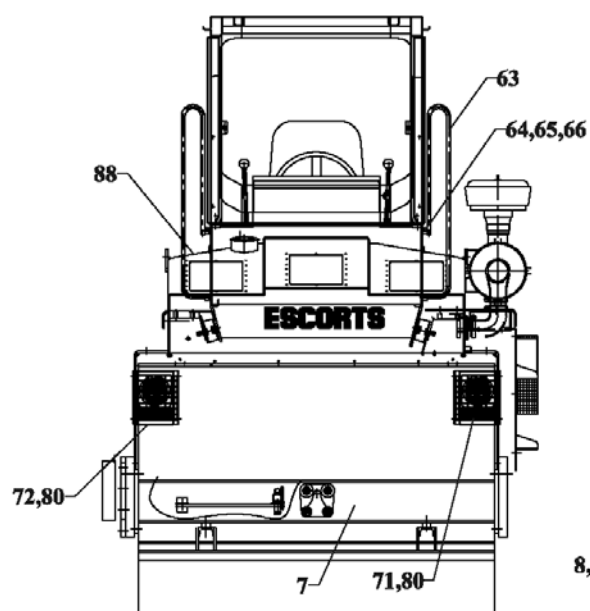
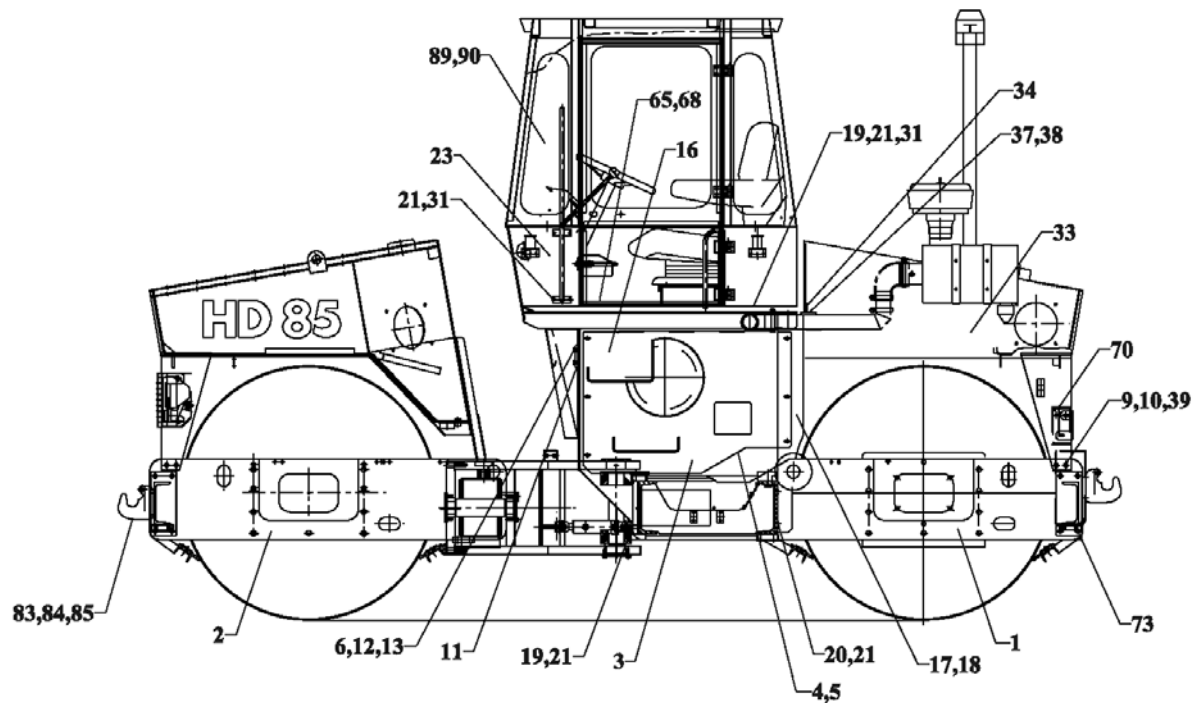
MAIN FRAME ASSY (DGBR)



HD-85

		Main Frame Assy (DGBR)		
S No	Part No	Description	Qty	Remarks
1	C7402640	Rear Frame Fabrication	1	
2	C7400235	Front Frame Fabrication	1	
3	C9100237	Hexagon Head Bolt	2	
4	C9100236	Hexagon Head Bolt	2	
5	C9100088	Spring Lock Washer	4	
6	C9100060	Prevailing Torque Type Nut	10	
7	C836F1032C00	Cross Member-Bom	1	
8	C9100247	Hexagon Head Bolt	16	
9	C9100094	Hexagon Nut	24	
10	C9100092	Spring Lock Washer	28	
11	C83645197500	Flat Steel	1	
12	C9100273	Hexagon Head Screw	4	
13	C83629387300	Washer	4	
15	C836830933F0	Rest (Front Right)	1	
16	C836F1025B00	Rest(Front Left)	1	
17	C836777862I0	Support(Rear Right)	1	
18	C7402625	Rest(Rear Left)	1	
19	C9100284	Hexagon Head Screw	16	
20	C9100283	Hexagon Head Screw	4	
21	C9100309	Prevailing Torque Type Nut	22	
23	C7402641	Cabin & Platform Assy	1	
24	C83624948300	Rubber Metal Buffer	4	
25	C9100151	Hexagon Head Screw	4	
28	C7400625	Step Right	1	
31	C83621010600	Washer	12	
33	C7402551	Fuel Tank &O II Tank - Bom	1	
34	C9100248	Hexagon Head Bolt	2	
37	C83640763100	Ball Socket	2	
38	C9101120	Spherical Washer	2	
39	C9100245	Hexagon Head Bolt	4	
42	C83643058700	Steel Flat	1	
43	C9100260	Hexagon Head Bolt	1	
44	C9100173	Prevailing Torque Type Nut	1	
45	C83659580200	Rubber Washer	4	
60	C9100052	Hexagon Head Screw	4	
61	C9100046	Spring Lock Washer	4	
62	C8D558608000	Operator Seat	1	
63	C836778117A0	Stay Bar - Bom	2	
64	C9100264	Hexagon Head Screw	8	
65	C9100062	Punched Washer	10	
66	C9100307	Prevailing Torque Type Nut	8	
67	C8D202057000	Edge Protection	0.4 M	
68	C83625022800	Edge Protection	2.8M	
69	C83626178500	Coupling Bolt	1	
70	C7400286	Rear Light Bkt	1	

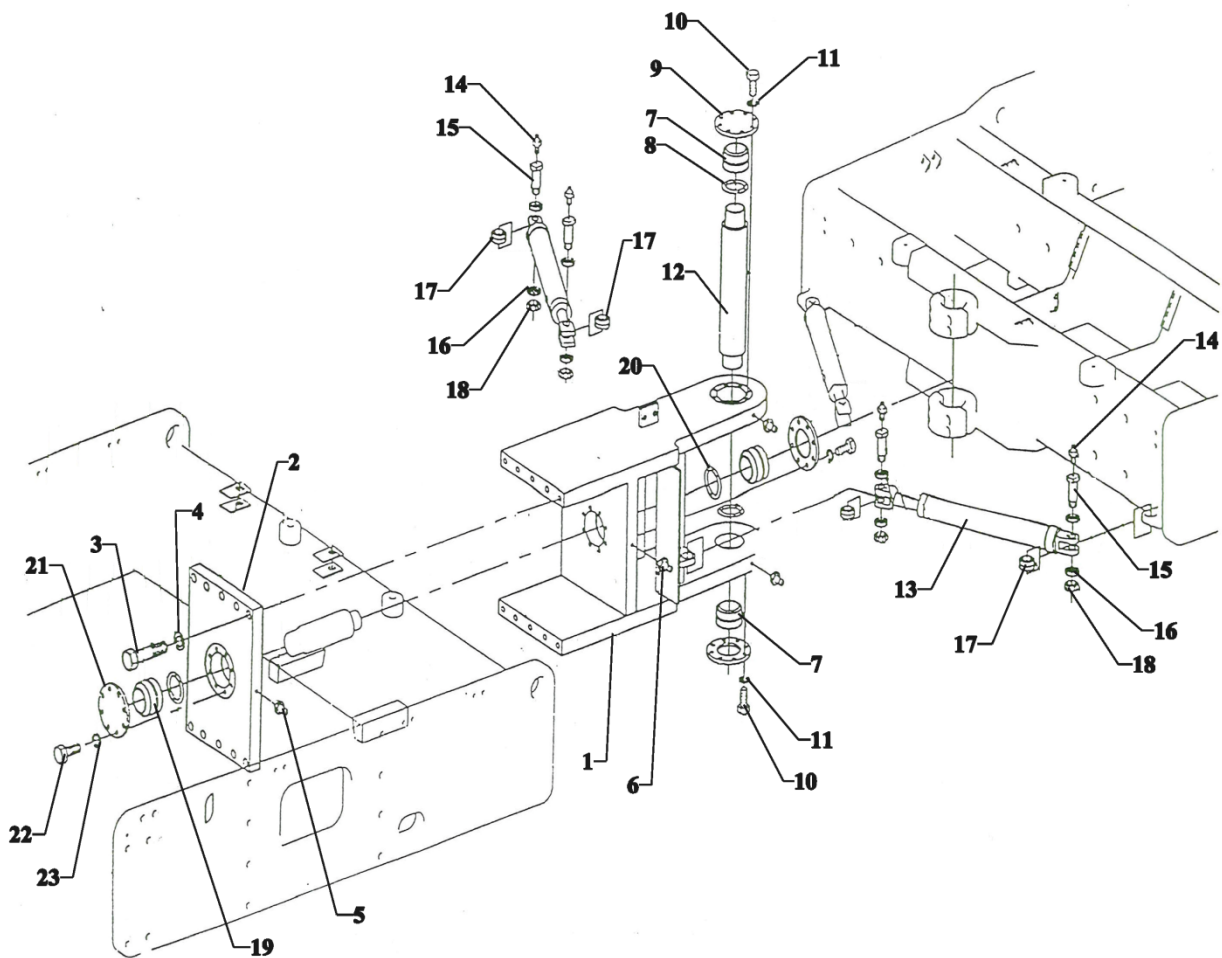
MAIN FRAME ASSY (DGBR)



HD-85

		Main Frame Assy (DGBR)		
S No	Part No	Description	Qty	Remarks
71	C836F5002D00	Head Light Box L.H	1	
72	C836F5001D00	Head Light Box R.H	1	
73	C836F1033C00	Rear Counter Weight	1	
74	C836C5008000	Shim,2thk.	1	
75	C836C5009000	Shim,1 Thk.	1	
76	C9100107	Hexagon Head Bolt	12	
77	C9100040	Punched Washer	12	
78	C9100044	Spring Lock Washer	12	
79	C9100041	Prevailing Torque Type Nut	12	
80	C836C1073000	Wire Mesh Bkt. Front	2	
81	C836C1074000	Wire Mesh Bkt. Rear(L.H)	1	
82	C836C1075000	Wire Mesh Bkt. Rear(R.H)	1	
83	C8PP11652000	Towing Hook	2	
84	C9101137	Hexagon Head Screw	8	
85	C9100086	Spring Lock Washer	8	
86	C836C1086000	Floor Mat	1	
87	C842C1086000	Plastic Rivet	19	
88	C836C1080000	Rubber Grommet	16	
89	C9100126	Hexagon Head Bolt	2	
90	C9100068	Hexagon Nut	2	

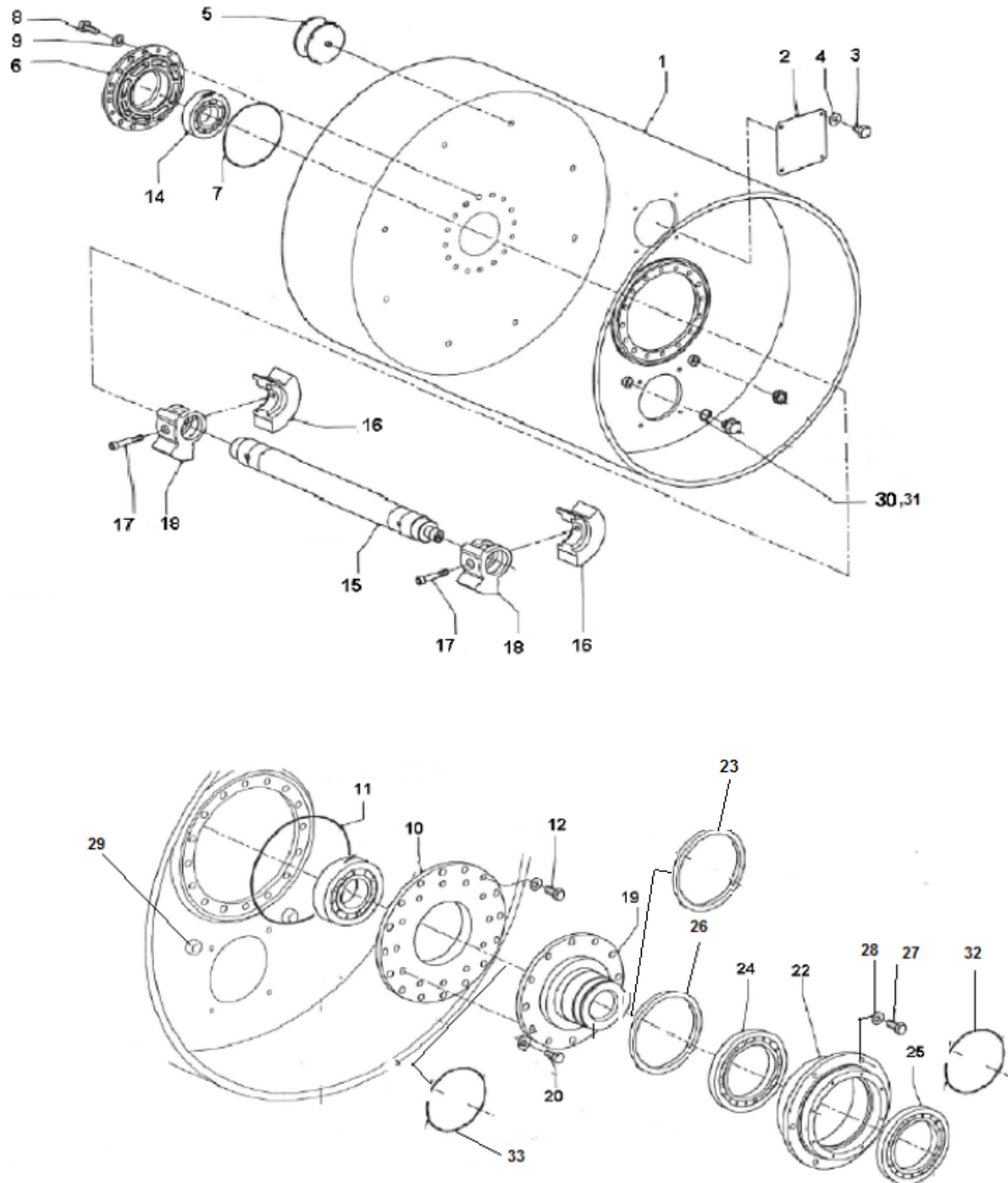
CENTRE PIVOT ASSY



HD-85

		Centre Pivot Assy		
S No	Part No	Description	Qty	Remarks
1	C836F1044000	Suspension Brg	1	
2	C836441252E0	Flanged Brg.	1	
3	C8MBH20C2163	Bolt Hex	10	
4	C8MWS200000	Washer Spring	10	
5	C83621006400	Lubrication Nipple	1	
6	C83621006400	Lubrication Nipple	3	
7	C83626138600	Radial Rod End Brg	3	
8	C836335959A0	O Ring	2	
9	C836594601C0	Cover	3	
10	C8MSH10C2053	Screw Hex	24	
11	C8MWS1000000	Washer Spring	24	
12	C836451355A0	Shaft	1	
13	C836455982C0	Hydraulic Cylinder	2	
14	C8MNG10F0100	Lubrication Nipple	4	
15	C7400189A	Pin	4	
16	C836C1110000	Sealing Washer	8	
17	C83637240400	Radial Rod End Brg	4	
18	C8MNN20C2000	Nut Nylock	4	
19	C83626138600	Radial Rod End Brg	1	
20	C836335959A0	O Ring	2	
21	C836594601C0	Cover	1	
22	C8MSH10C2053	Screw Hex	8	
23	C8MWS1000000	Washer Spring	8	

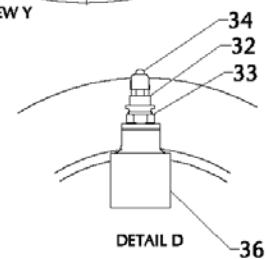
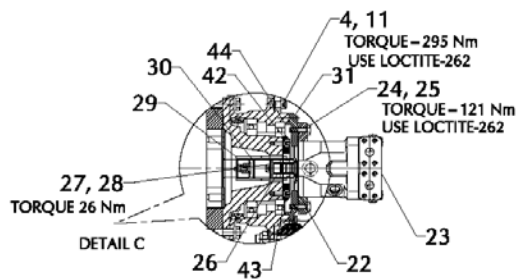
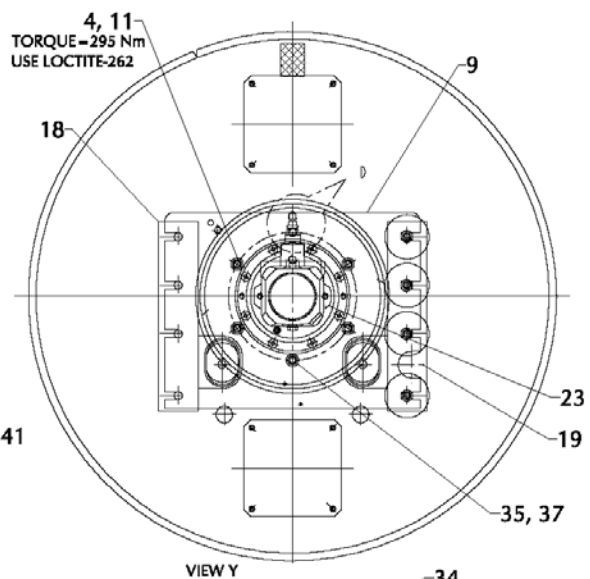
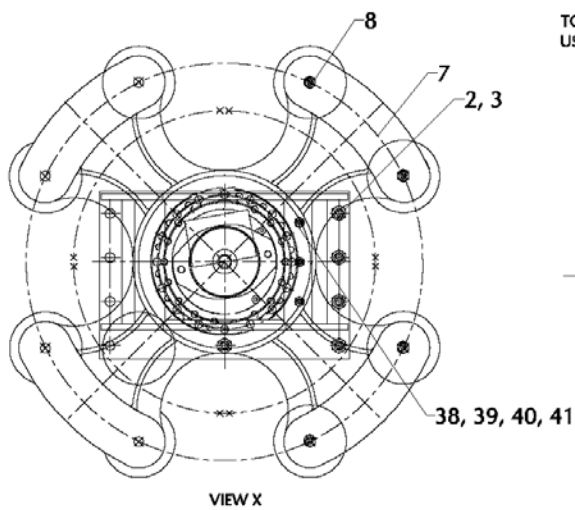
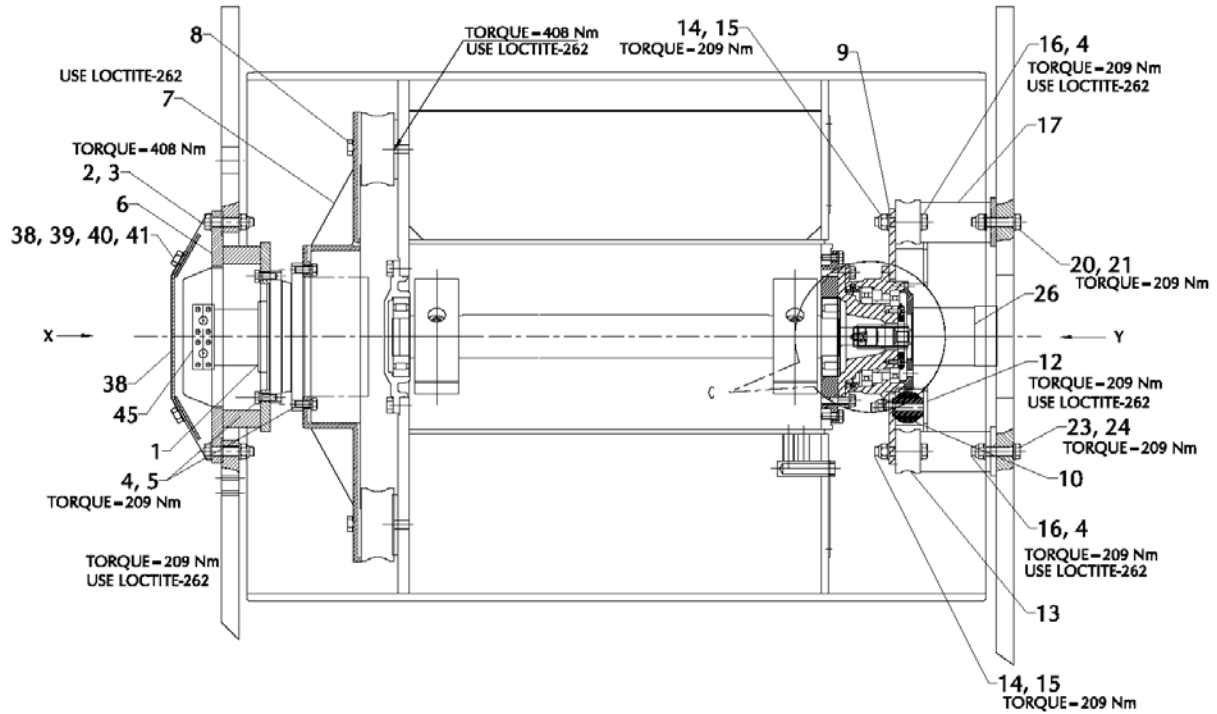
ROLLER DRUM ASSY



HD85NS

STRUCTURE		ROLLER DRUM ASSY		
S No	Part No	Description	Qty	Remarks
1	C836782386	ROLLER DRUM FABRICATION	1	
2	C836446033B0	COVER	2	
3	C9100191	HEXAGON HEAD SCREW -IS 1364 (PART2) -ISO	8	
4	C9100044	SPRING LOCK WASHER A10 IS:3063	8	
5	C836354082A0	RUBBER METAL BUFFER	8	
6	C836451266C0	BEARING COVER	1	
7	C836296945A0	O-RING	1	
8	C9100240	HEXAGON HEAD BOLT IS 1364 (PART1)/ISO4014-	16	
9	C9100092	SPRING LOCK WASHER A16-IS:3063	44	
10	C836C2014A00	FLANGE BEARING FOR HAMM HD85(DGBR)	1	
11	C836276081A0	O-RING	1	
12	C9100327	HEXAGON SOCKET HEAD CAP SCREW -	16	
14	C83634873208	CYL. ROLLER BEARING-NJ 317 E.TVP2C4 DIN	2	
15	C83645755800	UNBALANCED SHAFT	1	
16	C7402951	UNBALANCED MASS FIXED	2	
17	C9100336	HEXAGON SOCKET HEAD CAP SCREW -	2	
18	C7402952	UNBALANCED MASS LOOSE	2	
19	C7400442	CONE FLANGE	1	
20	C9100284	HEXAGON HEAD SCREW -IS 1364 (PART2) -ISO	12	
22	C7400443	FLANGE FOR MTG. BEARING	1	
23	C84238326008	AXIAL FACE SEAL(DUCONE SEAL)	1	
24	C83628826800	GROOVED BALL BEARING - 16030, DIN 625	1	
25	C83628824100	GROOVED BALL BEARING - 16028, DIN 625	1	
26	C84238334100	O-RING - 260X3 NBR 70	1	
27	C9100206	HEXAGON HEAD BOLT IS 1364 (PART1)/ISO4014-	8	
28	C9100046	SPRING LOCK WASHER A8 IS:3063	8	
29	C8D922552008	OIL EYE PLUG- M30X1.5,T.P No.01260	1	
30	C83621950900	COPPER WASHER - 26X32X2-CU-IS:3175	1	
31	C8D343744D00	SCREW PLUG - M30X1.5-COMMON WITH EC-	1	
32	C7400188	RING	1	
33	C842486930C0	RING - 25X334 RD ST 52-3	1	

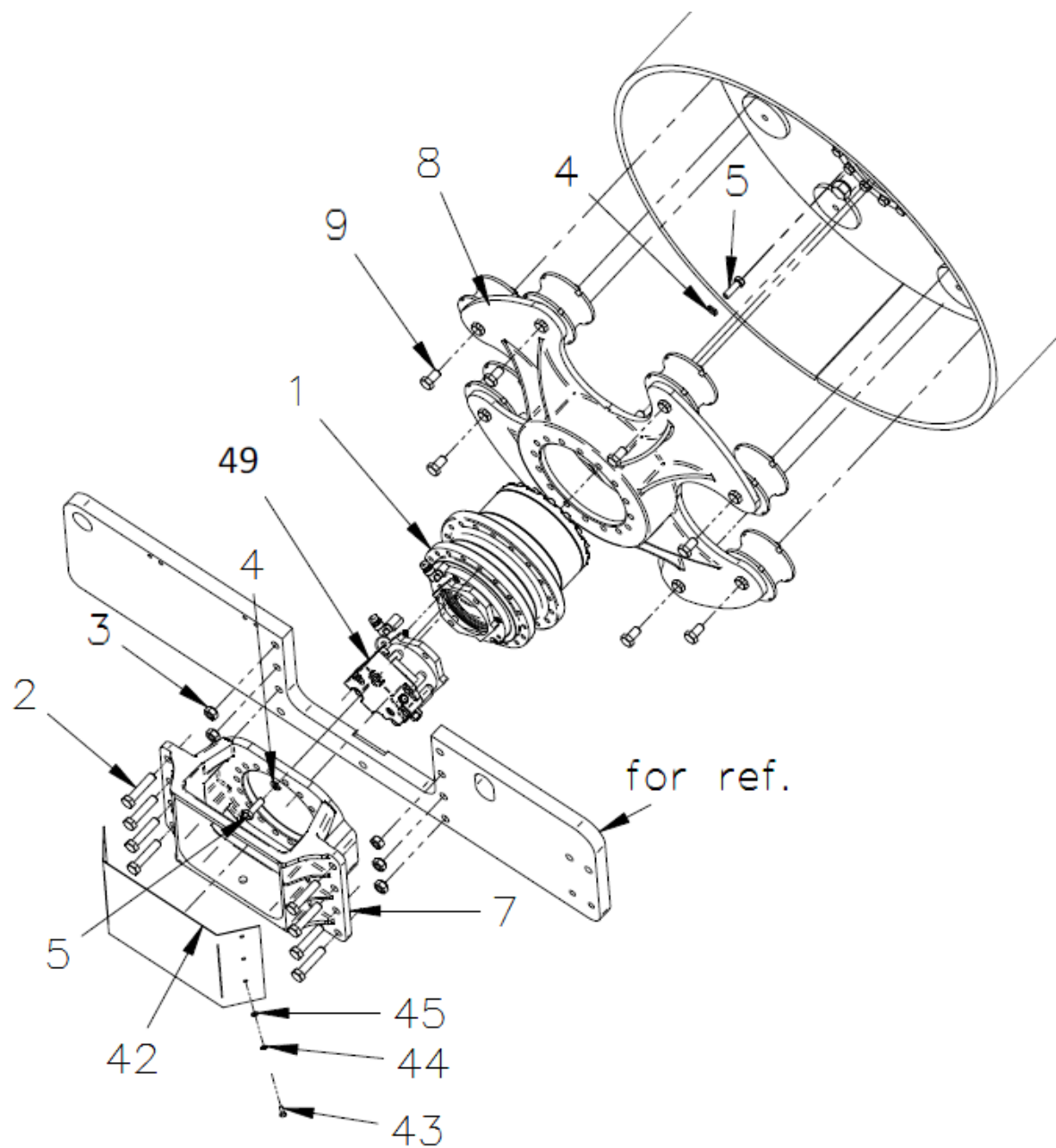
DRUM SUSPENSION (FAIRFIELD)



HD-85

		Drum Suspension (Fairfield)		
S No	Part No	Description	Qty	Remarks
1	C836B4006008	Torque Hub	1	
2	C9100253	Hexagon Head Bolt	9	
3	C9100109	Prevailing Torque Type Nut	9	
4	C9100092	Spring Lock Washer	32	
5	C9100241	Hexagon Head Bolt	32	
6	C836M2003A00	Motor Mounting (Machined)	1	
7	C836M2011D0	Driver Plate (Machined)	1	
8	C9100289	Hexagon Head Screw	8	
9	C836451312B0	Plate	1	
10	C83643512000	Rubber Buffer	2	
11	C9100327	Hexagon Socket Head Cap Screw	6	
12	C9100249	Hexagon Head Bolt	2	
13	C83632435300	Rubber Metal Buffer	8	
14	C9100359	Washer	8	
15	C9100094	Hexagon Nut	10	
16	C9100151	Hexagon Head Screw	8	
17	C7400260	Suspension	1	
18	C7400261	Suspension	1	
19	C836451320C0	Steel Flat	2	
20	C9100248	Hexagon Head Bolt	8	
21	C9100309	Prevailing Torque Type Nut	8	
22	C836337609A0	O-Ring	1	
23	C8PP11103008	Vibration Motor	2	
24	C9100550	Hexagon Socket Head Cap Screw	2	
25	C83654562700	Washer	4	
26	C836441740A0	Spline Coupling	1	
27	C836422584C0	Washer	1	
28	C9100424	Hexagon Socket Head Cap Screw	1	
29	C7400187	Coupling	1	
30	C9100468	Circlip Internal	2	
31	C836441724D0	Cover	1	
32	C836441732C0	Screw Plug	2	
33	C83621950900	Copper Washer	2	
34	C836200433A8	Vent Cap (Breather)	2	
35	C83621937100	Copper Washer	2	
36	C836220280A0	Elbow	2	
37	C83622342500	Screw Plug	2	
38	C836C1098C00	Cover Plate	1	
39	C9100052	Hexagon Head Screw	8	
40	C9100046	Spring Lock Washer	16	
41	C9100062	Punched Washer	8	
42	C9100320	Cheese Head Screw	8	
43	C83647748600	Cover	1	
44	C83623293200	Spacer Shim	1	
45	C836B4007008	AXIAL PISTON MOTOR	1	

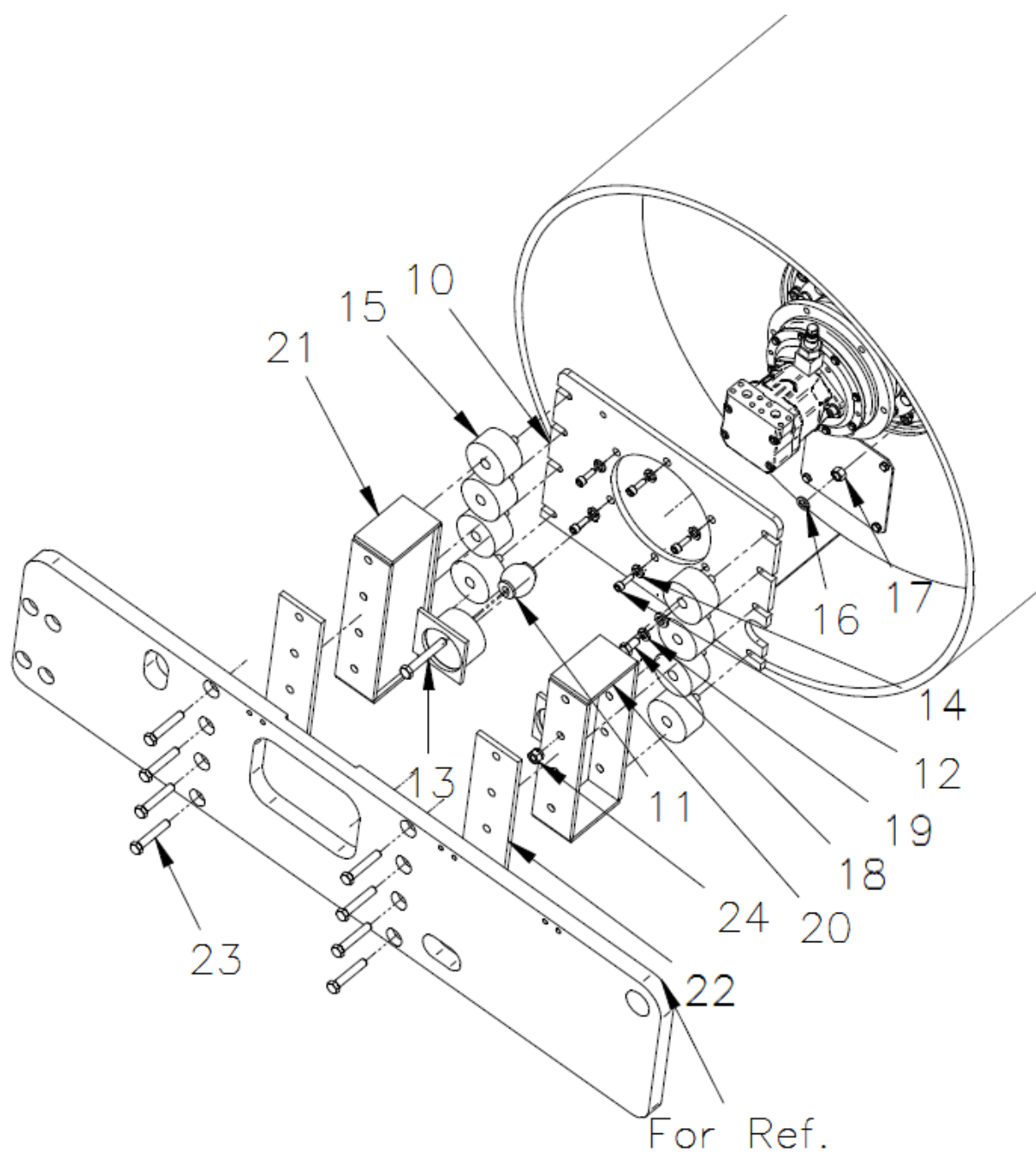
DRUM SUSPENSION (BONFIGLIOLI)



HD85NS

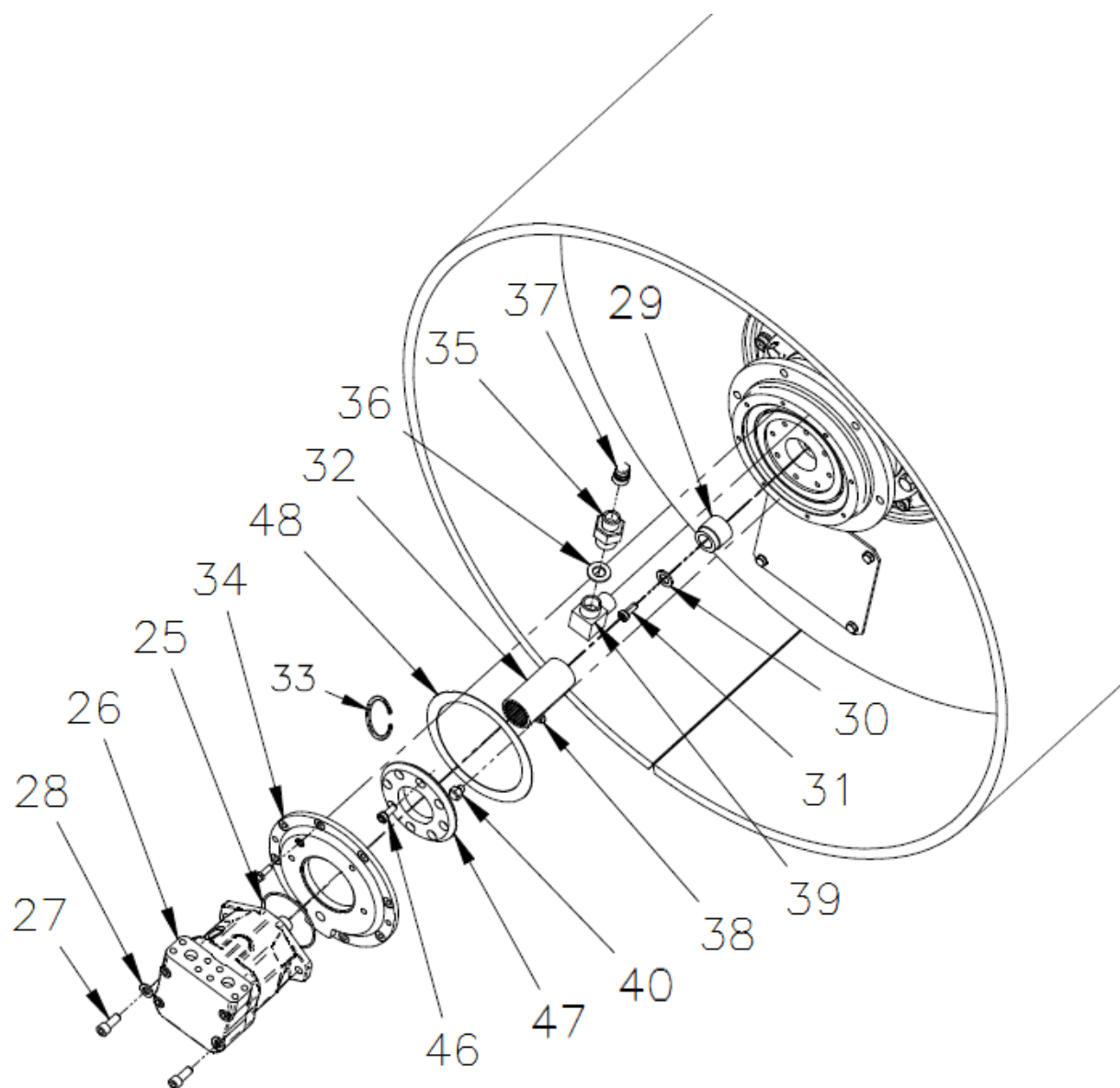
STRUCTURE		DRUM SUSPENSION (BONFIGLIOLI)		
S No	Part No	Description	Qty	Remarks
1	C7403123	TORQUE HUB "706C2H"	1	
2	C9100253	BOLT HEX.-M20X90-8.8G-ZPY-IS:1364(PART1)	9	
3	C9100109	NUT NYLOCK-M20 -8G-IS:7002	9	
4	C9100092	WASHER SPRING- M16-ZPY-IS:3063	60	
5	C9100283	HEX BOLT-M16X50-8.8G-IS-1364-PART 1	36	
7	C7404103	GEARBOX MTG FAB	1	
8	C7404101	DRIVE PLATE MACHINED	1	
9	C9100289	SCREW HEX-M20X35-8.8 G-ZPY-IS:1364(PART 2)	8	
42	C84247748600	COVER PLATE(FOR FAB)	1	
43	C9100052	SCREW HEX - M8X20-8.8G-ZPY-IS:1364(PART 2)	8	
44	C9100046	WASHER SPRING-M08-ZPY-IS:3063	8	
45	C9100062	PLAIN WASHER-B8-ZPY IS-2016	8	
49	C836B4007008	AXIAL PISTON MOTOR(90K055 NCON8 NOS1	1	

DRUM SUSPENSION (BONFIGLIOLI)



HD85NS

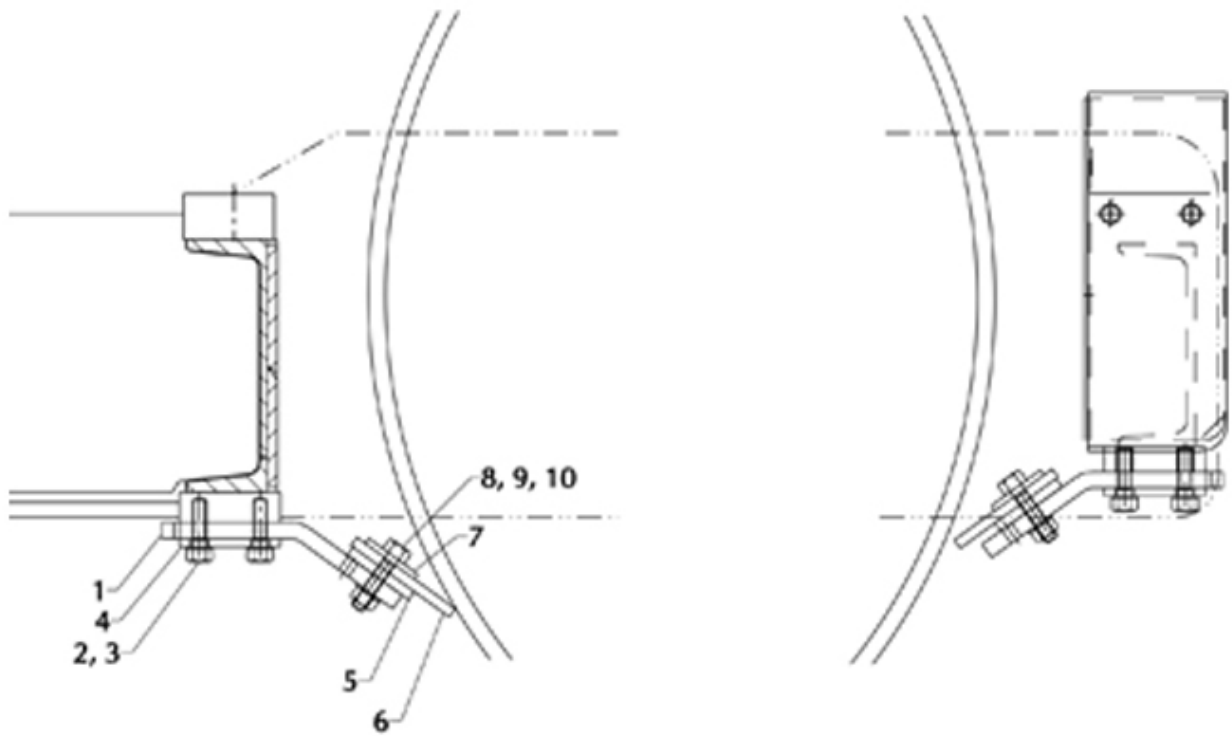
STRUCTURE		DRUM SUSPENSION (BONFIGLIOLI)		
S No	Part No	Description	Qty	Remarks
10	C836451312B0	PLATE	1	
11	C83643512000	RUBBER BUFFER - BOM	2	
12	C9100327	SCREW ALLEN-M16X40-12.9 G-IS:2269	6	
13	C9100249	BOLT HEX.-M16X110-8.8G-ZPY-IS:1364(PART1)	2	
14	C9100092	WASHER SPRING- M16-ZPY-IS:3063	6	
15	C83632435300	RUBBER METAL BUFFER-B/F100/55NK	8	
16	C83621010600	WASHER - DIN 7349-17-V(A2C)	8	
17	C9100094	NUT HEX - M16-8G-ZPY-IS:1364(PART 3)	10	
18	C9100151	SCREW HEX - M16X30 -8.8 G-ZPY-IS:1364(PART 2)	8	
19	C9100092	WASHER SPRING- M16-ZPY-IS:3063	8	
20	C7400260	SUSPENSION	1	
21	C7400261	SUSPENSION	1	
22	C836451320C0	STEEL FLAT	2	
23	C9100248	BOLT HEX - M16X90-8.8G-ZPY-IS:1364(PART 1)	8	
24	C9100309	NUT NYLOCK-M16,8G,IS:7002	8	



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STRUCTURE		DRUM SUSPENSION (BONFIGLIOLI)		
S No	Part No	Description	Qty	Remarks
25	C836337609A0	O-RING	1	
26	C7402920	VIBRATION MOTOR	2	
27	C9100196	SCREW ALLEN -M12x30-12.9G IS:2269	2	
28	C83654562700	WASHER	4	
29	C836441740A0	SPLINE COUPLING	1	
30	C836422584C0	WASHER	1	
31	C9100424	SCREW ALLEN - 1/4"-20 UNC-2BX1"-12.9G	1	
32	C7400187	COUPLING	1	
33	C8PP1012400	CIRCLIP - DIN 472-40X1.75	2	
34	C836441724D0	COVER - BOM	1	
35	C836441732C0	SCREW PLUG	2	
36	C83621950900	COPPER WASHER - 26X32X2-CU-IS:3175	2	
37	C836200433A8	VENT CAP	2	
38	C83621937100	COPPER WASHER - 12X16X1.5-CU-IS-3175	2	
39	C836220280A0	ELBOW	2	
40	C83622342500	SCREW PLUG - DIN 908 -M12X1.5	2	
46	C9100152	SCREW ALLEN -M10X25-12.9G IS:2269	8	
47	C84223293200	COVER-RD-150X17	1	
48	C836C2023000	SPACER SHIM DIN 988-170X210X0.5	1	

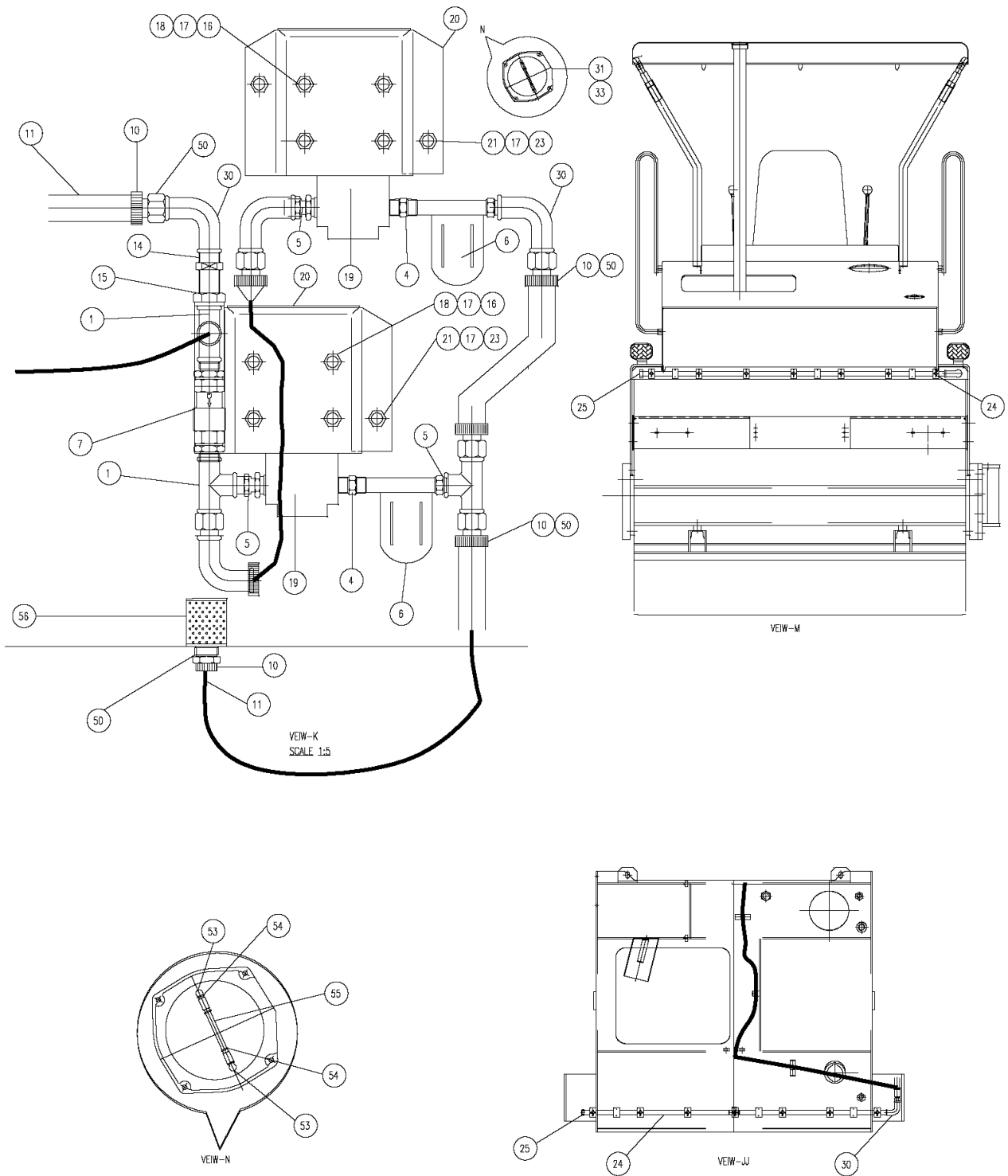
SCRAPPER ASSY



HD-85

		Scraper Assy		
S No	Part No	Description	Qty	Remarks
1	C7403337.A	Scraper Mtg Plate	4	
2	C9100283	Hex Screw	16	
3	C9100159	Punched Washer	16	
4	C836407941C0	Steel Flat	8	
5	C836C2012000	Scraper Support Plate	4	
6	C83646008700	Scraper	4	
7	C836407941C0	Steel Flat	4	
8	C9100071	Hexagon Head Bolt	28	
9	C9100040	Punched Washer	28	
10	C9100041	Prevailing Torque Type Nut	28	

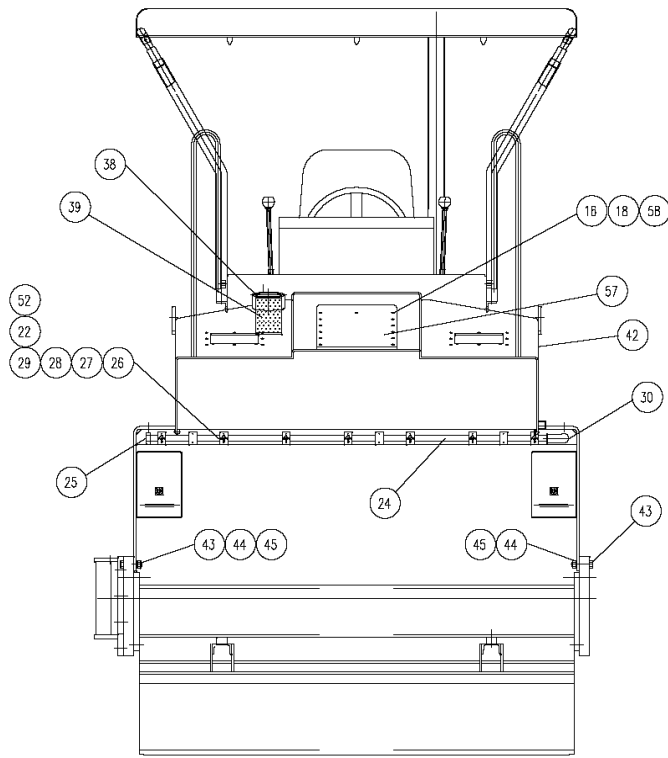
SPRINKLING SYSTEM



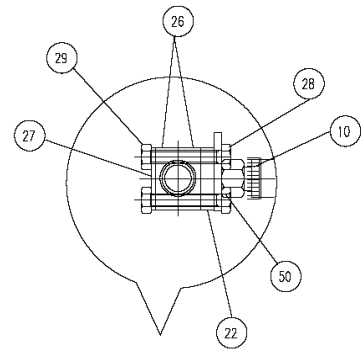
HD-85

		Sprinkling System		
S No	Part No	Description	Qty	Remarks
1	C836225606A0	T-Piece	3	
4	C836330507A0	Twin Nipple	2	
5	C836330493C0	Twin Nipple	4	
6	C83627409700	Water Filter	2	
7	C836A2004000	Reflux Valve	1	
8	C836452955B0	Support	1	
9	C9101060	Sealing Washer	12	
10	C83622578900	Hose Clamp	10	
11	C83610744100	Hose	5.5 M	
14	C83622920200	Threaded Nipple	1	
15	C83620503600	Counter Nut	1	
16	C9100167	Hexagon Head Screw	32	
17	C9100307	Prevailing Torque Type Nut	12	
18	C9100062	Punched Washer	36	
19	C7402422	Water Pump Assy	2	
20	C836447641D0	Hood	2	
21	22 98 22	Stud	4	
22	C7402423	Spacer Plate	6	
23	C83623135500	Washer Plain	4	
24	C7402441	Sprinkler Pipe Assy	2	
25	12 26 02	Cap	2	
26	C83631422600	Half Clip	12	
27	C83631402100	Cover Plate	6	
28	C9100204	Hexagon Head Bolt	12	
29	C9100306	Prevailing Torque Type Nut	12	
30	C836225665A0	Angle	6	
31	C836436631A0	Cover Assy	1	
32	C83657114800	Cover	2	
33	C83657647600	O Ring	3	
34	C836242675C0	Stud	12	
35	C9100040	Punched Washer 11 A Is:2016-1967-Steel	12	
36	C9100076	Hexagon Nut	12	
37	C9100041	Prevailing Torque Type Nut	12	
38	C83621124900	Tank Cap	1	
39	C836F3026A00	Strainer Nylon Typ	1	
40	C83622213500	Plug	1	
41	C836202142A0	O Ring	1	
42	C7400232	Water Tank Fab	1	
43	C9100245	Hexagon Head Bolt	4	
44	C9100092	Spring Lock Washer	4	
45	C9100094	Hexagon Nut	4	
46	C9100254	Hexagon Head Bolt	2	
47	C836452610B0	Liner	2	
48	C83640763100	Ball Socket	2	
49	C9101120	Spherical Washer	2	

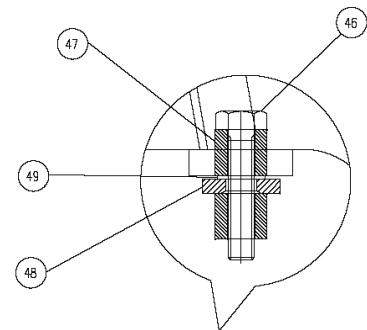
SPRINKLING SYSTEM



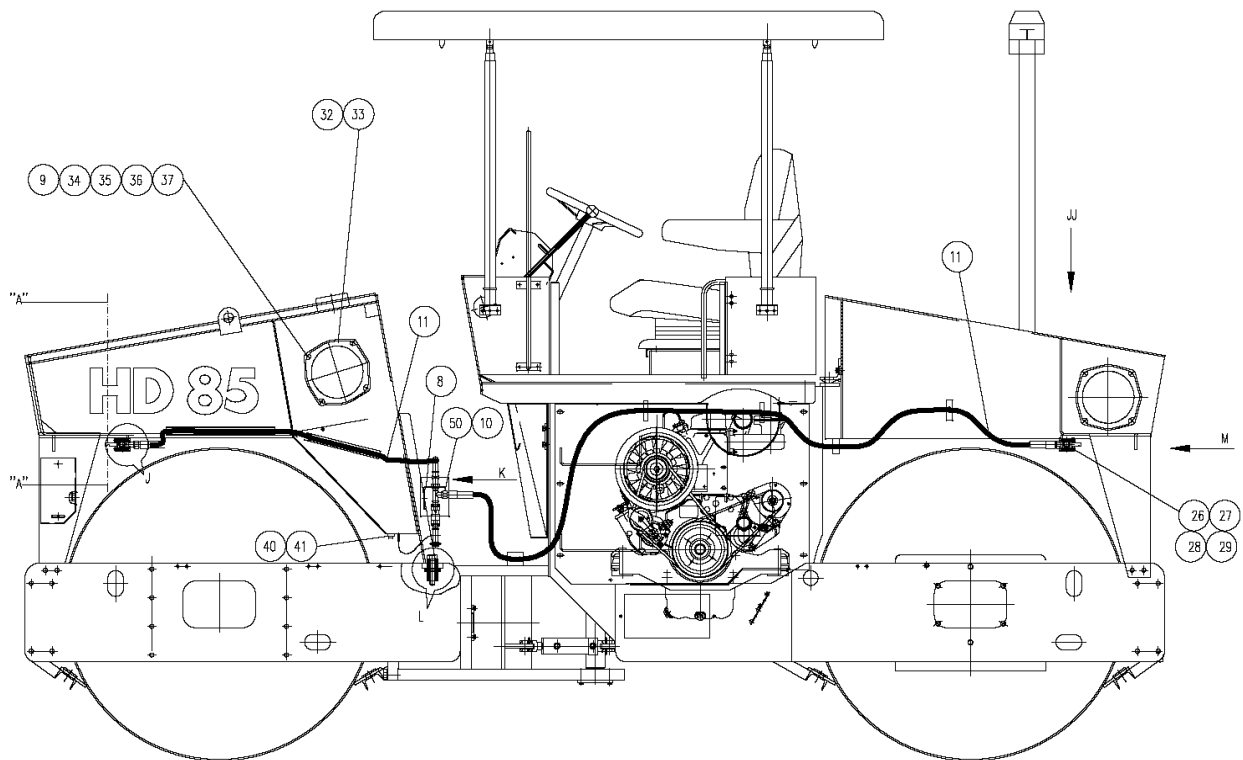
SECTION "A-A"



DETAIL-J



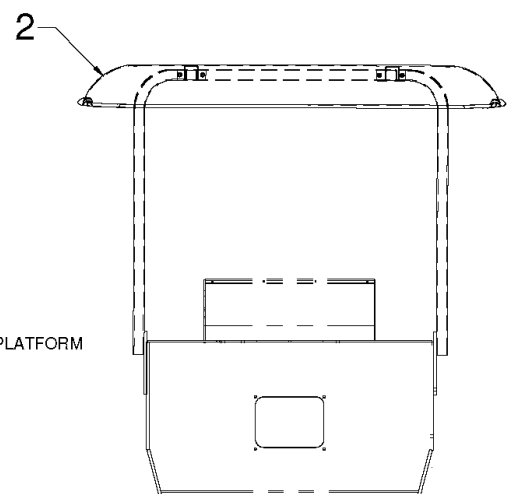
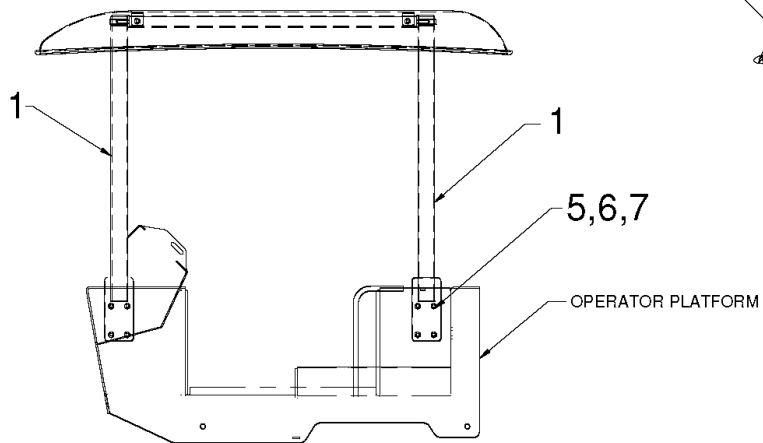
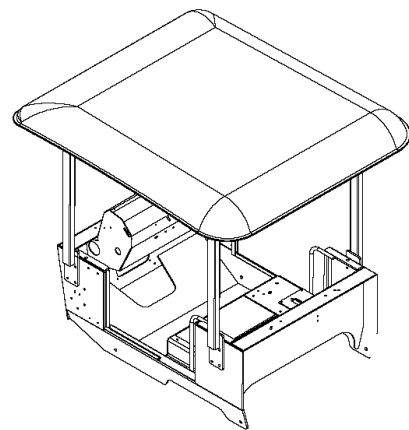
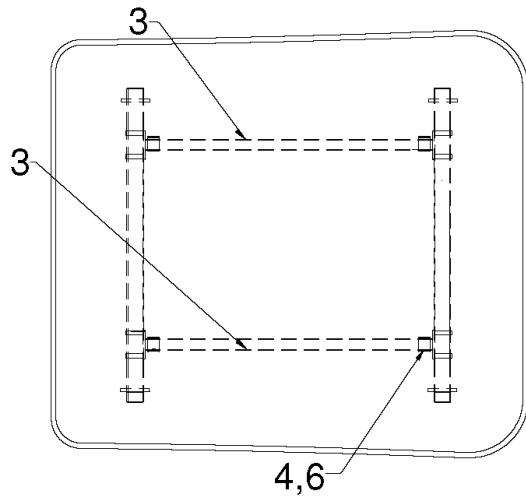
VIEW-L



HD-85

		Sprinkling System		
S No	Part No	Description	Qty	Remarks
50	C83626089400	Screwed Socket Refer	6	
53	C9100558	Pipe Union Bolt	2	
54	C9100557	Sealing Washer	4	
55	C836C2002000	Water Level Indicator Hose	1	
56	C8PP120000A0	Water Stainer	1	
57	C843C1067A00	Cover Plate	3	
58	C843C1160A00	Gasket	3	

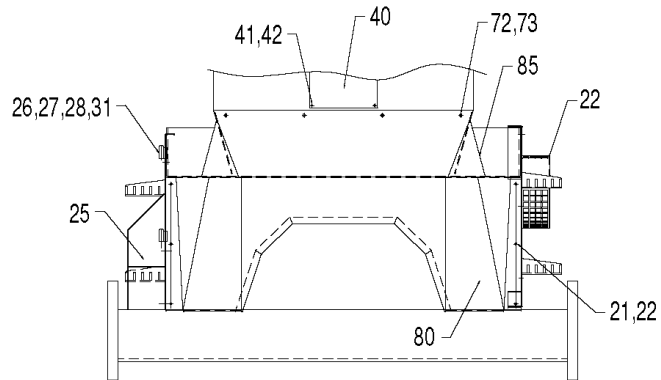
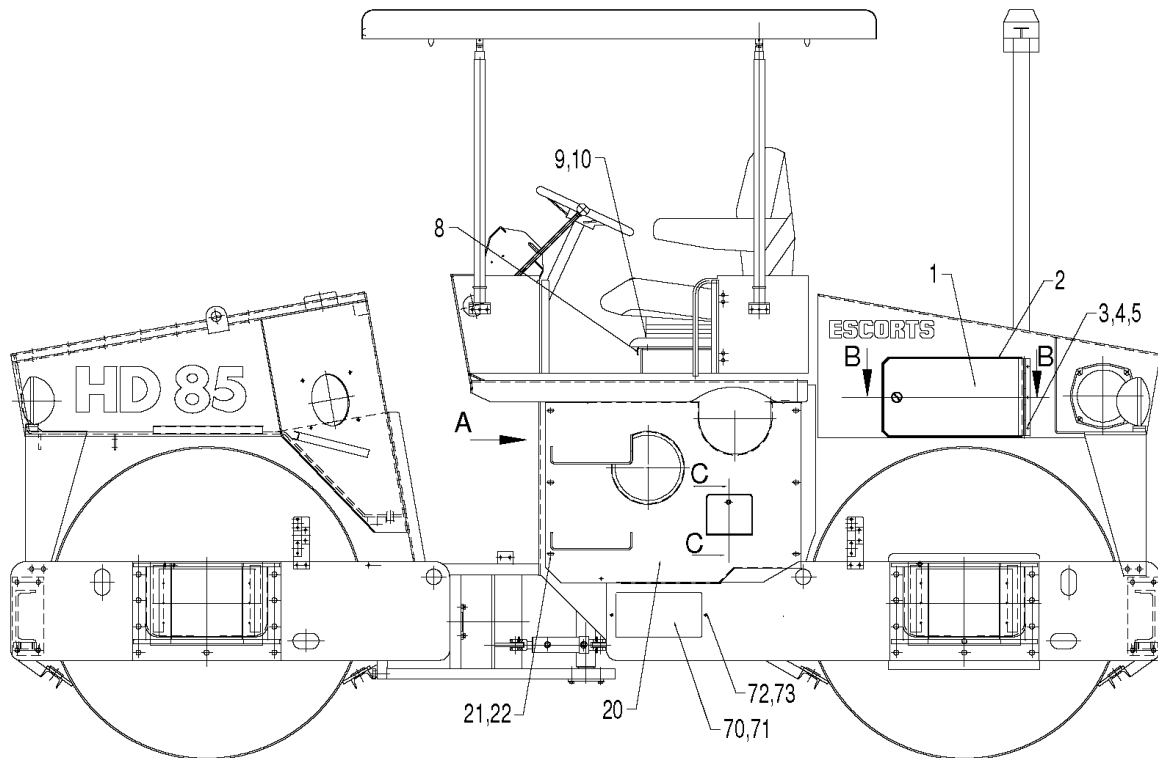
CANOPY ASSY (STD)



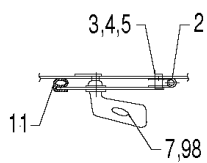
HD-85

		Canopy Assy (STD)		
S No	Part No	Description	Qty	Remarks
1	C836F1034000	Canopy Frame Fab	2	
2	C836C1091A00	Roof	1	
3	C836F1035000	Support	2	
4	C8MBH10C2120	Bolt Hex	4	
5	C8MBH10C2060	Bolt Hex	32	
6	C8MWP1000000	Washer Plain	28	
7	C8MNH10C2000	Nut Hex	16	

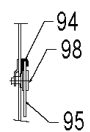
CANOPIES & COVERS (STD)



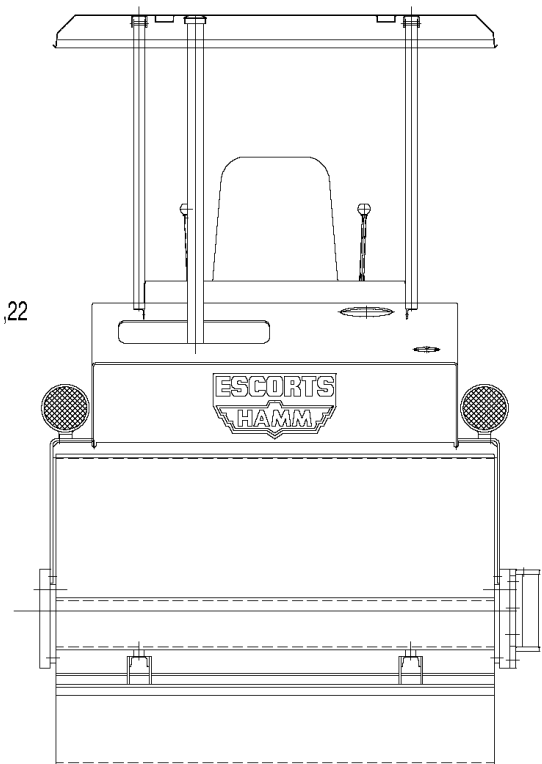
VIEW-'A'



SECTION-BB



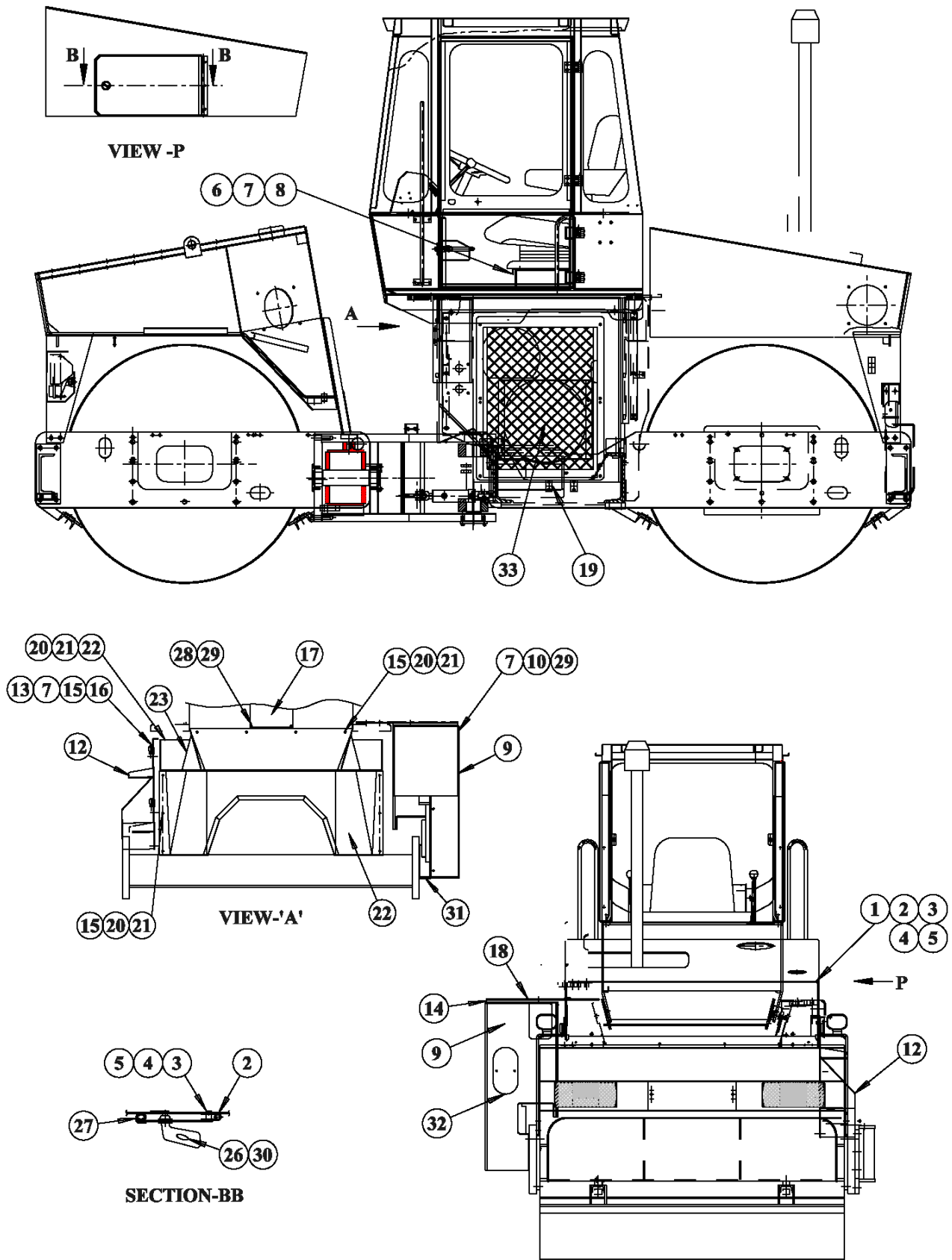
SECTION-CC



HD-85

		Canopies & Covers (STD)		
S No	Part No	Description	Qty	Remarks
1	C836F2014A00	Cover	1	
2	C836451622A0	Liner	1	
3	C8MSH06C2040	Screw Hex	3	
4	C8MWS0600000	Washer Spring	3	
5	C8MNH06C2000	Nut Hex	3	
7	C836C1007000	Lock	2	
8	C836C1092000	Plate	1	
9	C8MSH08C2040	Screw Hex	10	
10	C8MWP0800000	Washer Plain	6	
11	C8D202057000	Border(Gola)	1.4M	
20	C7401260	Cover-Bom	1	
21	C83623135500	Washer	13	
22	C8MSH08C2060	Screw Hex	13	
25	C7400079A	Cover-Bom	1	
26	C836775223A0	Hinge-Bom	2	
27	C8MSH08C2040	Screw Hex	7	
28	C83623135500	Washer	7	
31	00 45 23 51	Intermediate Ring	2	
40	C836441442A0	Cover	1	
41	C8MSH08C2030	Hex(Screw)	4	
42	C8MWP0800000	Washer	4	
70	C836829935C0	Step-Bom	1	
71	C836829943C0	Step-Bom	1	
72	C8MSH10C2040	Screw Hex.	8	
73	C8MWS1000000	Washer Spring	8	
80	01 44 19 06	Plate	1	
85	C836821977B0	Cover	1	
94	C83625022800	Edge Protection-Rpl	0.55M	
95	01 44 82 50	Plate	1	
98	C836C1008000	Key For Lock	1	

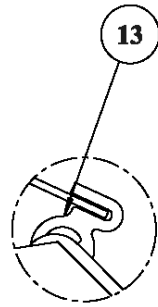
CANOPIES & COVERS (DGBR)



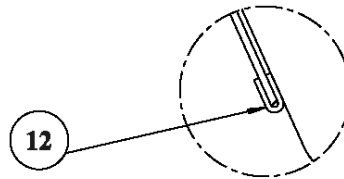
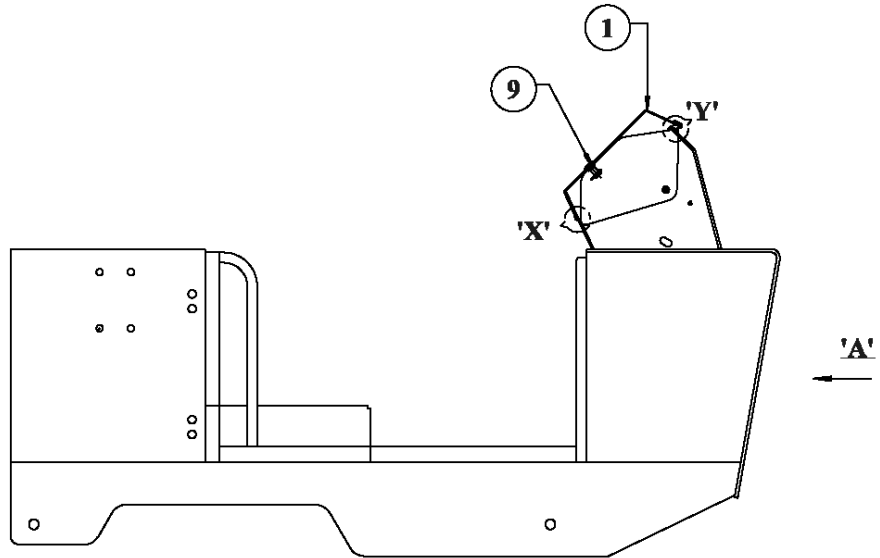
HD-85

		Canopies & Covers (DGBR)		
S No	Part No	Description	Qty	Remarks
1	C836F2014000	COVER	1	
2	C836F201400	LINER	1	
3	C9100486	HEXAGON HEAD SCREW	3	
4	C9100150	SPRING LOCK WASHER	3	
5	C9100072	HEXAGON NUT	3	
6	C83645178900	COVER	1	
7	C9100052	HEXAGON HEAD SCREW	24	
8	C9100364	WASHER	6	
9	C7402566	COVER LH ASSY	1	
10	C9100062	PUNCHED WASHER	18	
11	C9100207	HEXAGON HEAD BOLT	7	
12	C7400073	COVER-BOM	1	
13	C9100391	HINGE	2	
14	C7402410	RUBBER PAD	1	
15	C83623135500	WASHER	17	
16	C83626695700	INTERMEDIATE RING	2	
17	C836441442A0	COVER	1	
18	C7402655	LH PLATE ASSY	1	
19	C836829943C0	STEP-BOM	1	
20	C9100266	HEXAGON HEAD SCREW	17	
21	C9100044	SPRING LOCK WASHER	17	
22	C83644190600	PLATE	1	
23	C836821977B0	COVER-BOM	1	
24	C7402404	COVER PLATE	1	
25	C7401819	HANDLE FAB	1	
26	C836C1007000	LOCK	1	
27	C8D202057000	BORDER	1.4M	
28	C9100167	HEXAGON HEAD SCREW	4	
29	C9100046	SPRING LOCK WASHER	18	
30	C836C1008000	KEY FOR BATTERY BOX LOCK	1	
31	C7402542	COVER	1	
32	C7402552	COVER	1	
33	C7402563	OIL COOLER COVER	1	

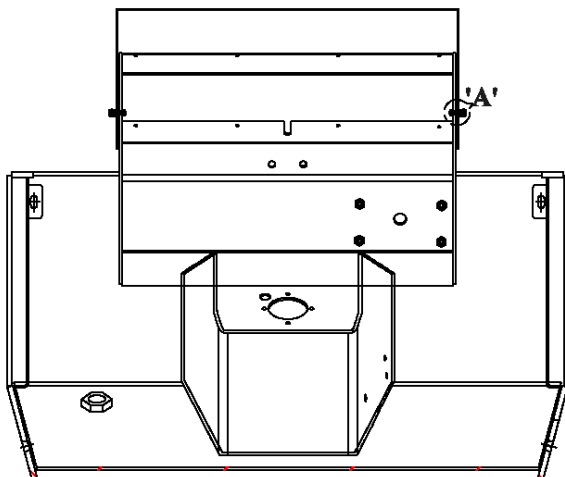
INSTRUMENT PANEL COVERS



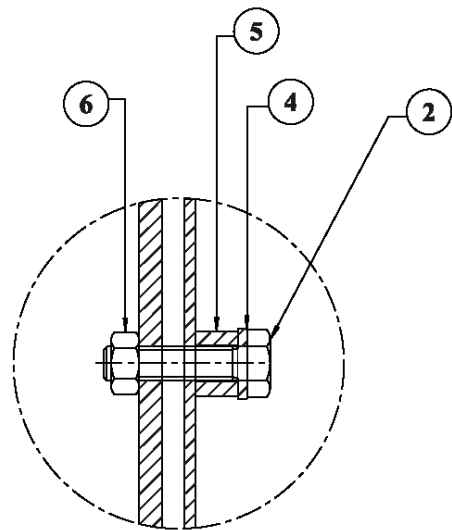
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VIEW 'X'



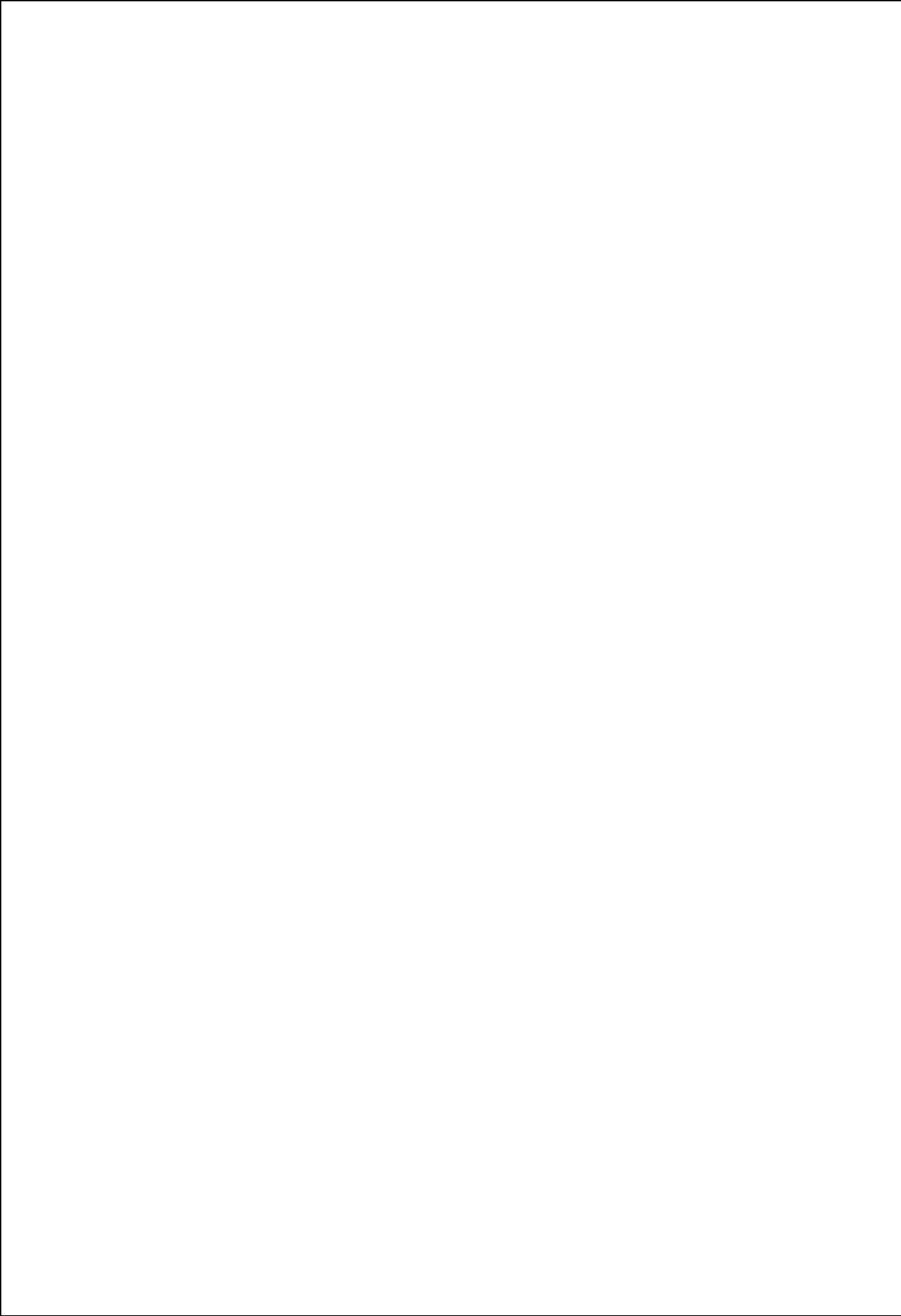
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VIEW 'A'

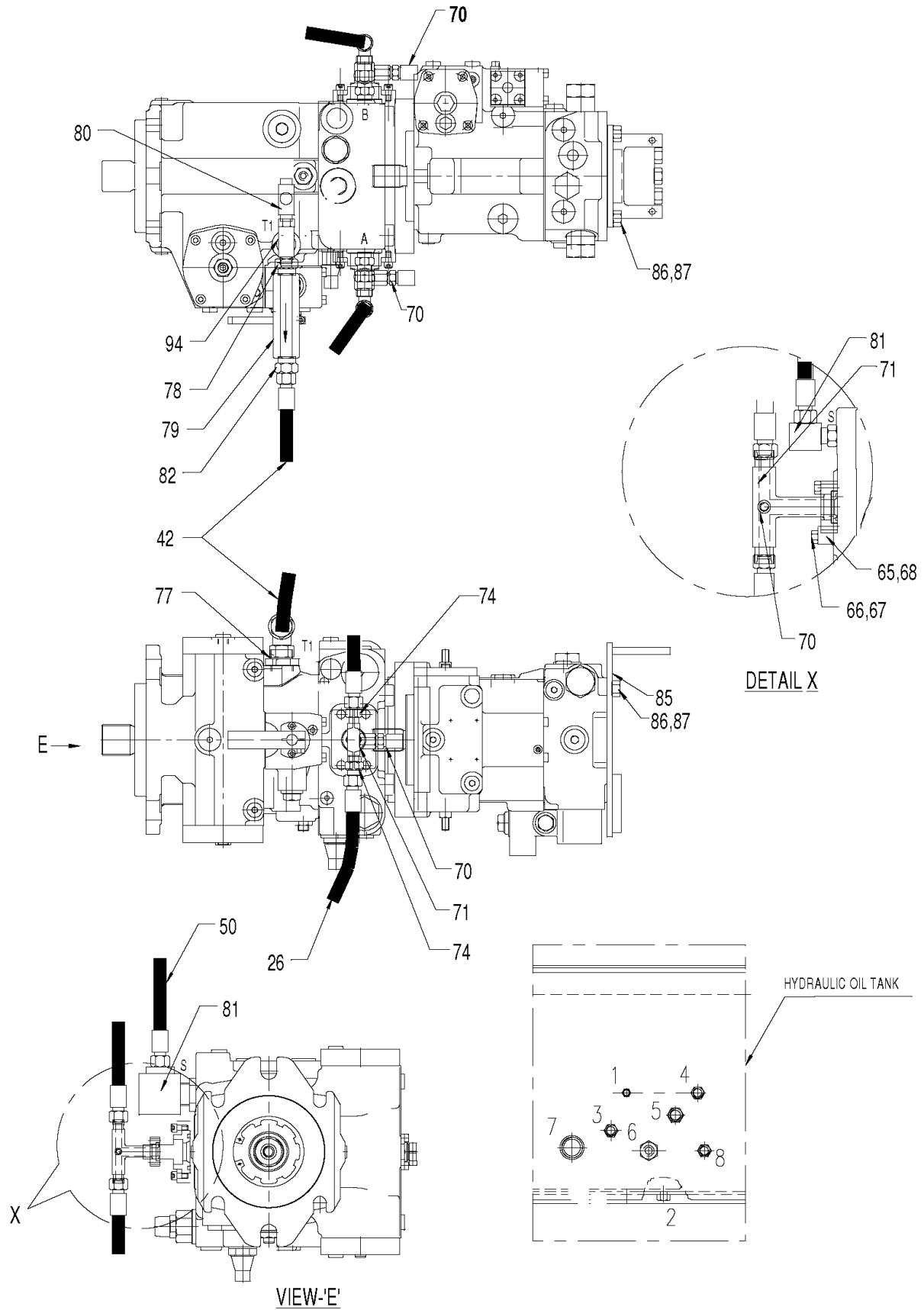
HD-85

		Instrument Panel Covers		
S No	Part No	Description	Qty	Remarks
1	C836787124A0	Cover	1	
2	C8MSH06C2053	Screw Hex.	2	
4	C8MWP0600003	Washer	2	
5	C836228583A0	Pvc-Bush	2	
6	C8MNH06C2003	Nut Hex.	2	
9	C836C1007000	Lock	1	
12	C83625022800	Edge Protection	0.61m	
13	C84227676600	Edge Protection	0.61m	
14	C8D202057000	Border	0.6	



HYDRAULICS

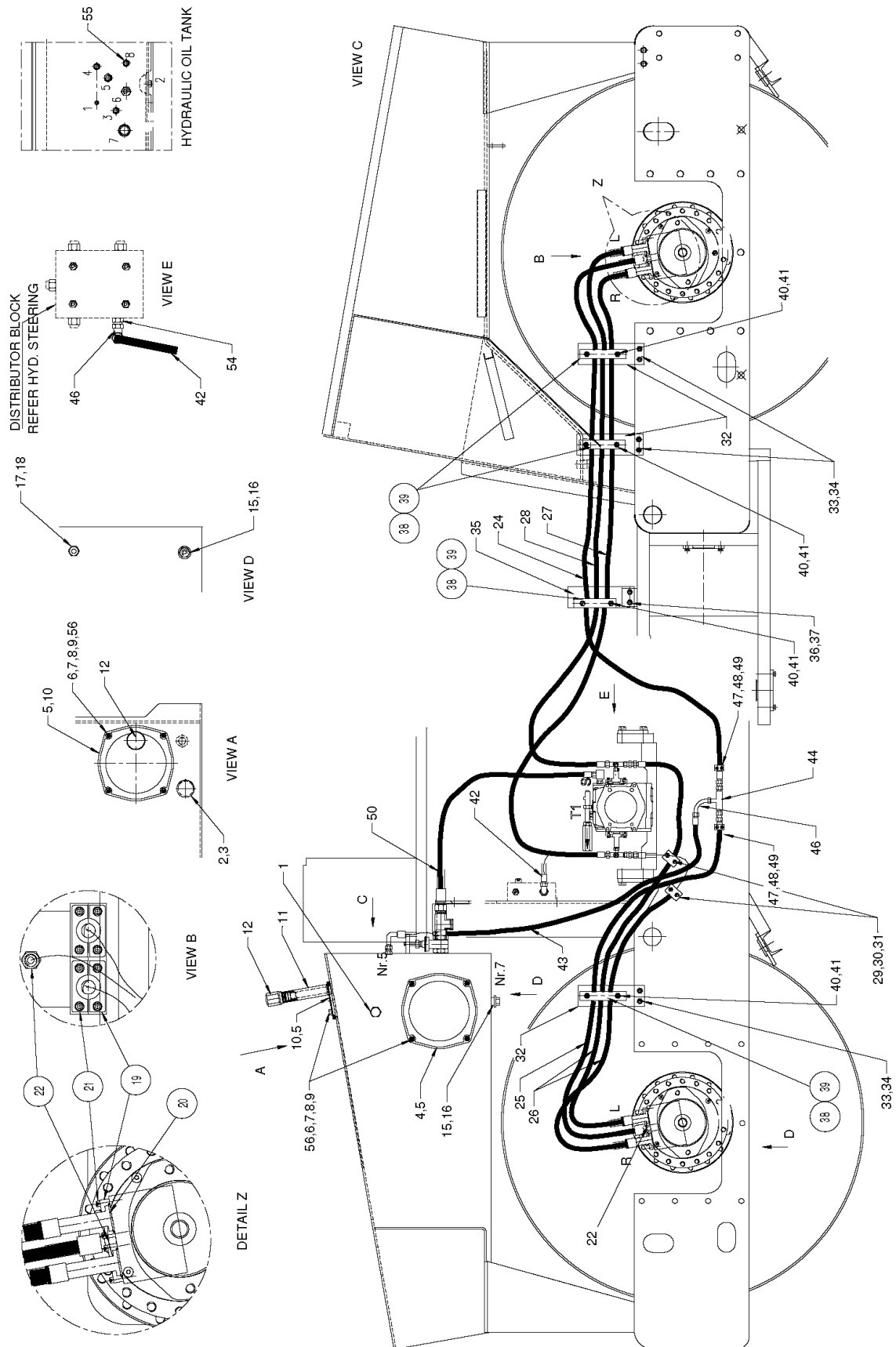
DRIVE HYDRAULICS (STD)



HD-85

		Drive Hydraulics (STD)		
S No	Part No	Description	Qty	Remarks
1	C8D922552000	OIL LEVEL GAUGE	1	
2	C83623139800	SCREW PLUG	1	
3	C83623398600	COPPER WASHER	1	
4	C83657114800	COVER	1	
5	C83657647600	ORING	2	
6	C836242675C0	STUD	8	
7	C8MNH10C2003	NUT HEX.	8	
8	C8MWP1000003	WASHER PLAIN	8	
9	C8MNN10C2000	NUT NYLOCK	8	
10	C83643078100	COVER	1	
11	C836453145B0	BUSHING	1	
12	C8D233327A00	BREATHER FILTER	1	
15	205842	SCREW PLUG	1	
16	219495	COPPER WASHER	1	
17	282308	OIL THERMOSENSOR	1	
18	219398	COPPER WASHER	1	
19	C836287199A0	SAEF LANGEHALF	8	
20	C83622851600	ORING	4	
21	C8IBA07C0120	BOLT ALLEN	16	
22	C8PP11092000	ADAPTOR	2	
24	C83636943800	HOSE	1	
25	C83631258400	HOSE	1	
26	C8HN45162000	HOSE	2	
27	C8HN45163500	HOSE	1	
28	C8HN45163050	HOSE	1	
29	C83631396300	HALF CLIP	4	
30	C83631404800	COVER PLATE	2	
31	C8MBH06C2093	BOLT HEX.	4	
32	C836C4080A00	SUPPORT PLATE	3	
33	C8MBH10C2123	HEX BOLT	6	
34	C8MNN10C2000	NUT NYLOCK	6	
35	CC836C4036B00	SUPPORT	1	
36	C8MSH10C3073	SCREW HEX.	2	
37	C8MNN10C2000	NUT NYLOCK	2	
38	C842484970A0	HALF-CLIP	8	
39	C842484962B0	FLAT STEEL	4	
40	C8MBH10C2130	HEX BOLT	2	
	C8MBH10C2140	HEX BOLT	6	
41	C8MNN10C2000	Z	2	
	C8MNN10C2000	NUT HEX-NYLOC	6	
42	C8HC31200550	HOSE	1	
43	C83627398800	HOSE	1	
44	C836M4004000	T-FITTING (HOSEENDS)	1	
46	317853	SWIVEL ELBOW	2	
47	C83631424200	HALF CLIP	4	

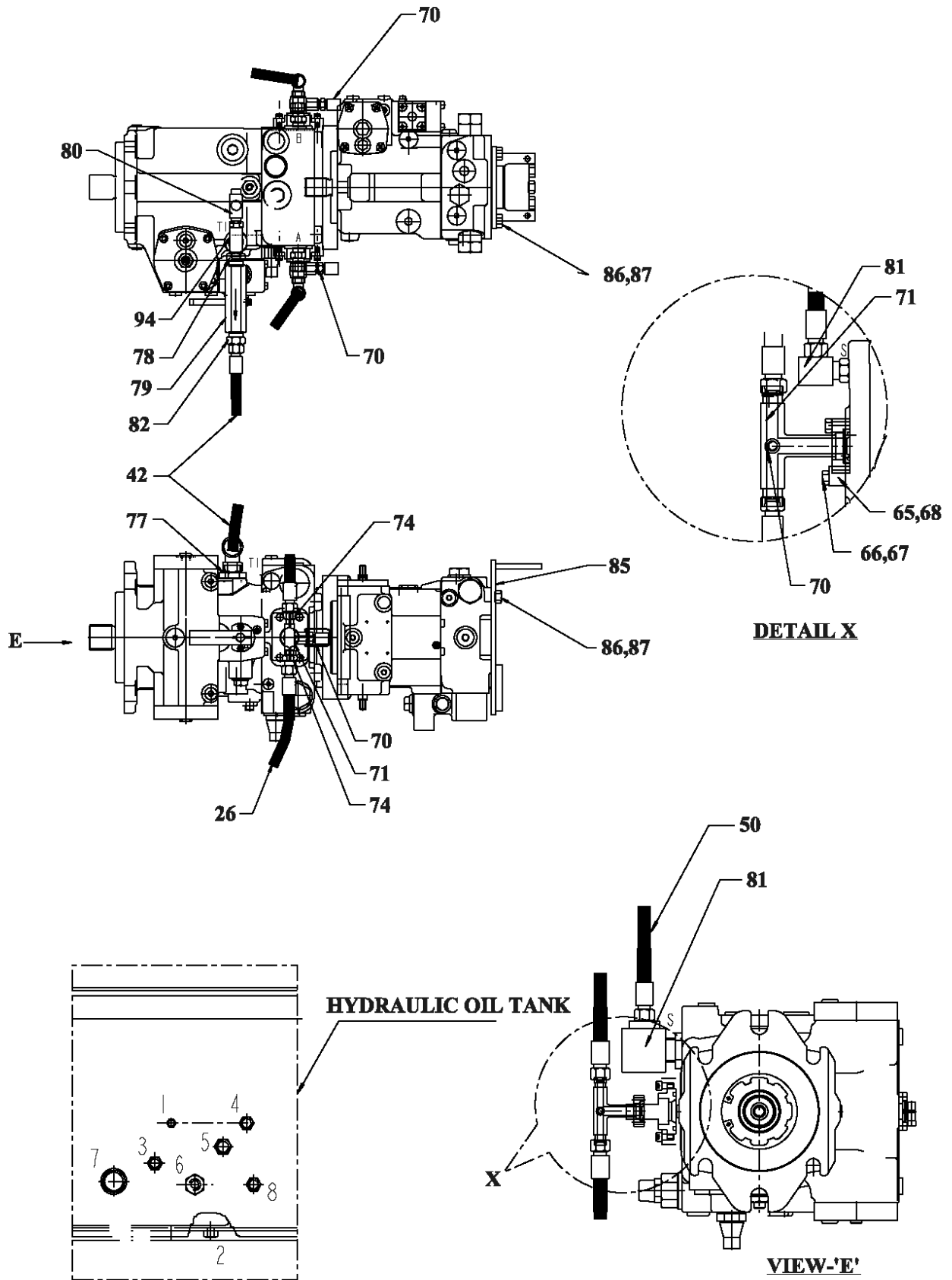
DRIVE HYDRAULICS (STD)



HD-85

		Drive Hydraulics (STD)		
S No	Part No	Description	Qty	Remarks
48	C83631402100	COVERPLATE	2	
49	C8MBH06C2080	BOLTHEX.	4	
50	C8HC31320760	HOSE	1	
54	C8PP11098000	ST.MALESTUDFITTING	1	
55	C8PP11316000	BLANKINGPLUG	1	
56	219355	GASKETRING	8	
65	C836287199A0	SAE-FLANGEHALF	4	
66	C8MBH12C3080	HEXBOLT	8	
67	00 21 68 28	SPRINGRING	8	
68	C83622851600	O-RING	2	
70	C8PP10364000	MINIMASSCOUPLING	2	
71	C836C4050A00	T-PIECE	2	
77	00 31 57 02	STRAIGHTSCREWEDSOCKET	1	
78	C8PP11212000	STANDPIPECONNECTOR	1	
79	C8PP11220000	NONRETURNVALVE	1	
80	00 35 06 21	SWIVELRUNTEEFITTING	1	
81	C836C4068000	ADJUSTABLELOCKNUTELBOW	1	
82	C8PP11277000	ST.MALESTUDCOUPLING	1	
85	36-F-4-008	SCAVENGINGVALVEBRACKET	1	
86	C8MSH10C2030	HEXSCREW	4	
87	C8MWS1010000	SPRINGWASHER	4	
94	328251	SWIVELNUTBRANCHTEE	1	

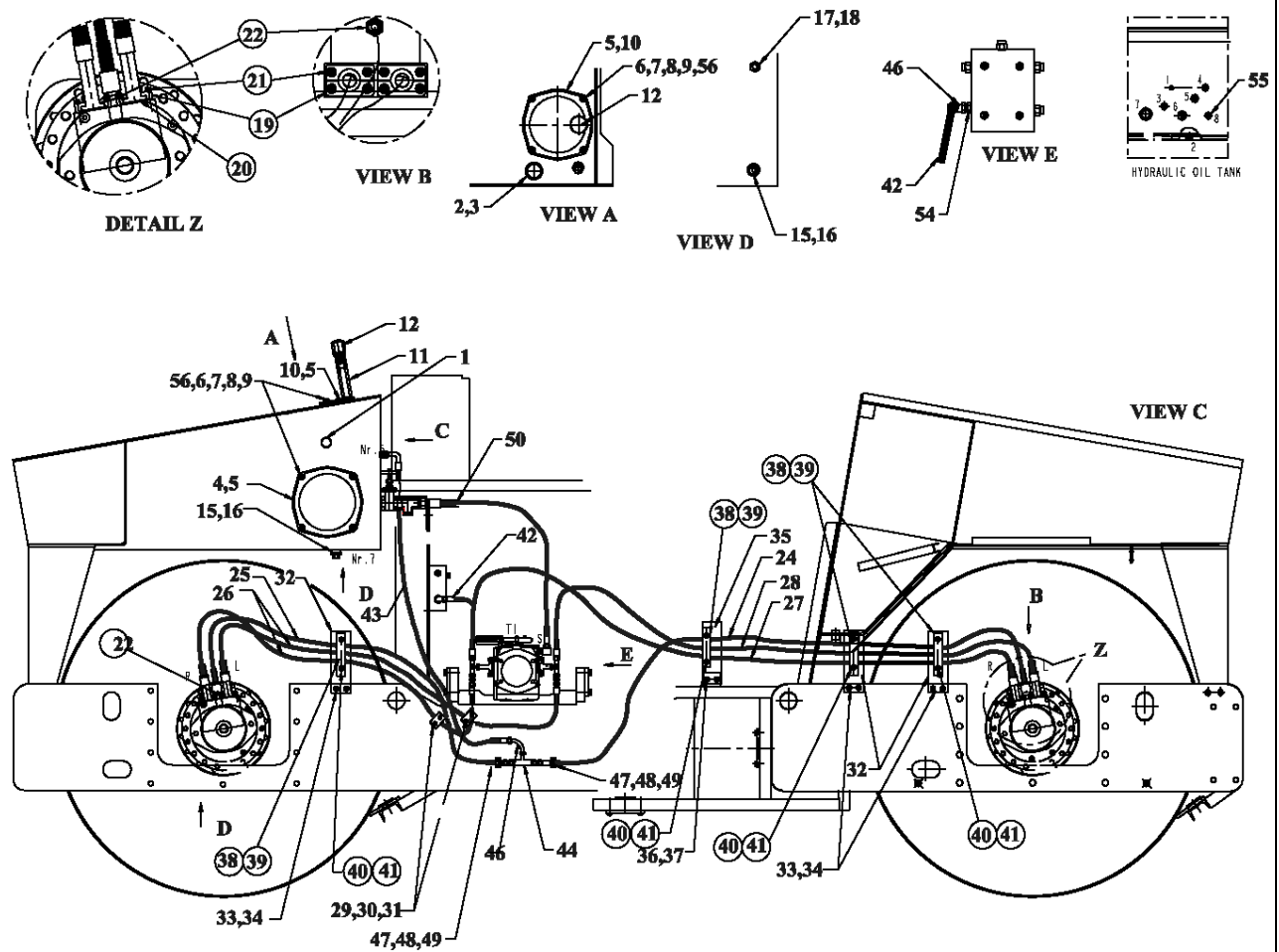
DRIVE HYDRAULICS (DGBR)



HD-85

		Drive Hydraulics (DGBR)		
S No	Part No	Description	Qty	Remarks
1	C8D922552000	Oil Level Gauge	1	
2	C9100365	Screw Plug	1	
3	C83623398600	Copper Washer	1	
4	C83657114800	Cover	1	
5	C83657647600	O Ring	2	
6	C836242675C0	Stud	8	
7	C9100076	Hexagon Nut	8	
8	C9100040	Punched Washer	8	
9	C9100041	Prevailing Torque Type Nut	8	
10	C83643078100	Cover	1	
11	C836453145B0	Bushing	1	
12	C8D233327A00	Breather Filter	1	
15	C9100357	Screw Plug	1	
16	C83621949500	Copper Washer	1	
17	C83628230808	Oil Thermosensor	1	
18	C83621939800	Copper Washer	1	
19	C836287199A0	Sae Flange Half	8	
20	C83622851600	O Ring	4	
21	C8IBA07C0120	Bolt Allen	16	
22	C8PP11092000	Adaptor	2	
24	C83636943800	Hose	1	
25	C83631258400	Hose	1	
26	C8HN45162000	Hose	2	
27	C8HN45163500	Hose	1	
28	C8HN45163050	Hose	1	
29	C83631396300	Half Clip	4	
30	C83631404800	Cover Plate	2	
31	C9100203	Hexagon Head Bolt	4	
32	C836C4080A0	Support Plate	3	
33	C9100218	Hexagon Head Bolt	6	
34	C9100041	Prevailing Torque Type Nut	6	
35	C836C4036B00	Support	1	
36	C9100621	Hexagon Head Screw	2	
37	C9100041	Prevailing Torque Type Nut	2	
38	C842484970A0	Half-Clip	8	
39	C842484962B0	Flat Steel	4	
40	C9100271	Hexagon Head Screw	8	
41	C9100041	Prevailing Torque Type Nut	8	
42	C8HC31200550	Hose	1	
43	C83627398800	Hose	1	
44	C836M4004000	T-Fitting	1	
46	8.36318E+11	Swivel Elbow	2	
47	C83631424200	Half Clip	4	
48	C83631402100	Cover Plate	2	
49	C9100202	Hexagon Head Bolt	4	

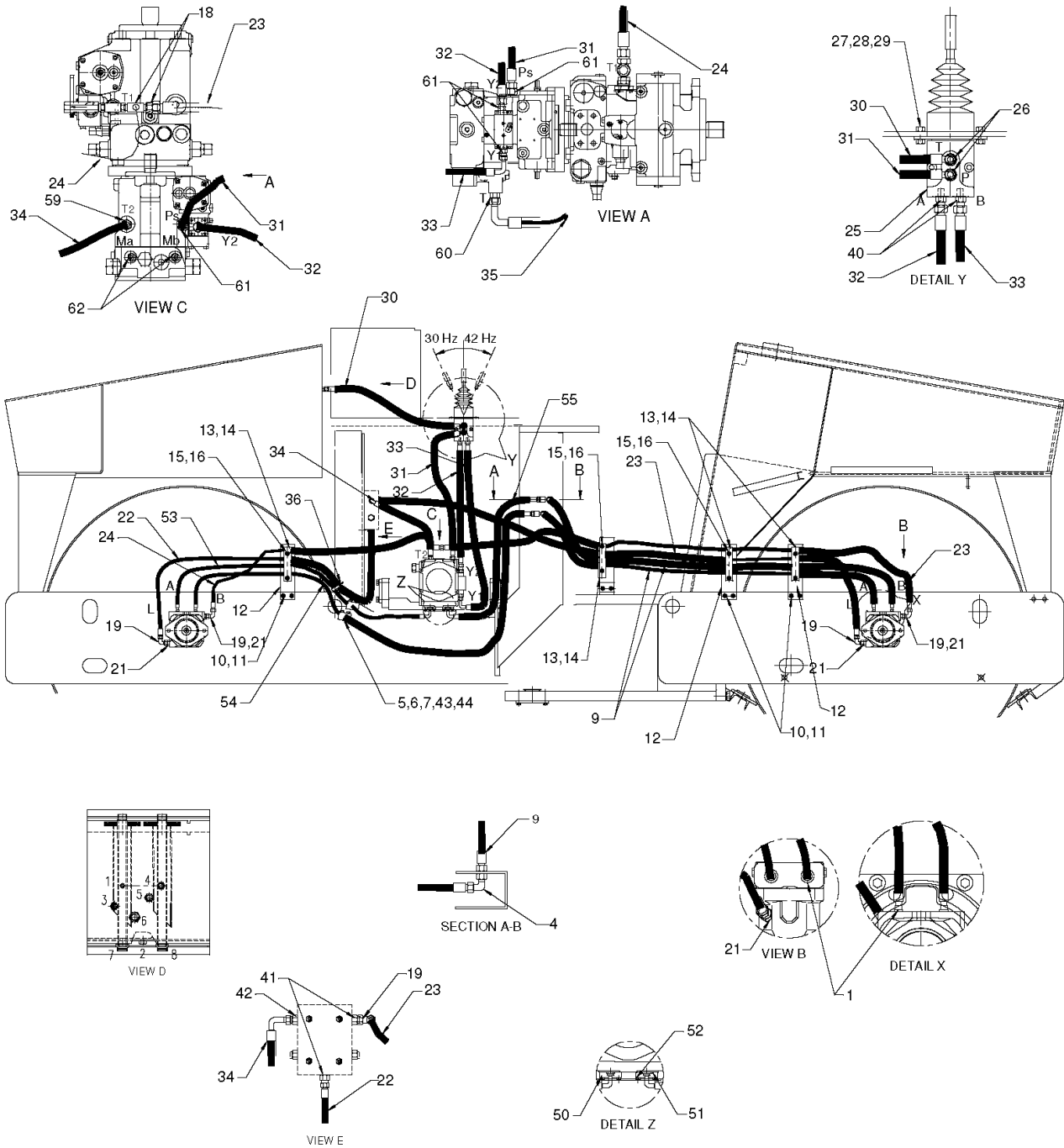
DRIVE HYDRAULICS (DGBR)



HD-85

		Drive Hydraulics (DGBR)		
S No	Part No	Description	Qty	Remarks
50	C8HC31320760	Hose	1	
54	C8PP11098000	St. Male Stud Fitting	1	
55	C8PP11316000	Blanking Plug	1	
56	C83621935500	Gasket Ring	8	
65	C836287199A0	Sae-Flange Half	4	
66	C9100233	Hexagon Head Bolt	8	
67	C9100088	Spring Lock Washer	8	
68	C83622851600	O-Ring	2	
70	C8PP10364000	Minimass Coupling	2	
71	C836C4050A00	Sae End Fitting Block	2	
77	C9100369	Straight Screwed Socket	1	
78	C8PP11212000	Standpipe Connector	1	
79	C8PP11220000	Non Return Valve	1	
80	C9100385	Swivel Run Tee Fitting	1	
81	C836C4068000	Adjustable Lock Nut Elbow	1	
82	C8PP11277000	St. Male Stud Coupling	1	
85	C7402657	Valve Bkt	1	
86	C9100191	Hexagon Head Screw	4	
87	C9100044	Spring Lock Washer	4	
94	328251	Swivel Nut Branch Tee	1	

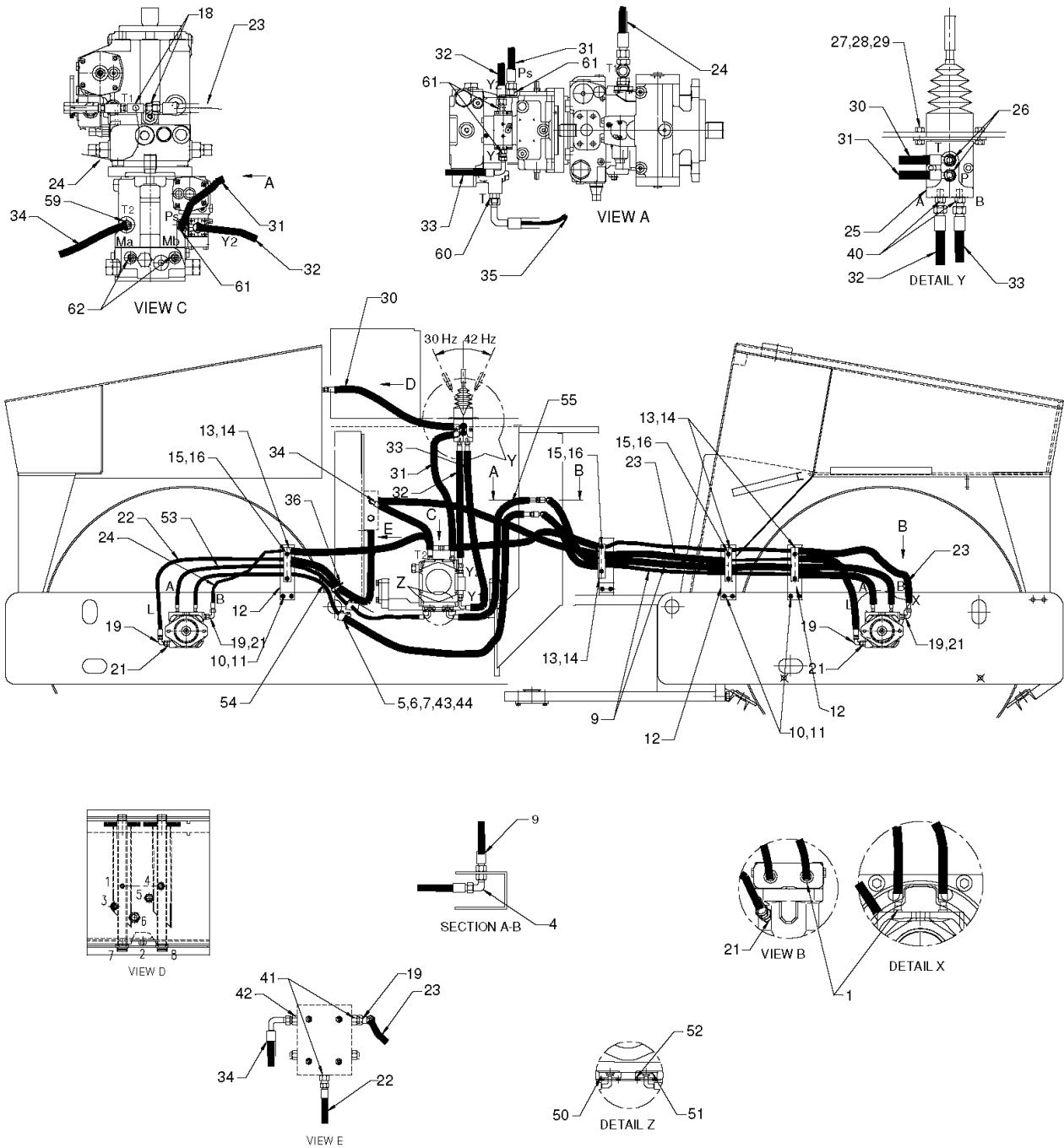
VIBRATION DRIVE (STD)



HD-85

		Vibration Drive (STD)		
S No	Part No	Description	Qty	Remarks
1	36M2007	Adaptor	4	
4	C8PP112300A0	Bulk Head Elbow	2	
5	C8PP11231000	Half Clip	8	
6	C8PP11165000	Cover Plate	4	
7	C8MBH06C2150	Bolt Hex.	8	
9	C8HA45203050	Hose	2	
10	C8MNN10C2000	Nut Nylock	6	
11	C8MBH10C2120	Bolt Hex.	6	
12	C836C4038C00	Support	3	
13	C836C4037B00	Half-Clip	16	
14	C836C4039A00	Flat Steel	8	
15	C8MBH10C2130	Hex Bolt	16	
16	C8MNN10C2000	Nut Hex-Nyloc	16	
18	317667	Reducing Socket	2	
19	C84231784500	Swivel Elbow	5	
21	C8PP11092000	Adaptor	4	
22	C8HA31162750	Hose	1	
23	C83635044300	Hose	2	
24	C83636943800	Hose	1	
25	C8PP11378008	Valve (Rexroth)	1	
26	C8PP11088000	Male Stud Coupling	2	
27	C8MSH08C2050	Screw Hex.	2	
28	C8MWP0800000	Washer Plain	2	
29	C8MNN08C2000	Nut Nylock	2	
30	C8HC31080700	Hose	1	
31	C8HC31080750	Hose	1	
32	C8HA31080850	Hose	1	
33	C8HC31081000	Hose	1	
34	C8HC31200450	Hose	1	
35	C8HC31161300	Hose	1	
36	C8F004708600	Cable Binding Tie	30	
37	C83631422600	Half Clip	2	
38	C83631402100	Cover Plate	1	
39	C8MBH06C2080	Bolt Hex.	2	
40	C8D557581000	Straight Hex Adapter	2	
41	C8PP11198000	Male Stud Coupling	2	
42	C8PP11098000	St. Male Std Fitting	1	
43	C8MNH06C2000	Nut Hex	8	
44	C8MWP0600000	Washer Plain	8	
50	C836267457A0	Sae-Flange Half	4	
51	C83626746500	O-Ring	2	
52	C8MSA10C0070	Screw Allen	8	
53	C8HG45202750	Hose	1	
54	C8HA45203500	Hose	1	
55	C8HG45200800	Hose	1	

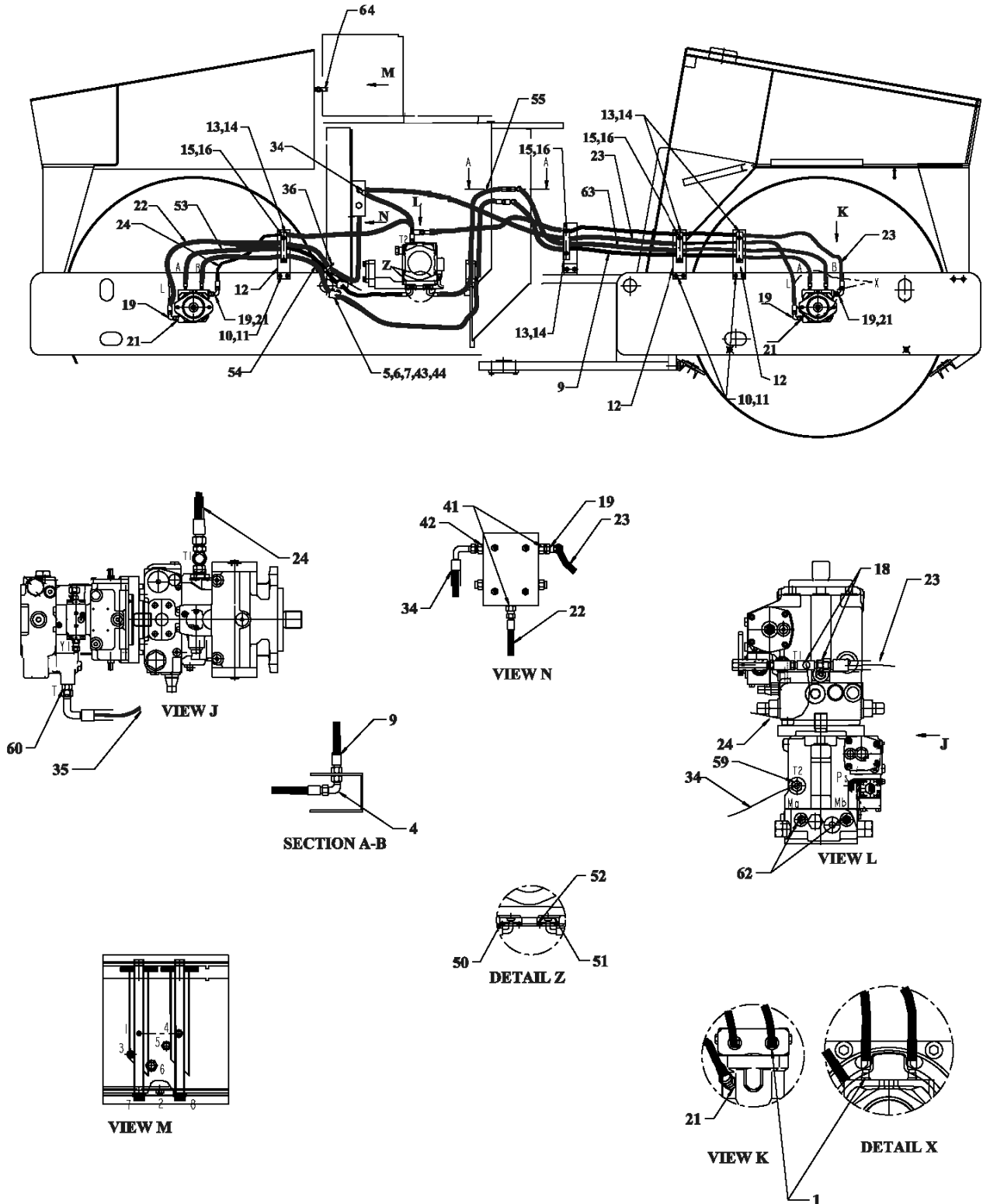
VIBRATION DRIVE (STD)



HD-85

		Vibration Drive (STD)		
S No	Part No	Description	Qty	Remarks
56	C8PP11231000	Half Clip	8	
57	C8PP11165000	Cover Plate	4	
58	C8MBH06C2120	Bolt Hex.	8	
59	00 32 78 32	Straight Screwed Socket	1	
60	C8PP11200000	Straight Screwed Socket	1	
61	00 32 22 61	Straight Screwed Socket	3	
62	C8PP10363000	Minimass Coupling	2	

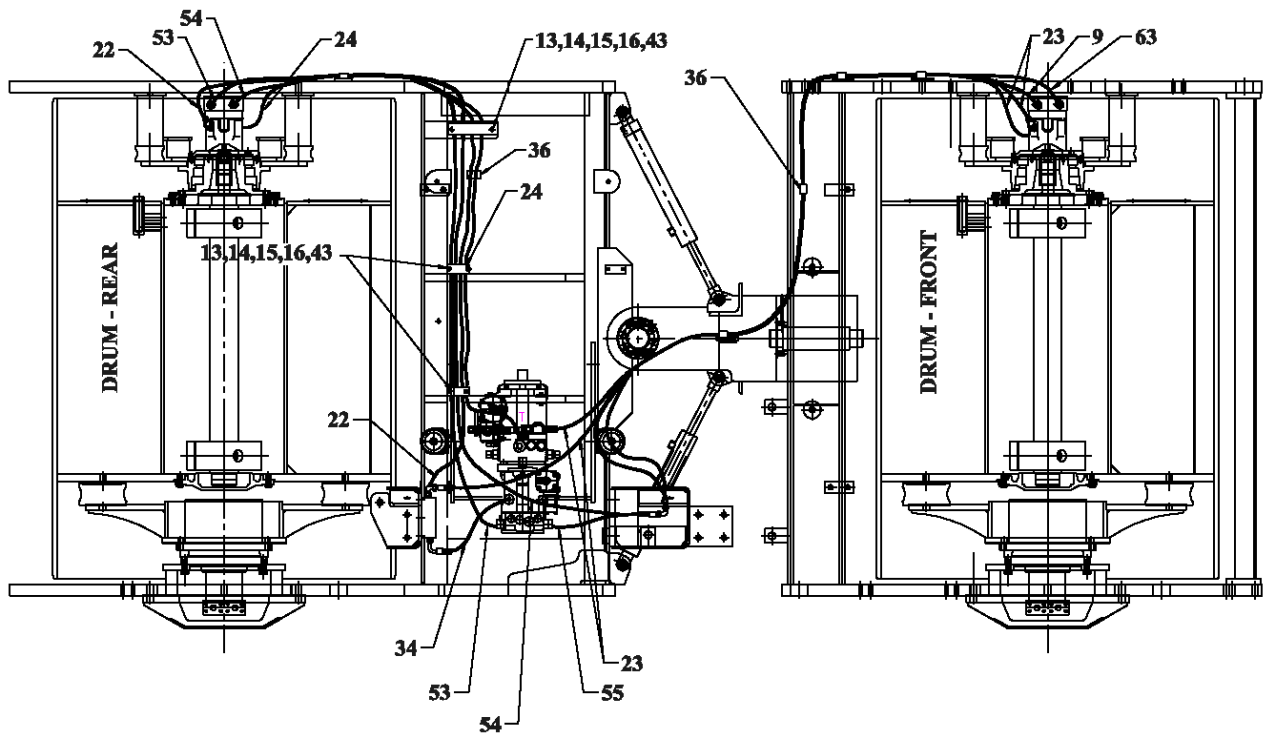
VIBRATION HYDRAULICS (DGBR)



HD-85

		Vibration Hydraulics (DGBR)		
S No	Part No	Description	Qty	Remarks
1	C836M2007000	Adaptor	4	
4	C9100470	Bulk Head Elbow	2	
5	C8PP11231000	Half Clip	8	
6	C8PP11165000	Cover Plate	4	
7	C9100204	Hexagon Head Bolt	8	
9	C8HA45203050	Hose	1	
10	C9100041	Prevailing Torque Type Nut	6	
11	C9100218	Hexagon Head Bolt	6	
12	C836C4038C00	Support	3	
13	C836C4037B00	Half-Clip	16	
14	C836C4039A00	Flat Steel	8	
15	C9100071	Hexagon Head Bolt	16	
16	C9100041	Prevailing Torque Type Nut	16	
18	C9100374	Reducing Socket	2	
19	C84231784500	Swivel Elbow	5	
21	C8PP11092000	Adaptor	4	
22	C8HA31162750	Hose	1	
23	C83635044300	Hose	2	
24	C83636943800	Hose	1	
34	C8HC31200450	Hose	1	
35	C8HC31161300	Hose	1	
36	C8F004708600	Cable Binding Tie	30	
37	C83631422600	Half Clip	2	
38	C83631402100	Cover Plate	1	
39	C9100202	Hexagon Head Bolt	2	
41	C8PP11198000	Male Stud Coupling	2	
42	C8PP11098000	St. Male Std Fitting	1	
43	C9100072	Hexagon Nut	8	
44	C9100073	Punched Washer	8	
42	C8PP11098000	St. Male Std Fitting	1	
43	C9100072	Hexagon Nut	8	
44	C9100073	Punched Washer	8	
50	C836267457A0	Sae-Flange Half	4	
51	C83626746500	O-Ring	2	
52	C9100190	Hex Socket Head Cap Screw	8	
53	C8HG45202750	Hose	1	
54	C8HA45203500	Hose	1	
55	C8HG45200800	Hose	1	
56	C8PP11231000	Half Clip	8	
57	C8PP11165000	Cover Plate	4	
58	C9100204	Hexagon Head Bolt	8	
59	C9100381	Straight Screwed Socket	1	
60	C8PP11200000	Straight Screwed Socket	1	

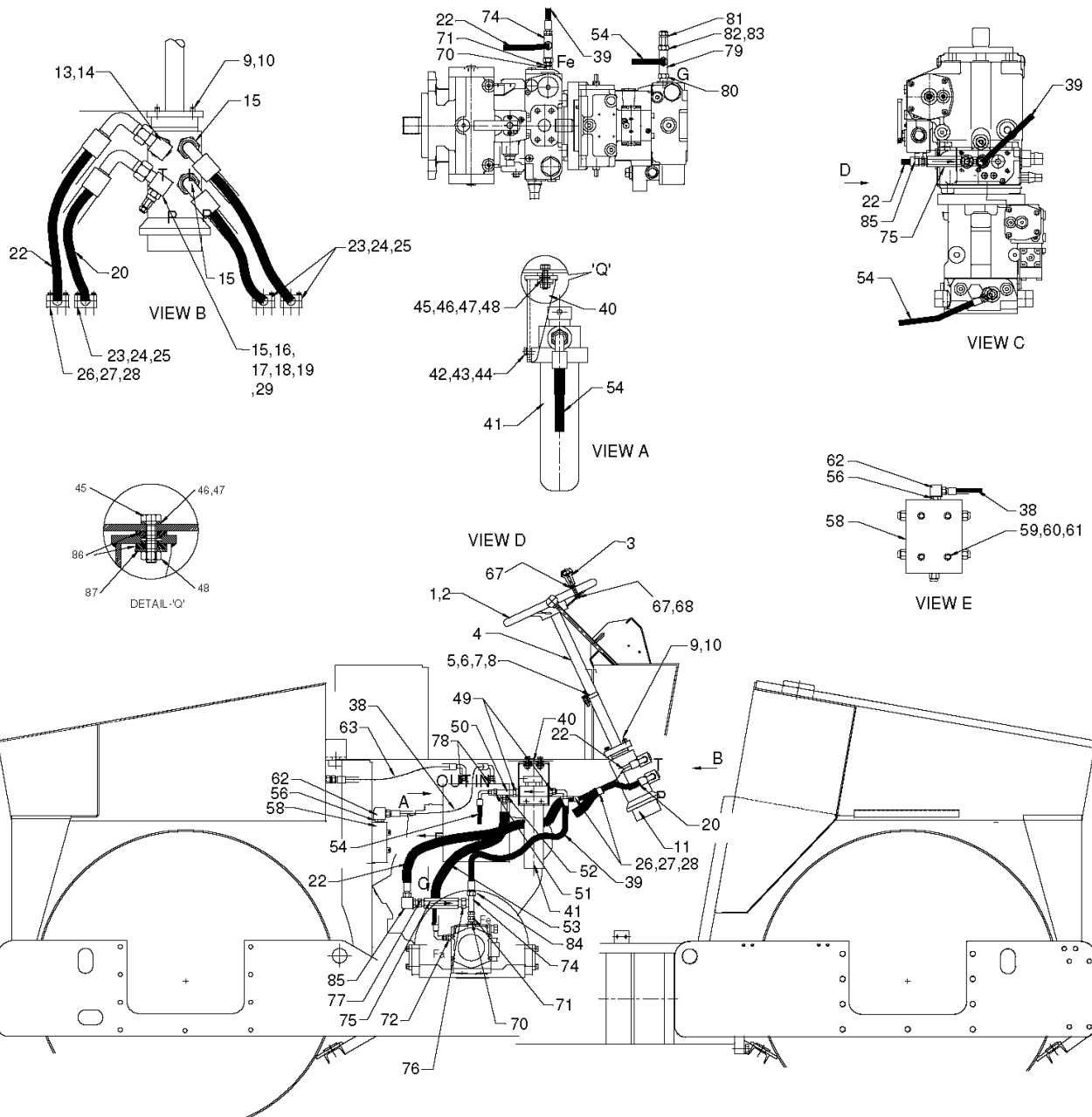
VIBRATION HYDRAULICS (DGBR)



HD-85

		Vibration Hydraulics (DGBR)		
S No	Part No	Description	Qty	Remarks
62	C8PP10363000	Minimass Coupling	2	
63	C7402403	Hyd. Hose	1	
64	C7404056	Blanking Pluge	1	

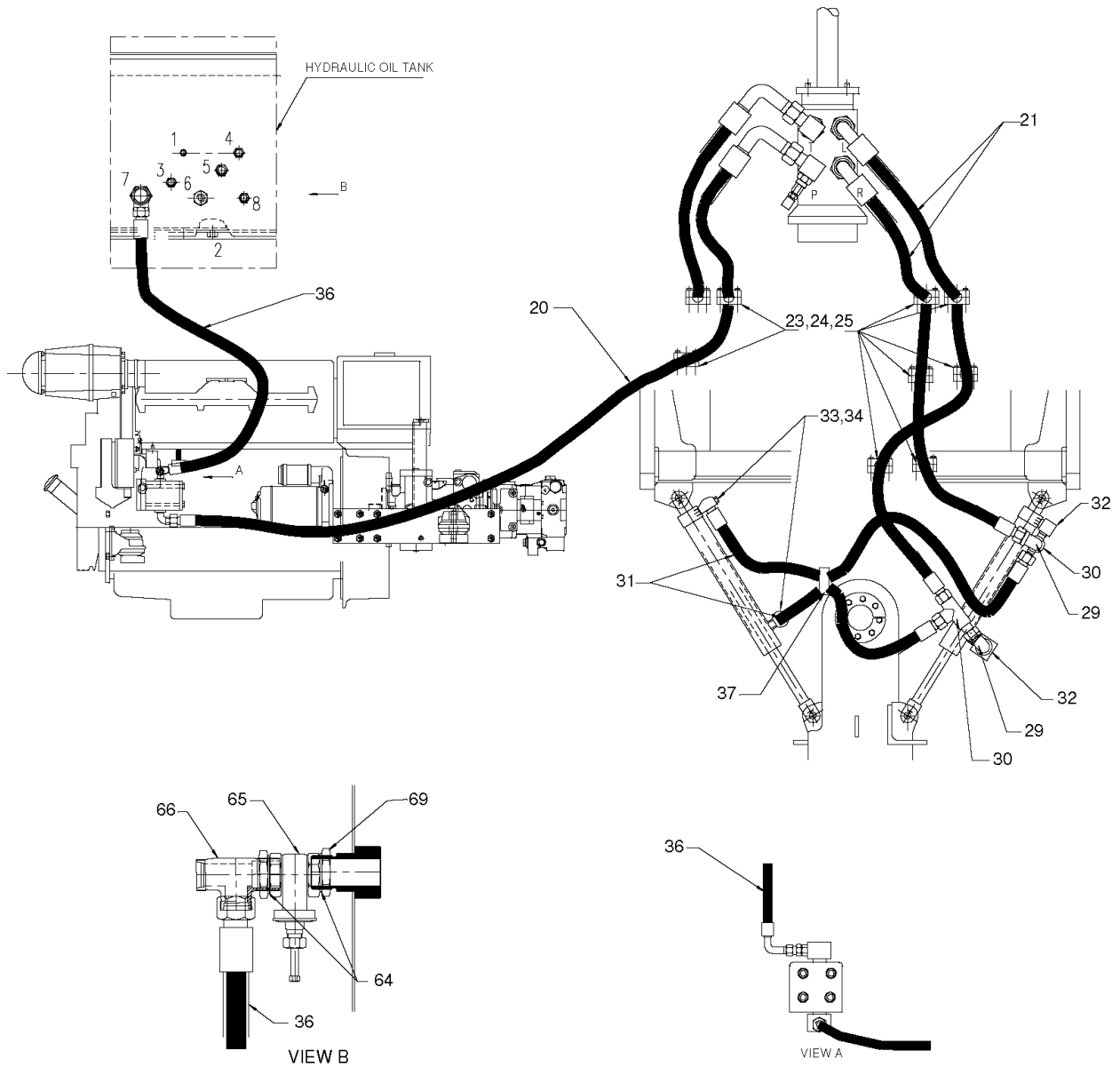
HYDRAULIC STEERING (STD)



HD-85

		Hydraulic Steering (STD)		
S No	Part No	Description	Qty	Remarks
1	C83635836300	Stg. Wheel	1	
2	35 83 71	Cover	1	
3	C836A4001A00	Turning Handle Assy	1	
4	C8PP11749000	Steering Column	1	
5	C83634178900	U- Bolt	1	
6	C8MNN10C2000	Nut Nylock	8	
7	C8MWP1000000	Washer Plain	4	
8	C836C4051000	Rubber Strip	1	
9	C8MSA10C0060	Screw Allen	10	
10	C8MWS1000000	Washer Spring	4	
11	C8PP11748000	Steering Unit	1	
13	C84231784500	Swivel Elbow	1	
14	C836B4001000	Male Stud Coupling	1	
15	C83631717900	Male Stud Coupling	3	
16	36 06 48	Tee	1	
17	C83620684900	Cap Nut	1	
18	C836C4064000	Special Plug	1	
19	C8PP11222000	Minimass Coupling	1	
20	C83628469600	Hose-Pump To Steering	1	
21	C83633384000	Hose	2	
22	C83633395600	Hose	1	
23	C83631422600	Half Clip	16	
24	C83631402100	Cover Plate	10	
25	C8MBH06C2083	Bolt Hex.	16	
26	C83631424200	Half Clip	4	
29	C83631783700	Swivel Elbow	3	
30	C83635064800	Swivel Run Tee	2	
31	C836350664A0	Hose	2	
32	C83631745400	Swivel Banjo Fitting	2	
33	00 42 16 85 A	Hollow Core Screw	2	
34	21 94 44	Copper Washer	4	
36	C8HC31321080	Hose-Suction	1	
37	C8F004708600	Cable Binding Tie	15	
38	C8HC31250730	Hose	1	
39	C8HC31250650	Hose	1	
40	C836F4002B00	Filter Mounting Bracket	1	
41	C8PP111580000	Hydraulic Filter-Ep Bhagavati	1	
42	C8MSH08C2050	Screw Hex.	2	
43	C8MWS0800000	Spring Washer	2	
45	C8MSH10C2080	Screw Hex.	2	
48	C8MNH10C2000	Hex. Nut	2	
49	C8PP11226000	Male Stud Coupling	2	
50	C8PP11227000	T-Piece Adjustable	1	
51	C8PP11228000	Reducing Coupling	1	
52	C83631 76 91 00	Reducing Coupling	1	

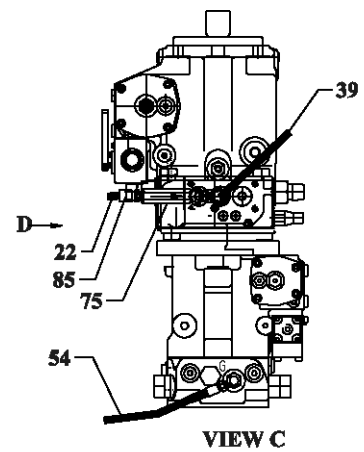
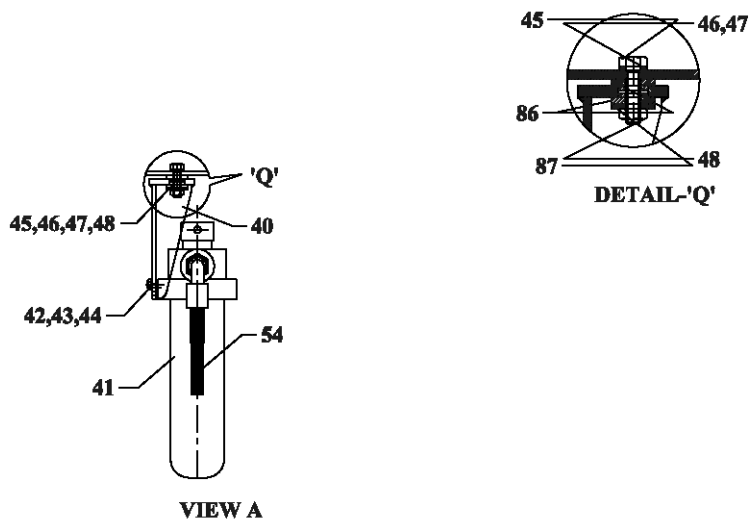
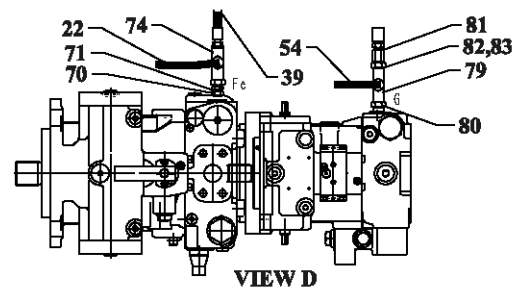
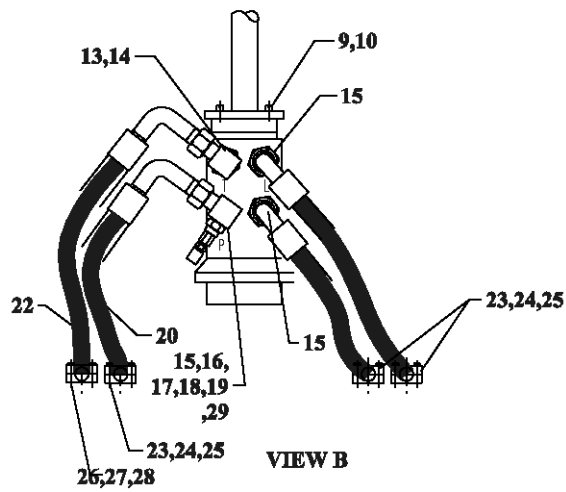
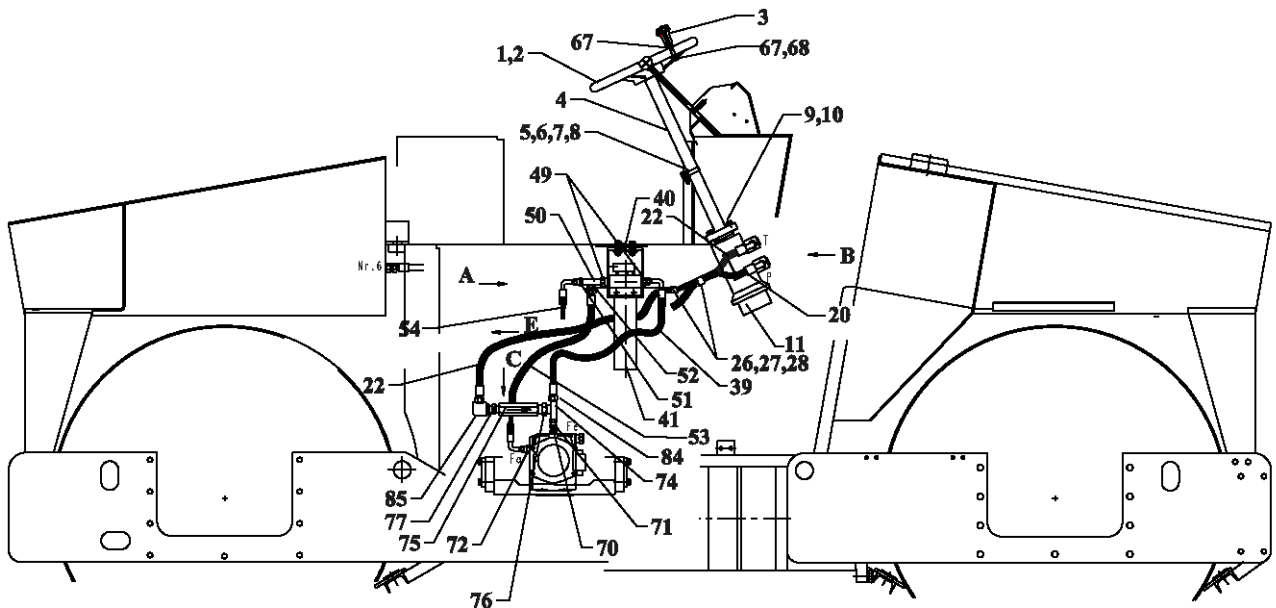
HYDRAULIC STEERING (STD)



HD-85

		Hydraulic Steering (STD)		
S No	Part No	Description	Qty	Remarks
53	C83627403800	Hose	1	
54	C8HC31160580	Hose	1	
56	C8PP11097000	Male Stud Coupling	1	
58	C8D557544C00	Distributor Block	1	
59	C8MBA10C2000	Bolt Allen	4	
60	C8MWS1000000	Washer Spring	4	
61	C8MNH10C2000	Nut Hex	4	
62	C8PP11275000	Swivel Elbow Fitting	1	
63	C8HC31250500	Hose	1	
64	C8G956010090	Dowty Seal	2	
65	C8D233141000	Gate Valve (With Out Knob)	1	
66	C8PP11285000	Tee Fitting	1	
67	36C4053	Spl.Washer	2	
68	C8BNN06C1000	Nut Nylock	1	
69	C836C4055000	Nut Lock	1	
70	C83632 78 32 00	Male Stud Coupling	1	
71	C836C4063000	Reducing Fitting	1	
72	C83631 57 02 00	Straight Screwed Socket	1	
74	C8PP11227000	T-Piece Adjustable	1	
75	C8PP11220000	Non Return Valve	1	
76	C8PP11224000	Swivel Male Stud Coupling	1	
77	C8PP11209000	Male Stud Coupling	1	
78	C836C4042000	St. Male Stud Coupling	2	
79	C8PP11207000	Swivel Run Tee Fitting	1	
80	C8PP11093000	Male Stud Coupling	1	
81	C8PP10363000	Minimass Coupling	1	
82	C836C4069000	Special Plug	1	
83	C83620685700	Cap Nut	1	
84	C8PP11275000	Swivel Elbow Fitting	1	
85	C84231784500	Swivel Elbow Fitting	1	
86	C836C6012000	Grommet	4	
87	C836C4071000	Spl.Washer	2	

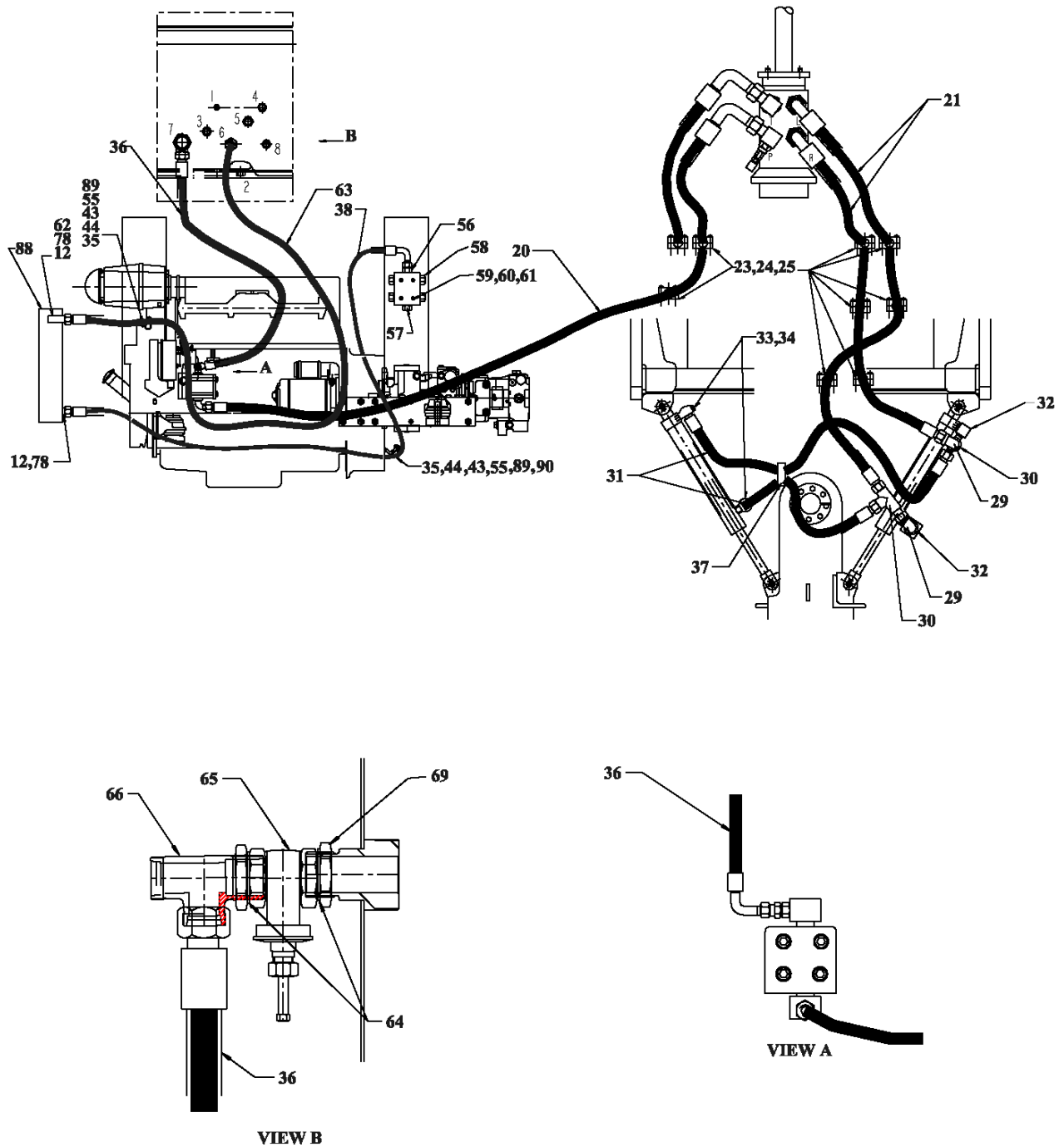
STEERING HYDRAULICS (DGBR)



HD-85

		Steering Hydraulics(DGBR)		
S No	Part No	Description	Qty	Remarks
1	C83635836300	Stg. Wheel	1	
2	C83635837100	Cover	1	
3	C836A4001A00	Turning Handle Assy	1	
4	C8PP117490000	Steering Column	1	
5	C9100384	U- Bolt	1	
6	C9100041	Prevailing Torque Type Nut	2	
7	C9100040	Punched Washer	2	
8	C836C4051000	Spacer	1	
9	C9100153	Hex Socket Head Cap Screw	4	
10	C9100044	Spring Lock Washer	4	
11	C8PP11748000	Steering Unit	1	
12	C8G956010080	Dowty Seal	2	
13	C84231784500	Swivel Elbow	1	
14	C836B4001000	Male Stud Coupling	1	
15	C9100371	Male Stud Coupling	3	
16	C83636064800	Tee Evl	1	
17	C83620684900	Cap Nut	1	
18	C836C4064000	Special Plug	1	
19	C8PP11222000	Minimass Coupling	1	
20	C8HC32123000	Hose-Pump To Steering	1	
21	C83633384000	Hose	2	
22	C83633395600	Hose	1	
23	C83631422600	Half Clip	16	
24	C83631402100	Cover Plate	8	
25	C9100202	Hexagon Head Bolt	16	
26	C83631424200	Half Clip	4	
27	C83631402100	Cover Plate	2	
28	C9100202	Hexagon Head Bolt	4	
29	C9100377	Swivel Elbow	3	
30	C9100386	Swivel Run Tee	2	
31	C836350664A0	Hose	2	
32	C9100373	Swivel Banjo Fitting	2	
33	C836421685A0	Hollow Core Screw	2	
34	C83621944400	Copper Washer	4	
35	C8D921119000	Rubber Clamp	2	
36	C8HC31321450	Hose-Suction	1	
37	C8F004708600	Cable Binding Tie	15	
38	C7402421	Hose	1	
39	C8HC31250730	Hose	1	
40	C836F4002B00	Filter Mounting Bracket	1	
41	C8PP111580000	Hydraulic Filter	1	
42	C9100166	Hexagon Head Screw	2	
43	C9100046	Spring Lock Washer	2	
44	C9100062	Punched Washer	2	
45	C9100192	Hexagon Head Screw	2	
46	C9100044	Spring Lock Washer	2	

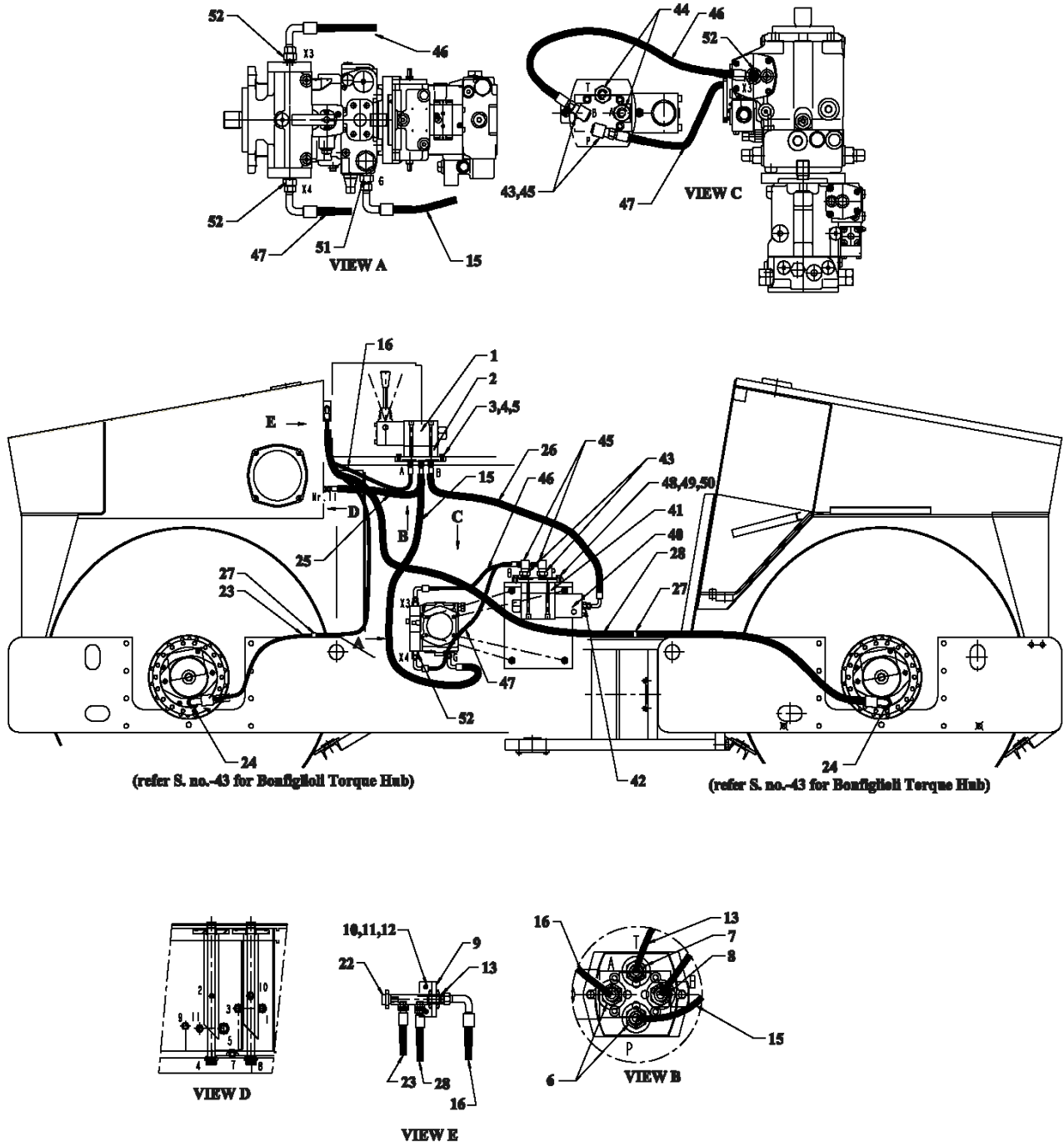
STEERING HYDRAULICS (DGBR)



HD-85

		Steering Hydraulics (DGBR)		
S No	Part No	Description	Qty	Remarks
47	C9100040	Punched Washer	2	
48	C9100076	Hexagon Nut	2	
49	C8PP11226000	Male Stud Coupling	2	
50	C8PP11227000	T-Piece Adjustable	1	
51	C8PP11228000	Reducing Coupling	1	
52	C83631769100	Reducing Coupling	1	
53	C83627403800	Hose	1	
54	C8HC31160580	Hose	1	
55	C9100131	Hexagon Head Bolt	2	
56	C8PP11097000	Male Stud Coupling	1	
57	C8PP11232000	Hydraulic Plug	1	
58	C8D557544C00	Distributor Block	1	
59	C9100129	Hex Socket Head Cap Screw	4	
60	C9100044	Spring Lock Washer	4	
61	C9100076	Hexagon Nut	4	
62	C8PP11275000	Swivel Elbow Fitting	1	
63	C7401944	Hose	1	
64	C8G956010090	Dowty Seal	2	
65	C8D233141000	Gate Valve	1	
66	C8PP11285000	Tee Fitting	1	
67	C836C4053000	Spl.Washer	2	
68	C8BNN06C1000	Nut Nylock	1	
69	C836C4055000	Nut Lock	1	
70	C83632783200	Male Stud Coupling	1	
71	C836C4063000	Reducing Fitting	1	
72	C83631570200	Straight Screwed Socket	1	
74	C8PP11227000	T-Piece Adjustable	1	
75	C8PP11220000	Non Return Valve	1	
76	C8PP11224000	Swivel Male Stud Coupling	1	
77	C8PP11209000	Male Stud Coupling	1	
78	C74001904	St. Male Stud Coupling	2	
79	C8PP11207000	Swivel Run Tee Fitting	1	
80	C8PP11093000	Male Stud Coupling	1	
81	C8PP10363000	Minimass Coupling	1	
82	C836C4069000	Special Plug	1	
83	C83620685700	Cap Nut	1	
84	C8PP11275000	Swivel Elbow Fitting	1	
85	C84231784500	Swivel Elbow Fitting	1	
86	C836C6012000	Grommet	4	
87	C836C4071000	Spl.Washer	2	
88	C7401340	Oil Cooler	1	
89	C9100068	Hexagon Nut	2	
90	C8D541839000	Horn Bracket	1	

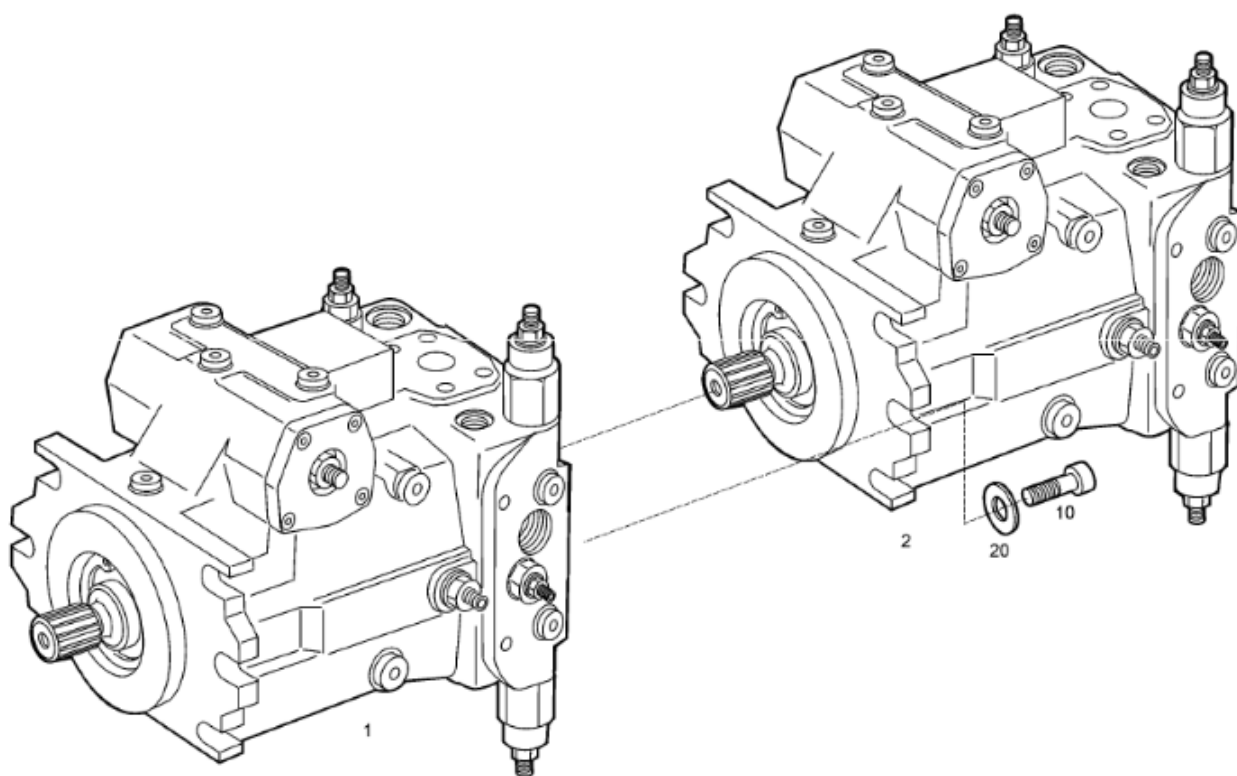
BRAKE HYDRAULICS



HD-85

		Brake Hydraulics		
S No	Part No	Description	Qty	Remarks
1	C846B4011000	Parking Brake Valve	1	
2	C8PP11109000	Sub Plate-G342/01-(3/8" Bsp)	1	
3	C8MBH06C2050	Hex.Screw	2	
4	C8MWS0610000	Spring Ring	2	
5	C8MNH06C2000	Hex. Nut	2	
6	C8PP11090000	Male Stud Coupling	2	
7	C8PP11091000	Male Stud Coupling	1	
8	C8PP11089000	Male Stud Coupling	1	
9	C836C4034000	Bracket	1	
10	C8MSH08C2030	Hex.Screw	2	
11	C8MWS0810000	Spring Ring	2	
12	C8MNH08C2000	Hex. Nut	2	
13	C836F4007A00	Spl.Adaptor Assy	1	
15	C8HC31101150	Hyd. Hose	1	
16	C8HC31100650	Hyd. Hose	1	
17	C83631757800	Reducer Fitting	1	
22	C83638491700	Pressure Switch	1	
23	C8HC31083100	Hyd. Hose	1	
24	C8PP11047000	Male Stud Coupling	2	
25	C8HC31120600	Hyd. Hose	1	
26	C8HC31081000	Hose	1	
27	C8F004708600	Hose Clamp	15	
28	C8HC31084100	Hyd. Hose	1	
40	C8PP11110000	Emmergenc Brake Hyd.Valve	1	
41	C8PP11111000	Sub Plate-G341/01-(1/4" Bsp)	1	
42	C8PP11199000	Male Stud Coupling	1	
43	C8PP11088000	Male Stud Coupling	2	
44	C8PP11094000	Plug	2	
45	C9100376	Swivel Elbow	2	
46	C8HC31080520	Hose	1	
47	C8HC31080680	Hose	1	
48	C8MBH06C2050	Hex.Screw	2	
49	C8MWS0610000	Spring Ring	2	
50	C8MNH06C2000	Hex. Nut	2	
51	C8PP11201000	Male Stud Coupling	1	
52	C8PP11047000	Male Stud Coupling	2	

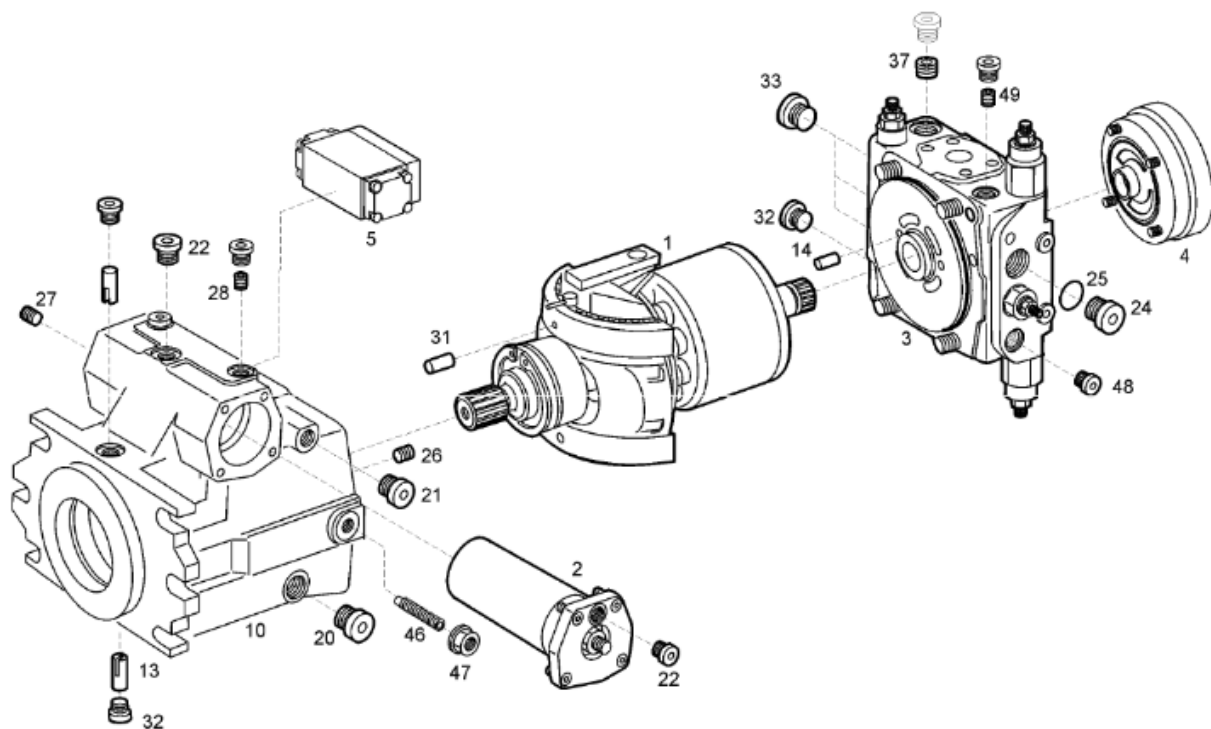
TANDEM PUMP-C846B4006008



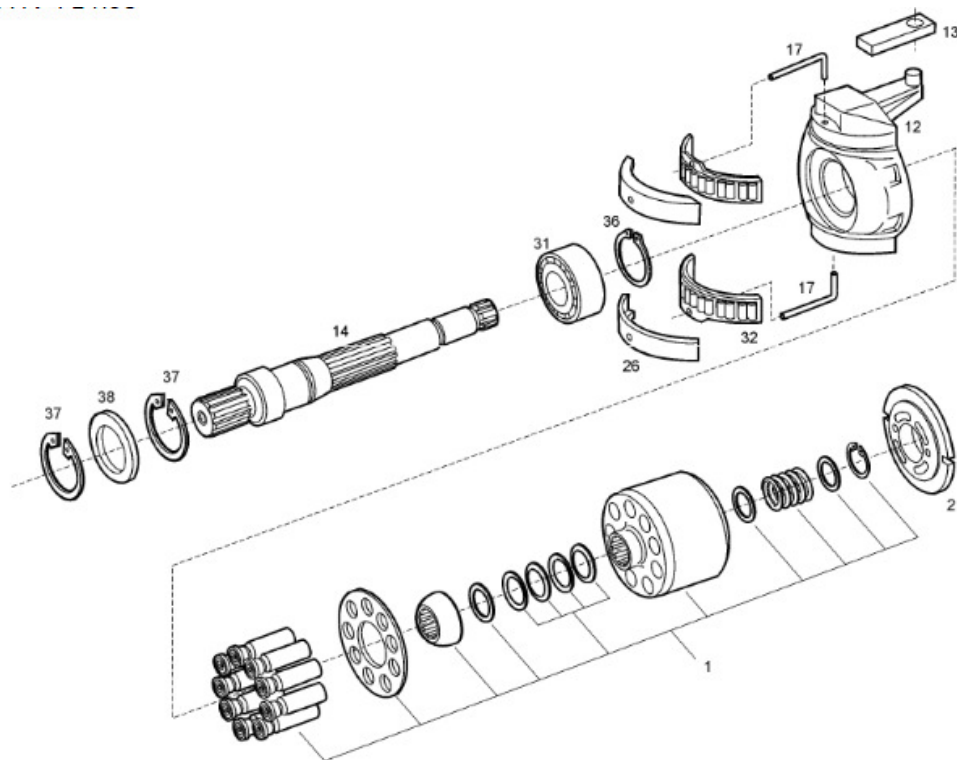
HD-85

TANDEM PUMP		Tandem Pump-C846B4006008		
S No	Part No	Description	Qty	Remarks
1	PP11235.66	A4vg71hwdt1/32r-Nzf02f041d	1 ST	
2	PP11235.67	A10vg45hd3m1/10r-Nsc10n003e-S	1 ST	
10	7800001.072	Socket-Head Screw Din912-M12x35-10.9	2 ST	
20	7800001.114	Washer M12	2 ST	

TRAVEL PUMP



ROTARY GROUP



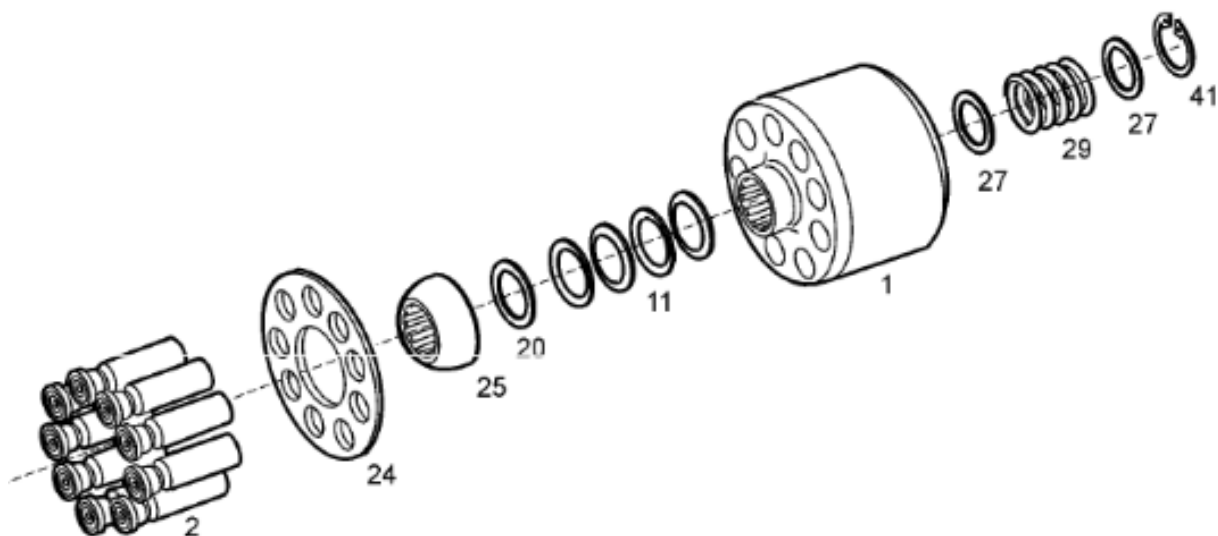
HD-85

TANDEM PUMP		TRAVEL PUMP		
S No	Part No	Description	Qty	Remarks
1	PP11235.74	Rotary Group A4v-71 R08	1 ST	
2	PP11235.26	Control, Hydraulic	1 ST	
3	PP11235.166	Port Plate With Valves	1 ST	
4	PP11101-07	Internal Gear Pump Assembly Sae-Bb	1 ST	
5	PP11101-04	Control Module 071hw0,Z	1 ST	
10	PP11235.08	Housing 25218.2000	1 ST	
13	PP11235.64	Joint Pin 25225.0000	2 ST	
14	PP11235.121	Dowel Pin 23017.0320	1 ST	
20	PP11235.112	Locking Screw Zn10001-M26x1,5-N-St	1 ST	
21	7800001.096	Locking Screw Zn10001-M14x1,5-N-St	1 ST	
22	7800001.094	Locking Screw Zn10001-M12x1,5-N-St	6 ST	
24	PP11235.88	Locking Screw	1 ST	
25	PP11235.102	O-Ring	1 ST	
26	PP11235.111	Locking Screw N02.020-M8x1-5.8- &	1 ST	
27	7800001.129	Double Break-Off Plug N02.023-M 6	1 ST	
28	7800001.106	Orifice Rnm02105-M6-1	2 ST	
31	7800001.107	Clamping Pin Din 7344- 3 X10	2 ST	
32	7800001.100	Locking Screw Zn10001-M10x1-N-St	2 ST	
33	7800001.095	Locking Screw Zn10001-M22x1,5-N-St	2 ST	
37	PP11235.106	Locking Screw N02.020-M18x1,5-5.8-&	1 ST	
46	PP11235.114	Threaded Pin	1 ST	
47	PP11235.104	Sealing Nut N02.100-M12x1,5	1 ST	
48	7800001.103	Locking Screw	1 ST	
49	PP11235.115	Orifice	1 ST	
98	PP11101-03	Seal Kit,Complete A4vg71hwdx	1 ST	

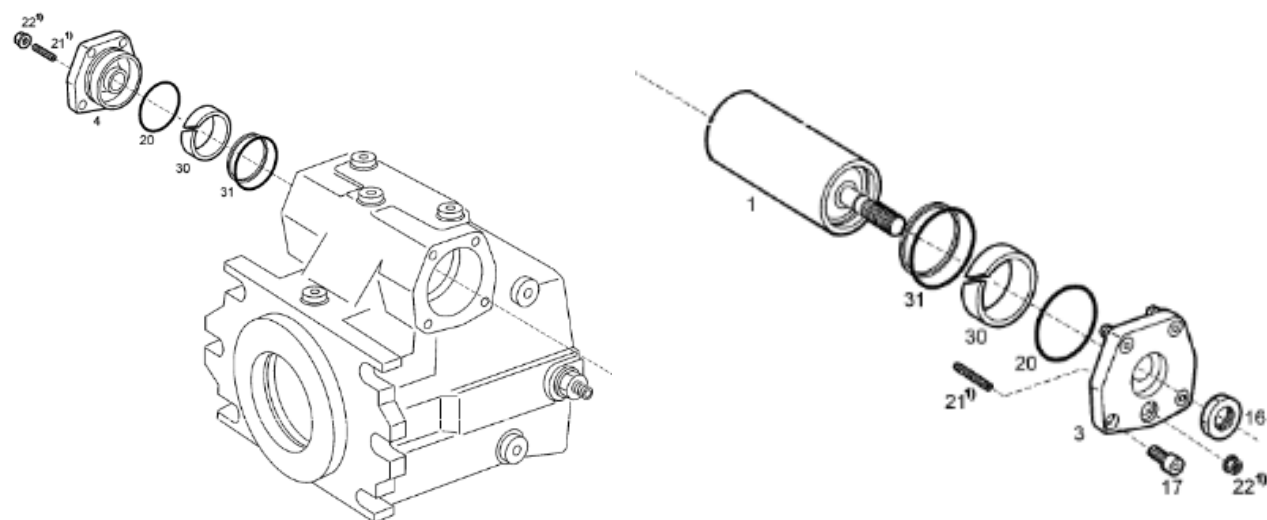
HD-85

TANDEM PUMP		Rotary Group		
S No	Part No	Description	Qty	Remarks
1	PP11235.54	Rotary Group, Hydr. Section Hydr. Teil	1 ST	
2	PP11235.71	Control Plate R08 'R'	1 ST	
12	PP11235.157	Cradle 'Kc'	1 ST	
13	PP11235.165	Slide Ring 21520.2102	1 ST	
14	PP11101-06	Drive Shaft 21518.2121	1 ST	
17	PP11235.82	Wire 23025.0303	2 ST	
26	PP11235.49	Bearing Liner (Pair) 101x108x15	1 ST	
31	PP11235.110	Plain Roller Bearing Nup40x80x23	1 ST	
32	PP11235.171	Cradle Bearing Assembly (Set)	1 ST	
36	PP11235.89	Retaining Ring Din 471- 40x1,75	1 ST	
37	PP11235.75	Retaining Ring	2 ST	
38	PP11101-02	Shaft Seal Ring	1 ST	
98	PP11235.03	Seal Kit Drive Shaft Triebwelle A4vg71/32	1 ST	

ROTARY GROUP HYDR. SECTION



CONTROL HYDRAULIC



HD-85

TANDEM PUMP		Rotary Group Hydr. Section		
S No	Part No	Description	Qty	Remarks
1	PP11235.158	Cylinder With Bushing	1 ST	
2	PP11235.122	Piston-Slipper Pad	9 ST	
11	PP11235.72	Cup-Spring Stack	1 ST	
20	PP11235.138	Shim	1 ST	
20	PP11235.139	Shim	1 ST	
20	PP11235.140	Shim	1 ST	
20	PP11235.141	Shim	1 ST	
24	PP11235.176	Retaining Plate	1 ST	
25	PP11235.177	Retaining Ball	1 ST	
27	PP11235.175	Washer	2 ST	
29	PP11235.144	Pressure Spring	1 ST	
41	PP11235.90	Retaining Ring	1 ST	

HD-85

TANDEM PUMP		Control Hydraulic		
S No	Part No	Description	Qty	Remarks
1	PP11235.31	Positioning Piston	1 ST	
3	PP11235.27	Cover	1 ST	
4	PP11235.28	Cover	1 ST	
16	PP11235.113	Hexagon Nut	1 ST	
17	PP11235.95	Socket-Head Screw Din912-M6x20-10.9	8 ST	
20	PP11235.93	O-Ring	2 ST	
30	PP11235.78	Guide Ring	2 ST	
31	PP11235.76	Rod Seal Kit	2 ST	
98	PP11235.02	Seal Kit Hydr. Control Verstellung A4vg71/32	1 ST	

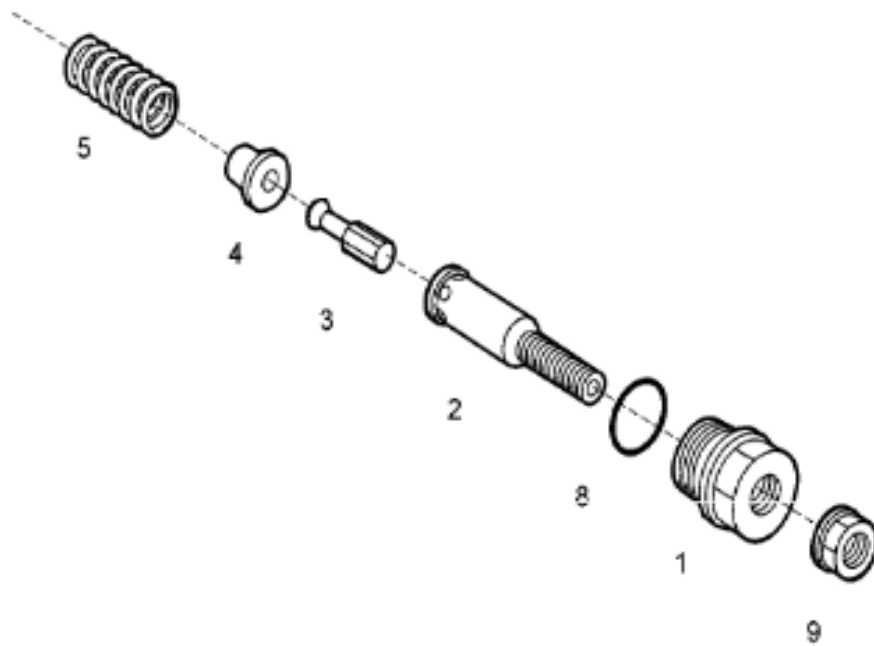
HD-85

TANDEM PUMP		Positioning Piston		
S No	Part No	Description	Qty	Remarks
1	PP11235.09	Positioning Piston	1 ST	
2	PP11235.162	Rod	1 ST	
5	PP11235.17	Ring	2 ST	
5	PP11235.16	Ring	2 ST	
5	PP11235.18	Ring	2 ST	
5	PP11235.19	Ring	2 ST	
5	PP11235.20	Ring	2 ST	
5	PP11235.21	Ring	2 ST	
5	PP11235.23	Ring	2 ST	
5	PP11235.22	Ring	2 ST	
6	PP11235.77	Assembly Ring	2 ST	
7	PP11235.30	Spring Collar	2 ST	
9	PP11235.137	Pressure Spring	2 ST	
15	PP11235.94	Retaining Ring Din 472- 58x2	2 ST	
19	7800001.083	O-Ring	1 ST	
23	PP11235.163	Spring Collar	2 ST	

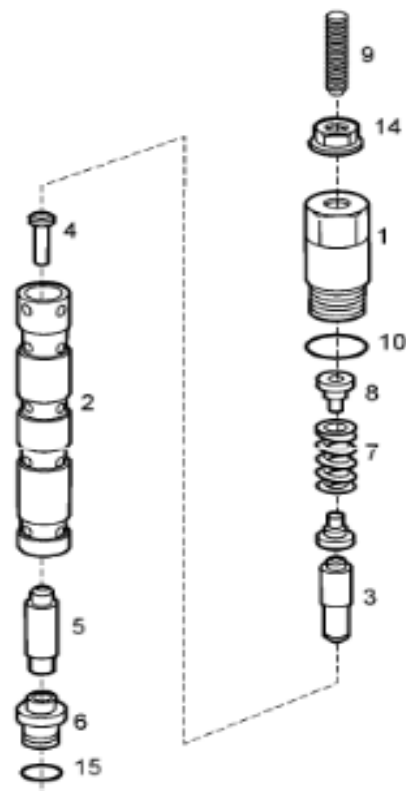
HD-85

TANDEM PUMP		Port Plate With Valves		
S No	Part No	Description	Qty	Remarks
1	PP11235.80	Pressure Relief Valve R901162655	2 ST	
2	PP11235.142	Pressure Relief Valve Nd #70nm	1 ST	
3	PP11101-01	Pressure Override Valve A4vg71/31+32 #35nm	1 ST	
5	PP11235.68	Port Plate A4vg71/32	1 ST	
6	PP11235.161	Bearing Bushing 29618.5000	1 ST	
7	PP11235.86	Socket-Head Screw Din912-M16x90-10.9	4 ST	
9	PP11235.98	O-Ring N 02.079-113,97 X 2,62-S-Nbr70	1 ST	
11	7800001.129	Double Break-Off Plug N02.023-M 6	2 ST	
12	7800001.100	Locking Screw Zn10001-M10x1-N-St	1 ST	
13	7800001.130	Double Break-Off Plug N02.023-M 8	2 ST	
26	7800001.083	O-Ring	2 ST	
35	7800001.094	Locking Screw	2 ST	
43	PP11235.159	Bush	1 ST	
44	PP11235.129	Bearing Bushing	1 ST	
47	PP11235.99	O-Ring	2 ST	
98	PP11235.05	Seal Kit Port Plate With Valves Anschl.Pl. A4vg71/32	1 ST	

PRESSURE RELIEF VALVE



PRESSURE OVERRIDE VALVE



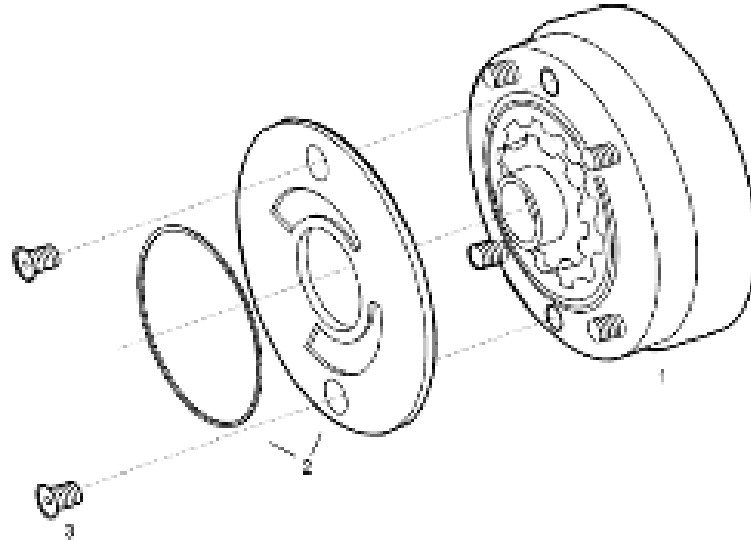
HD-85

TANDEM PUMP		Pressure Relief Valve		
S No	Part No	Description	Qty	Remarks
1	PP11235.146	Locking Screw 52115.1011	1 ST	
2	PP11235.164	Adjusting Screw 52115.1011	1 ST	
3	7800001.116	Valve Piston 52112.1010	1 ST	
4	7800001.010	Spring Collar 52112.1011	1 ST	
5	PP11235.154	Pressure Spring '2,50/ 13,00/ 35,00'	1 ST	
8	7800001.078	O-Ring 23,47x2,62-S-Nbr90&	1 ST	
9	PP11235.73	Sealing Nut M10x1 'Id.R909153271' #30nm&	1 ST	

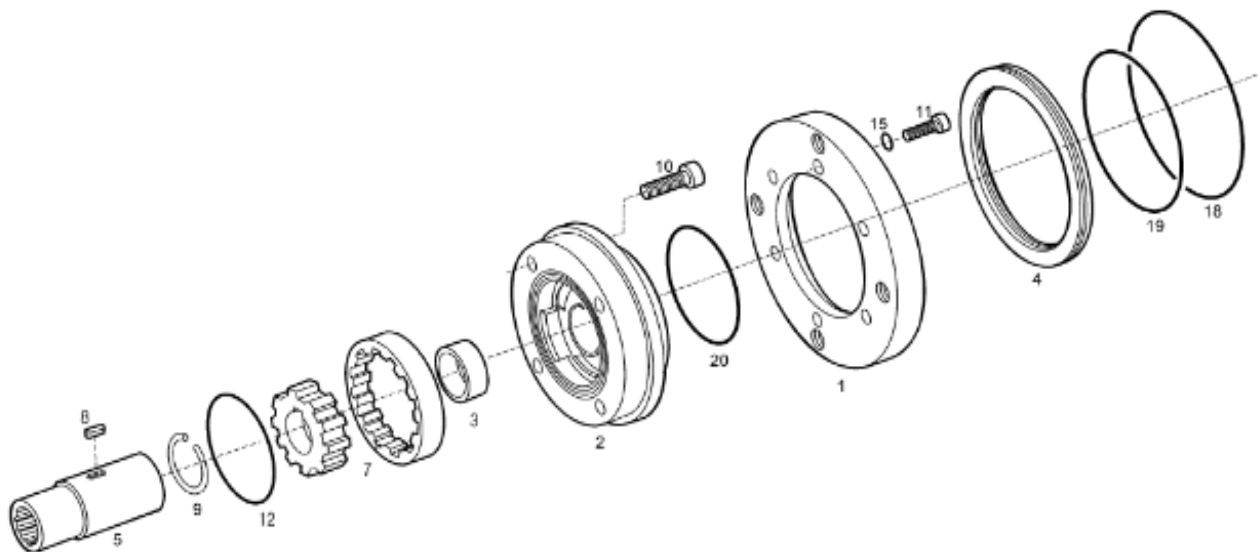
HD-85

TANDEM PUMP		Pressure Relief Valve		
S No	Part No	Description	Qty	Remarks
1	PP11235.132	Locking Screw 52508.0403	1 ST	
2	PP11235.128	Valve Bushing 52508.0400	1 ST	
3	PP11235.133	Control Piston 52508.0403	1 ST	
4	PP11235.134	Piston 52508.0403	1 ST	
5	PP11235.135	Valve Piston 52508.0403	1 ST	
6	PP11235.153	Poppet Seat 52508.0407	1 ST	
7	PP11235.12	Pressure Spring '1,80/ 7,30/ 24,85'	1 ST	
8	PP11235.39	Spring Collar 52508.0424	2 ST	
9	PP11235.136	Adjusting Screw 52508.0403	1 ST	
10	PP11235.91	O-Ring N 02.079- 12,37 X 2,62-S-Nbr90	1 ST	
14	7800001.099	Sealing Nut	1 ST	
15	7800001.088	O-Ring	1 ST	

INTERNAL GEAR ASSY



INTERNAL GEAR PUMP



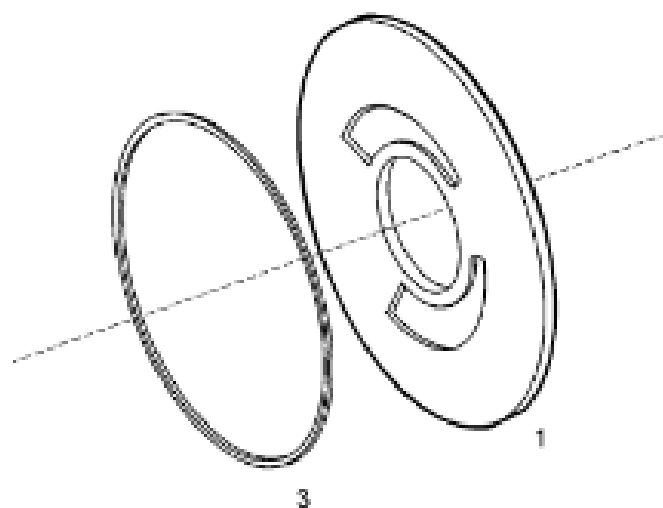
HD-85

TANDEM PUMP		Internal Gear Assy		
S No	Part No	Description	Qty	Remarks
1	PP11101-07	INTERNAL GEAR PUMP	1 ST	
2	PP11235.53	WEAR PLATE COMPLETE KP	1 ST	
3	PP11235.178	LOCKING PLUG 11.12801	2 ST	
98	PP11235.06	SEAL KIT INTERNAL GEAR PUMP IZP A4VG71/32	1 ST	

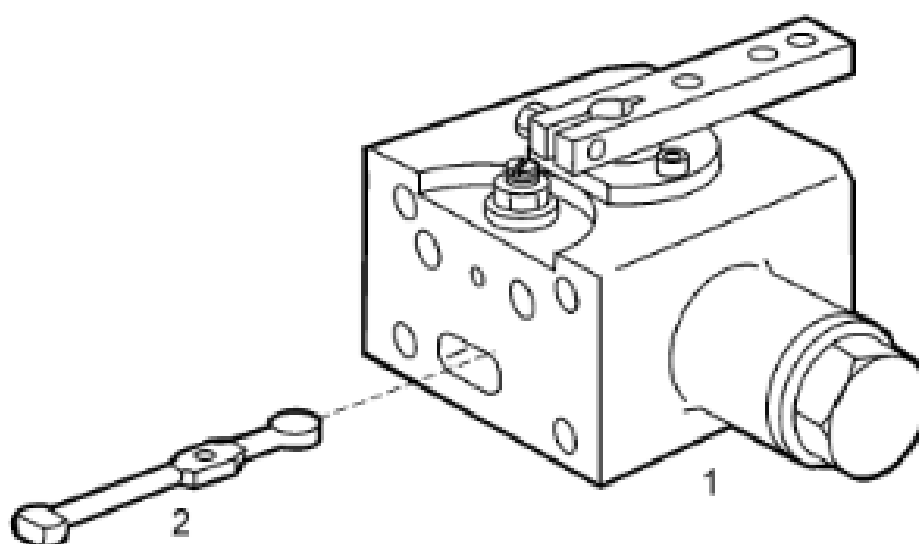
HD-85

TANDEM PUMP		Internal Gear Pump		
S No	Part No	Description	Qty	Remarks
1	PP11101-10	Intermediate Flange	1 ST	
2	PP11235.52	Pump Cover	1 ST	
3	PP11235.161	Bearing Bushing	1 ST	
4	PP11235.131	Centering Ring	1 ST	
5	PP11235.15	Through-Drive Shaft Sae-Bb 29618.5310	1 ST	
7	PP11235.10	Wheel Set	1 ST	
8	PP11235.32	Shaft Key	1 ST	
9	PP11235.116	Snap Ring Din7993-A38	1 ST	
10	36-B-4-004.006	Socket-Head Screw Din912-M10x25-8.8	4 ST	
11	PP11235.87	Socket-Head Screw Din6912-M8x16-8.8	6 ST	
12	PP11235.100	O-Ring	1 ST	
15	PP11235.108	Seal Ring	6 ST	
18	PP11102-01	O-Ring	1 ST	
19	PP11102-03	O-Ring	1 ST	
20	PP11235.97	O-Ring	1 ST	

WATER PLATE COMPLETE



CONTROL MODULE



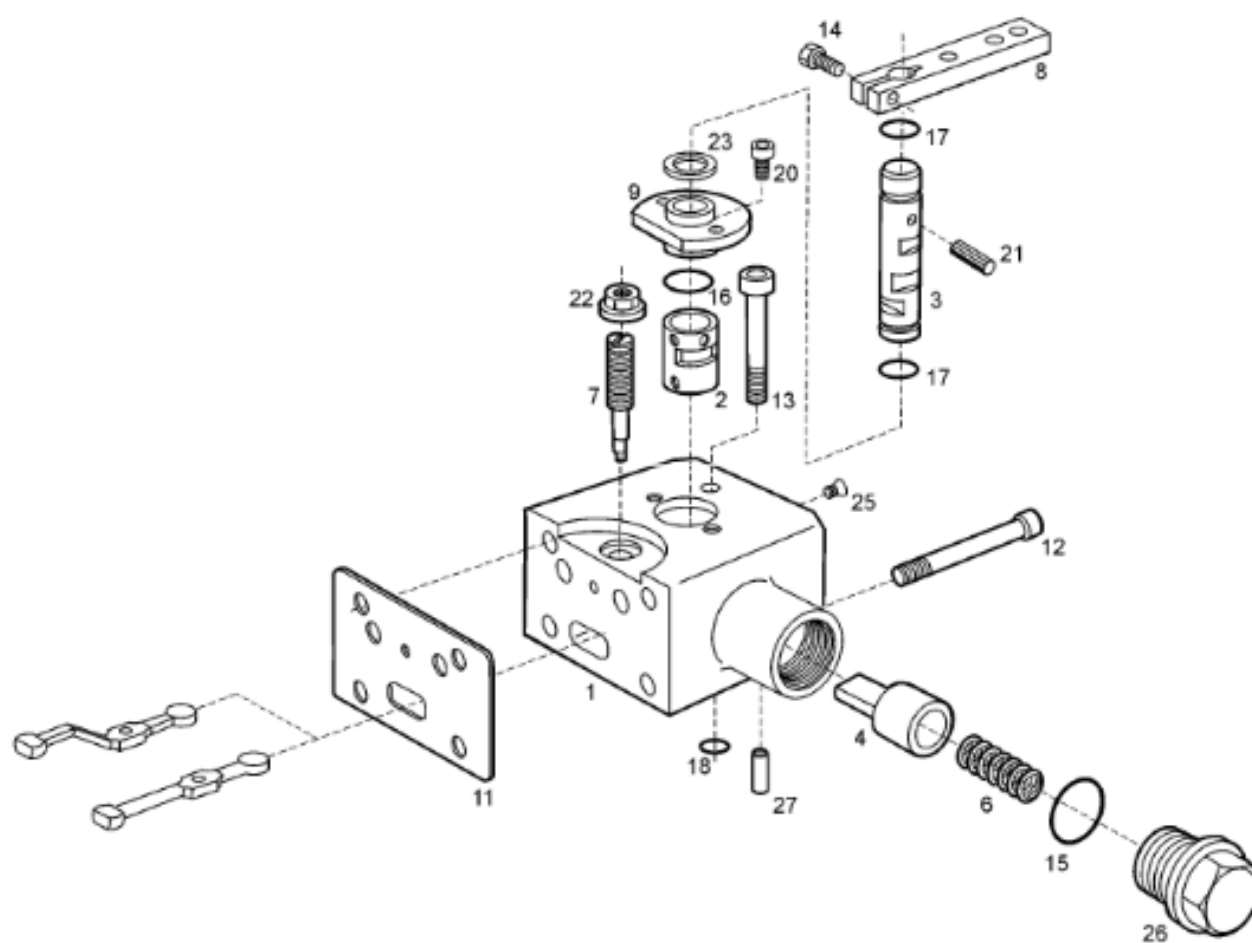
HD-85

TANDEM PUMP		Water Plate Complete		
S No	Part No	Description	Qty	Remarks
1	PP11101-09	Wear Plate 29618.7000	1 ST	
3	PP11235.100	O-Ring N 02.079- 88,57 X 2,62-S-Nbr70	1 ST	

HD-85

TANDEM PUMP		Control Module		
S No	Part No	Description	Qty	Remarks
1	PP11235.25	Control Module Hw0,Z	1 ST	
2	PP11101-05	Feedback Lever '58.7' 42622.0111	1 ST	
98	7800001.004	Seal Kit Control Module Ag A4vg28-71hwdx &	1 ST	

CONTROL MODULE



HD-85

TANDEM PUMP		Control Module		
S No	Part No	Description	Qty	Remarks
1	7800001.013	Housing	1 ST	
2	7800001.019	Control Bush 42618.3340	1 ST	
3	7800001.041	Control Shaft 42618.3342	1 ST	
4	7800001.125	Spring Bush 42618.3218	1 ST	
6	7800001.112	Pressure Spring '2,25/ 10,77/ 26,00'	1 ST	
7	PP11101-08	Eccentric Pin 42618.3318	1 ST	
8	7800001.109	Lever 55812.0101	1 ST	
9	7800001.126	Cover 42618.3218	1 ST	
11	7800001.068	Gasket 60x41 X-2-Bohr.7,1-F&	1 ST	
12	7800001.084	Socket-Head Screw Din912-M6x65-8.8	4 ST	
13	7800001.079	Socket-Head Screw	1 ST	
14	7800001.069	Socket-Head Screw	1 ST	
15	7800001.077	O-Ring	1 ST	
16	7800001.089	O-Ring	1 ST	
17	7800001.076	O-Ring	2 ST	
18	7800001.108	O-Ring	1 ST	
20	7800001.074	Socket-Head Screw Din6912-M5x 10-8.8	2 ST	
21	7800001.105	Needle Roller Din5402-A4x15,8 G2-E&	1 ST	
22	7800001.097	Sealing Nut N02.100-M6	1 ST	
23	7800001.085	Shim	1 ST	
25	7800001.130	Double Break-Off Plug	1 ST	
26	PP11235.103	Locking Screw	1 ST	
27	7800001.136	Cylinder Pin Iso8734-4x10-B-St	1 ST	

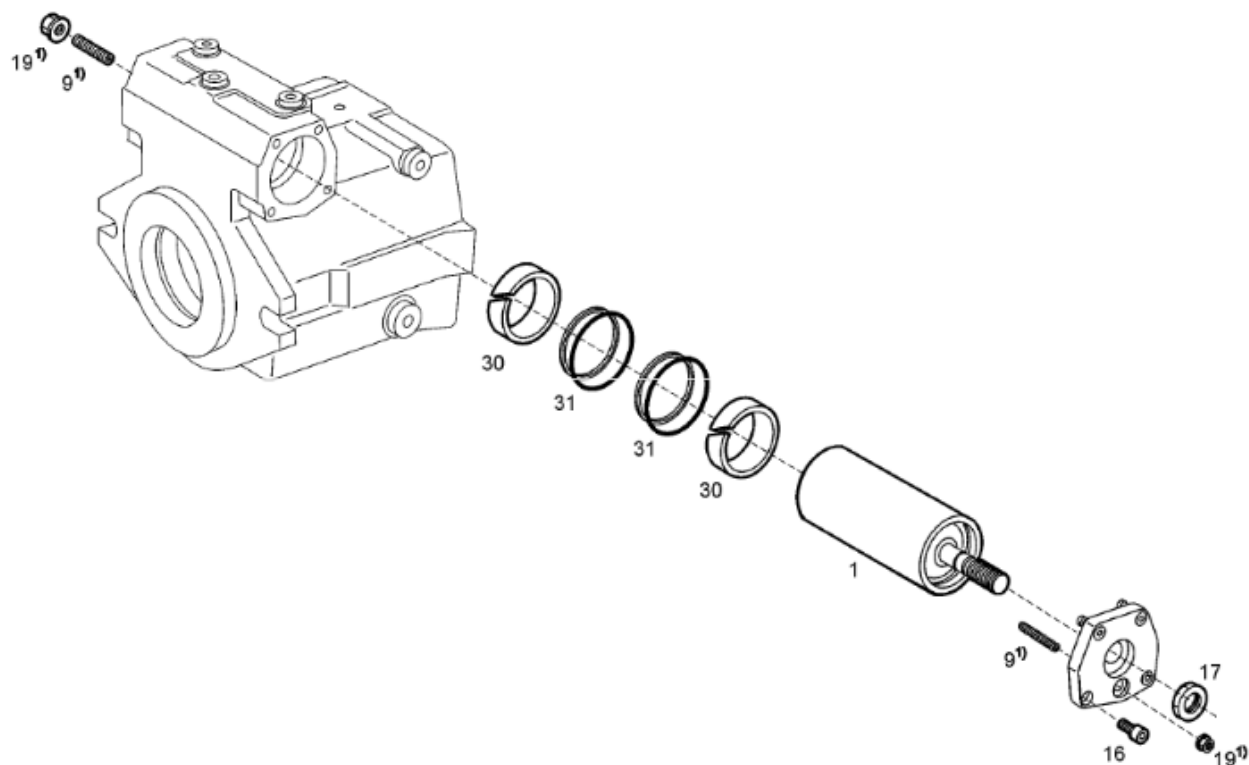
HD-85

TANDEM PUMP		Vibration Pump		
S No	Part No	Description	Qty	Remarks
1	7800001.045	Rotary Group, Right-Hand Rotation Aa10vg-45	1 ST	
2	PP11235.29	Control, Hydraulic T 5-9,6 M	1 ST	
3	PP11235.13	Port Plate, Complete O.Lb O.Dab	1 ST	
4	PP11235.63	Cover Mz (A)A10v	1 ST	
5	PP11235.56	Control Module 028hd3, Met	1 ST	
10	PP11235.24	Housing Metr., M 26517.2010	1 ST	
13	7800001.048	Joint Pin 24717.0000	1 ST	
14	7800001.091	Cylinder Pin Din6325-6x14	1 ST	
20	7800001.095	Locking Screw Zn10001-M22x1,5-N-St	1 ST	
21	7800001.096	Locking Screw Zn10001-M14x1,5-N-St	1 ST	
22	7800001.094	Locking Screw	3 ST	
23	7800001.103	Locking Screw	1 ST	
24	7800001.100	Locking Screw Zn10001-M10x1-N-St	1 ST	
25	7800001.104	Locking Screw Zn10001-M33x2-N-St	1 ST	
27	7800001.129	Double Break-Off Plug N02.023-M 6	1 ST	
28	PP11235.143	Throttle Valve	2 ST	
31	7800001.107	Clamping Pin Din 7344- 3 X10	2 ST	
41	7800001.082	O-Ring	1 ST	
19	PP11235.115	Orifice Rnm02105-M6-1,8	1 ST	
80	PP11235.70	Svf75s/10mv16c3d4h16d-0	1 ST	
98	PP11102-04	Seal Kit, Complete	1 ST	

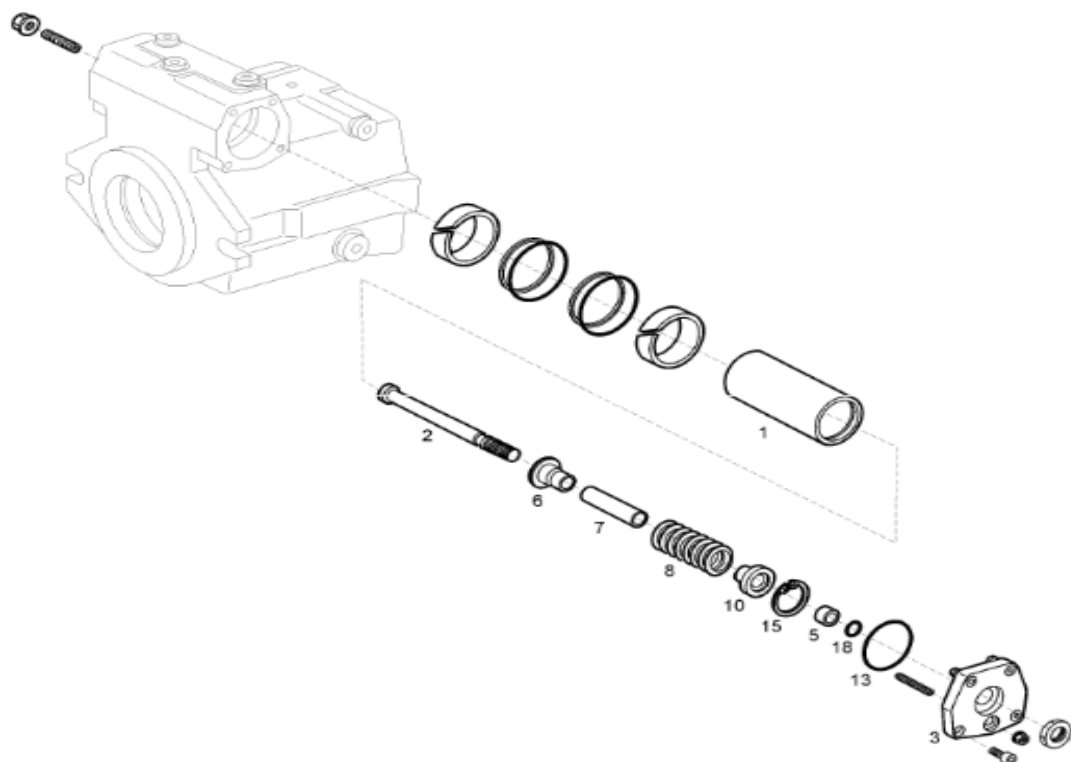
HD-85

TANDEM PUMP		Rotary Group		
S No	Part No	Description	Qty	Remarks
1	7800001.060	Rotary Group, Hydr. Section A10vg	1 ST	
12	7800001.134	Cradle	1 ST	
13	7800001.119	Slide Ring	1 ST	
14	7800001.036	Drive Shaft	1 ST	
17	7800001.110	Wire	1 ST	
18	7800001.118	Joint Pin	1 ST	
19	7800001.120	Wire	1 ST	
26	7800001.038	Bearing Liner (Pair)	1 ST	
31	7800001.102	Plain Roller Bearing Nup35x62x20	1 ST	
32	7800001.137	Cradle Bearing Assembly (Set)	1 ST	
36	7800001.075	Retaining Ring Din471-35x1,5	1 ST	
37	7800001.133	Seeger-V-Ring Din 984- 62x2	2 ST	
38	PP11102-02	Shaft Seal Ring Pps 40x 62x 6-Fkm	1 ST	
98	7800001.005	Seal Kit Drive Shaft	1 ST	

CONTROL HYDRAULIC



POSITION PISTON COMPLETE



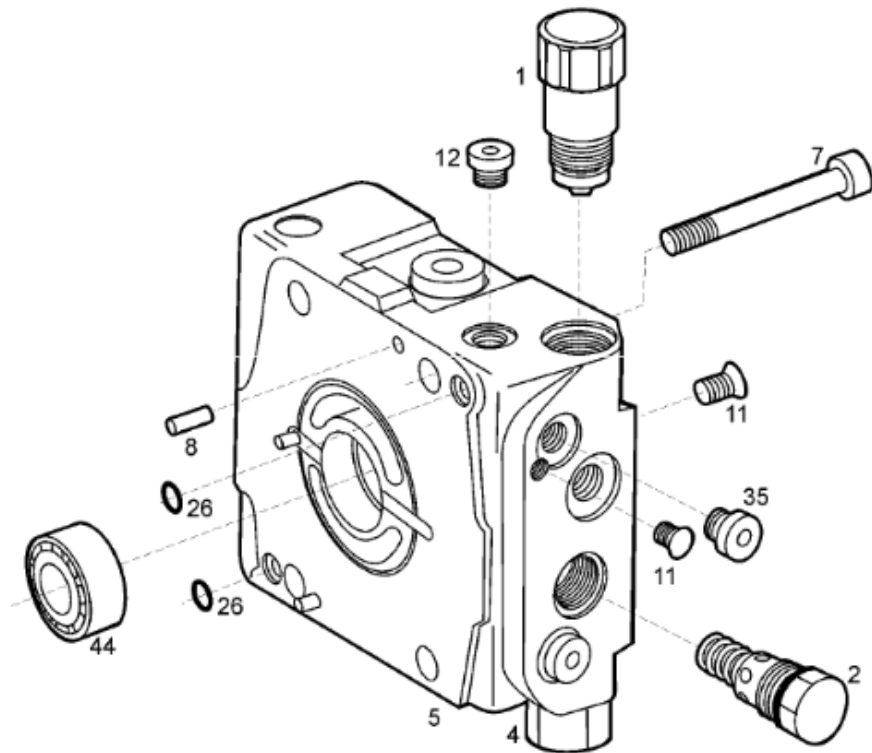
HD-85

TANDEM PUMP		Control Hydraulic		
S No	Part No	Description	Qty	Remarks
1	PP11235.35	Positioning Piston Complete Kp 5-9,6bar Vg=45 M	1 ST	
9	PP11235.130	Threaded Pin 45215.3215	2 ST	
16	7800001.070	Socket-Head Screw Din912-M6x12-8.8	4 ST	
17	7800001.025	Hexagon Nut #30nm	1 ST	
19	7800001.099	Sealing Nut N02.100-M8	2 ST	
30	7800001.062	Guide Ring Ring 52x57x9,5-C380	2 ST	
31	7800001.061	Rod Seal Kit 52x59,5x3,1-074	2 ST	
98	7800001.006	Seal Kit Hydr. Control Verst. A10vg45/10	1 ST	

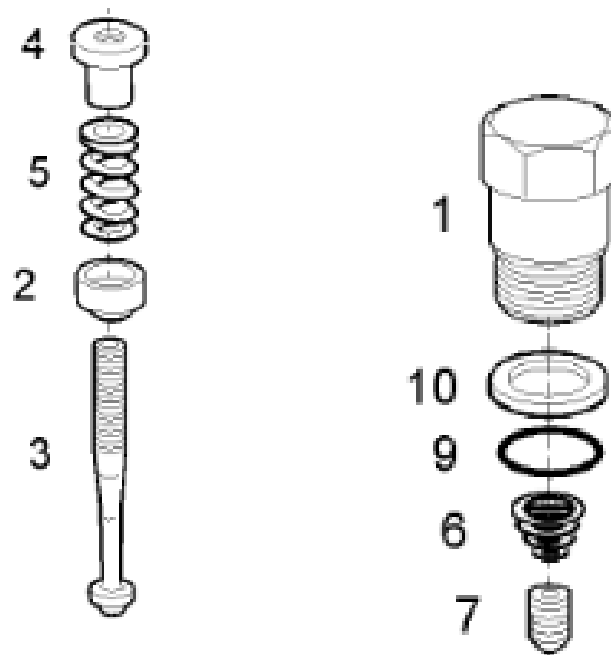
HD-85

TANDEM PUMP		Position Piston Complete		
S No	Part No	Description	Qty	Remarks
1	PP11235.170	Positioning Piston	1 ST	
2	PP11235.155	Rod	1 ST	
3	PP11235.156	Cover	1 ST	
5	PP11235.147	Ring	1 ST	
5	PP11235.148	Ring	1 ST	
5	PP11235.149	Ring	1 ST	
5	PP11235.150	Ring	1 ST	
5	PP11235.151	Ring	1 ST	
5	PP11235.152	Ring	1 ST	
5	PP11235.167	Ring	1 ST	
5	PP11235.168	Ring	1 ST	
5	PP11235.169	Ring	1 ST	
6	PP11235.34	Spring Collar	1 ST	
7	PP11235.50	Spacer Bush	1 ST	
7	PP11235.38	Spacer Bush	1 ST	
7	PP11235.174	Spacer Bush	1 ST	
7	PP11235.51	Spacer Bush	1 ST	
7	7800001.033	Spacer Bush	1 ST	
8	7800001.029	Pressure Spring	1 ST	
10	7800001.028	Spring Collar	1 ST	
13	7800001.087	O-Ring	1 ST	
15	PP11235.96	Retaining Ring	1 ST	
18	7800001.088	O-Ring	1 ST	

ROTARY PLATE COMPLETE



PRESSURE RELIEF VALVE



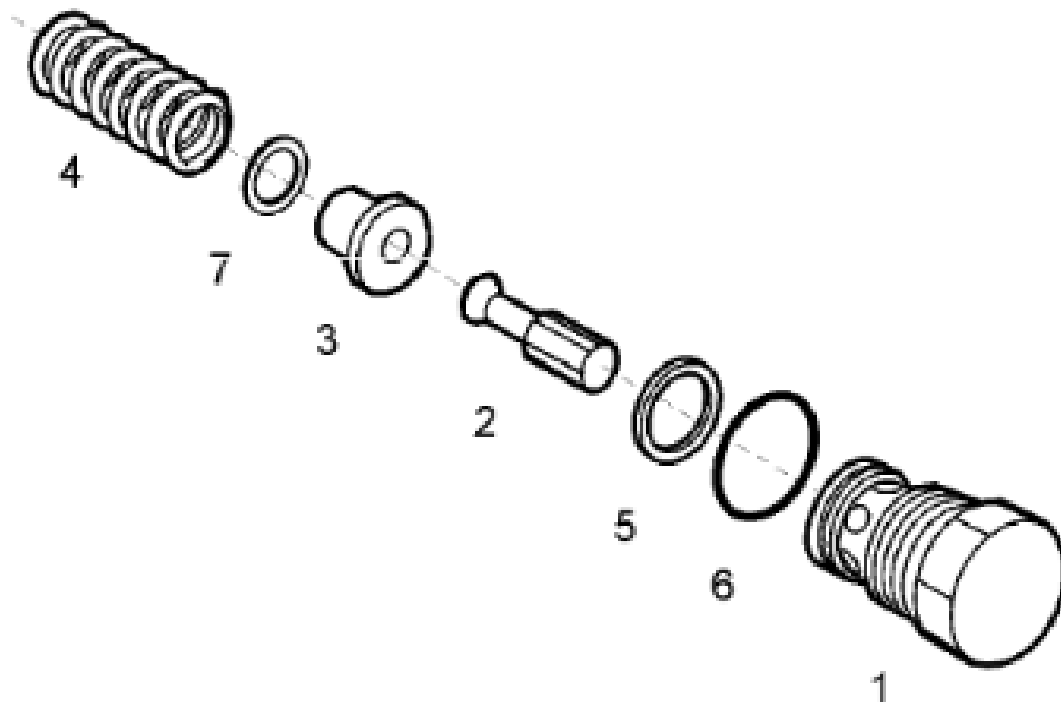
HD-85

TANDEM PUMP		Rotary Plate Complete		
S No	Part No	Description	Qty	Remarks
1	PP11102-05	Pressure Relief Valve Hd250-530ofp#250+/-30	2 ST	
2	7800001.031	Pressure Relief Valve	1 ST	
5	7800001.040	Port Plate	1 ST	
7	PP11235.85	Socket-Head Screw	4 ST	
8	7800001.001	Cylinder Pin Iso2338-6m6x16-St	2 ST	
11	7800001.129	Double Break-Off Plug N02.023-M 6	1 ST	
12	7800001.096	Locking Screw Zn10001-M14x1,5-N-St	1 ST	
26	7800001.083	O-Ring	2 ST	
35	7800001.094	Locking Screw Zn10001-M12x1,5-N-St	2 ST	
44	7800001.131	Plain Roller Bearing Rnu24,745x39x17	1 ST	
98	7800001.007	Seal Kit Port Plate With Valves	1 ST	

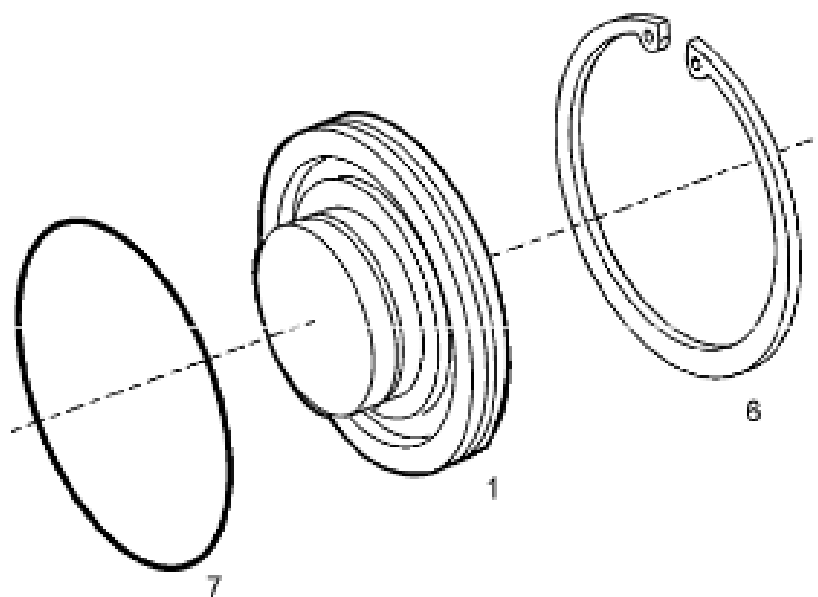
HD-85

TANDEM PUMP		Pressure Relief Valve		
S No	Part No	Description	Qty	Remarks
1	PP11235.160	Locking Screw 52113.0501	1 ST	
2	7800001.012	Valve Collar 52113.0516	1 ST	
3	7800001.011	Valve Spindle 52113.0516	1 ST	
4	7800001.022	Spring Loading Nut 52113.0516	1 ST	
5	7800001.135	Pressure Spring '4,50/ 14,80/ 44,94'	1 ST	
6	7800001.113	Spring, Cone-Shaped Kegelig 52113.0500	1 ST	
7	7800001.023	Threaded Pin 52113.0516	1 ST	
9	7800001.078	O-Ring 23,47x2,62-S-Nbr90&	1 ST	
10	7800001.132	Back-Up Ring 20,1x25 X1,4	1 ST	

POSITION PISTON COMPLETE



ROTARY PLATE COMPLETE



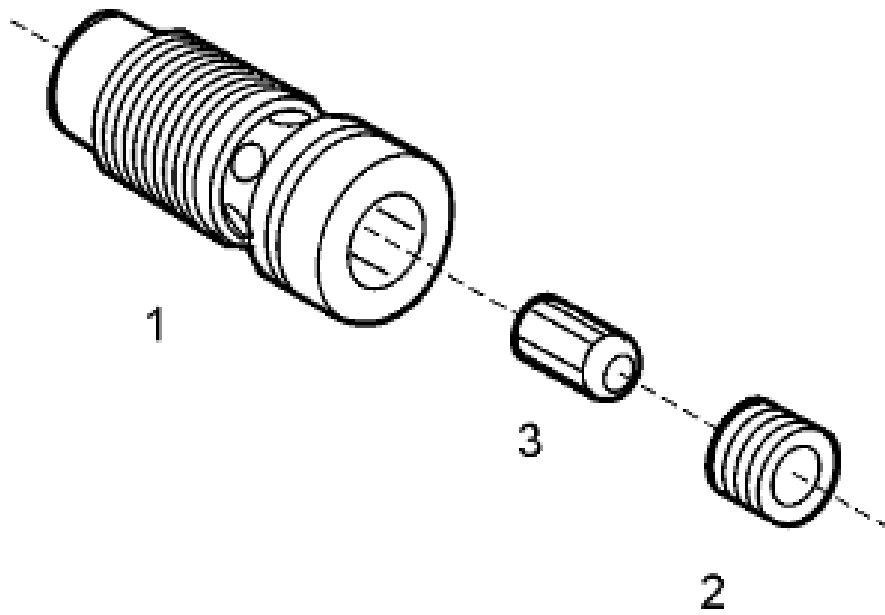
HD-85

TANDEM PUMP		Position Piston Complete		
S No	Part No	Description	Qty	Remarks
1	7800001.030	Locking Screw 52112.1009	1 ST	
2	7800001.116	Valve Piston 52112.1010	1 ST	
3	7800001.010	Spring Collar 52112.1011	1 ST	
4	7800001.117	Pressure Spring ' 2,40/ 13,00/ 27,00'	1 ST	
5	7800001.065	Steel Sealing Ring	1 ST	
6	7800001.098	O-Ring	1 ST	
7	7800001.093	Shim	1 ST	
7	7800001.101	Shim	1 ST	
7	7800001.092	Shim	1 ST	

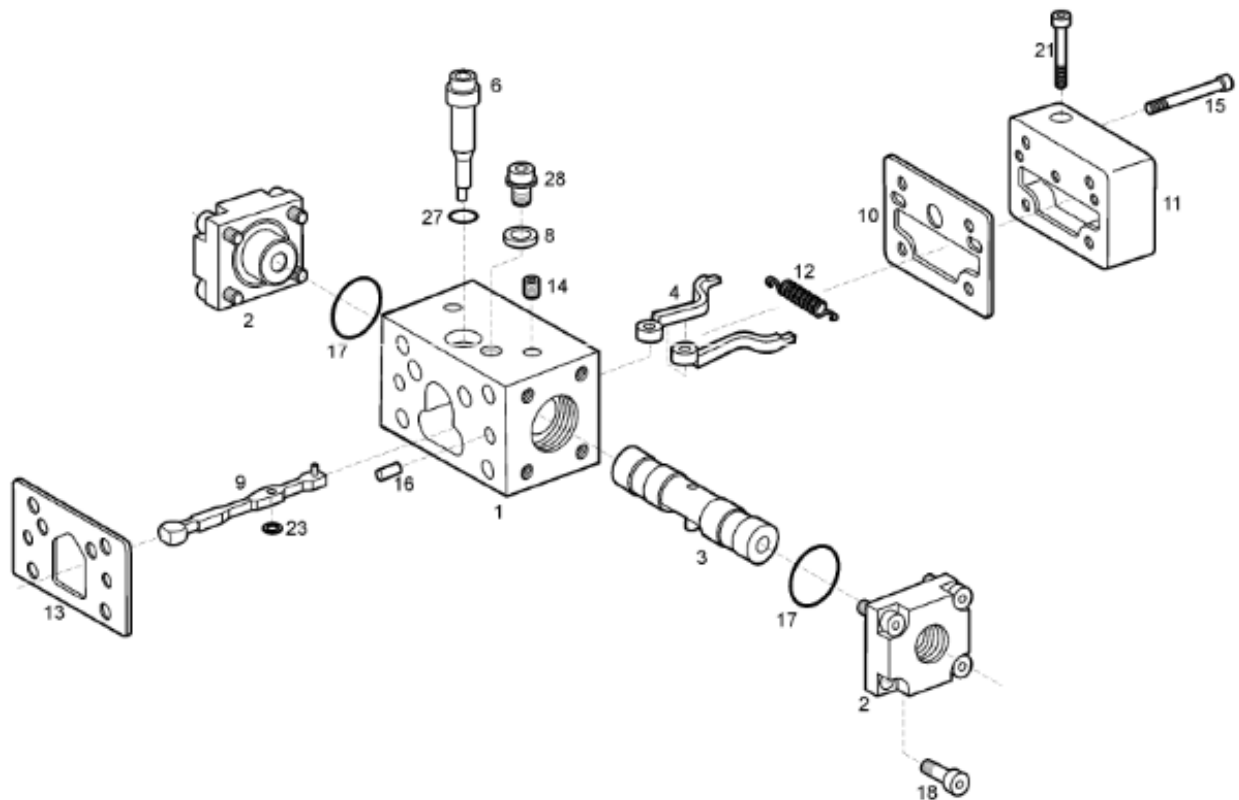
HD-85

TANDEM PUMP		Rotary Plate Complete		
S No	Part No	Description	Qty	Remarks
1	PP11235.61	Cover 55614.5012	1 ST	
6	PP11235.173	Retaining Ring Din472-98x3	1 ST	
7	PP11235.117	O-Ring 94,97 X 1,78-S-Nbr70&	1 ST	

THROTTLE VALVE



CONTROL MODULE



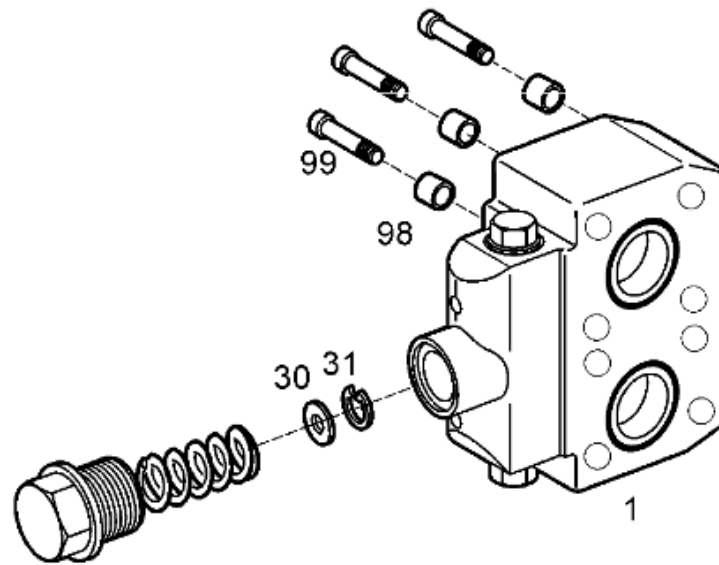
HD-85

TANDEM PUMP		Throttle Valve		
S No	Part No	Description	Qty	Remarks
1	PP11235.59	Valve Screw	1 ST	
2	PP11235.07	Threaded Pin	1 ST	
3	PP11235.145	Throttle Pin	1 ST	

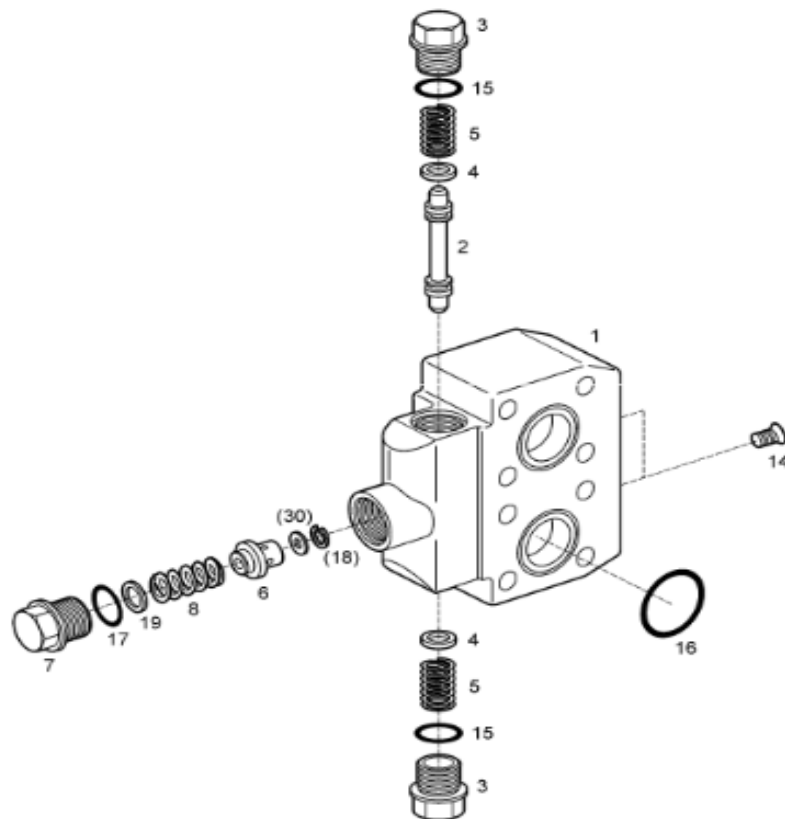
HD-85

TANDEM PUMP		CONTROL MODULE		
S No	Part No	Description	Qty	Remarks
1	PP11235.57	Housing 'R'	1 ST	
2	PP11235.55	Assembly Piece 42715.4800	2 ST	
3	PP11235.41	Control Piston With Cyl.Pin M. Zyl.-St	1 ST	
4	PP11235.47	Lever Pair 'R' 42722.0121	1 ST	
6	PP11235.65	Eccentric Pin 42718.4201	1 ST	
8	PP11235.36	Shim 42715.3800	1 ST	
9	PP11235.60	Feedback Lever With Needle Roller	1 ST	
10	PP11235.81	Gasket 60x41 P-2-Bohr.6,3-F&	1 ST	
11	PP11235.58	Cover With Filter Mit Filter	1 ST	
12	PP11235.40	Draw Spring 42715.4101	1 ST	
13	7800001.068	Gasket	1 ST	
14	7800001.063	Plug	2 ST	
15	7800001.084	Socket-Head Screw Din912-M6x65-8.8	4 ST	
16	7800001.091	Cylinder Pin Din6325-6x14	2 ST	
17	PP11235.92	O-Ring	2 ST	
18	7800001.074	Socket-Head Screw Din6912-M5x 10-8.8	8 ST	
21	PP11235.83	Socket-Head Screw Din912-M6x45-8.8	1 ST	
23	PP11235.46	Shim	1 ST	
23	PP11235.45	Shim	1 ST	
23	PP11235.44	Shim	1 ST	
23	PP11235.43	Shim '1,00'	1 ST	
23	PP11235.42	Shim '0,80'	1 ST	
23	PP11235.48	Shim '0,60'	1 ST	
27	7800001.086	O-Ring	1 ST	
28	PP11235.79	Socket-Head Screw Din912-M5x8-8.8	1 ST	
98	PP11235.04	Seal Kit Control Module	1 ST	

SVF75S/10MV16C3D4H16D-0



FLUSH & BOOST PRESSURE VALVE



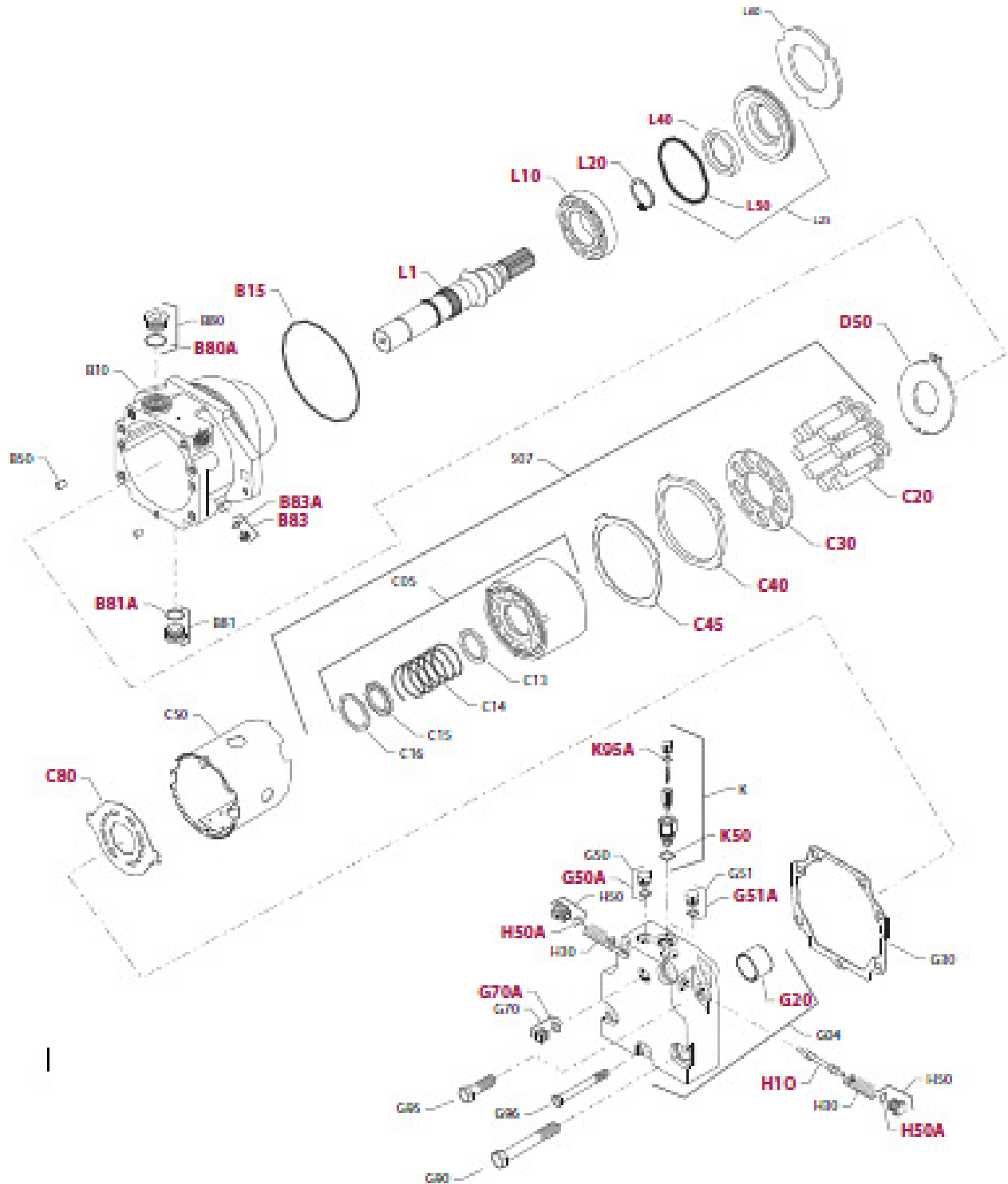
HD-85

TANDEM PUMP		SVF75S/10MV16C3D4H16D-0		
S No	Part No	Description	Qty	Remarks
1	PP11235.69	Flush & Boost Pressure Valve W/O	1 ST	
30	PP11235.33	Orifice ' 1,6/8,0' 50312.0101	1 ST	
31	PP11235.109	Retaining Ring Din 472- 8x0,8	1 ST	
98	PP11235.62	Spacer Bush 23119.0000	8 ST	
99	PP11235.84	Socket-Head Screw Din912-M10x70-8.8	8 ST	

HD-85

TANDEM PUMP		Flush & Boost Pressure Valve		
S No	Part No	Description	Qty	Remarks
1	PP11235.37	Valve Plate	1 ST	
2	PP11235.11	Flushing Piston	1 ST	
3	PP11235.123	Locking Screw	2 ST	
4	PP11235.124	Washer	2 ST	
5	PP11235.14	Pressure Spring	2 ST	
6	PP11235.127	Valve Piston	1 ST	
7	PP11235.125	Locking Screw	1 ST	
8	PP11235.126	Pressure Spring	1 ST	
14	PP11235.172	Double Break-Off Plug N02.023-M10	1 ST	
15	PP11235.105	O-Ring	2 ST	
16	PP11235.101	O-Ring	2 ST	
17	PP11235.107	O-Ring	1 ST	
19	PP11235.119	Shim	1 ST	
19	PP11235.120	Shim	1 ST	
19	PP11235.118	Shim	1 ST	

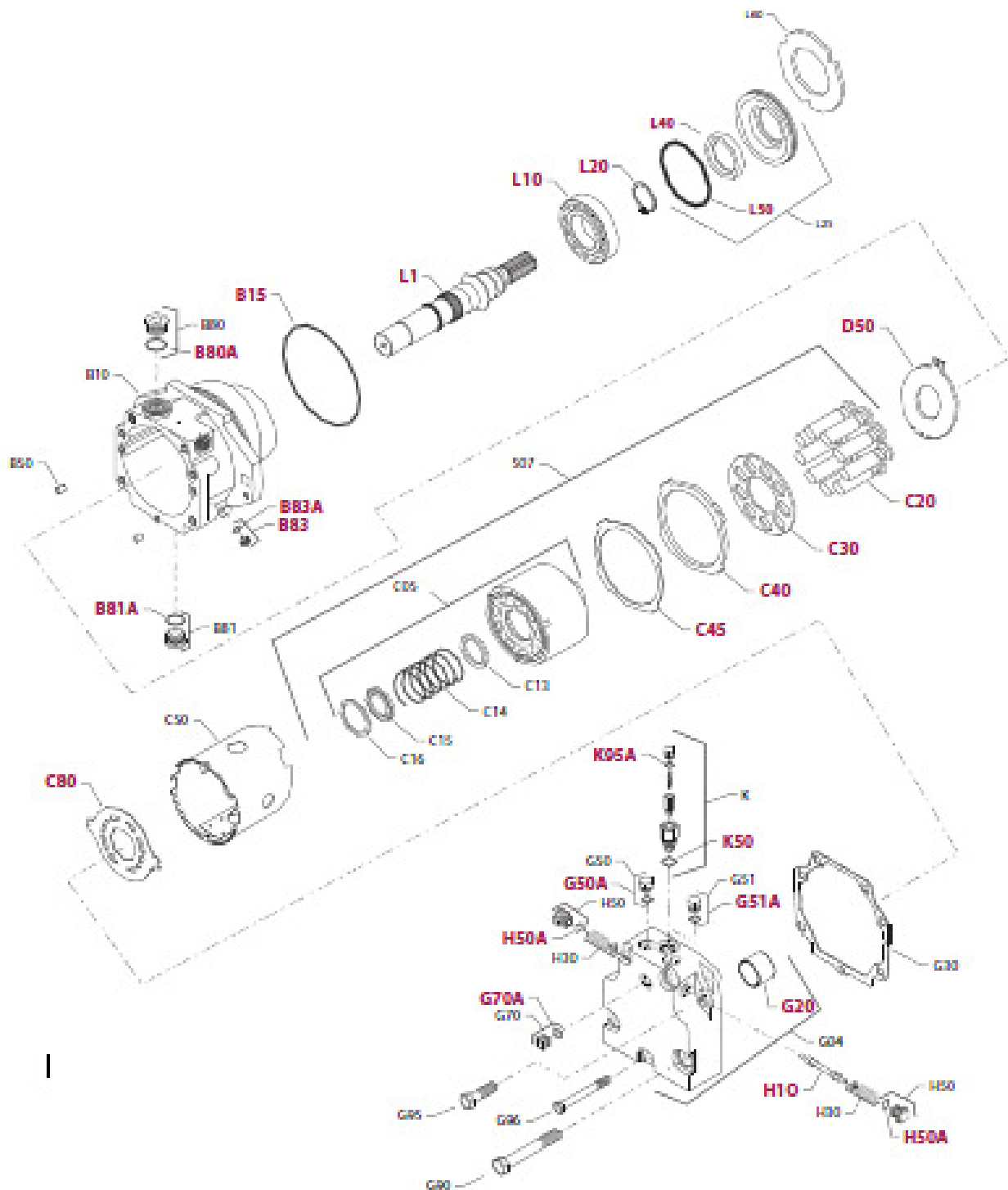
TRAVEL MOTOR C83636B40070



HD-85

		Travel Motor C83636b40070		
S No	Part No	Description	Qty	Remarks
B10	36-B-4-007.001	Fixed Housing, Cartridge	1	
B15	36-B-4-007.002	O-Ring	1	
B50	36-B-4-007.003	Pin	2	
B80	36-B-4-007.004	Plug Assembly	1	
B80A	36-B-4-007.005	O-Ring	1	
B81	36-B-4-007.004	Plug Assembly	1	
B81A	36-B-4-007.005	O-Ring	1	
B83	36-B-4-007.006	Plug Assembly	1	
B83A	36-B-4-007.007	O-Ring	1	
C05	36-B-4-007.008	Cylinder Block Assembly	1	
C13	36-B-4-007.009	Spring Seat	1	
C14	36-B-4-007.010	Spring	1	
C15	36-B-4-007.011	Spring Retainer	1	
C16	36-B-4-007.012	Retaining Ring	1	
C20	36-B-4-007.013	Welded Piston	9	
C30	36-B-4-007.014	Slipper Guide	1	
C40	36-B-4-007.015	Slipper Guide Retainer	1	
C45	36-B-4-007.016	Slipper Guide Retainer Shim	1	
C50	36-B-4-007.017	Holddown Tube	1	
C80	36-B-4-007.018	Valve Plate	1	
D50	36-B-4-007.019	Thrust Plate	1	
G04	36-B-4-007.020	End Cap Assembly, Twin Ports	1	
G20	36-B-4-007.021	Journal Bearing	1	
G30	36-B-4-007.022	End Cap Gasket	1	
G50	36-B-4-007.023	Plug	1	
G50A	36-B-4-007.007	O-Ring	1	
G51	36-B-4-007.023	Plug	1	
G51A	36-B-4-007.007	O-Ring	1	
G70	36-B-4-007.006	Plug Assembly	1	
G70A	36-B-4-007.007	O-Ring	1	
G90	36-B-4-007.024	Screw	4	
G95	36-B-4-007.025	Screw	2	
G96	36-B-4-007.026	Screw	1	
H10	36-B-4-007.027	Shuttle Spool	1	
H30	36-B-4-007.028	Spring Guide Assembly	2	
H50A	36-B-4-007.007	O-Ring	2	
H50	36-B-4-007.029	Plug Assembly	2	
K	36-B-4-007.030	Charge Relief Valve Kit	1	
K50	36-B-4-007.005	O-Ring	1	
K95A	36-B-4-007.007	O-Ring	1	
L10	36-B-4-007.031	Roller Bearing	1	
L20	36-B-4-007.032	Ring	1	
L25	36-B-4-007.033	Seal Carrier Assembly	1	
L40	36-B-4-007.034	Lip Seal	1	

TRAVEL MOTOR C83636B40070



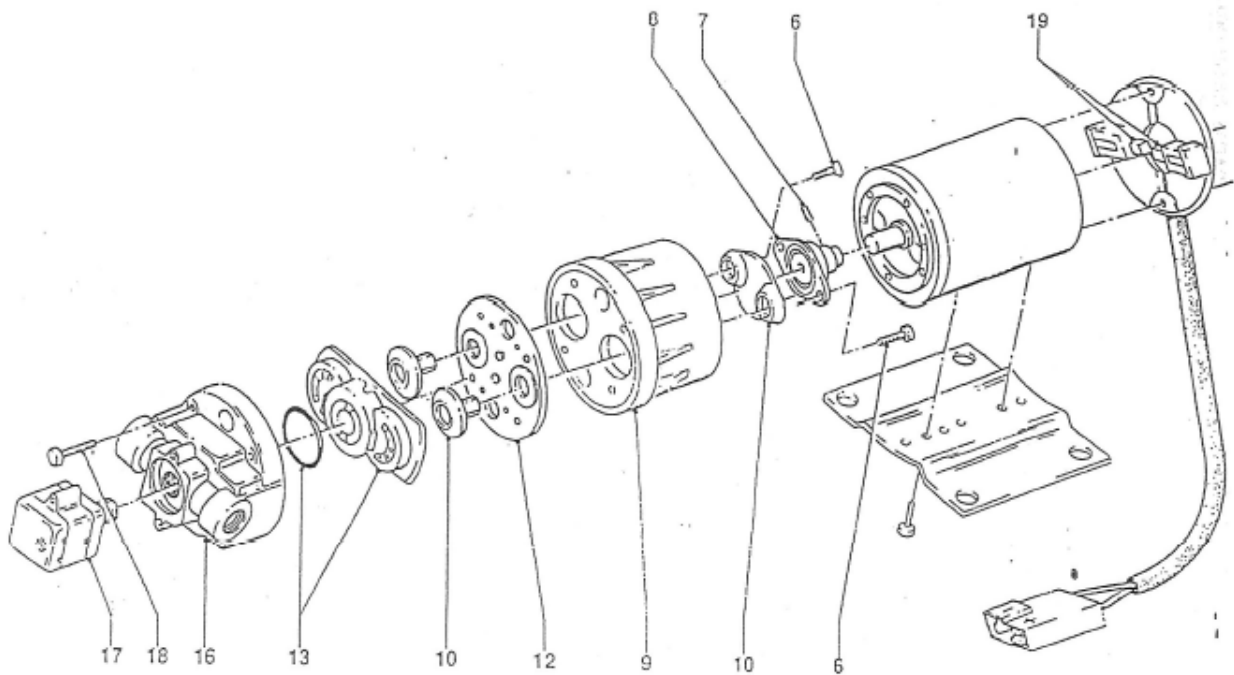
HD-85

		Travel Motor C83636b40070		
S No	Part No	Description	Qty	Remarks
L50	36-B-4-007.035	O-Ring	1	
L60	36-B-4-007.036	Retainer Plate	1	
L70	36-B-4-007.037	Socket Head Screw, M6 X 20	3	
L100	36-B-4-007.038	Shaft, 14 Tooth Spline	1	
S07	36-B-4-007.039	Cylinder Block Kit	1	
-	36-B-4-007.040	Overhaul Seal Kit	1	
B15	36-B-4-007.002	O-Ring	1	
G30	36-B-4-007.022	End Cap Gasket	1	
H50A	36-B-4-007.007	O-Ring	2	
K50	36-B-4-007.005	O-Ring	1	
L40	36-B-4-007.034	Lip Seal	1	
L50	36-B-4-007.035	O-Ring	1	

HD-85

		Vibration Motor C7402920		
S No	Part No	Description	Qty	Remarks
1	PP 11103.05	Rotary Group	1ST	
5	PP 11103.06	Pump Housing	1ST	
6	PP 11103.07	Port Plate	1ST	
7	PP 11103.08	Cam Plate	1ST	
8	PP 11103-02	Drive Shaft	1ST	
12	PP 11103.09	Adj Ustment Shim	1ST	
14	PP 11103.10	Stop Ring 10V 45	1ST	
15	PP 11103.11	Tape Red-Roller Bearing	1ST	
16	PP 11103.12	Tape Red-Roller Bearing	1ST	
20	PP 11103-01	Shaft Seal Ring	1ST	
22	PP 11103-04	O-Ring (120X2,5-V80)	1ST	
25	PP 11103.14	Retaining Ring {40X1,75 Aehn L.Din 984)	1ST	
27	PP 11103.15	Socket-Head Screw	4ST	
30	PP 11103.16	Lock Ing Screw (Zn10007-7/8- 14-F)	1ST	
33	PP 11103.17	Cylinder Pin (Is08734-6X18-A- St So&)	1ST	
35	PP 11103.18	Cylinder Pin (10 M 6X 20 Din 6325)	2 ST	

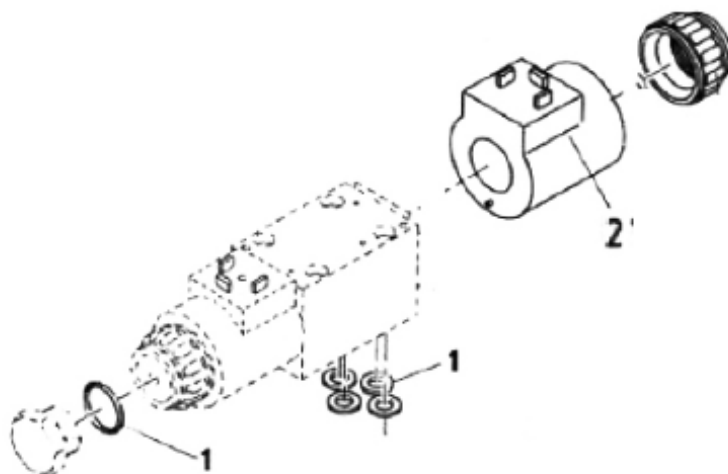
WATER PUMP ASSY C7402422



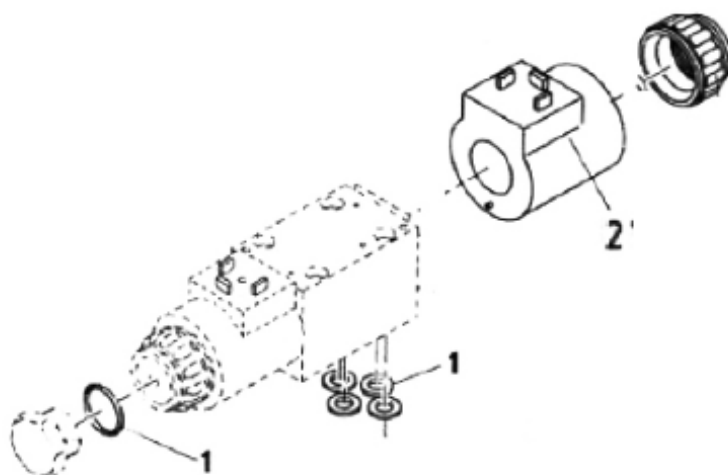
HD-85

		Water Pump Assy C7402422		
S No	Part No	Description	Qty	Remarks
1	36B4004	Hydraulic Traction Drive	2	
2	131.20X90-8.8G	Bolt Hex	18	
3	N6.20	Nut Nylock	18	
4	W2.16	Washer Spring	68	
5	B1.16X45-8.8G	Hex Bolt	36	
6	B1.16X45-8.8G	Hex Bolt	32	
7	36-M-2-001C	Motor Mounting (Machined)	2	
7.1	36-C-2-015B	Motor Mounting (Casting)	2	
8	36-C-2-015B	Motor Mounting (Casting)	2	
8.1	36-C-2-016	Motor Mounting (Casting)	2	
9	S1.20X35-8.8G	Screw Hex	16	
10	4513128	Plate	2	
11	435120	Rubber Buffer	4	
12	S1.16X40-12.9G	Screw Allen	12	
13	B1.16X110-8.8G	Bolt Hex	4	
14	W2.16	Washer Spring	12	
15	324353	Rubber Metal Buffer	16	
16	1210106	Washer	16	
17	N1.16-8G	Nut Hex	16	
18	S1.16X30-8.8G	Screw Hex	16	
19	W2.16	Washer Spring	16	
20	00778419C	Suspension	2	
21	00778427C	Suspension	2	
22	00451320C	Steel Flat	4	
23	B1.16X90-8.8G	Bolt Hex	16	
24	N1.16-8G	Nut Hex	16	
25	00337609A	O Ring	2	
26	PP11103	Vibration Motor	2	
27	S8.14X35-12.9G	Screw Allen	4	
28	545627	Washer	4	
29	00441740A	Spline Coupling	2	
30	00422584C	Washer	2	
31	IBAO4C0060	Cheese Head Screw	1	
32	451339	Coupling	2	
33	217735	Circlip	4	
34	00441724D	Cover	2	
35	00441732C	Screw Plug	2	
36	219509	Copper Washer	2	
37	00200433A	Vent Cap (Breather)	2	
38	219371	Copper Washer	2	
39	00220280A	Elbow	2	
40	223425	Screw Plug	2	
42	36-C-1-098C	Cover Plate	2	
43	S1.08X20-8.8G	Screw Hex.	12	
44	W2.08	Washer Spring	12	
45	W1.08	Washer Plain	12	

SINGLE SOLENOID VALVE C7401727



DOUBLE SOLENOID VALVE C8PP11110000



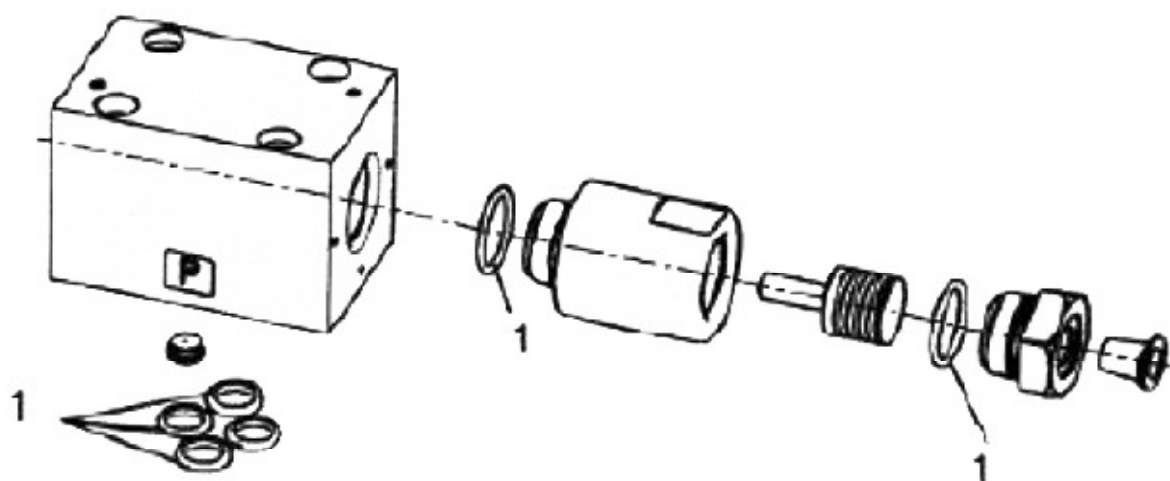
HD-85

		Single Solenoid Valve C7401727		
S No	Part No	Description	Qty	Remarks
1	R900357573	Seal Kit We 6.6X/E	1set	
2	R900021388	Solenoid Coil Gz45-4 12V	1 no.	

HD-85

		Double Solenoid Valve C8PP11110000		
S No	Part No	Description	Qty	Remarks
1	R900357573	Seal Kit We 6.6X/E	1set	
2	R900021388	Solenoid Coil Gz45-4 12V	2 no.	

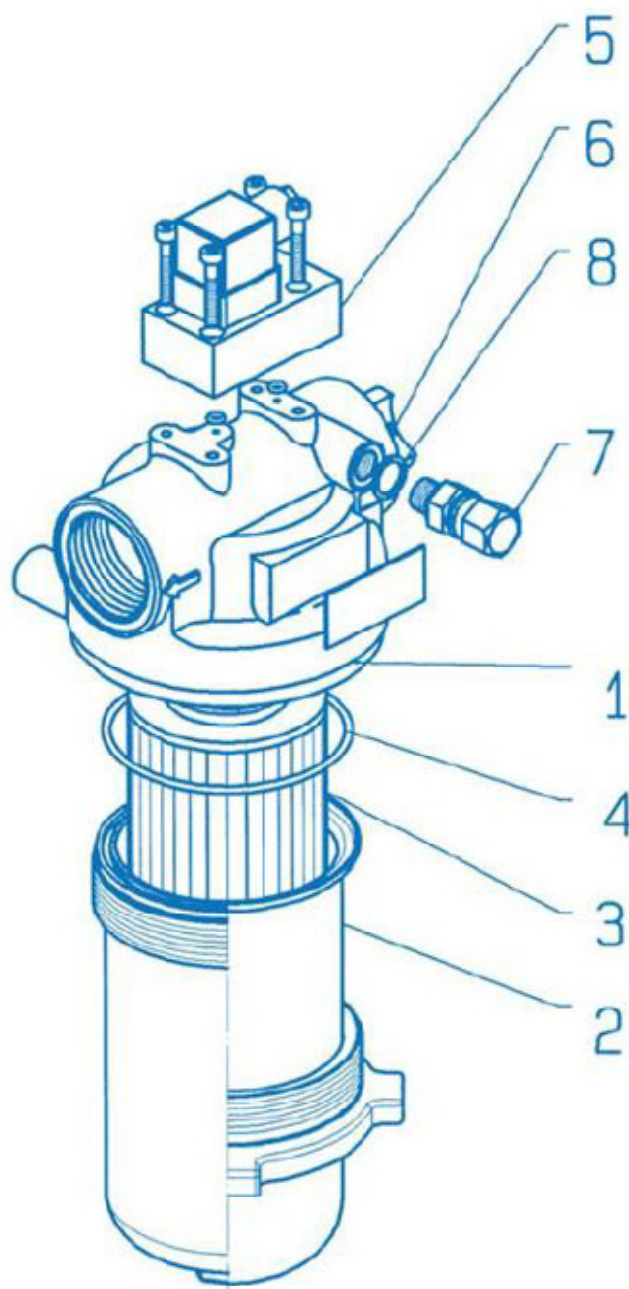
PILOT OPERATED DCV C8PP11158000



HD-85

		Pilot Operated Dcv C8pp11158000		
S No	Part No	Description	Qty	Remarks
1	R900357573	Seal Kit We 6.6X/E	1set	

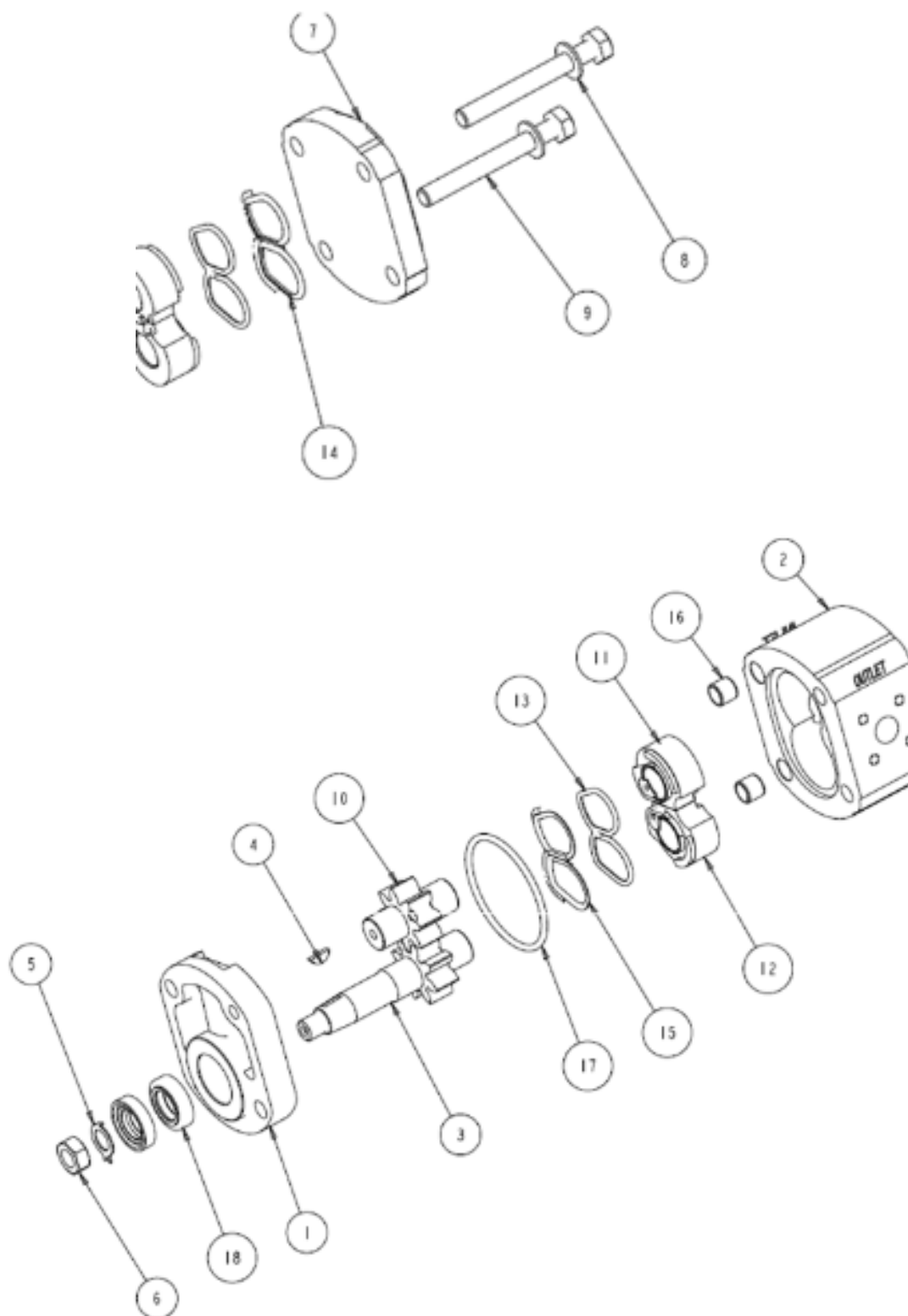
HYDRAULIC FILTER C8PP11158000



HD-85

		Hydraulic Filter C8pp11158000		
S No	Part No	Description	Qty	Remarks
-	PP11158	Filter	0	
1		Filter Head	1	
2		Filter Bowl	1	
3	PP11159	Filter Element	1	
4		O- Ring	1	
5		Seal	1	
6		Bypass Valve*	1	
7		Vent Valve	1	
8		Seal Ring	1	
9		Plug For Design Without Indicator	2	

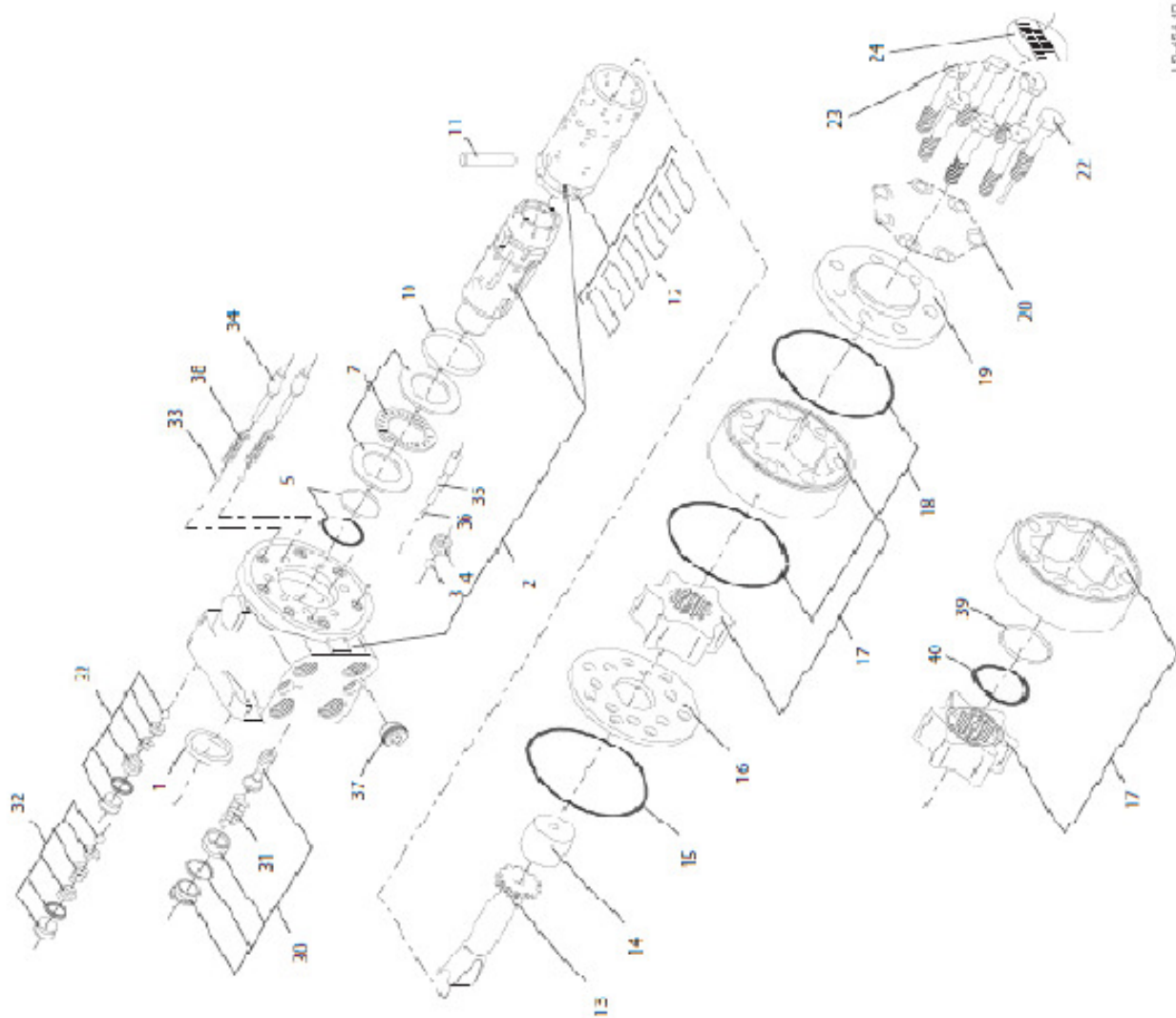
STEERING PUMP C83623008100



HD-85

		Steering Pump C83623008100		
S No	Part No	Description	Qty	Remarks
7		Cover Ip P4000	1	NSS
8		Washer Spring	2	NSS
9		Hex Bolt 3/8" X 84	2	NSS
10	00230081/04	Driven Gear	1	
11		Comp Bush Sub- Assy (LH)	2	NSS
12		Comp Bush Sub- Assy (RH)	2	NSS
13		Seal Lobe Ip Nitrile	2	PART OF SEAL KIT
14		Seal Backing Ring Ip LH	2	PART OF SEAL KIT
15		Seal Backing Ring Ip RH	2	PART OF SEAL KIT
16		Hollow Dowel Ip	2	NSS
17		Seal Body Ip Nitrile	2	PART OF SEAL KIT
18		Seal Shaft Ip Nitrile	2	PART OF SEAL KIT
-	V12.11.0145K	Seal Kit	0	
1		Flange Ip Ktl	1	NSS
2		Body 1P4036 Single	1	NSS
3	00230081/01	Drive Shaft And Gear	1	
4	00230081/02	Wood Ruff Key	1	
5		Nesher Tab	1	NSS
5	100230081/03	Nut Lock M22X1.5	1	

STEERING UNIT C8PP11748000

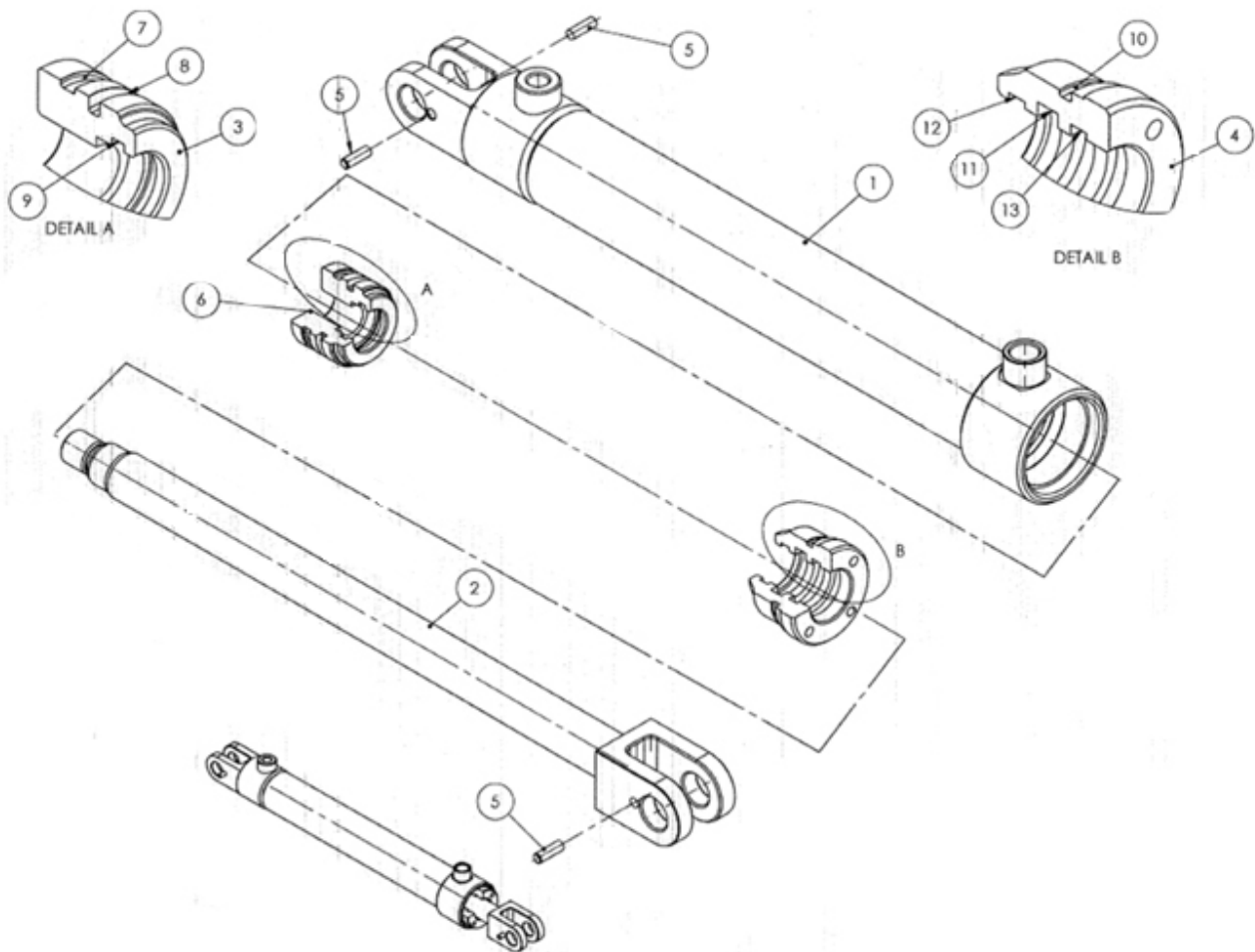


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HD-85

		Steering Unit C8pp11748000		
S No	Part No	Description	Qty	Remarks
1		Dust seal Ring	1	N.S.S
2		Housing,spool and sleeve	1	N.S.S
3		Ball (8.5 mm)	1	N.S.S
4		Thread Bushing	1	N.S.S
5		Shaft Seal	1	N.S.S
7		Bearing	1	N.S.S
10		Ring	1	Available In Seal Kit SPY 2121.000
11		Cross Pin	1	N.S.S
12		Set Of Springs	1	N.S.S
13		Cardan Shaft	1	Available In Seal Kit SPY 2121.000
14		Spacer	1	N.S.S
15		O-Ring	1	Available In Seal Kit SPY 2121.000
16		Distnbutor Plate	1	N.S.S
17		Gear Wheel Set	1	N.S.S
18		O-Ring	2	N.S.S
19		End cover	1	N.S.S
20		Washer	7	N.S.S
22		Special Screw	1	N.S.S
23		Screws	6	N.S.S
24		Name plate	1	N.S.S
26		Spacer	1	N.S.S
27		Intermediate Plate	1	N.S.S
30		Relief Valve	1	N.S.S
31		Spring For Relief Valve	1	N.S.S
32		Complete Shock valve	2	N.S.S
33		Ball3/16 in	2	N.S.S
34		Pin for Suction Valve	2	Available In Seal Kit SPY 2121.000
35		LS Check Valve, Screw	1	Available In Seal Kit SPY 2121.000
36		LS Check Valve	1	N.S.S
37		Check Valve	1	N.S.S
38		Springs for Suction Valve	2	N.S.S
39		SealRing	1	N.S.S
40		O-Ring	1	N.S.S

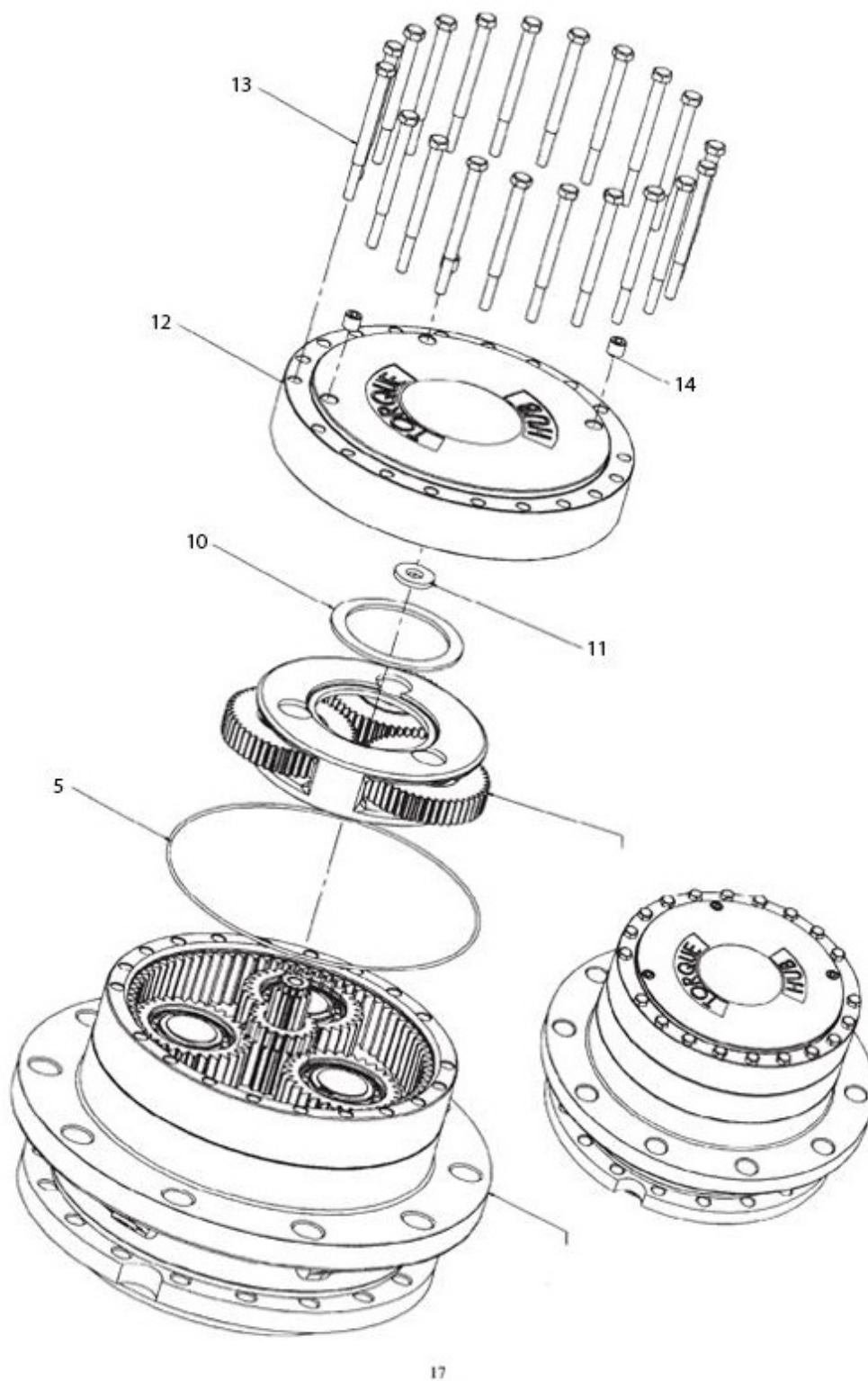
STEERING CYLINDER ASSY C836455982C0



HD-85

		Steering Cylinder Assy C836455982C0		
S No	Part No	Description	Qty	Remarks
1	00455982/01	Tube Final Weld ment	1	
2	00455982/02	Piston Rod Weldment	1	
3	00455982/03	Piston	1	
4	00455982/04	Gland	1	
5	00455982/05	Spring Pinfh	3	
6	00455982/06	Grub Screw	1	
7		Slyd Ring	1	N.S.S
8		Piston Seal Glyd ring	1	N.S.S
9		"O" Ring	1	N.S.S
10		"O" Ring	1	N.S.S
11		Rod Seal	1	N.S.S
12		Slyd Ring	1	N.S.S
13		Wiper Seal	1	
14	SDM.2378.000	Seal Kit Consists 7 to 13	1	
1	00455982/01	Tube Final Weld ment	1	

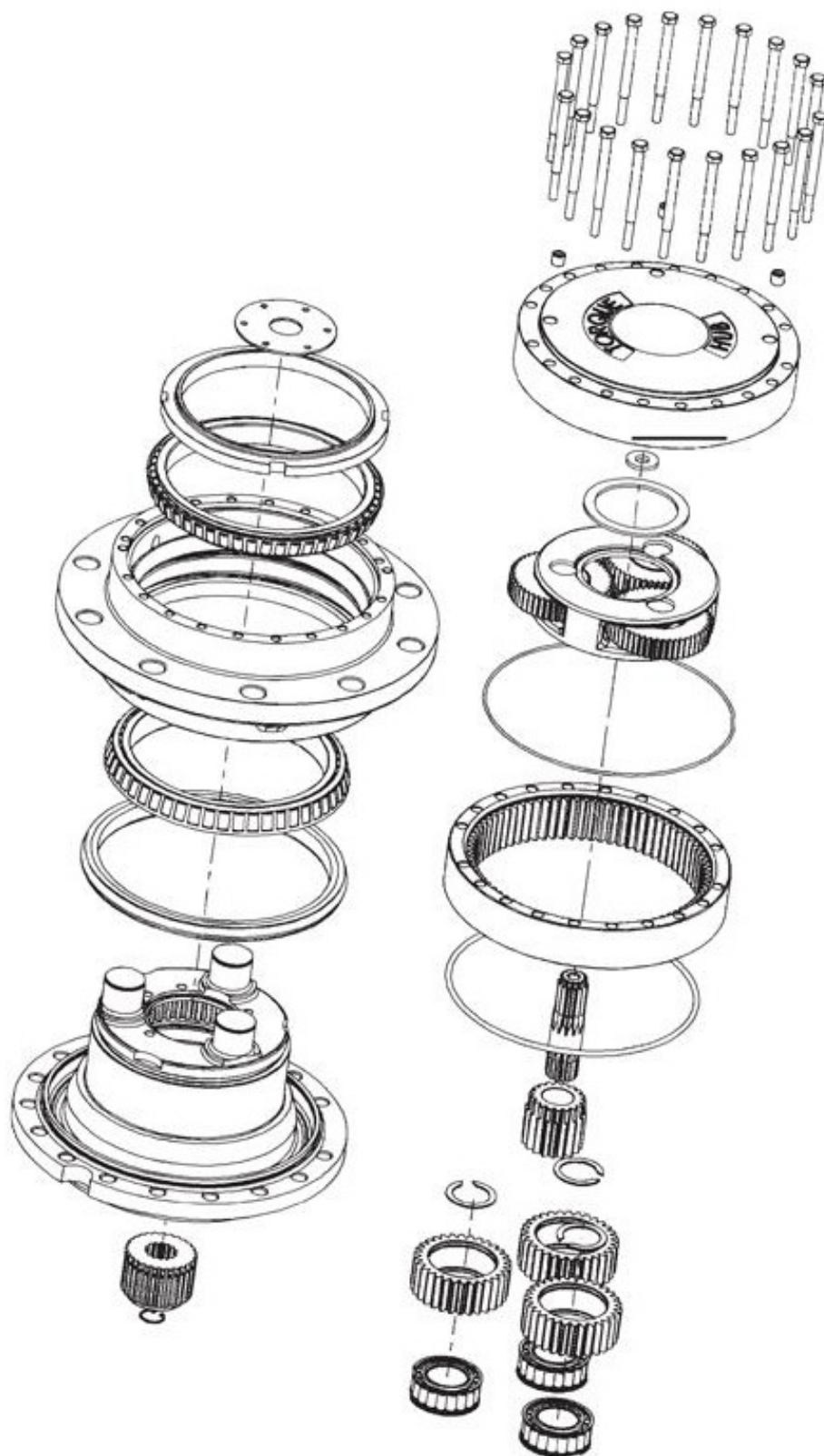
TORQUE HUB-1 C836B4006000



HD-85

		Torque Hub -1 C836b4006000		
S No	Part No	Description	Qty	Remarks
5	36-B-4-006/01	O-Ring	1	
13	36-B-4-006/16	Bolt	20	
12	36-B-4-006/32	Cover Plate	1	
11	36-B-4-006/33	Thrust Washer	1	
10	36-B-4-006/34	Thrust Washer	1	
14	36-B-4-006/37	Plug	3	

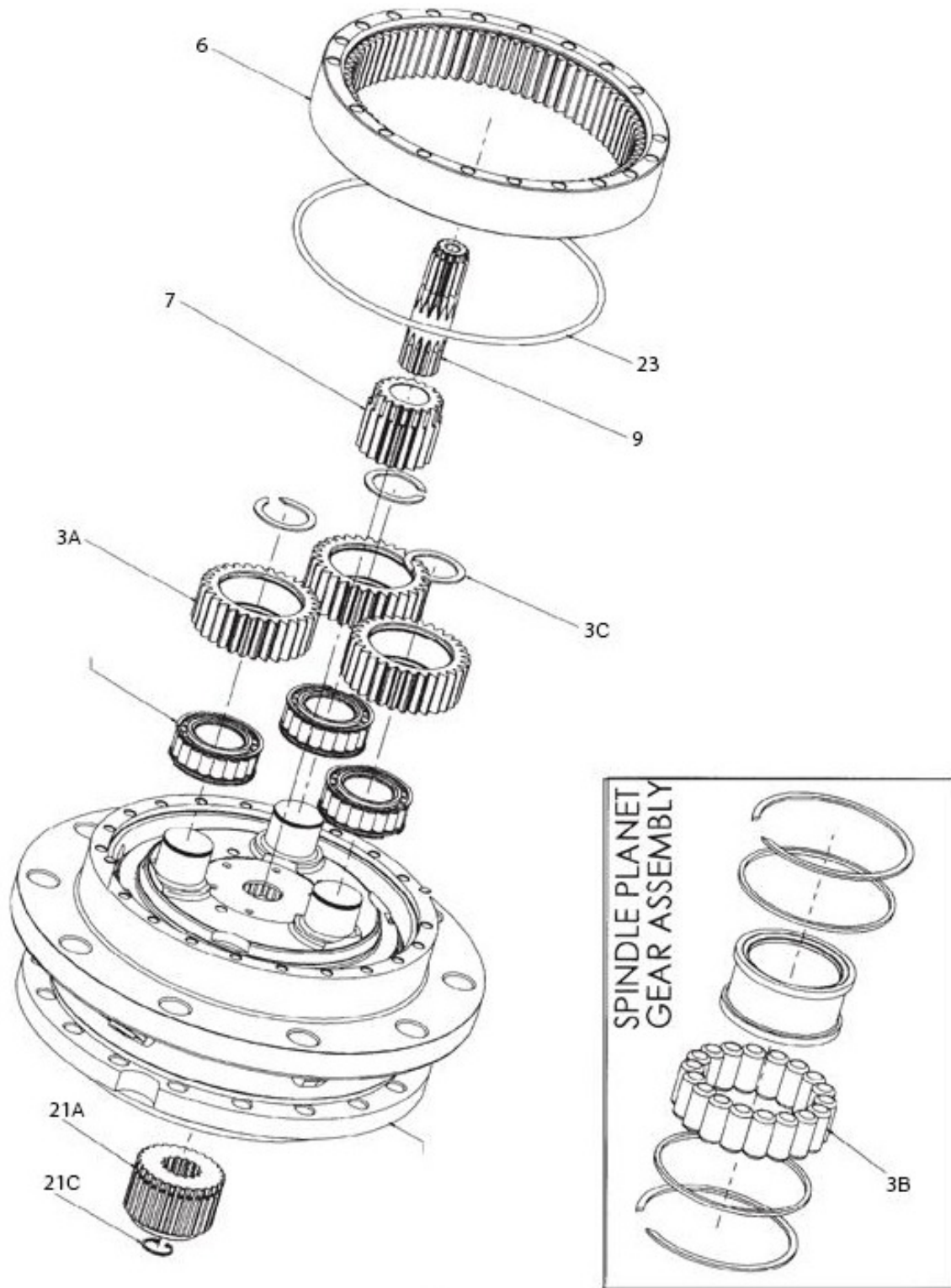
TORQUE HUB-2 C836B4006000



HD-85

		Torque Hub -2 C836b4006000		
S No	Part No	Description	Qty	Remarks
5	36-B-4-006/01	O-Ring	1	
23	36-B-4-006/02	O-Ring	1	
1B	36-B-4-006/03	Seal, Face	1	
1N	36-B-4-006/04	Stud	10	
21A	36-B-4-006/05	Coupling	1	
21C	36-B-4-006/06	Ret, Ring - Int	1	
18	36-B-4-006/07	Brake Input	1	
21B	36-B-4-006/08	Ret, Ring - Ext	1	
22	36-B-4-006/09	Plug, Plastic	1	
1A	36-B-4-006/10	Spindle	1	
1J	36-B-4-006/11	Nut, Brg Special	1	
1E1F	36-B-4-006/12	Bearing Tapered (Psl6103032)	1	
1C1D	36-B-4-006/13	Bearing Tapered (Psl610-308)	1	
1G	36-B-4-006/14	Housing	1	
4	36-B-4-006/15	Pin - Dowel	2	
13	36-B-4-006/16	Bolt	20	
1H	36-B-4-006/17	Pipe, Plug	2	
9	36-B-4-006/18	Sun Gear	1	
8A	36-B-4-006/19	Carrier	1	
8	36-B-4-006/20	Planet Gear	3	
7	36-B-4-006/21	Sun Gear	1	
3A	36-B-4-006/22	Planet Gear	3	
6	36-B-4-006/23	Ring Gear	1	
8D	36-B-4-006/24	Planet Shaft	3	
8B	36-B-4-006/25	Thrust Washer	12	
3B	36-B-4-006/26	Cyl Roller Bearing	3	
8C	36-B-4-006/27	Needle Bearing	57	
2	36-B-4-006/28	Thrust Spacer	1	
3C	36-B-4-006/29	Ret, Ring -Ext	3	
3D	36-B-4-006/30	Ret, Ring -Int	6	
8E	36-B-4-006/31	Pin, Groove	3	
12	36-B-4-006/32	Cover Plate	1	
11	36-B-4-006/33	Thrust Washer	1	
10	36-B-4-006/34	Thrust Washer	1	
15	36-B-4-006/35	Plate	1	
16	36-B-4-006/36	Screw, Plate	2	
14	36-B-4-006/37	Plug	3	

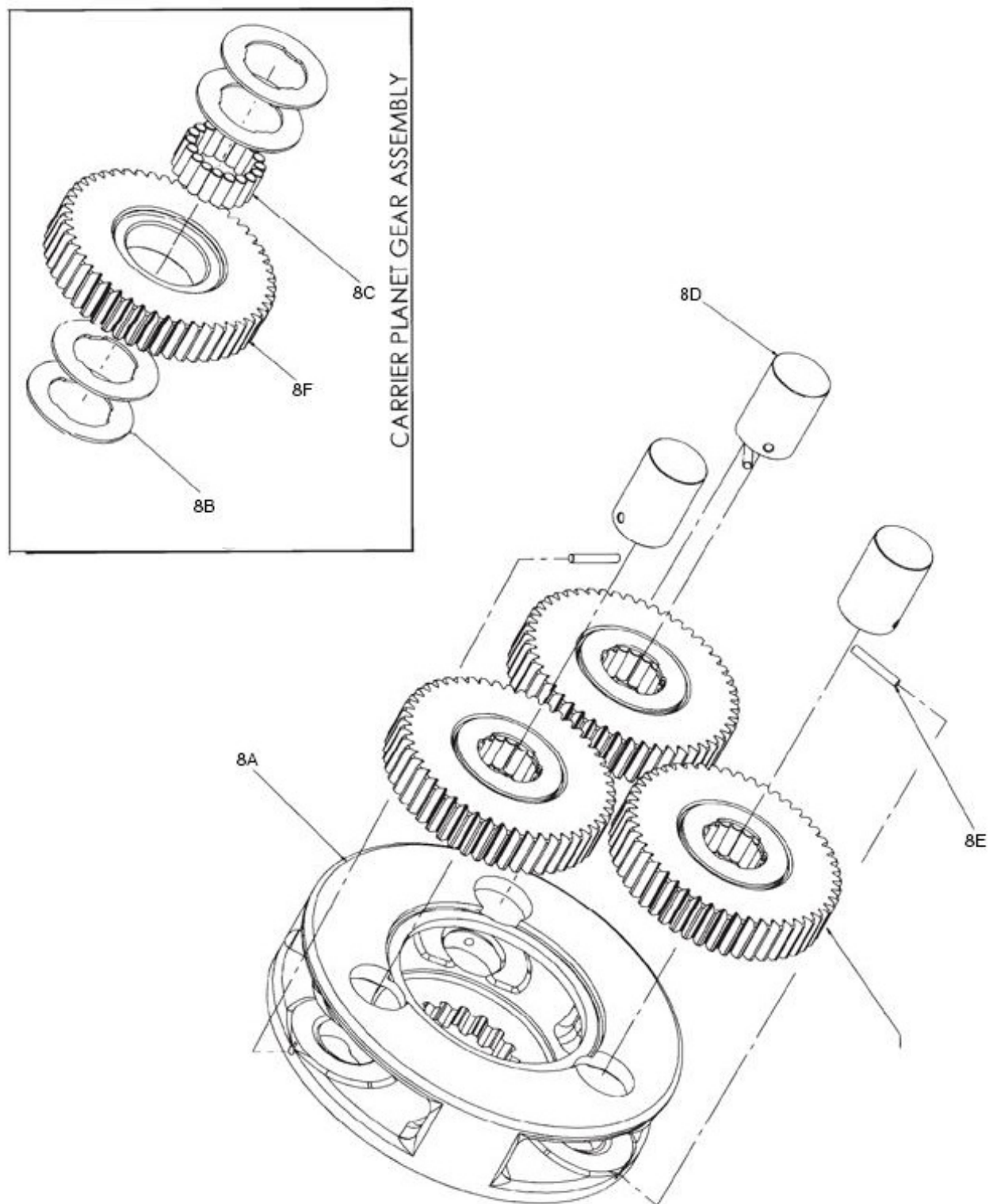
TORQUE HUB-3 C836B4006000



HD-85

		Torque Hub -3 C836b4006000		
S No	Part No	Description	Qty	Remarks
3C	36-B-4-006/29	Ret, Ring -Ext	3	
23	36-B-4-006/02	O-Ring	1	
21A	36-B-4-006/05	Coupling	1	
21C	36-B-4-006/06	Ret, Ring - Int	1	
9	36-B-4-006/18	Sun Gear	1	
7	36-B-4-006/21	Sun Gear	1	
3A	36-B-4-006/22	Planet Gear	3	
6	36-B-4-006/23	Ring Gear	1	
3B	36-B-4-006/26	Cyl Roller Bearing	3	

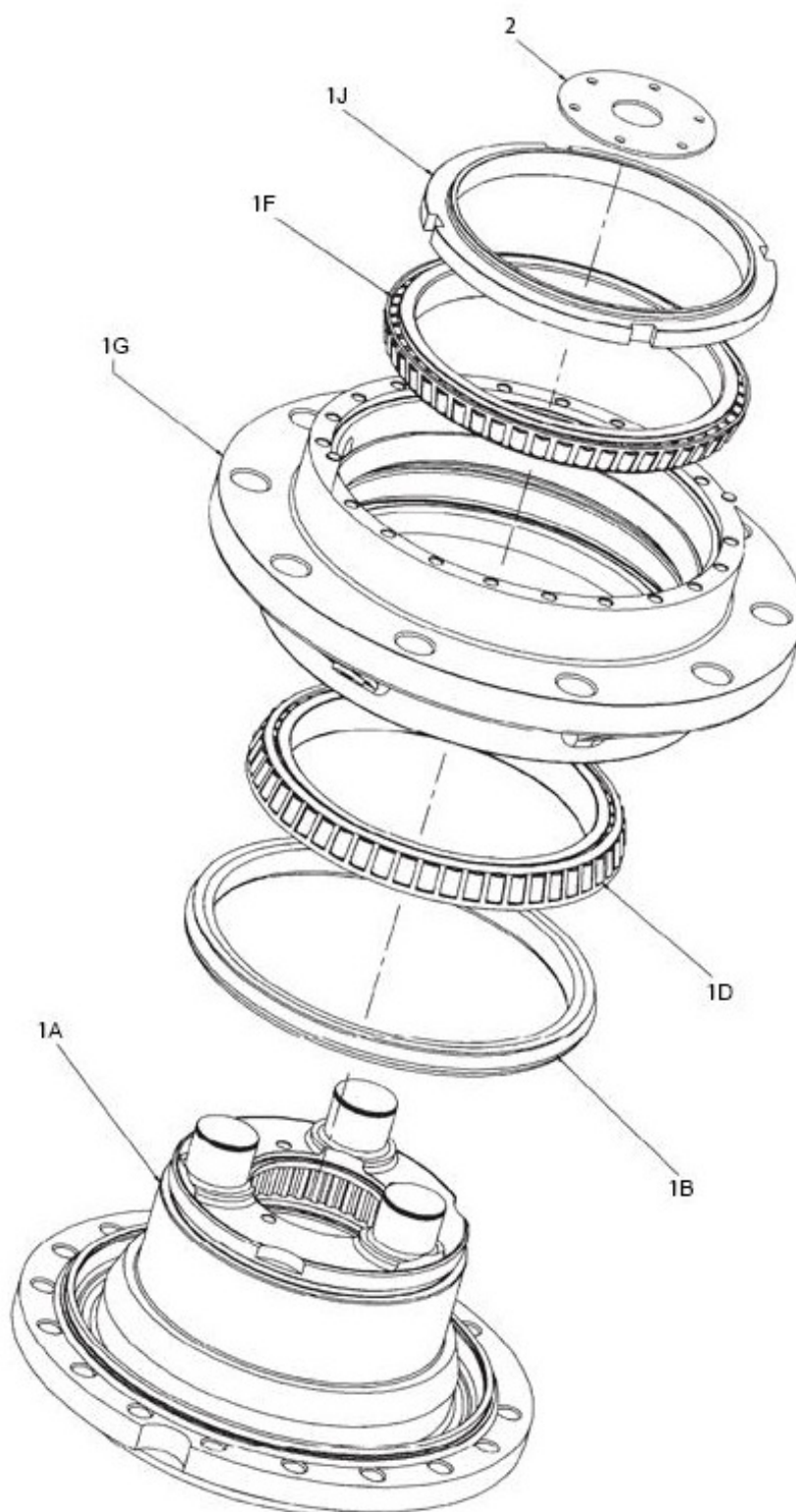
TORQUE HUB-4 C836B4006000



HD-85

		Torque Hub -4 C836b4006000		
S No	Part No	Description	Qty	Remarks
8D	36-B-4-006/24	Planet Shaft	3	
8A	36-B-4-006/19	Carrier	1	
8F	36-B-4-006/20	Planet Gear	3	
8B	36-B-4-006/25	Thrust Washer	12	
8C	36-B-4-006/27	Needle Bearing	57	
8E	36-B-4-006/31	Pin, Groove	3	

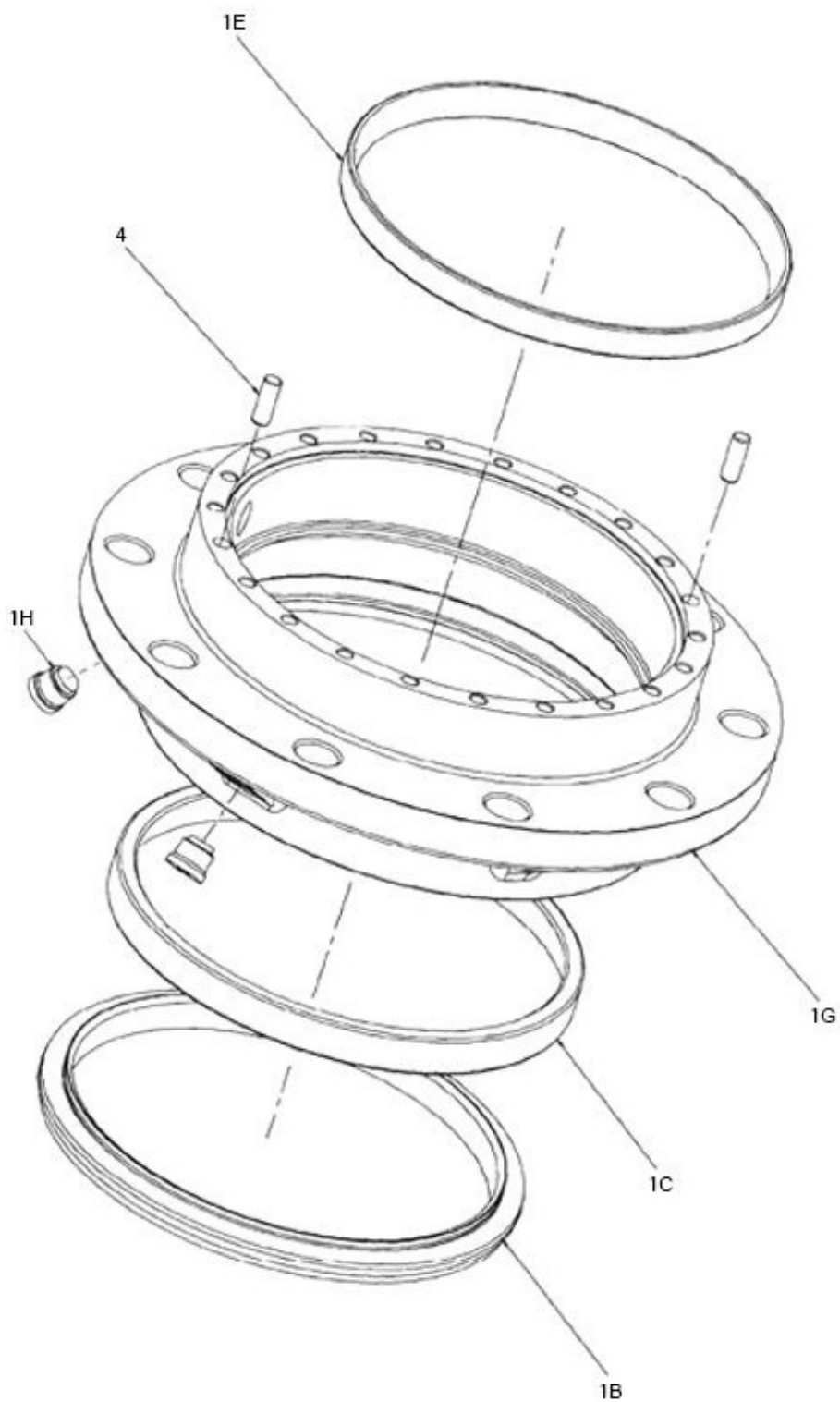
TORQUE HUB-5 C836B4006000



HD-85

		Torque Hub -5 C836b4006000		
S No	Part No	Description	Qty	Remarks
1B	36-B-4-006/03	Seal, Face	1	
1A	36-B-4-006/10	Spindle	1	
1J	36-B-4-006/11	Nut, Brg Special	1	
1F	36-B-4-006/12	Bearing Tapered (Psl6103032)	1	
1D	36-B-4-006/13	Bearing Tapered (Psl610-308)	1	
1G	36-B-4-006/14	Housing	1	
2	36-B-4-006/28	Thrust Spacer	1	

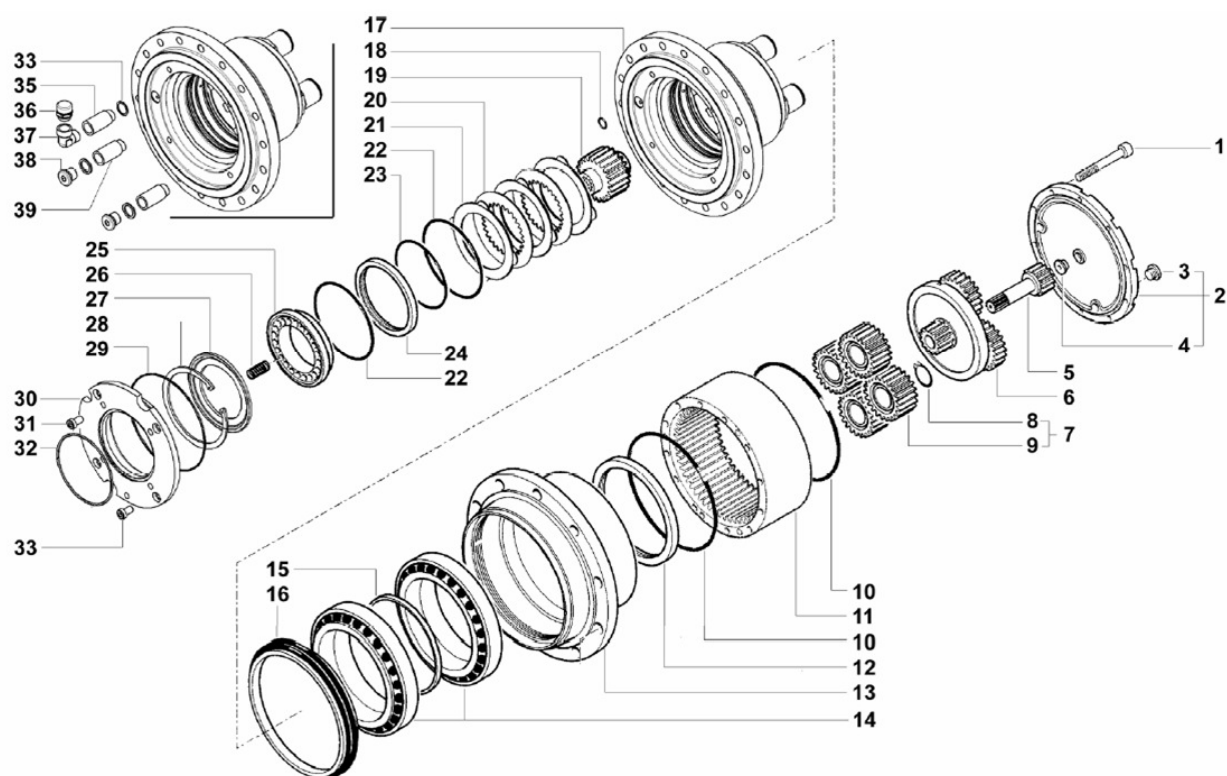
TORQUE HUB-6 C836B4006000



HD-85

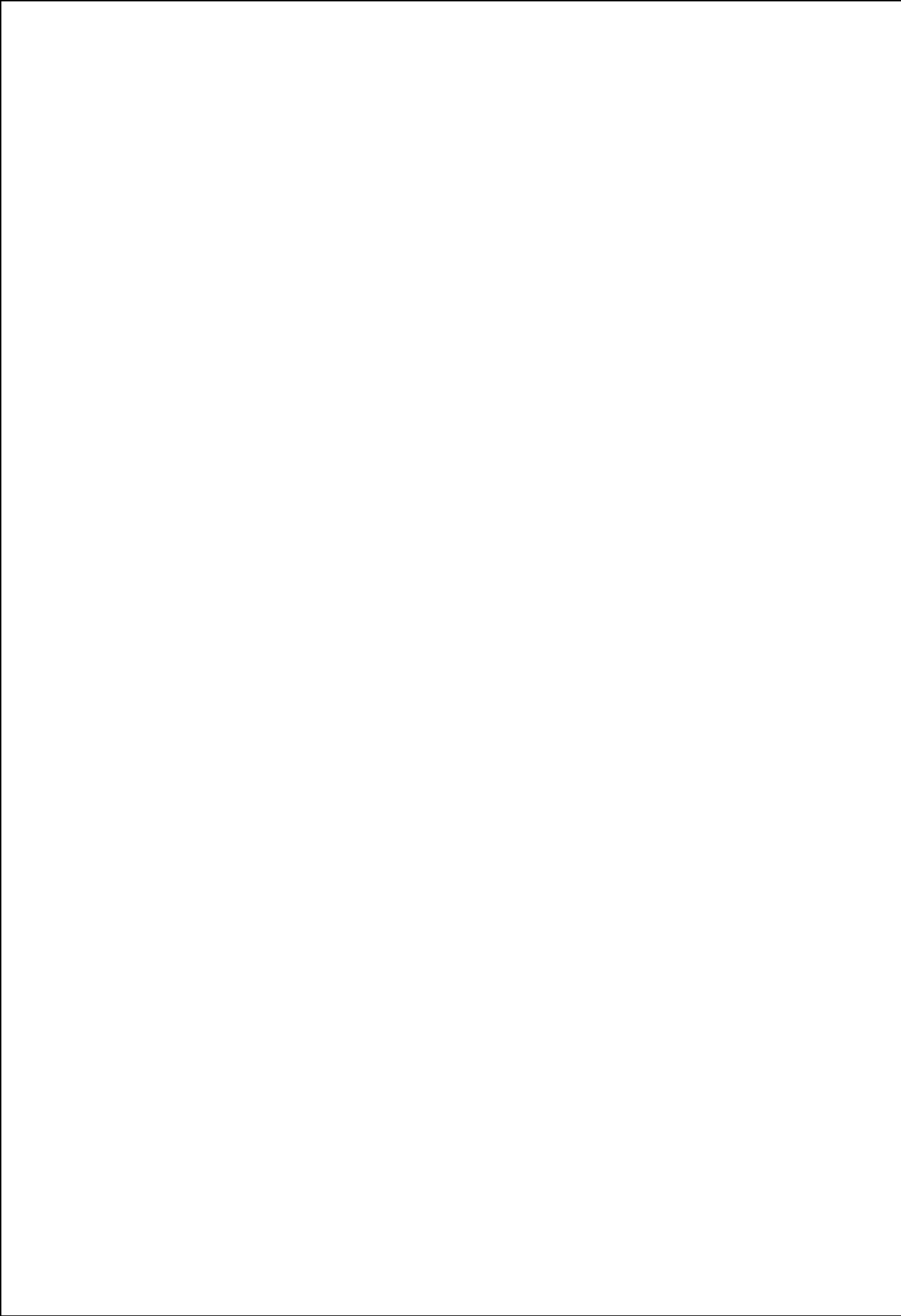
		Torque Hub -6 C836b4006000		
S No	Part No	Description	Qty	Remarks
1B	36-B-4-006/03	Seal, Face	1	
1E	36-B-4-006/12	Bearing Tapered (Psl6103032)	1	
1C	36-B-4-006/13	Bearing Tapered (Psl610-308)	1	
1G	36-B-4-006/14	Housing	1	
4	36-B-4-006/15	Pin - Dowel	2	
1H	36-B-4-006/17	Pipe, Plug	2	

TORQUE HUB – BONFIGLIOLI



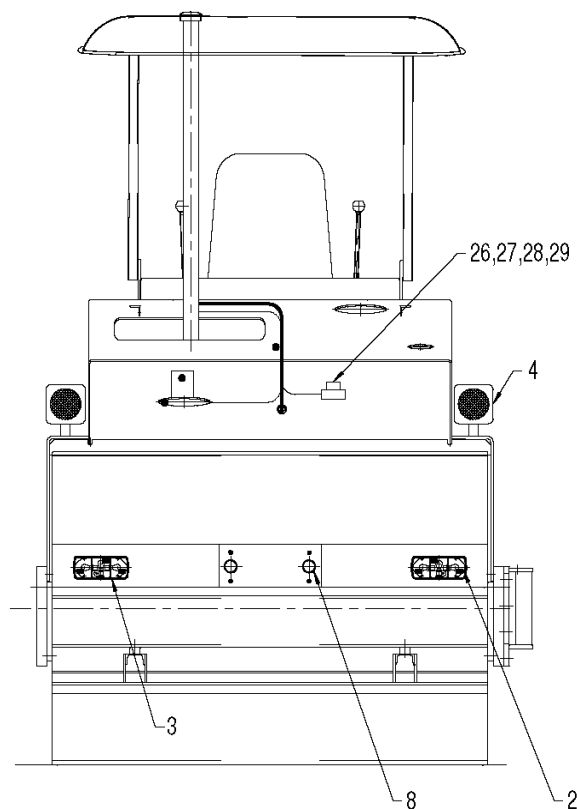
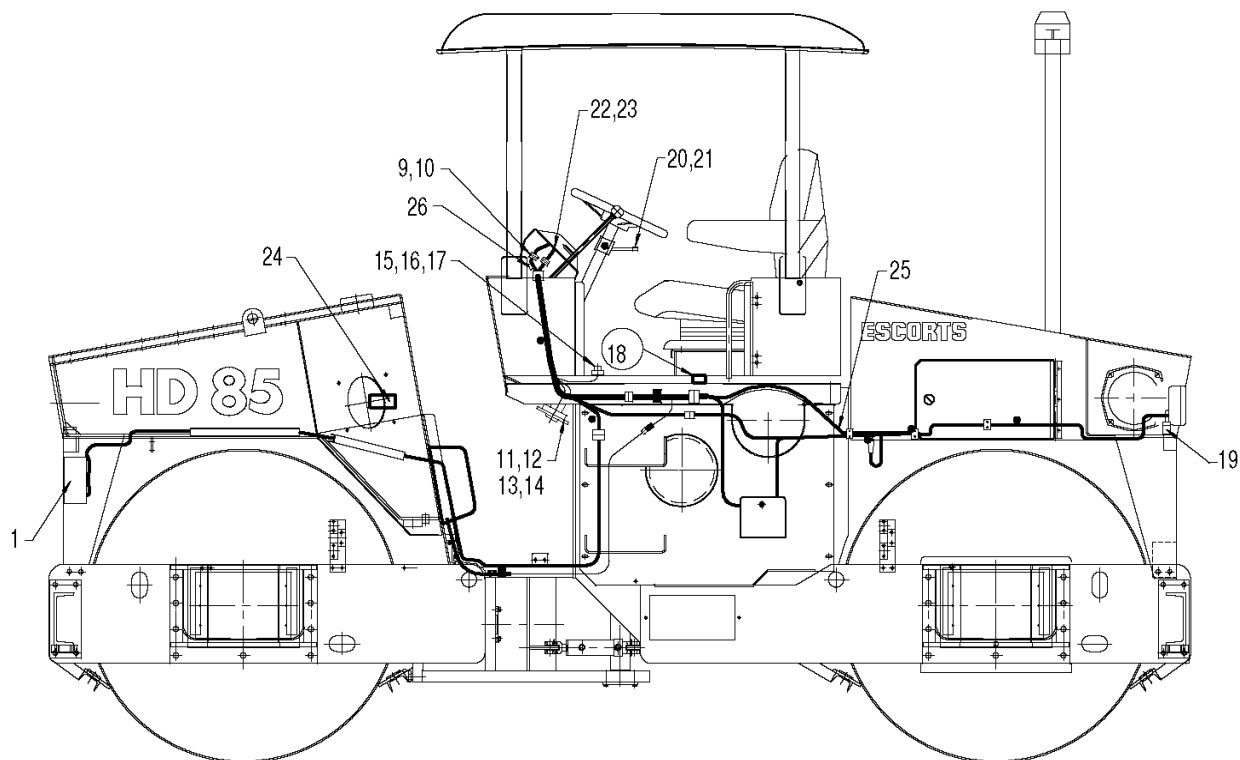
HD-85

		Torque Hub - Bonfiglioli		
S No	Part No	Description	Qty	Remarks
1	C7403123-011	SCREW	16	
2	C7403123-035	COVER ASSEMBLY	1	
3	C7403123-013	PLUG	3	
4	C7403123-025	PAD	1	
5	C7403123-018	SUN GEAR	1	
6	C7403123-033	REDUCTION ASSEMBLY	1	
7	C7403123-032	2nd RED. ASSEMBLY	1	
8	C7403123-037	CIRCLIP	4	
9	C7403123-034	PLANETARY ASSEMBLY	4	
10	C7403123-005	O-RING	2	
11	C7403123-017	TOOTHED RING	1	
12	C7403123-021	NUT	1	
13	C7403123-019	GEARBOX HOUSING	1	
14	C7403123-003	BEARING	2	
15	C7403123-023	SPACER	1	
16	C7403123-001	LIFETIME SEAL	1	
17	C7403123-014	HUB	1	
18	C7403123-004	O-RING	1	
19	C7403123-015	BRAKE SHAFT	1	
20	C7403123-030	STEEL DISC	5	
21	C7403123-031	SINTERED DISC	6	
22	C7403123-008	O-RING	1	
23	C7403123-007	O-RING	1	
24	C7403123-024	SPACER	1	
25	C7403123-016	BRAKE PISTON	1	
26	C7403123-029	SPRING	15	
27	C7403123-022	SPRING RETAINER PLATE	1	
28	C7403123-010	CIRCLIP	1	
29	C7403123-036	O-RING	1	
30	C7403123-020	MOTOR ADAPTOR	1	
31	C7403123-002	SCREW	2	
32	C7403123-006	O-RING	1	
33	C7403123-039	SCREW	4	
34	C7403123-009	WASHER	5	
35	C7403123-027	EXTENSION	1	
36	C7403123-038	BREATHING PLUG	1	
37	C7403123-026	ELBOW	1	
38	C7403123-012	PLUG	2	
39	C7403123-028	EXTENSION	2	



ELECTRICALS

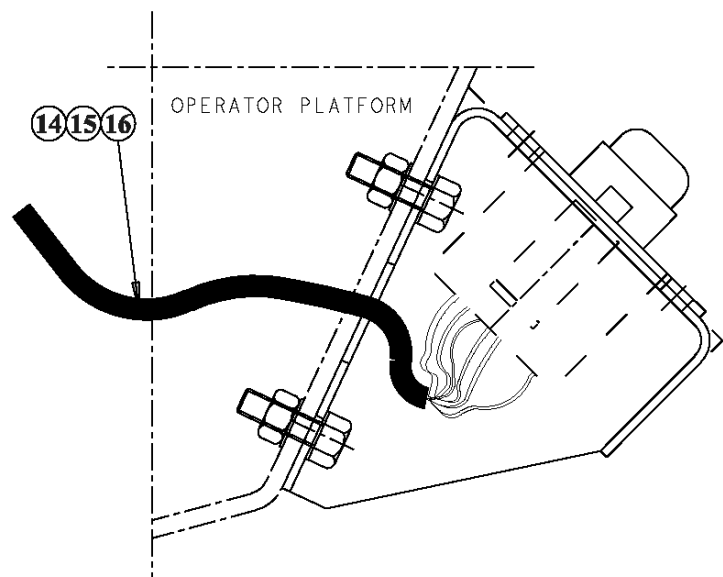
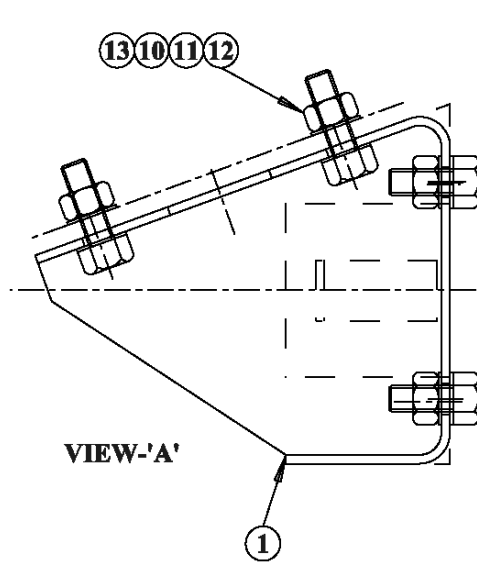
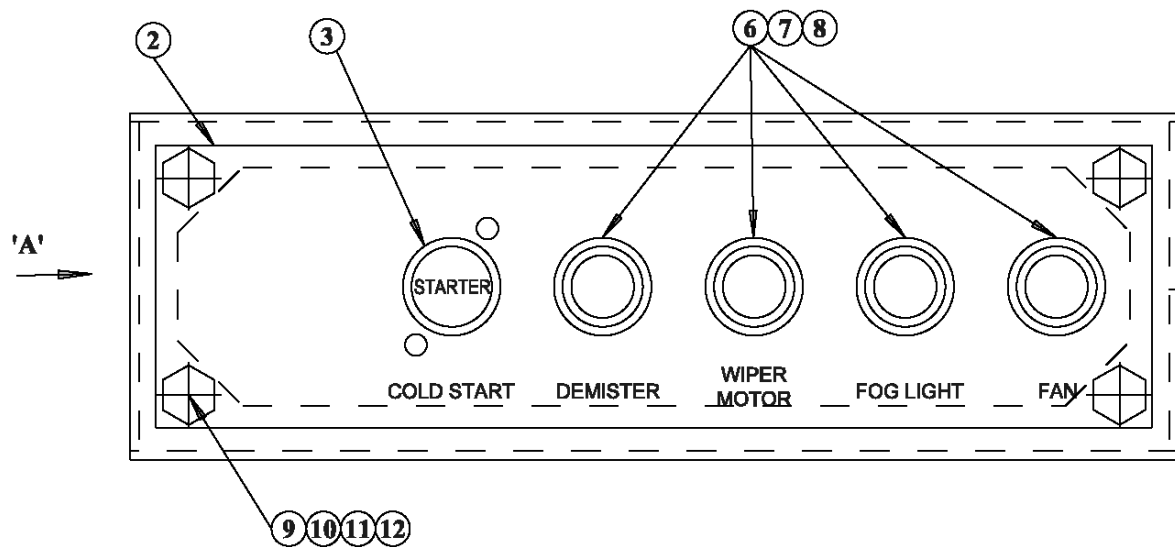
ELECTRICAL ASSY



HD-85

		Electrical Assy		
S No	Part No	Description	Qty	Remarks
1	C9100777	Head Lamp	2	
2	C8PP11848000	Tail Light Left 3 Chamber	1	
3	C8PP11761000	Tail Light Right	1	
4	C8PP11331000	Work Light Square Sunpac Sn 211	2	
5	C819B5006000	Reflector, Amber (Stick On)	6	
6	C819B5008000	Reflector, White (Stick On)	2	
7	C819B5007000	Reflector, Red (Stick On)	2	
8	C836C5031000	No Plate Light	2	
9	C846B5001000	Relay 5 Pin Oen Make	6	
10	C8V194308200	Relay Flasher Interface	1	
11	C8V194307500	Horn	1	
12	C8MSH08C2053	Screw Hex.	2	
13	C8MNH08C2003	Nut Hex.	1	
14	C8MWS0800003	Washer Spring	1	
15	C83628217000	Push Button	1	
16	C83680185000	Protecting Cap	1	
17	C8MWP2200000	Washer Plain	1	
18	C83638491700	Parking Brake Sw	1	
19	C8V181702000	Reverse Buzzer	1	
20	C836B5001000	Steering Coloum Sw	1	
21	C836C5038000	Grommet For Steering Coloumn	1	
22	C83622917000	Micro Sw	2	
23	C83623336600	Air Filter Chocked Sw	1	
24	C83851124A00	Water Pump	1	
25	C836B3022000	Eng. Oil Sensor	1	
26	C819B5022000	E.O.T. Buzzer	1	

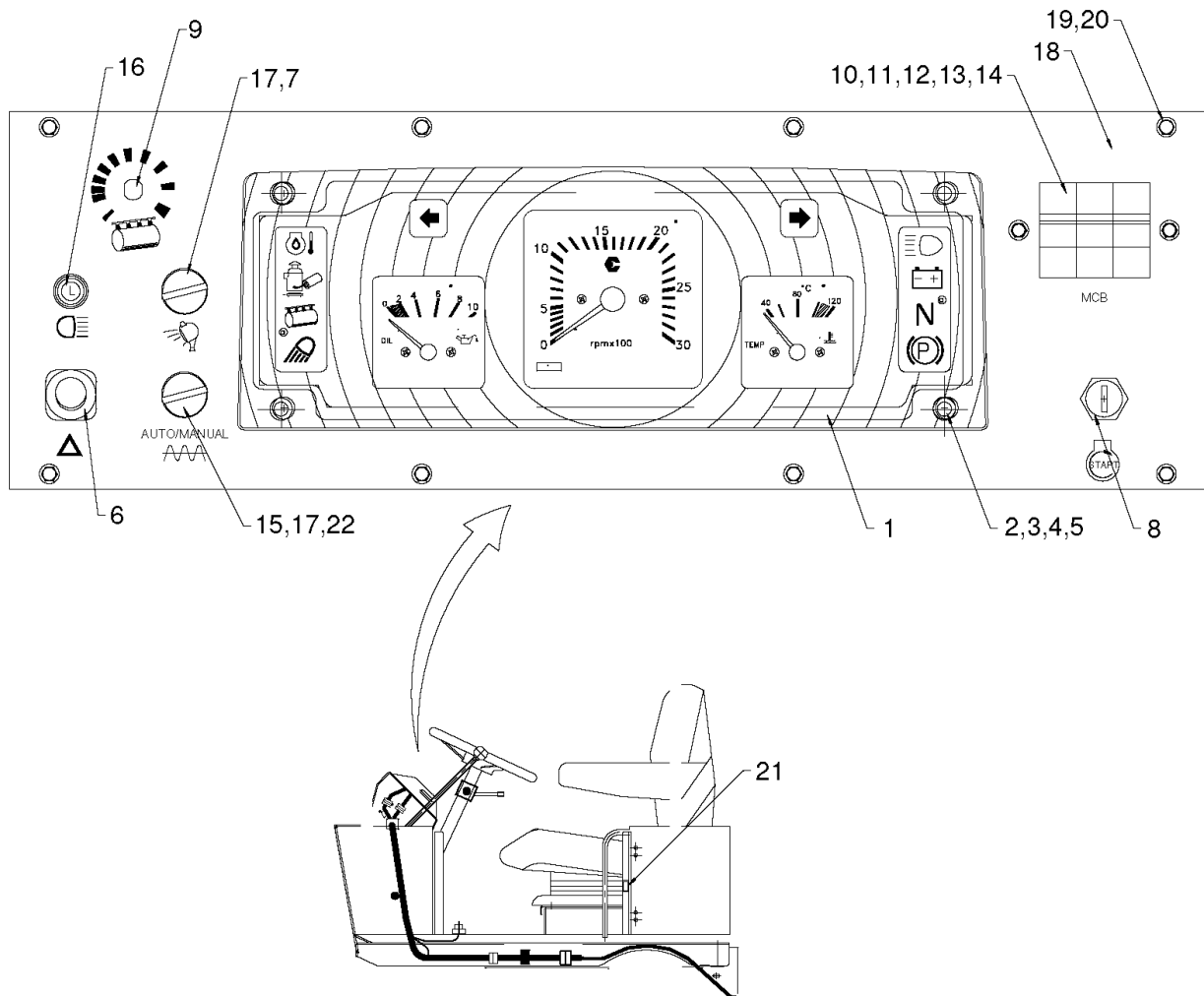
INSTRUMENT PANEL ASSY (DGBR)



HD-85

		Instrument Panel Assy (DGBR)		
S No	Part No	Description	Qty	Remarks
1	C836F5003A00	Instrument Panel Fab	1	
2	C836C5013B00	Instrument Plate	1	
3	C8PP1169000	Cold Start Switch	1	
6	C8D930192000	Short Selector	4	
7	C8D930195000	Contact Element	3	
8	C8PP11700000	Contact Piece	1	
9	C8MSH06C2030	Screw Hex	4	
10	C8MNH06C2000	Nut Hex	8	
11	C8MWS0600000	Washer Spring	8	
12	C8MWP0600000	Washer Plain	8	
13	C8MSH06C2040	Screw Hex	4	
14	C836C5033000	W/H Cold Start	1	
15	C836C5034A00	W/H Panel Extension	1	
16	C836C5035A00	W/H Demister	1	

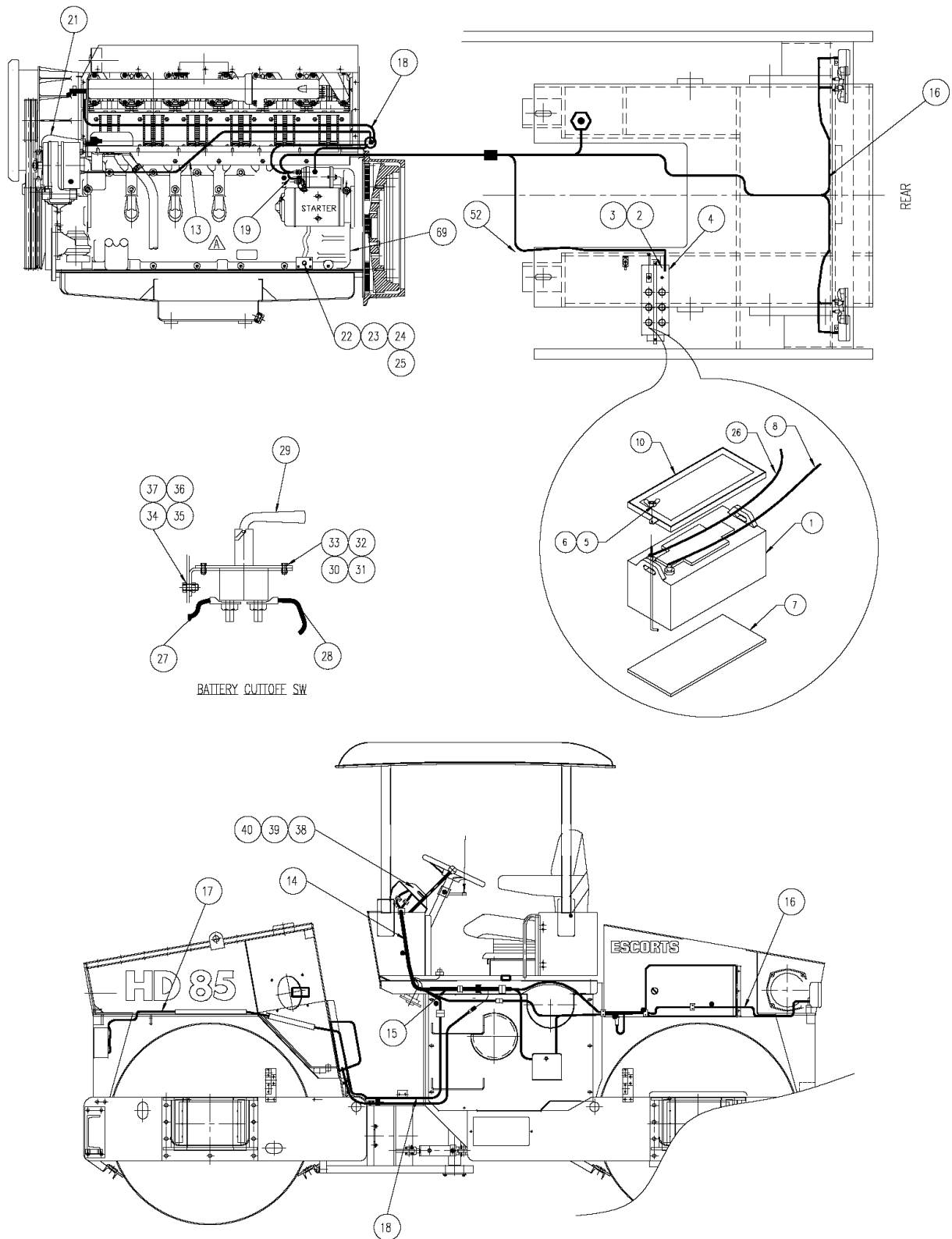
DASHBOARD ASSY



HD-85

		Dashboard Assy		
S No	Part No	Description	Qty	Remarks
1	C836B5003000	Instrument Cluster	1	
2	C8MSH06C2040	Screw Hex.	4	
3	C8MWS0600000	Spring Washer	4	
4	C8MNH06C2000	Hex. Nut	4	
5	C8MWP0600000	Plane Washer	4	
6	C8F176402600	Hazard-Push Button	1	
7	C8D930192000	Selector Switch	1	
8	C8T111703700	Ignition Switch	1	
9	C8D843038000	Interval Timer	1	
10	C8PP11989000	Mcb 25 Amp Rating	3	
11	C8PP11343000	Mcb Rail	1	
12	C8MSC05C2140	Screw Cheese Head	2	
13	C8MNH05C2000	Nut Hex.	2	
14	C8MWS0500000	Spring Washer	2	
15	C8D930153000	Selector Switch	1	
16	C8V194303500	Head Light Switch	1	
17	C8D930195000	Contact Element	3	
18	C836C5032G00	Dashboard Plate	1	
19	C8MSH08C2030	Screw Hex.	6	
20	C8MWP080000	Plane Washer	6	
21	C836B5005000	Hour Meter	1	
22	C836C5039000	Plastic Plug	1	

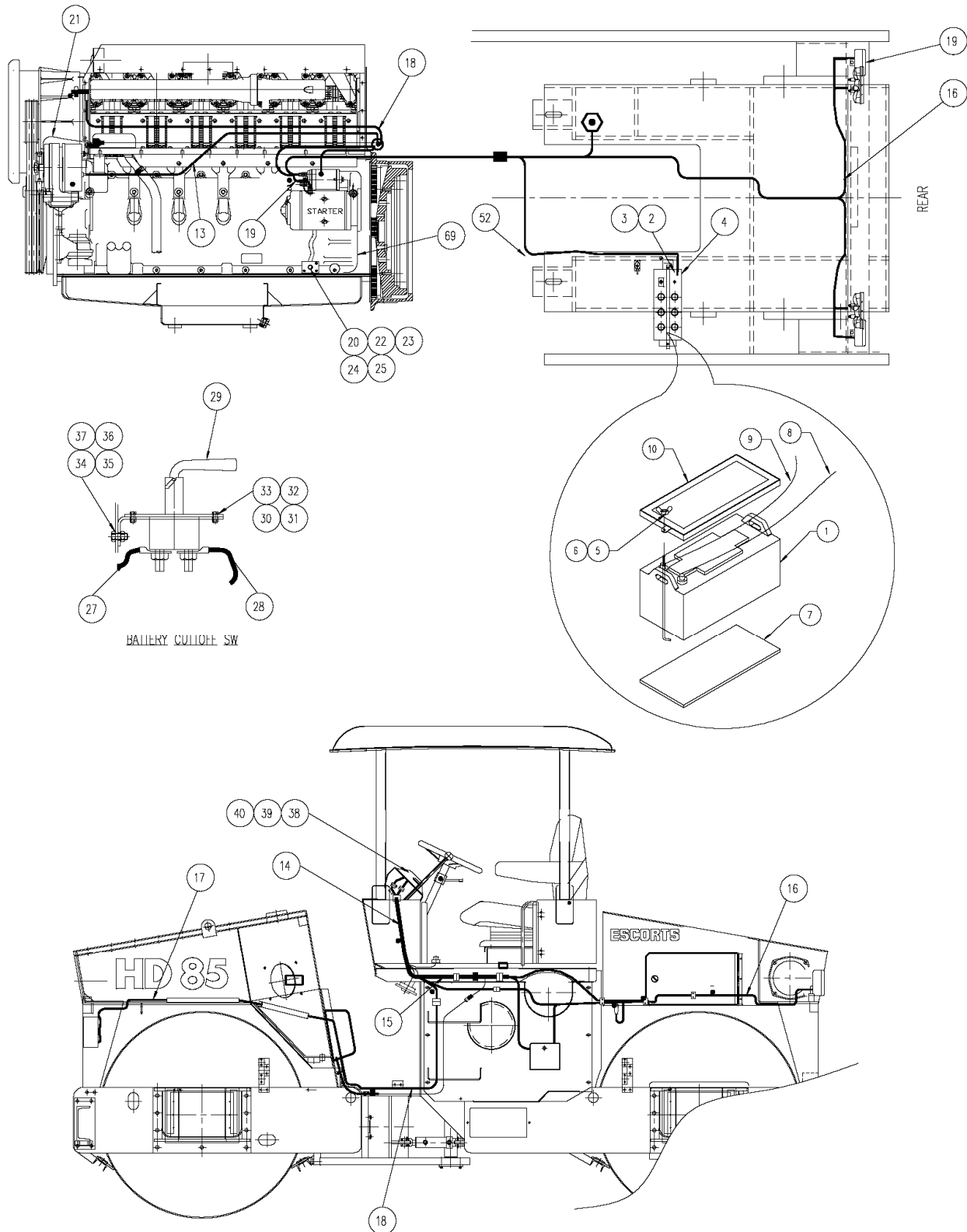
BATTERY & WIRING HARNESS (STD)



HD-85

		Battery & Wiring Harness (STD)		
S No	Part No	Description	Qty	Remarks
1	C8PP11650000	Battery	1	
2	C8MSC06C2030	Screw Cheese Head	8	
3	C8MWP0600000	Washer Plain M6	8	
4	C8D403989C00	Flat Steel	1	
5	C8MWP1000003	Washer Plain	5	
6	C8MNW0800000	Nut Wing	1	
7	C8D662488000	Rubber Strip	1	
8	C836A5002B00	Cable Assy (Battery) +Ve	1	
10	C8D269506000	Edge Protection	0.25M	
11	C8F004716400	Cable Binding	60	
12	C8F004731100	Cable Binding	60	
13	C836C5022G00	W/H Engine	1	
14	C836C5023G00	W/H Dashboard	1	
15	C836C5024C00	W/H Intermediate	1	
16	C836C5025D00	W/H Rear Light	1	
17	C836C5026D00	W/H Front Light	1	
18	C836C5027C00	W/H Enging To Dashboard	1	
21	C836C5030C00	W/H Water Pump	1	
22	C8D975065000	Starter Relay	1	
23	C8MSH05C2020	Screw Hex.	2	
24	C8MWP0500000	Washer Plain	2	
25	C8MWS0500000	Washer Spring	2	
26	C842C5029000	BATTERY -Ve TO CUTOFF	1	
27	C8D345725B00	Cutoff To Starter	1	
28	C8D345731B00	Starter To Frame	1	
29	C9100668	Battery Cutoff Sw	1	
30	C8MSH06C2040	Screw Hex	2	
31	C8MWP0600000	Washer Plain	2	
32	C8MWS0600000	Washer Spring	2	
33	C8MNH06C2000	Nut Hex M6	2	
34	C8D542437E00	Battery Cutoff Sw Bkt	1	
35	C8MSH08C260	Screw	2	
36	C8MWP0800000	Washer Plain	2	
37	C8MWS0800001	Washer Spring	2	
38	V19.43.092.0	Spacer	2	
39	C8N157202110	Round Head Screw	2	
40	C8MNH05C2000	Nut Hex.	2	

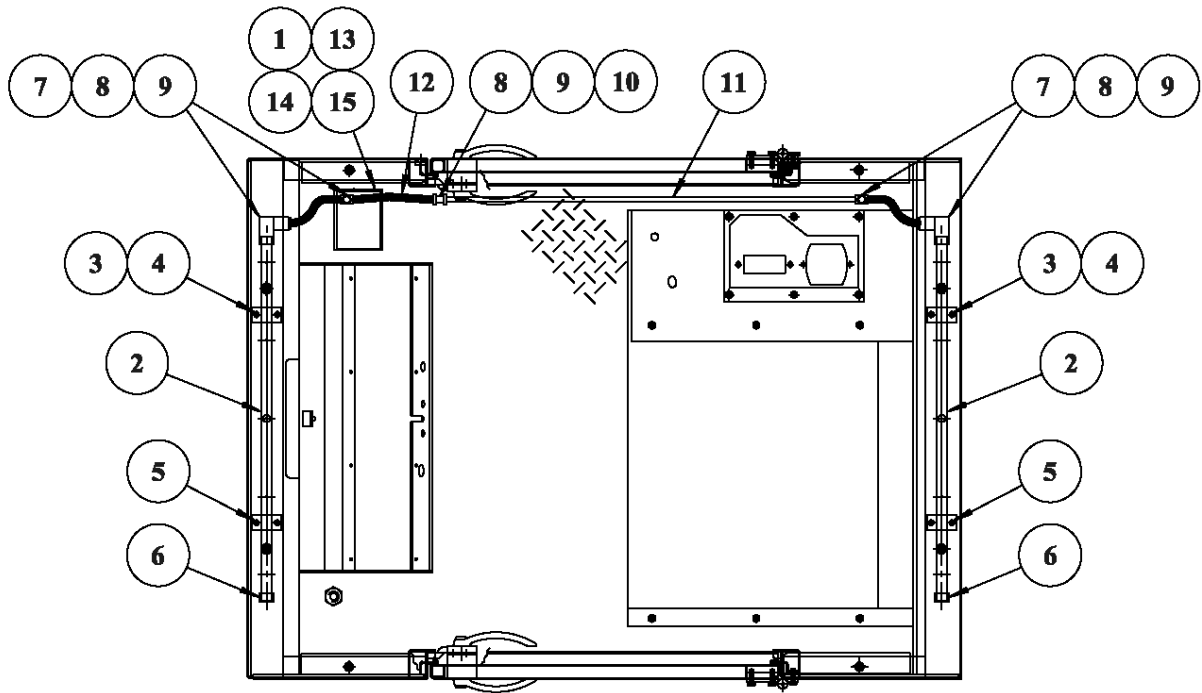
BATTERY & WIRING HARNESS (DGBR)



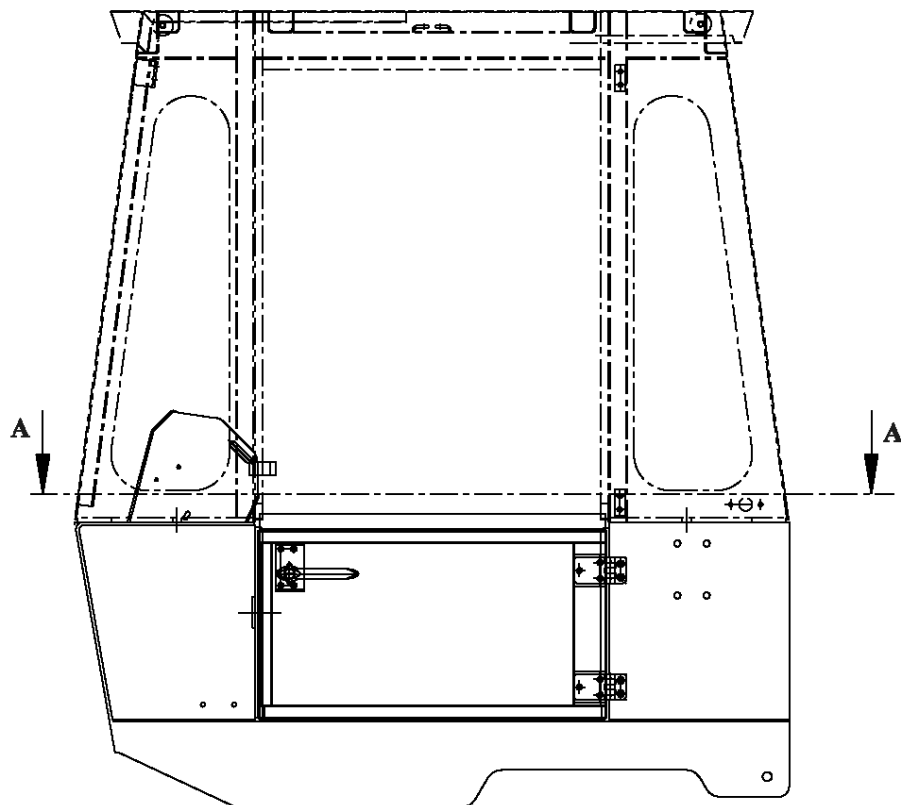
HD-85

		Battery & Wiring Harness (DGBR)		
S No	Part No	Description	Qty	Remarks
1	C8PP11695000	Battery 12v-Mhd1800	1	
2	C8MSC06C2030	Screw Cheese Head	8	
3	C8MWP0600000	Washer Plain M6	8	
4	36-C-5-040	Flat Steel	1	
5	C8MWP1000003	Washer Plain M10-Zpy- Is:2016	5	
6	C8MNW0800000	Nut Wing M10, Is:2636	1	
7	C8D662488000	Rubber Strip 30x6x170	1	
8	C836A5002C00	Cable Assy (Battery) +Ve	1	
10	C8D269506000	Edge Protection	0.25M	
11	C8F004716400	Cable Binding Tie 300 Mm	60	
12	C8F004731100	Cable Binding Tie 200 Mm	60	
13	36-C-5-022 G	W/H Engine	1	
14	C836C5023G00	W/H Dashboard	1	
15	C836C5024C00	W/H Intermediate	1	
16	C836C5025D00	W/H Rear Light	1	
17	C836C5026D00	W/H Front Light	1	
18	C836C5027C00	W/H Enging To Dashboard	1	
19	C8PP11696000	Fog Lamp	2	
20	C8D932032000	Push Button	1	
21	C836C5030C00	W/H Water Pump	1	
22	C8D975065000	Starter Relay (As Per,Ec-5250)	1	
23	C8MSH05C2020	Screw Hex. M5x10	2	
24	C8MWP0500000	Washer Plain M5	2	
25	C8MWS0500000	Washer Spring M5	2	
26	C842C5029000	BATTERY -Ve TO CUTOFF	1	
27	C8D345725B00	Cutoff To Starter	1	
28	C8D345731B00	Starter To Frame	1	
29	C9100668	Battery Cutoff Sw	1	
30	C8MSH06C2040	Screw Hex M6x20	2	
31	C8MWP0600000	Washer Plain M6	2	
32	C8MWS0600000	Washer Spring M6	2	
33	C8MNH06C2000	Nut Hex M6	2	
34	C8D542437E00	Battery Cutoff Sw Bkt	1	
35	C8MSH08C260	Screw M8x30	2	
36	C8MWP0800000	Washer Plain M8	2	
37	C8MWS0800001	Washer Spring M8	2	
38	V19.43.092.0	Spacer (F12 Odx6 ldx35l)	2	
39	C8MSC05C2140	Cheese Head Screw M5x70	2	
40	C8MNH05C2000	Nut Hex M5	2	

DEMISTER ASSY (DGBR)



SECTION A-A



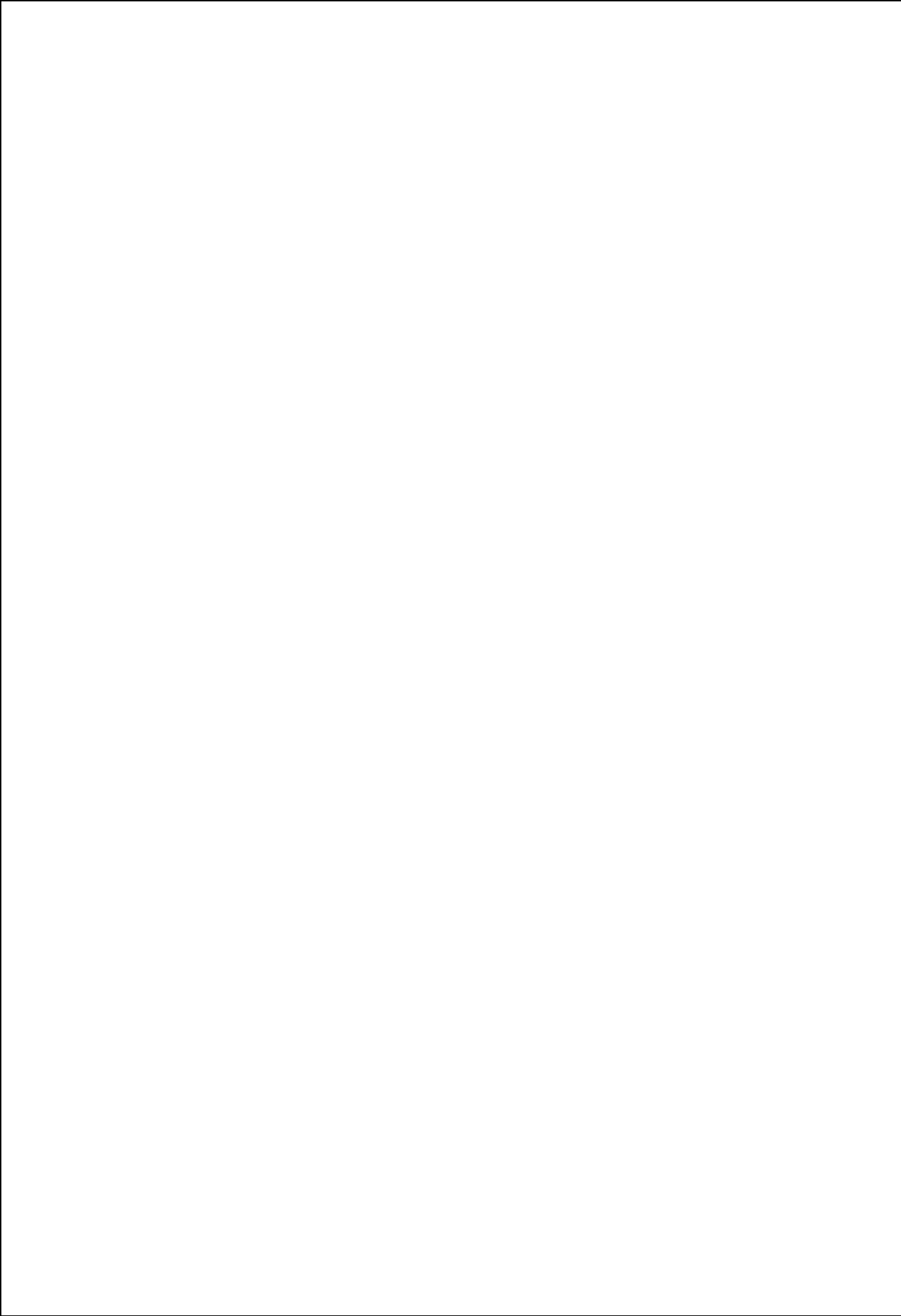
HD-85

		Demister Assy (DGBR)		
S No	Part No	Description	Qty	Remarks
1	C8PP11689000	Demister 12v	1	
2	C836C5015000	Demister Pipe	2	
3	C83631422600	Half Clip	8	
4	C83631402100	Cover Plate	4	
5	C8MBH06C2090	Bolt Hex.	8	
6	C836226002B0	Cap	2	
7	C836225665A0	Angle	5	
8	C83626089400	Screwed Socket	6	
9	C83622578900	Hose Clamp	6	
10	C836M2015000	Adaptor	1	
11	C836C6075000	Demister Pipe Rear	1	
12	C83610744100	Hose	1.5M	
13	C8MBH10C2060	Bolt Hex.	3	
14	C8MWS1000000	Washer Spring	3	
15	C8MWP1000000	Washer Plain	3	

OILS AND LUBRICANTS

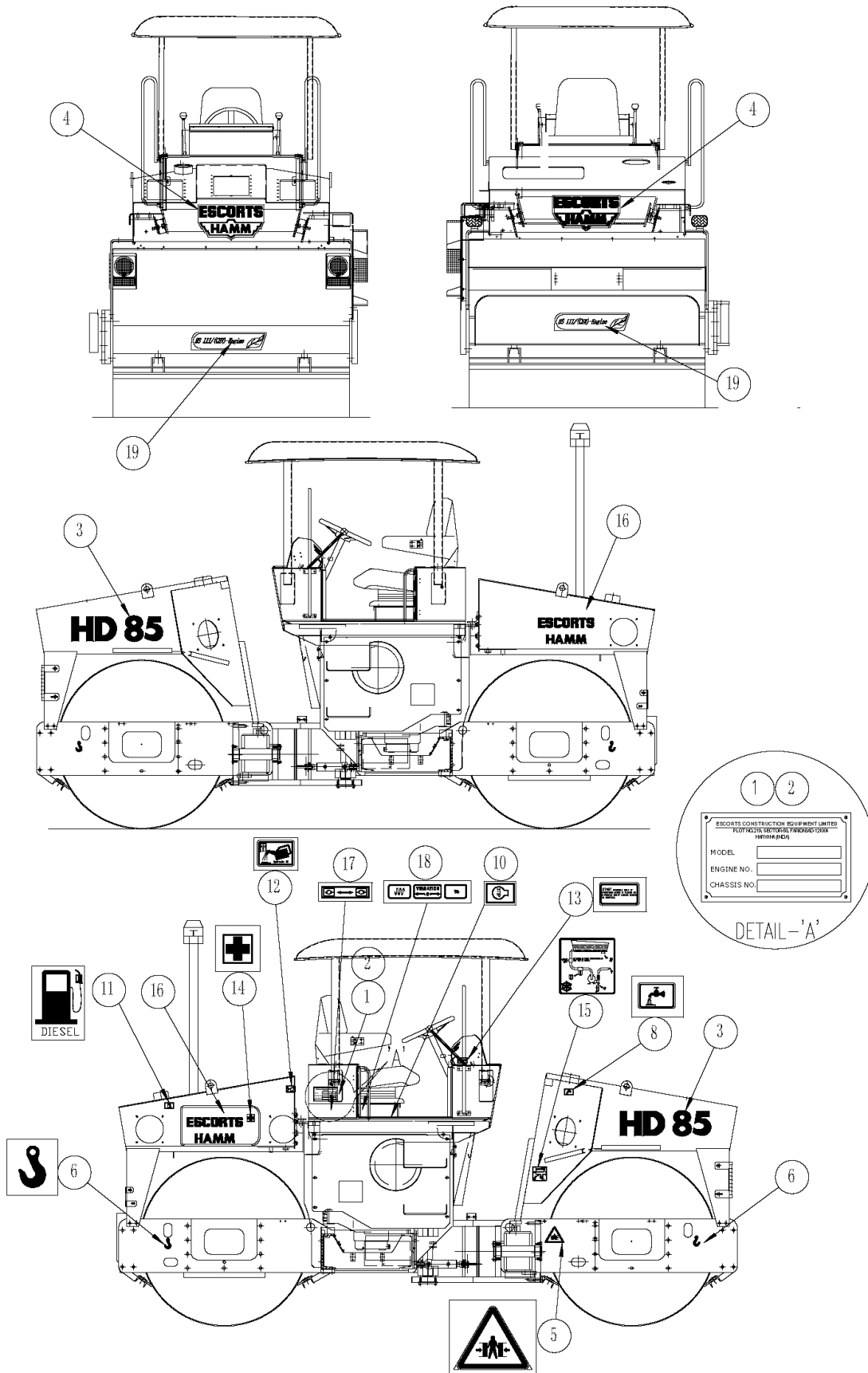
HD-85

		Oils And Lubricants		
S No	Part No	Description	Qty	Remarks
1	C9100756	Engine Oil K-Premium	10 LTR	
2	C83623439000	Gear Oil	20 LTR	
3	C83626116500	Hydraulic Oil	120 LTR	
4	C83626185800	Multipurpose Grease	0.5 KG	
5	C8N251018000	H.S.Diesel	30 LTR	
6	C836C8001000	Loctite 10 ml	10 ML	
7	C836C8002000	Loctite 52 ml	52 ML	
8	C9100522	PU Yellow Paint	35 LTR	
9	C9101225	Paint Gray 7 Ltr	7 LTR	
10	C9100530	PU Yellow Primer	16 LTR	
11	C9100632	PU Milky White Paint	0.06 LTR	
12	C8N000012400	Aluminium Paint C.D. Pack	0.25 LTR	
13	C9100529	PU Thinner	25 LTR	
14	C8PP10285000	Fevicol	0.4 KG	



DECALS

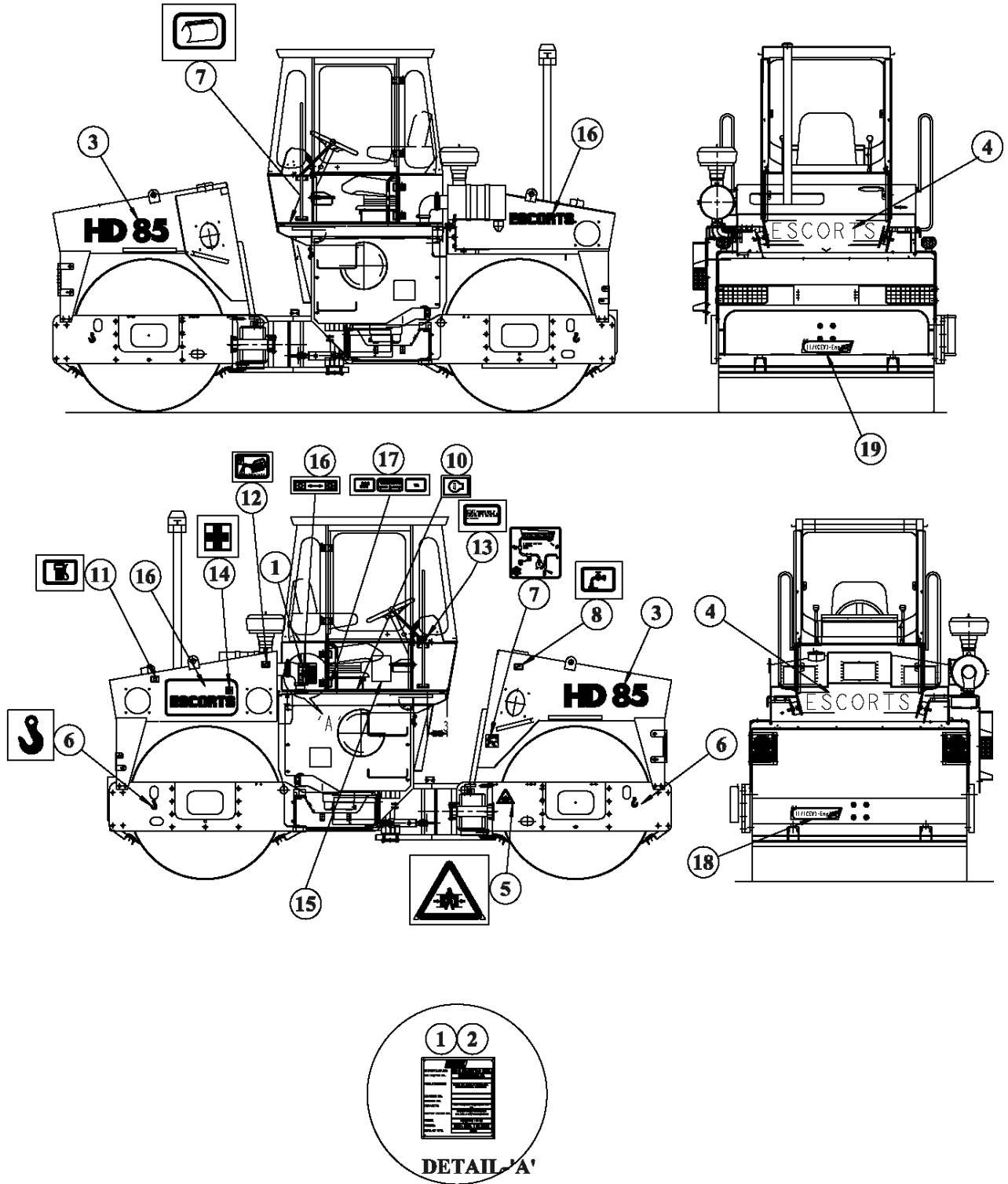
DECALS



HD-85

		Decals		
S No	Part No	Description	Qty	Remarks
1	C7400307	Data Plate	1	
2	C8N155406000	Self Tapping Rivet-6x6.5	4	
3	C836408909A0	Sticker-Hd-85	2	
4	36-C-6-001	Sticker(Escorts-Hamm)	2	
5	C83627791600	Sticker(Crush Area)	1	
6	C836287865A0	Sign,Loading Hook	4	
7	00 42 05 49 A	Sign,Water Sprinkling Device	1	
8	C836420603A0	Sign(Water Tank)	1	
9	00 42 05 57	Sign(Horn)	1	
10	C83642056500	Sign(Stop)	1	
11	C8V19440260	Sign(Fuel)	1	
12	00 42 06 11 A	Sign(Hyd. Oil)	1	
13	00 42 07 27 B	Sign(Start Warning)	1	
14	C83628716400	Sign(First Aid Box)	1	
15	C83642077800	Sign(Sprinkler System)	1	
16	00 45 23 51	Sign(Escorts-Mamm)	2	
17	C8D551804000	Sticker Brake	1	
18	C8D551805000	Sticker Hi-Low Vib	1	
19	C7203363	Sticker Bs lii	2	

DECALS (DGBR)



HD-85

		Decals (DGBR)		
S No	Part No	Description	Qty	Remarks
1	C7402654	Data Plate	1	
2	C8N155406000	Self Tapping Rivet	4	
3	C836408909A0	Sticker-Hd-85	2	
4	C850C8151000	Sticker Escorts	2	
5	C83627791600	Sticker(Crush Area)	2	
6	C836287865A0	Sign,Loading Hook	4	
7	C836420549A0	Sign,Water Sprinkling Device	1	
8	C836420603A0	Sign(Water Tank)	1	
9	C836420557A0	Sign(Horn)	1	
10	C83642056500	Sign(Stop)	1	
11	C8M105412900	Sign(Fuel)	1	
12	C836420611A0	Sign(Hyd. Oil)	1	
13	C836420727B0	Sign(Start Warning)	1	
14	C83628716400	Sign(First Aid Box)	1	
15	C83642077800	Sign(Sprinkler System)	1	
16	C8D551804000	Sticker Brake	1	
17	C8D551805000	Sticker Hi-Low Vib	1	
18	C7203363	Bharat Iii	2	

TOOL KIT

HD-85

		Tool Kit		
S No	Part No	Description	Qty	Remarks
1	C819B4001000	D/E Spaner	1	10X11
2	C819B4002000	D/E Spaner	1	12X13
3	C819B4004000	D/E Spaner	1	19X22
4	C819B4003000	D/E Spaner	1	14X17
5	C819B4015000	Combination Pliar	1	6 INCH
6	C819B4014000	Flat Tip Screw Driver	1	6MM, 250LG.
7	C819B4006000	D/E Spanner	1	
8	C819B4016000	Adjust Wrench	1	10,250 MM LG.
9	C819B4018000	Tool Kit Bag	1	
10	C9101240	Eye Bolt	2	



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