



PART'S CATALOGUE

F150 / F170 BS4 74 & 101 HP EICHER HYDRAULIC MOBILE CRANE



Nothing beats an **ACE**

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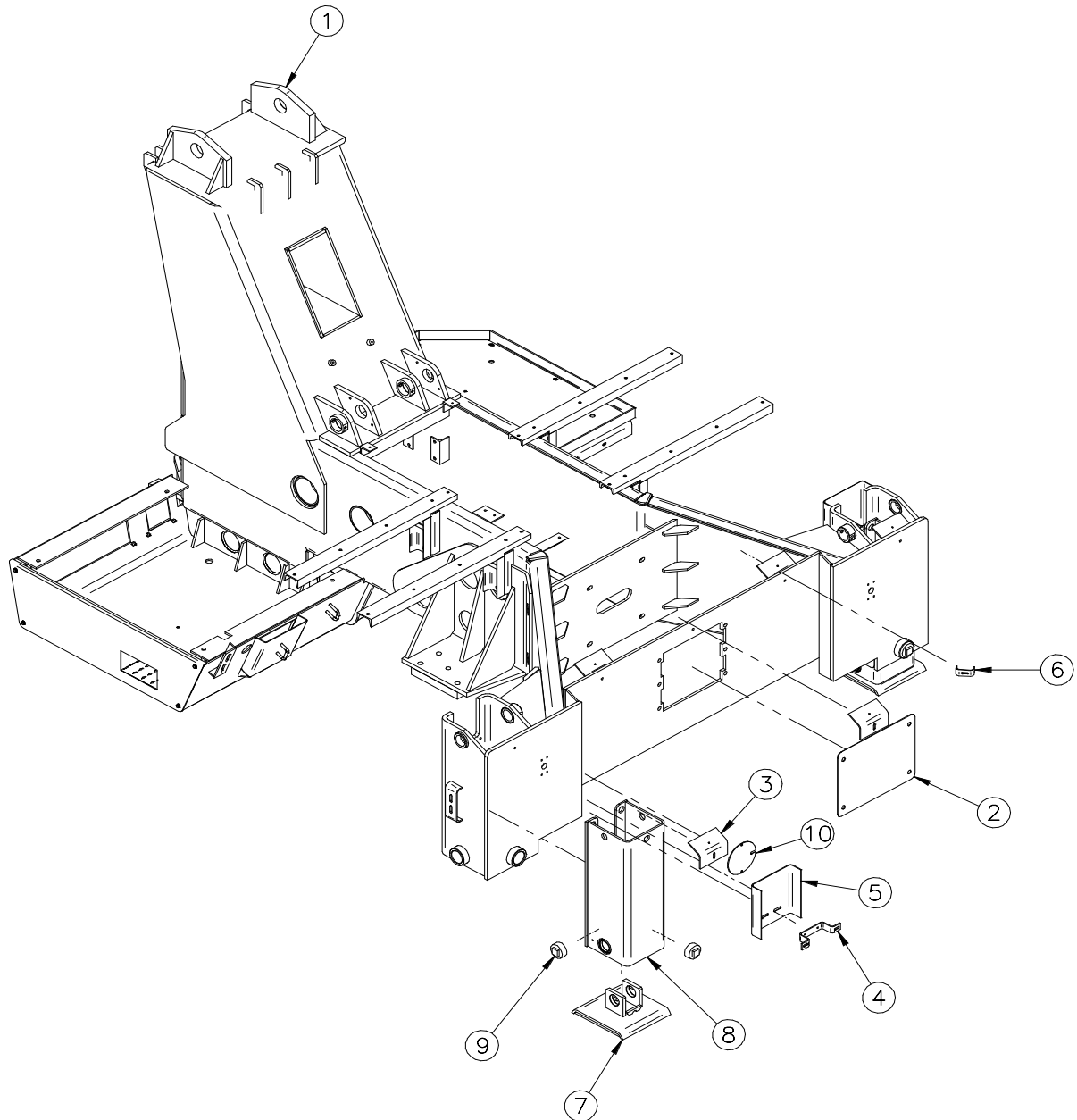
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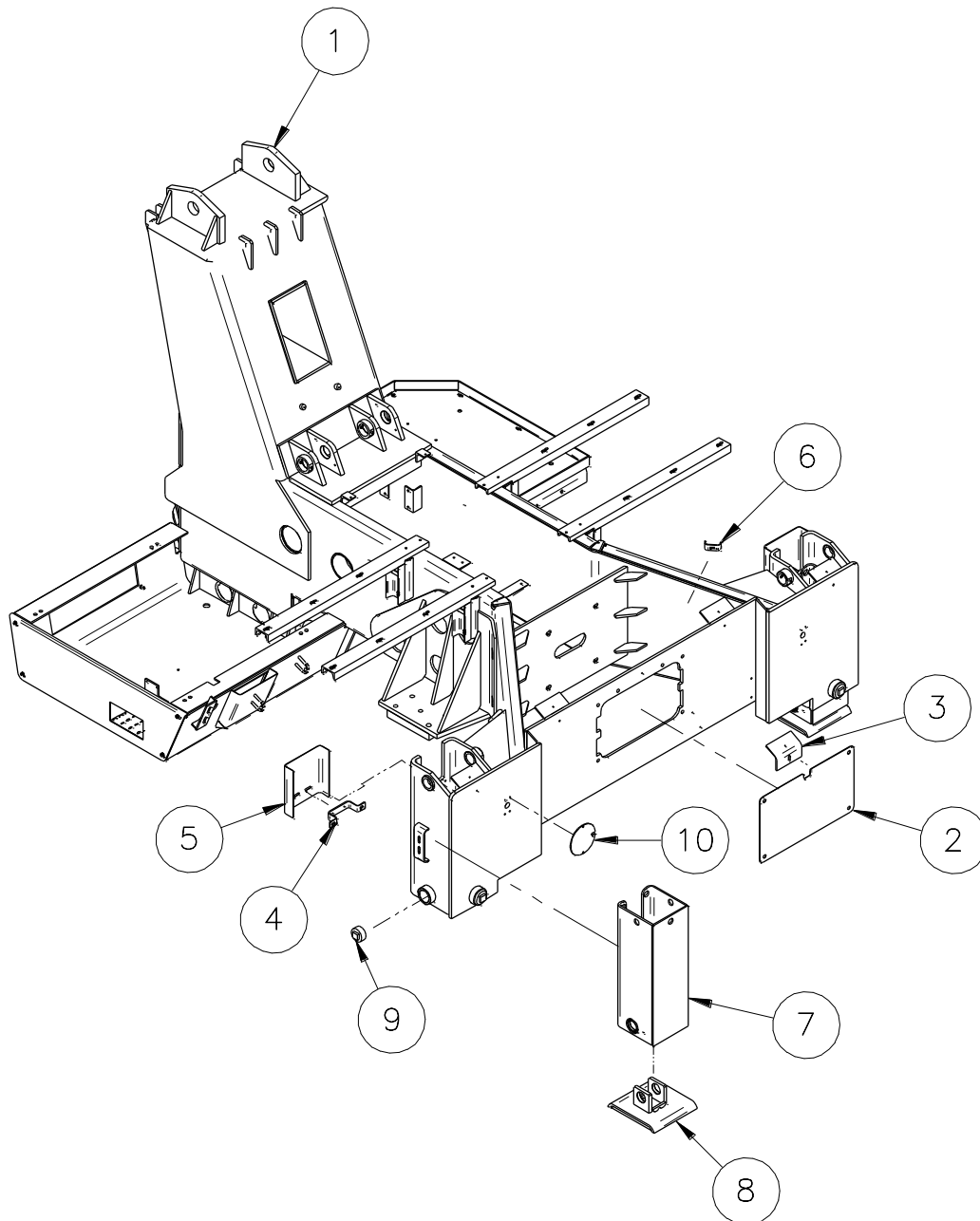
FRONT BODY F150 -74 HP & 101 HP



FRONT BODY F150 -74 HP & 101 HP

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101511345400	H	FRONT CHASSIS FAB	1	
2	101511534500	B	FRONT PLATE	1	
3	101511450000	A	U BEND PLATE	5	
4	101464445300	A	COVER MTG BKT	2	
5	101464445200	B	OUTRIGGER COVER	2	
6	101411460600	A	HORN MTG BKT	1	
7	101511339400	B	FOOT FAB	2	
8	101511345900	A	SLEEVE FAB	2	
9	200211201100	B	STAB WEARPAD CARRIER	4	
10	101411460700	A	COVER PLATE	2	

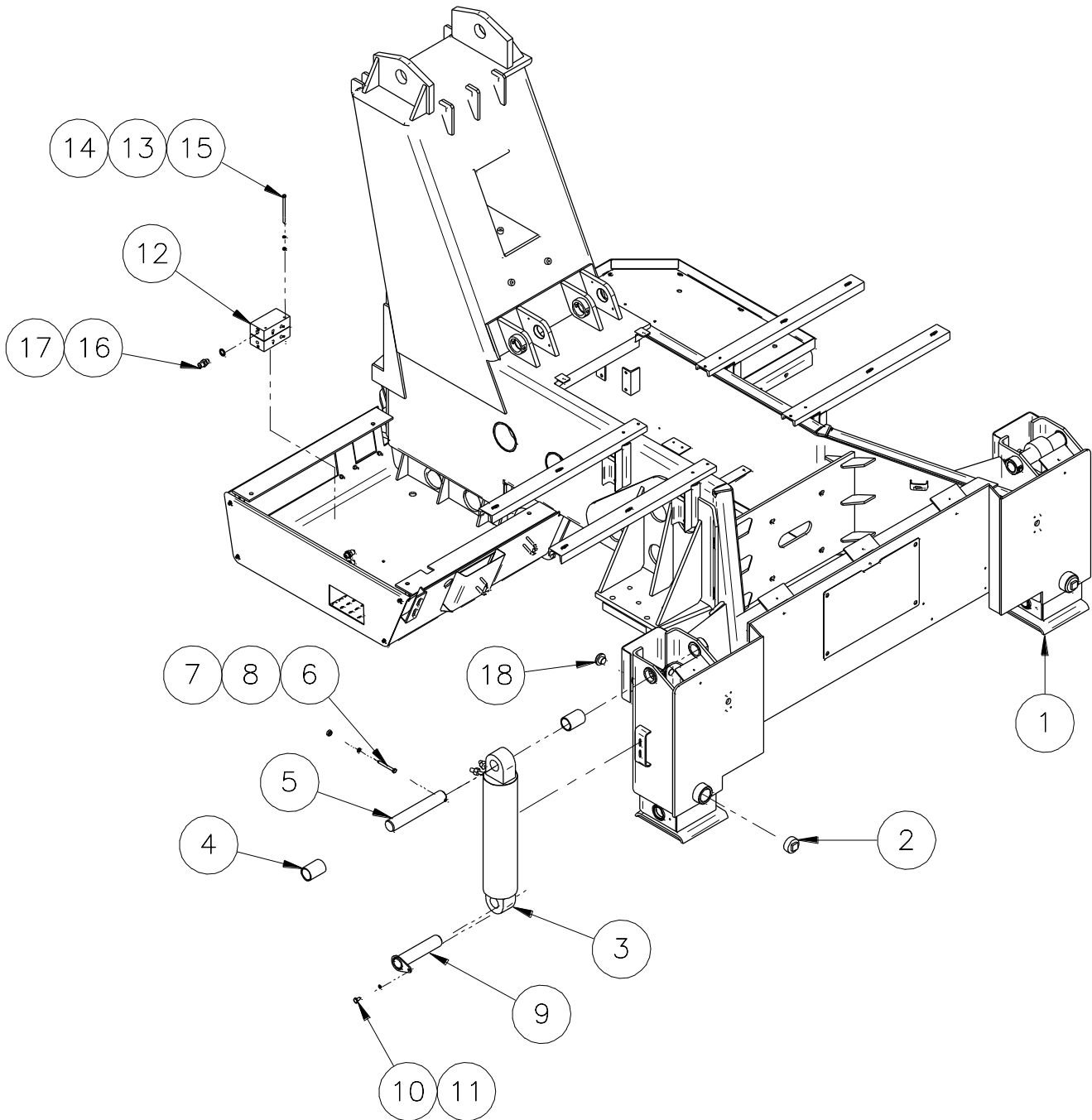
FRONT BODY F170 -74 HP & 101 HP



FRONT BODY F170 -74 HP & 101 HP

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101711329200	C	FRONT CHASSIS FAB	1	
2	101464440800	E	FRONT PLATE	1	
3	101511450000	A	U BEND PLATE	5	
4	101464445300	A	COVER MTG BKT	2	
5	101464445200	B	OUTRIGGER COVER	2	
6	101411460600	A	HORN MTG BKT	1	
7	101511339400	B	FOOT FAB	2	
8	101542320300	C	SLEEVE FAB	2	
9	200211201100	B	STAB WEARPAD CARRIER	4	
10	101411460700	A	COVER PLATE	2	

OUTRIGGER HYD. ASSEMBLY F150/F170 -74 & 101 HP

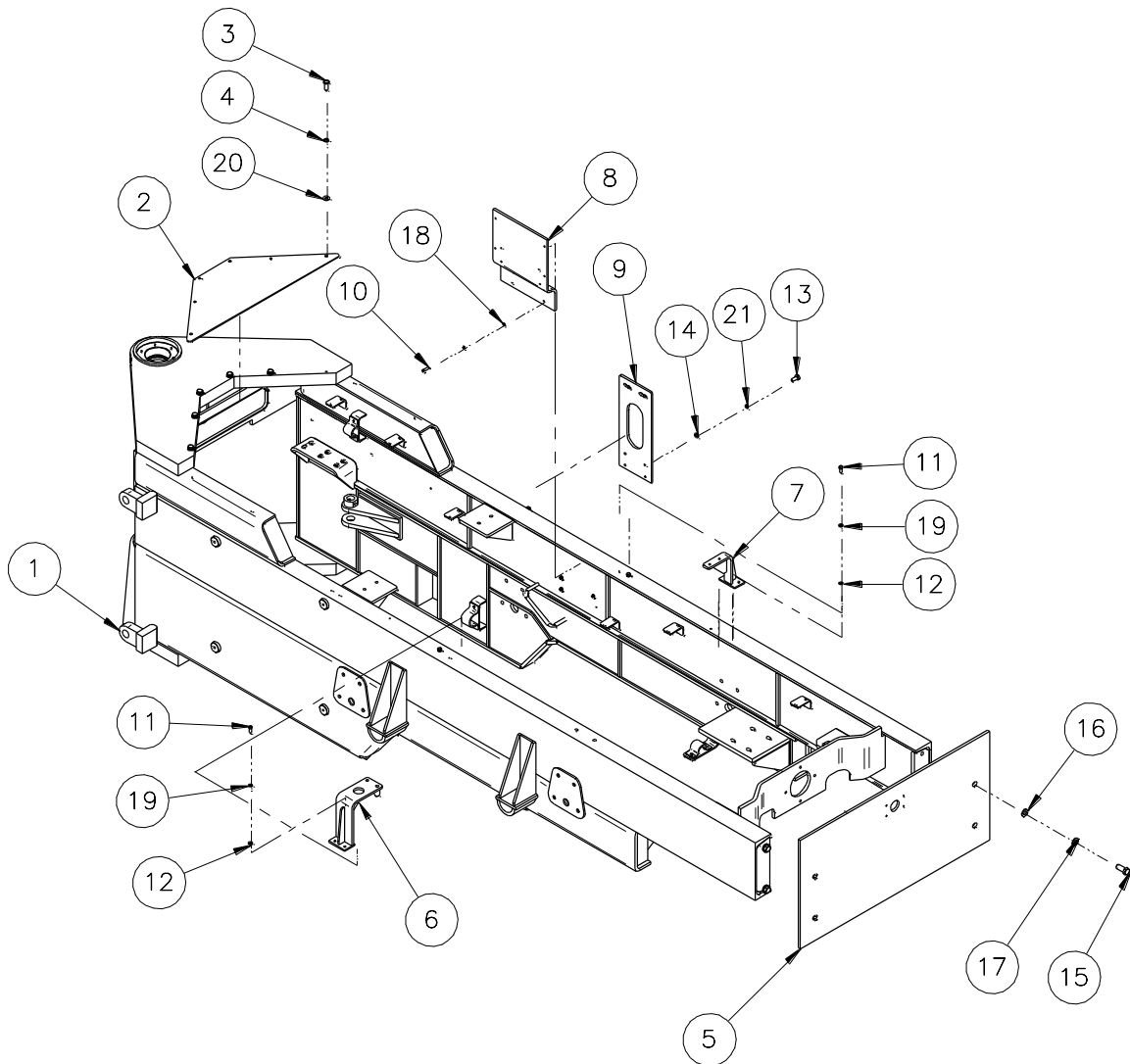


OUTRIGGER HYD. ASSEMBLY

F150/F170 -74 & 101 HP

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101511339400	B	FOOT FAB	2	
2	200211201100	B	STAB WEARPAD CARRIER	2	
3	924801250452	B	CYL. OUTRIGGER	2	
4	101542420800	C	SPACER	4	
5	101123201800	A	PIN LOWER	2	
6	901101012180	A	BOLT HEX	2	M10x90, Gr - 8.8
7	901601000000	A	WASHER PLAIN M10	2	M10
8	901221000000	A	NUT NYLOCK	2	M10
9	101542320400	B	LOWER LOCKING PIN	2	
10	901501012040	A	SCREW HEX	2	M10x20, Gr - 8.8
11	901611000000	A	WASHER SPRING M10	2	M10
12	929200001500	A	DUAL PILOT CHECK VALVE	2	
13	901610800000	A	WASHER SPRING	2	M8
14	901200800000	A	NUT HEX M8	2	
15	901100812220	A	BOLT HEX	2	M8x110, Gr - 8.8
16	101241200300	A	ADOPTER 1/2" X 1/2" BSP	8	
17	200145400500	A	DOWTY SEAL	8	1/2" BSP
18	101542421200	B	STAB WEARPAD	14	

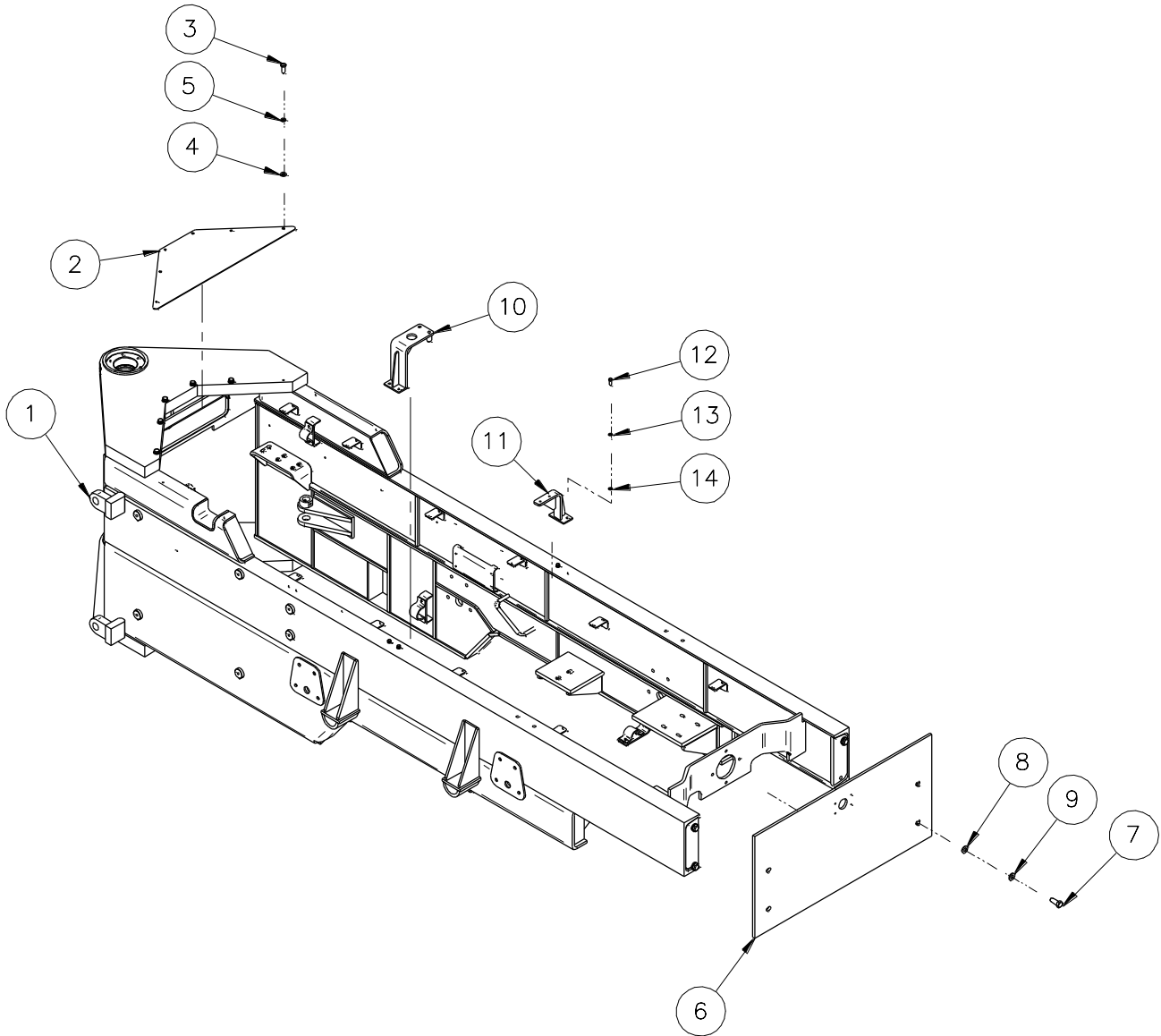
REAR BODY F150/F170 -74 HP



REAR BODY F150/F170 -74 HP

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101514369200	C	REAR BODY FAB.	1	
2	101464429200	A	COVER PLATE	1	
3	901501212060	A	SCREW HEX	6	M12x30, Gr - 8.8
4	901611200000	A	WASHER SPRING	6	M12
5	101514469300	A	PLATE	1	
6	101514370400	A	FUEL FILTER MTG. FAB	1	
7	101514370500	A	FUEL FILTER MTG BKT FAB	1	
8	101514468900	A	ECU BKT F150 BS4	1	
9	101514529400	A	EXHAUST MTG. PLATE	1	
10	901500612050	A	SCREW HEX	4	M6x25, Gr - 8.8
11	901500812040	A	SCREW HEX M8x20	4	M8x20, Gr - 8.8
12	901600800000	A	WASHER PLAIN	4	M8
13	901501012050	A	SCREW HEX	4	M10x25, Gr - 8.8
14	901601000000	A	WASHER PLAIN M10	4	M10
15	901501612080	A	SCREW HEX	4	M16x40, Gr - 8.8
16	901611600000	A	WASHER SPRING	4	M16
17	901601600000	A	WASHER PLAIN	4	M16
18	901610600000	A	WASHER SPRING	8	M6
19	901610800000	A	WASHER SPRING	4	M8
20	901601200000	A	WASHER PLAIN	1	M12
21	901611000000	A	WASHER SPRING M10	4	M10

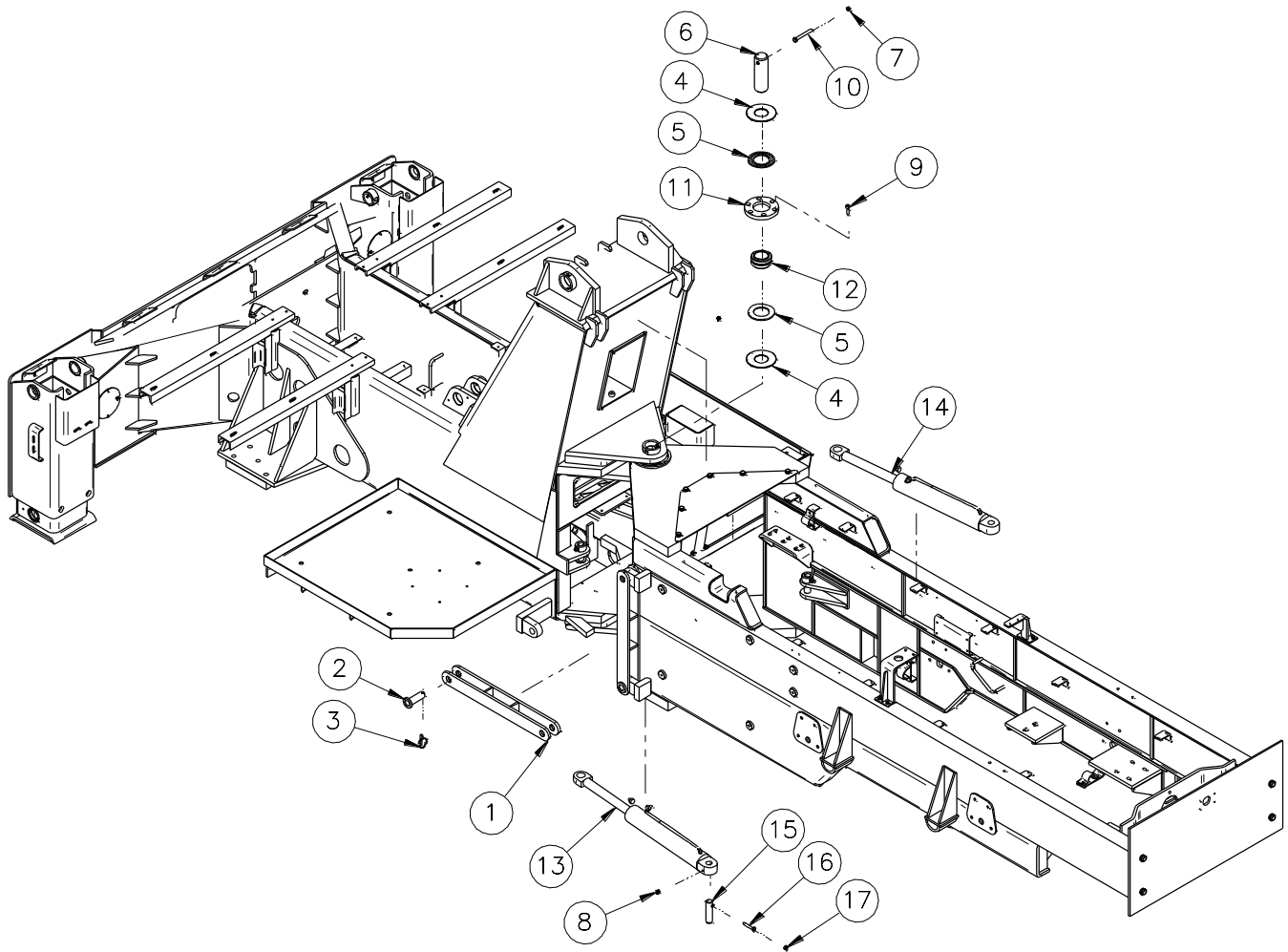
REAR BODY F150/F170 -101 HP



REAR BODY F150/F170 -101 HP

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101514369400	D	REAR BODY FAB.	1	
2	101464429200	A	COVER PLATE	1	
3	901501212060	A	SCREW HEX	6	M12x30, Gr - 8.8
4	901601200000	A	WASHER PLAIN	6	M12
5	901611200000	A	WASHER SPRING	6	M12
6	101514469300	A	PLATE	1	
7	901501612080	A	SCREW HEX	4	M16x40, Gr - 8.8
8	901611600000	A	WASHER SPRING	4	M16
9	901601600000	A	WASHER PLAIN	4	M16
10	101514370400	A	FUEL FILTER MTG. FAB	1	
11	101514370500	A	FUEL FILTER MTG BKT FAB	1	
12	901500812040	A	SCREW HEX M8x20	4	M8x20, Gr - 8.8
13	901610800000	A	WASHER SPRING	4	M8
14	901600800000	A	WASHER PLAIN	4	M8

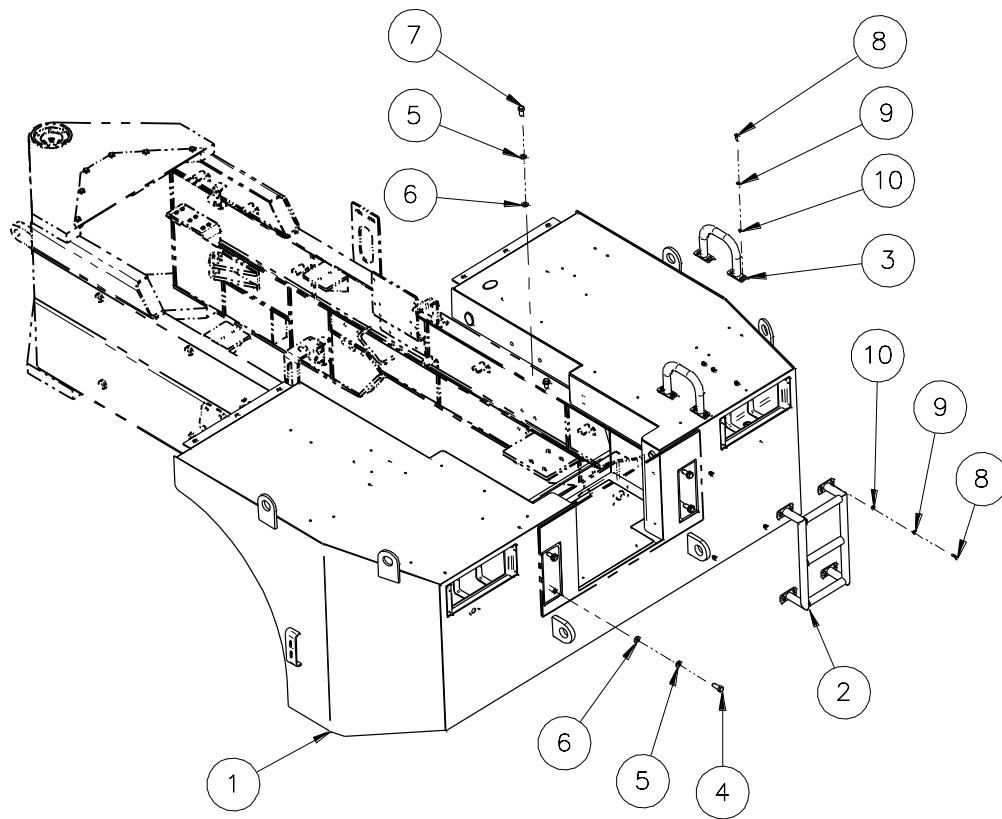
CENTER PIVOT ASSY



CENTER PIVOT ASSY.

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	102011323200	A	TOWING BKT FAB	1	
2	101611220000	A	LOCKING PIN	2	
3	901660600000	A	LINCH PIN	2	
4	101216421100	A	THRUST WASHER	4	
5	200113400400	B	SPACING PAD	4	
6	101416419900	B	PIN	2	AMCHA15F 1700
7	901201200000	A	NUT HEX	2	M12
8	901301010000	A	NIPPLE GREASE	4	M10x1(90)
9	901111210070	A	BOLT ALLEN	12	M12x35, Gr - 12.9
10	901101212200	A	BOLT HEX	2	M12x100, Gr - 8.8
11	101414432200	C	CENTER SUPPORT FLANGE	2	
12	933400000100	A	RADIAL ROD END BEARING	2	GE 60 ES
13	924400700343	A	RH STEERING CYLINDER	1	
14	924400700344	A	LH STEERING CYLINDER	1	
15	101112200400	B	PIN	4	
16	901101012120	A	BOLT HEX, M10x60	4	
17	901201000000	A	NUT HEX, M10	4	

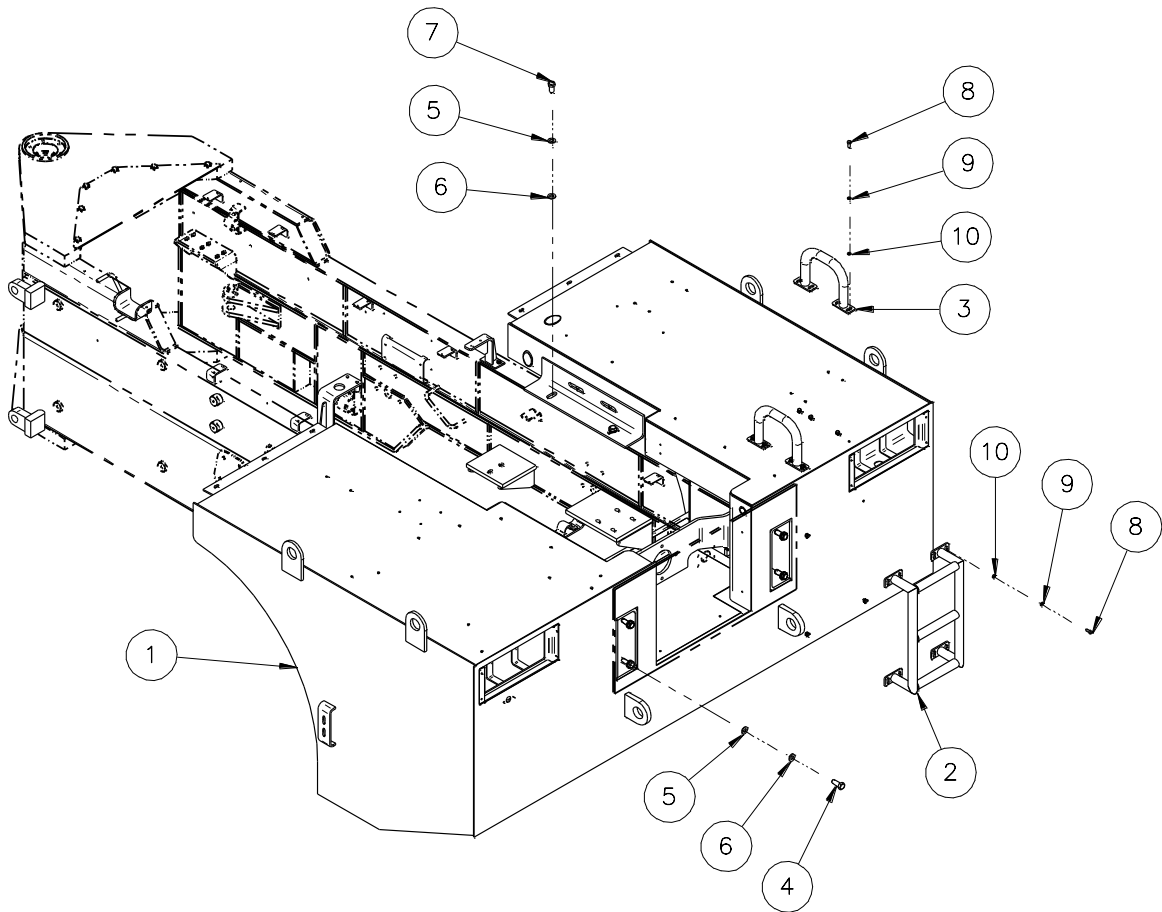
COUNTER WEIGHT ASSY F150 -74 & 101HP



COUNTER WEIGHT ASSY F150 -74 HP & 101HP

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101515121710	F	CWT WITH SLAG ASSLY	1	
2	101515329100	A	LADDER FAB	1	
3	101515329000	A	HANDLE FAB.	2	
4	901501613080	A	BOLT HEX	4	M16x40, Gr - 10.9
5	901611600000	A	WASHER SPRING	8	M16
6	901601600000	A	WASHER PLAIN	8	M16
7	901501612060	A	SCREW HEX	4	M16x30, Gr - 8.8
8	901500812040	A	SCREW HEX M8x20	12	M8x20, Gr - 8.8
9	901610800000	A	WASHER SPRING	12	M8
10	901600800000	A	WASHER PLAIN	12	

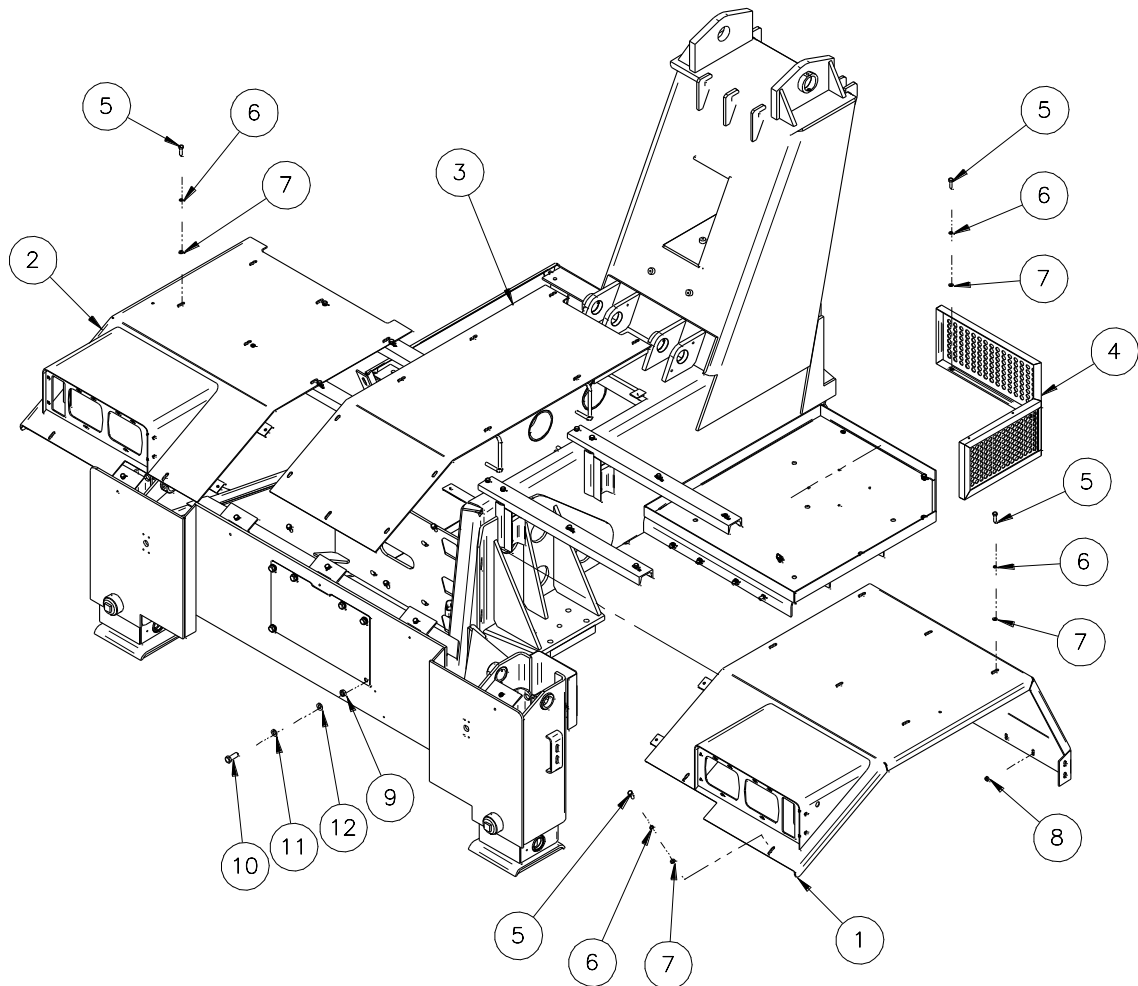
COUNTER WEIGHT ASSY F170 -74 HP & 101HP



COUNTER WEIGHT ASSY F170 -74 & 101HP

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101815120300	H	CWT WITH SLAG SUB ASSLY	1	
2	101515329100	A	LADDER FAB	1	
3	101515329000	A	HANDLE FAB.	2	
4	901501613080	A	BOLT HEX	4	M16x40, Gr - 10.9
5	901611600000	A	WASHER SPRING	8	M16
6	901601600000	A	WASHER PLAIN	8	M16
7	901501612060	A	SCREW HEX	4	M16x30, Gr - 8.8
8	901500812040	A	SCREW HEX M8x20	12	M8x20, Gr - 8.8
9	901610800000	A	WASHER SPRING	12	M8
10	901600800000	A	WASHER PLAIN	12	

FRONT FENDER & COVER ASSY F150 -74 & 101 HP

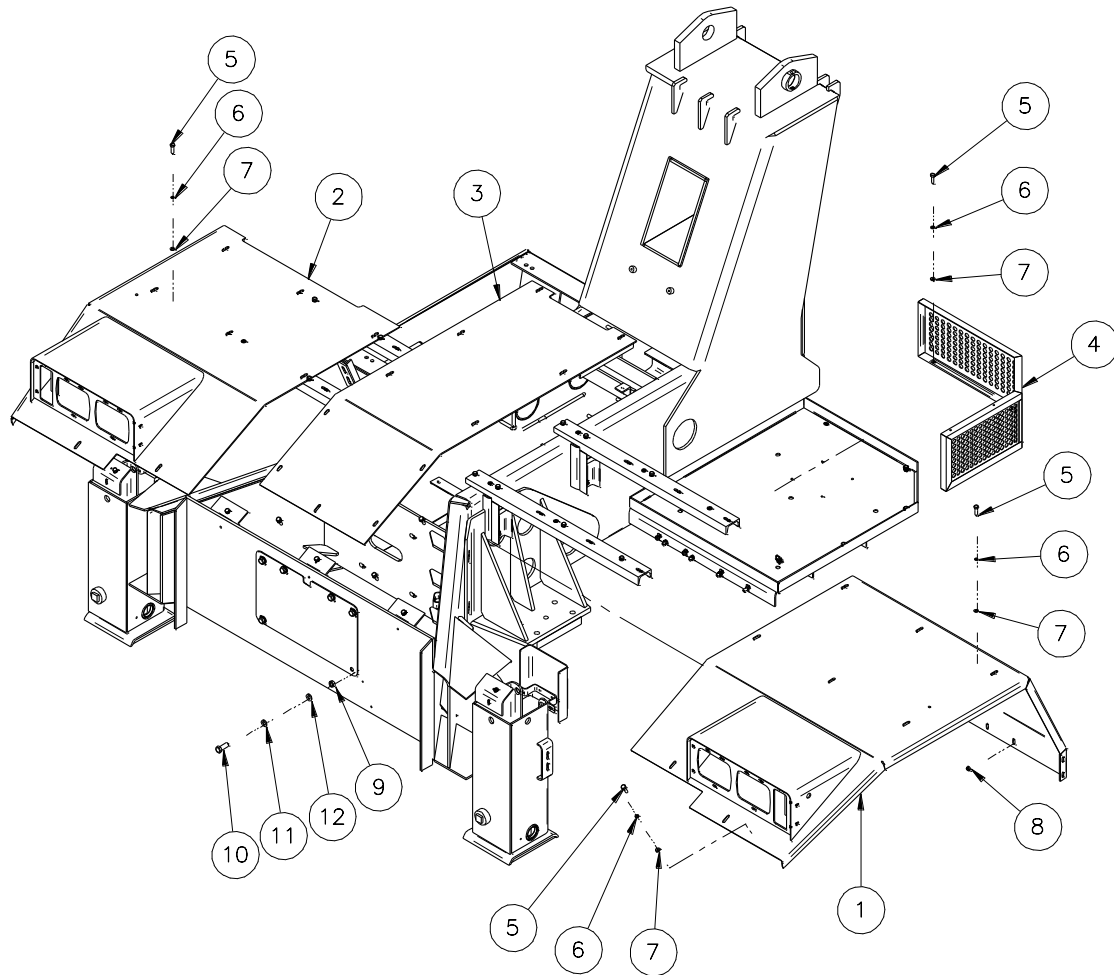


FRONT FENDER & COVER ASSY

F150 -74 & 101 HP

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101564337400	B	LH PLATFORM FAB (FRONT)	1	
2	101564337500	A	RH PLATFORM FAB (FRONT)	1	
3	101564337000	B	CENTER FENDER FAB	1	
4	101564325600	C	GUARD FAB	1	
5	901101012070	A	BOLT HEX M 10X35	44	
6	901611000000	A	WASHER SPRING M10	60	M10
7	901601000000	A	WASHER PLAIN M10	101	M10
8	901201000000	A	NUT HEX, M10	41	
9	901201600000	A	NUT HEX M16	6	M16
10	901101612090	A	BOLT HEX	6	M16x45, Gr - 8.8
11	901611600000	A	WASHER SPRING	6	M16
12	901601600000	A	WASHER PLAIN	12	M16

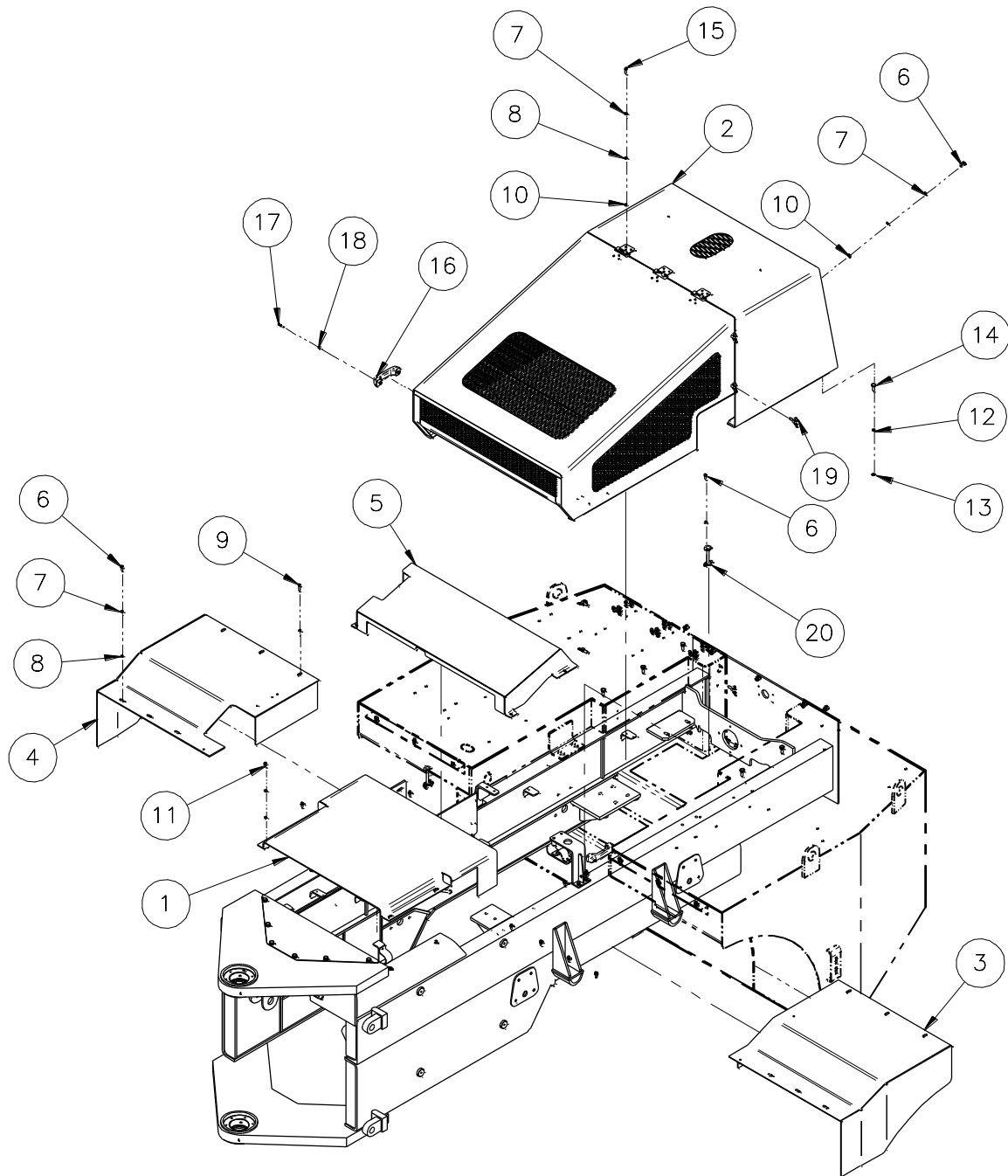
FRONT FENDER & COVER ASSY F170 -74 & 101 HP



FRONT FENDER & COVER ASSY F170 -74 & 101 HP

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101564336900	B	LH PLATFORM FAB (FRONT)	1	
2	101564336800	B	RH PLATFORM FAB (FRONT)	1	
3	101564337000	B	CENTER FENDER FAB	1	
4	101564325600	C	GUARD FAB	1	
5	901101012070	A	BOLT HEX M 10X35	44	
6	901611000000	A	WASHER SPRING M10	60	M10
7	901601000000	A	WASHER PLAIN M10	101	M10
8	901201000000	A	NUT HEX, M10	41	
9	901201600000	A	NUT HEX M16	6	M16
10	901101612090	A	BOLT HEX	6	M16x45, Gr - 8.8
11	901611600000	A	WASHER SPRING	6	M16
12	901601600000	A	WASHER PLAIN	12	M16

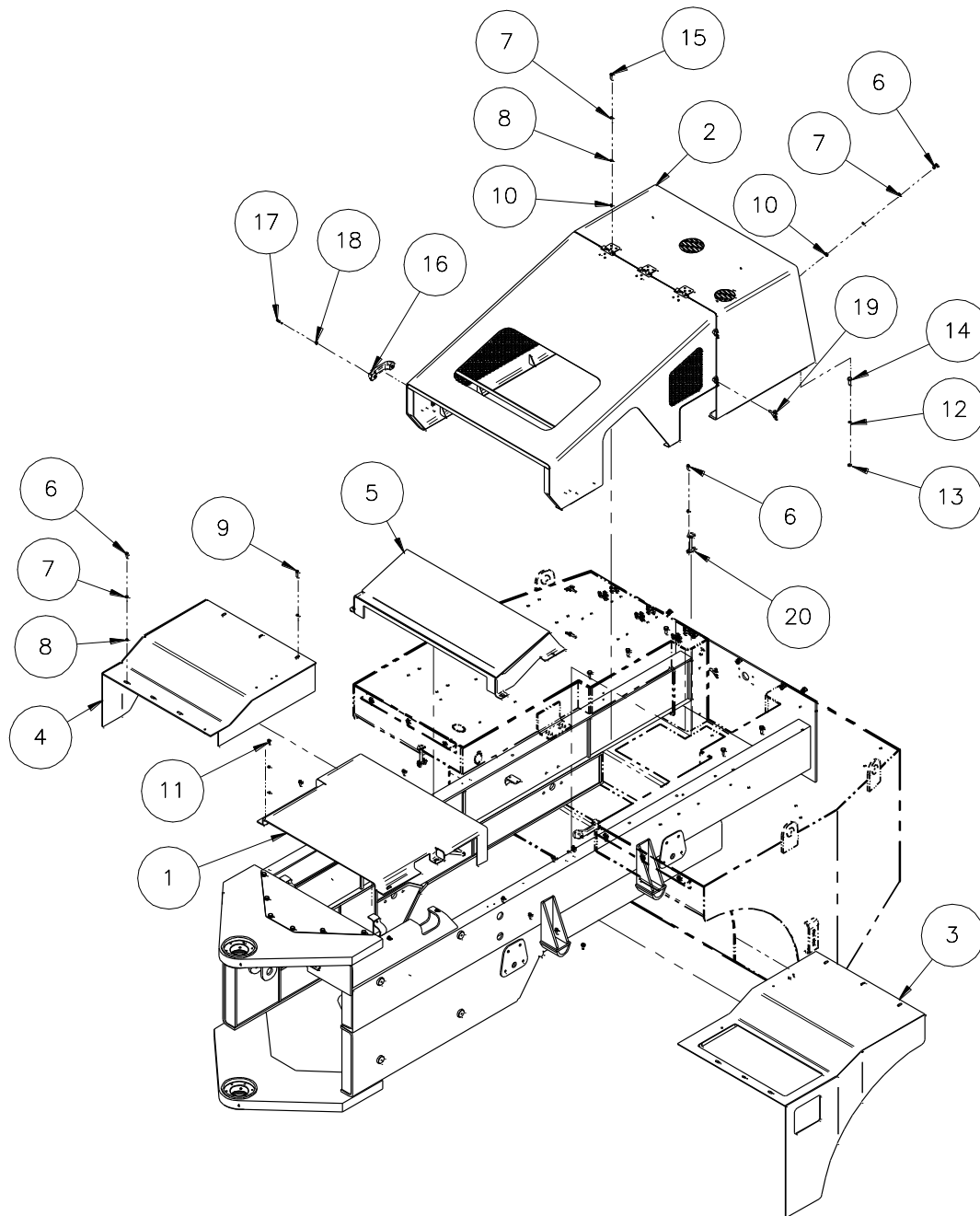
REAR FENDER & COVER ASSEMBLY F150/F170 -74 HP



REAR FENDER & COVER ASSEMBLY F150/F170 -74 HP

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101564340300	C	CENTER FENDER FAB.	1	
2	101564129400	B	REAR BONNET SUB ASSY	1	
3	101564339700	B	REAR FENDER FAB LH	1	
4	101564339800	C	REAR FENDER FAB RH	1	
5	101564341300	B	CENTER FENDER FAB REAR	1	
6	901500812040	A	SCREW HEX M8x20	24	M8x20, Gr - 8.8
7	901610800000	A	WASHER SPRING	50	M8
8	901600800000	A	WASHER PLAIN	71	M8
9	901500812060	A	SCREW HEX	6	M8x30, Gr - 8.8
10	901200800000	A	NUT HEX M8	38	
11	901500812030	A	SCREW HEX	5	M8x15, Gr - 8.8
12	901611000000	A	WASHER SPRING M10	6	M10
13	901601000000	A	WASHER PLAIN M10	6	M10
14	901501012060	A	SCREW HEX	8	M10x30, Gr - 8.8
15	901500812050	A	SCREW HEX	18	M8x25, Gr - 8.8
16	937200000100	A	HANDLE	2	CAR INTERNATIONAL
17	901510610040	A	SCREW ALLEN	4	M6x20, Gr - 12.9
18	901600600000	A	WASHER PLAIN	3	M6
19	901241100000	A	WING SCREW (M10X25)	4	
20	101264121700	A	BONNET CLIP ASSY	2	

REAR FENDER & COVER ASSEMBLY F150/F170 -101 HP

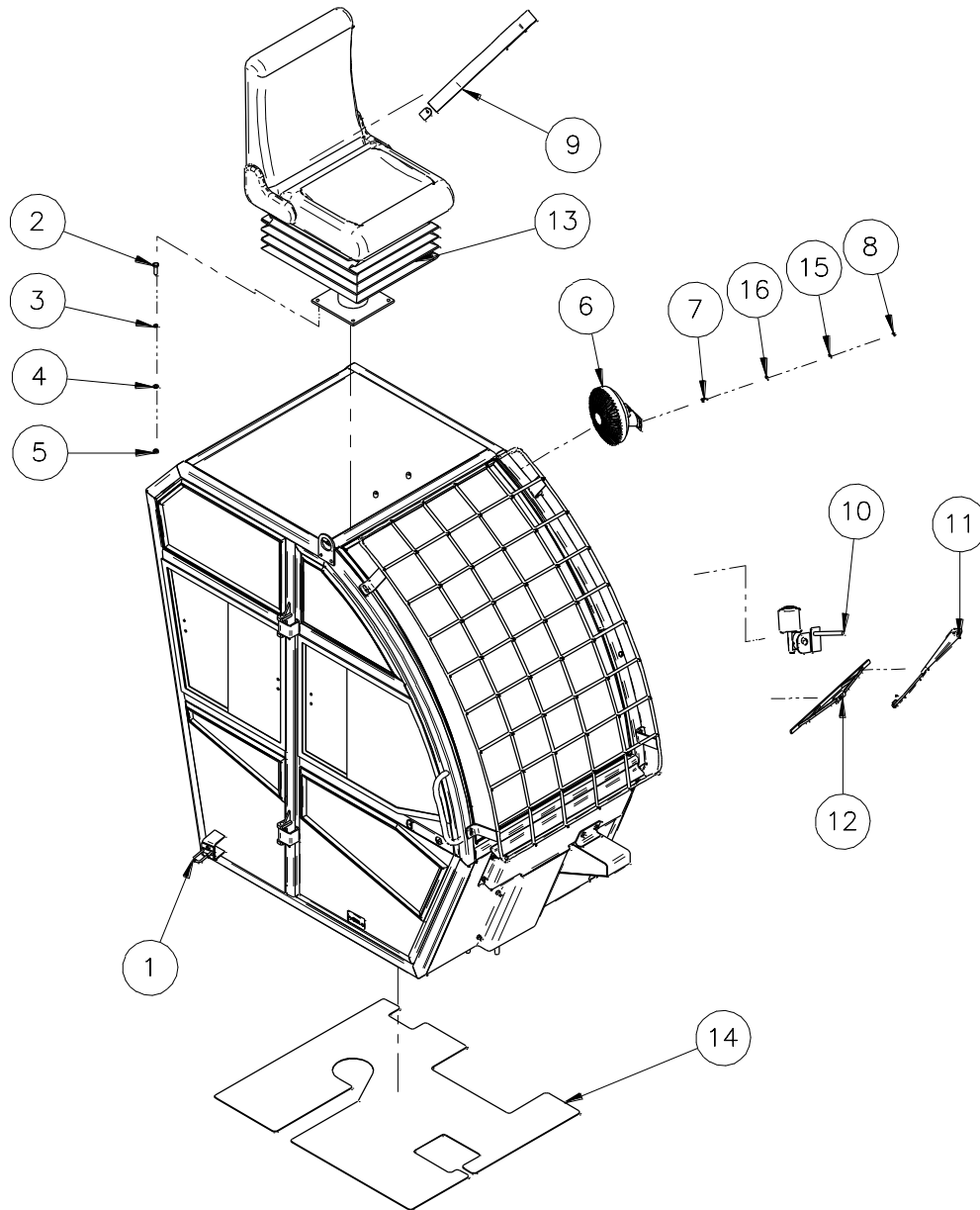


REAR FENDER & COVER ASSEMBLY

F150/F170 -101 HP

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101564341600	B	CENTER FENDER FAB.	1	
2	101764123200	D	REAR BONNET SUB ASSY	1	
3	101864323300	B	REAR FENDER FAB LH	1	
4	101564341400	B	REAR FENDER FAB RH	1	
5	101564341500	A	CENTER FENDER FAB REAR	1	
6	901500812040	A	SCREW HEX M8x20	24	M8x20, Gr - 8.8
7	901610800000	A	WASHER SPRING	50	M8
8	901600800000	A	WASHER PLAIN	71	M8
9	901500812060	A	SCREW HEX	6	M8x30, Gr - 8.8
10	901200800000	A	NUT HEX M8	38	
11	901500812030	A	SCREW HEX	5	M8x15, Gr - 8.8
12	901611000000	A	WASHER SPRING M10	6	M10
13	901601000000	A	WASHER PLAIN M10	6	M10
14	901501012060	A	SCREW HEX	8	M10x30, Gr - 8.8
15	901500812050	A	SCREW HEX	18	M8x25, Gr - 8.8
16	937200000100	A	HANDLE	2	CAR INTERNATIONAL
17	901510610040	A	SCREW ALLEN	4	M6x20, Gr - 12.9
18	901600600000	A	WASHER PLAIN	3	M6
19	901241100000	A	WING SCREW (M10X25)	4	
20	101264121700	A	BONNET CLIP ASSY	2	

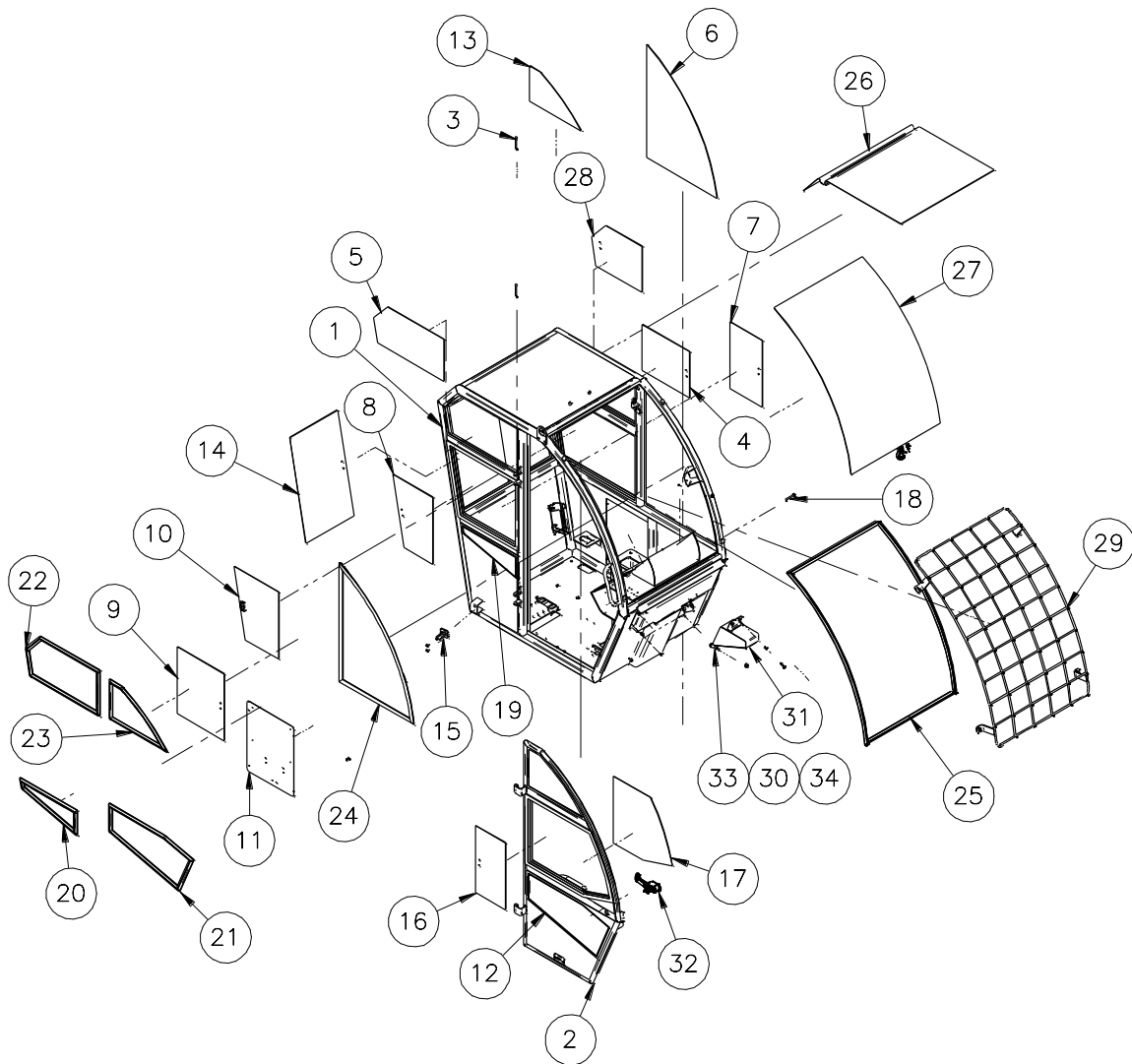
CABIN ASSEMBLY



CABIN ASSEMBLY

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101563128300	A	CABIN SUB ASSY	1	
2	901101012070	A	BOLT HEX M 10X35	4	
3	901611000000	A	WASHER SPRING M10	4	M10
4	901601000000	A	WASHER PLAIN M10	8	M10
5	901201000000	A	NUT HEX, M10	4	
6	941900000100	A	FAN 12V (FOR CABIN)	1	REMI
7	901500512030	A	SCREW HEX M5x16	4	M5x16, Gr - 8.8
8	901200500000	A	NUT HEX	4	M5
9	936400000200	A	SEAT BELT	1	
10	101275420500	A	WIPER MOTOR (015) 12V H.D.	1	
11	101175419900	A	WIPER ARM 16"	1	
12	941800002000	A	WIPER BLADE 20"	1	
13	936100001100	A	DRIVER SEAT	1	MAJESTIC SEATS (INDIA)
14	101563471600	A	FLOOR MAT	1	
15	901610500000	A	WASHER SPRING	4	M5
16	901600500000	A	WASHER PLAIN	4	M5

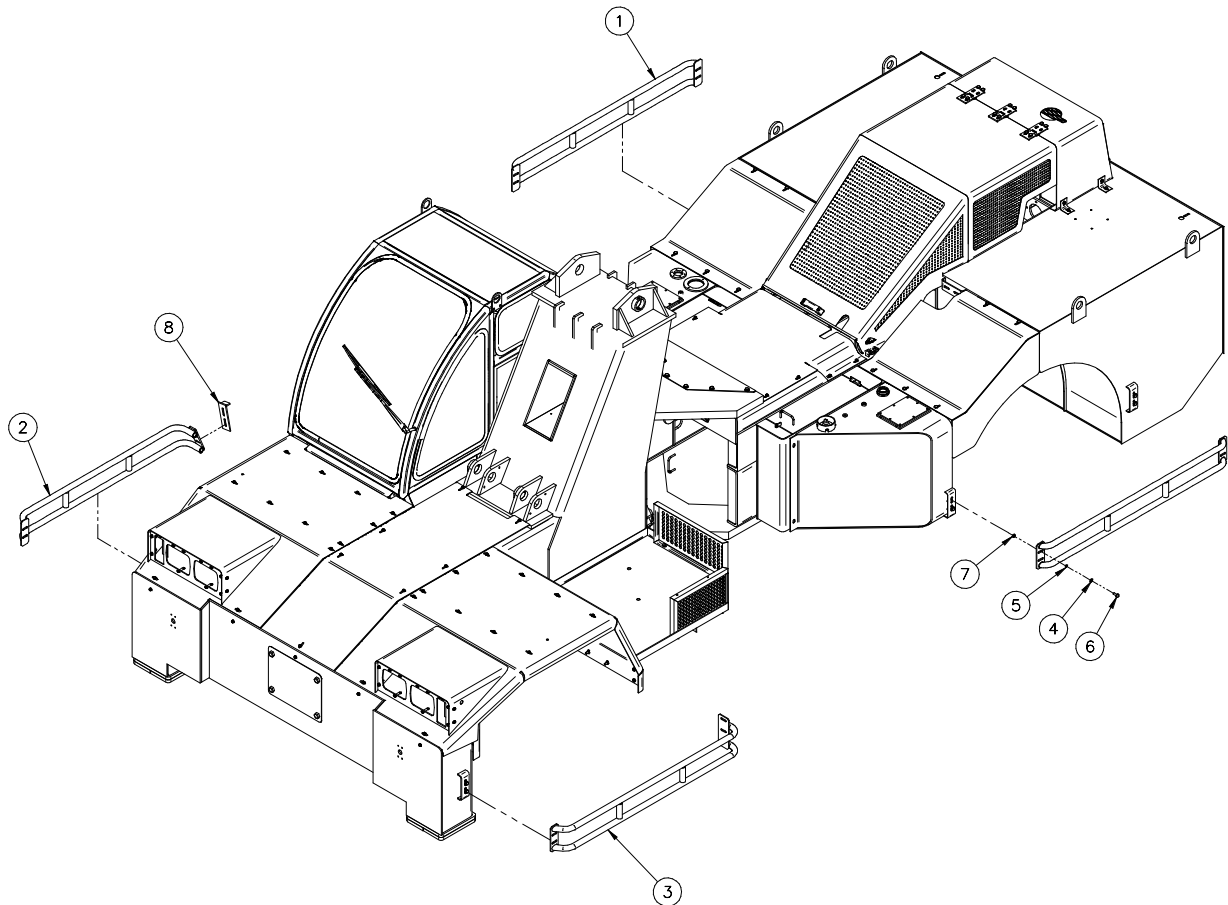
CABIN SUB ASSEMBLY



CABIN SUB ASSEMBLY

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101563332200	A	CABIN FRAME FAB	1	
2	101563331300	C	DOOR FRAME FAB	1	
3	300164405000	A	HINGE PIN.	2	
4	102163420200	A	SIDE GLASS	1	
5	101563521600	A	SIDE GLASS	1	
6	101563521800	A	SIDE GLASS	1	
7	101563465800	A	WINDOW GLASS	1	
8	101563465900	A	WINDOW GLASS	1	
9	101563466000	A	LH SPLIT GLASS	1	
10	101563466100	A	LH SPLIT GLASS	1	
11	101563524100	A	COVER	1	
12	101563455600	A	DOOR GLASS	1	
13	101563521500	A	DOOR GLASS	1	
14	101563466300	A	WINDOW GLASS	2	
15	937100002500	A	CATCHER	1	
16	101563466400	A	DOOR WINDOW GLASS	1	
17	101563466500	A	DOOR WINDOW GLASS	1	
18	101563471300	A	PIN FOR DOOR LOCK	1	
19	101563455500	A	DOOR GLASS	1	
20	101563455700	A	DOOR GLASS BEDING	1	
21	101563455800	A	DOOR GLASS BEDING	1	
22	101563522000	A	SIDE GLASS BEDING	1	
23	101563522100	A	DOOR GLASS BEDING	1	
24	101563522200	A	SIDE GLASS BEDING	1	
25	101563522400	A	FRONT GLASS BEDING	1	
26	101563522600	A	ROOF CARPET	1	
27	101563521900	A	FRONT GLASS	1	
28	102163420300	A	SIDE GLASS	1	
29	101563331800	A	CABIN GUARD FAB (FRONT)	1	
30	901230810000	A	WELD NUT M8	2	M8
31	101554320700	C	MASTER CYL. COVER FAB	1	
32	200361424000	A	FRONT DOOR HANDLE	1	
33	200363460300	A	STRIKER PIN.	1	
34	901221200000	A	NUT NYLOCK	1	M12

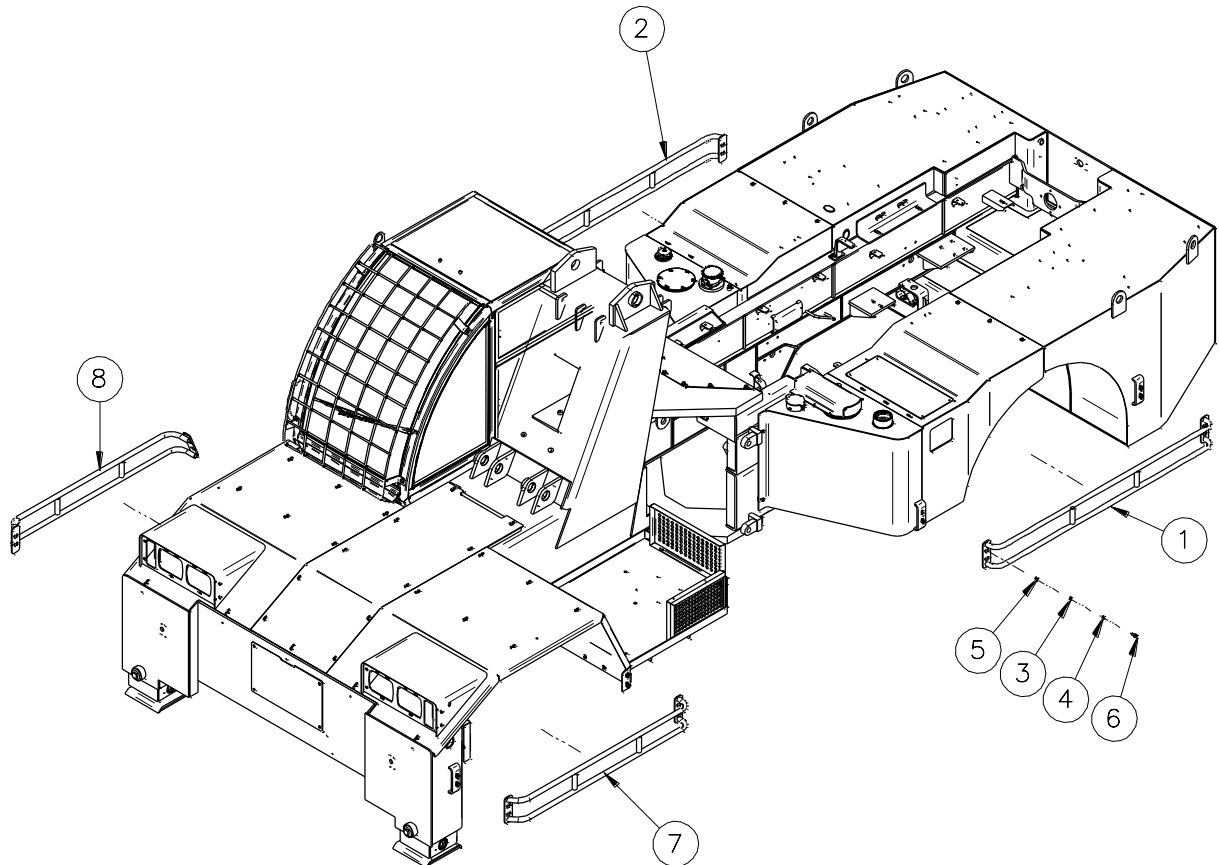
TYRE GUARD ASSEMBLY F150/F170-BS4 EICHER 74 HP



TYRE GUARD ASSEMBLY

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	101564328700	A	REAR TYRE GUARD FAB	2	
2	101564330300	B	FRONT TYRE GUARD FAB RH	1	
3	101564334500	A	FRONT TYRE GUARD FAB LH	1	
4	901601200000	A	WASHER PLAIN	32	M12
5	901611000000	A	WASHER SPRING	16	M10
6	901501012060	A	SCREW HEX	16	M10x30, Gr - 8.8
7	901201000000	A	NUT HEX	16	M10
8	101514361600	A	GUARD MTG BKT	1	

TYRE GUARD ASSEMBLY F150/F170-BS4 EICHER 101 HP

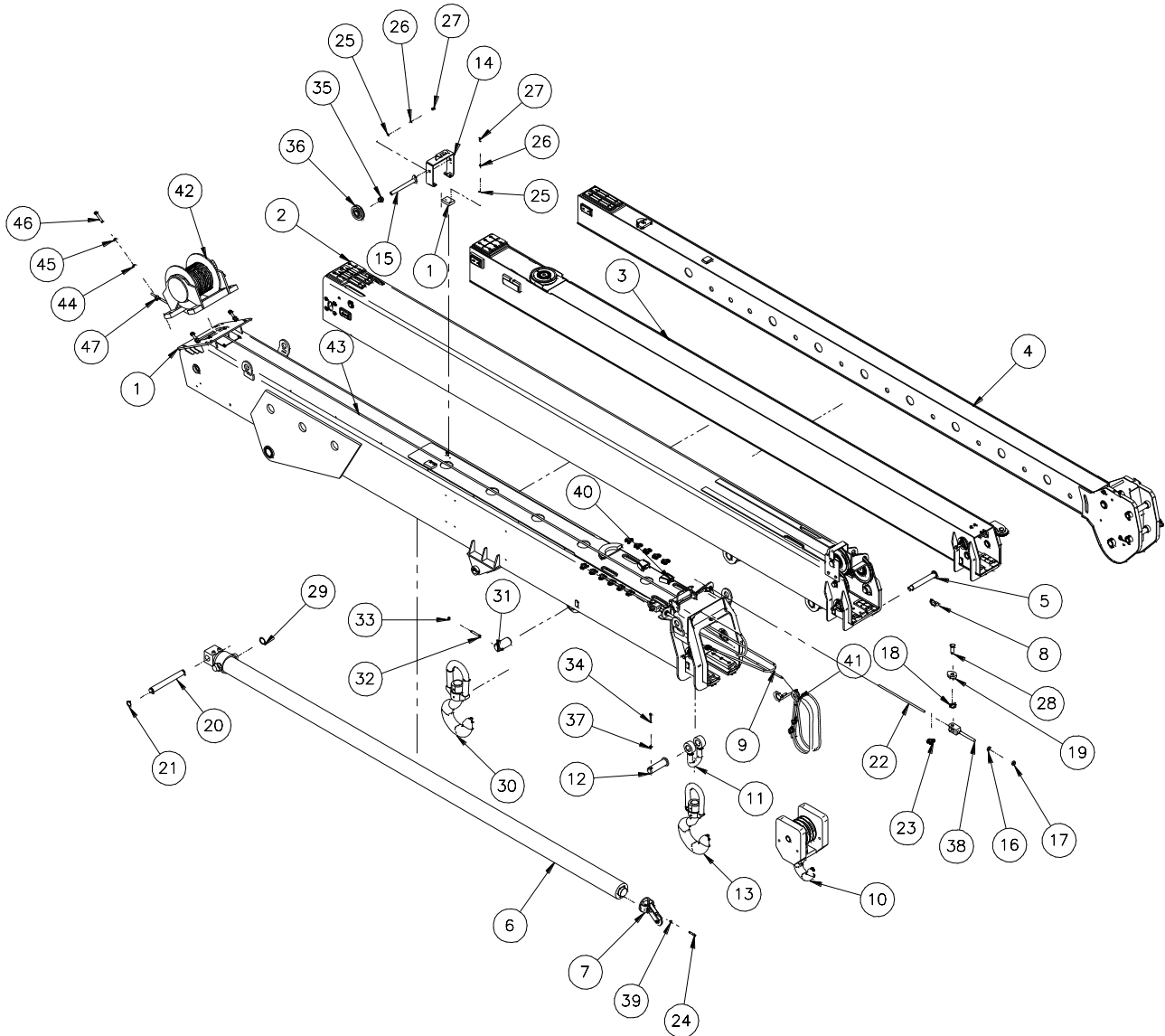


TYRE GUARD ASSEMBLY

F150/F170-BS4 EICHER 101 HP

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101564341700	A	REAR TYRE GUARD LH FAB	1	F150/F170 BS4 101 HP
2	101564328700	D	REAR TYRE GUARD FAB	1	
3	901601000000	A	WASHER PLAIN M10	16	M10
4	901611000000	A	WASHER SPRING M10	16	M10
5	901201000000	A	NUT HEX, M10	16	
6	901501012060	A	SCREW HEX	16	M10x30, Gr - 8.8
7	101564330400	C	FRONT TYRE GUARD FAB LH	1	
8	101564330300	C	FRONT TYRE GUARD FAB RH	1	

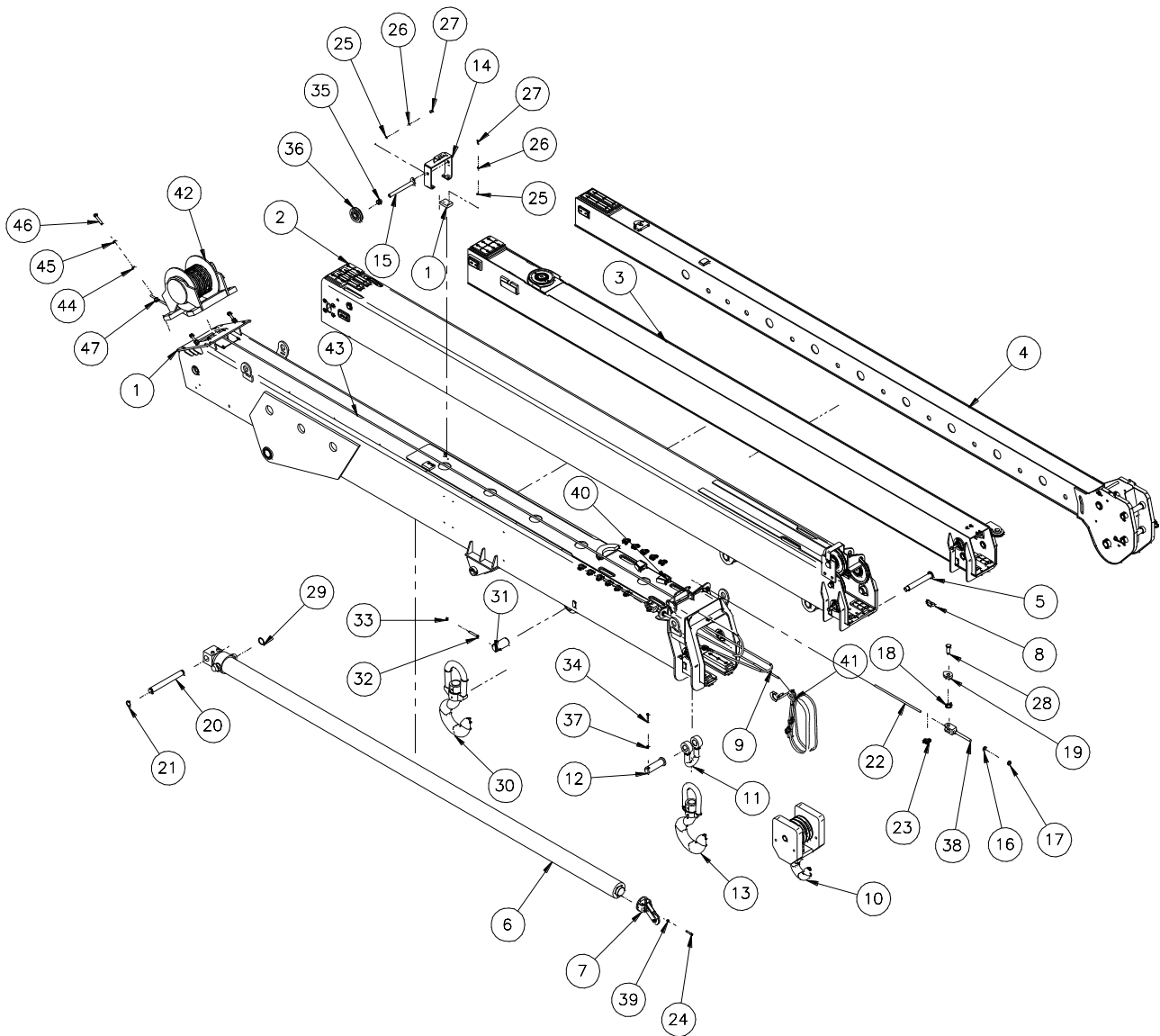
BOOM COMPLETE ASSEMBLY F150 BS4 74 & 101 HP EICHER



BOOM COMPLETE ASSEMBLY F150 BS4 74 & 101 HP EICHER

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101521134600	A	MAIN BOOM ASSY	1	
2	101522127400	C	FIRST EXTN ASSY	1	
3	101523121900	A	SECOND EXTN ASSY	1	
4	101524123300	A	MANUAL EXTN ASSY	1	
5	101623423300	B	LOCKING PIN	1	
6	924801003970	A	EXTN CYL	1	
7	101521131700	B	ROLLER BKT ASSY	1	
8	901661700000	A	LINCH PIN	1	
9	101521426500	C	WIRE ROPE	1	Ø 10 mm (6x37 S.C) 7 mtr long WITH THIMBLE
10	101521130900	C	SNATCH BLOCK ASSY-4F	1	
11	101221402600	A	SHAKLE	1	
12	101221219900	A	PIN	1	
13	101227119900	A	HOOK ASSY 12T	1	REF NO: AFBSAS 3412
14	101221325100	C	ROPE PULLEY BKT	1	
15	101228400500	A	PIN ROLLER BKT	1	REF NO. ANBAM3-0812
16	901602000000	A	WASHER PLAIN	2	M20
17	901202000000	A	NUT HEX	6	M20
18	901660600000	A	LINCH PIN	2	
19	101121201400	B	SOLID THIMBLE	2	
20	101521422300	A	PIN EXTN CYL	1	
21	930402502000	A	EXTERNAL CIRCLIP	2	DIA 40 x 2.5 N IS:3075
22	101128100400	A	ROPE	2	DIA 13 X 17 mtr WIRE ROPE
23	996700007802	A	U CLAMP	14	(OLD NO.101221402100)
24	901511010100	A	SCREW ALLEN	6	M10x50, Gr - 12.9
25	901600800000	A	WASHER PLAIN	5	M8
26	901500812040	A	SCREW HEX	5	M8x20, Gr - 8.8
27	101128200400	A	LOCKING PIN	2	
28	101521527600	A	SHIM	2	
29	101627120000	A	HOOK ASSY 16T	1	HOOK ASSY. 16TON
30	101221421600	A	HOOK PIN	1	

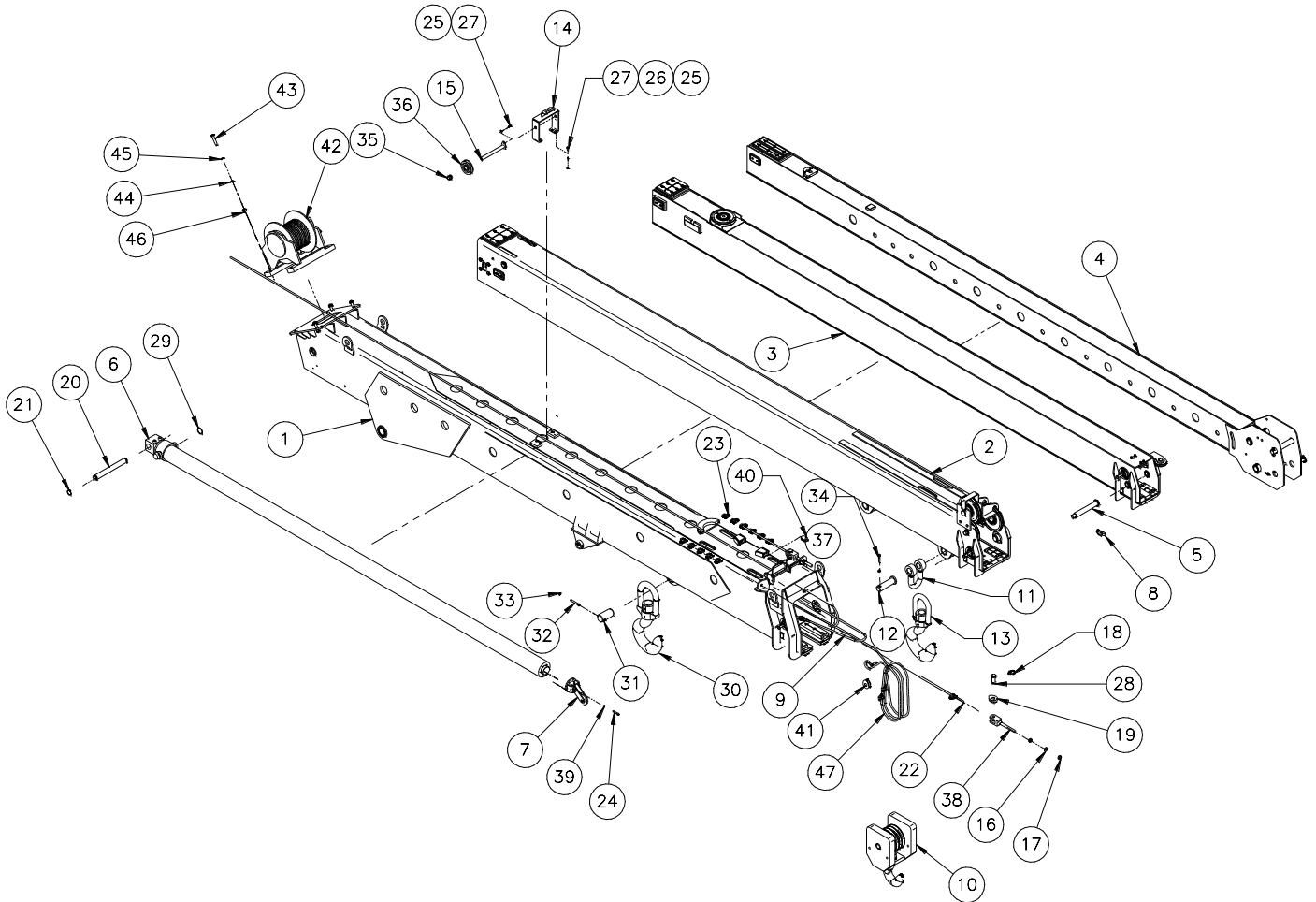
BOOM COMPLETE ASSEMBLY F150 BS4 74 & 101 HP EICHER



BOOM COMPLETE ASSEMBLY F150 BS4 74 & 101 HP EICHER

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
30	101221421600	A	HOOK PIN	1	
31	901101212180	A	BOLT HEX	1	M12x90, Gr - 8.8
32	901101012130	A	BOLT HEX	1	M10x65, Gr - 8.8
33	101228400400	C	BUSH	1	REF NO. ANBAM3-1212
34	101228400300	D	PULLEY	1	REF NO. ANBAM3-1012
35	901221000000	A	NUT NYLOCK	1	M10
36	101121201300	D	TIE ROD	2	
37	101128200500	B	ROPE CLAMP	2	
38	101521446700	A	SOLID THIMBLE	1	
39	929100000800	A	WINCH ASSY	1	2.5 T/86 mtr ROPE & ROPE TENSIONER
40	101621426100	B	ROPE WINCH	1	DIA13X90M (STEEL CORE) ANTI TWIST
41	901601600000	A	WASHER PLAIN	4	M16
42	901611600000	A	WASHER SPRING	4	M16
43	901101612160	A	BOLT HEX	4	M16x80, Gr - 8.8
44	901221600000	A	NUT NYLOCK	4	M16

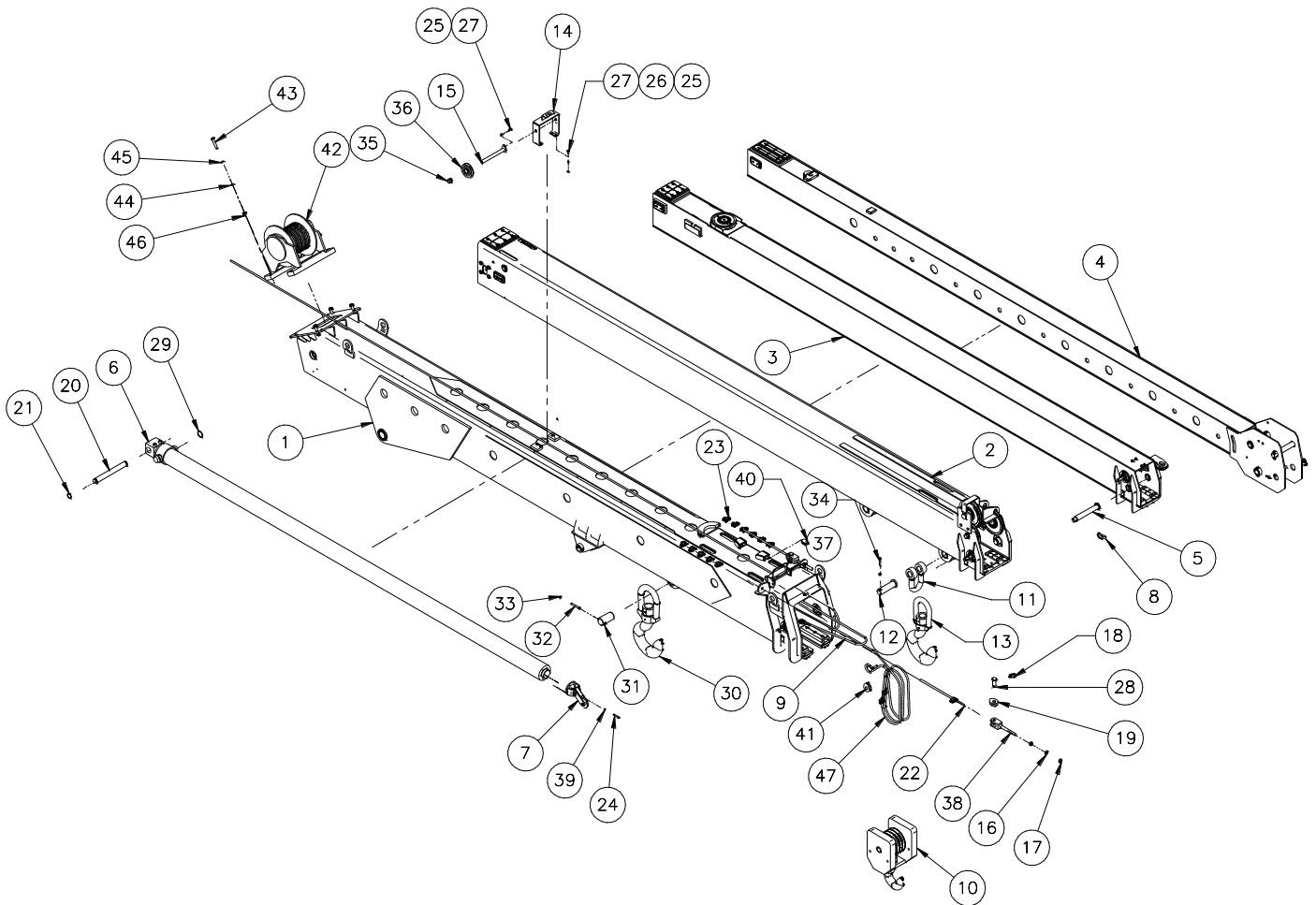
BOOM COMPLETE ASSEMBLY F170 BS4 74 & 101 HP EICHER



BOOM COMPLETE ASSEMBLY F170 BS4 74 & 101 HP EICHER

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101521134600	A	MAIN BOOM ASSY	1	
2	101522127400	C	FIRST EXTN ASSY	1	
3	101523121900	A	SECOND EXTN ASSY	1	
4	101524122700	F	MANUAL EXTN ASSY	1	
5	101623423300	B	LOCKING PIN	1	
6	924801003970	A	EXTN CYL	1	
7	101521131700	B	ROLLER BKT ASSY	1	
8	901661700000	A	LINCH PIN	1	
9	101521426500	C	WIRE ROPE	1	Ø 10 mm (6x37 S.C) 7 mtr WITH THIMBLE
10	101521130900	C	SNATCH BLOCK ASSY-4F	1	
11	101221402600	A	SHAKLE	1	
12	101221219900	A	PIN	1	DIA 50 X180
13	101227119900	A	HOOK ASSY 12T	1	REF NO: AFBSAS 3412
14	101221325100	C	ROPE PULLEY BKT	1	
15	101228400500	A	PIN ROLLER BKT	1	REF NO. ANBAM3-0812, 101221200800/A
16	901602000000	A	WASHER PLAIN	2	M20
17	901202000000	A	NUT HEX	6	M20
18	901660600000	A	LINCH PIN	2	
19	101121201400	B	SOLID THIMBLE	2	
20	101521422300	A	PIN EXTN CYL	1	
21	930402502000	-	EXTERNAL CIRCLIP	2	DIA 40 x 2.5 N IS:3075
22	101028100100	A	ROPE	2	DIA 13 X 13 mtr WIRE ROPE
23	996700007802	A	U CLAMP	14	(OLD NO.101221402100)
24	901511010100	A	SCREW ALLEN	6	M10x50, Gr - 12.9
25	901600800000	A	WASHER PLAIN	5	M8
26	901610800000	A	WASHER SPRING	5	M8
27	901500812040	A	SCREW HEX	5	M8x20, Gr - 8.8
28	101128200400	A	LOCKING PIN	2	
29	101521527600	A	SHIM	2	

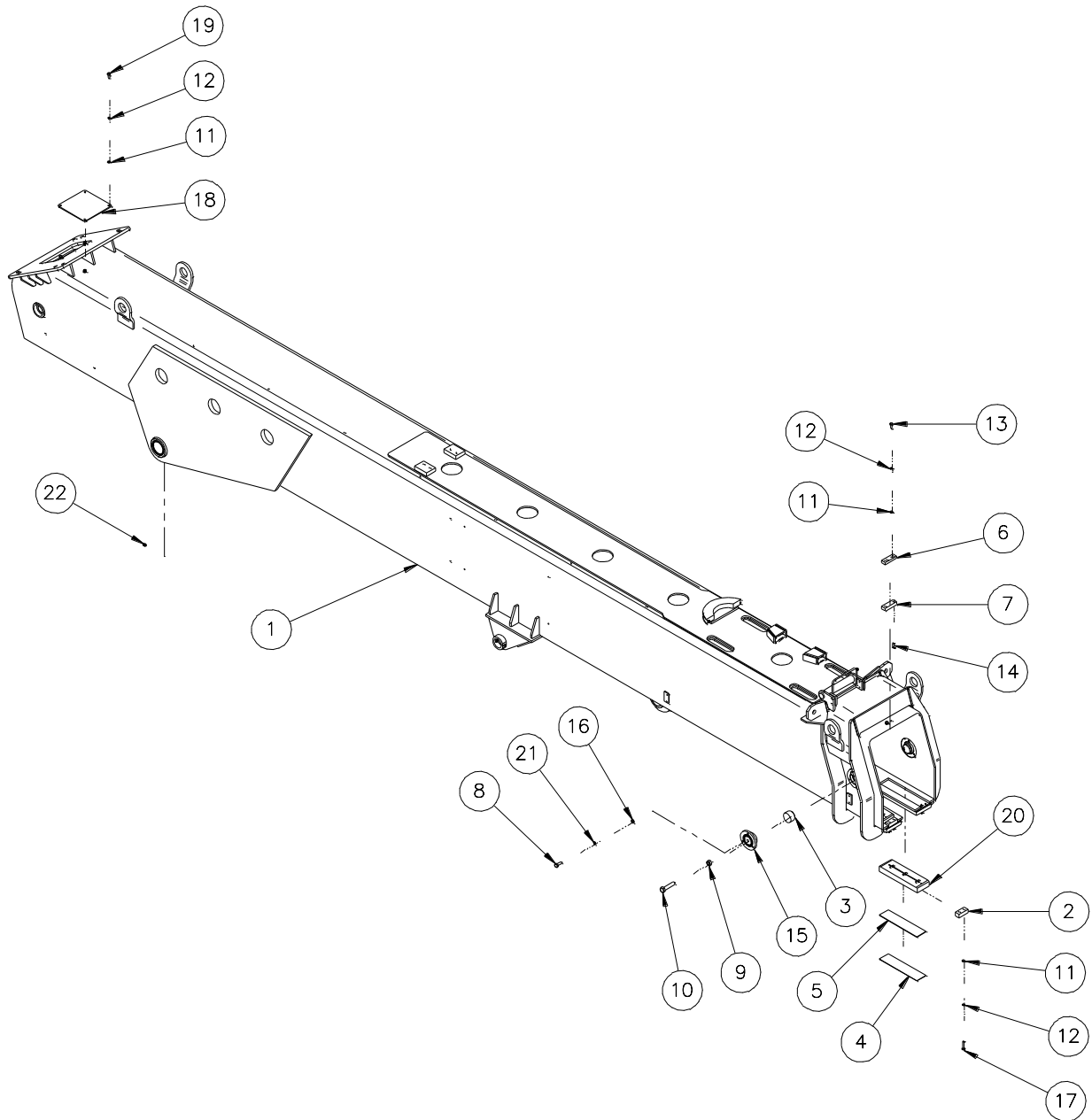
BOOM COMPLETE ASSEMBLY F170 BS4 74 & 101 HP EICHER



BOOM COMPLETE ASSEMBLY F170 BS4 74 & 101 HP EICHER

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
29	101521527600	A	SHIM	2	
30	101627120000	A	HOOK ASSY 16T	1	HOOK ASSY. 16TON
31	101221421600	A	HOOK PIN	1	
32	901101212180	A	BOLT HEX	1	M12x90, Gr - 8.8
33	901201200000	A	NUT HEX	1	M12
34	901101012130	A	BOLT HEX	1	M10x65, Gr - 8.8
35	101228400400	C	BUSH	1	REF NO. ANBAM3-1212
36	101228400300	E	PULLEY	1	REF NO. ANBAM3-1012
37	901221000000	A	NUT NYLOCK	1	M10
38	101121201300	D	TIE ROD	2	
39	901611000000	A	WASHER SPRING	6	M10
40	101128200500	B	ROPE CLAMP	2	
41	101521446700	A	SOLID THIMBLE	1	
42	929100000800	A	WINCH ASSY	1	2.5 T/86 mtr ROPE & ROPE TENSIONER
43	901101612160	A	BOLT HEX	4	M16x80, Gr - 8.8
44	901601600000	A	WASHER PLAIN	4	M16
45	901611600000	A	WASHER SPRING	4	M16
46	901221600000	A	NUT NYLOCK	4	M16
47	101621426100	A	ROPE WINCH	1	DIA13X95M (STEEL CORE) ANTI TWIST

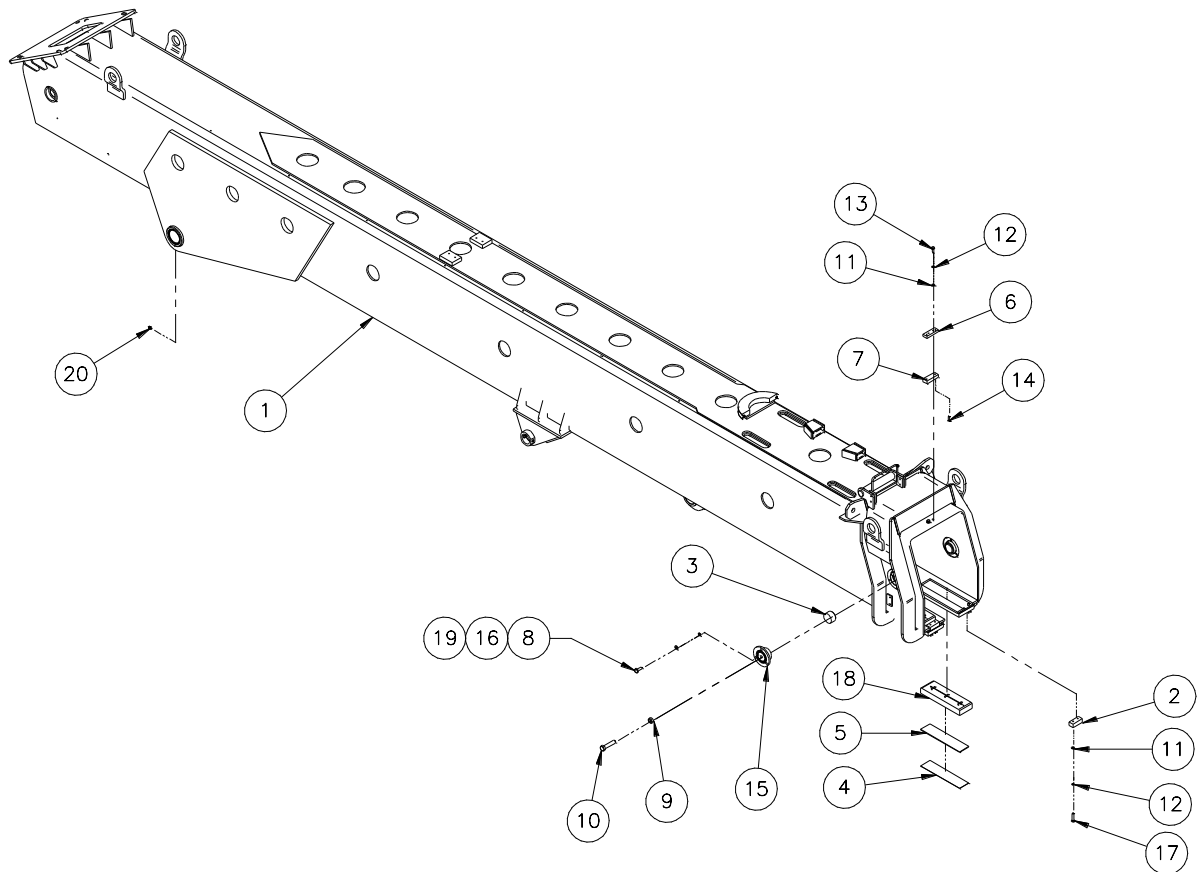
MAIN BOOM ASSEMBLY F150 BS4 74 & 101 HP EICHER



MAIN BOOM ASSEMBLY F150 BS4 74 & 101 HP EICHER

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101521340100	D	MAIN BOOM FAB -7 DEG.	1	
2	101121402100	D	RETAINER WEARPAD	2	
3	101122401200	A	WEARPAD	2	
4	101121401900	A	SHIM	2	SHIM 250x60x1THK
5	101121402000	A	SHIM	2	SHIM 250x60x3THK
6	101021403000	B	SPACER WEAR PAD	1	
7	101121404500	A	WEARPAD	1	
8	901501012060	A	SCREW HEX	6	M10x30, Gr - 8.8
9	901201600000	A	NUT HEX	2	M16
10	901501612140	A	SCREW HEX	2	M16x70, Gr - 8.8
11	901600800000	A	WASHER PLAIN	10	M8
12	901500812040	A	SCREW HEX	2	M8x20, Gr - 8.8
13	901560612050	A	COUNTERSUNK SCREW	2	M6x25, Gr - 8.8
14	101021401900	C	WEARPAD CARRIER	2	
15	901601000000	A	WASHER PLAIN	6	M10
16	901500812080	A	SCREW HEX	4	M8x40, Gr - 8.8
17	101121400900	A	COVER PLATE	1	
18	901100812040	A	BOLT HEX	4	M8x20, Gr - 8.8
19	101521454500	A	BOTTOM WEARPAD	2	
20	901301000000	A	NIPPLE GREASE	1	M10x1

MAIN BOOM ASSEMBLY F170 BS4 74 & 101 HP EICHER

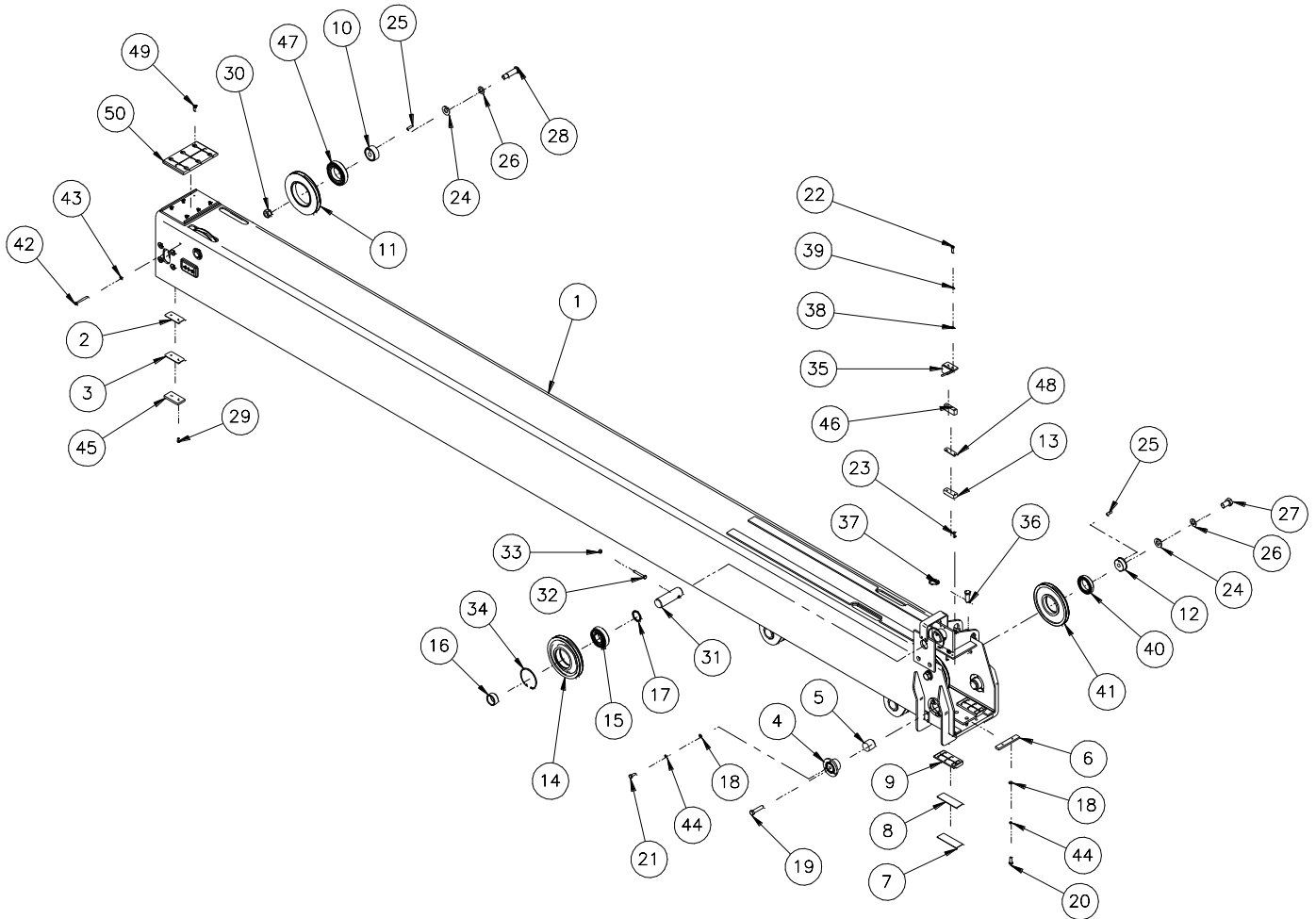


MAIN BOOM ASSEMBLY

F170 BS4 74 & 101 HP EICHER

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101721321100	A	MAIN BOOM FAB	1	
2	101121402100	D	RETAINER WEARPAD	2	
3	101122401200	B	WEARPAD	2	
4	101121401900	A	SHIM	2	SHIM 250x60x1THK
5	101121402000	A	SHIM	2	SHIM 250x60x3THK
6	101021403000	A	SPACER WEAR PAD	1	
7	101121404500	B	WEARPAD	1	
8	901501012060	A	SCREW HEX	6	M10x30, Gr - 8.8
9	901201600000	A	NUT HEX	2	M16
10	901501612140	A	SCREW HEX	2	M16x70, Gr - 8.8
11	901600800000	A	WASHER PLAIN	6	M8
12	901610800000	A	WASHER SPRING	6	M8
13	901500812040	A	SCREW HEX	2	M8x20, Gr - 8.8
14	901560612050	-	COUNTERSUNK SCREW	2	M6x25, Gr - 8.8
15	101021401900	A	WEARPAD CARRIER	2	
16	901601000000	A	WASHER PLAIN	6	M10
17	901500812080	A	SCREW HEX	4	M8x40, Gr - 8.8
18	101521454500	A	BOTTOM WEARPAD	2	
19	901611000000	A	WASHER SPRING	6	M10
20	901301000000	A	NIPPLE GREASE	1	M10x1

FIRST EXTENSION ASSEMBLY F150/F170 BS4 74 & 101 HP EICHER



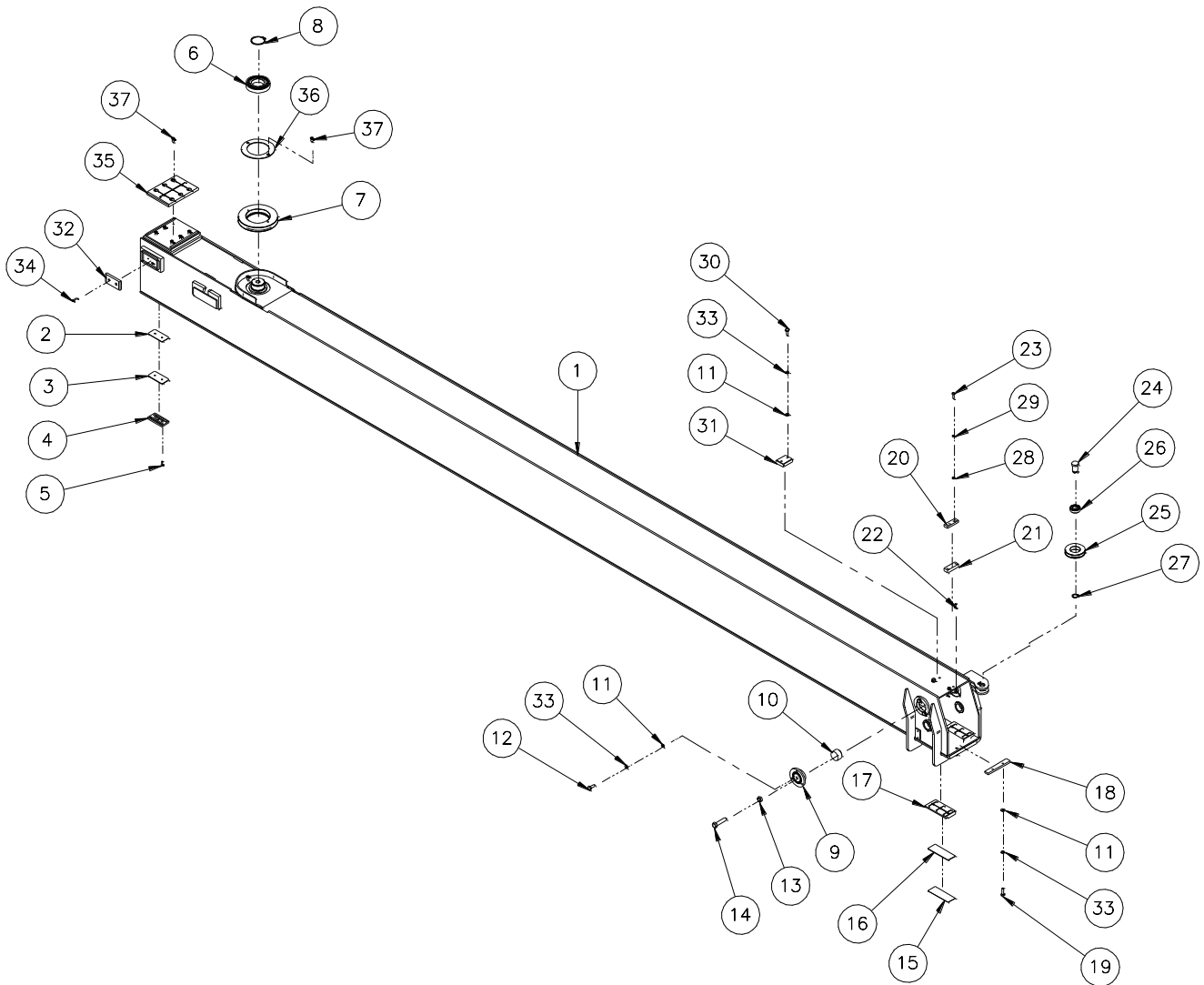
FIRST EXTENSION ASSEMBLY F150/F170 BS4 74 & 101 HP EICHER

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101522327800	A	FIRST EXTN FAB	1	
2	101122400800	A	SHIM	4	(100X50X1)
3	101122400900	A	SHIM	3	(100X50X3)
4	101022401300	C	WEARPAD CARRIER	2	
5	101222419900	A	WEAR PAD	2	
6	101521454800	A	RETAINER WEARPAD	1	
7	101122401600	A	SHIM	2	140X50X1
8	101122401700	A	SHIM	2	140X50X3
9	101521454700	A	BOTTOM WEAR PAD	2	
10	101122200700	A	ROPE BOSS SHEAVE	2	
11	101122200500	A	PULLEY	2	
12	101522428800	A	TAPPED BOSS	2	
13	101022402600	A	WEARPAD	1	
14	101022201600	A	TOP PULLEY	1	
15	933100001800	A	BALL BEARING	1	6310-2RS1
16	101126200200	A	SPACER 26	1	
17	101126200100	A	SPACER 5	1	
18	901601000000	A	WASHER PLAIN	8	M10
19	901501612140	A	SCREW HEX	2	M16x70, Gr - 8.8
20	901501012070	A	SCREW HEX	2	M10x35, Gr - 8.8
21	901501012060	A	SCREW HEX	6	M10x30, Gr - 8.8
22	901500812060	A	SCREW HEX	2	M8x30, Gr - 8.8
23	901560612060	A	COUNTERSUNK SCREW	2	M6x30, Gr - 8.8
24	101022201100	A	SPACER	4	
25	901521012070	A	SCREW GRUB	4	M10x35, Gr - 8.8
26	901612400000	A	WASHER SPRING	4	M24
27	901502412080	A	SCREW HEX	2	M24x40, Gr - 8.8
28	101622421300	A	PIN	2	
29	901560612040	A	COUNTERSUNK SCREW	8	M6x20, Gr - 8.8

FIRST EXTENSION ASSEMBLY F150/F170 BS4 74 & 101 HP EICHER

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
29	901560612040	A	COUNTERSUNK SCREW	8	M6x20, Gr - 8.8
30	901222200000	A	NUT NYLOCK	2	M22
31	101122200900	A	PIN	1	
32	901101012150	A	BOLT HEX	1	M10x75, Gr - 8.8
33	901221000000	A	NUT NYLOCK	1	M10
34	930110401000	A	INTERNAL CIRCLIP	2	DIA 110 x 4 N IS:3075
35	101222320100	A	ROPE RETAINER BKT	1	
36	101621220200	A	LOCKING PIN	1	
37	901660600000	A	LINCH PIN	1	
38	901600800000	A	WASHER PLAIN	2	M8
39	933100001200	A	BALL BEARING	2	6013
40	101522428700	A	PULLEY	2	
41	901100812160	A	BOLT HEX	2	M8x80, Gr - 8.8
42	101022401400	A	WEAR PAD	4	100X50X13
43	101022402500	C	SPACER WEAR PAD	1	
44	933100000500	-	GROVED BALL BEARING	2	6215-2RS1
45	101121402400	-	SHIM	1	SHIM 75x25x3THK
46	901560812060	A	COUNTERSUNK SCREW	6	M8x30, Gr - 8.8
47	101522434400	A	TOP NYLON PAD FE	1	

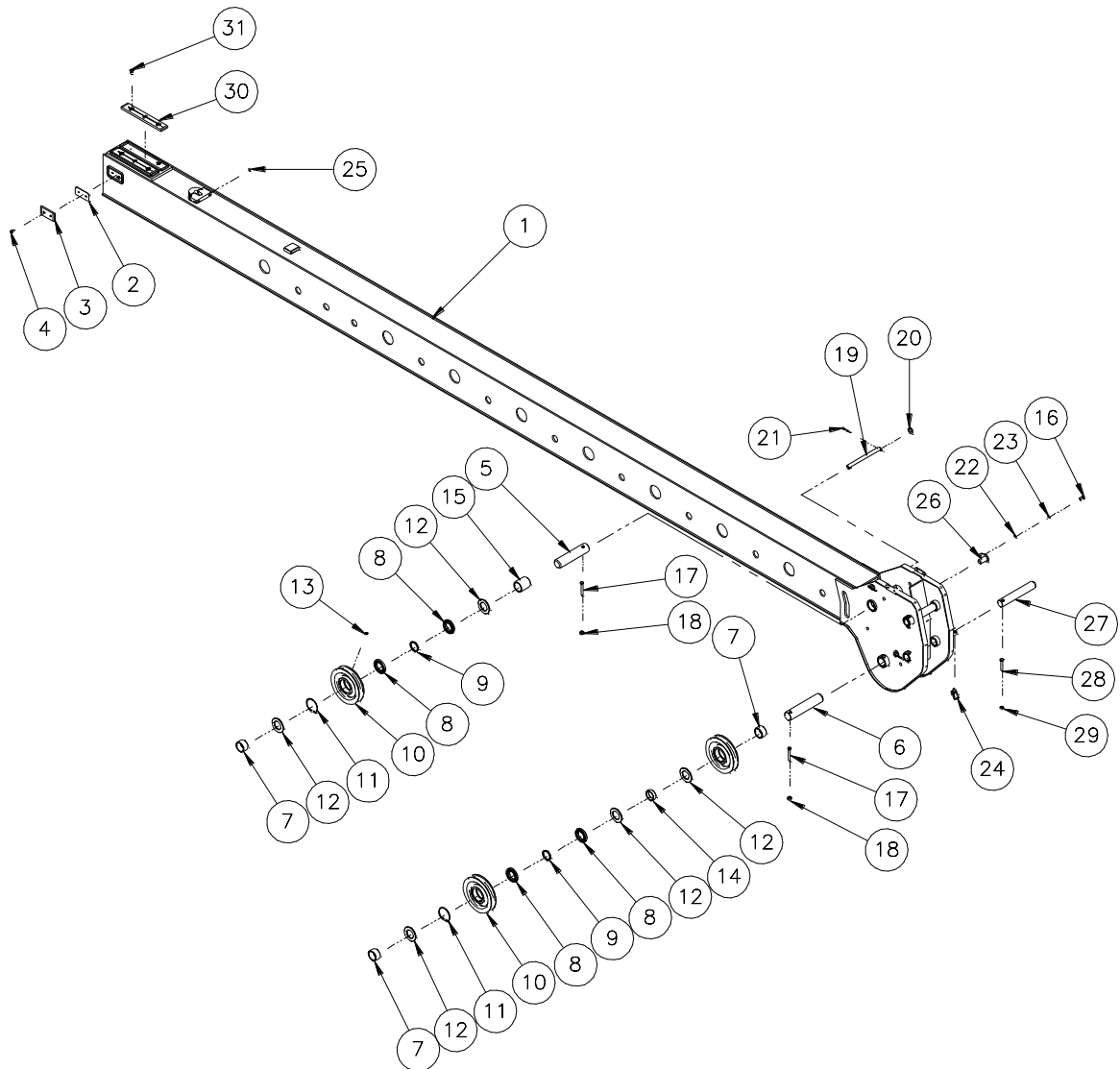
SECOND EXTENSION ASSEMBLY F150/F170 BS4 74 & 101 HP EICHER



SECOND EXTENSION ASSEMBLY F150/F170 BS4 74 & 101 HP EICHER

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101523326000	C	SECOND EXTN FAB	1	
2	101122400800	A	SHIM	2	(100X50X1)
3	101122400900	A	SHIM	2	(100X50X3)
4	101122401300	A	WEAR PAD	2	100X50X10
5	901560612040	A	COUNTERSUNK SCREW	4	M6x20, Gr - 8.8
6	933100008600	A	BALL BRG. 6213	1	
7	101523431700	A	PULLEY (6213 BRG).	1	
8	930652001000	A	CIRCLIP	1	DIA 65 x 2.5 N IS:3075 (PART-1)
9	101021401900	C	WEARPAD CARRIER	2	
10	101122401200	A	WEARPAD	2	
11	901601000000	A	WASHER PLAIN	10	M10
12	901501012060	A	SCREW HEX	6	M10x30, Gr - 8.8
13	901201600000	A	NUT HEX	2	M16
14	901501612140	A	SCREW HEX	2	M16x70, Gr - 8.8
15	101122401600	A	SHIM	2	140X50X1
16	101122401700	A	SHIM	2	140X50X3
17	101521454700	A	BOTTOM WEAR PAD	2	
18	101521454800	A	RETAINER WEARPAD	1	
19	901501012070	A	SCREW HEX	2	M10x35, Gr - 8.8
20	101021403000	B	SPACER WEAR PAD	1	
21	101121404500	A	WEARPAD	1	
22	901560612050	A	COUNTERSUNK SCREW	2	M6x25, Gr - 8.8
23	901500812050	A	SCREW HEX	2	M8x25, Gr - 8.8
24	101623220100	B	PIN	1	
25	101623220000	B	PULLEY	1	
26	933100004800	A	BALL BEARING	1	6205-2RSL
27	930252002000	A	EXTERNAL CIRCLIP	1	DIA30x2N IS:3075 (P-1)
28	901600800000	A	WASHER PLAIN	2	M8
29	901101012050	A	BOLT HEX	2	M10x25, Gr - 8.8
30	101523424100	A	WELD BLOCK S/E	1	
31	101122401300	B	WEAR PAD	2	100X50X10
32	901560612060	A	COUNTERSUNK SCREW	4	M6x30, Gr - 8.8
33	101523431400	A	TOP NYLON PAD SE	1	
34	101523431900	A	TOP PULLEY SUPPORT PLATE	1	
35	901561012050	A	-	8	M10x25, Gr - 8.8
36	901611000000	-	WASHER SPRING	10	M10
37	901610800000	A	WASHER SPRING	2	M8

MANUAL EXTENSION ASSEMBLY F150 BS4 74 & 101 HP EICHER

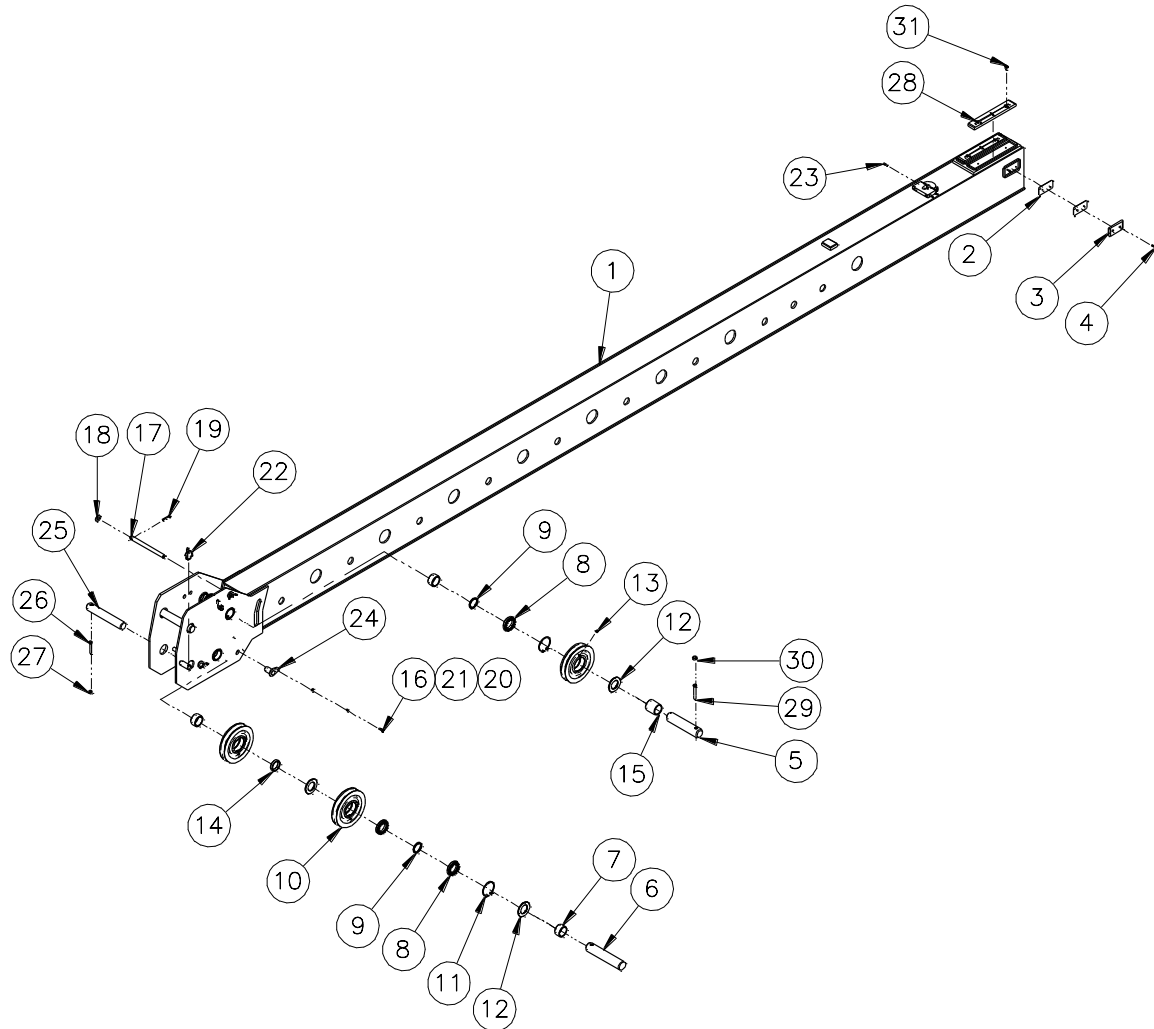


MANUAL EXTENSION ASSEMBLY

F150 BS4 74 & 101 HP EICHER

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101524325100	D	MANUAL EXTN FAB	1	
2	101122400800	A	SHIM	4	(100X50X1)
3	101122401300	B	WEAR PAD	2	100X50X10
4	901560612040	A	COUNTERSUNK SCREW	4	M6x20, Gr - 8.8
5	101624421300	A	PIN UPPER	1	
6	101624421400	A	PIN LOWER	1	
7	101624421500	A	SPACER	3	
8	933100001000	A	DEEP GROOVE BALL BEARING	6	16010
9	101126200100	B	SPACER 5	3	
10	101126200800	C	14XW	3	
11	930802501000	A	INTERNAL CIRCLIP	6	DIA 80 x 2.5 N IS:3075
12	101223423100	B	THRUST WASHER	6	REF NO: AMPBA0200
13	901300600000	A	NIPPLE GREASE	3	M6x1
14	101623422600	A	SPACER	1	
15	101223423200	A	SPACER UPPER	1	
16	901500812040	A	SCREW HEX	1	M8x20, Gr - 8.8
17	901101012150	A	BOLT HEX	2	M10x75, Gr - 8.8
18	901221000000	A	NUT NYLOCK	2	M10
19	101623420400	B	ROPE GAURD PIN	2	
20	901602000000	A	WASHER PLAIN	4	M20
21	901400400000	A	SPLIT PIN	4	SUITABLE FOR DIA 4 x 5 0 LG
22	901600800000	A	WASHER PLAIN	1	M8
23	901660600000	A	LINCH PIN	1	
24	901520812030	A	SCREW GRUB	4	M8x15 Gr - 8.8
25	101123201300	C	PIN	1	
26	101525220300	A	PIN	2	
27	901101012130	A	BOLT HEX	2	M10x65, Gr - 8.8
28	901201000000	A	NUT HEX	2	M10
29	101022401500	B	WEARPAD	2	
30	901560812040	A	-	4	M8x20, Gr - 8.8

MANUAL EXTENSION ASSEMBLY F170 BS4 74 & 101 HP EICHER

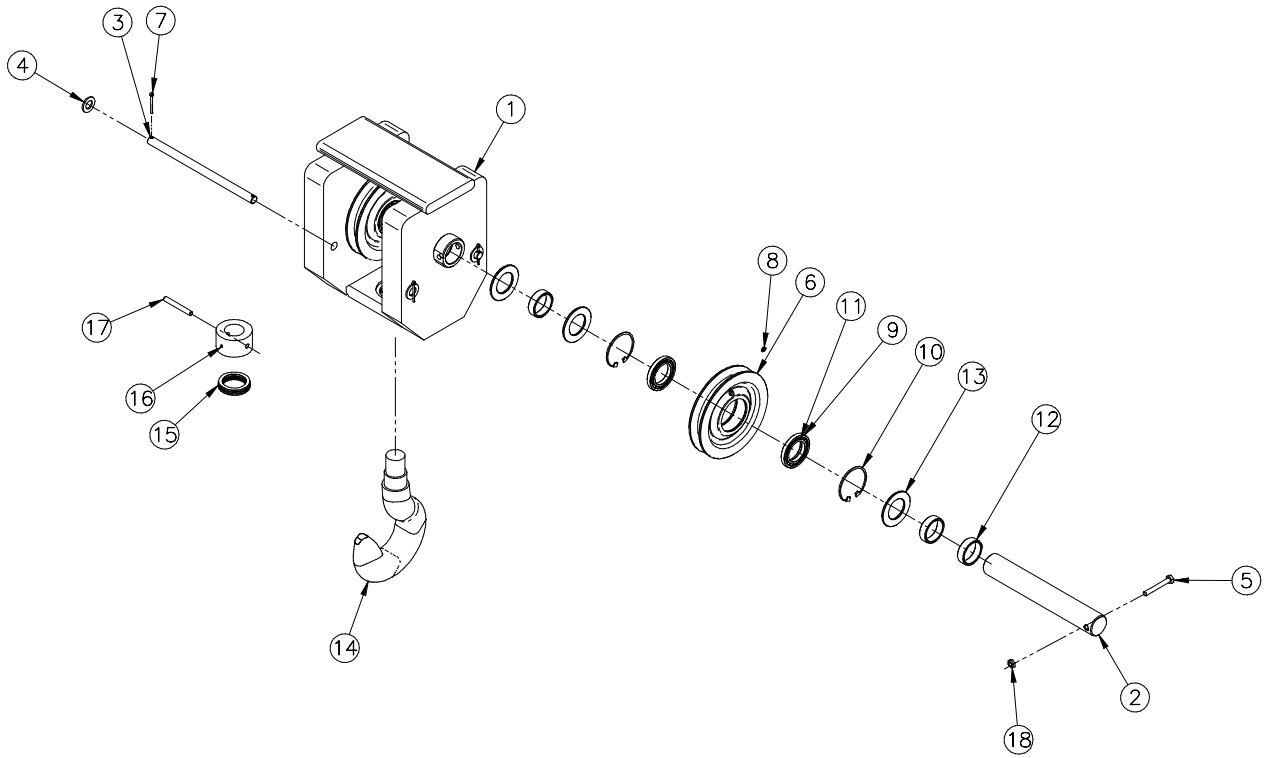


MANUAL EXTENSION ASSEMBLY

F170 BS4 74 & 101 HP EICHER

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101524324200	G	MANUAL EXTN FAB	1	
2	101122400800	A	SHIM	4	(100X50X1)
3	101122401300	B	WEAR PAD	2	100X50X10
4	901560611040	A	COUNTERSUNK SCREW	4	M6x20, Gr - 8.8
5	101624421300	A	PIN UPPER	1	
6	101624421400	A	PIN LOWER	1	
7	101624421500	A	SPACER	3	
8	933100001000	A	DEEP GROOVE BALL BEARING	6	16010
9	101126200100	B	SPACER 5	3	
10	101126200800	C	14XW	3	
11	930802501000	A	INTERNAL CIRCLIP	6	DIA 80 x 2.5 N IS:3075
12	101223423100	B	THRUST WASHER	6	REF NO: AMPBA0200
13	930130060000	A	GREASE NIPPLE 6 MM (SURLOCK)	3	M6x1
14	101123201700	A	SPACER	1	
15	101023201800	A	SPACER UPPER-64MM	1	
16	901500812040	A	SCREW HEX	1	M8x20, Gr - 8.8
17	101623420400	B	ROPE GAURD PIN	2	
18	901602000000	A	WASHER PLAIN	4	M20
19	901400400000	A	SPLIT PIN	4	SUITABLE FOR DIA 4 x 5 0 LG
20	901600800000	A	WASHER PLAIN	1	M8
21	901610800000	A	WASHER SPRING	1	M8
22	901660600000	A	LINCH PIN	1	
23	901520812040	A	GRUB SCREW_8x20	4	
24	101123201300	C	PIN	1	
25	101525220300	A	PIN	2	
26	901101012130	A	BOLT HEX	2	M10x65, Gr - 8.8
27	901201000000	A	NUT HEX	2	M10
28	101022401500	B	WEARPAD	2	
29	901101012160	-	BOLT HEX	2	M10x80, Gr - 8.8
30	901221000000	A	NUT NYLOCK	2	M10
31	901560812040	A	-	4	M8x20, Gr - 8.8

SNATCH BLOCK ASSEMBLY-4F

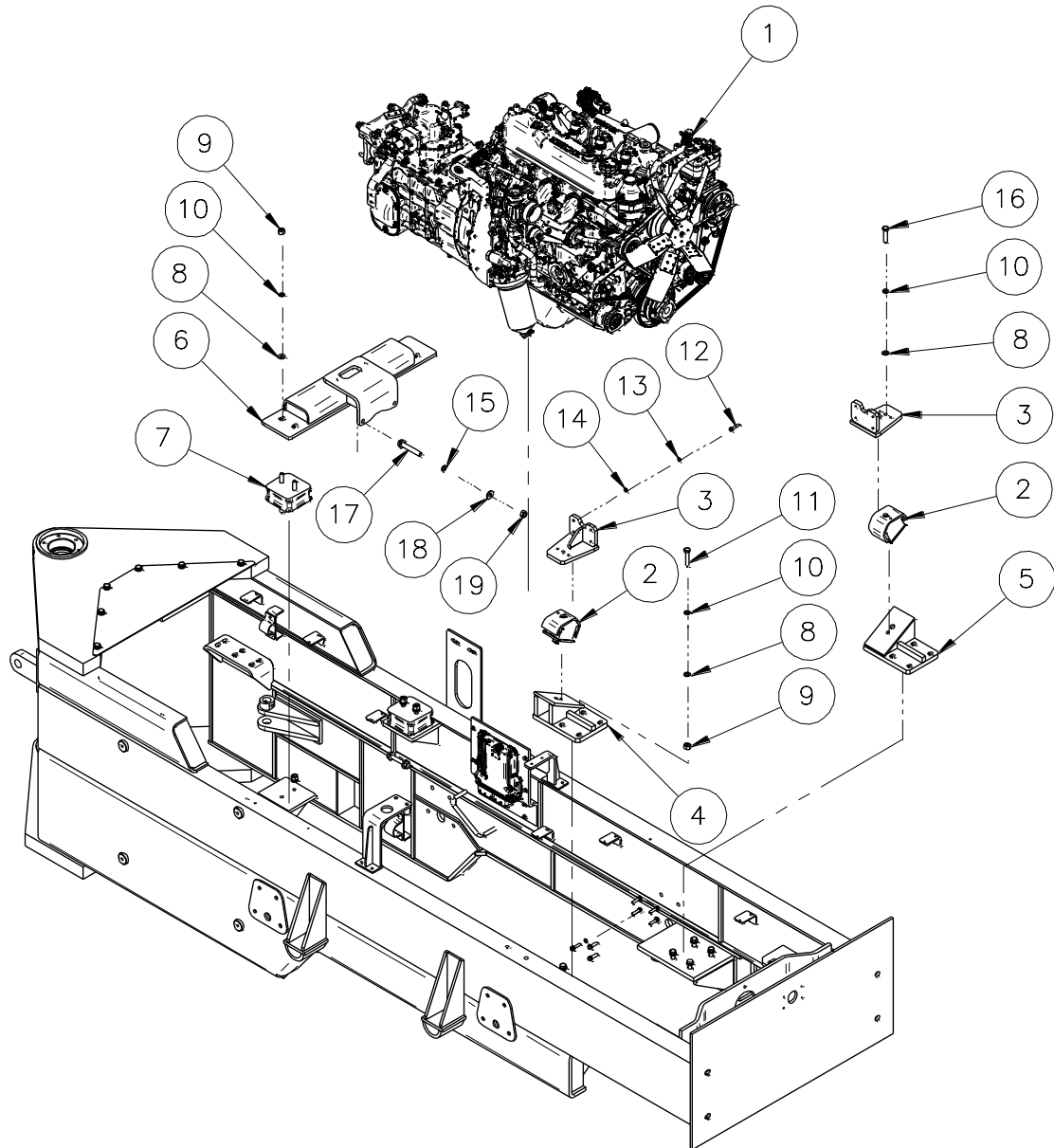


SNATCH BLOCK ASSEMBLY -4F

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	101521332300	C	SNATCH BLOCK FAB-4F	1	
2	101226420100	B	PIN	1	
3	101226420200	A	ROPE GAURD PIN	2	
4	901602000000	A	WASHER PLAIN	4	M20
5	901101012150	A	BOLT HEX	1	M10x75, Gr - 8.8
6	101126200800	B	PULLEY	2	EXISTING
7	901400400000	A	SPLIT PIN	4	DIA 4 x 50L
8	901300600000	A	NIPPLE GREASE	3	M6x1
9	933100001000	A	DEEP GROOVE BALL BEARING	4	16010
10	930802501000	A	INTERNAL CIRCLIP	4	DIA 80 x 2.5 N IS:3075
11	101126200100	B	SPACER 5	2	
12	101223423300	A	SPACER	5	
13	101223423100	C	THRUST WASHER	4	REF NO: AMPBA0200
14	101526419900	A	HOOK 8 T	1	REF. NO - APBA12-011
15	933500001100	A	THRUST BALL BRG.(51110)	1	
16	101226422400	A	HOOK NUT	1	
17	101226422600	A	SPRING DOWEL PIN	1	
18	901201000000	A	NUT HEX	1	M10

ENGINE INSTALLATION

F150/F170 BS4 EICHER 74 HP

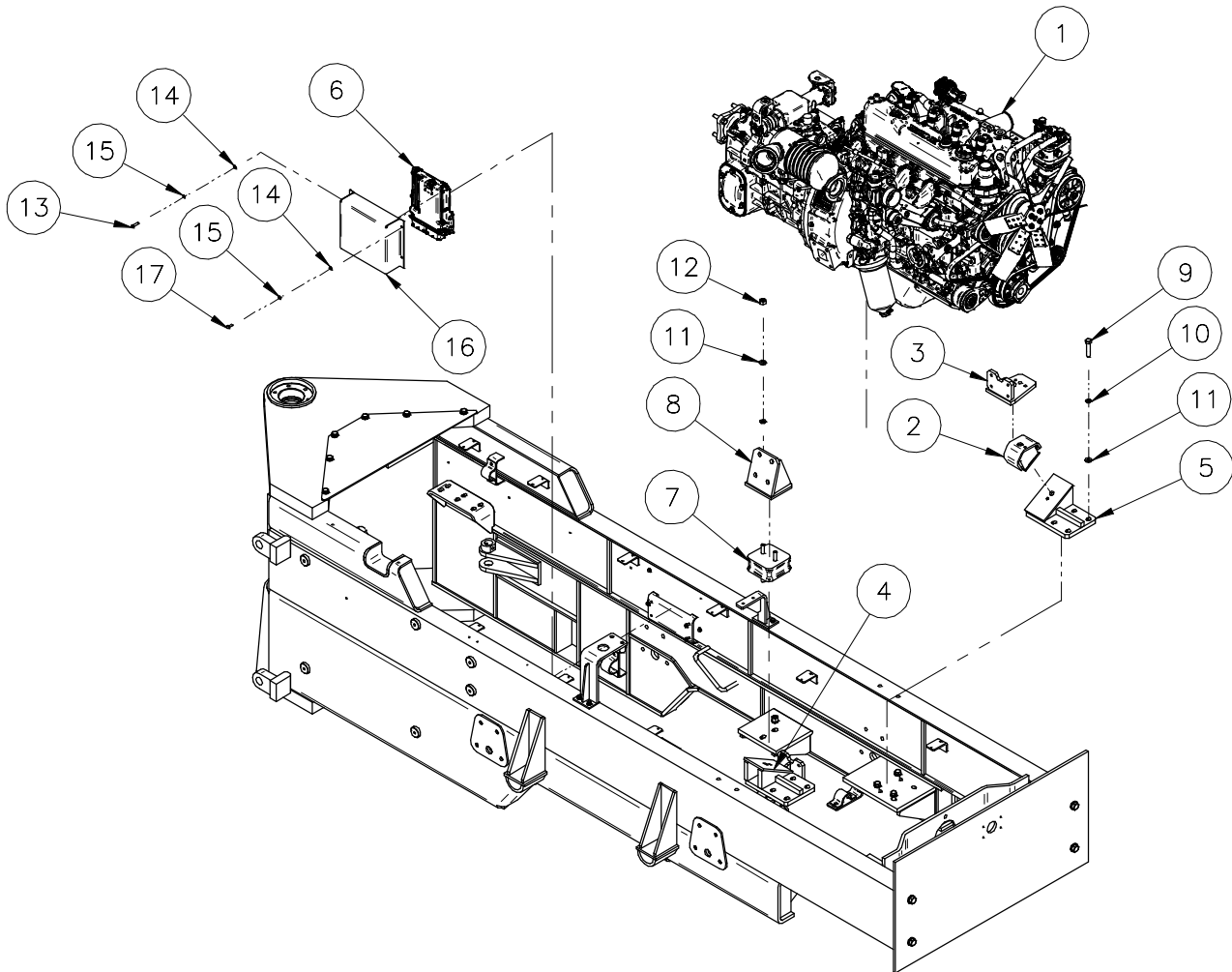


ENGINE INSTALLATION F150/F170 BS4 EICHER 74 HP

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	931590000100	A	ENGINE-E414CDLK3297353	1	
2	940000003800	A	RUBBER MOUNT FRT-LH(264124100110)	2	
3	101514368400	B	FRONT ENGINE MTG BKT	2	
4	102314325300	A	ENGINE MTG BKT FAB RH	1	
5	102314325200	A	ENGINE MTG BKT FAB LH	1	
6	101583324000	B	MTG. BKT.	1	
7	940000006400	A	SHOCK MOUNTING PAD	2	
8	901601200000	A	WASHER PLAIN	26	M12
9	901221200000	A	NUT NYLOCK	16	M12
10	901611200000	A	WASHER SPRING	18	M12
11	901101212120	A	BOLT HEX	8	M12x60, Gr - 8.8
12	901100812070	A	BOLT HEX	8	M8x35, Gr - 8.8
13	901610800000	A	WASHER SPRING	8	M8
14	901600800000	A	WASHER PLAIN	8	M8
15	901611400000	A	WASHER SPRING	2	M14
16	901101212100	A	BOLT HEX	2	M12x50, Gr - 8.8
17	901101411180	A	BOLT HEX	2	M14X90 GR 8.8
18	901601400000	-	WASHER PLAIN	4	M14
19	901201420000	A	NUT HEX	2	M14

ENGINE INSTALLATION

F150/F170 BS4 EICHER 101 HP

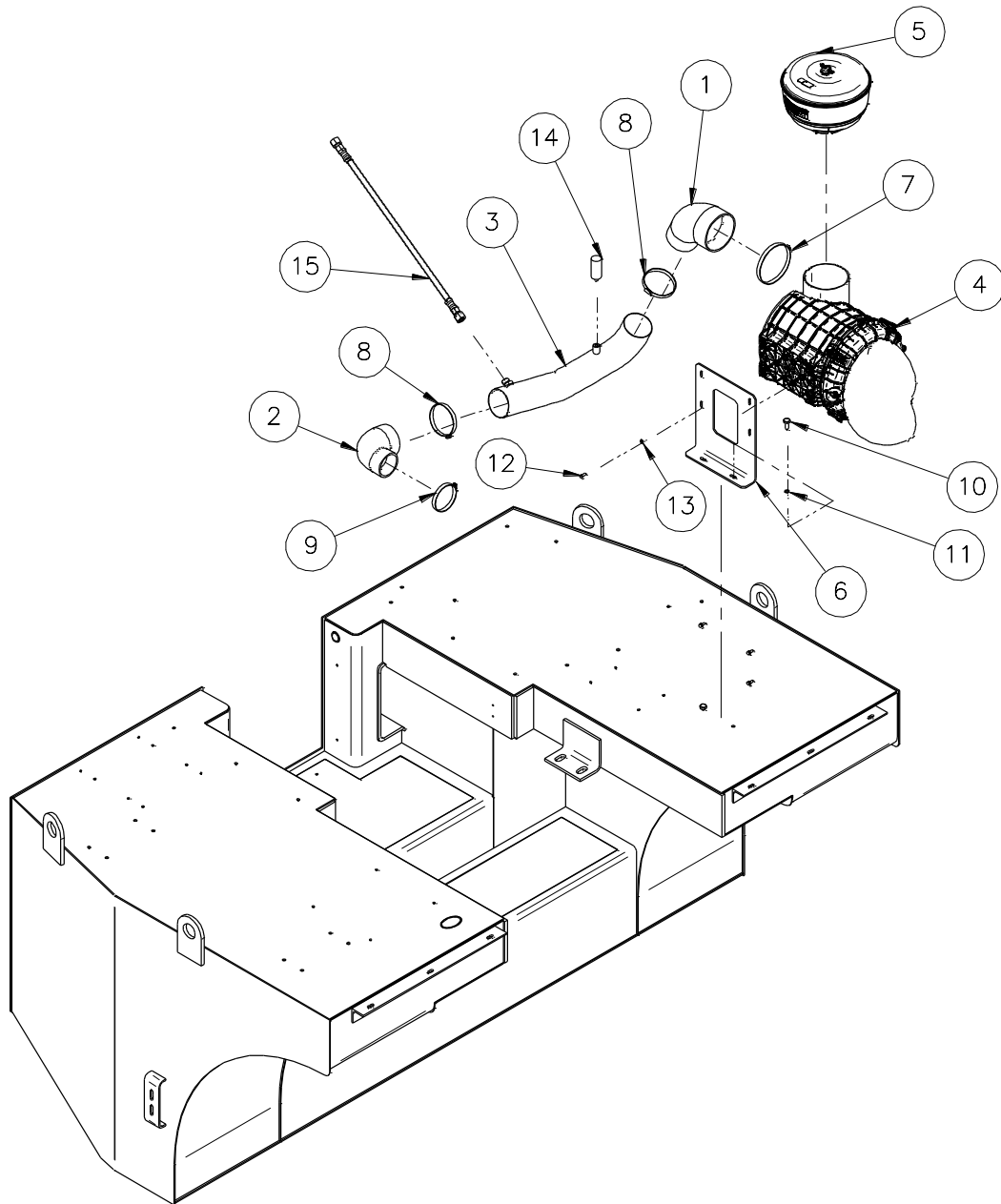


ENGINE INSTALLATION

F150/F170 BS4 EICHER 101 HP

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	931590000200	A	EICHER ENGINE 101 HP	1	
2	940000003800	A	RUBBER MOUNT FRT-LH(264124100110)	2	
3	101514368400	B	FRONT ENGINE MTG BKT	2	
4	102314325300	A	ENGINE MTG BKT FAB RH	1	
5	102314325200	A	ENGINE MTG BKT FAB LH	1	
6	931590007500	A	ECU FOR EICHER	1	
7	940000006400	A	SHOCK MOUNTING PAD	2	
8	101531320300	A	REAR ENGINE MTG BKT	2	
9	901101212120	A	BOLT HEX	8	M12x60, Gr - 8.8
10	901611200000	A	WASHER SPRING	16	M12
11	901601200000	A	WASHER PLAIN	16	M12
12	901221200000	A	NUT NYLOCK	16	M12
13	901500612050	A	SCREW HEX	4	M6x25, Gr - 8.8
14	901600600000	A	WASHER PLAIN	8	M6
15	901610600000	A	WASHER SPRING	8	M6
16	101575520400	A	ECU COVER	1	
17	901500612030	A	SCREW HEX M6x16	4	M6x16, Gr - 8.8

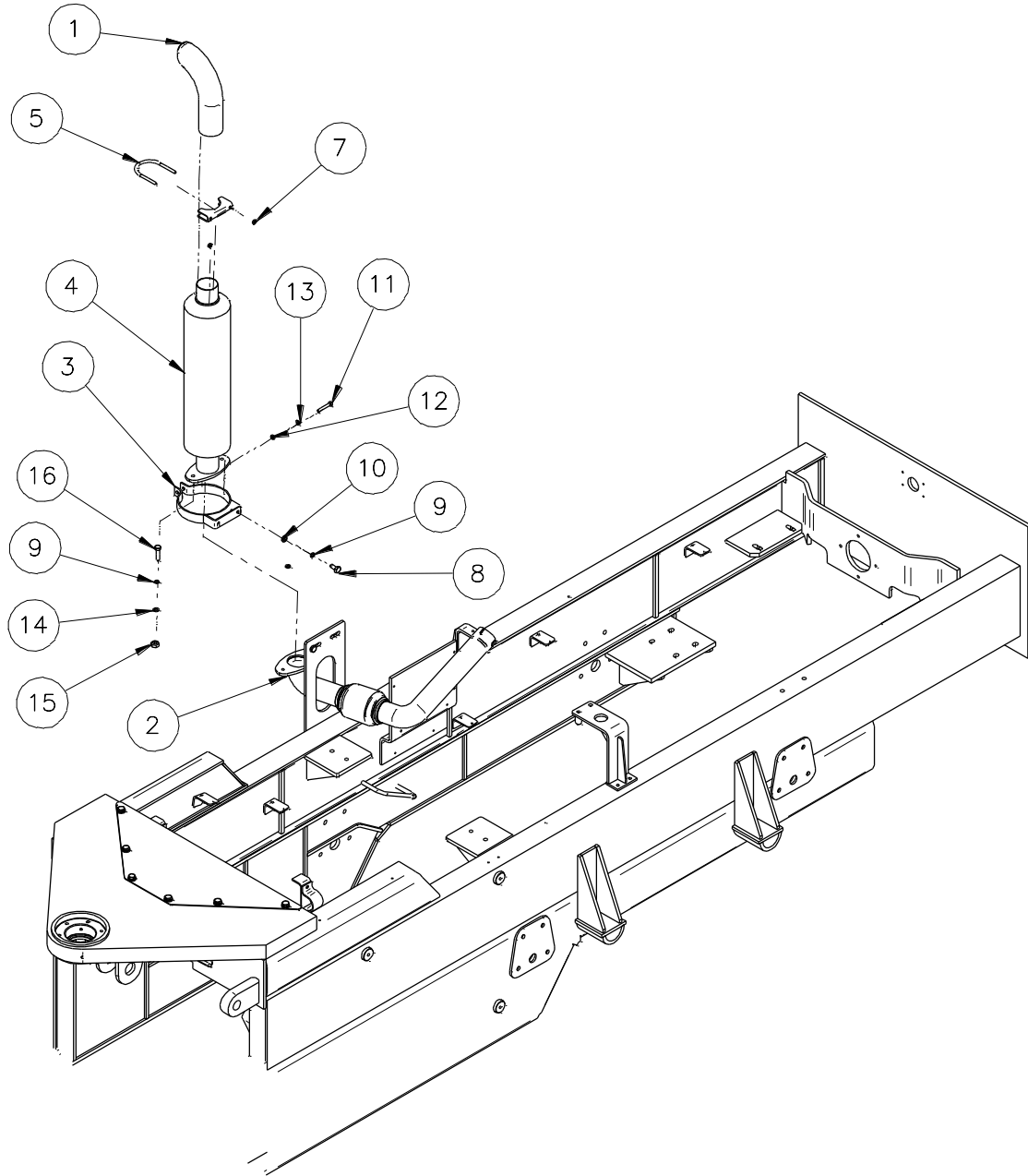
AIR INTAKE SYSTEM



AIR INTAKE SYSTEM

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101832420800	A	AIR INTAKE HOSE	1	
2	101832420900	A	AIR INTAKE HOSE	1	
3	101832319900	C	AIR INTAKE PIPE FAB	1	
4	931590000800	A	AIR CLEANER	1	
5	931590000300	A	AIR PRE CLEANER	1	
6	101532432600	B	AIR CLEANER MTG BKT	1	
7	955401101300	A	WORM DRIVE CLAMP	1	SIZE TYPE 130A
8	955400801000	A	WORM DRIVE CLAMP	2	SIZE TYPE 100A
9	955400700900	A	WORM DRIVE CLAMP	1	SIZE TYPE-90A
10	901501012050	A	SCREW HEX	2	M10x25, Gr - 8.8
11	901611000000	A	WASHER SPRING M10	2	M10
12	901500612030	A	SCREW HEX M6x16	4	M6x16, Gr - 8.8
13	901600600000	A	WASHER PLAIN	4	M6
14	955200000600	A	SERVICE INDICATOR	1	
15	101885420300	A	COMPRESSOR PIPE	1	

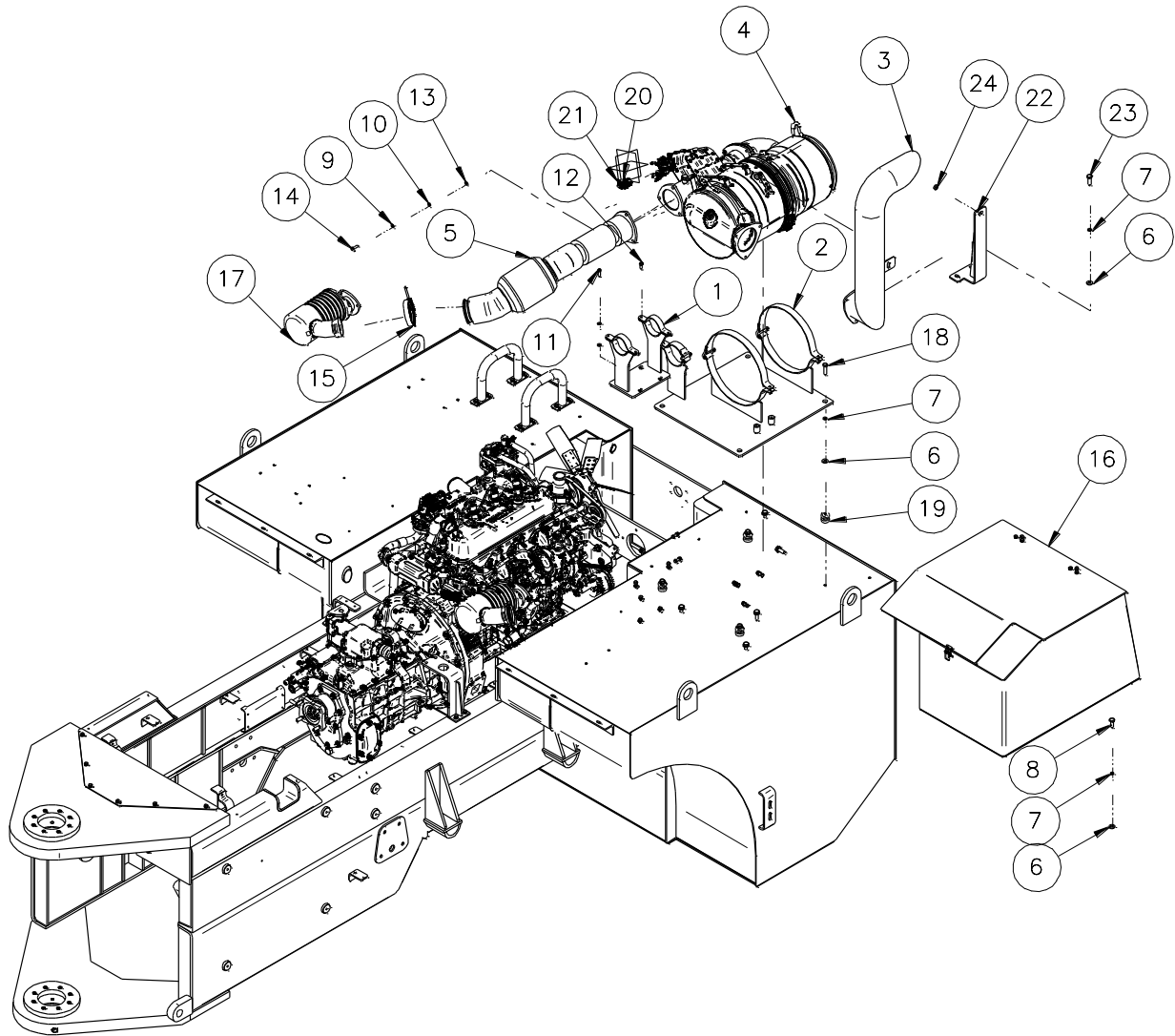
EXHAUST SYSTEM F150/F170 BS4 EICHER 74 HP



EXHAUST SYSTEM F150/F170 BS4 EICHER 74 HP

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101533425300	B	BEND PIPE	1	
2	101533322400	A	EXHAUST PIPE FAB_FLANGE TYPE	1	
3	101733325700	A	CLAMP FAB	1	
4	955200003800	A	EXHAUST SILENCER	1	
5	101233421000	A	ROD	1	
6	101233421400	A	CLAMPING PLATE	1	
7	901200800000	A	NUT HEX	2	M8
8	901501012050	A	SCREW HEX	6	M10x25, Gr - 8.8
9	901611000000	A	WASHER SPRING M10	9	M10
10	901201000000	A	NUT HEX, M10	2	
11	901100812100	A	BOLT HEX	1	M8x50, Gr - 8.8
12	901200800000	A	NUT HEX M8	1	
13	901610800000	A	WASHER SPRING	1	M8
14	901601000000	A	WASHER PLAIN M10	8	M10
15	901221000000	A	NUT NYLOCK	2	M10
16	901101012080	A	BOLT HEX	2	M10x40, Gr - 8.8

EXHAUST SYSTEM F150/F170 BS4 EICHER 101 HP

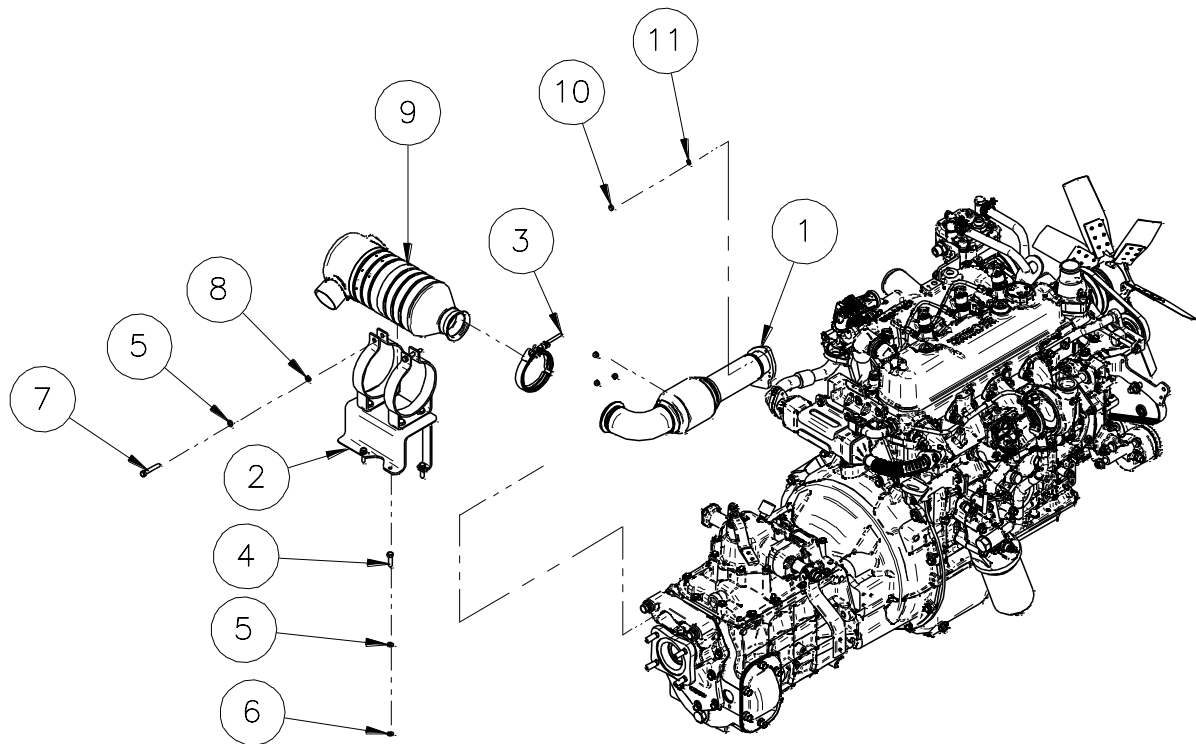


EXHAUST SYSTEM

F150/F170 BS4 EICHER 101 HP

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	102033120500	A	ATS PIPE HOLDING BKT SUB ASSY	1	
2	101833120600	B	ATS MTG BKT ASM	1	
3	101833322500	D	TAIL PIPE FAB	1	
4	931590005600	A	ATS 101 HP EICHER	1	
5	102033120400	A	ATS PIPE SUB ASSY	1	
6	901601200000	A	WASHER PLAIN	11	M12
7	901611000000	A	WASHER SPRING M10	11	M10
8	901501012060	A	SCREW HEX	4	M10x30, Gr - 8.8
9	901600800000	A	WASHER PLAIN	15	M8 EXISTING
10	901610800000	A	WASHER SPRING	15	M8
11	901500812050	A	SCREW HEX	4	M8x25, Gr - 8.8
12	901500812040	A	SCREW HEX M8x20	4	M8x20, Gr - 8.8
13	901200800000	A	NUT HEX M8	11	
14	901100812070	A	BOLT HEX	6	M8x35, Gr - 8.8
15	931590000710	A	V-BEND CLAMP- ID312534- EICHER	1	
16	101733125400	A	ATS COVER ASSY	1	F170 101 HP EICHER
17	931590003400	A	DOC 101 HP EICHER	1	
18	901501012080	A	SCREW HEX	4	M10x40, Gr - 8.8
19	940000006300	A	RADIATOR MTG. PAD	4	
20	101833421300	C	ATS WATER LINE OUT	1	
21	101833421200	C	ATS WATER LINE IN	1	
22	102133320200	A	TAIL PIPE HOLDING BKT	1	
23	901501012070	-	SCREW HEX	3	M10x35, Gr - 8.8
24	901201000000	A	NUT HEX, M10	1	

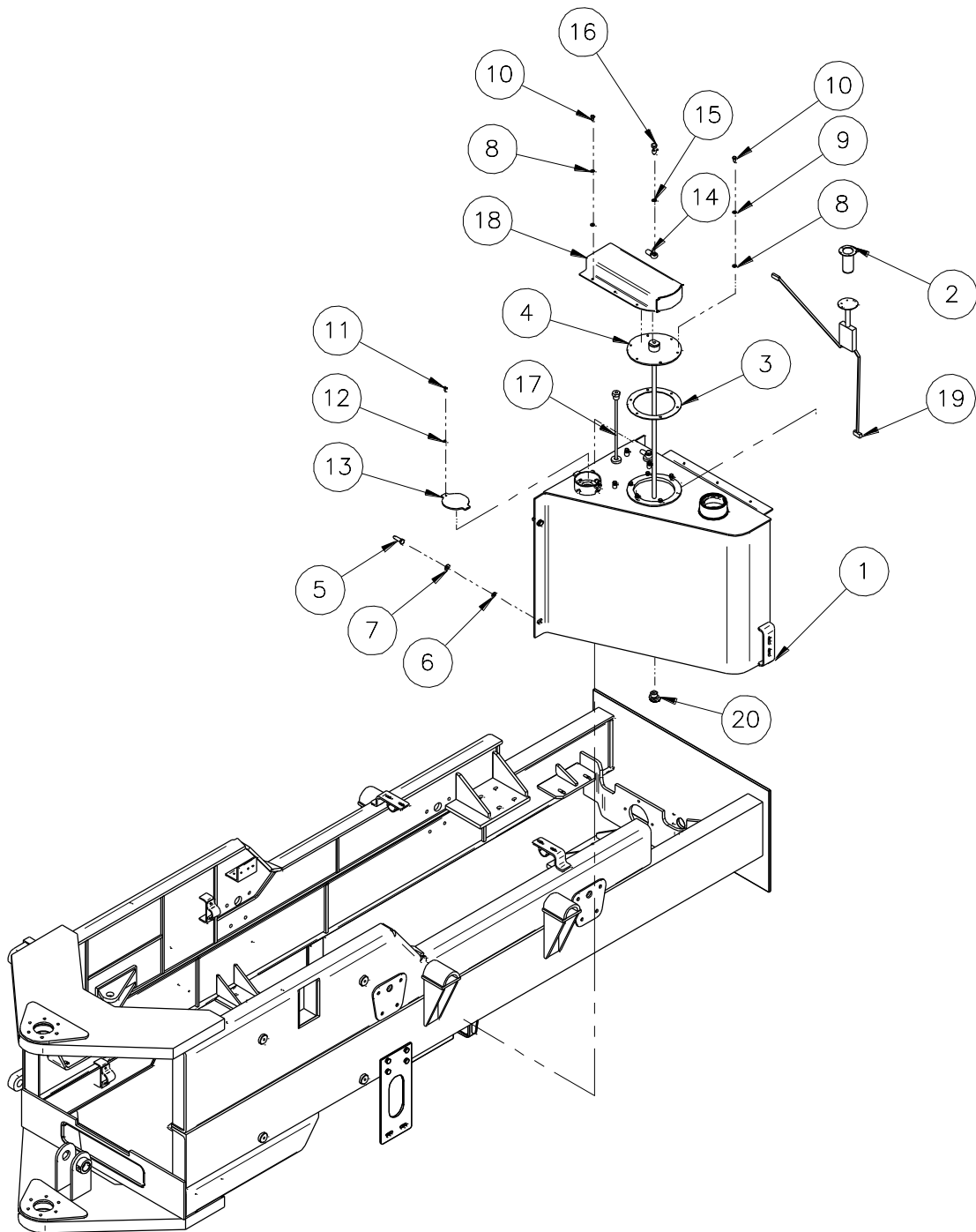
DOC ASSY F150/F170 BS4 EICHER 74 HP



DOC ASSY F150/F170 BS4 EICHER 74 HP

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101533322300	B	EXHAUST PIPE FAB	1	
2	101533122500	C	DOC MTG BKT ASSY	1	
3	931590000700	A	DOC CLAMP	1	
4	901500812060	A	SCREW HEX	4	M8x30, Gr - 8.8
5	901610800000	A	WASHER SPRING	6	M8
6	901600800000	A	WASHER PLAIN	4	M8
7	901100812100	A	BOLT HEX	2	M8x50, Gr - 8.8
8	901200800000	A	NUT HEX M8	2	
9	931590018700		DOC	1	
10	901200600000	A	HEX NUT M6	4	M6
11	901600600000	A	WASHER PLAIN	4	M6

FUEL TANK

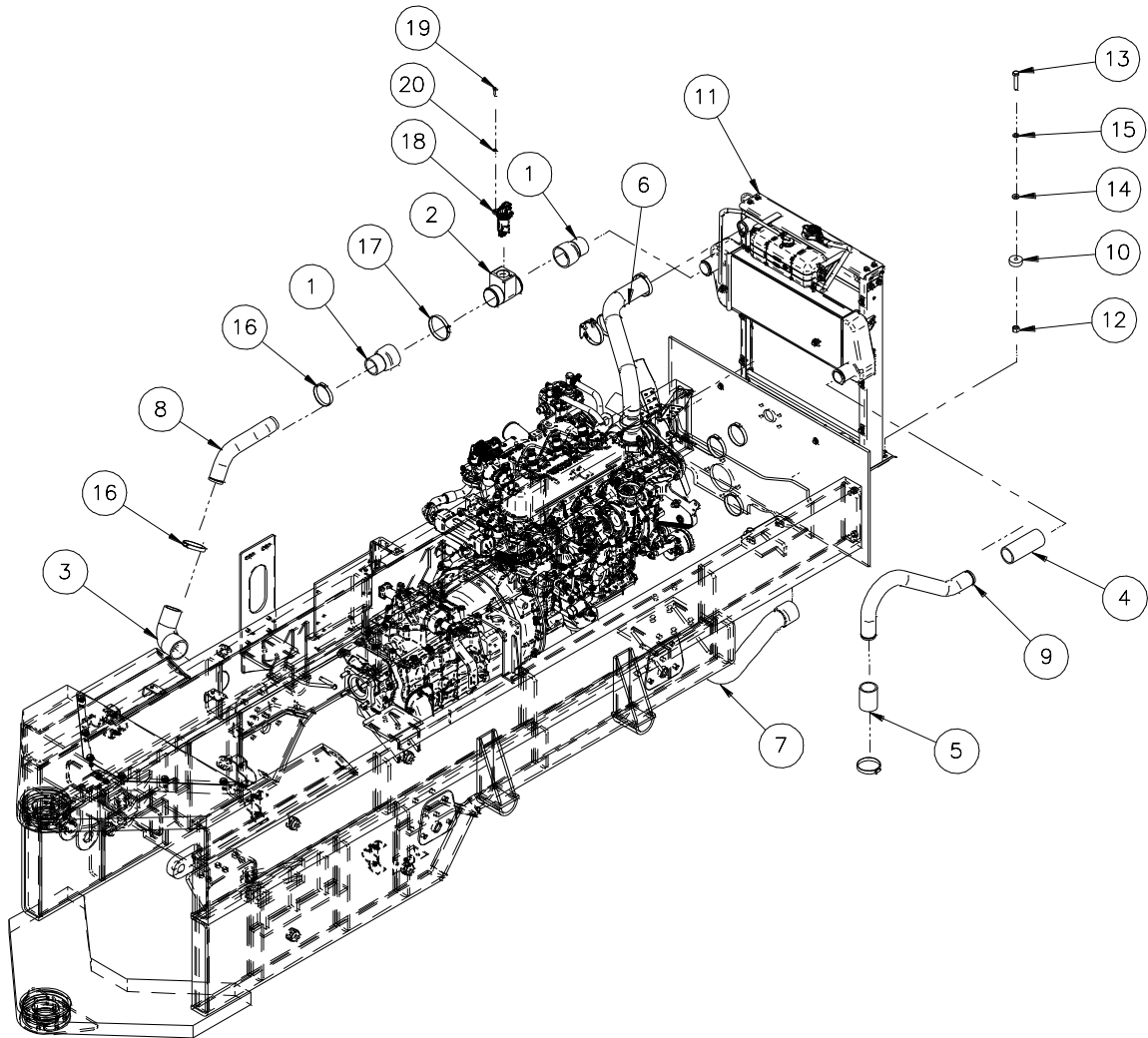


FUEL TANK

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101546121400	C	DIESEL TANK SUB ASSY	1	
2	101834521200	A	STRAINER	1	
3	101546463100	A	TANK COVER GASKET	1	
4	101546322700	A	FUEL SUCTION COVER ASSY	1	
5	901501212080	A	SCREW HEX	4	M12x40, Gr - 8.8
6	901611200000	A	WASHER SPRING	4	M12
7	901601200000	A	WASHER PLAIN	4	M12
8	901600800000	A	WASHER PLAIN	10	M8
9	901610800000	A	WASHER SPRING	10	M8
10	901500812030	A	SCREW HEX	10	M8x15, Gr - 8.8
11	901500512030	A	SCREW HEX M5x16	2	M5x16, Gr - 8.8
12	901610500000	A	WASHER SPRING	2	M5
13	101534422000	A	COVER PLATE	1	
14	101834421100	A	BANJO 14X1.5	2	
15	901681418000	A	COPPER WASHER	3	14x18x1.5
16	901131430000	A	BOLT BENJO	2	M14x1.5
17	101834320400	A	RETURN PIPE FAB	1	
18	101534322400	A	FUEL HOSE COVER FAB	1	
19	101434421100	A	FUEL FLOAT	1	
20	300135401000	A	MAGNETIC PLUG	1	3/4" BSP

COOLING SYSTEM

F150/F170-BS4 74 HP EICHER



COOLING SYSTEM F150/F170-BS4 74 HP EICHER

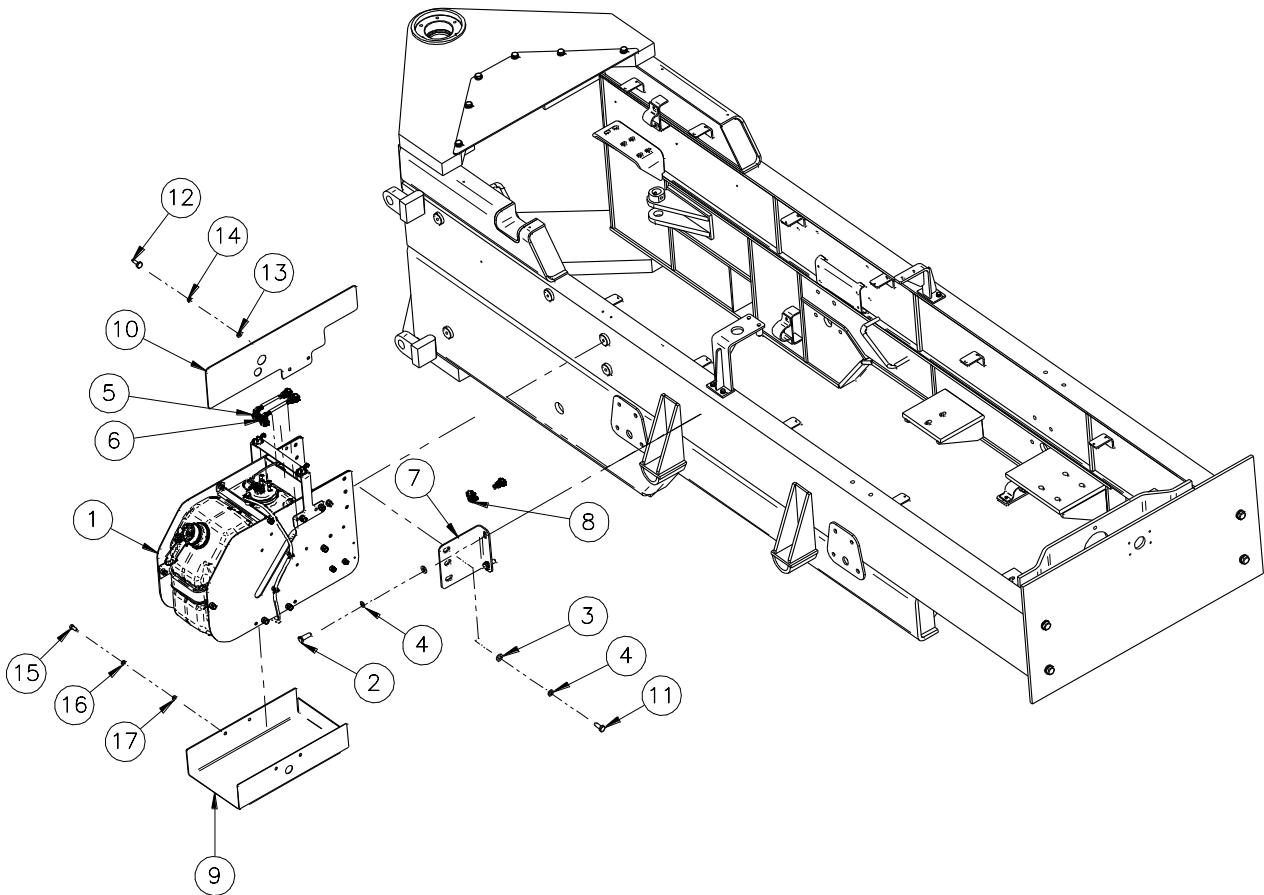
S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101535425000	A	REDUCER	2	
2	931590000600	A	PFM SENSOR MTG. BKT	1	
3	101535425100	A	CAC HOSE INLET	1	
4	101435420700	C	CAC HOSE	1	
5	101535424900	A	CAC HOSE	1	
6	101535425500	C	RADIATOR TOP HOSE	1	
7	101535425600	C	RADIATOR BOTTOM HOSE	1	
8	101535425700	B	CAC PIPE RH	1	
9	101535425800	C	CAC PIPE LH	1	
10	101035401900	A	RUBBER PAD	4	
11	955300013800	A	RADIATOR ASSY	1	
12	901221200000	A	NUT NYLOCK	4	M12
13	901101212120	A	BOLT HEX	4	M12x60, Gr - 8.8
14	901601200000	A	WASHER PLAIN	8	M12
15	901611200000	A	WASHER SPRING	4	M12
16	955400550750	A	HOSE CLAMP	11	SIZE TYPE: 70A, 2-1/4"
17	955400700900	A	WORM DRIVE CLAMP	3	SIZE TYPE-90A
18	931590000500	A	PFM SENSOR	1	
19	901500612050	A	SCREW HEX	2	M6x25, Gr - 8.8
20	901600600000	A	WASHER PLAIN	2	M6

COOLING SYSTEM

F150/F170-BS4 101 HP EICHER

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	901600600000	A	WASHER PLAIN	2	M6
2	901500612050	A	SCREW HEX	2	M6x25, Gr - 8.8
3	101835421600	A	CAC INLET PIPE RH	1	
4	955300005000	A	CHARGE AIR COOLER	1	76 HP,BANCO
5	101435120200	A	RADIATOR TATA	1	STANDARD RADIATOR
6	101835422000	B	COWLING 101 BS4 EICHER	1	101 BS4 EICHER
7	101535423900	C	CAC MTG BKT LH	1	
8	101535321000	C	CAC MTG BKT FAB RH	1	
9	101435420700	C	CAC HOSE	1	
10	955400550750	A	HOSE CLAMP	11	SIZE TYPE: 70A, 2-1/4"
11	101835421700	B	CAC PIPE	1	
12	101835421900	B	RADIATOR TOP HOSE	1	
13	996100013470	A	HOSE CLAMP	1	SIZE TYPE: 2"
14	101535424900	A	CAC HOSE	1	
15	101835420600	A	BOTTOM HOSE	1	
16	101835420800	A	CONNECTING PIPE	1	
17	101835421800	A	RADIATOR BOTTOM HOSE	1	
18	101535425000	A	REDUCER	2	
19	931590000600	A	PFM SENSOR MTG. BKT	1	
20	931590000500	A	PFM SENSOR	1	
21	101535425100	A	CAC HOSE INLET	1	
22	101535423700	C	RADIATOR MTG PLATE	2	
23	940000003300	A	ENGINE MTG PAD	2	
24	901101212160	A	BOLT HEX	2	M12x80, Gr - 8.8
25	901601200000	A	WASHER PLAIN	2	M12
26	901221200000	A	NUT NYLOCK	2	M12
27	101221206400	A	SPACER	4	70X40.5X5
28	955400700900	A	WORM DRIVE CLAMP	3	SIZE TYPE-90A

UREA TANK F150/F170-BS4 101 HP EICHER

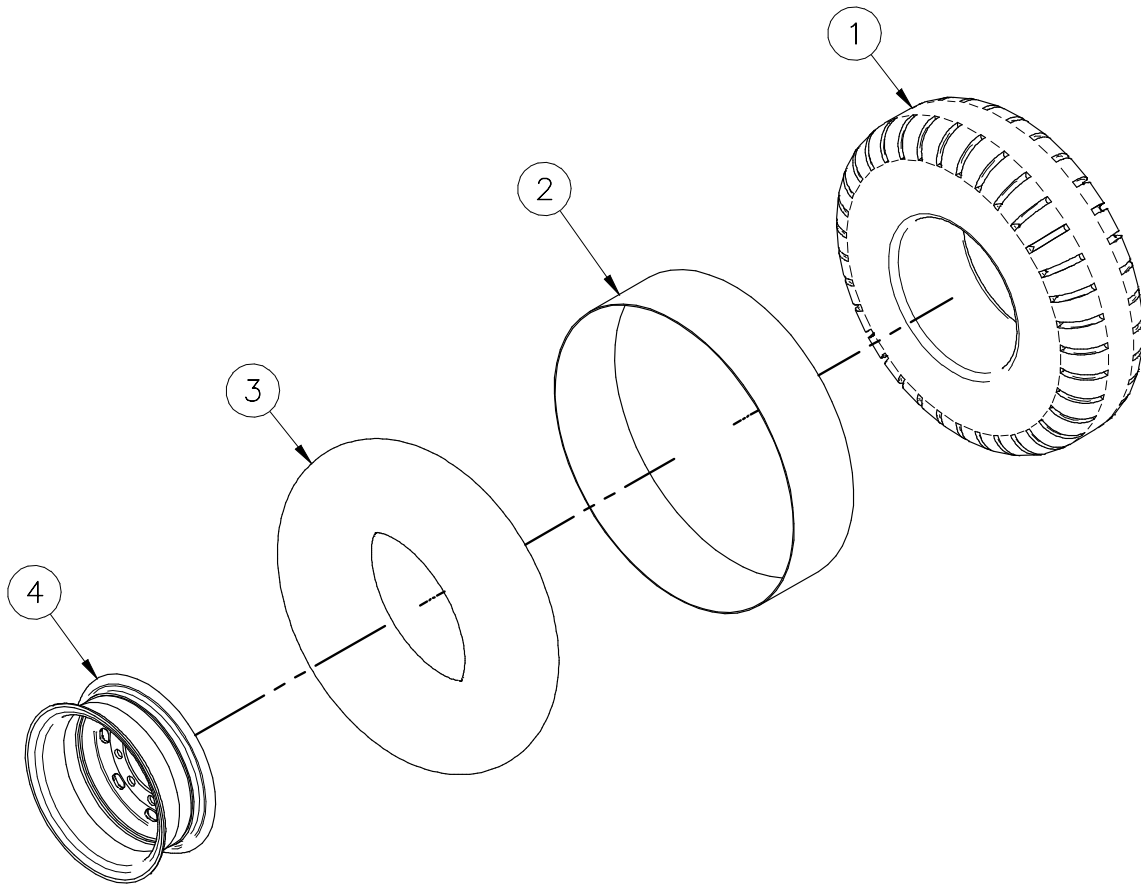


UREA TANK

F150/F170-BS4 101 HP EICHER

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	931590004300	A	AD BLUE TANK ASSLY 27 LTR	1	
2	901501212070	A	SCREW HEX	2	M12x35, Gr - 8.8
3	901601200000	A	WASHER PLAIN	5	M12
4	901611200000	A	WASHER SPRING	5	M12
5	101893420400	A	UREA HOSE-PA12	1	QUICK CONNECTOR -3/8" & 5/16"
6	101893420500	A	UREA HOSE-PA12	1	QUICK CONNECTOR -3/8"
7	101834522000	A	UREA TANK MTG PLATE	1	
8	102093420400	A	UREA HOSE-PA12	1	QUICK CONNECTOR -5/16"
9	101834522100	B	BOTTOM COVER	1	
10	101834522200	B	TOP COVER	1	
11	901501212060	A	SCREW HEX	3	M12x30, Gr - 8.8
12	901501012060	A	SCREW HEX	2	M10x30, Gr - 8.8
13	901601000000	A	WASHER PLAIN M10	2	M10
14	901611000000	A	WASHER SPRING M10	2	M10
15	901500812040	A	SCREW HEX M8x20	4	M8x20, Gr - 8.8
16	901610800000	A	WASHER SPRING	4	M8
17	901600800000	A	WASHER PLAIN	4	M8

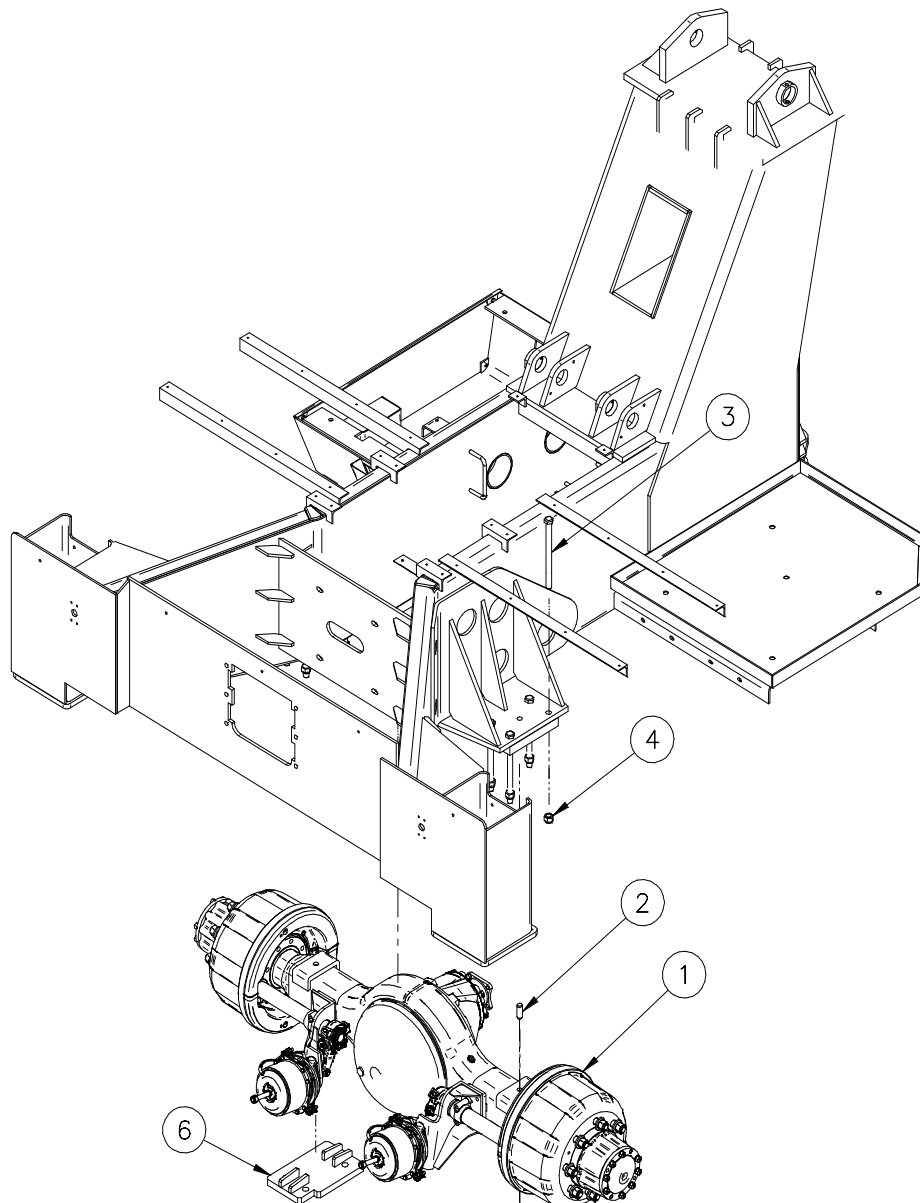
FRONT WHEEL ASSEMBLY



FRONT WHEEL ASSEMBLY

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	960100001000	A	TYRE (11"X20')	8	
2	960300000600	A	FLAP(11X20")	8	
3	960200000900	A	TUBE(11"X20")	8	
4	960400002800	A	RIM(11"X20")	8	
5	901272220000	A	WHEEL NUT	32	M22X2.5P

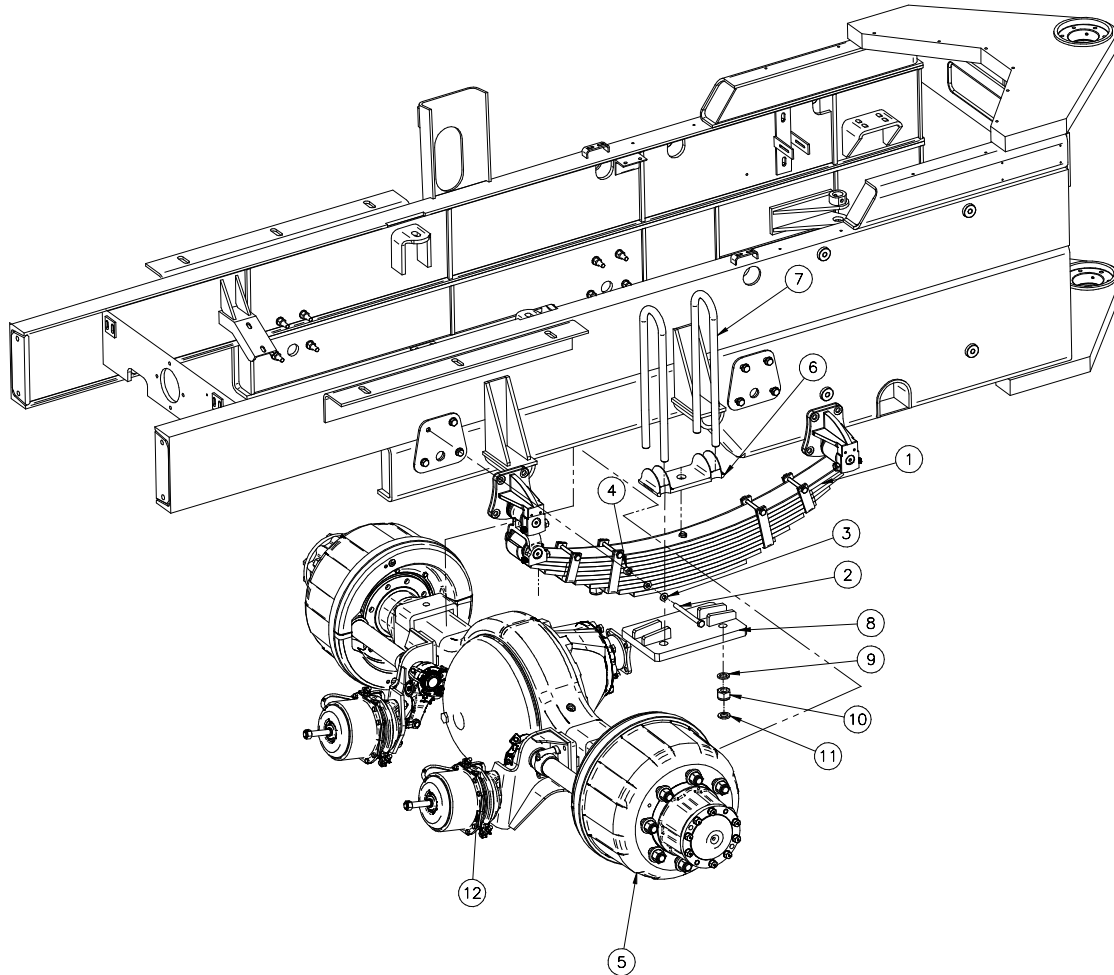
FRONT AXLE (EICHER)



FRONT AXLE (EICHER)

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	932100001600	A	REAR AXLE EICHER	1	
2	101781421000	D	DOWEL PIN	2	DIA 20 X55
3	901102013560	A	HEX BOLT	8	M20x280Lg, Gr - 10.9
4	901222000000	A	NUT NYLOCK	8	M20
6	101611332300	A	FRONT AXLE MTG FAB RH	1	
7	101611332200	A	FRONT AXLE MTG FAB LH	1	

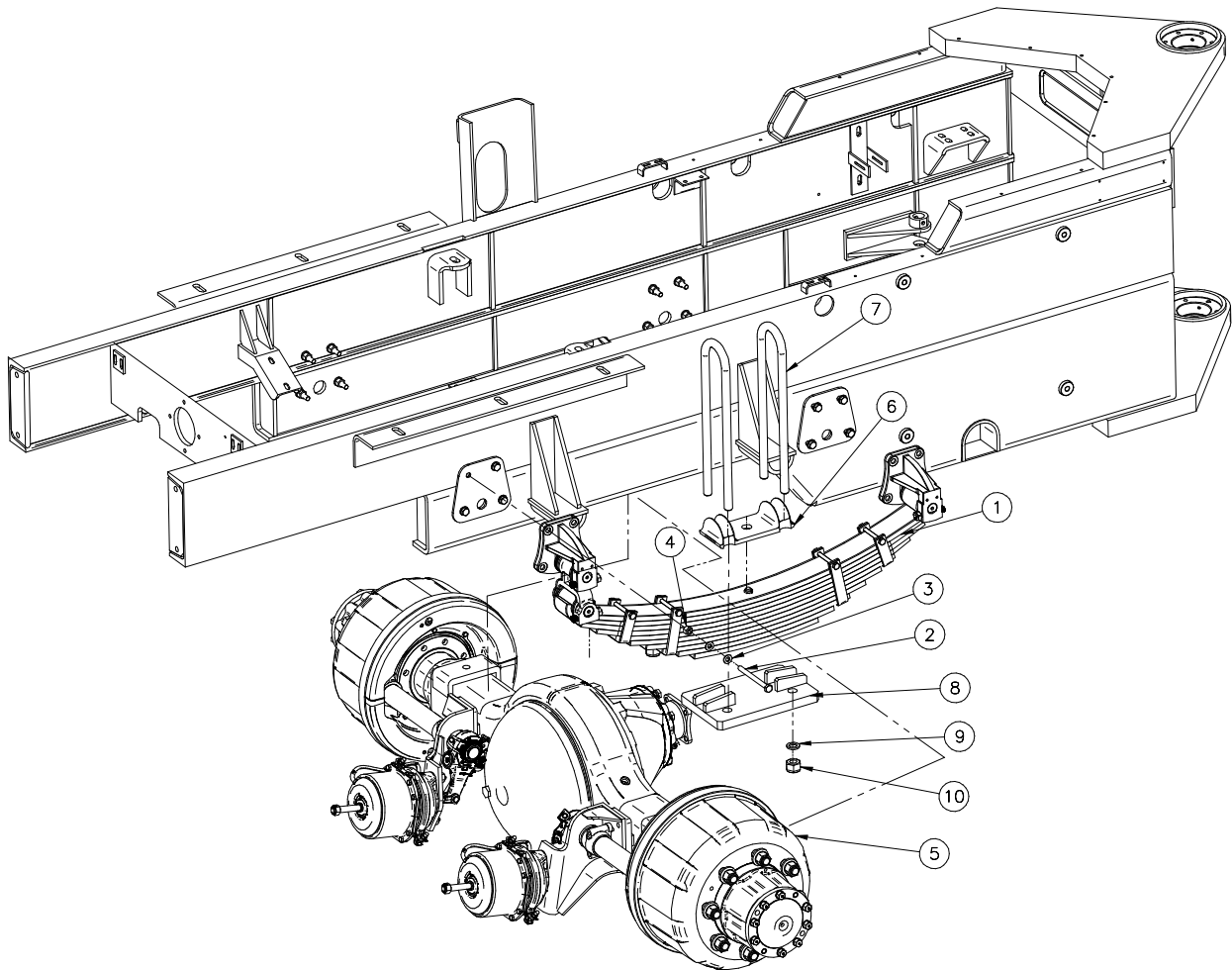
REAR AXLE ASSEMBLY (TATA)



REAR AXLE ASSEMBLY (TATA)

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	102081120000	A	SINGLE SUSPENSION ASSY	2	
2	901101212240	A	BOLT HEX	16	M12x120, Gr - 8.8
3	901601200000	A	WASHER PLAIN	32	M12
4	901221200000	A	NUT NYLOCK	16	M12
5	932100003600	A	REAR AXLE TATA (10 HOLE)	1	
6	101281619900	B	AXLE MTG BKT FAB	2	
7	102081421200	A	U-BOLT	4	M22X2.5X460
8	101611325800	E	AXLE MTG FAB	2	
9	101281425200	A	SPACER	8	35X22.5X4
10	901222213000	A	NUT NYLOCK (M22X2.5) Gr.10.9	8	M22
11	101481422200	A	LOCKING WASHER	8	
12	956700008100	A	BRAKE ACTUATOR-TATA AXLE SPLINE FLANGE	2	

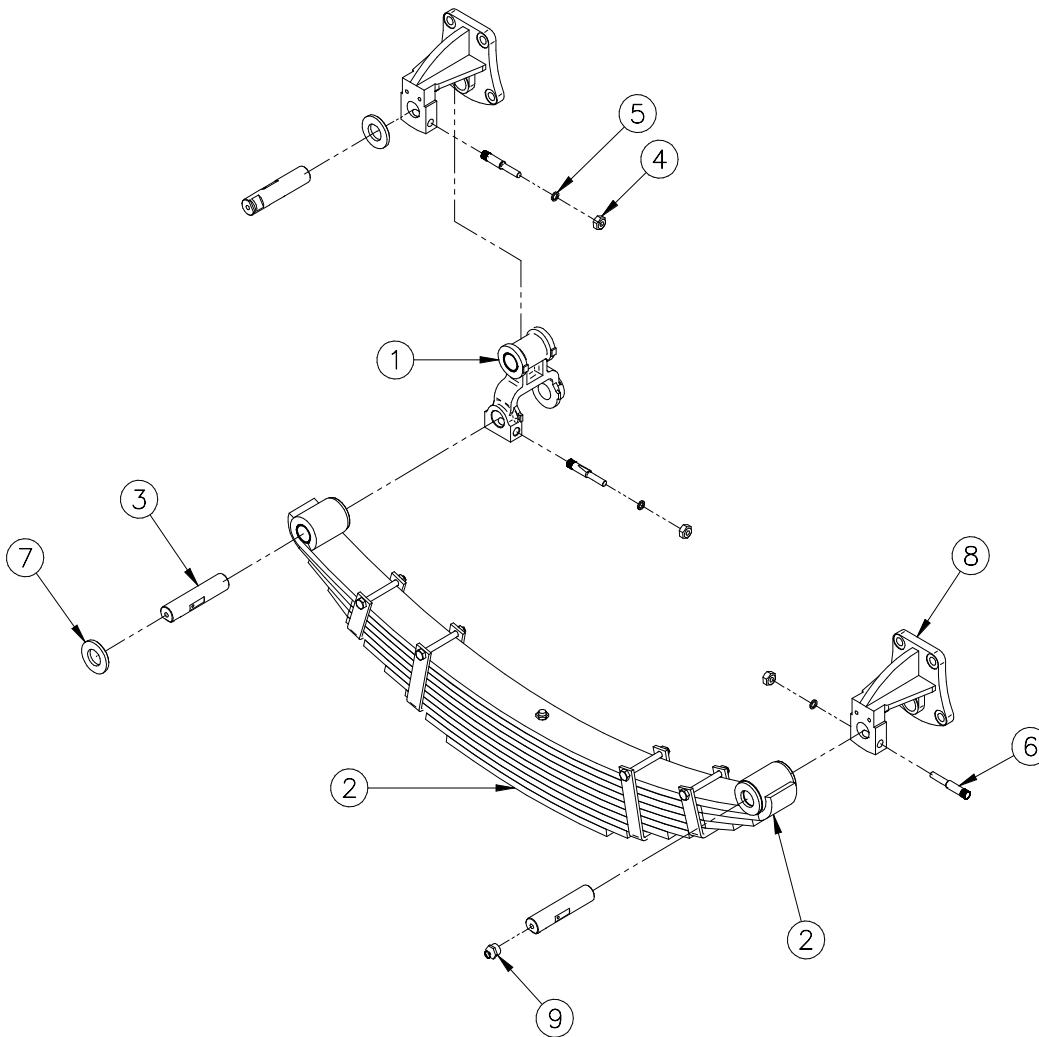
REAR AXLE (EICHER)



REAR AXLE (EICHER)

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	102081120000	B	SINGLE SUSPENSION ASSY	2	
2	901101212240	A	BOLT HEX	16	M12x120, Gr - 8.8
3	901601200000	A	WASHER PLAIN	32	M12
4	901221200000	A	NUT NYLOCK	16	M12
5	932100001600	A	REAR AXLE EICHER	1	
6	101281619900	C	AXLE MTG BKT	2	
7	102081421200	A	U-BOLT	4	
8	101611325800	D	AXLE MTG FAB	2	
9	101281425200	A	SPACER	8	
10	901222213000	A	NUT NYLOCK (M22X2.5) Gr.10.9	8	M22

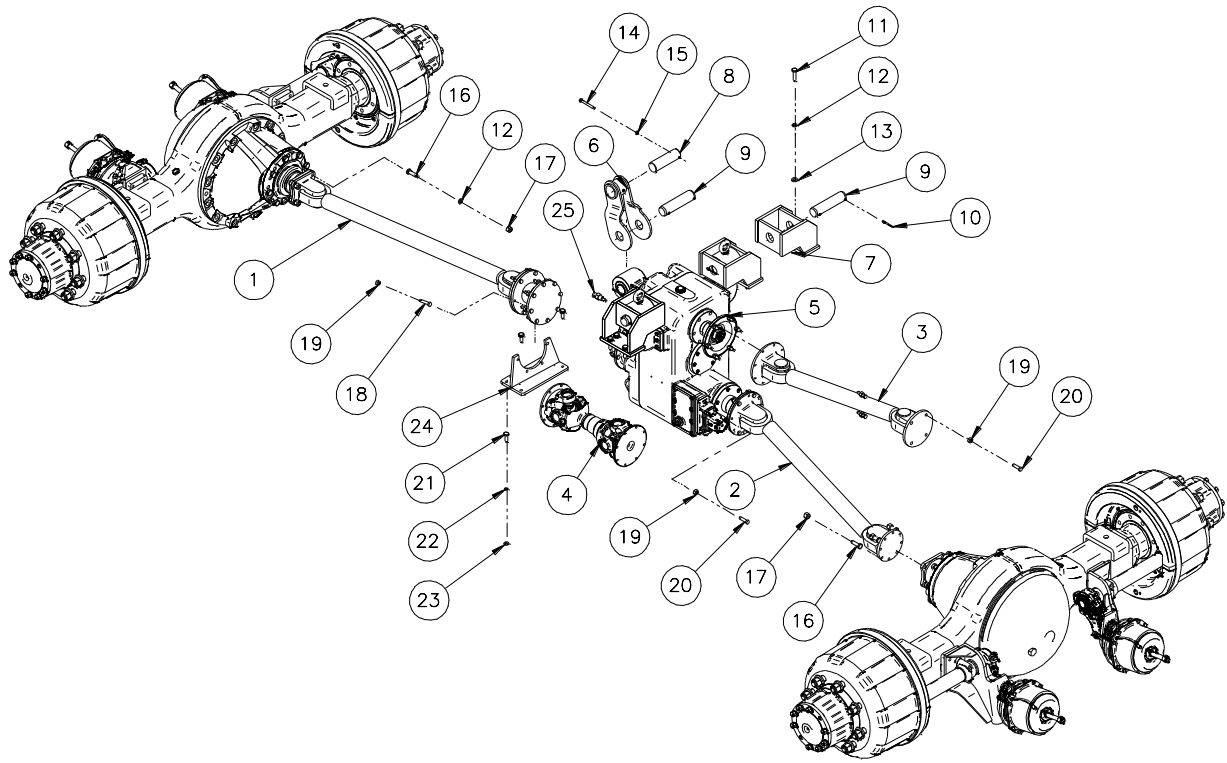
SINGLE SUSPENSION ASSY.



SINGLE SUSPENSION ASSY.

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	101393300100	A	JACK LEAF SPRING BKT SUB ASSY.	1	
2	102081125100	A	LEAF SPRING	1	
3	101393200200	C	PIN	3	
4	901221000000	A	NUT NYLOCK	3	M10
5	901611000000	A	WASHER SPRING	3	M10
6	101581421500	A	SPECIAL BOLT	3	
7	101581421400	A	SPACER	5	
8	101393300200	A	LEAF SPRING BKT	2	
9	901301010000	A	GREASE NIPPLE	3	M10X1

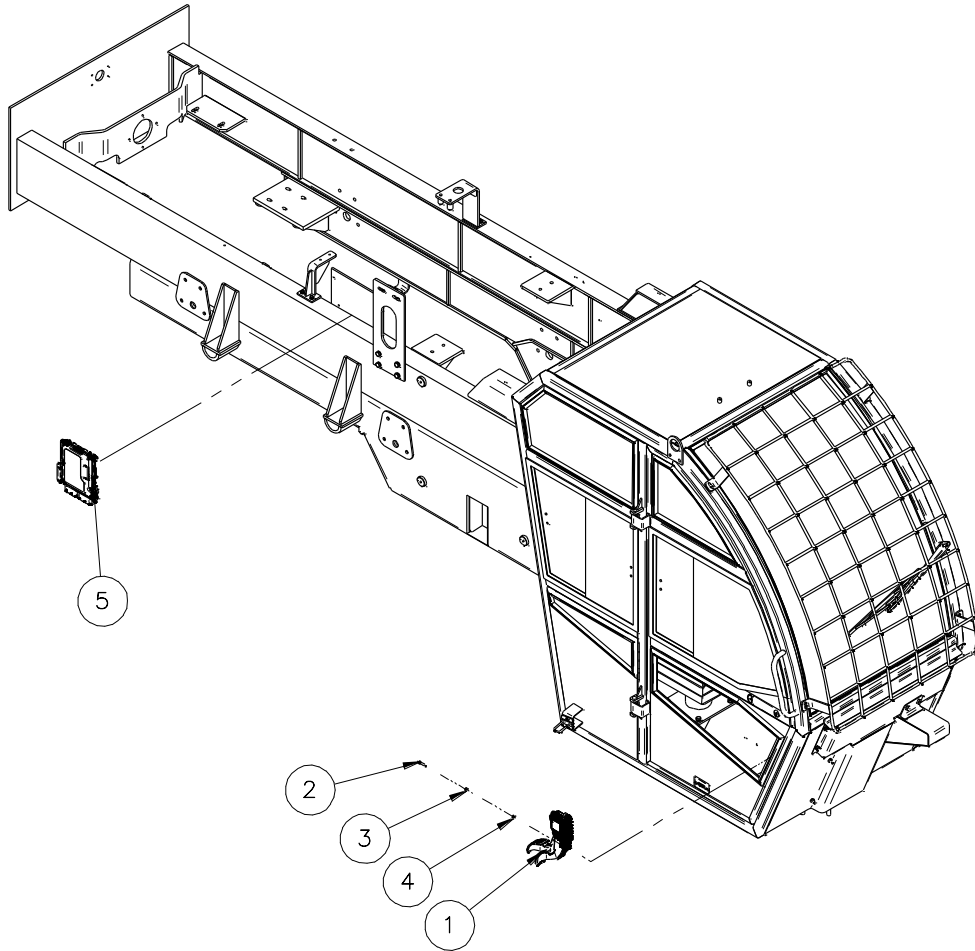
DRIVE LINE ASSEMBLY



DRIVE LINE ASSEMBLY

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101486421200 A	A	PROPELLAR SHAFT FRONT	1	
2	101586423600	A	PROPELLAR SHAFT REAR	1	LENGTH 880/750
3	101586424000	A	PROPELLAR SHAFT AGB TO ENGINE	1	LENGTH=850/717
4	101381100300	A	MIDDLE PROPELLOR SHAFT	1	
5	932400000600	A	AUX. GEAR BOX ASSY	1	
6	101543321200	B	AGB MTG BKT	1	
7	102014330400	B	AGB MTG FAB	2	
8	101714220000	B	AGB PIN	1	
9	101383200100	B	PIN DIA 39.9 X 160 MM.	3	
10	901400400000	A	SPLIT PIN	6	DIA 4 x 50L
11	901501212090	A	SCREW HEX	8	M12x45, Gr - 8.8
12	901611200000	A	WASHER SPRING	12	M12
13	901601200000	A	WASHER PLAIN	8	M12
14	901100812130	A	BOLT HEX	1	M8x65, Gr - 8.8
15	901200800000	A	NUT HEX M8	1	
16	901501213080	A	SCREW HEX	8	M12x40, Gr - 10.9
17	901221200000	A	NUT NYLOCK	8	M12
18	902100622160	A	SCREW HEX 3/8" UNF x 2" LG	14	Gr-10.9
19	902220623120	A	NUT NYLOCK 3/8"	36	
20	902100622120	A	SCREW HEX 3/8" UNF x 1-1/2" LG	22	Gr-10.9
21	901501012060	A	SCREW HEX	4	M10x30, Gr - 8.8
22	901611000000	A	WASHER SPRING M10	4	M10
23	901601000000	A	WASHER PLAIN M10	4	M10
24	101586321200	D	SHAFT GUIDE BKT FAB	1	
25	943970000200	A	ELECTRONIC SPEED SENSOR	1	

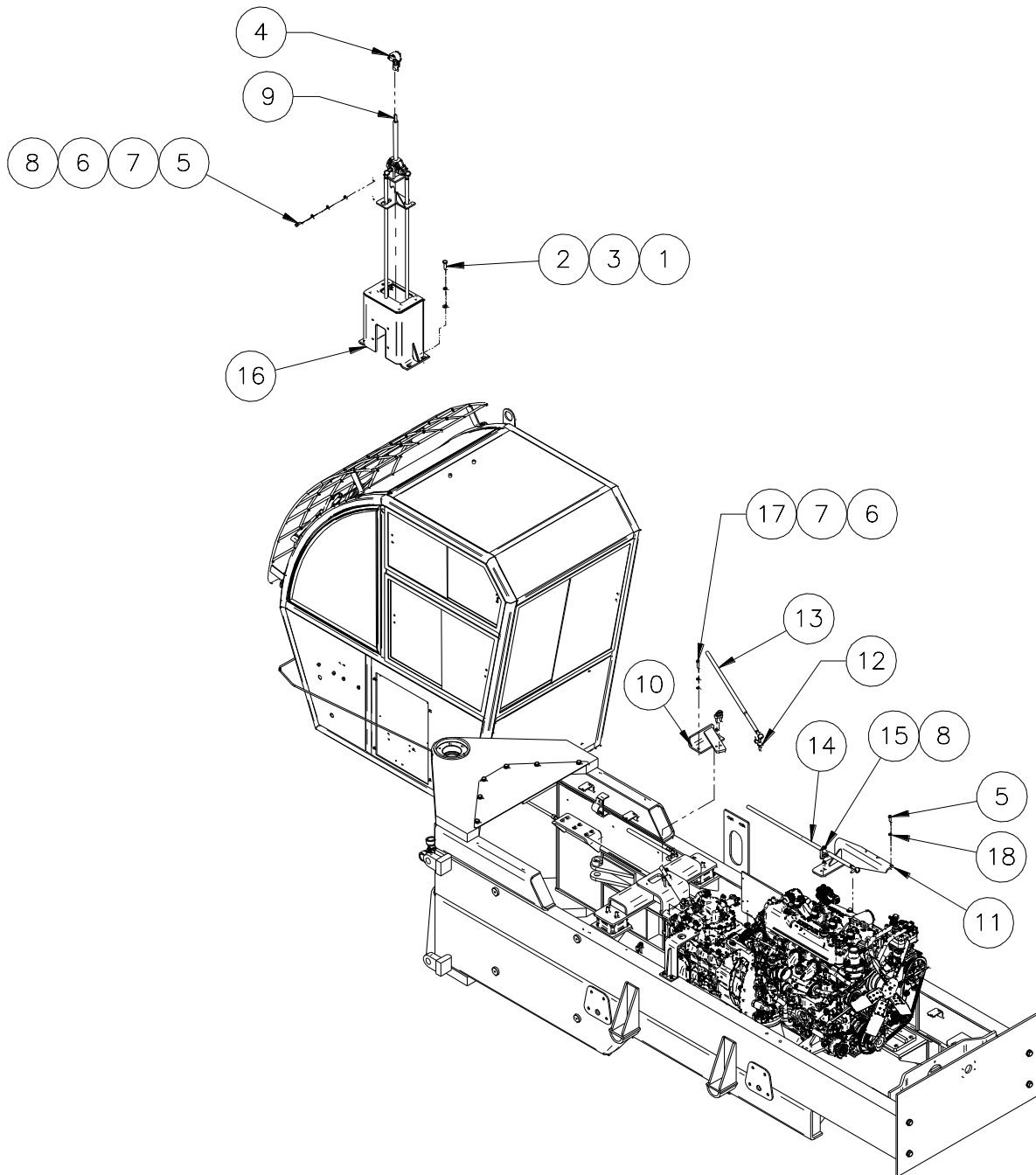
ENGINE CONTROL ASSEMBLY



ENGINE CONTROL ASSEMBLY

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	931590043400	A	ACCLERATOR PEDAL	1	IE323751
2	901500612070	A	SCREW HEX	2	M6x35, Gr - 8.8
3	901600600000	A	WASHER PLAIN	2	M6
4	901610600000	A	WASHER SPRING	2	M6
5	931590007500	A	ECU	1	IE327548

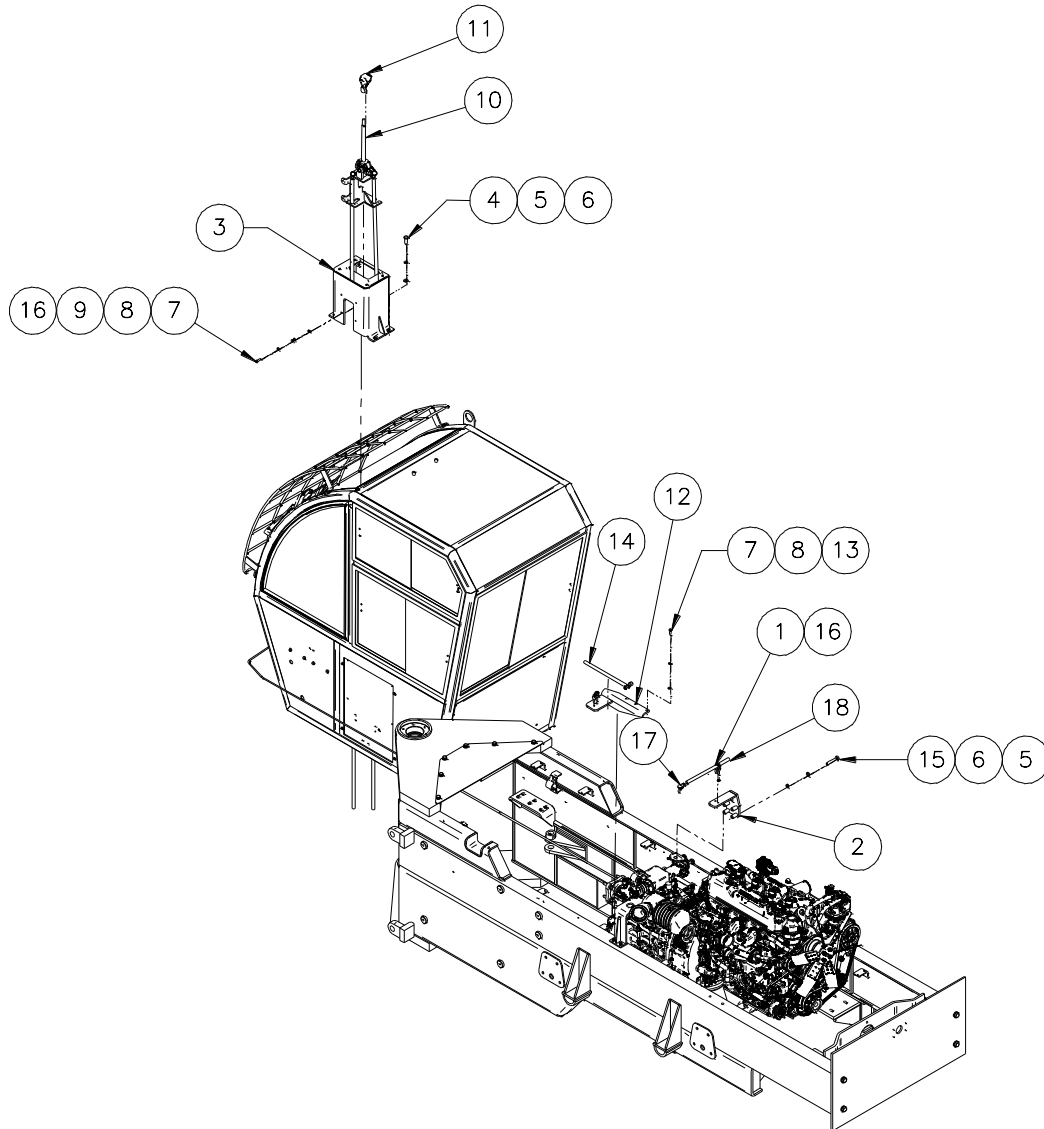
GEAR SHIFTING ASSEMBLY F150/F170 -BS4 74 HP EICHER



GEAR SHIFTING ASSEMBLY F150/F170 -BS4 74 HP EICHER

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	901601200000	A	WASHER PLAIN	4	M12
2	901501212070	A	SCREW HEX	4	M12x35, Gr - 8.8
3	901611200000	A	WASHER SPRING	4	M12
4	101883420400	A	KNOB	1	
5	901500812050	A	SCREW HEX	7	M8x25, Gr - 8.8
6	901600800000	A	WASHER PLAIN	13	M8
7	901610800000	A	WASHER SPRING	10	M8
8	901200800000	A	NUT HEX M8	8	
9	101563125700	B	VERTICAL GEAR SHIFT ASSY	1	
10	101553320600	A	MTG BKT FAB (BS4 EICHER)	1	
11	101553320700	A	MTG BKT (BS4 EICHER)	1	
12	101551430100	A	GEAR CABLE ELBOW RH	2	
13	101553420200	B	GEAR SHIFT CABLE	1	4100 MM
14	101553421000	A	GEAR SELECT CABLE	1	4500 MM
15	101283120200	A	CLAMP ASSY	2	
16	101553122100	B	GEAR SHIFT MTG BKT ASSY	1	
17	901500812070	A	SCREW HEX	2	M8x35, Gr - 8.8
18	901600800000	A	WASHER PLAIN	3	

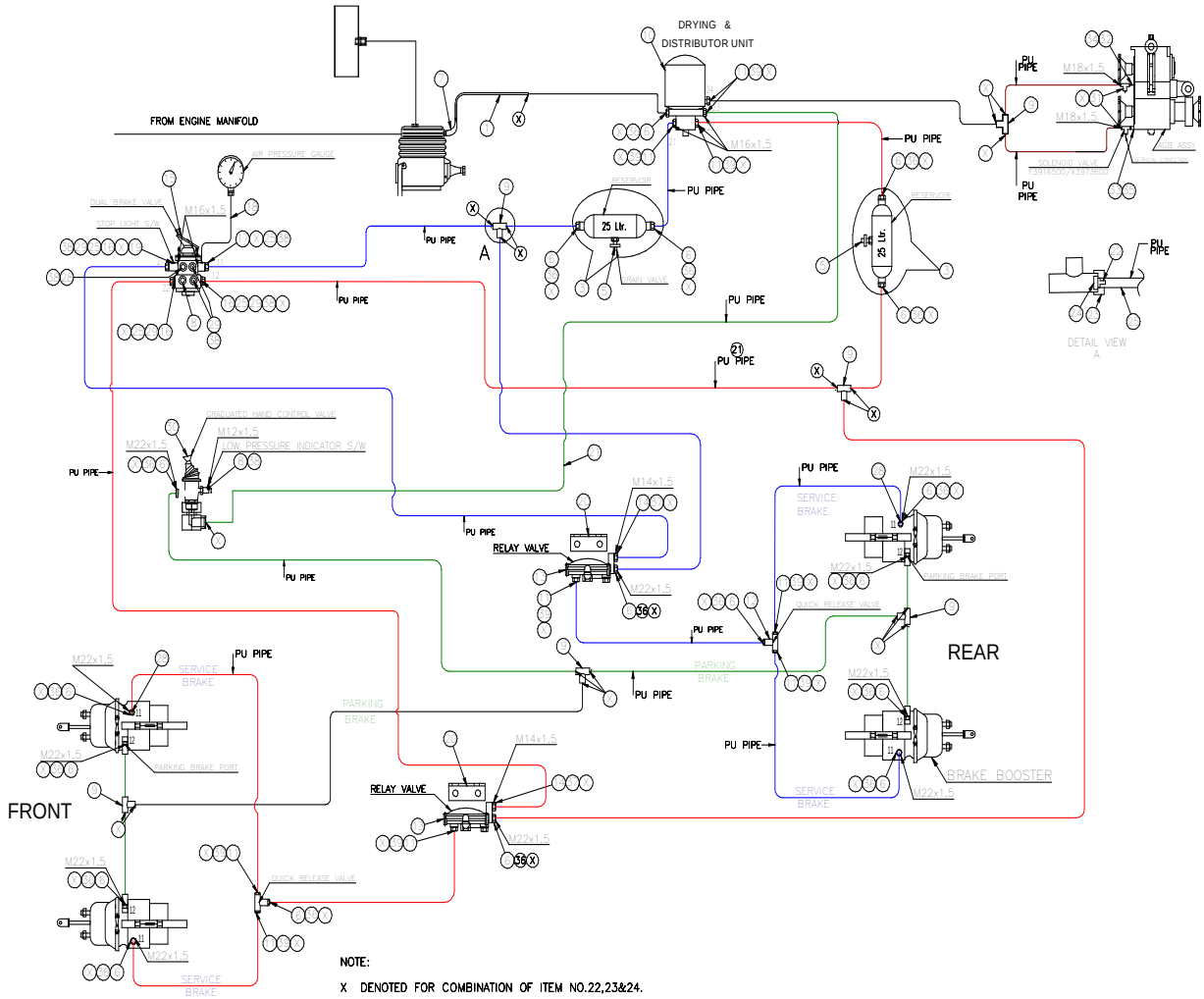
GEAR SHIFTING ASSEMBLY F150/F170 -BS4 101 HP EICHER



GEAR SHIFTING ASSEMBLY F150/F170 -BS4 101 HP EICHER

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101283120200	A	CLAMP ASSY	2	
2	101553320500	B	MTG BKT FAB (BS4 EICHER)	1	
3	101553122100	B	GEAR SHIFT MTG BKT ASSY	1	
4	901501212070	A	SCREW HEX	4	M12x35, Gr - 8.8
5	901611200000	A	WASHER SPRING	8	M12
6	901601200000	A	WASHER PLAIN	8	M12
7	901500812050	A	SCREW HEX	7	M8x25, Gr - 8.8
8	901610800000	A	WASHER SPRING	7	M8
9	901600800000	A	WASHER PLAIN	8	M8
10	101563125700	B	VERTICAL GEAR SHIFT ASSY	1	
11	101883420300	A	KNOB	1	
12	101553320400	A	BKT FAB (BS4 EICHER)	1	
13	901600800000	A	WASHER PLAIN	3	
14	101553421000	A	GEAR SELECT CABLE	1	LENGTH-4500
15	901101212140	A	BOLT HEX	4	M12x70, Gr - 8.8
16	901200800000	A	NUT HEX M8	8	
17	101551430100	A	GEAR CABLE ELBOW RH	2	
18	101553420200	B	GEAR SHIFT CABLE	1	LENGTH-4100

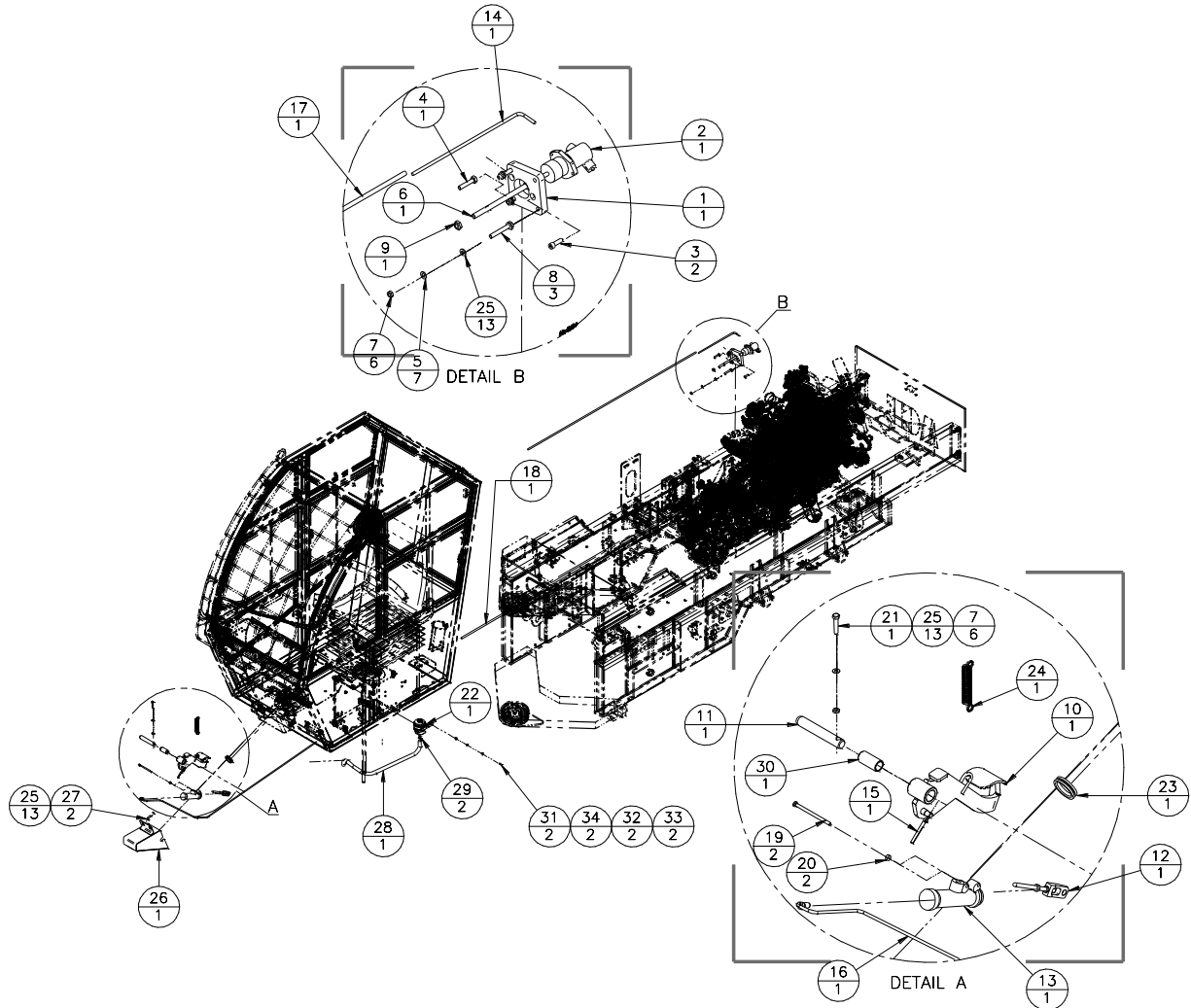
PNEUMATIC CIRCUIT



PNEUMATIC CIRCUIT

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	101585421300	B	COMPRESSOR PIPE	1	
3	927000019600	A	RESERVIOR ASSY	2	
5	101585120100	A	AIR TANK DRAIN PLUG ASSY	2	
6	101085202500	A	ADOPTER	18	(22x1.5/18x1.5)
7	101085200900	A	AIR TANK CLAMP/U BOLT	4	
8	927000001700	A	LOW PRESSURE INDICATOR SWITCH	2	
9	101285426500	A	'T ' ADOPTER	6	
10	101393400300	A	DRYING &DISTRIBUTOR UNIT	1	
11	101385401500	A	ADOPTER	6	(16x1.5/18x1.5)
12	927000001500	A	QUICK RELEASE VALVE	2	
13	927000001600	A	RELAY VALVE	2	
14	101185203700	A	ADOPTER	2	(14x1.5/18x1.5)
15	101393400500	A	DUAL BRAKE VALVE	1	
16	101385401600	A	ADOPTER	6	1/4X12L
17	101085201500	A	ADOPTER PEDAL	1	(18X1.5/14X1.5/16X1.5)
18	101285428600	B	BRAKE HOSE	1	12X1.5
19	101085402600	A	M.C. BRAKE SWITCH	1	
20	102311423900	A	BEND PLATE	2	
21	101543426800	A	PU PIPE	1	44 mtr
22	101085204100	A	INSERT	64	
23	101085204200	A	NUT	64	
24	101085204000	A	FURRULE	64	
25	101085402400	A	LOCK NUT	4	16X1.5
27	101085404000	A	P.V.C.FLEXIBLE PIPE 3/4"	1	44 mtr
28	925061001000	A	PLUG	3	M12X1.5
29	925061000600	A	PLUG	4	M14x1.5,AMFTA1100000
30	927000001100	A	GRADUATED HAND CONTROL VALVE	1	
31	956700008200	A	SOLONOIED VALVE	2	
32	101285426100	A	ADOPTER	20	(M18X1.5/M22X1.5)
33	101285422000	A	LOCK NUT	1	M22
34	101185203800	A	LONG ADOPTER	3	1/4X12L
35	101784420000	A	ADOPTER ON HOUSING	1	
36	901682431000	A	COPPER WASHER	22	24x31x1.5
37	901681620000	A	COPPER WASHER	4	16x20x1.5
38	901681420000	A	COPPER WASHER	4	14x20x1.5
39	901681824000	A	COPPER WASHER	19	18x24x1.5
40	101085400800	A	UNION NUT	1	5/8"
41	101085400700	A	SLEEVE	1	5/8"
42	925061001400	A	PLUG	6	VST16X1.5 EDA3C
43	101585421000	A	BRASS ELBOW	1	
44	101585421100	A	QUICK RELEASE VALVE MTG BK	1	
45	200145400200	A	DOWTY SEAL	9	1/4" BSP
46	200145400300	A	DOWTY SEAL	4	3/8"BSP
47	925081000700	A	DOWTY SEAL METRIC- M14	7	
48	925081000800	A	DOWTY SEAL METRIC-M16	6	
49	925081001100	A	DOWTY SEAL METRIC-M22	20	
50	925082000100	A	DOWTY SEAL 3/4"	1	
51	927000032300	A	MALE CONNECTOR	4	G 1/8
52	927000032400	A	MAILE CONNECTOR	6	G 1/4
53	101514456500	A	SOLENOID MTG BRACKET	2	
54	101585421100	A	QUICK RELEASE VALVE MTG BKT	1	

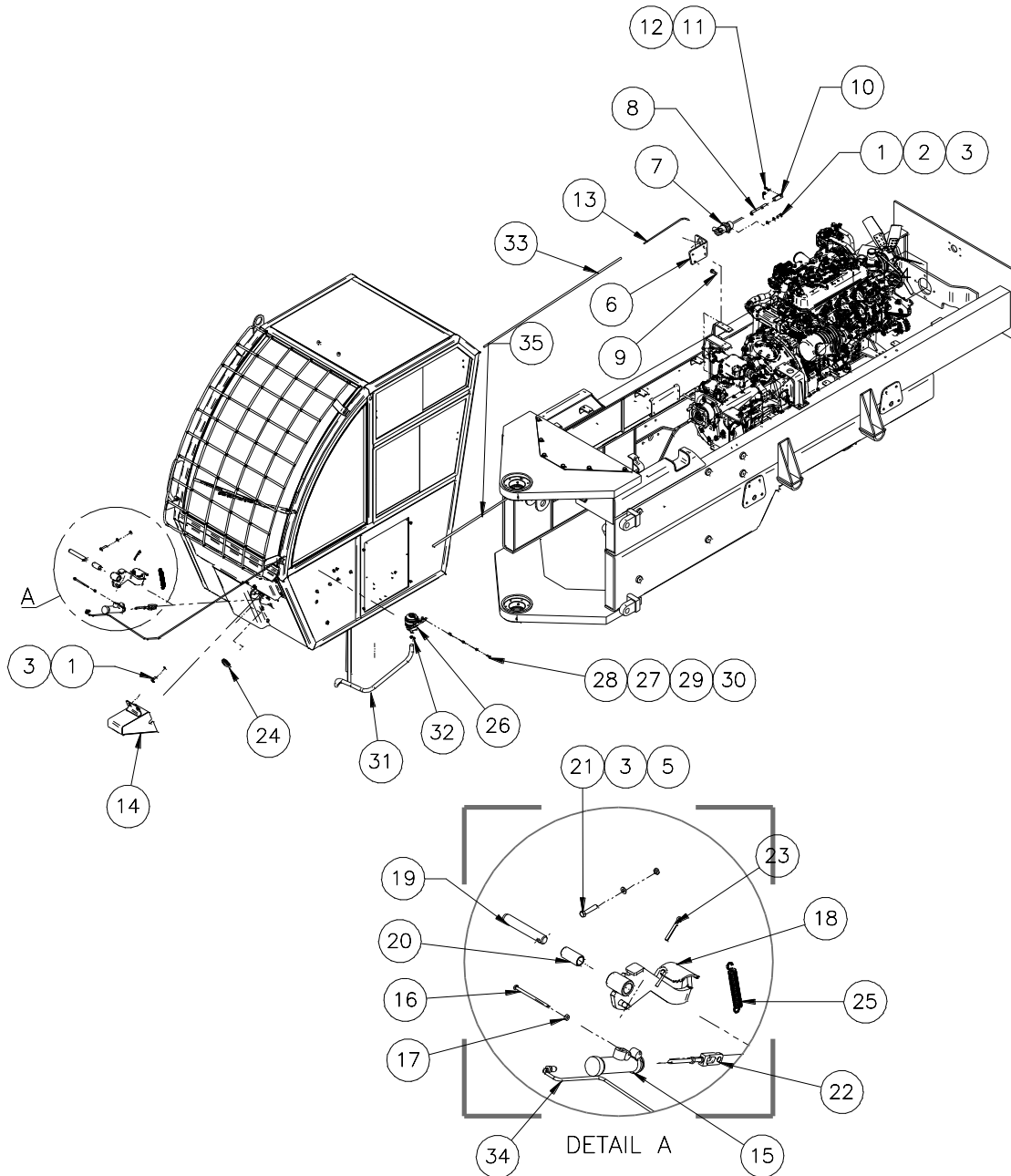
CLUTCH ASSEMBLY F150/F170 -BS4 74 HP EICHER



CLUTCH ASSEMBLY F150/F170 -BS4 74 HP EICHER

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101554520800	B	PLATE	1	
2	955910000800	A	SLAVE CYLINDER	1	AX7413400
3	901110810050	A	BOLT ALLEN	2	M8x25, Gr - 12.9
4	901500812080	A	SCREW HEX M8X40	1	M8x40, Gr - 8.8
5	901610800000	A	WASHER SPRING	7	M8
6	101554424300	A	PUSH ROD FOR SLAVE CYL.	1	
7	901200800000	A	NUT HEX M8	6	
8	901500812110	-	SCREW HEX	3	M8x55, Gr - 8.8
9	901201000000	A	NUT HEX, M10	1	
10	101254320500	G	CLUTCH PEDAL FAB	1	
11	101254422700	A	PIN	1	
12	101584120000	B	CLUTCH ROD ASSY	1	
13	955700000100	A	MASTER CYLINDER-261829100107	1	
14	101554423100	A	SLAVE CYL. HOSE	1	
15	900400600100	A	Split pin 6.3x50	1	
16	101085401550	B	BUNDY TUBE	1	L-1550
17	101085401550	B	BUNDY TUBE 2	1	L- 1550
18	101252400300	C	CLUTCH HOSE	1	
19	901100612200	A	SCREW HEX	2	M6x100, Gr - 8.8
20	901200600000	A	HEX NUT	2	M6
21	901500812080	A	SCREW HEX	1	M8x40, Gr - 8.8
22	101584420400	A	BOTTLE	1	
23	300193400500	A	GROMMET	1	
24	101654421800	A	COMPRESION SPRING	1	
25	901600800000	A	WASHER PLAIN	13	M8 EXISTING
26	101554320700	C	MASTER CYL. COVER FAB	1	
27	901500812050	A	SCREW HEX	2	M8x25, Gr - 8.8
28	101554423500	A	HOSE	1	
29	955400110160	-	HOSE_CLAMP	2	(KLIPCO SIZE OOM)
30	101284220000	A	SELF LUBRICATING BUSH	1	
31	901500612040	A	SCREW HEX	2	M6x20, Gr - 8.8
32	901600600000	A	WASHER PLAIN	2	M6
33	901200600000	A	HEX NUT M6	2	M6
34	901610600000	A	WASHER SPRING	2	M6

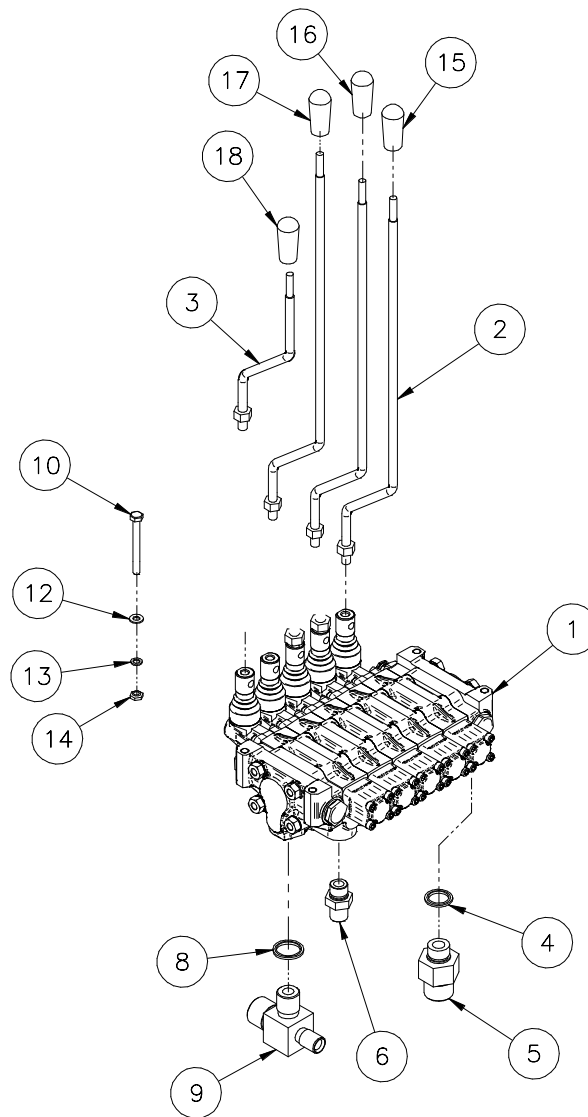
CLUTCH ASSEMBLY F150/F170 -BS4 101 HP EICHER



CLUTCH ASSEMBLY F150/F170 -BS4 101 HP EICHER

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	901500812050	A	SCREW HEX	10	M8x25, Gr - 8.8
2	901610800000	A	WASHER SPRING	5	M8
3	901600800000	A	WASHER PLAIN	11	M8
4	101553320400	A	BKT FAB (BS4 EICHER)	1	
5	901200800000	A	NUT HEX M8	5	
6	101854320300	B	CLUTCH CYL MTG BKT	1	
7	955910000800	A	SLAVE CYLINDER	1	AX7413400
8	101854420600	A	PUSH ROD	1	
9	901501012050	A	SCREW HEX	4	M10x25, Gr - 8.8
10	101854420300	A	FORK	1	
11	101055202000	A	12XW	1	
12	901670200700	A	SPLIT PIN DIA 2X35	1	
13	101554423100	A	SLAVE CYL. HOSE	1	
14	101554320700	C	MASTER CYL. COVER FAB	1	
15	955700000100	A	MASTER CYLINDER-261829100107	1	
16	901100612200	A	SCREW HEX	2	M6x100, Gr - 8.8
17	901200600000	A	HEX NUT	2	M6
18	101254320500	G	CLUTCH PEDAL FAB	1	
19	101254422700	A	PIN	1	
20	101284220000	A	SELF LUBRICATING BUSH	1	
21	901500812080	A	SCREW HEX	1	M8x40, Gr - 8.8
22	101584120000	B	CLUTCH ROD ASSY	1	
23	900400600100	A	Split pin 6.3x50	1	
24	300193400500	A	GROMMET	1	
25	101654421800	A	COMPRESION SPRING	1	
26	101584420400	A	BOTTLE	1	
27	901610600000	A	WASHER SPRING	3	M6
28	901500612040	A	SCREW HEX	3	M6x20, Gr - 8.8
29	901200600000	A	HEX NUT M6	3	M6
30	901600600000	A	WASHER PLAIN	3	M6
31	101554423500	A	HOSE	1	
32	955400110160	-	HOSE_CLAMP	1	(KLIPCO SIZE OOM)
33	101085401550	B	BUNDY TUBE 2	1	L- 1550
34	101085401550	B	BUNDY TUBE	1	L-1550
35	101252400300	C	CLUTCH HOSE	1	

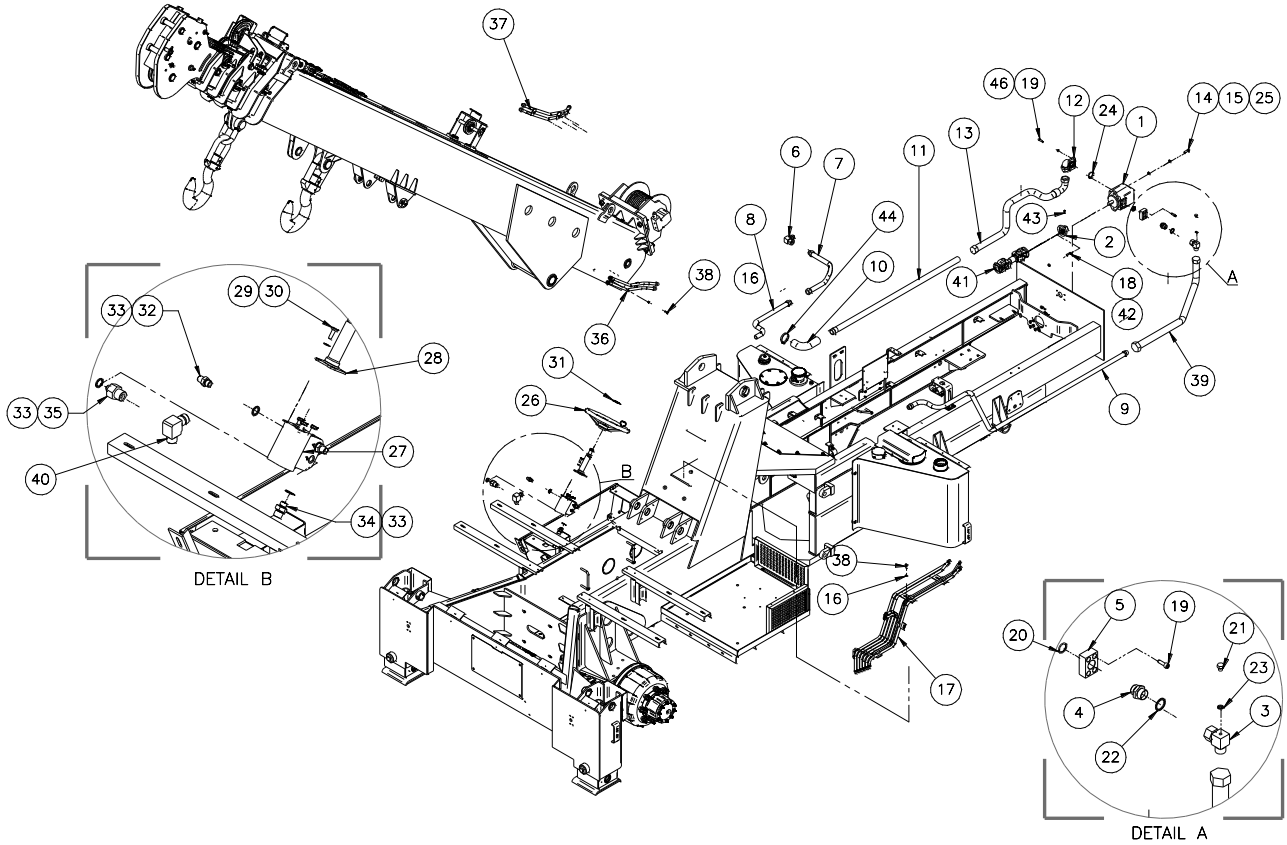
CONTROL VALVE CIRCUIT-5 SPOOL



CONTROL VALVE CIRCUIT-5 SPOOL

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	923000004600	C	CONTROL VALVE 5 SPOOL	1	
2	923000005000	A	CONTROL VALVE LEVER	3	
3	923000006500	A	CONTROL VALVE LEVER	2	
4	200145400500	A	DOWTY SEAL	11	1/2" BSP
5	101241200600	A	ADOPTER 1/2" X 1" BSP	1	
6	101241200300	A	ADOPTER 1/2" x 1/2" BSP	10	
8	200145400600	A	DOWTY SEAL	1	3/4" BSP
9	101241420900	A	TEE 3/4"x1/2"x1" BSP	1	
10	901100812130	A	BOLT HEX	4	M8x65, Gr - 8.8
12	901600800000	A	WASHER PLAIN	4	M8
13	901610800000	A	WASHER SPRING	4	M8
14	901200800000	A	NUT HEX	4	M8
15	101026240803	A	KNOB	1	
16	101026240801	A	KNOB	1	
17	101026240802	A	KNOB	1	
18	101026240804	A	CV LEVER KNOB	2	

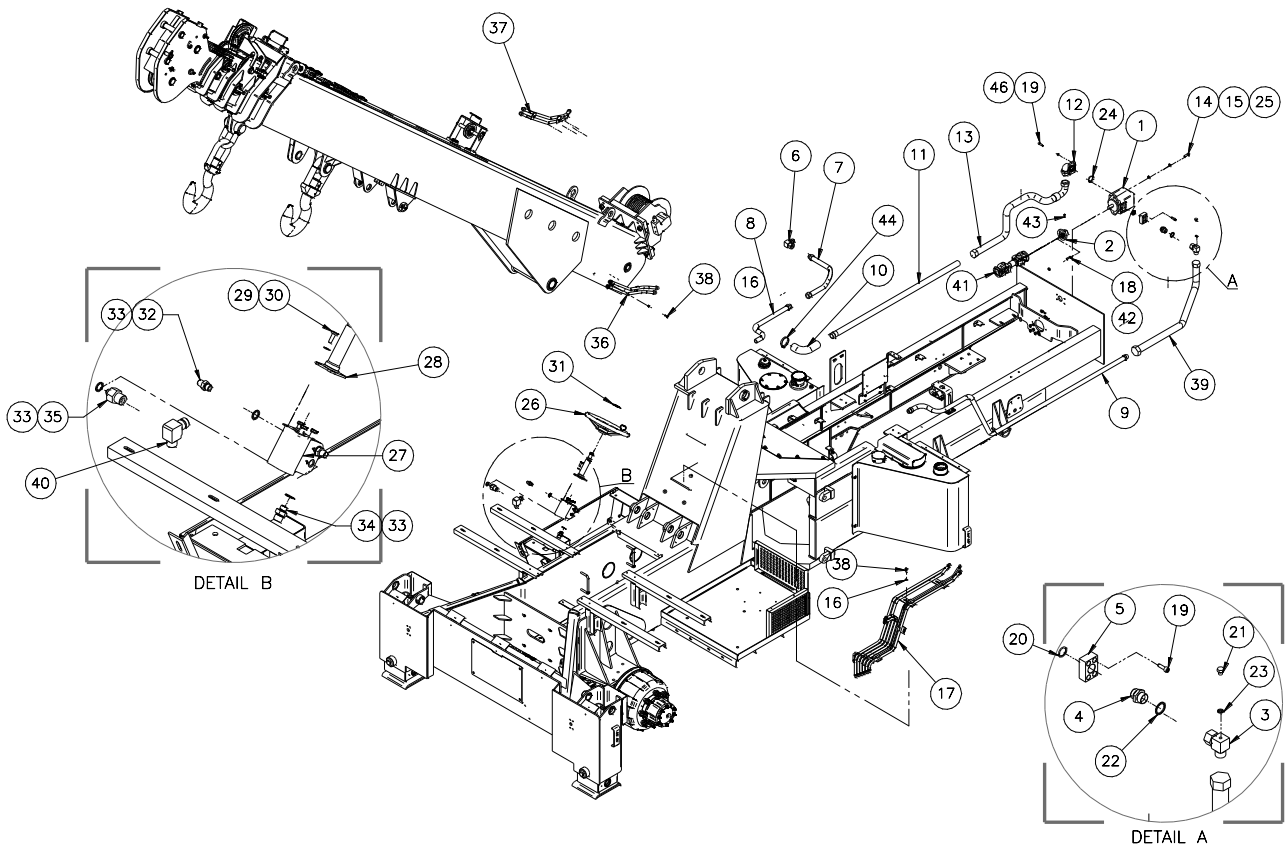
STEERING CIRCUIT



STEERING CIRCUIT

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101247101014	A	VANE PUMP	1	VT6C-014-2-L-00-B-1
2	103043419900	A	PUMP FLANGE COUPLING	1	
3	101243427100	C	ELBOW 1" X1" FREE NUT	1	1" X 1" BSP
4	101243427200	A	ADOPTER 1" X 1" BSP	1	
5	101247201200	C	OUTLET FLANGE	1	AMHCNCA12000
6	102143421500	A	ELBOW 1" X1" FREE NUT	1	ELBOW 1" X 1" BSP
7	101643423000	A	RETURN PIPE	1	
8	101643321100	A	RETURN LINE PIPE1"	1	
9	101643422600	A	DELIVERY TUBE_N	1	
10	101543434600	A	BEND HOSE	1	
11	101643321000	B	SUCTION PIPE FAB	1	
12	101543322500	A	SUCTION FLANGE FAB 1-1/2" BSP	1	
13	911204010950	A	HOSE 1-1/2"BSP ST TO 90	1	
14	901501212080	A	SCREW HEX	6	M12x40, Gr - 8.8
15	901611200000	A	WASHER SPRING	6	M12
16	901600800000	A	WASHER PLAIN	4	M8 EXISTING
17	101543320500	A	PIPE SET FAB	1	
18	901500812070	A	SCREW HEX	6	M8x35, Gr - 8.8
19	901511010060	A	SCREW ALLEN	8	M10x30, Gr - 12.9
20	935035000280	A	O-RING	1	ABHCSC170000
21	200145204600	A	PLUG 1/4"BSP	1	
22	200145400700	A	DOWTY SEAL	1	1" BSP

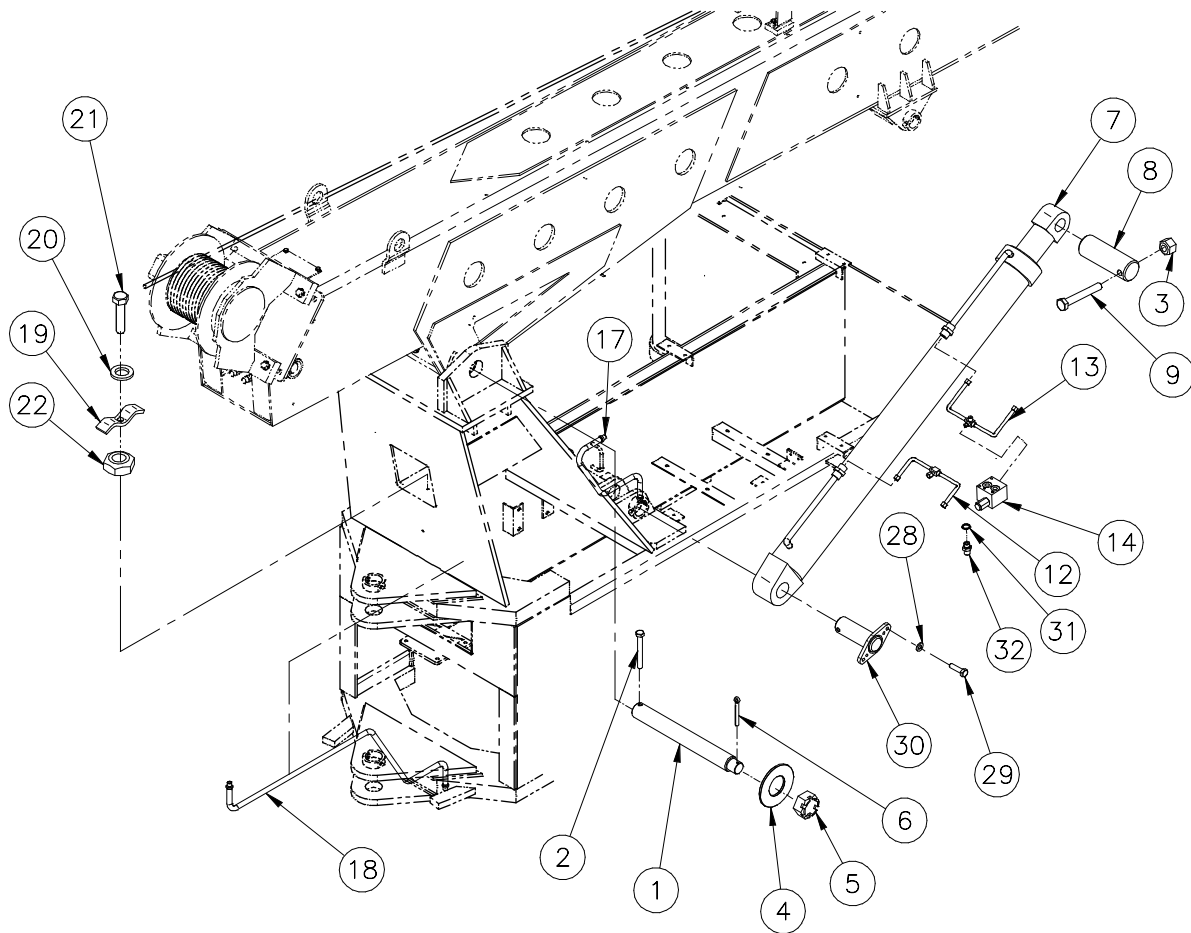
STEERING CIRCUIT



STEERING CIRCUIT

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
22	200145400700	A	DOWTY SEAL	1	1" BSP
23	200145400200	A	DOWTY SEAL	1	1/4" BSP
24	935040045000	A	O-RING	1	SIZE: 45/4
25	901201200000	A	NUT HEX	2	M12
26	423551421000	A	STEERING WHEEL	1	
27	926100001300	A	STEERING UNIT	1	OSPC 80 ON, SAUER DANFOSS
28	926500000600	A	STEERING COLUMN(TELE)	1	85M00066
29	901601000000	A	WASHER PLAIN M10	4	M10
30	901501012060	A	SCREW HEX	4	M10x30, Gr - 8.8
31	936200000100	A	STEERING WHEEL CAP	1	(ABLPHCS35000)
32	101241200300	A	ADOPTER 1/2" X 1/2" BSP	3	
33	200145400500	A	DOWTY SEAL	5	1/2" BSP
34	200545200300	A	ADOPTER 1/2" X 3/4"	1	
35	101241200600	A	ADOPTER 1" X 1/2" BSP	1	
36	101443320200	C	EXT PIPE SET	1	
37	101443320300	B	EXT PIPE SET	1	
38	901100812070	A	BOLT HEX	2	M8x35, Gr - 8.8
39	911207250800	A	DELEVERY PIPE	1	
40	101243425900	A	ELBOW	1	1" X 1" BSP (ABHCN 1700)
41	101831420000	A	HYD PUMP SHAFT	1	
42	901220800000	A	NUT NYLOCK	4	M8
43	901520812040	A	GRUB SCREW_8x20	1	
44	955400550750	A	HOSE CLAMP	2	SIZE TYPE: 70A, 2-1/4"

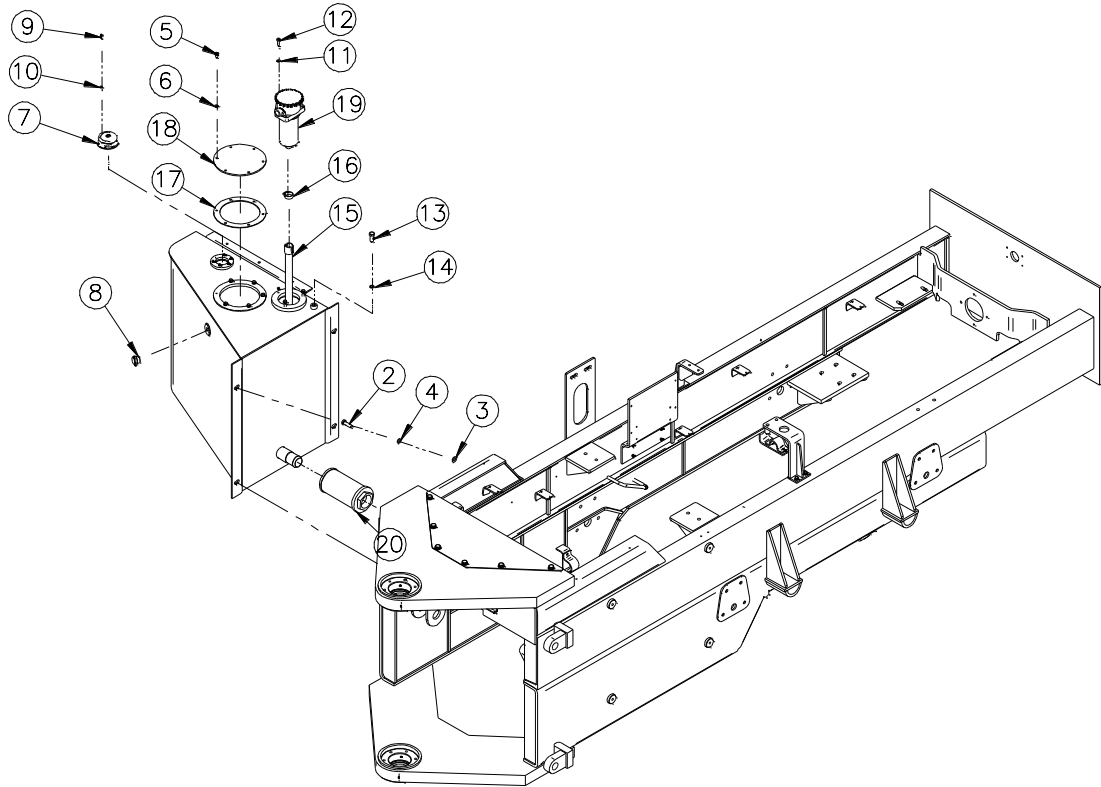
LUFF CIRCUIT



LUFF CIRCUIT

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	101411420800	B	BOOM PIVOT PIN	1	
2	901101212200	A	BOLT HEX	1	M12x100, Gr - 8.8
3	901201200000	A	NUT HEX	3	M12X1.5
4	101228220400	A	SPACER	1	
5	101628200100	B	SLOTTED NUT	1	
6	901400600000	A	SPLIT PIN	1	SUITABLE FOR DIA 6
7	924901251394	A	LUFF CYL (NEGATIVE ANGLE)	2	STROKE - 1394mm
8	101242200300	B	LIFT JACK PIN (50X135)	2	
9	901101212170	A	BOLT HEX	2	M12x85, Gr - 8.8
12	101393300600	A	LOWER TUBE	1	
13	101393300500	A	UPPER TUBE	1	
14	929200002900	A	CONTROL BALANCE VALVE (TUSCON)	1	
17	101543427000	A	LUFF TUBE	2	
18	101543426900	A	EXTENTION TUBE	4	
19	200128200400	A	W CLAMP	4	
20	901610800000	A	WASHER SPRING	4	M8
21	901500812070	A	SCREW HEX	4	M8x35, Gr - 8.8
28	901600800000	A	WASHER PLAIN	4	M8
29	901100812060	A	BOLT HEX	4	M8x30, Gr - 8.8
30	101543320100	A	PIN FAB	2	
31	200145400500	A	DOWTY SEAL	4	1/2" BSP
32	101241200300	A	ADOPTER 1/2" X 1/2" BSP	4	

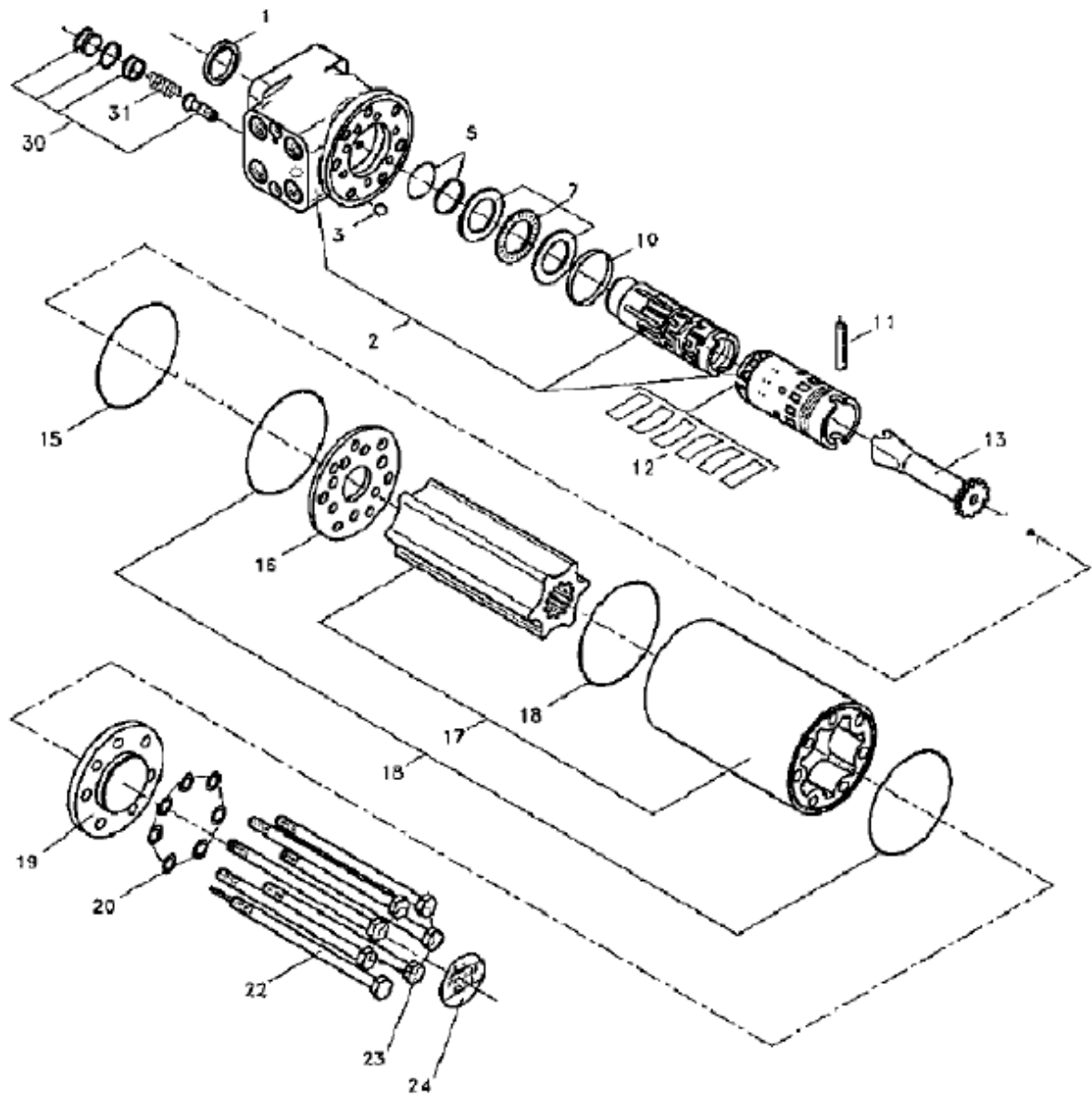
HYD. TANK



HYD. TANK

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101546321800	C	HYD. TANK FAB	1	
2	901501212080	A	SCREW HEX	4	M12x40, Gr - 8.8
3	901601200000	A	WASHER PLAIN	4	M12
4	901611200000	A	WASHER SPRING	4	M12
5	901500812030	A	SCREW HEX	6	M8x15, Gr - 8.8
6	901610800000	A	WASHER SPRING	6	M8
7	101046400300	A	BREATHER ASSY	1	002ABF10NSG
8	929500000300	A	EYE PLUG	1	TLA4G 1GTLA40A 3/4"
9	901500512030	A	SCREW HEX M5x16	6	M5x16, Gr - 8.8
10	901610500000	A	WASHER SPRING	9	M5
11	901600800000	A	WASHER PLAIN	3	M8
12	901100812070	A	BOLT HEX	3	M8x35, Gr - 8.8
13	901131430000	A	BOLT BENJO	1	M14x1.5
14	901681420000	A	COPPER WASHER	1	14X20X1.5
15	101746321600	A	DIFFUSER FAB	1	
16	955400350350	A	WORM DRIVE CLIP	1	35A
17	101546463100	A	TANK COVER GASKET	1	
18	101546462300	A	TANK COVER	1	
19	922200003400	A	RETURN LINE FILTER	1	TIF02-08
20	922100000200	A	SUCTION STRAINER	1	

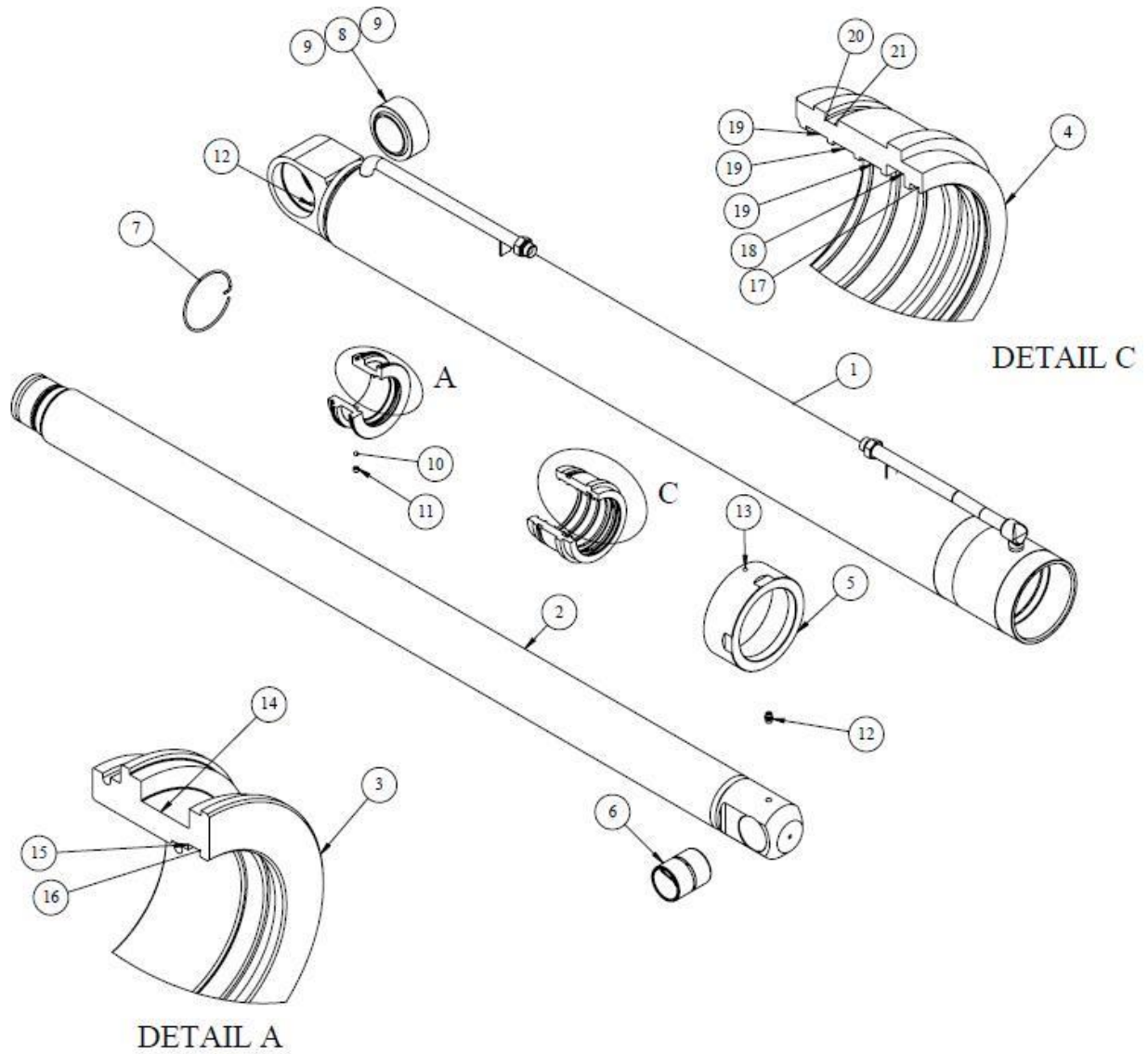
STEERING UNIT



STEERING UNIT

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	101243422300	A	DUST SEAL RING	1	
2	101243422400	A	HOUSING, SPOOL & SLEEVE	1	
3	101243422500	A	BALL	1	
5	101243422900	A	SHAFT SEAL	1	
7	101243422600	A	BEARING ASSEMBLY	1	
7a	101243422700	A	NEEDLE BEARING	1	
7b	101243422800	A	BEARING WASHER	2	
10	101243423000	A	RING	1	
11	101243423100	A	CROSS PIN	1	
12	101243423200	A	SET OF SPRINGS	1	
12a	101243423300	A	NEUTRAL POSITION SPRING	2	
12b	101243423400	A	FLAT SPRING	2	
13	101243423500	A	CARDAN SHAFT	1	
15	101243423600	A	O-RING	1	
16	101243423700	A	DISTRIBUTOR PLATE	1	
17	101243423800	A	GEAR WHEEL SET	1	
18	101243423900	A	O-RING	2	
19	101243424000	A	END COVER	1	
20	101243424100	A	WASHER	7	
22	101243424200	A	SPACIAL SCREW	1	
23	101243424300	A	SCREW	6	
24	101243424400	A	NAME PLATE	1	
30	101243424500	A	PRESSURE RELIEF VALVE	1	
30a	101243424600	A	PISTON	1	
30b	101243424700	A	ADJUSTING SCREW	1	
30c	101243424800	A	PLUG	1	
31	101243424900	A	SPRING FOR RELIEF VALVE	1	
37	101243425000	A	CHECK VALVE	1	
38	101243425100	A	SEAL KIT	1	

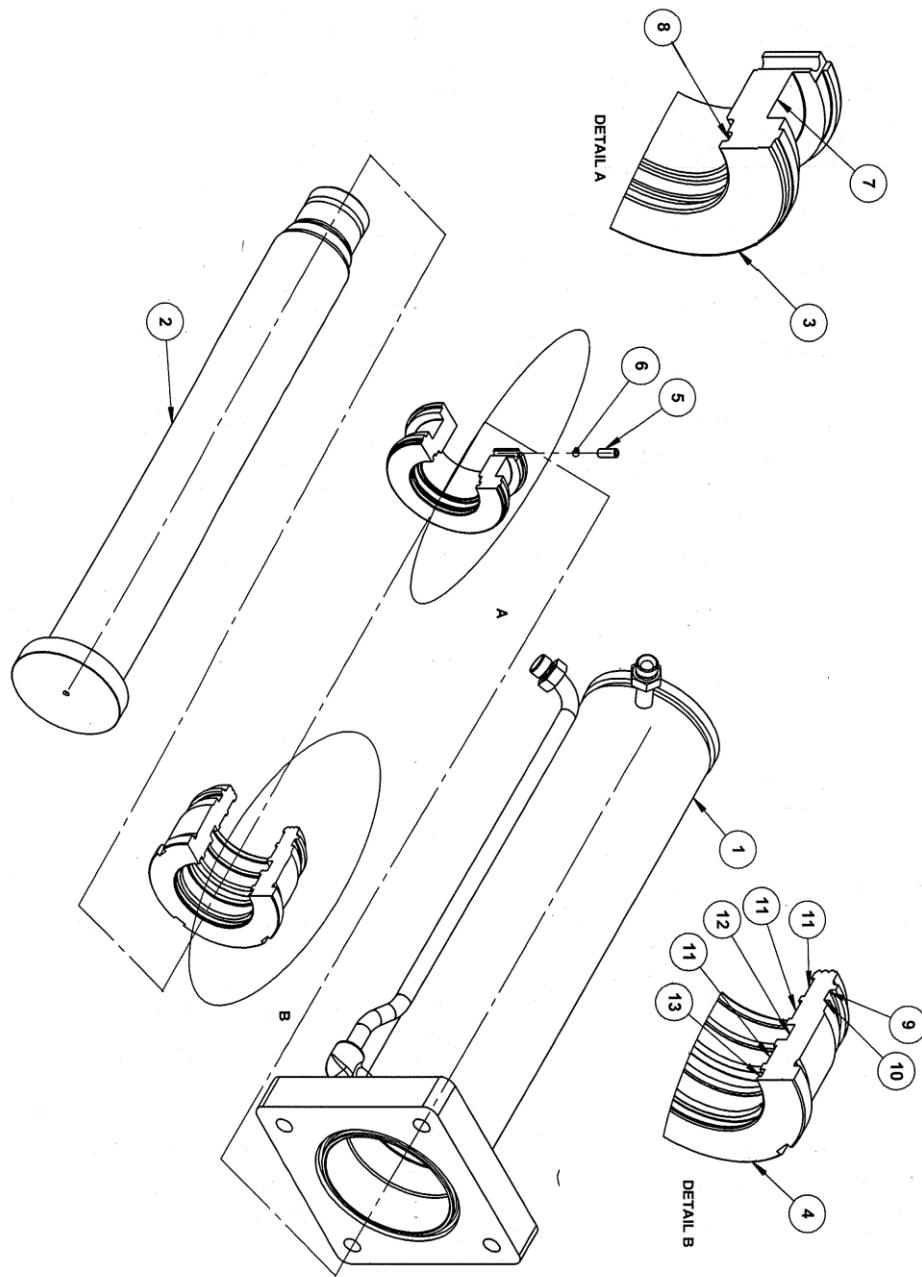
LUFF CYLINDER



LUFF CYLINDER

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	924200038200	A	TUBE FINAL WELDMENT	1	
2	924200038300	A	PISTON ROD WELDMENT	1	
3	924200038400	A	PISTON	1	
4	924200021900	A	GLAND	1	
5	924200038500	A	GLAND CAP	1	
6	924200022200	A	BUSH	1	
7	924200022100	A	SNAP RING	1	
8	924200022300	A	SPH BEARING	1	
9	924200022400	A	CIRCLIP INTERNAL	2	
10	924200022600	A	STEEL BALL	1	
11	924200038600	A	GRUB SCREW	1	
12	924200022500	A	GREASING NIPPLE	2	
13	924200038600	A	GRUB SCREW	1	
22	924200038000	A	SEAL KIT	1	CONSIST ITEM 14 TO 21

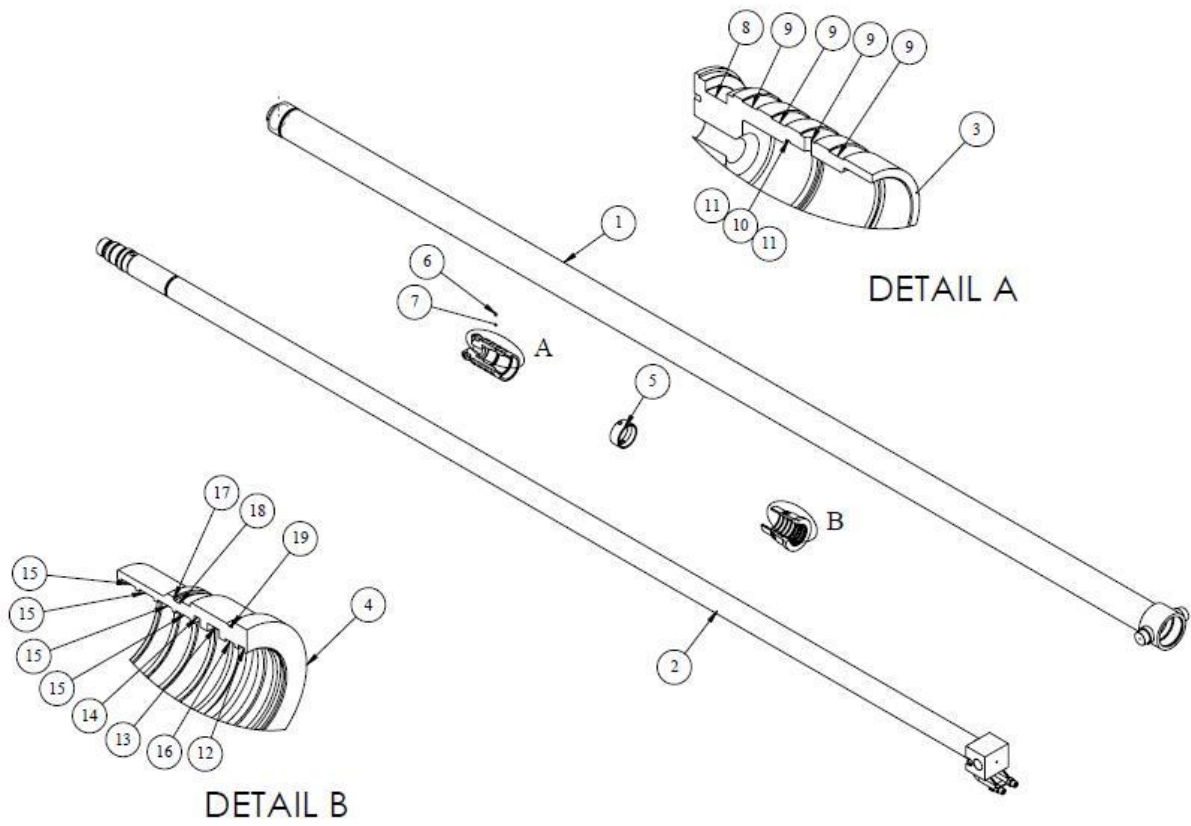
OUTRIGGER CYLINDER



OUTRIGGER CYLINDER

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	924200023000	A	FINAL TUBE WELDMENT	1	
2	924200023100	A	PISTON ROD WELDMENT	1	
3	924200023200	A	PISTON	1	
4	924200023300	A	GLAND	1	
5	924200023400	A	GRUB SCREW	1	
6	924200023500	A	STEEL BALL	1	
14	924200023600	A	SEAL KIT	1	CONSIST ITEM 7 TO 13

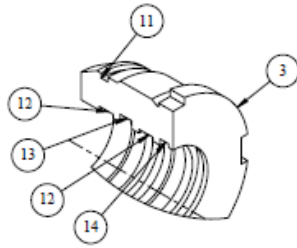
EXTN. CYLINDER (924801003970-DANTAL)



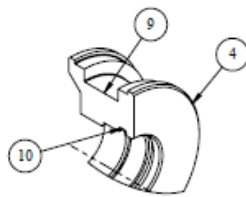
EXTN. CYLINDER

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	924200038700	A	TUBE FINAL WELDMENT	1	
2	924200038800	A	PISTON ROD SUB ASSEMBLY	1	
3	924200038900	A	PISTON	1	
4	924200039000	A	GLAND	1	
5	924200039100	A	SPACER	1	
6	924200022700	A	GRUB SCREW	1	
7	924200022600	A	STEEL BALL	1	
20	924200038100	A	SEAL KIT	1	CONSIST ITEM 8 TO 16

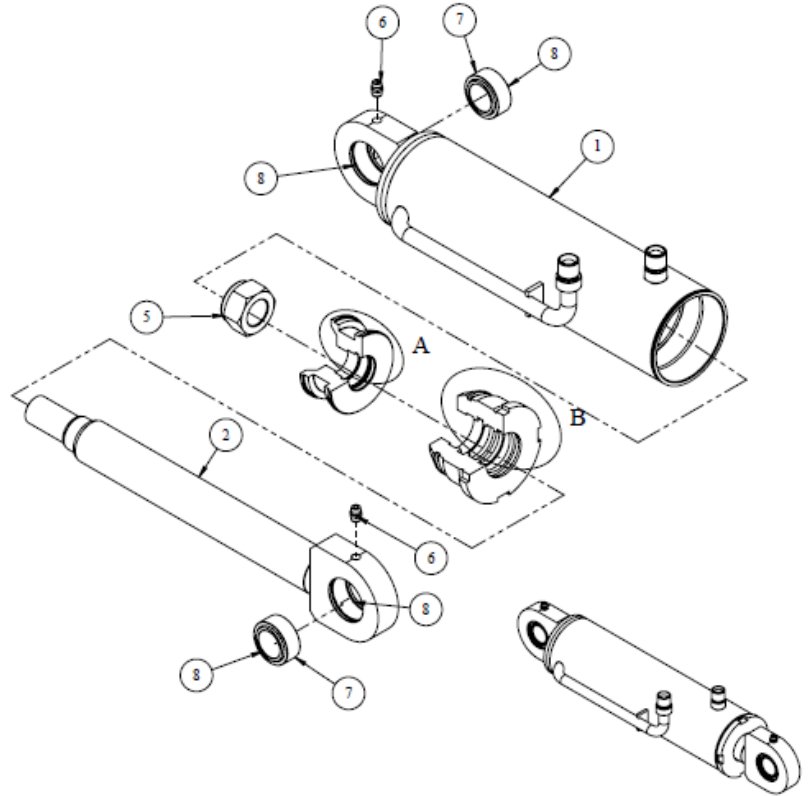
STEERING CYLINDER LH



DETAIL B



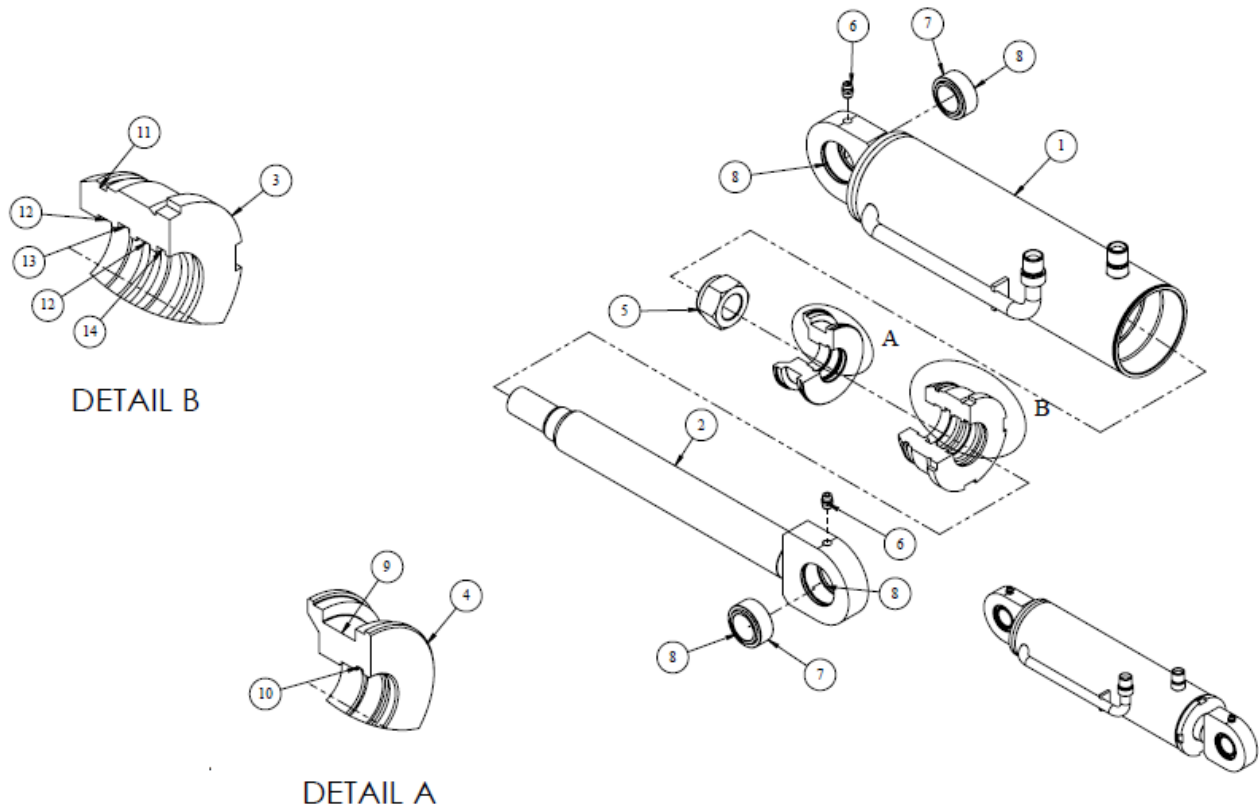
DETAIL A



STEERING CYLINDER LH

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	924200029100	A	TUBE FINAL WELDMENT	1	
2	924200029200	A	PISTON ROD WELDMENT	1	
3	924200029300	A	GLAND	1	
4	924200029400	A	PISTON	1	
5	924200029500	A	NYLOCK NUT	1	
6	924200020200	A	GREASING NIPPLE	2	
7	924200020300	A	SPH BEARING	2	
8	924200020400	A	CIRCLIP	4	
15	924200029000	A	SEAL KIT	1	CONSIST ITEM 9 TO 14

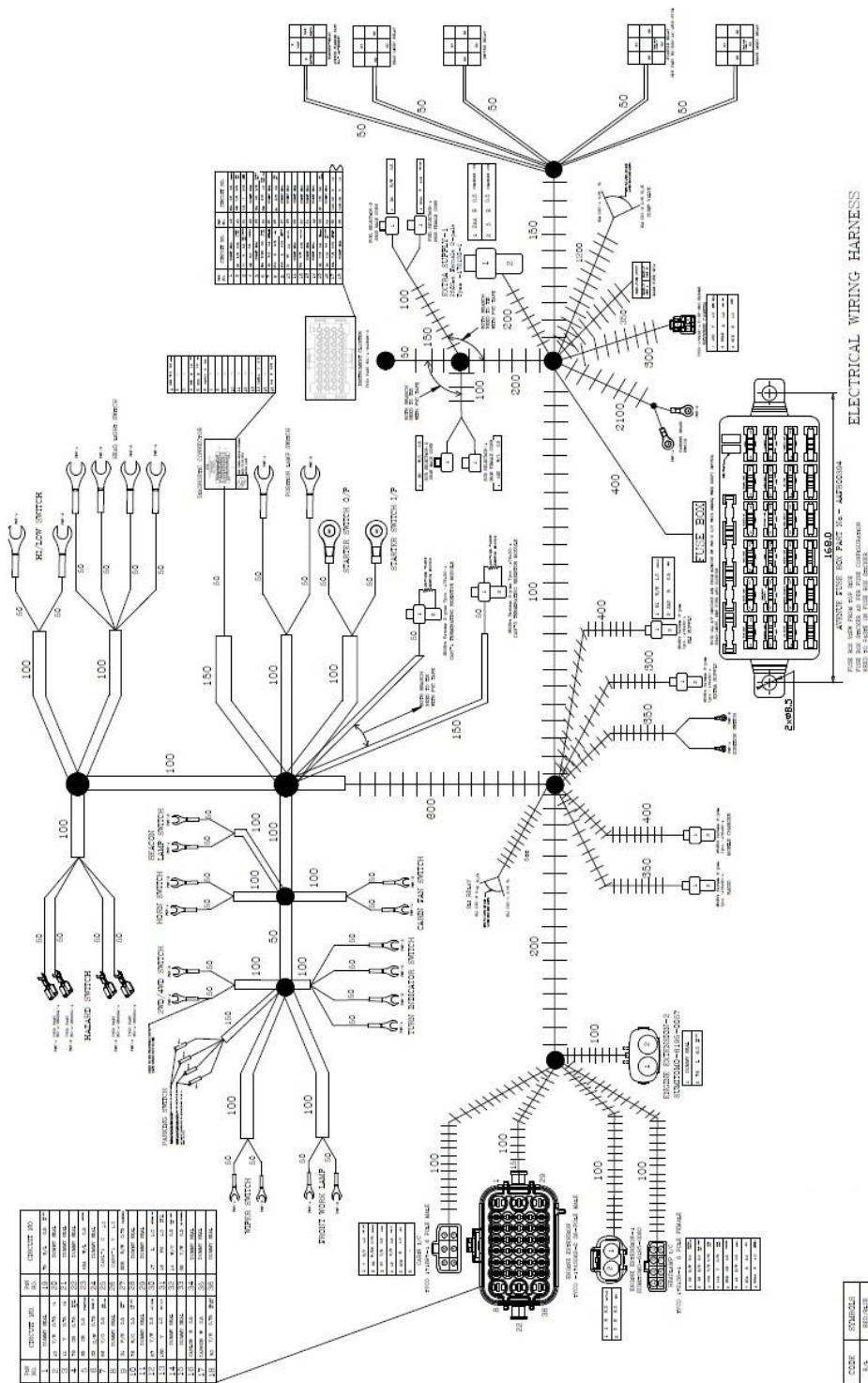
STEERING CYLINDER RH



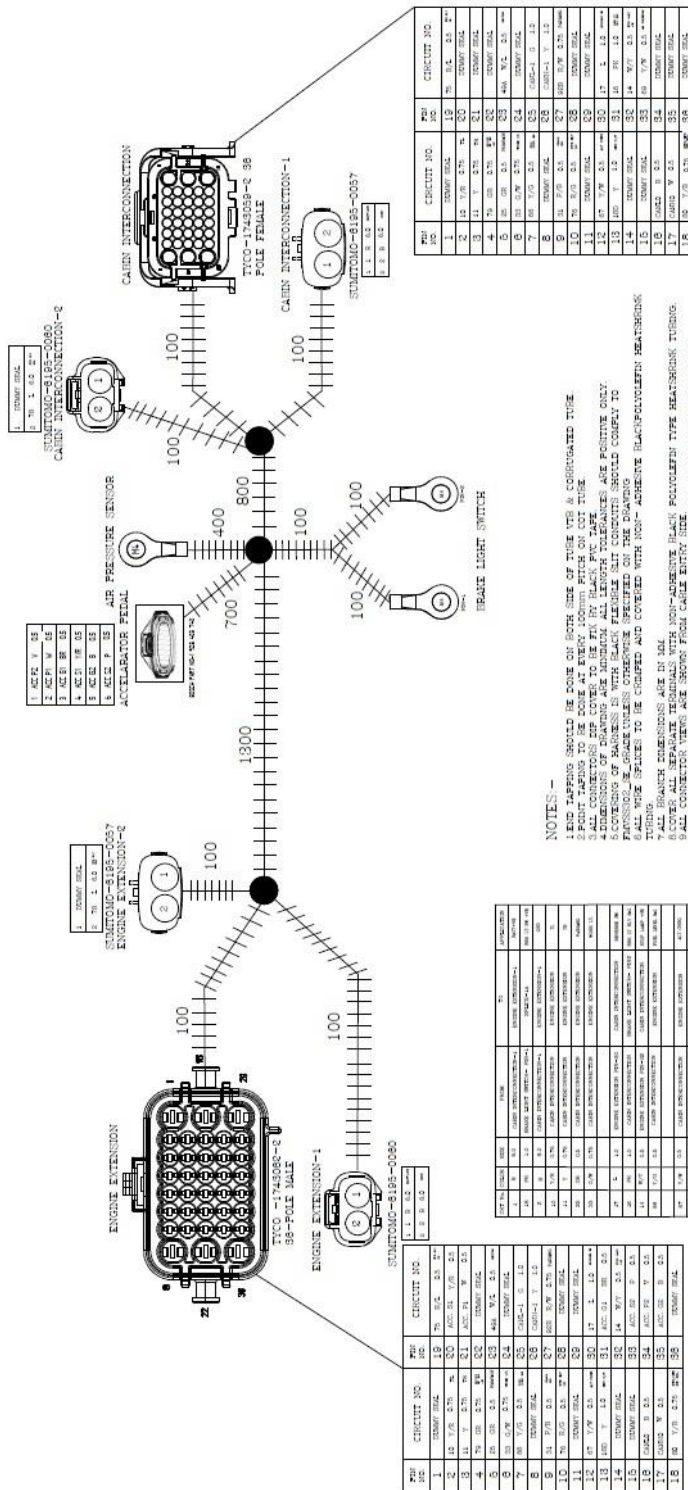
STEERING CYLINDER RH (924400700344 - DANTAL)

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	924200029100	A	TUBE FINAL WELDMENT	1	
2	924200029200	A	PISTON ROD WELDMENT	1	
3	924200029300	A	GLAND	1	
4	924200029400	A	PISTON	1	
5	924200029500	A	NYLOCK NUT	1	
6	924200020200	A	GREASING NIPPLE	2	
7	924200020300	A	SPH BEARING	2	
8	924200020400	A	CIRCLIP	4	
15	924200029000	A	SEAL KIT	1	CONSIST ITEM 9 TO 14

WIRING HARNESS



WIRING HARNESS



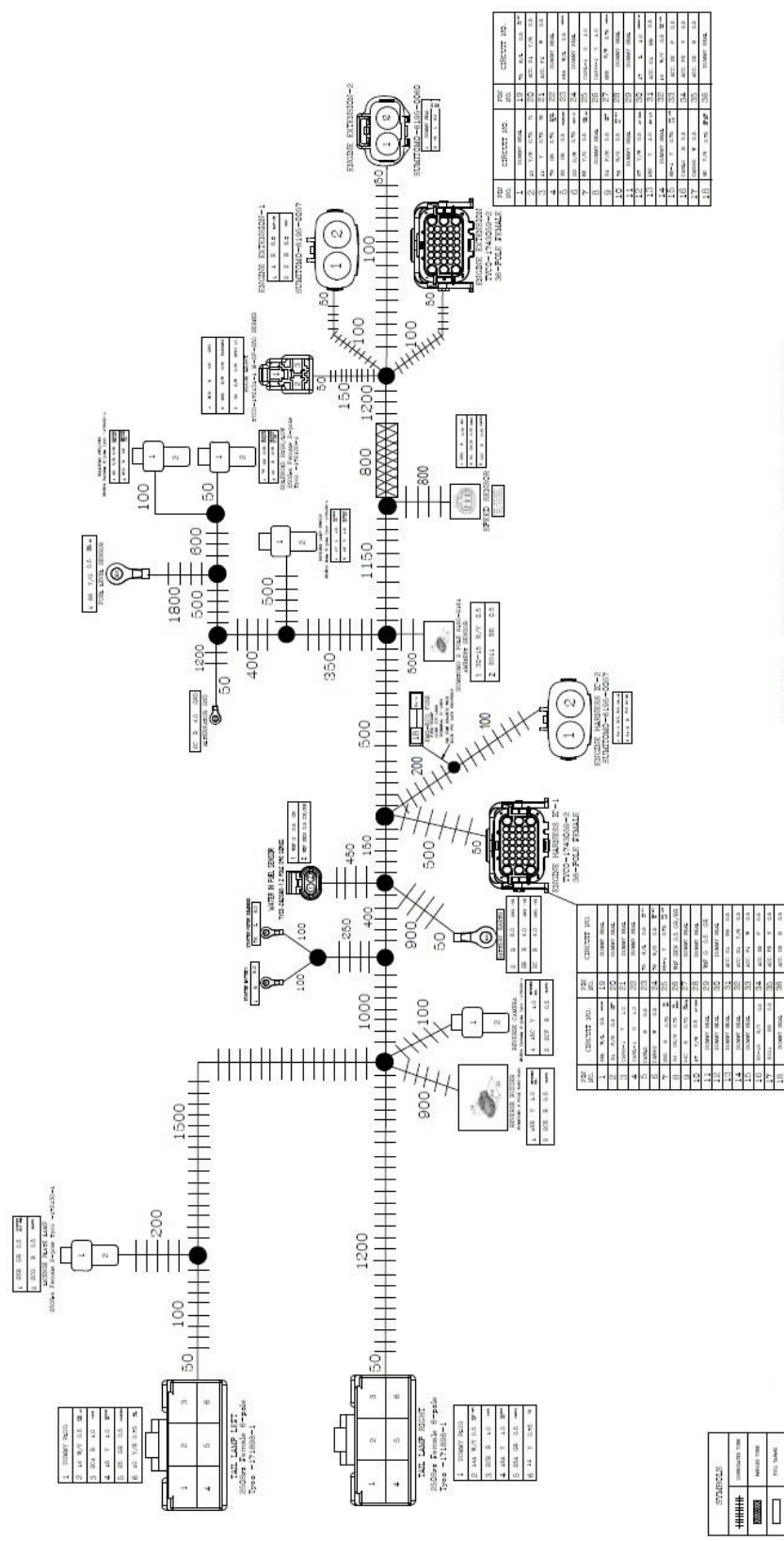
NOTES:-

1. END TAPPING SHOULD BE DONE ON BOTH SIDE OF THE VIB & CORRUGATED TUBE
2. POINT TAPPING TO BE DONE AT EVERY 100MM PITCH ON CUT TUBE
3. 100MM DIA. TUBES TO BE USED FOR TAPPING
4. DIMENSIONS OF DRAWINGS ARE MINIMUM. ALL LENGTH TOLERANCES ARE POSITIVE ONLY
5. SCREWDRIVERS OF HARDNESS IS WITH BLACK FINISH. ALL SCREWS SHOULD COMPLY TO
FEDERAL SPECIFICATION 480. ALL SCREWS TO BE USED SHOULD BE OF 100% ZINC PLATING
6. FINISHING TO GRANT UNLESS OTHERWISE SPECIFIED ON THE DRAWING
7. THE DRAWING IS TO BE CHECKED AND COVERED WITH NON-ADHESIVE BLACK/POLYURETHAN HEATSHIELDING
TUBING.
8. ALL BRANCH DIMENSIONS ARE IN MM
9. COVER ALL SEPARATE TERMINALS WITH NON-ADHESIVE BLACK POLYURETHAN TYPE HEATSHIELDING TUBING.
10. ALL BRANCHES TO BE TAPPED WITH 10MM DIA. TAPPING
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100. ALL BRANCHES TO BE TAPPED WITH 10MM DIA. TAPPING

WELDING JOINT WITH ADHESIVE LINE TEST

0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	1221	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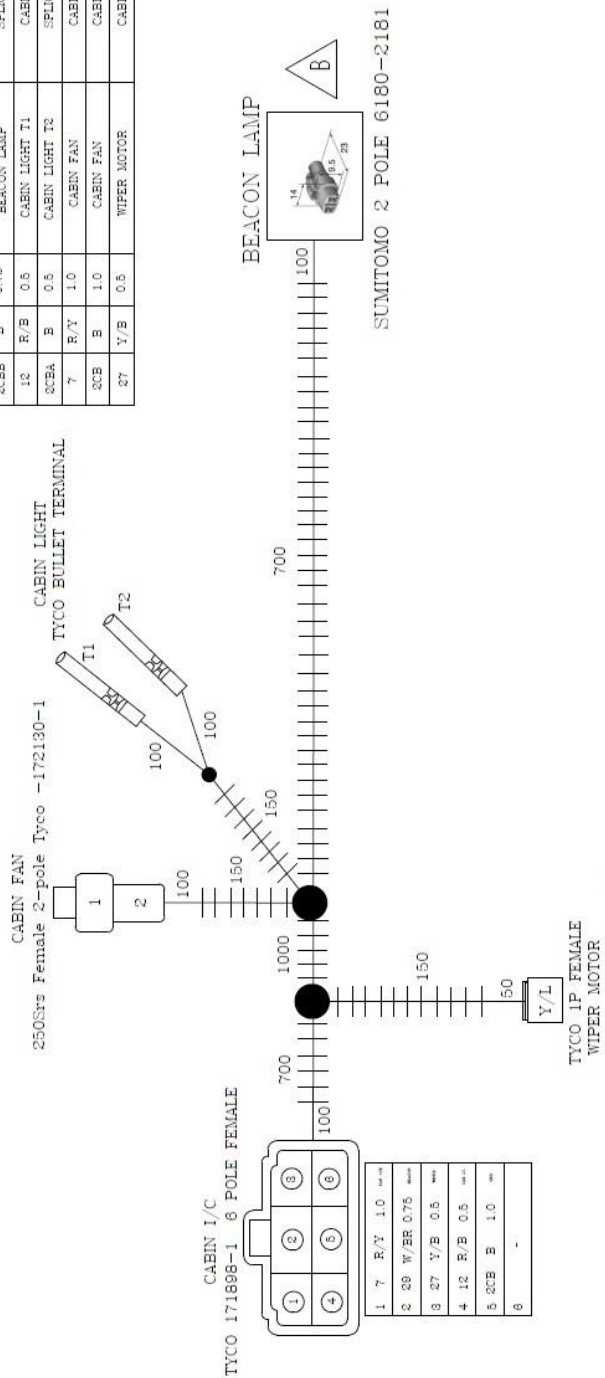
WIRING HARNESS



MATERIAL : ELECTRICAL WIRING HARNESS

WIRING HARNESS

WIRING No.	COLOR	SIZE	FROM	TO	APPLICATION
29	W/BR	0.75	BEACON LAMP	CABIN I/C	
29CB	B	0.75	BEACON LAMP	SPIKE-2CB	
12	R/B	0.5	CABIN LIGHT T1	CABIN I/C	
12CA	B	0.5	CABIN LIGHT T2	SPIKE-2CB	
7	R/Y	1.0	CABIN FAN	CABIN I/C	
27	B	1.0	CABIN FAN	CABIN I/C	
27	Y/B	0.5	WIPER MOTOR	CABIN I/C	

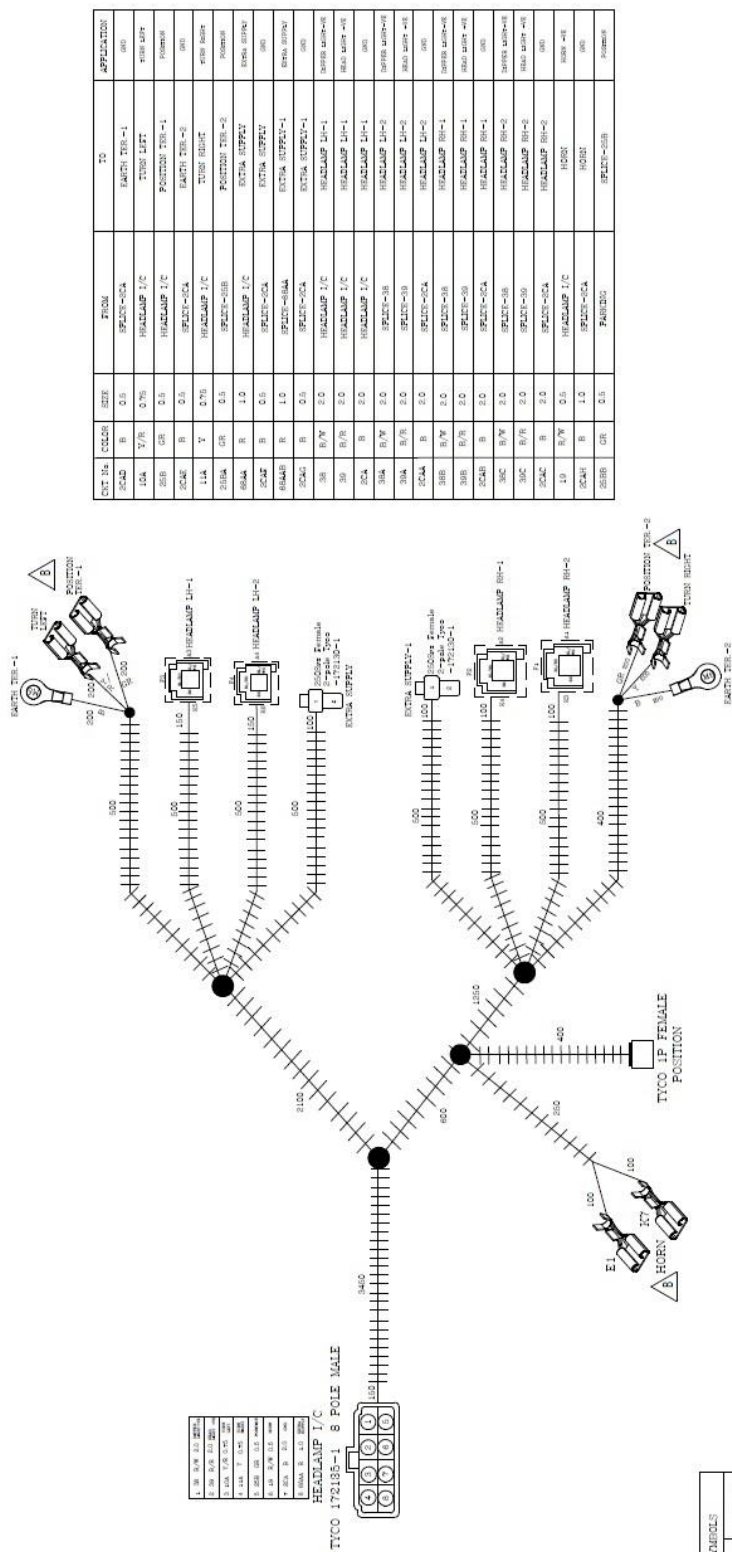


CODE	SYMBOLS
B/L	RED / BLUE
Y/L	YELLOW / BLUE
W/B	WHITE / BLACK
SB	BROWN / BLACK
GR	GREEN
V	VIOLET
LO	LIGHT GREEN
F	PINK
O	ORANGE
L	BLUE
Y	YELLOW
BR	BROWN
R	RED
B	BLACK

SYMBOLS
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TTTTTTTT

MATERIAL : ELECTRICAL WIRING HARNESS

WIRING HARNESS



SYMBOLS	CODE	SYMBOLS
	R/L	RED/WHITE
	Y/L	YELLOW/BLUE
	W/B	WHITE/BLACK
	B/B	BROWN/BLACK
	GRN	GREEN
	V	VIOLET
	LG	LIGHT GREEN
	P	PINK
	G	GREEN
	O	ORANGE
	L	BLUE
	Y	YELLOW
	BRN	BROWN
	R	RED
	B	BLACK

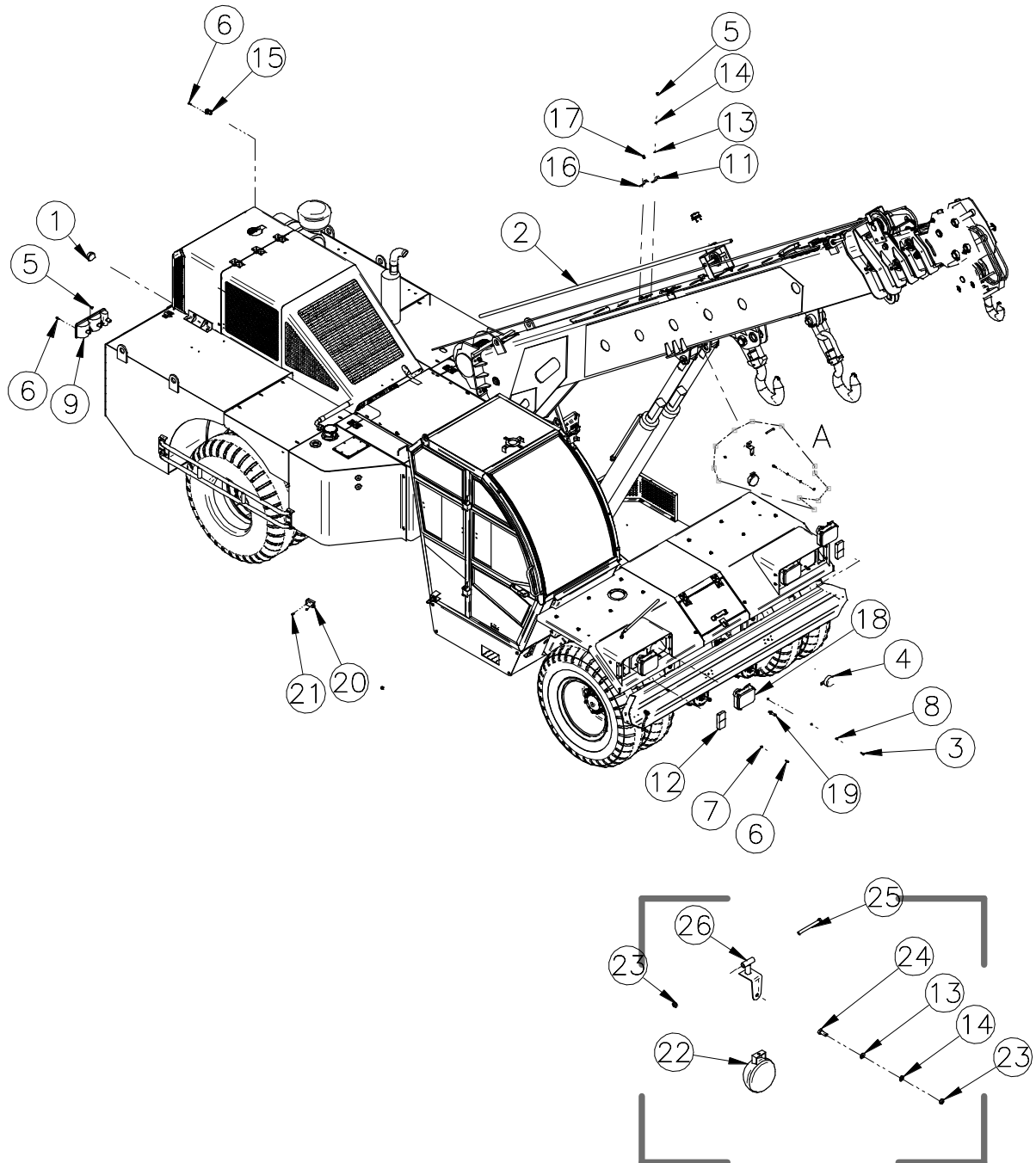
CODE	SYMBOLS
R/L	RED/WHITE
Y/L	YELLOW/BLUE
W/B	WHITE/BLACK
B/B	BROWN/BLACK
GRN	GREEN
V	VIOLET
LG	LIGHT GREEN
P	PINK
G	GREEN
O	ORANGE
L	BLUE
Y	YELLOW
BRN	BROWN
R	RED
B	BLACK

MATERIAL ELECTRICAL WIRING HARNESS

WIRING HARNESS

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101074404700	A	WARNING BUZZOR REVERSE	1	
2	101074406000	A	M.S. CON. PIPE 3/4"	1	10 FEET
3	901540612110	A	CHEESE HEAD SCREW	12	M6x55, Gr - 8.8
4	423584401400	A	HORN ASSLY	1	
5	901500812030	A	SCREW HEX	9	M8x15, Gr - 8.8
6	901500612040	A	SCREW HEX	14	M6x20, Gr - 8.8
7	901600600000	A	WASHER PLAIN	36	M6
8	901200600000	A	HEX NUT M6	16	M6
9	941300001800	A	3-CHAMBER LIGHT (PPI-197X)	2	
10	101074403200	A	BOOM WARNING LIGHT	1	HI-LUX
11	101074406100	A	CLAMP	3	
12	101074402700	A	FRONT INDI.LIGHT	2	
13	901610800000	A	WASHER SPRING	4	M8
14	901600800000	A	WASHER PLAIN	4	M8
15	941400000200	A	NO. PLATE LIGHT	1	
16	101074406200	A	CLAMP	6	
17	901590812040	A	SELF TAPPING SCREW M8x19	6	
18	941100003200	A	HEAD LIGHT (NEOLITE)	4	NEO -800AA
19	943990001600	A	BULB 12V 55/60W	4	
20	101074402410	A	CABIN LED LIGHT-12V	1	
21	101074402420	A	SELF TAPPING SCREW M3x20	2	M3x20
22	101074403100	A	HELOGEN LIGHT	1	
23	901200800000	A	NUT HEX	2	
24	901500812040	A	SCREW HEX M8x20	1	M8x20, Gr - 8.8
25	901100812160	A	BOLT HEX	1	M8x80, Gr - 8.8
26	101221301600	A	BKT.SPOT LIGHT FAB	1	

LIGHT ASSEMBLY



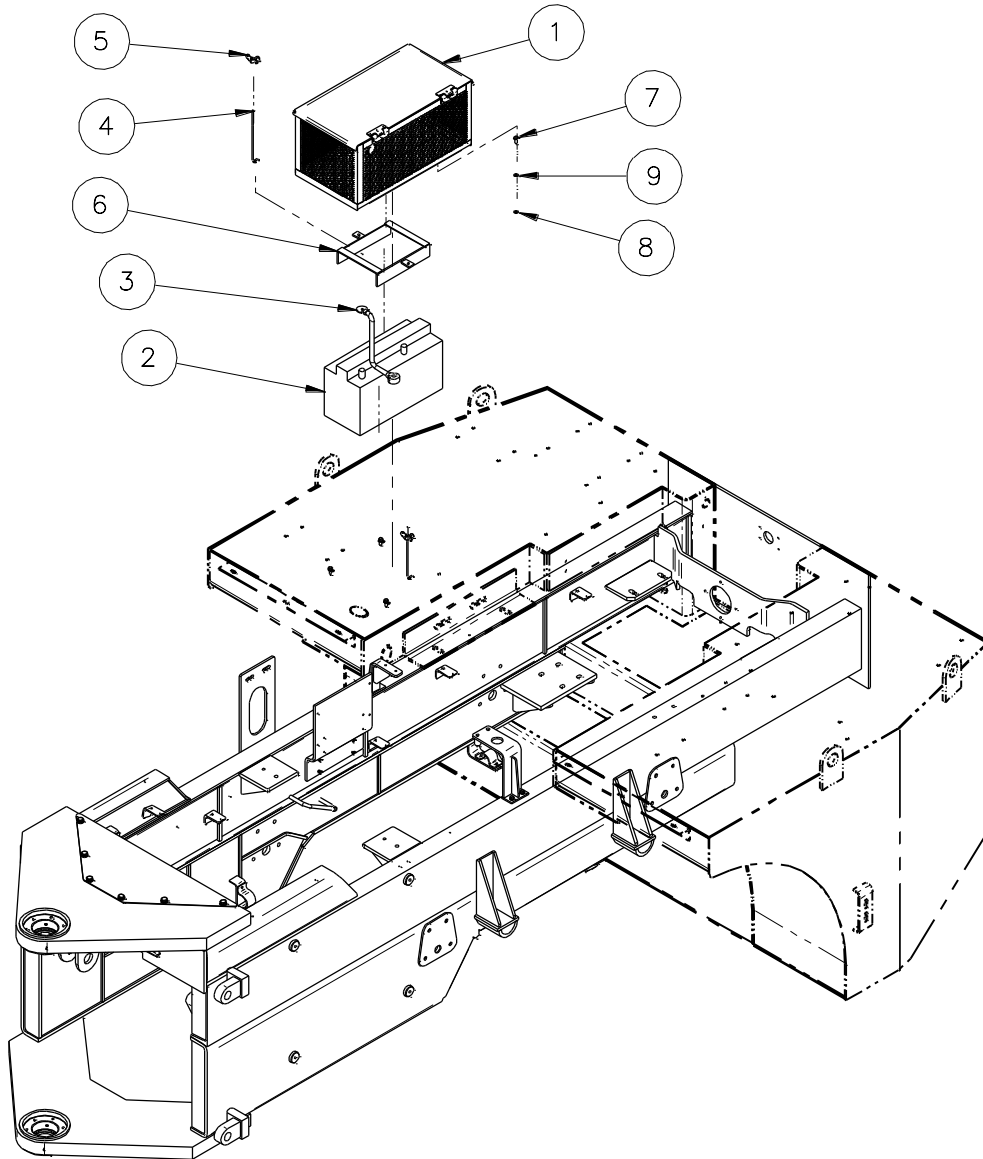
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DETAIL A _____

LIGHT ASSEMBLY

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101074404700	A	WARNING BUZZOR REVERSE	1	
2	101074406000	A	M.S. CON. PIPE 3/4"	1	10 FEET
3	901540612110	A	CHEESE HEAD SCREW	12	M6x55, Gr - 8.8
4	423584401400	A	HORN ASSLY	1	
5	901500812030	A	SCREW HEX	9	M8x15, Gr - 8.8
6	901500612040	A	SCREW HEX	14	M6x20, Gr - 8.8
7	901600600000	A	WASHER PLAIN	36	M6
8	901200600000	A	HEX NUT M6	16	M6
9	941300001800	A	3-CHAMBER LIGHT (PPI-197X)	2	
10	101074403200	A	BOOM WARNING LIGHT	1	HI-LUX
11	101074406100	A	CLAMP	3	
12	101074402700	A	FRONT INDI.LIGHT	2	
13	901610800000	A	WASHER SPRING	4	M8
14	901600800000	A	WASHER PLAIN	4	M8
15	941400000200	A	NO. PLATE LIGHT	1	
16	101074406200	A	CLAMP	6	
17	901590812040	A	SELF TAPPING SCREW M8X19	6	
18	941100003200	A	HEAD LIGHT (NEOLITE)	4	NEO -800AA
19	943990001600	A	BULB 12V_55/60W	4	
20	101074402410	A	CABIN LED LIGHT-12V	1	
21	101074402420	A	SELF TAPPING SCREW M3X20	2	M3X20
22	101074403100	A	HELOGEN LIGHT	1	
23	901200800000	A	NUT HEX	2	
24	901500812040	A	SCREW HEX M8x20	1	M8x20, Gr - 8.8
25	901100812160	A	BOLT HEX	1	M8x80, Gr - 8.8
26	101221301600	A	BKT.SPOT LIGHT FAB	1	

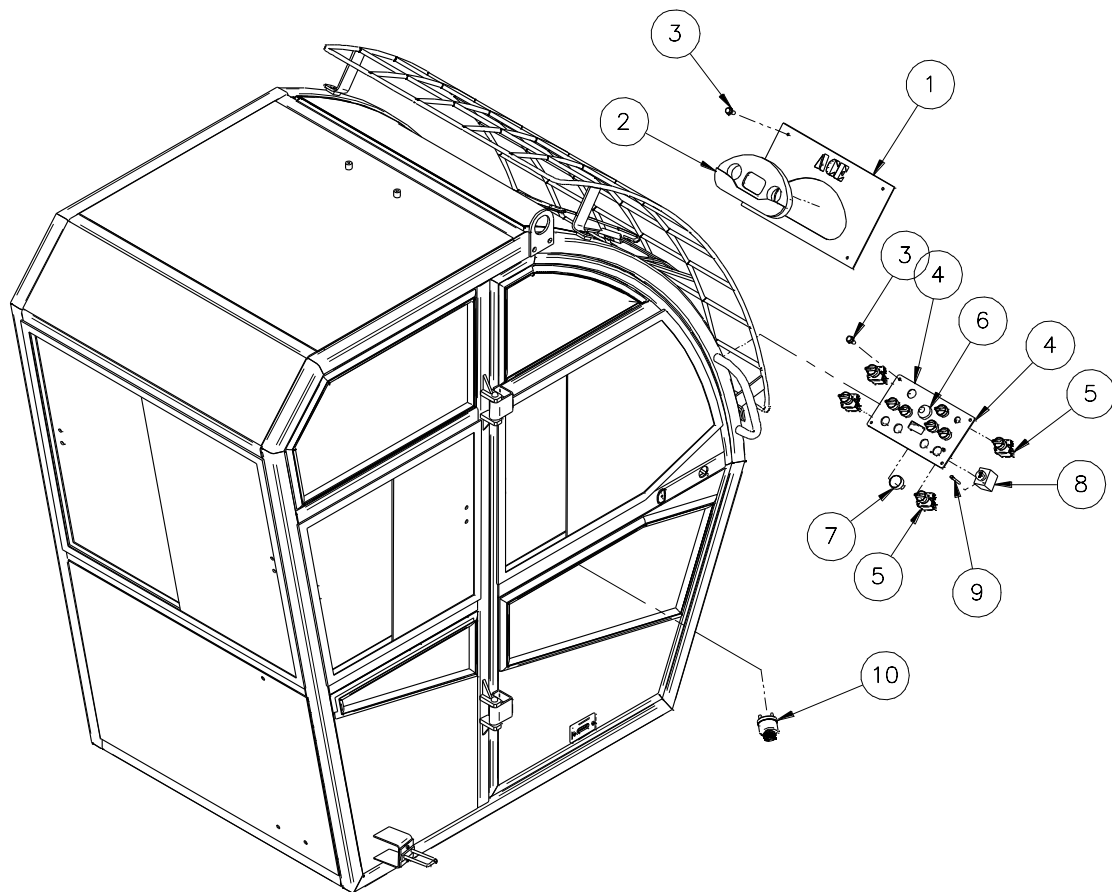
BATTERY



BATTERY

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	102573320400	A	BATTERY FRAME FAB.	1	
2	942100001000	A	BATTERY 100AH	1	100AH MHD 1000 EXIDE
3	101074401600	A	BATTERY LEAD + VE	1	
4	101273420300	A	SCREW ROD	2	
5	901240500000	A	WING NUT (M5)	2	M5
6	102573320500	A	BATTERY FRAME UPPER	1	
7	901500812040	A	SCREW HEX M8x20	4	M8x20, Gr - 8.8
8	901610800000	A	WASHER SPRING	4	M8
9	901600800000	A	WASHER PLAIN	4	M8

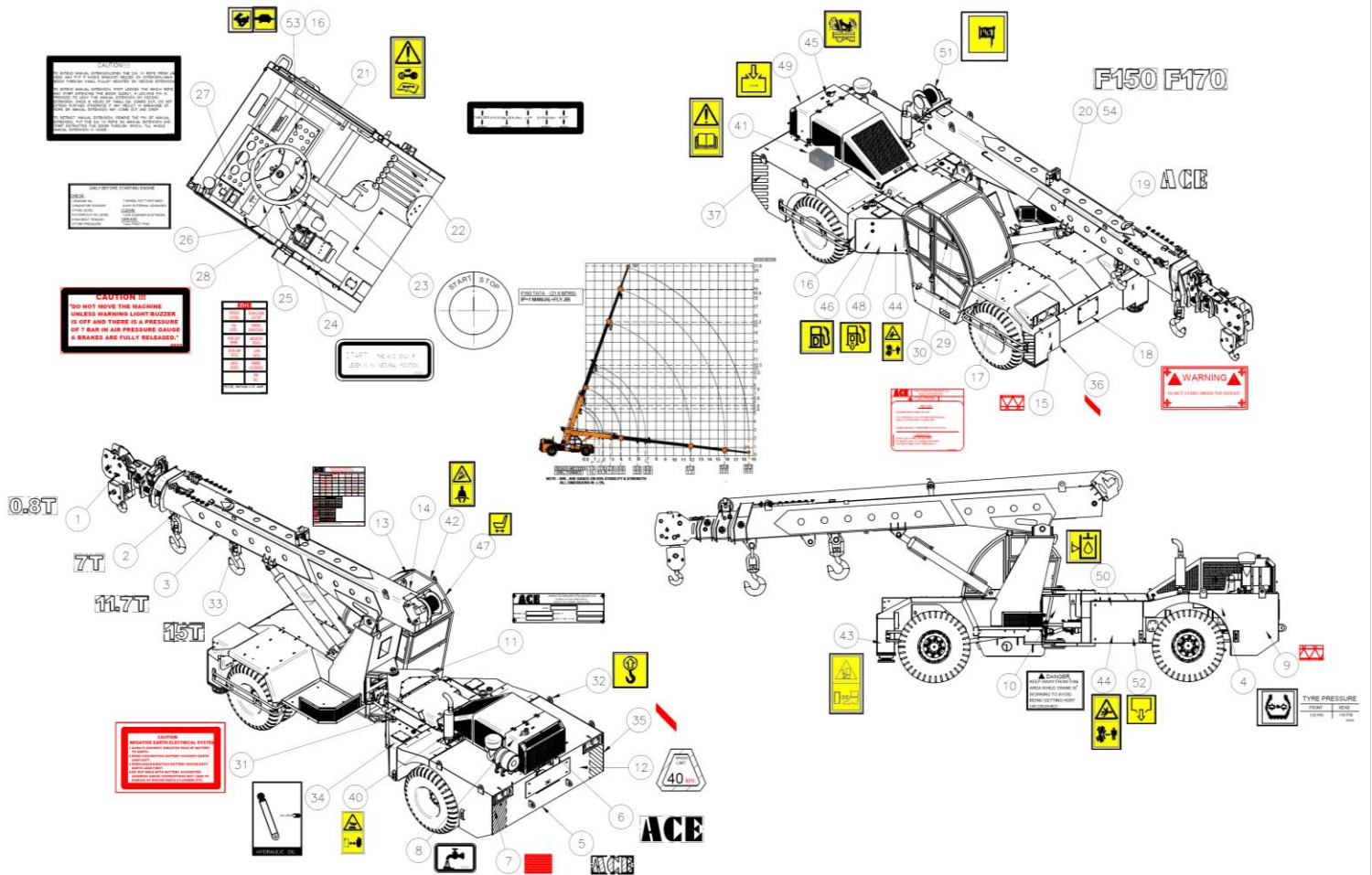
DASHBOARD & INSTRUMENT ASSEMBLY



DASHBOARD & INSTRUMENT ASSEMBLY

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101563469700	A	CLUSTER MTG PLATE	1	
2	944500000900	A	CLUSTER	1	
3	901550812040	A	SCREW FLANGE HEX	8	M8x20, Gr - 8.8
4	102374420000	B	SWITCH PLATE	1	
5	943200000100	A	SWITCH 2P	9	SIRGOMS, ROTORY TYPE, ON-OFF-ON
6	943300001300	A	SWITCH 2P ON-OFF (HAZARD 24V)	1	
7	943300000100	A	HORN SWITCH	1	
8	943500000300	A	STARTER PUSH SWITCH-16XW,FX & AX130	1	SUPPLY WITH SIMPSONS ENGINE
9	901500412080	A	SCREW HEX	2	M4x40; 8.8 Gr
10	943500000400	A	TWO POSITION IGNITION SWITCH -12XW	1	

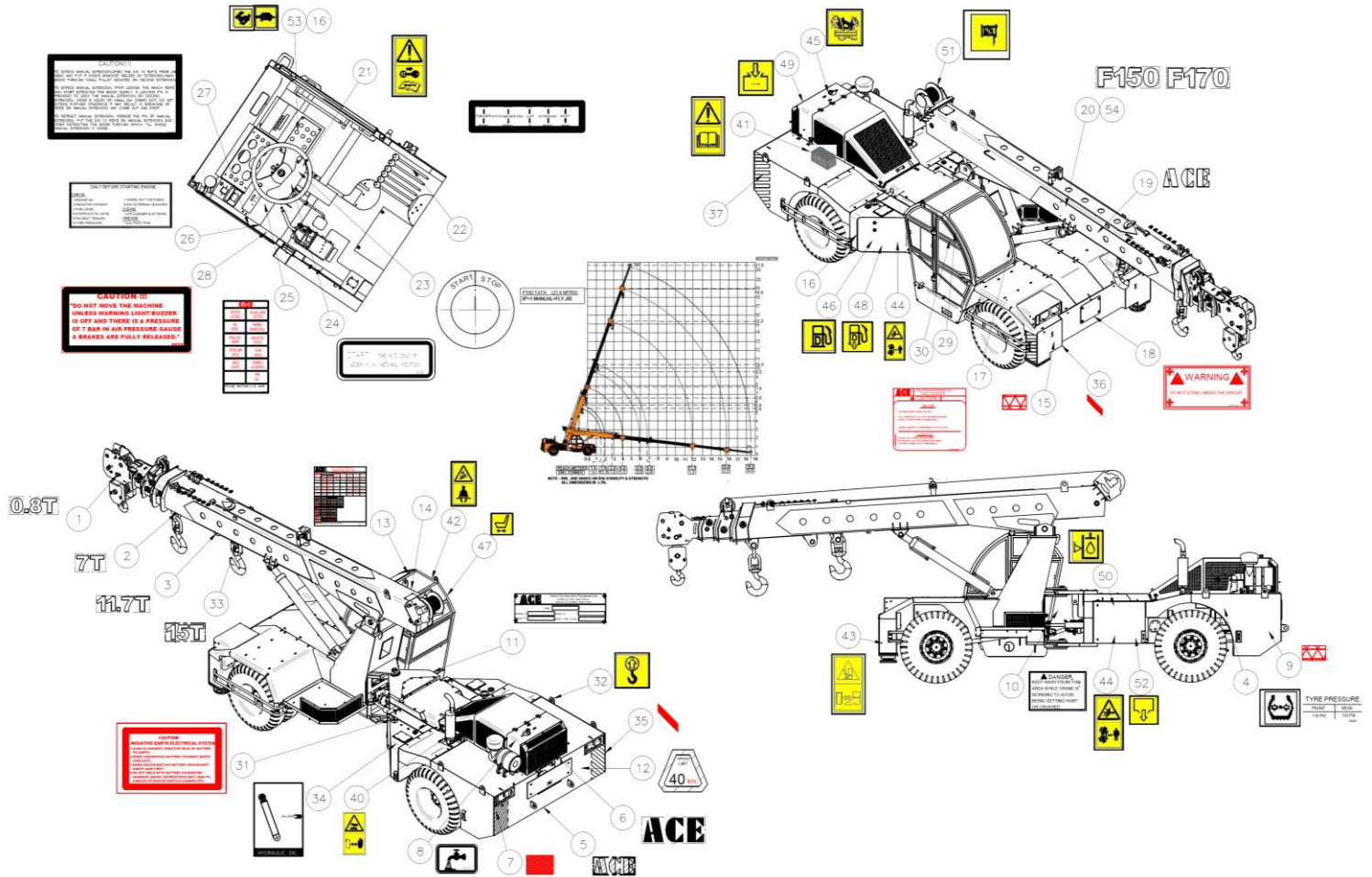
DECALS ASSEMBLY



DECALS ASSEMBLY

S.NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	101592423600	C	STICKER-0.8T	2	
2	101292401000	C	STICKER-7T	2	
3	101592432200	D	STICKER-11.7T	2	
4	101892422200	A	STICKER-TYRE PRESSURE	2	
5	320192402200	B	STICKER-ACE	1	
6	200192402300	B	STICKER-LOGO ACE	1	
7	970700003800	A	STICKER-RECT REFLECTOR RED	2	
8	320192400700	A	STICKER-WATER TANK	1	
9	970700003700	A	RECT REFLECTOR AMBER	6	
10	101392400100	A	STICKER-DANGER	2	ABDS15F11000
11	101292422200	C	STICKER-DATA PLATE	1	
12	101392400400	A	STICKER-SPEED LIMIT	1	ABDS15F04000
13	101592432000	A	STICKER-SERVICE INSTRUCTION	1	
14	101592523500	E	LOAD CHART PLATE F150	1	
15	970700010200	A	STICKER-RECT REFLECTOR WHITE	2	
16	101892422800	A	LOW SPEED STICKER	1	
17	101292420400	A	STICKER-CAUTION	1	
18	101292420100	B	STICKER-WARNING PLATE	1	
19	101292400800	B	STICKER-ACE	2	
20	101592523100	B	STICKER-F-150	2	
21	101892421200	A	STICKER-SHUT OFF	1	
22	101092400800	A	STICKER-CONTROL VALVE AL	1	ABDP08000000
23	101292420900	C	STICKER-START/STOP	1	
24	320192401100	C	STICKER-START WARNING	1	
25	101792420500	A	STICKER-FUSE BOX	1	
26	101292420000	A	STICKER-BEFORE STARTING ENGINE	1	
27	101592420800	C	STICKER-CAUTION	1	
28	101292422700	B	STICKER-CAUTION	1	

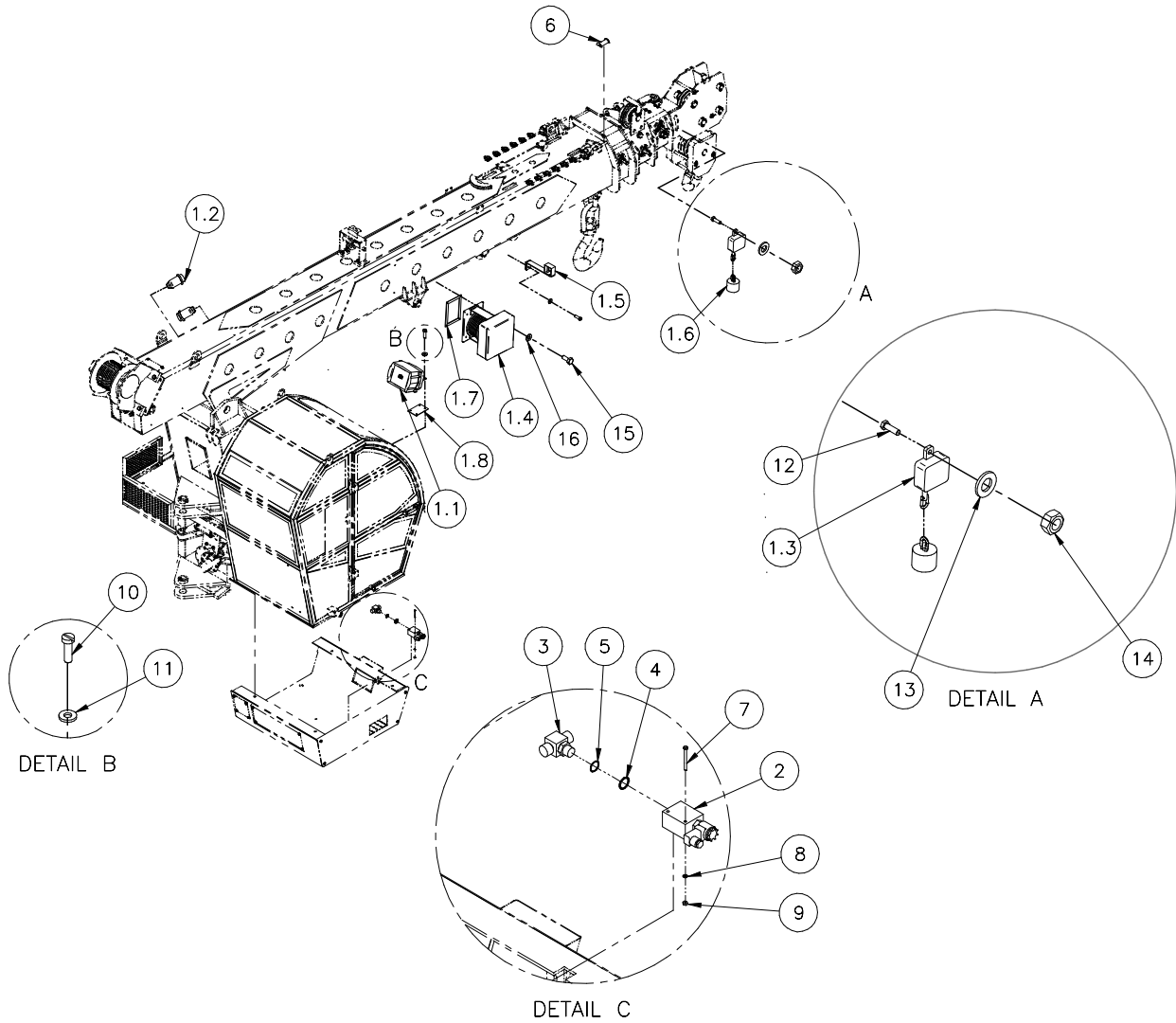
DECALS ASSEMBLY



DECALS ASSEMBLY

S.NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
29	101092401600	A	STICKE- OK	1	ABDS11000000
30	101092401500	A	STICKER-Q. CHECK	1	ABDS15000000
31	101292420600	A	STICKER-CAUTION	1	
32	1018924422400	A	STICKER-LIFTING HOOK	4	
33	101592439000	C	STICKER-15T	2	
34	101092402500	A	STICKER-HYD OIL	1	
35	970700012000	A	REFLEXIVE TAPE "RED"	1	2025MM
36	970700012100	A	REFLEXIVE TAPE "WHITE"	1	2025MM
37	970700012200	A	REFLEXIVE TAPE "ORANGE"	1	2025MM
38	101592525000	A	OPERATOR MANUAL F-150	1	
39	101592524900	A	PARTS CATALOGUE F-150	1	
40	101892421100	A	HOT SURFACE	1	
41	101892422700	A	BATTERY STICKER	1	
42	101892421300	A	SEAT BELT ALERT	1	
43	101892421400	A	CRUSHING OUTRIGGER	1	
44	101892421500	A	CRUSHING STICKER	1	
45	101892421600	A	RADIATOR STICKER	1	
46	101892421700	A	FUEL FILLING STICKER	1	
47	101892421800	A	OPERATOR SEAT STICKER	1	
48	101892421900	A	FUEL DRAIN STICKER	1	
49	101892422000	A	COOLANT FILING STICKER	1	
50	101892422100	A	HYDRAULIC OIL LEVEL STICKER	1	
51	101892422600	A	WINCH STICKER	1	
52	101892422300	A	HYDRAULIC OIL DRAIN STICKER	1	
53	101892422500	A	HI SPEED STICKER	1	
54	101892420700	A	F170 STICKER	1	F170 ONLY

S.L.I. ASSEMBLY



S.L.I. ASSEMBLY

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	943950001200	A	SLI SYSTEM SET	1	CONSISTS ITEM 1.1 to 1.8
1.1	943990011800	A	SLI DISPLAY UNIT	1	
1.2	943950000500	A	PRESSURE TRANSDUCER	2	
1.3	943990012000	A	A2B LIMIT SWITCH	1	
1.4	943990011900	A	LENGTH CUM ANGLE SENSOR	1	
1.5	100975420000	A	ROPE GAURD	2	
1.6	100975419900	A	WEIGHT .BOX	1	
1.7	100975520000	A	MTG.CHANNEL	1	
1.8	100975519900	A	DISPLAY MTG.PLATE	1	
2	929900002000	A	DUMP VALVE (24V)	1	
3	101241422200	A	TEE	2	
4	935020000250	A	O RING	2	20X25mm
5	925082000100	A	DOWTY SEAL	2	3/4"
6	943990019800	A	WEARPAD (DEAD WEIGHT)	2	
7	901100612130	A	BOLT HEX	2	M6X65
8	901610600000	A	SPRING WASHER	2	M6
9	901200600000	A	NUT HEX	2	M6
10	901540512040	A	SLOTTED CHESE HEAD SCREW	8	M5X20
11	901600500000	A	WASHER PLAIN	8	M5
12	901501612100	A	SCREW HEX	1	M16X50,Gr - 8.8
13	901601600000	A	WASHER PLAIN	1	M16
14	901201600000	A	NUT HEX	1	M16
15	901501012050	A	SCREW HEX	4	M10X25,Gr- 8.8
16	901601000000	A	WASHER PLAIN	4	M10

S.L.I. SYSTEM SET



1



2



3



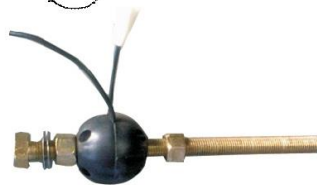
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10



11

S.L.I. SYSTEM SET

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	943990018100	A	KOPS DISPLAY	1	
2	943990018200	A	DISPLAY FLEXIBLE MOUNTING	1	
3	943990018300	A	WELD PLATE	1	
4	943990018400	A	RELAY HARNESS CABLE	1	
5	943990018500	A	LENGTH TRANSDUCER UNIT MODLE:- 20M	1	
6	943990018600	A	LENGTH MOUNTING WELD PLATE	1	
7	943990018700	A	ANCHORING ROD	1	
8	943990018800	A	CABLE GUIDE	3	
9	943990018900	A	PRESSURE SENSOR RANGE 5000PSI	2	
10	943990019000	A	PRESSURE SENSOR ADAPTOR	2	
11	943990019100	A	3 CORE SHIELDED CABLE (PRESSURE SENSOR CABLE)	2	

S.L.I. SYSTEM SET



S.L.I. SYSTEM SET

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
12	943990019200	A	ANTI 2 BLOCK OVER-HOIST LIMIT SWITCH	1	
13	943990019300	A	DEAD WEIGHT WITH 0.8MTR WIRE ROPE	1	
14	943990019400	A	6 CORE SHIELDED CABLE 0.25 SQ. MM (LENGTH CUM ANGLE CABLE) LENGTH- 8 MTR.	1	
15	943990019500	A	RELAY CUT-OFF CABLE LENGTH- 7 MTR	1	

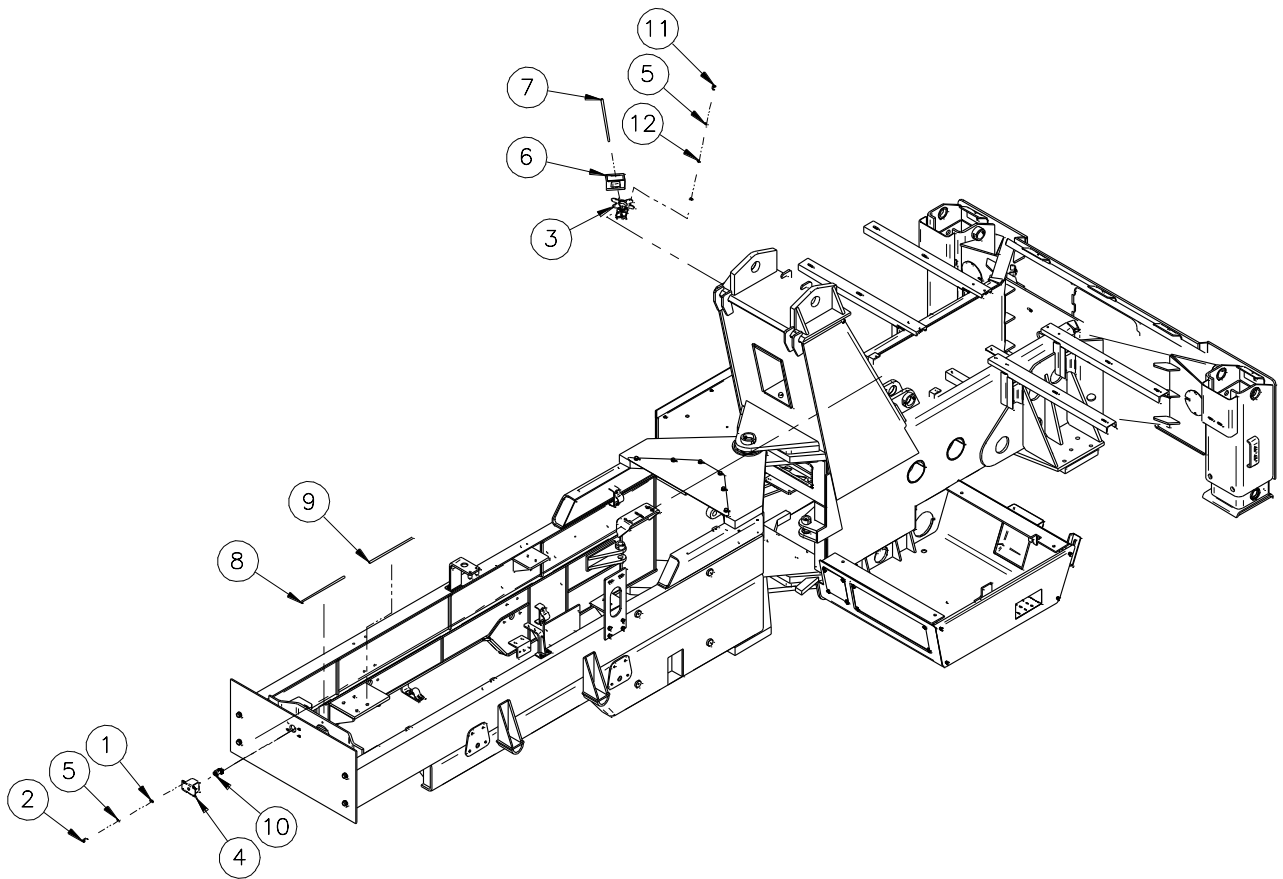
PROXIMITY SENSOR ASSEMBLY



PROXIMITY SENSOR ASSEMBLY

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	943990016800	A	REAR VIEW MIRROR WITH 4 SENSOR (TF990)	1	
2	101563336300	A	PROXIMITY SENSOR MIRROR BKT. FAB	1	
3	901500612040	A	SCREW HEX M6X20-GR-8.8	8	
4	901600600000	A	PLAIN WASHER M6	8	
5	901200600000	A	HEX NUT-M6	8	

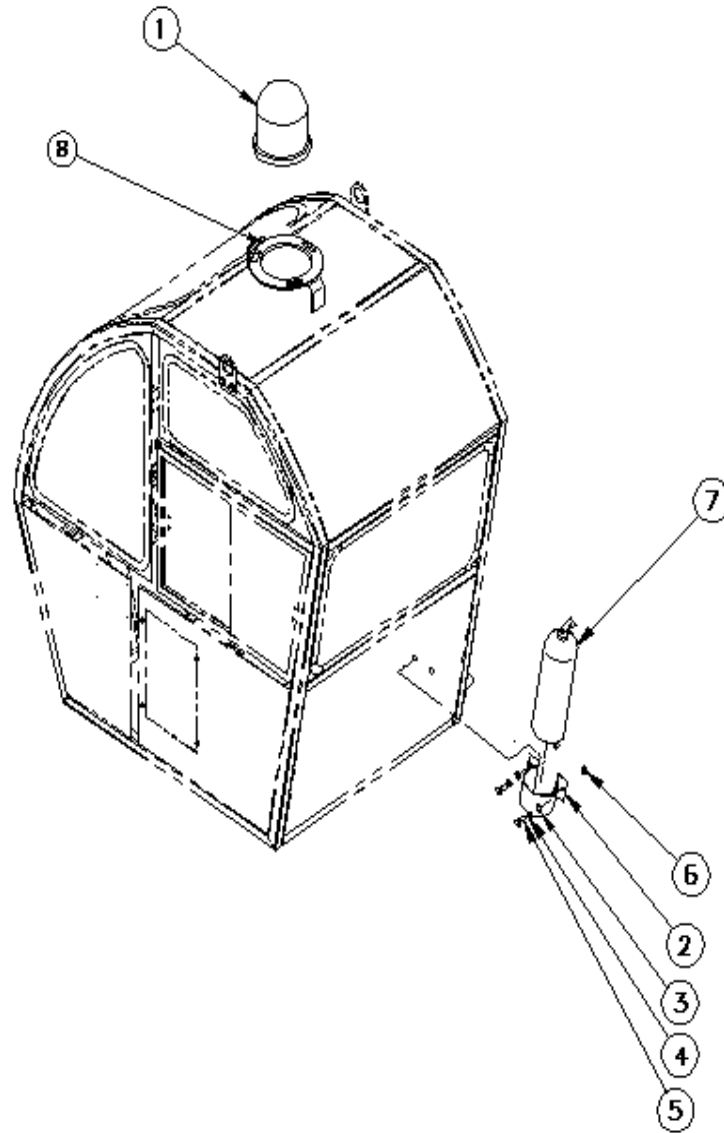
REAR VIEW CAMERA



REAR VIEW CAMERA

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	901200600000	A	HEX NUT M6	6	M6
2	901500612050	A	SCREW HEX	4	M6x25, Gr - 8.8
3	943990011600	A	CAMERA SET INSTALLATION	1	
4	101475319900	A	CAMERA MTG BOX (BAJAJ)	1	
5	901610600000	A	WASHER SPRING	6	M6
6	943990005200	A	DISPLSY (SCREEN)	1	
7	943990005600	A	DISPLAY SUPPLY LEAD	1	
8	943990005500	A	CAMERA SUPPLY LEAD	1	
9	943990005700	A	CAMERA & DISPLAY O/P LEAD-6MTR	1	
10	943990005300	A	REAR VIEW CAMERA	1	
11	901500612040	A	SCREW HEX	2	M6x20, Gr - 8.8
12	901600600000	A	WASHER PLAIN	2	M6

MISCALINIOUS ITEM ASSEMBLY



MISCALINIOUS ITEM ASSEMBLY

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	941500000900	A	REVOLVING LIGHT	1	
2	101563326200	A	EXTINGUISHER MTG BKT FAB	1	
3	901601000000	A	WASHER PLAIN	2	M10
4	901611000000	A	WASHER SPRING	2	M10
5	901501012040	A	SCREW HEX	2	M10X20, Gr-8.8
6	901201000000	A	NUT HEX	2	M10
7	996600009910	A	FIREEXT INGUISHER 2KG	1	
8	101575319900	A	BICON LIGHT MTG FAB	1	

HOSE KIT (STD)

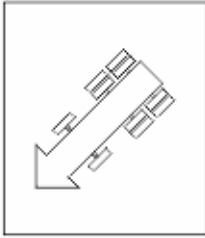
HOSE KIT FOR F150 BS4 76 HP (STD) (PART NO – 101541127200/A)									
SR. NO.	LOCATION	END 1	END 2	HOSE 'A'	HOSE 'B'	MATERIAL	LENGTH	QTY	ACE PART NO.
1	PUMP TO DELIVERY PIPE	1" BSP	1" BSP	ST	90	SAE-100R12	800	1	911207250800
2	DELIVERY PIPE TO STERRING UNIT(P) PORT	1" BSP	1" BSP	ST	90	SAE-100R12	3300	1	911207253300
3	DUMP VALVE/CONTROL VALVE (T) PORT TO RETURN PIPE SET	1" BSP	1" BSP	ST	ST	SAE-100R1AT	2200	1	911001252200
4	STERRING UNIT (T) PORT TO CONTROL VALVE (T) PORT	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2100	5	911202122100
5	STERRING UNIT (L) PORT TO STERRING CYL (LH) BORE END	1/2" BSP	1/2" BSP	90	90	SAE-100R2AT	3800	6	912002123800
6	STERRING UNIT (R) PORT TO STERRING CYL (RH) ROD END	1/2" BSP	1/2" BSP	90	90	SAE-100R2AT	3800	1	912002123800
7	STERRING CYL (LH) ROD END TO STERRING CYL (RH) BORE END	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	650	6	911202120650
8	STERRING CYL (LH) BORE END TO STERRING CYL (RH) ROD END	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	650	1	911202120650
9	CONTROL VALVE LUFF PORT TO LUFF PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2600	2	911202122600
10	CONTROL VALVE LUFF PORT TO LUFF PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2600	1	911202122600
11	LUFF PIPE SET TO COUNTER BALANCE	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	650	1	911202120650
12	LUFF PIPE SET TO COUNTER BALANCE	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	650	1	911202120650
13	COUNTER BALANCE TO U TUBE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	500	5	911202120500
14	CONTROL VALVE WINCH PORT TO WINCH PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2600	1	911202122600
15	CONTROL VALVE WINCH PORT TO WINCH PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2600	1	911202122600
16	EXT PIPE SET TO WINCH	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	500	2	911202120500
17	WINCH TO EXT PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	500	2	911202120500
18	PIPE SET TO EXT PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	1300	1	911202121300
19	PIPE SET TO EXT PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	1300	1	911202121300
20	PIPE SET TO EXT PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	1300	1	911202121300
21	PIPE SET TO EXT PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	1300	1	911202121300
22	WINCH OVERFLOW TO WINCH PIPE SET	1/4" BSP	1/4" BSP	ST	90	SAE-100R2AT	2250	1	911202062250
23	WINCH PIPE SET TO HYD TANK	1/4" BSP	1/4" BSP	BENJO	90	SAE-100R1AT	3100	1	912401063100
24	CONTROL VALVE EXT PORT TO EXT TUBE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2600	1	911202122600
25	CONTROL VALVE EXT PORT TO EXT TUBE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2600	1	911202122600
26	CONTROL VALVE (O/R-LH-A) PORT TO DUEL OPERATED CHECK VALVE-LH (P) PORT	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	650	1	911202120650
27	CONTROL VALVE (O/R-RH-A) PORT TO DUEL OPERATED CHECK VALVE-RH (P) PORT	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	650	1	911202120650
28	DUEL OPERATED CHECK VALVE (T) PORT TO CONTROL VALVE (O/R-LH-B) PORT	1/2" BSP	1/2" BSP	ST	ST	SAE-100R2AT	650	2	911002120650
29	DUEL OPERATED CHECK VALVE (T) PORT TO CONTROL VALVE (O/R-RH-B) PORT	1/2" BSP	1/2" BSP	ST	ST	SAE-100R2AT	650	1	911002120650
30	DUEL OPERATED CHECK VALVE RH (C1) TO RH O/R CYL	1/2" BSP	1/2" BSP	90	90	SAE-100R2AT	3800	1	912002123800
31	DUEL OPERATED CHECK VALVE RH (C2) TO RH O/R CYL	1/2" BSP	1/2" BSP	90	90	SAE-100R2AT	3800	1	912002123800
32	DUEL OPERATED CHECK VALVE LH (C1) TO LH O/R CYL	1/2" BSP	1/2" BSP	90	90	SAE-100R2AT	3800	1	912002123800
33	DUEL OPERATED CHECK VALVE LH (C2) TO LH O/R CYL	1/2" BSP	1/2" BSP	90	90	SAE-100R2AT	3800	1	912002123800
34	RETURN PIPE TO TANK	1" BSP	1" BSP	90	90	SAE-100R1AT	510	1	912001250510
35	STERRING UNIT PORT TO DUMP VALVE (T) PORT	1" BSP	1" BSP	90	90	SAE-100R12	1300	1	911207251300

HOSE KIT (STD)

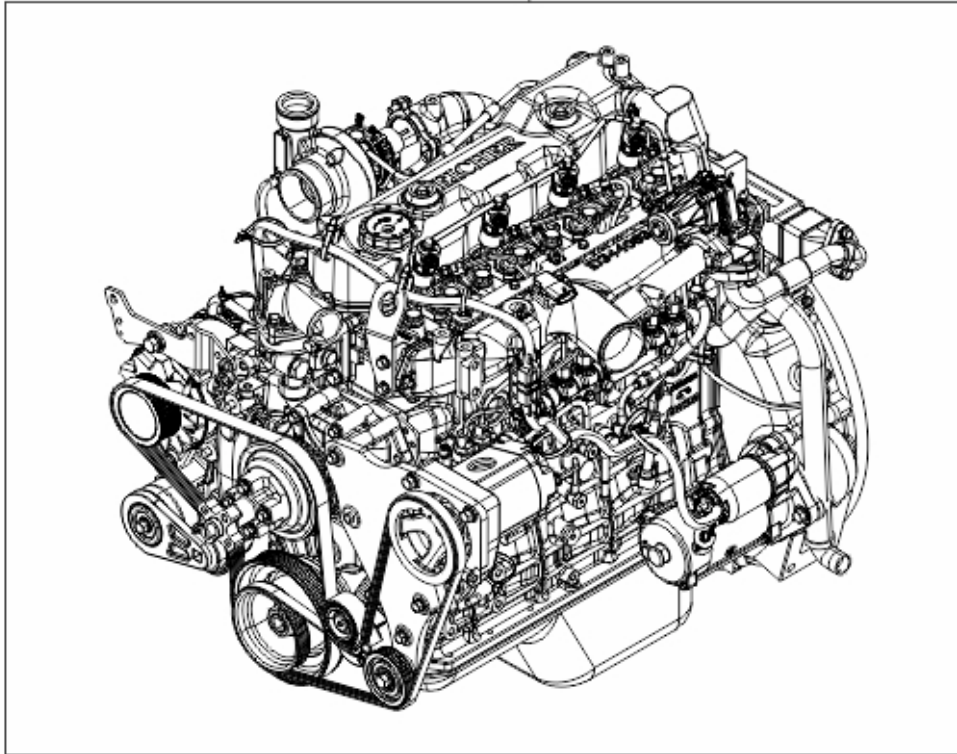
HOSE KIT FOR F150 BS4 76 HP (STD) (PART NO – 101541127200/A)									
SR. NO.	LOCATION	END 1	END 2	HOSE 'A'	HOSE 'B'	MATERIAL	LENGTH	QTY	ACE PART NO.
1	PUMP TO DELIVERY PIPE	1" BSP	1" BSP	ST	90	SAE-100R12	800	1	911207250800
2	DELIVERY PIPE TO STERRING UNIT(P) PORT	1" BSP	1" BSP	ST	90	SAE-100R12	3300	1	911207253300
3	DUMP VALVE/CONTROL VALVE (T) PORT TO RETURN PIPE SET	1" BSP	1" BSP	ST	ST	SAE-100R1AT	2200	1	911001252200
4	STERRING UNIT (T) PORT TO CONTROL VALVE (T) PORT	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2100	5	911202122100
5	STERRING UNIT (L) PORT TO STERRING CYL (LH) BORE END	1/2" BSP	1/2" BSP	90	90	SAE-100R2AT	3800	6	912002123800
6	STERRING UNIT (R) PORT TO STERRING CYL (RH) ROD END	1/2" BSP	1/2" BSP	90	90	SAE-100R2AT	3800	1	912002123800
7	STERRING CYL (LH) ROD END TO STERRING CYL (RH) BORE END	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	650	6	911202120650
8	STERRING CYL (LH) BORE END TO STERRING CYL (RH) ROD END	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	650	1	911202120650
9	CONTROL VALVE LUFF PORT TO LUFF PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2600	2	911202122600
10	CONTROL VALVE LUFF PORT TO LUFF PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2600	1	911202122600
11	LUFF PIPE SET TO COUNTER BALANCE	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	650	1	911202120650
12	LUFF PIPE SET TO COUNTER BALANCE	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	650	1	911202120650
13	COUNTER BALANCE TO U TUBE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	500	5	911202120500
14	CONTROL VALVE WINCH PORT TO WINCH PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2600	1	911202122600
15	CONTROL VALVE WINCH PORT TO WINCH PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2600	1	911202122600
16	EXT PIPE SET TO WINCH	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	500	2	911202120500
17	WINCH TO EXT PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	500	2	911202120500
18	PIPE SET TO EXT PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	1300	1	911202121300
19	PIPE SET TO EXT PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	1300	1	911202121300
20	PIPE SET TO EXT PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	1300	1	911202121300
21	PIPE SET TO EXT PIPE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	1300	1	911202121300
22	WINCH OVERFLOW TO WINCH PIPE SET	1/4" BSP	1/4" BSP	ST	90	SAE-100R2AT	2250	1	911202062250
23	WINCH PIPE SET TO HYD TANK	1/4" BSP	1/4" BSP	BENJO	90	SAE-100R1AT	3100	1	912401063100
24	CONTROL VALVE EXT PORT TO EXT TUBE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2600	1	911202122600
25	CONTROL VALVE EXT PORT TO EXT TUBE SET	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2600	1	911202122600
26	CONTROL VALVE (O/R-LH-A) PORT TO DUEL OPERATED CHECK VALVE-LH (P) PORT	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	650	1	911202120650
27	CONTROL VALVE (O/R-RH-A) PORT TO DUEL OPERATED CHECK VALVE-RH (P) PORT	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	650	1	911202120650
28	DUEL OPERATED CHECK VALVE (T) PORT TO CONTROL VALVE (O/R-LH-B) PORT	1/2" BSP	1/2" BSP	ST	ST	SAE-100R2AT	650	2	911002120650
29	DUEL OPERATED CHECK VALVE (T) PORT TO CONTROL VALVE (O/R-RH-B) PORT	1/2" BSP	1/2" BSP	ST	ST	SAE-100R2AT	650	1	911002120650
30	DUEL OPERATED CHECK VALVE RH (C1) TO RH O/R CYL	1/2" BSP	1/2" BSP	90	90	SAE-100R2AT	3800	1	912002123800
31	DUEL OPERATED CHECK VALVE RH (C2) TO RH O/R CYL	1/2" BSP	1/2" BSP	90	90	SAE-100R2AT	3800	1	912002123800
32	DUEL OPERATED CHECK VALVE LH (C1) TO LH O/R CYL	1/2" BSP	1/2" BSP	90	90	SAE-100R2AT	3800	1	912002123800
33	DUEL OPERATED CHECK VALVE LH (C2) TO LH O/R CYL	1/2" BSP	1/2" BSP	90	90	SAE-100R2AT	3800	1	912002123800
34	RETURN PIPE TO TANK	1" BSP	1" BSP	90	90	SAE-100R1AT	510	1	912001250510
35	STERRING UNIT PORT TO DUMP VALVE (T) PORT	1" BSP	1" BSP	90	90	SAE-100R12	1300	1	911207251300

ENGINE ASSY (74 HP EICHER)

ENGINE ASSY



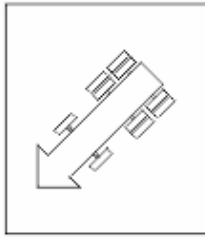
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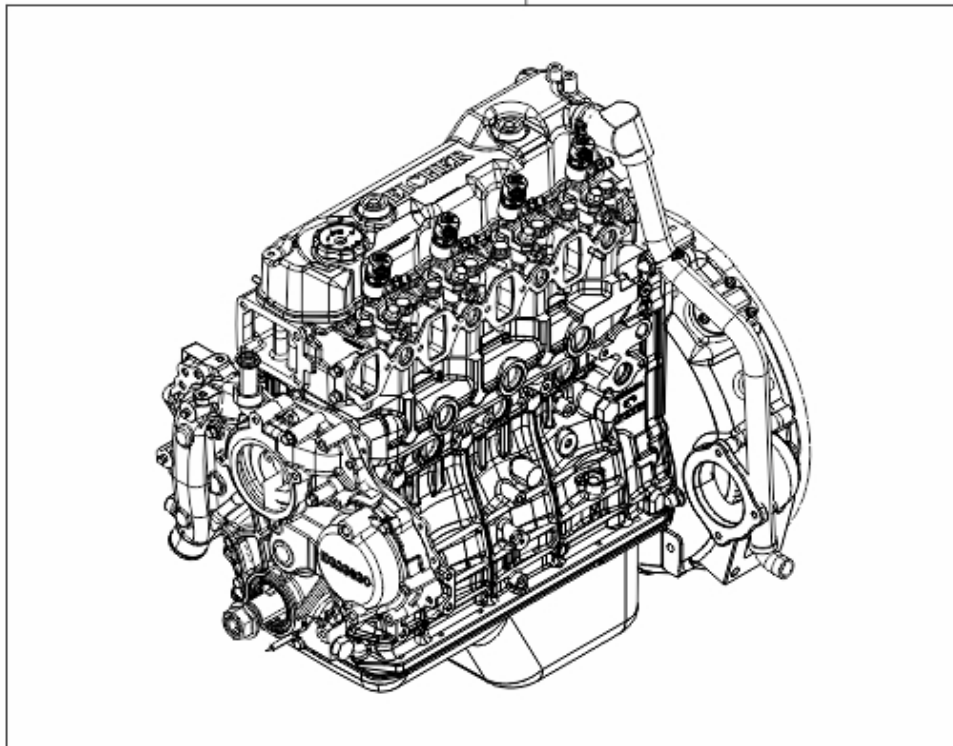
ENGINE ASSY

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590056200	A	E483/CEV4/12V/55KW/ACE/NON AUTO	1	

SKELETON ENGINE



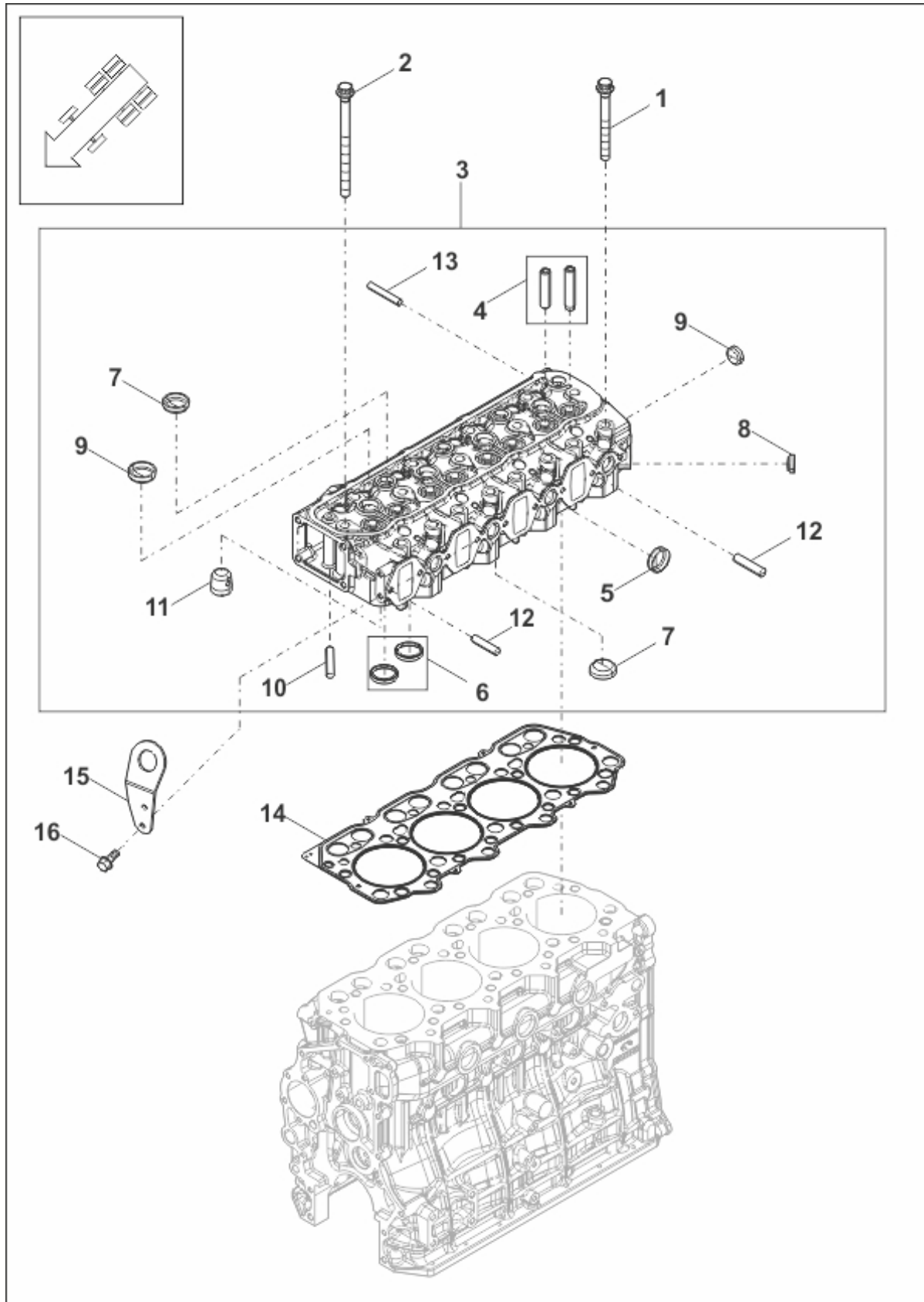
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SKELETON ENGINE

S.NO.	Part No.	REV.	Description	Qty	Remarks
1	931590056300	A	SKELETON ENGINE 483 CEV IV (ACE) 55 kw	1	

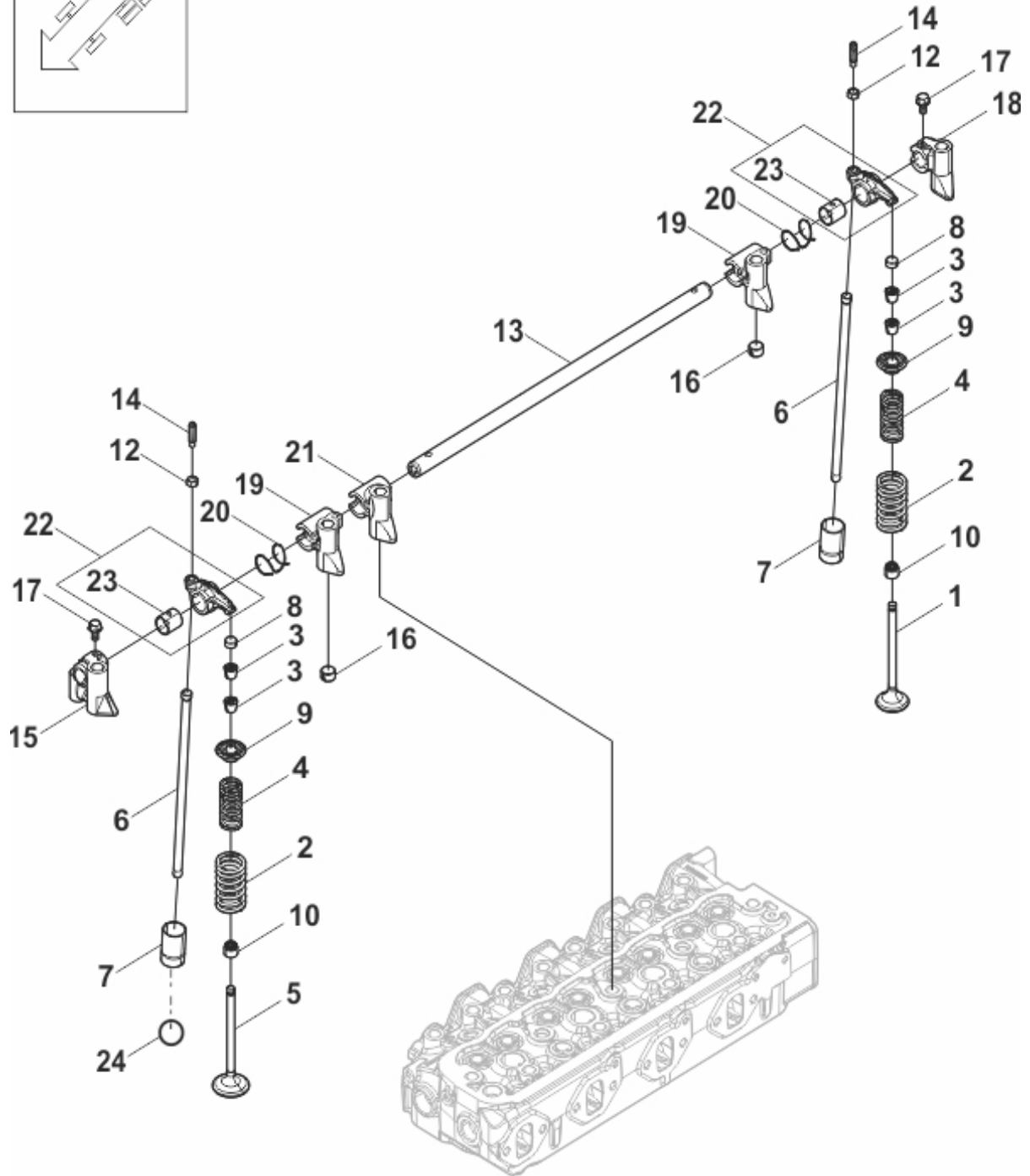
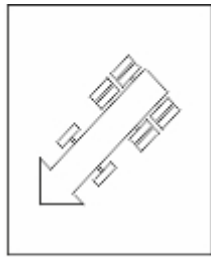
CYLINDER HEAD



CYLINDER HEAD

S.NO.	Part No.	REV.	Description	Qty	Remarks
1	931590056400	A	BOLT,CYLINDER HEAD (14x122)	12	
2	931590056500	A	BOLT,CYLINDER HEAD (14x180)	5	
3	931590056600	A	CYLINDER HEAD ASSEMBLY	1	
4	931590056700	A	GUIDE VALVE SET KIT	1	
5	931590056800	A	CAP SEALING (25)	4	
6	931590056900	A	VALVE SEAT SET E483	1	
7	931590057000	A	CAP SEALING (22)	7	
8	931590057100	A	CAP SEALING (D14)	4	
9	931590057200	A	CAP SEALING (28)	5	
10	931590016900	A	STUD	1	
11	931590057300	A	DIRECTOR, CYLINDER HEAD	1	
12	931590057400	A	STUD TC MOUNTING (8 X1.25)	4	
13	931590057500	A	STUD, CYLINDER HEAD (M10 X1.5) - 4TC	6	
14	931590042500	A	GASKET CYLINDER HEAD	1	POS 14 are alternate to each other
14	931590033300	A	GASKET CYLINDER HEAD	1	POS 14 are alternate to each other
15	931590057600	A	PLATE HANGER	1	
16	931590009700	A	BOLT M8x1.25x20	2	

VALVE TRAIN

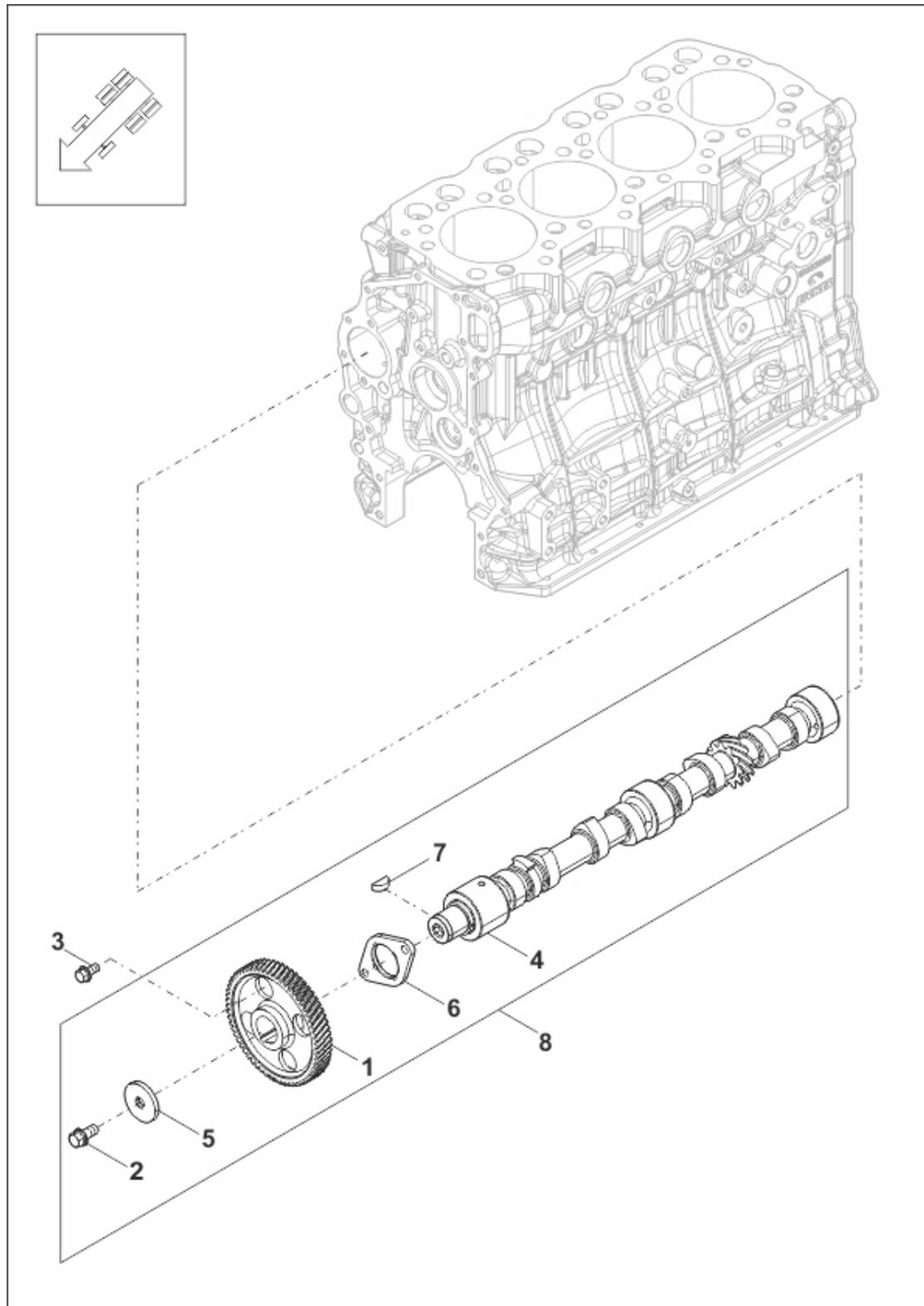


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VALVE TRAIN

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590000900	A	VALVE,EXHAUST	4	
2	931590001000	A	SPRING VALVE OUTER	8	
3	931590001100	A	LOCK,VALVE SPRING RETAINER	16	
4	931590001200	A	SPRING VALVE INNER	8	
5	931590001300	A	VALVE INLET	4	
6	931590001400	A	PUSH ROD ASSY	8	
7	931590001500	A	TAPPET	8	
8	931590001600	A	CAP VALVE GEAR TRAIN	8	
9	931590001700	A	RETAINER UPPER,VALVE SPRING	8	
10	931590001800	A	SEAL, VALVE STEM	8	
11	931590001900	A	SHAFT ASSY,ROCKER	1	
12	931590057700	A	NUT, ROCKER SHAFT	8	
13	931590002100	A	SHAFT ASSY,ROCKER	1	
14	931590002200	A	SCREW ADJUSTING 8X32	8	
15	931590002300	A	BRACKET,ROCKER SHAFT FR.	1	
16	931590002400	A	PIN SPRING 17X1	2	
17	931590002500	A	BOLT M6x1.0x12	2	
18	931590002600	A	BRACKET ROCKER SHAFT RR	1	
19	931590002700	A	BRACKET,ROCKER SHAFT 2&4	2	
20	931590002800	A	SPRING ROCKER SHAFT	4	
21	931590002900	A	BRACKET,ROCKER SHAFT 3	1	
22	931590003000	A	ROCKER ARM ASSY, INL & EXH	8	
23	931590003100	A	BUSHING, ROCKER	1	
24	931590057800	A	BALL, STEEL	1	

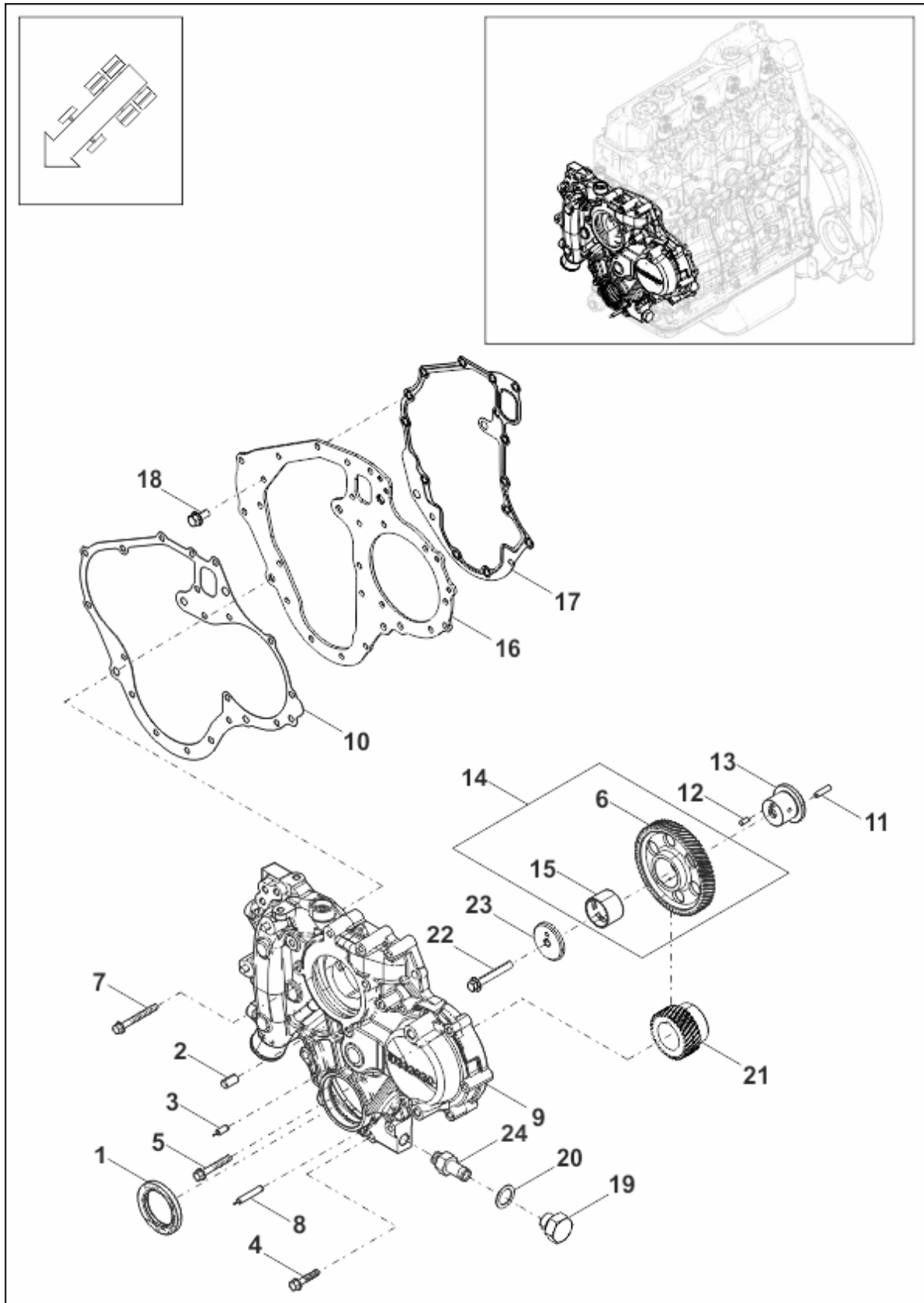
CAM SHAFT



CAM SHAFT

S.NO	Part No.	Rev.	Description	Qty	Remarks
1	931590003200	A	GEAR CAMSHAFT - HCV	1	
2	931590003300	A	BOLT FLANGE (10X1.25X20) 8	1	
3	931590008400	A	FLANGE SCREW	1	
4	931590003500	A	CAMSHAFT (11.10 TCI EURO-III)	1	
5	931590003600	A	WASHER,TIMING GEAR TRAIN	1	
6	931590003700	A	PLATE THRUST	1	
7	931590003800	A	WOODRUFF KEY (7X22)	1	
8	NLS	A	CAMSHAFT SUB ASSYE483 BS IV	1	

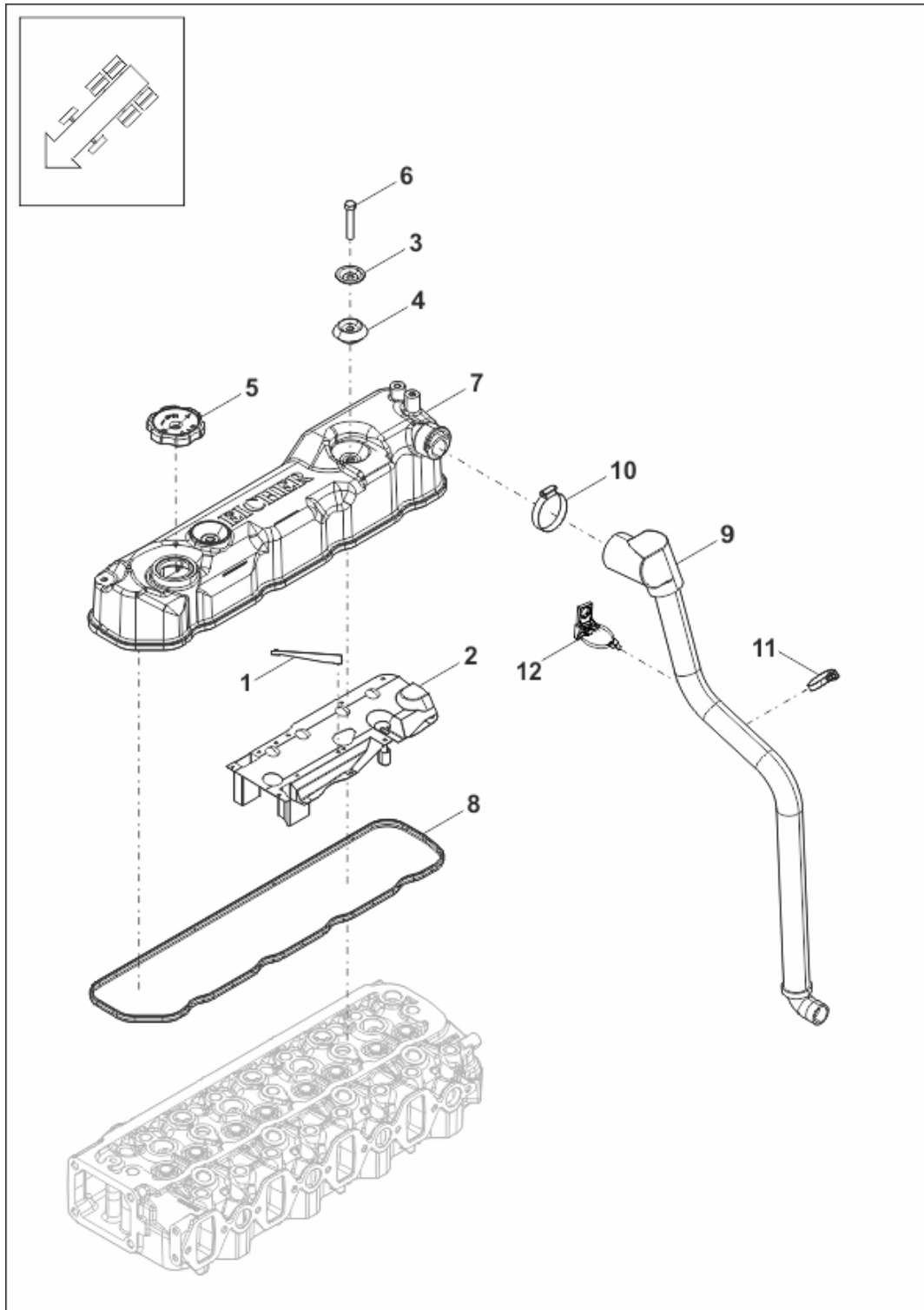
GEAR TRAIN HOUSING



GEAR TRAIN HOUSING

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590003900	A	OIL SEAL FRONT	1	
2	931590004000	A	PIN, DOWEL (12X24)	1	
3	931590004100	A	POINTER	1	
4	931590004200	A	BOLT FLANGE (M8X1.25X40) 7	7	
5	931590022700	A	BOLT FLANGE(M8X1.25X55) 7T	1	
6	NLS	A	GEAR, IDLER	1	
7	931590004500	A	BOLT FLANGE (8X1.25X70) 7T	2	
8	931590004600	A	POINTER	1	
9	931590004700	A	CASE TIMING GEAR	1	
10	931590004800	A	GASKET TIMING GEAR CASE	1	
11	931590004900	A	PIN SPRING (5X20)	1	
12	931590005000	A	PIN DOWEL	1	
13	931590005100	A	SHAFT IDLER	1	
14	931590005200	A	GEAR ASSY, IDLER (LCV)	1	
15	931590005300	A	BUSHING, IDLER GEAR	1	
16	931590005400	A	PLATE FRONT	1	
17	931590005500	A	GASKET FRONT PLATE	1	
18	931590008400	A	FLANGE SCREW	4	
19	931590005700	A	PLUG, SWITCH INTERLOCK (CABIN A.C.)	1	
20	931590005800	A	GASKET DIA.18	1	
21	931590005900	A	ID200730, GEAR CRANK SHAFT - HCV	1	
22	931590006000	A	BOLT FLANGE (10X68), TIMING GEAR TRAIN	1	
23	931590006100	A	WASHER I.D. - AVL	1	
24	931590058100	A	ADAPTER OIL OUTLET COMP (MCV)	1	

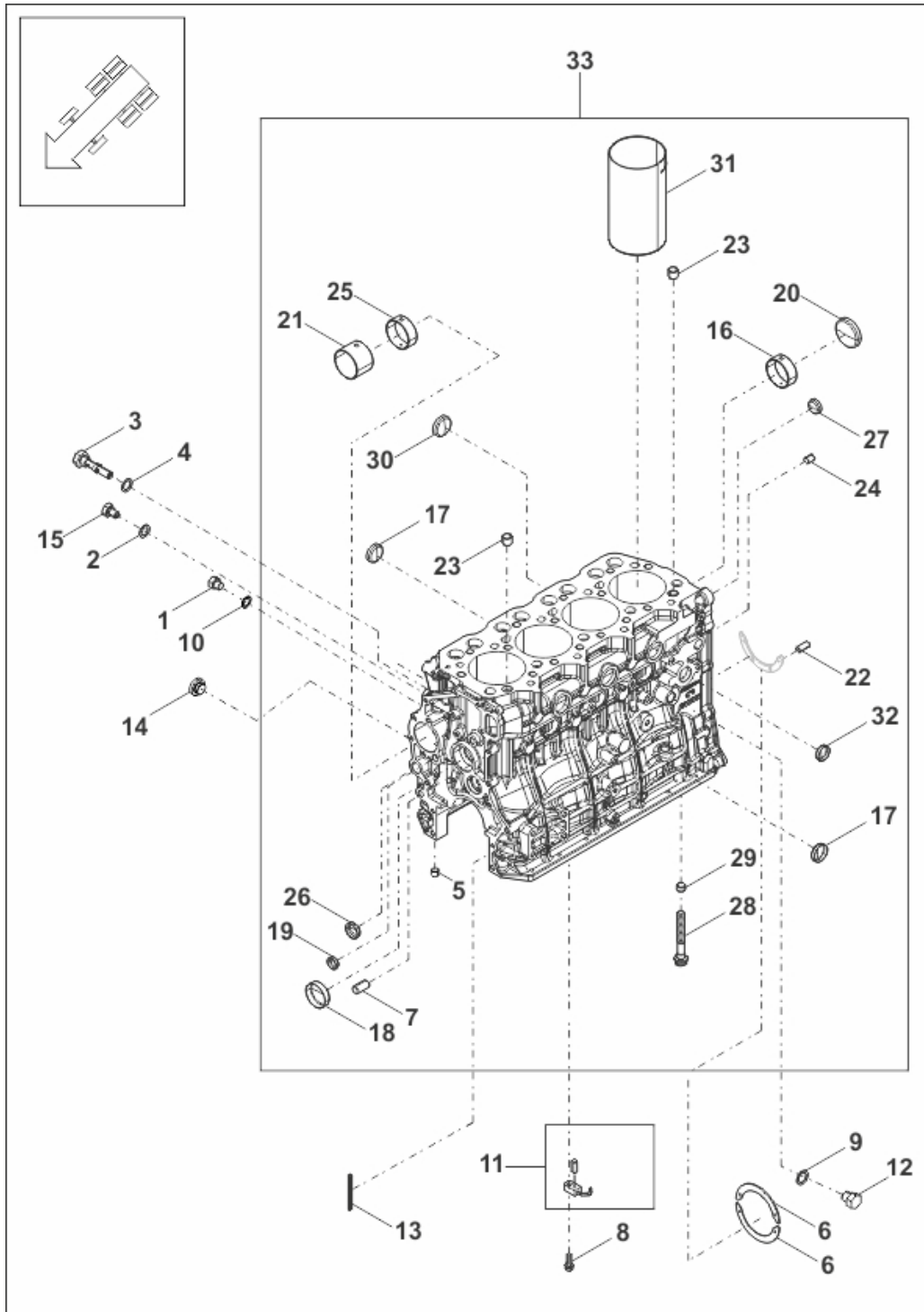
ROCKER COVER



ROCKER COVER

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590006200	A	ELEMENT	1	
2	931590006300	A	PLATE COVER	1	
3	931590006400	A	WASHER ROCKER COVER BOLT	2	
4	931590006500	A	RUBBER SEAL, ROCKER COVER BOLT	2	
5	931590006600	A	CAP OIL FILLER	1	
6	931590006700	A	HEX BOLT 8 X 1.25 X 45 (7T	2	
7	931590006800	A	ROCKER COVER ASSY	1	
8	931590006900	A	GASKET, ROCKER COVER	1	
9	931590007000	A	HOSE ENGINE BREATHER (L=604)	1	
10	931590007100	A	HOSE CLAMP	1	
11	931590007200	A	949902 CABLE BAND (L-150)	1	
12	931590007300	A	CABLE TIE CABLE TIE	1	

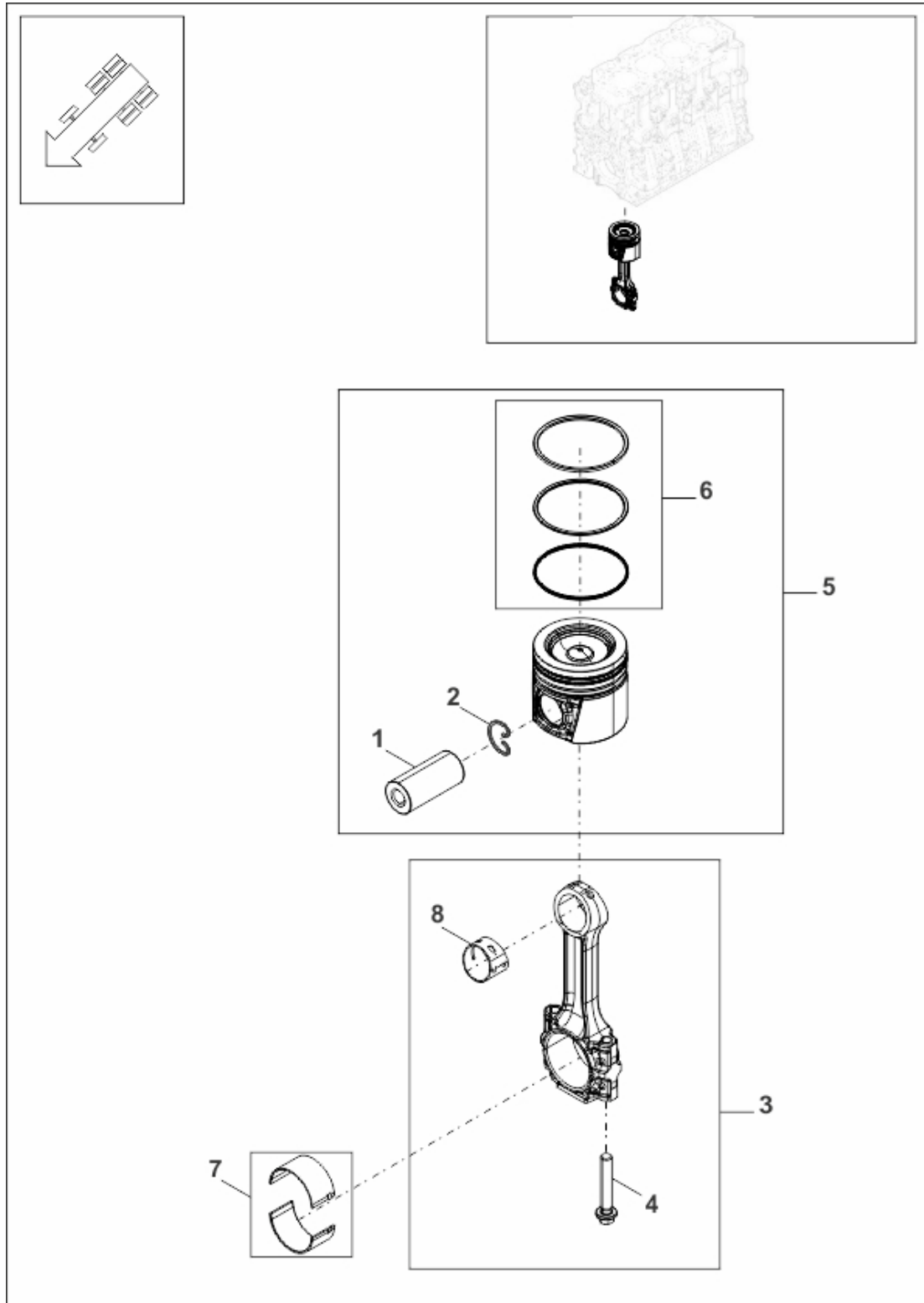
CYLINDER BLOCK



CYLINDER BLOCK

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590052400	A	BOLT,PLUG	2	
2	931590010100	A	GASKET (10)	2	
3	931590058200	A	ASSY.,OIL JET CHECK VALVE	1	
4	931590005800	A	GASKET DIA.18	1	
5	931590058300	A	PLUG	1	
6	931590058400	A	PLATE THRUST (STD)	3	
7	931590004000	A	PIN, DOWEL (12X24)	1	
8	931590012800	A	BOLT M8x1.25x25	4	
9	931590011900	A	GASKET (20)	1	
10	931590016700	A	GASKET, FUEL FILTER	2	
11	931590058500	A	ASSY., PISTON COOLING JET	4	
12	931590030200	A	PLUG DRAI 20	1	
13	931590058600	A	SEAL SIDE	4	
14	931590058700	A	PLUG, HEATER PIPE (MCV)	1	
15	931590058800	A	SCREW SET	2	
16	931590058900	A	BUSHING CAMSHAFTNO.4 SEMI SIZE	1	
17	931590059000	A	CAP SEALING (D35)	7	
18	931590059100	A	CAP SEALING (D50)	2	
19	931590057100	A	CAP SEALING (D14)	2	
20	931590059200	A	CAP SEALING (57)	1	
21	931590059300	A	BUSH CAMSHAFT NO. 1	1	
22	931590059400	A	PIN SPRING (4X10)	6	
23	931590059500	A	TUBULAR DOWEL (E483)	2	
24	931590059600	A	PIN, DOWEL (12X17)	2	
25	931590059700	A	BUSHING CAM SHAFT	1	
26	931590057000	A	CAP SEALING (22)	2	
27	931590057200	A	CAP SEALING (28)	1	
28	931590059800	A	BOLT, MAIN CAP (9T)	10	
29	931590059900	A	PIN DOWEL	4	
30	931590060000	A	CAP SEALING (40)	2	
31	931590060100	A	SLEEVE CYLINDER STD	4	
32	931590060200	A	CAP SEALING (30)	1	
33	931590060300	A	CRANKCASE ASSEMBLY	1	

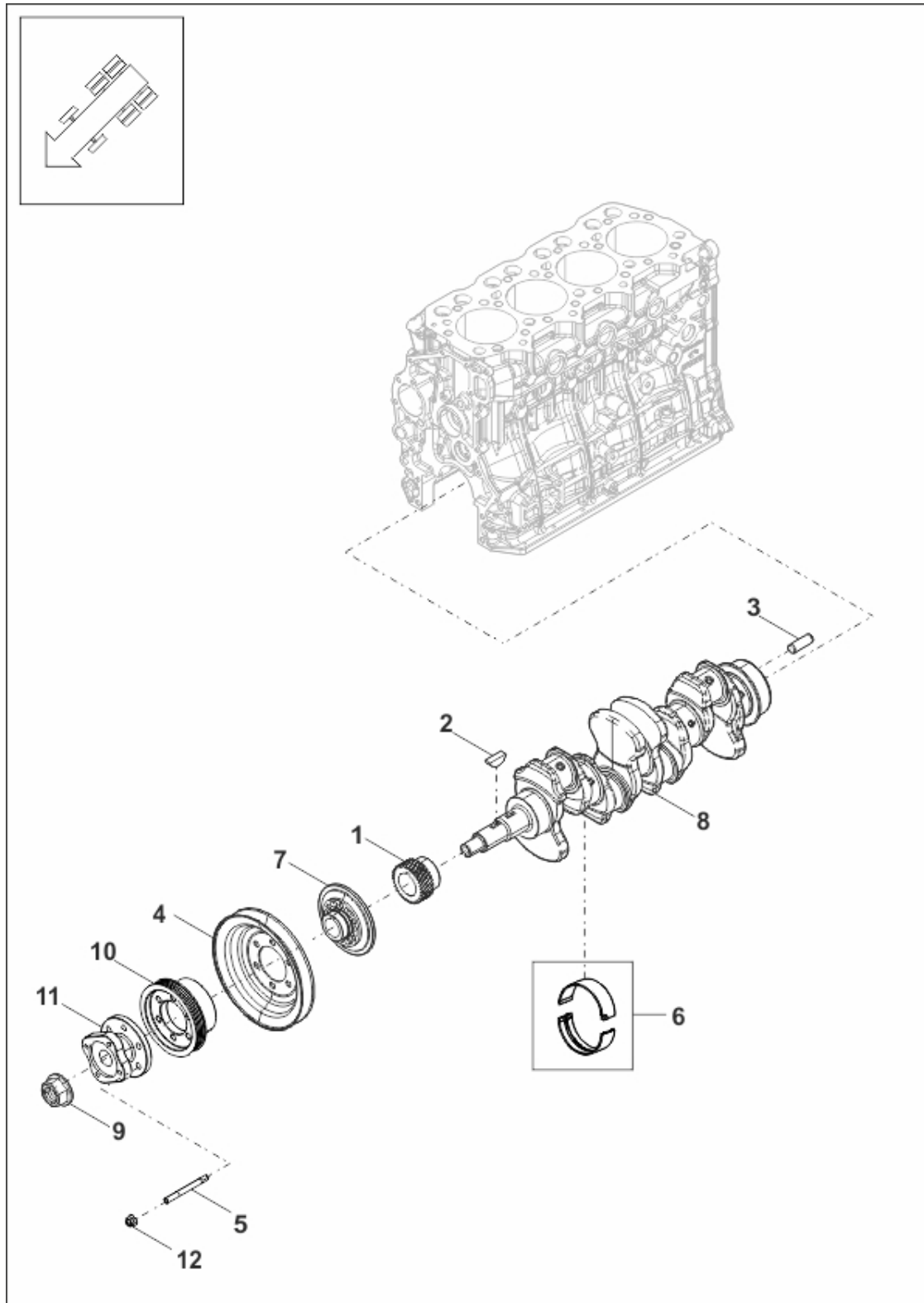
PISTON & CONNECTING ROD



PISTON & CONNECTING ROD

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590060400	A	PISTON PIN (11.10 TCI COMM RAIL EUROIII)	1	
2	931590060500	A	SNAP RING PISTON PIN	2	
3	931590060600	A	CONNECTING ROD ASSEMBLY	4	
4	931590060700	A	BOLT, CONNECTING ROD	2	
5	931590060800	A	KIT PISTON ASSY & RINGS (ONE CYL.)	1	For Single Piston Unit
6	931590060900	A	KIT PISTON RINGS (ONE CYL.)	1	For Single Piston Unit
7	931590061000	A	SET BEARING CONNECTING ROD STD	1	Includes 4 qty. of each bearing
7	931590061100	A	SET BEARING CONNECTING ROD 0.25 U/S	1	Includes 4 qty. of each bearing
7	931590061200	A	SET BEARING CONNECTING ROD 0.5 U/S	1	Includes 4 qty. of each bearing
7	NLS	A	SET BEARING CONNECTING ROD 0.75 U/S	1	Includes 4 qty. of each bearing
7	NLS	A	SET BEARING CONNECTING ROD 1.00 U/S	1	Includes 4 qty. of each bearing
8	931590061300	A	BUSHING (CON. ROD)	1	

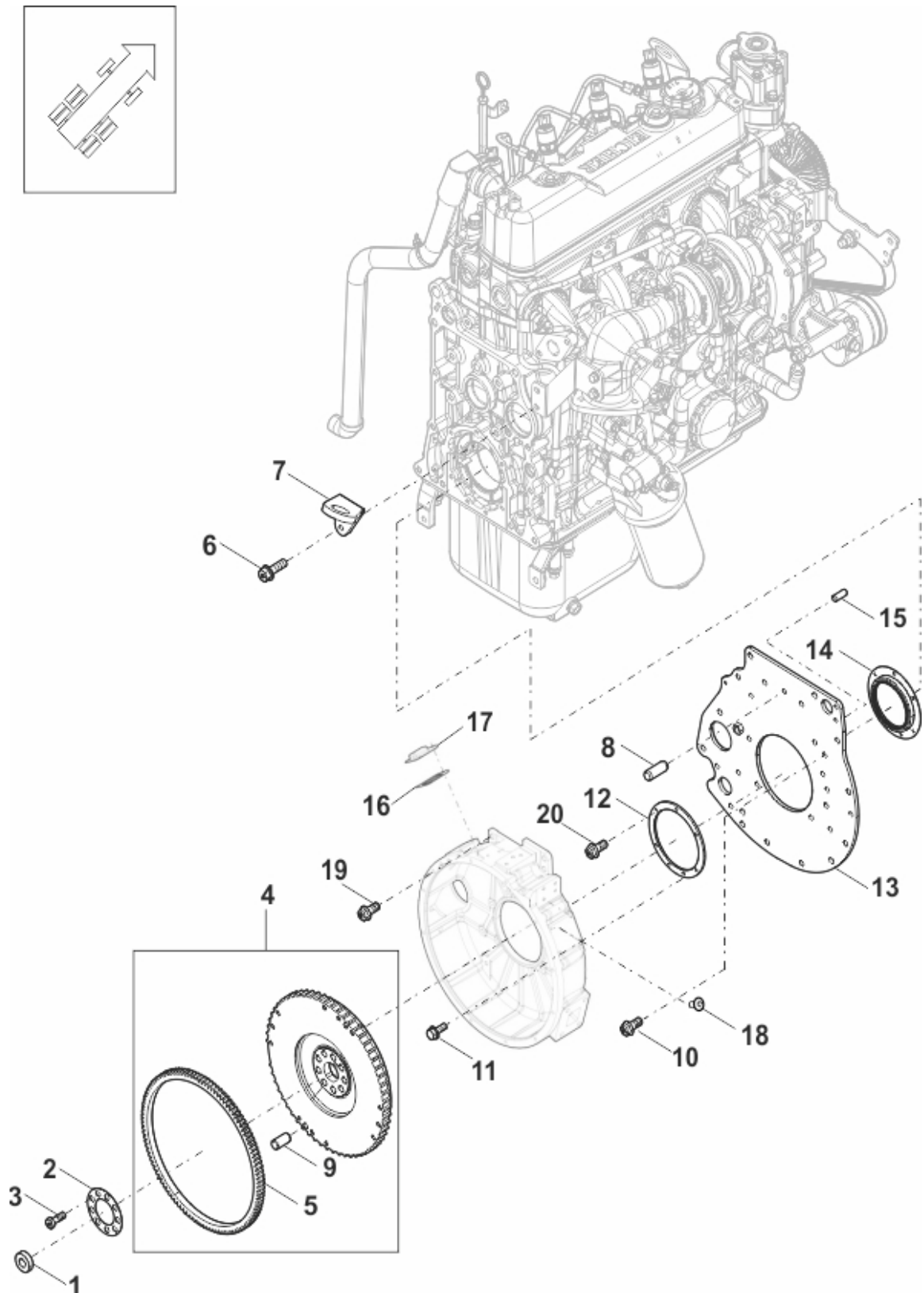
CRANKSHAFT & VIBRATION DAMPER



CRANKSHAFT & VIBRATION DAMPER

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590005900	A	ID200730,GEAR CRANK SHAFT - HCV	1	
2	931590003800	A	WOODRUFF KEY (7X22)	2	
3	931590061400	A	ID200973,DOWEL PIN (DIA. 8 x 22)	1	
4	931590061500	A	PULLEY CRANK SHAFT	1	
5	931590061600	A	STUD	6	
6	931590061700	A	MAIN BRG SET STD (UPR & LWR)	1	
6	931590061800	A	Kit-Bearing Main U/S 0.25 -One Cyl	4	
6	931590061900	A	Kit-Bearing Main U/S 0.50 -One Cyl	4	
6	931590062000	A	Kit-Bearing Main U/S 0.75 -One Cyl	4	
6	931590062100	A	Kit-Bearing Main U/S 1.00 -One Cyl	4	
7	931590062200	A	FLANGE,CRANK SHAFT PULLEY	1	
8	931590062300	A	CRANK SHAFT-4 CYLINDER	1	
9	931590062400	A	NUT, CRANK SHAFT PULLEY	1	
10	931590062500	A	CRANK PULLEY - AIR BRAKE	1	
11	931590062600	A	ADOPTER CRANK PULLEY	1	
12	931590010000	A	NUT FL. M8X1.25	6	

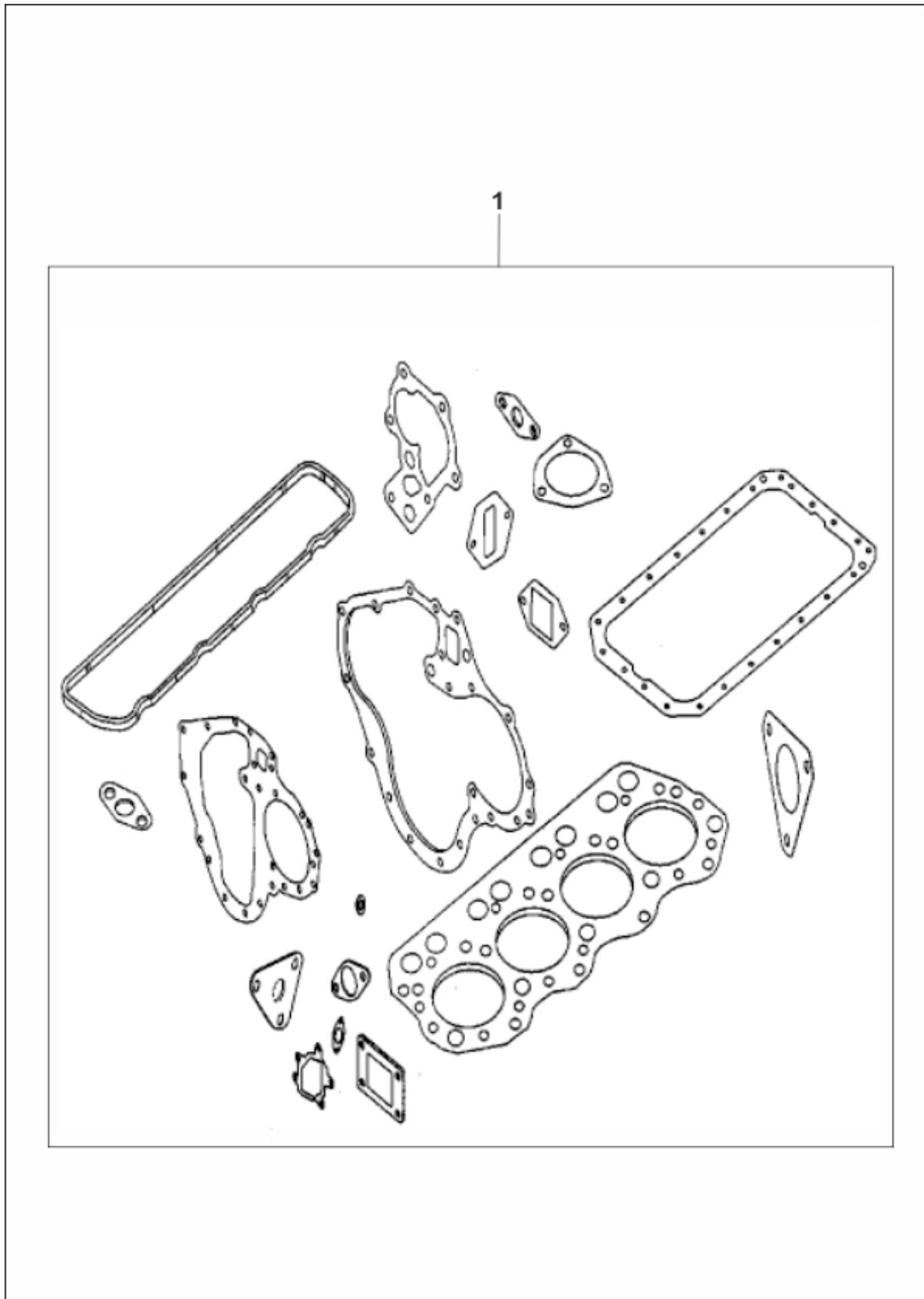
FLYWHEEL & FLYWHEEL HOUSING



FLYWHEEL & FLYWHEEL HOUSING

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590062700	A	BEARING BALL	1	
2	931590062800	A	WASHER PLATE	1	
3	NLS	A	BOLT 12X34	9	
4	931590062900	A	ASSY FLYWHEEL (MCV)	1	
5	931590063000	A	GEAR, RING	1	
6	931590063100	A	BOLT(M8 X 1.25 X 25)	2	
7	931590063200	A	Plate Hanger	1	
8	931590063300	A	PIN, DOWEL (12X34)	1	
9	931590031700	A	DOWEL PIN 10X20	1	
10	931590008700	A	BOLT FLANGE (10X1.5X22) 1	8	
11	931590029200	A	FLANGE SCREW	7	
12	931590063400	A	PLATE WASHER	1	
13	931590063500	A	RR PLATE MCV 310 CLUTCH(LCV/MCV MARK-II)	1	
14	931590063600	A	REAR OIL SEAL	1	
15	931590004000	A	PIN, DOWEL (12X24)	1	
16	931590063700	A	DUST COVER (E683TC/TCI)	1	
17	931590063800	A	GASKET, DUST COVER (E683 TCI)	1	
18	931590063900	A	POP RIVET (SNAP HD 1/8)	4	
19	931590064000	A	BOLT FLANGE M12x1.75x30	2	
20	931590064100	A	BOLT M6x1.0x16	7	

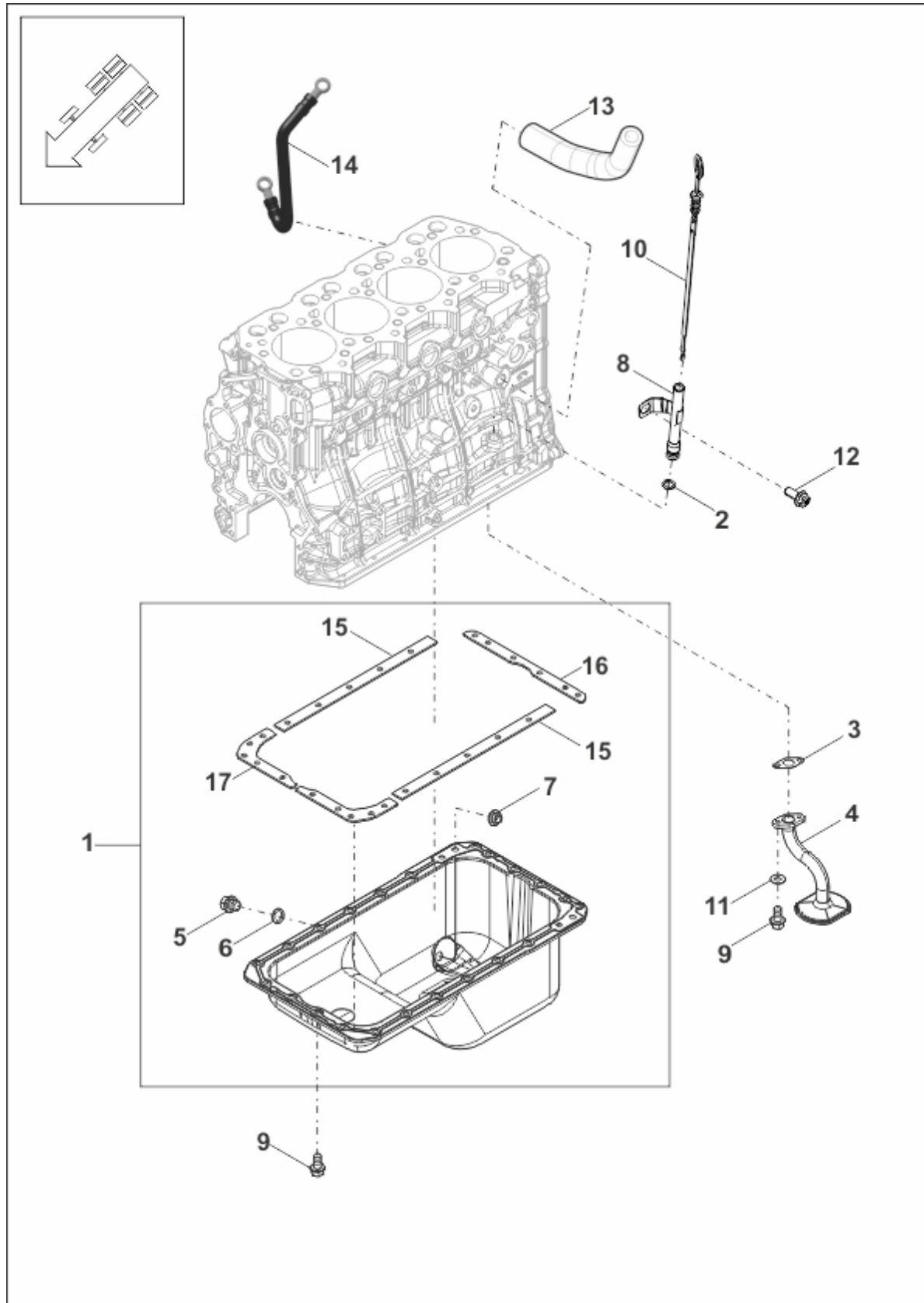
ENGINE OVERHAUL GASKET KIT



ENGINE OVERHAUL GASKET KIT

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590007400	A	O/H GASKET KIT E483 Non auto	1	INCLUDES Below Parts
2	NS	A	NON-SERVICEABLE	1	O RING
3	NS	A	NON-SERVICEABLE	1	GASKET,INLET MANIFOLD
4	NS	A	NON-SERVICEABLE	1	GASKET CYLINDER HEAD
5	NS	A	NON-SERVICEABLE	1	GASKET, ROCKER COVER
6	NS	A	NON-SERVICEABLE	1	GASKET,FRONT PLATE
7	NS	A	NON-SERVICEABLE	4	GASKET, EXHAUST MANIFOLD
8	NS	A	NON-SERVICEABLE	1	GASKET,THERMOSTAT CASE
9	NS	A	NON-SERVICEABLE	1	O-RINGID=100
10	NS	A	NON-SERVICEABLE	1	O-RING ID=11
11	NS	A	NON-SERVICEABLE	9	GASKET DIA.10
12	NS	A	NON-SERVICEABLE	1	GASKET,TIMING GEAR CASE

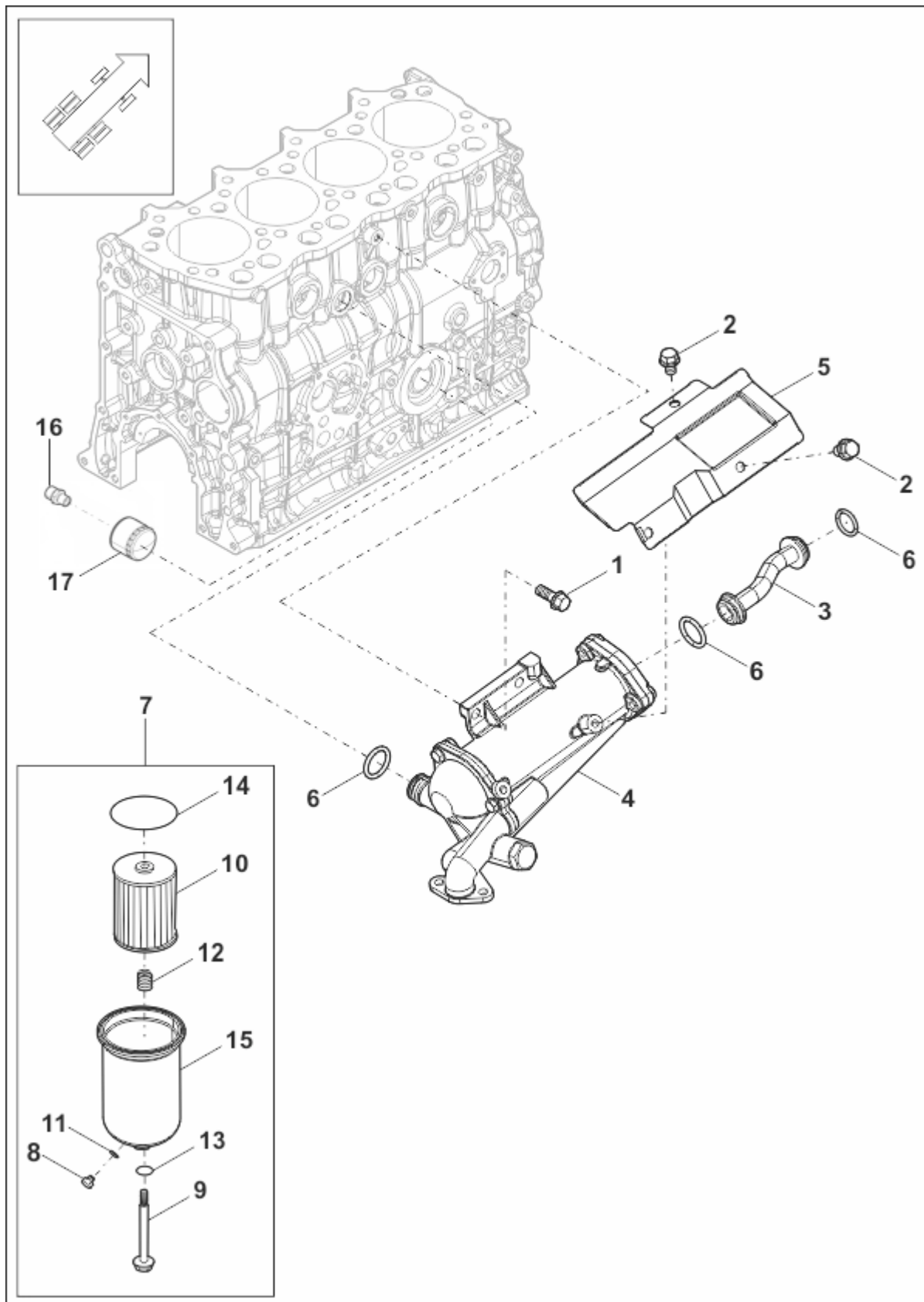
OIL PAN & DIPSTICK



OIL PAN & DIPSTICK

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590007600	A	OIL PAN ASSY.	1	
2	931590007700	A	O-RING (11) DIP STICK GUIDE (7493)	2	
3	931590007800	A	GASKET, OIL STRAINER	1	
4	931590045200	A	STRAINER OIL	1	
5	931590053400	A	PLUG, OIL DRAIN	1	
6	931590008100	A	GASKET OIL DRAIN PLUG	1	
7	931590008200	A	NUT,DRAIN PLUG	1	
8	931590008300	A	GUIDE OIL LEVEL GUAGE	1	
9	931590022300	A	FLANGE SCREW	1	
10	931590008500	A	GAUGE OIL LEVEL	1	
11	931590008600	A	WASHER	1	
12	931590008700	A	BOLT FLANGE (10X1.5X22) 1	1	
13	931590064200	A	HOSE OIL VACUM PUMP RETURN (LCV)	1	
14	931590064300	A	LUB OIL PIPE FOR FIP	1	
15	#N/A	A	SEAT A (LCV)	2	
16	#N/A	A	SEAT C (LCV)	1	
17	#N/A	A	SEAT B (LCV)	2	

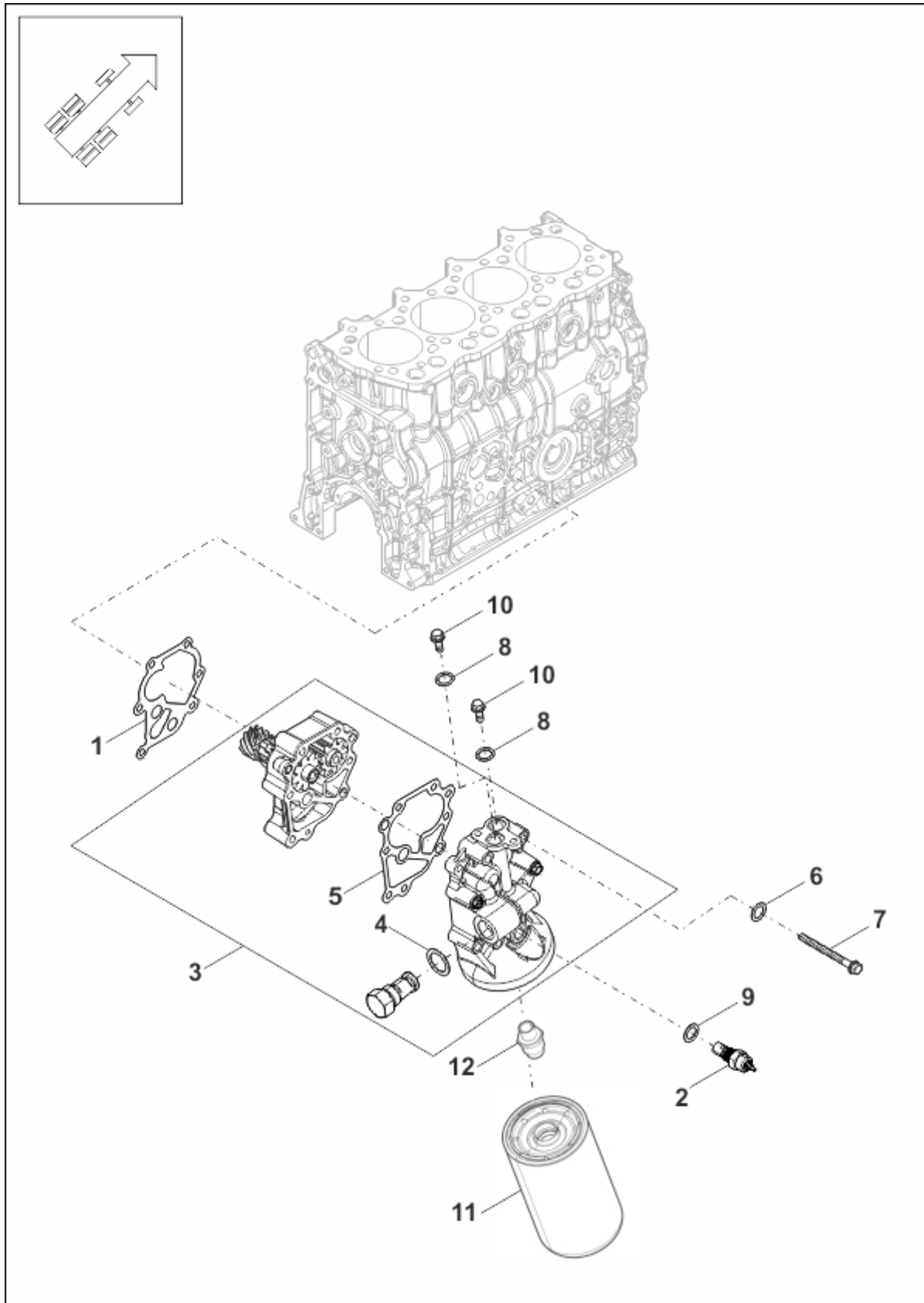
OIL COOLER ASSY



OIL COOLER ASSY

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590019600	A	BOLT FLANGE (10X1.5X25) 7T	2	
2	931590017400	A	BOLT FLANGE (8X1.25X12) 7T	3	
3	931590064400	A	PIPE WATER	1	
4	931590064500	A	COOLER ASSY, OIL	1	POS 4 are alternate to each other
5	931590064600	A	INSULATOR HEAT OIL	1	
6	931590019800	A	O-RING	3	
7	931590032500	A	OIL FILTER ASSY	1	
8	931590064700	A	PLUG DRAIN,OIL FILTER	1	
9	931590064800	A	BOLT,CENTRE OIL FILTER CASE	1	
10	931590044100	A	ELEMENT KIT OIL FILTER	1	
11	931590064900	A	GASKET,OIL FILTER	1	
12	931590065000	A	SPRING,OIL FILTER ELEMENT SUPPORT	1	
13	931590021600	A	O-RING,OIL FILTER	1	
14	931590044200	A	O-RING ,OIL FILTER CASE	1	
15	931590065100	A	CASE,OIL FILTER	1	
4	931590065200	A	COOLER ASSY	1	POS 4 are alternate to each other
16	931590065300	A	UNION BYE PASS FILTER	1	
17	931590065400	A	ASSEMBLY BY-PASS FILTER	1	

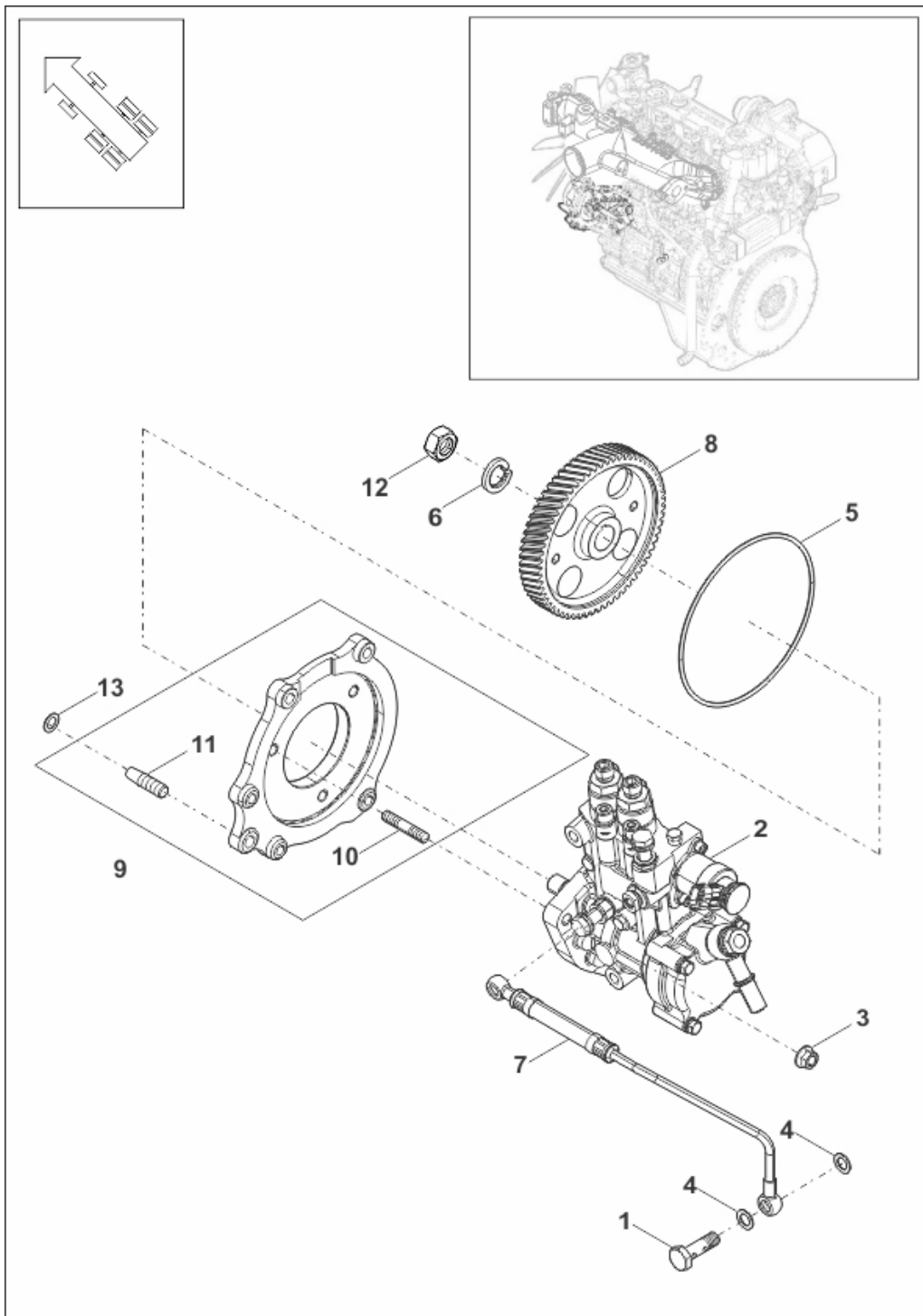
OIL PUMP



OIL PUMP

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590008800	A	GASKET OIL PUMP	1	
2	931590008900	A	ALARM, BY PASS VALVE	1	
3	931590045400	A	OIL PUMP ASSY	1	
4	931590009100	A	GASKET 27	1	
5	931590009200	A	GASKET	1	
6	931590009300	A	GASKET (E483 TC/TCI)	2	
7	931590009400	A	BOLT FLANGE (M8x1.25x90)	6	
8	931590009500	A	O-RING (7499)	2	
9	931590009600	A	GASKET 16	1	
10	931590009700	A	BOLT M8x1.25x20	2	
11	931590065500	A	COMBO OIL FILTER	1	
12	931590065600	A	UNIONFILTER ASSY	1	

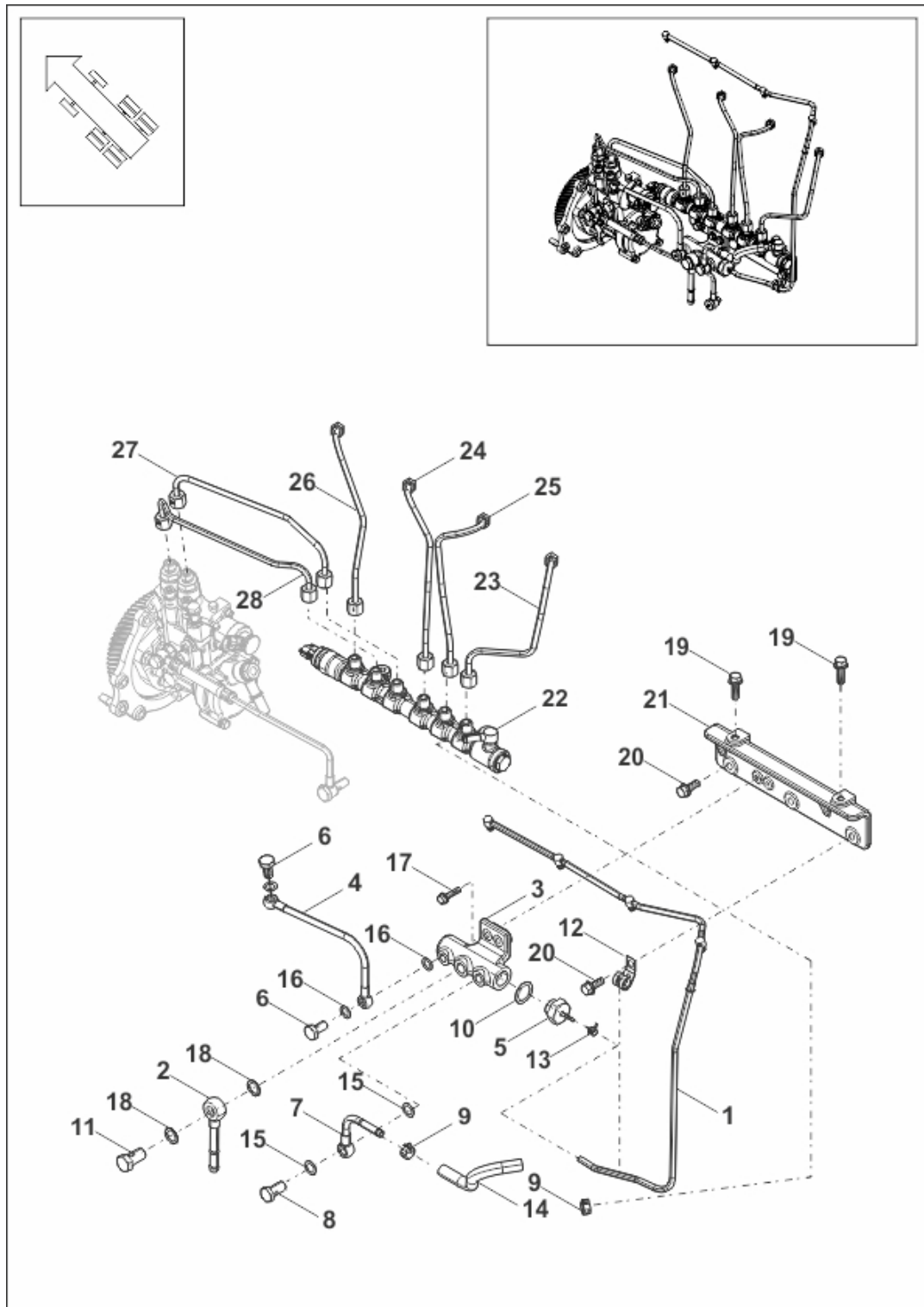
FUEL INJECTION PUMP



FUEL INJECTION PUMP

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590009800	A	BOLT EYE(10x1.25)	1	
2	931590009900	A	FIP CB18	1	
3	931590010000	A	NUT FL. M8X1.25	3	
4	931590010100	A	GASKET (10)	2	
5	931590010200	A	O-RING (7498)	1	
6	931590010300	A	TAB WASHER	1	
7	931590010400	A	ASSY OILINLET PIPE, FIP	1	
8	931590010500	A	GEAR - FIP	1	
9	931590010600	A	FLANGE PLATE CB18 ASSY	1	
10	931590010700	A	STUD	3	
11	#N/A	A	BAR GUIDE	1	
12	#N/A	A	NUT HEXAGON 14	1	
13	931590065700	A	WASHER , STEERING COLUMN	1	

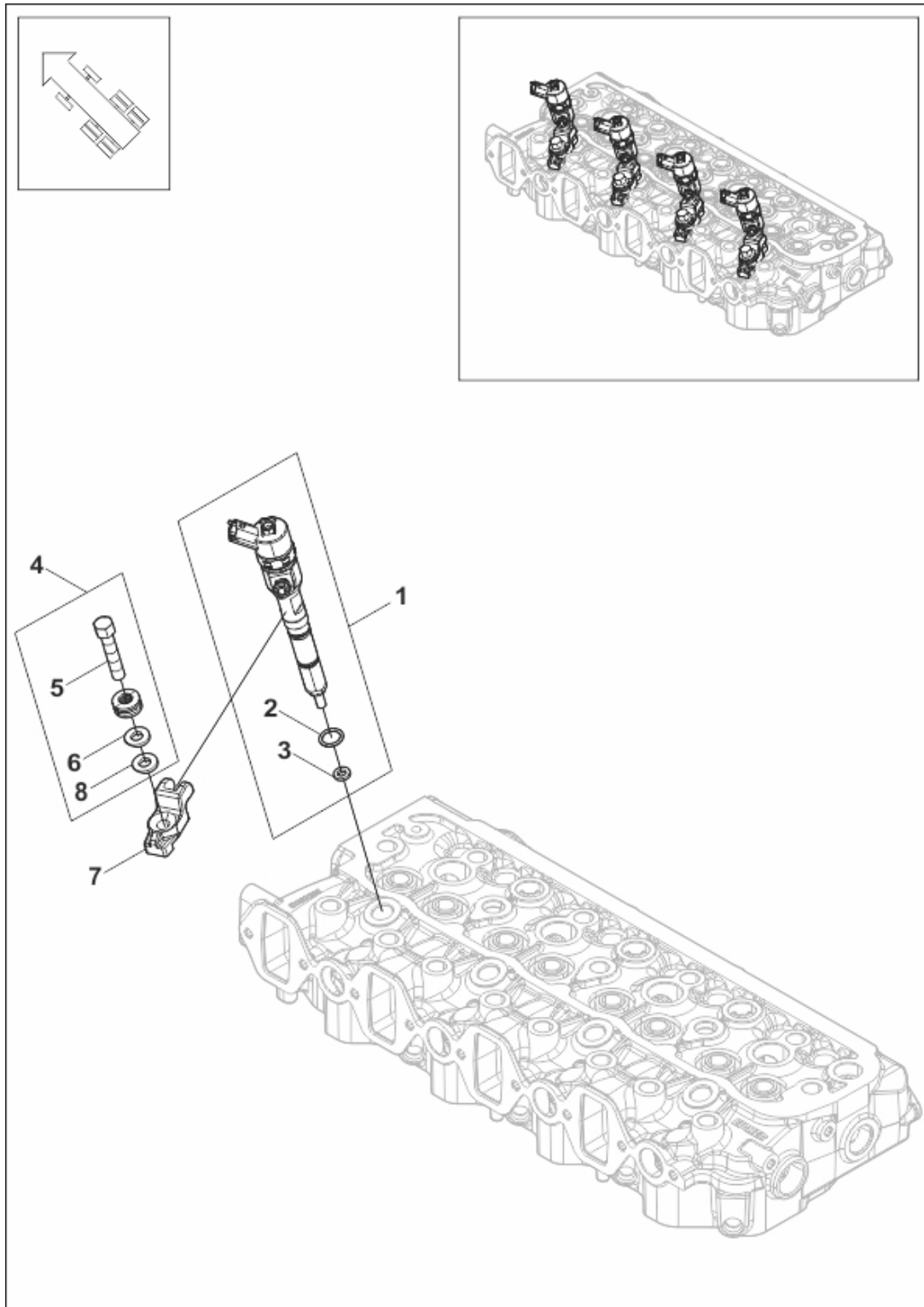
COMMON RAIL & FUEL INJECTION PIPES



COMMON RAIL & FUEL INJECTION PIPES

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590011000	A	INJECTOR RETURN LINE (LCV/MCV)	1	
2	931590011100	A	PIPE BABY FILTER WATER SEPRATOR	1	
3	931590011200	A	4 WAY CONNECTOR	1	
4	931590011300	A	PUMP OVERFLOW PIPE, ASSY	1	
5	931590011400	A	OVERFLOW CONNECTOR	1	
6	931590011500	A	BANJO BOLT M10X1X20	2	
7	931590011600	A	PIPE ASSY FIP FUEL IN	1	
8	931590011700	A	BOLT EYE (12)	1	
9	931590011800	A	HOSE CLIP (13.1)	2	
10	931590011900	A	GASKET (20)	1	
11	931590012000	A	JOINT	1	
12	931590012100	A	CLIP (80)	1	
13	931590012200	A	HOSE CLAMP(8.6MM)	1	
14	931590012300	A	HOSE	1	
15	931590012400	A	GASKET(12)	2	
16	931590010100	A	GASKET (10)	4	
17	931590012600	A	BOLT FLANGE (6X1X25) 4T	2	
18	931590012700	A	GASKET (14)	2	
19	931590012800	A	BOLT M8x1.25x25	2	
20	931590009700	A	BOLT M8x1.25x20	3	
21	931590013000	A	BRACKET RAIL	1	
22	931590013100	A	COMMON RAIL	1	
23	931590013200	A	HIGH PRESSURE PIPE ASSY 4	1	
24	931590013300	A	HIGH PRESSURE PIPE ASSY 2	1	
25	931590013400	A	HIGH PRESSURE PIPE ASSY 3	1	
26	931590013500	A	ASSY HP PIPE 1	1	
27	931590013600	A	FUEL PIPE PUMP TO RAIL	1	
28	931590013700	A	ASSY HIGH PRESSURE PUMP TO RAIL	1	

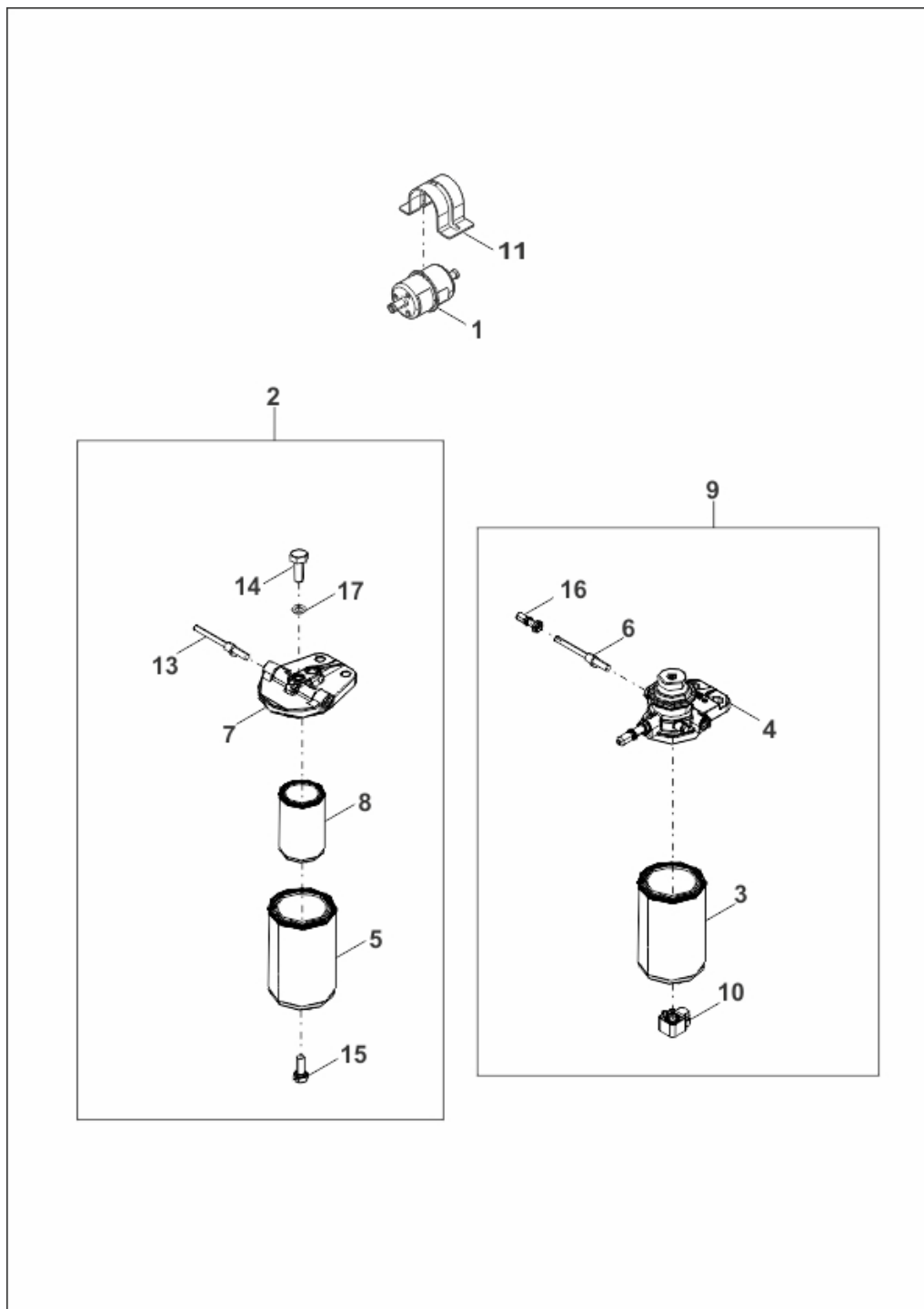
FUEL INJECTOR



FUEL INJECTOR

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590013800	A	INJECTOR	4	
2	931590013900	A	O-RING ID/GEAR COLL (7494)	1	
3	931590014000	A	GASKET, NOZZLE	1	
4	931590014100	A	BOLT, NOZZLE BRIDGE	4	
5	931590014200	A	BOLT F/INJ NOZZLE	1	
6	931590065800	A	WASHER	2	
7	931590014400	A	BRIDGE, NOZZLE (LCV,MCV)	4	
8	931590065900	A	WASHER, CONED DISC	4	

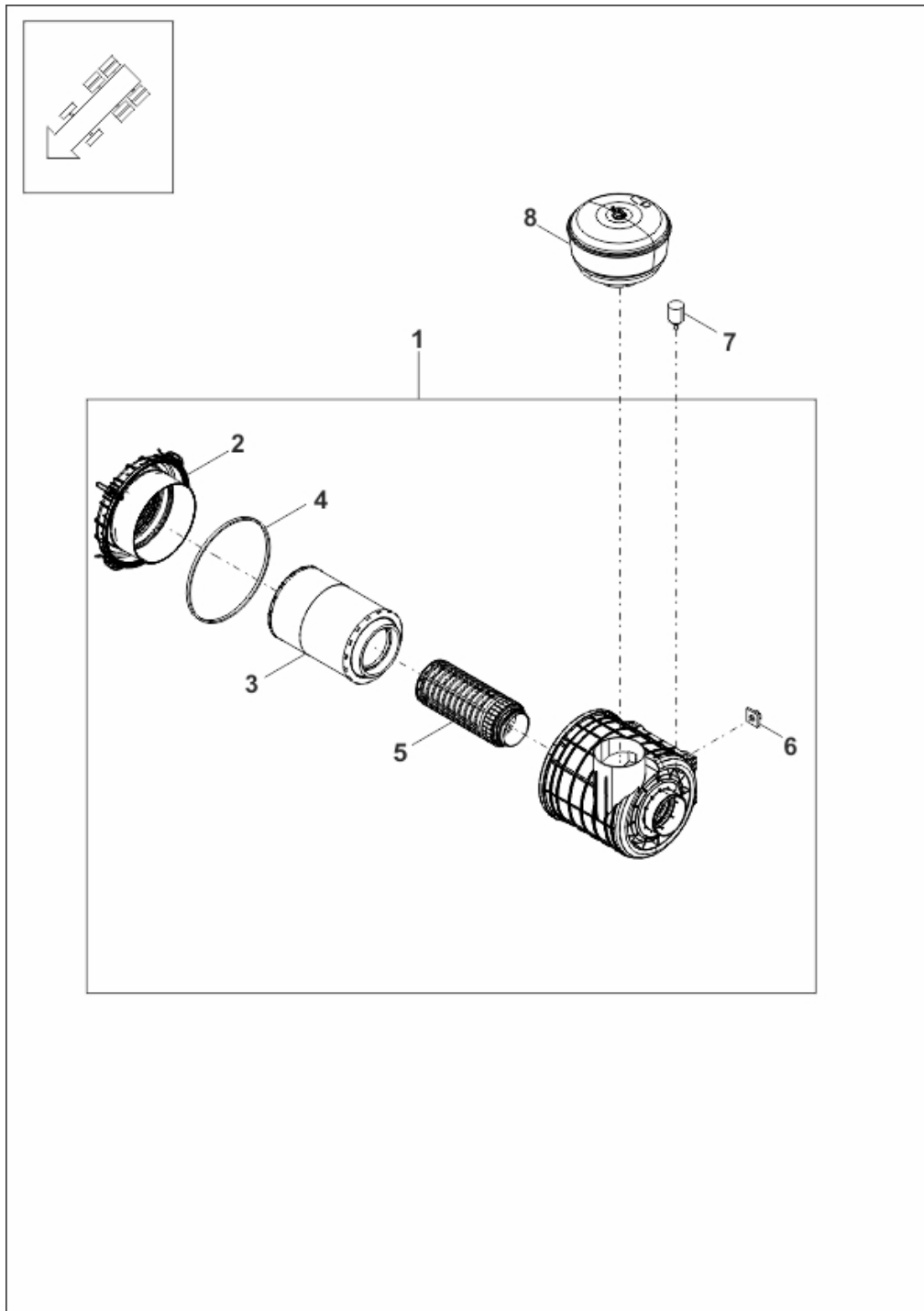
FUEL FILTER



FUEL FILTER

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590014500	A	FUEL STRAINER (MAV COWL)	1	
2	931590014600	A	PRE FILTER ASSY	1	
3	931590014700	A	FILTER SPIN ON	1	
4	931590014800	A	FILTER HEAD ASSEMBLY	1	
5	#N/A	A	FILTER HOUSING	1	
6	931590015000	A	STRAIGHT BANJO	2	
7	931590015100	A	FILTER COVER	1	
8	931590015200	A	FILTER INSERT	1	
9	931590015300	A	MAIN FILTER ASSY	1	
10	931590015400	A	WIF SENSOR	1	
11	931590066000	A	BABY FILTER HOLDING BRACKET 2 (40.40)	1	
13	931590066100	A	BANJO	1	
14	931590066200	A	HEXAGON SCREW	1	
15	931590066300	A	HEXAGON SCREW	1	
16	931590066400	A	PROTECTIVE CAP	1	
17	931590066500	A	WASHER	1	

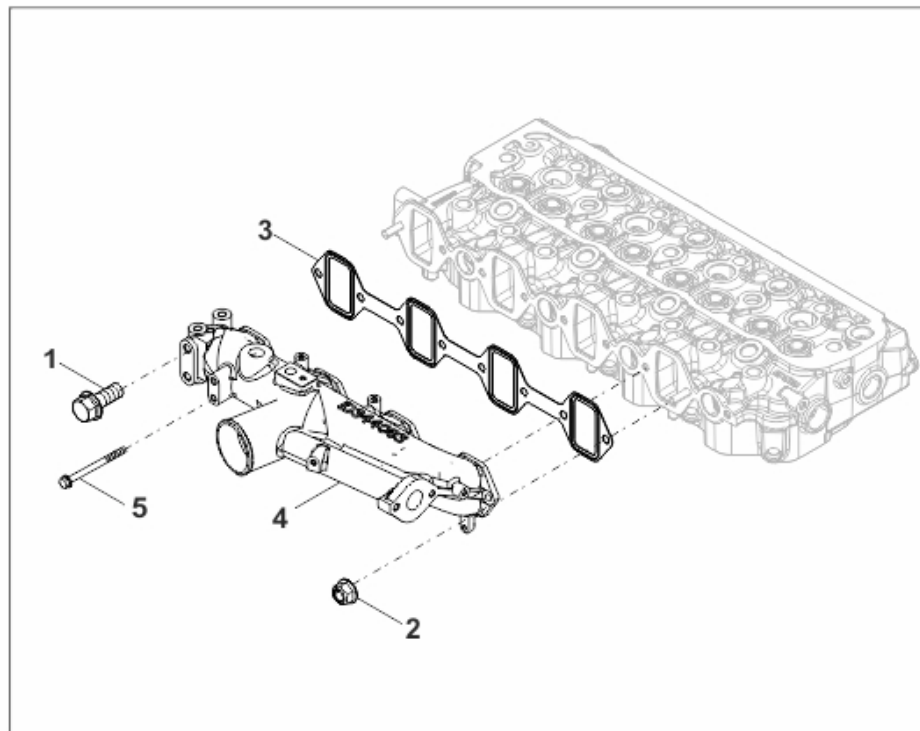
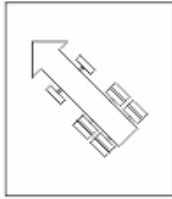
AIR CLEANER



AIR CLEANER

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590000800	A	AIR CLEANER ASSY	1	
2	931590066600	A	ASSY COVER AIR CLEANER	1	
3	931590043900	A	PRIMARY ELEMENT	1	
4	931590066700	A	SEAL RING AIR CLEANER	1	
5	931590044000	A	SECONDARY ELEMENT	1	
6	931590066800	A	M8 SQ NUT	4	
7	931590000400	A	RESTRICTION INDICATOR	1	
8	931590000310	A	ASSY PRE CLEANER	1	

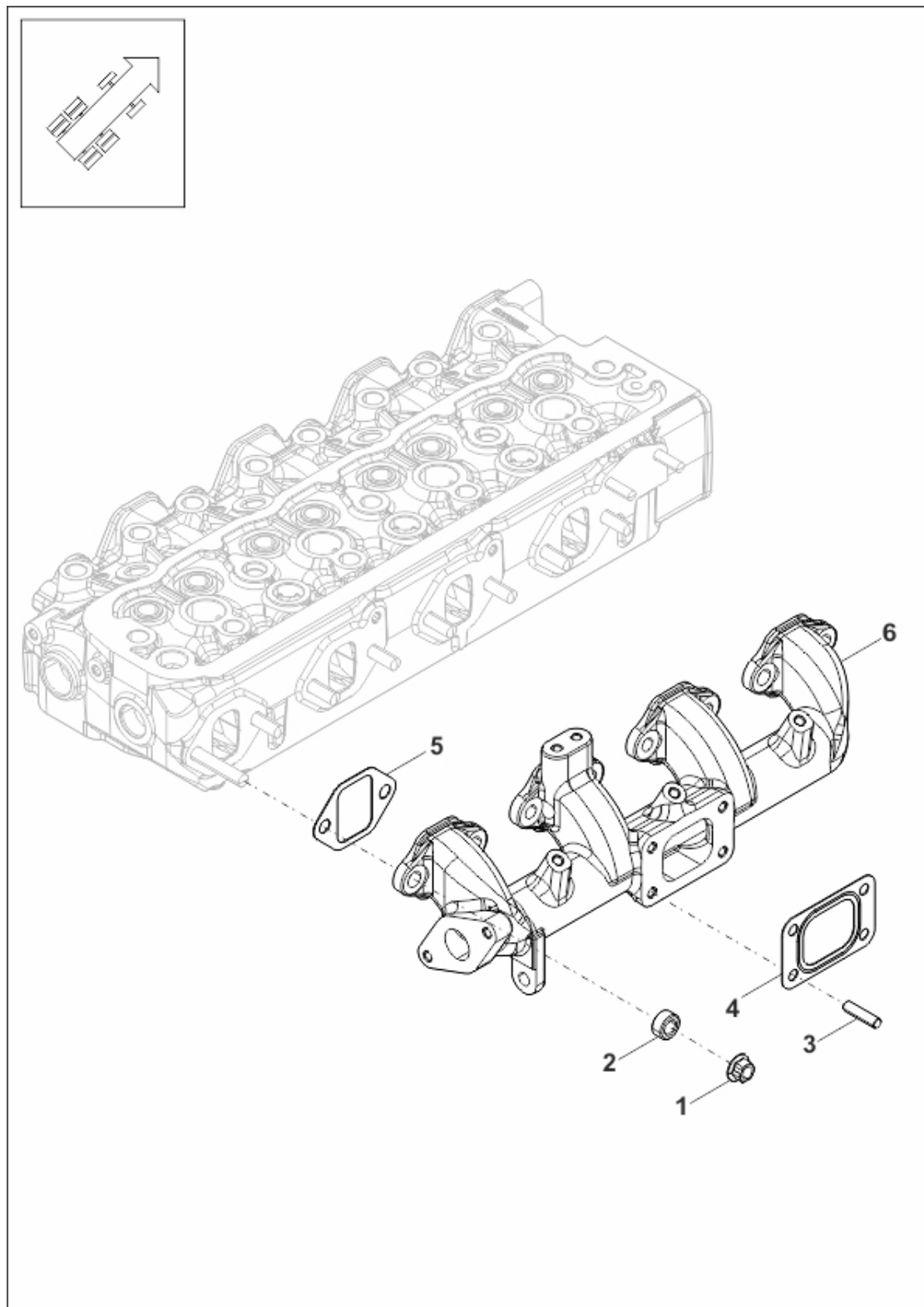
INTAKE MANIFOLD



INTAKE MANIFOLD

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590009700	A	BOLT M8x1.25x20	6	
2	931590015600	A	NUT FLANGE SELF LOCKING (M8X1.25) -TC	2	
3	931590015700	A	GASKET,INLET MANIFOLD	1	
4	931590015800	A	INLET MANIFOLD E483-LIMO BSIV	1	
5	931590066900	A	FLANGE BOLT M8X1.25X100	8	

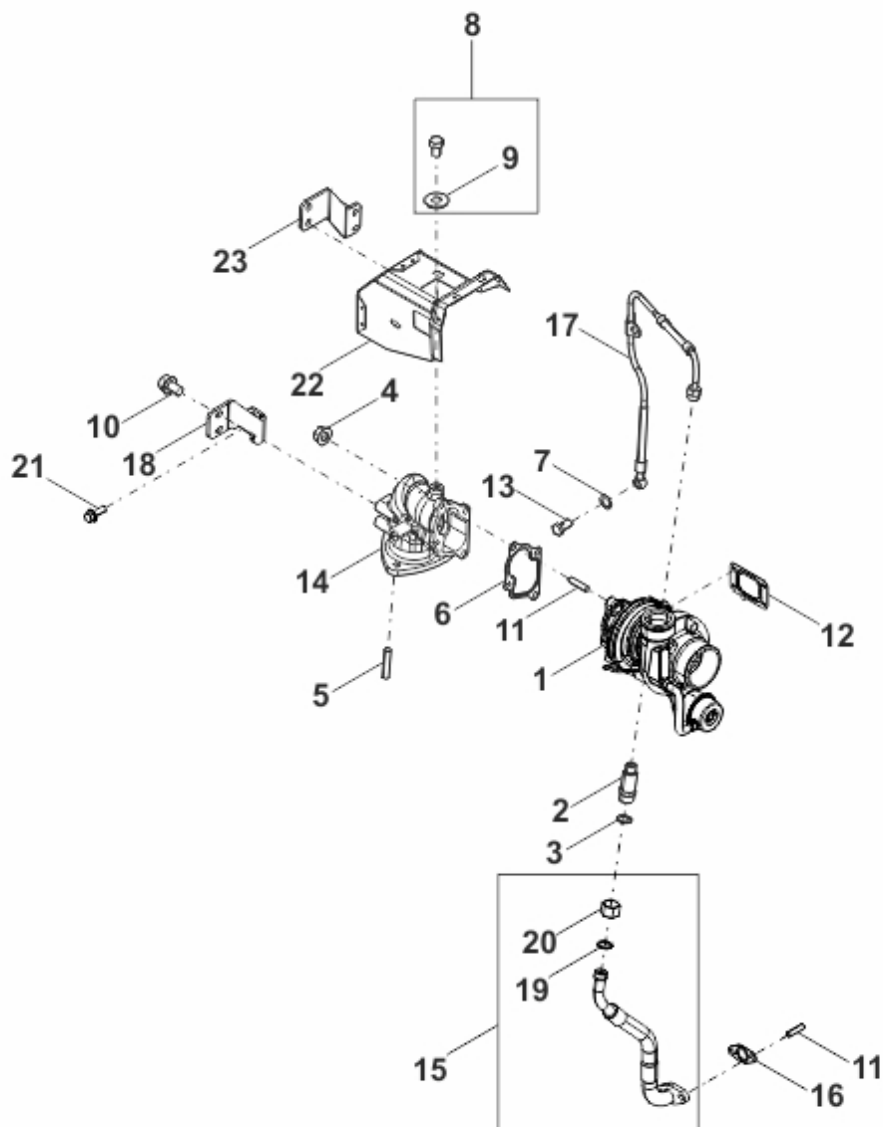
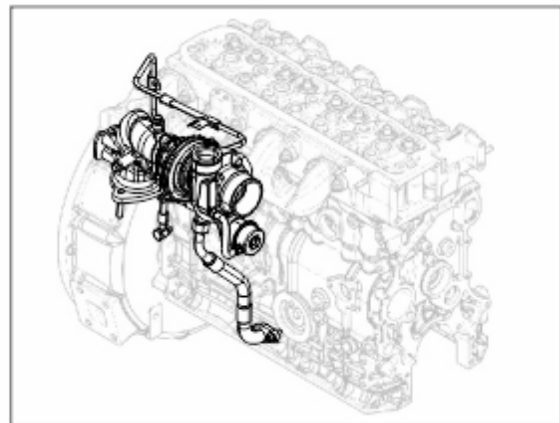
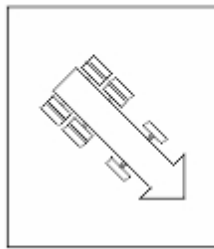
EXHAUST MANIFOLD



EXHAUST MANIFOLD

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590015900	A	NUT, SELF LOCK FLANGE (M10X1.25)	8	
2	931590046900	A	SPACER EX. MANIFOLD (SHORT)	2	
3	931590016100	A	STUD, TC MTG. (E483 TC)	4	
4	931590050200	A	GASKET EXHAUST MANIFOLD	1	
5	931590016300	A	GASKET EXHAUST MANIFOLD	4	
6	931590016400	A	EXHAUST MANIFOLD	1	

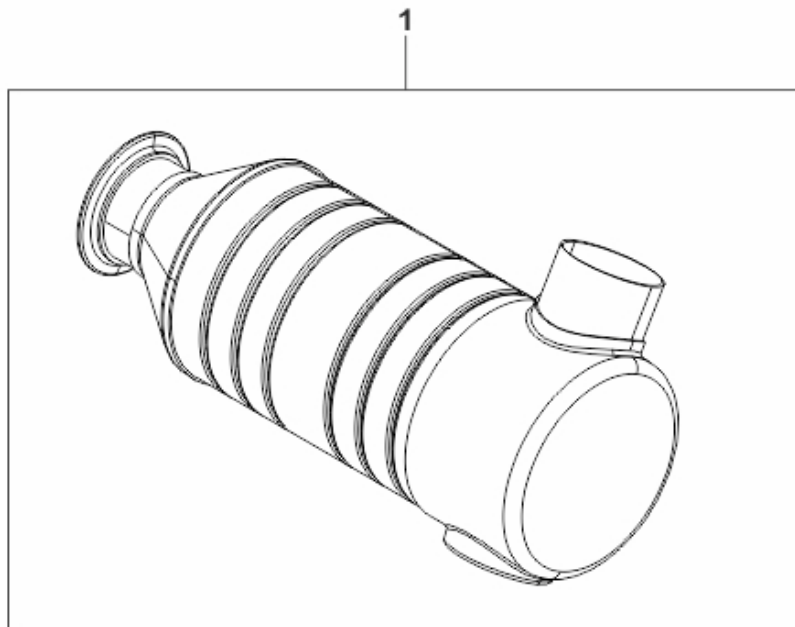
TURBOCHARGER & PIPING



TURBOCHARGER & PIPING

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590016500	A	TURBOCHARGER	1	
2	931590016600	A	ADAPTOR OIL DRAIN (TCI)	1	
3	931590016700	A	GASKET, FUEL FILTER	1	
4	931590015600	A	NUT FLANGE SELF LOCKING (M8X1.25) -TC	10	
5	931590016900	A	STUD	3	
6	931590017000	A	GASKET	1	
7	931590012400	A	GASKET(12)	2	
8	931590017200	A	BOLT,WASHER ASSY (8X12 EXH M/F)	2	
9	931590017300	A	WASHER PLAIN M8	1	
10	931590017400	A	BOLT FLANGE (8X1.25X12) 7T	2	
11	931590016100	A	STUD, TC MTG. (E483 TC)	6	
12	931590050200	A	GASKET EXHAUST MANIFOLD	1	
13	931590011700	A	BOLT EYE (12)	1	
14	931590017800	A	EXHAUST BEND	1	
15	931590017900	A	PIPE ASSY OIL DRAIN (EURO 2)	1	
16	931590018000	A	GASKET OIL STRAINER	1	
17	931590018100	A	PIPE, OIL SUPPLY TC	1	
18	931590018200	A	BRACKET EXHAUST BEND	1	
19	931590018300	A	O-RING, BRAZE NIPPLE ?15	1	
20	931590018400	A	CAP NUT M22X1.5	1	
21	931590018500	A	BOLT M8X1.25X21	2	
22	931590067000	A	HEAT INSULATOR,EXH.BEND TC	1	
23	931590067100	A	BKT.EXH.BEND	1	
24	#N/A	A	ServicePartsKit	1	

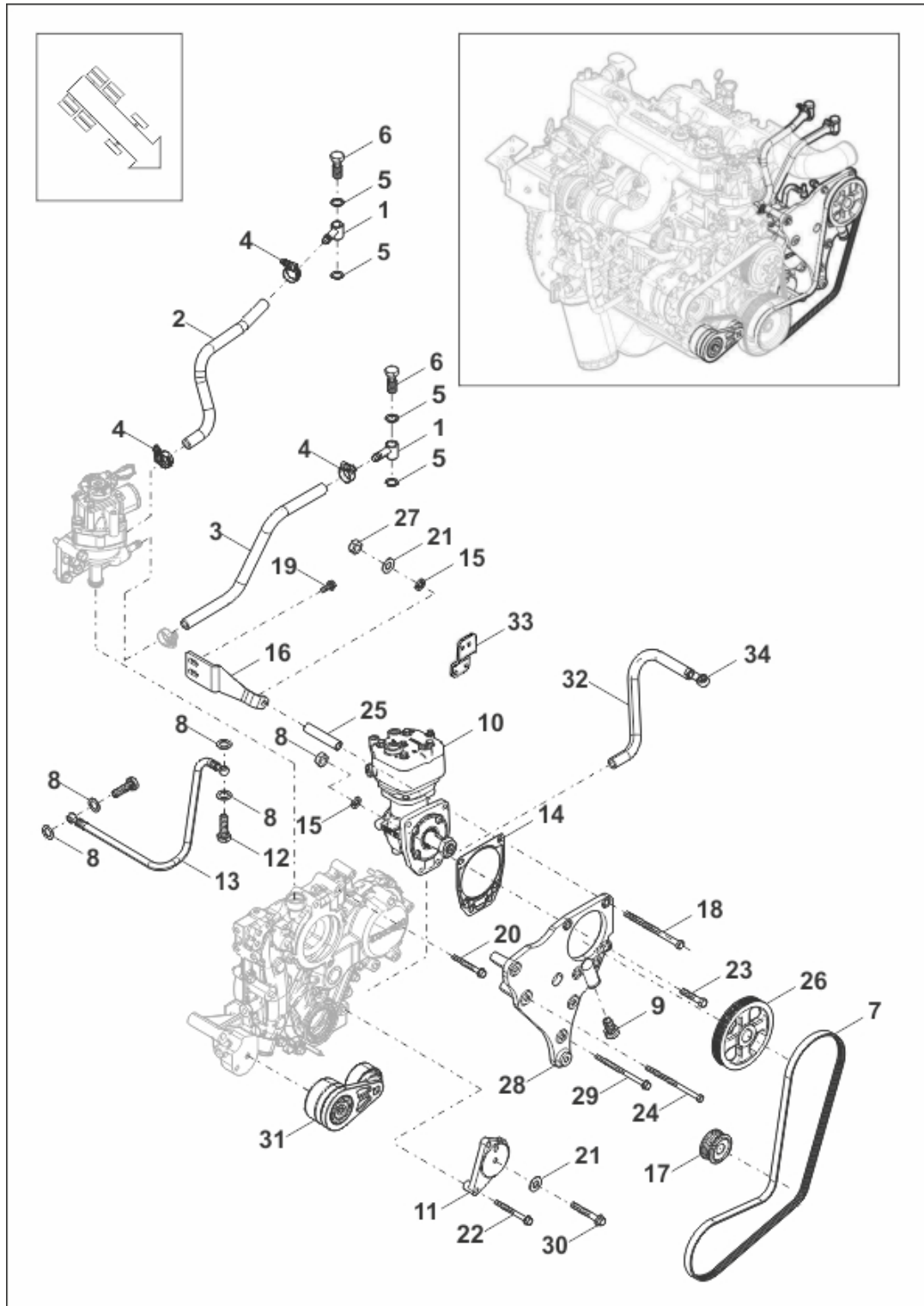
EXHAUST MUFFLER



EXHAUST MUFFLER

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590018700	A	DD90 CATCON	1	

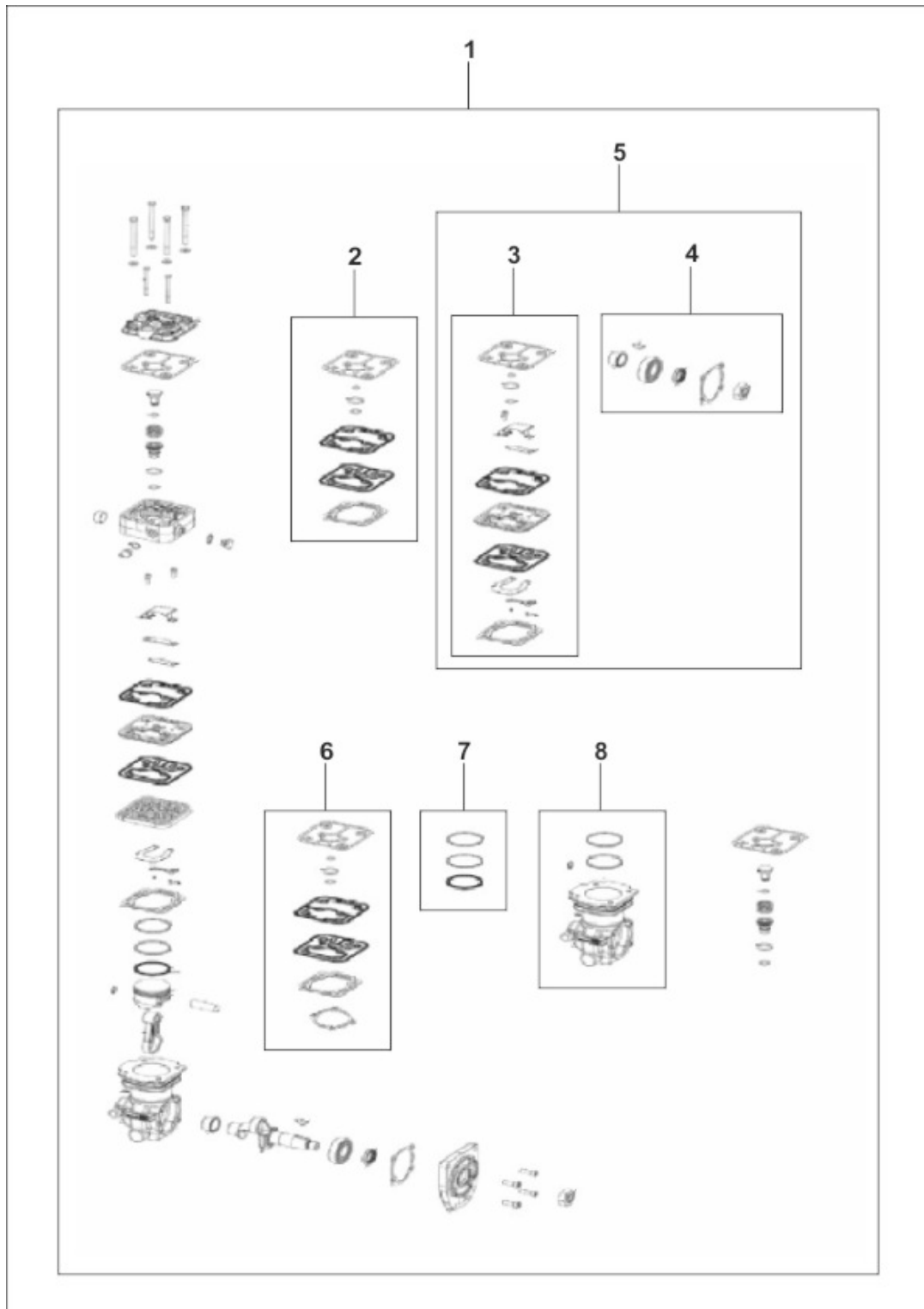
AIR COMPRESSOR AND PLUMBING



AIR COMPRESSOR AND PLUMBING

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590067200	A	BANJO WATER I/O	2	
2	931590067300	A	HOSE WATER OUT	1	
3	931590067400	A	HOSE WATER IN	1	
4	931590067500	A	HOSE CLAMP DIA 16-27	4	
5	931590016700	A	GASKET, FUEL FILTER	4	
6	931590067600	A	BANJO BOLT WATER I/O	2	
7	931590044700	A	POLY V BELT	1	
8	931590010100	A	GASKET (10)	4	
9	931590067700	A	BOLT EYE JOINT	1	
10	931590067800	A	COMPRESSOR ASSY (LCV/MCV)	1	
11	931590067900	A	MTG BRACKET AUTO TENSIONER	1	
12	931590009800	A	BOLT EYE(10x1.25)	2	
13	931590068000	A	PIPE OIL INLET MCV	1	
14	931590068100	A	GASKET COMPRESSOR (MCV)	1	
15	931590073500	A	IB001206,WASHER SPRING M10	4	
16	931590068200	A	COMPRESSOR MOUNTING BRACKET A	1	
17	931590068300	A	IDLER PULLEY ASSY	1	
18	931590068400	A	BOLT M10x1.5x135	1	
19	931590009700	A	BOLT M8x1.25x20	2	
20	931590004500	A	BOLT FLANGE (8X1.25X70) 7T	2	
21	931590068500	A	PLAIN WASHER 10	2	
22	931590022200	A	FLANGE BOLT M8X1.25X50	1	
23	931590068600	A	BOLT M10x1.5x50	3	
24	931590068700	A	BOLT M8x1.25x135	1	
25	931590068800	A	COMPRESSOR MOUNTING SPACER	1	
26	931590068900	A	COMPRESSOR PULLEY	1	
27	931590069000	A	IB001241,HEX NUT (M10)	4	
28	931590069100	A	COMPRESSOR MOUNTING BRACKET	1	
29	931590069200	A	BOLT FLANGE (M8X1.25X125X7T)	1	
30	931590006000	A	BOLT FLANGE (10X68), TIMING GEAR TRAIN	1	
31	931590069300	A	AUTOTENSIONER	1	
32	931590069400	A	OIL DRAIN HOSE ASSY.	1	
33	931590069500	A	BRKT AIR COMP. SUPPORT	1	
34	931590069600	A	JOINT EYE (ID=16)	1	

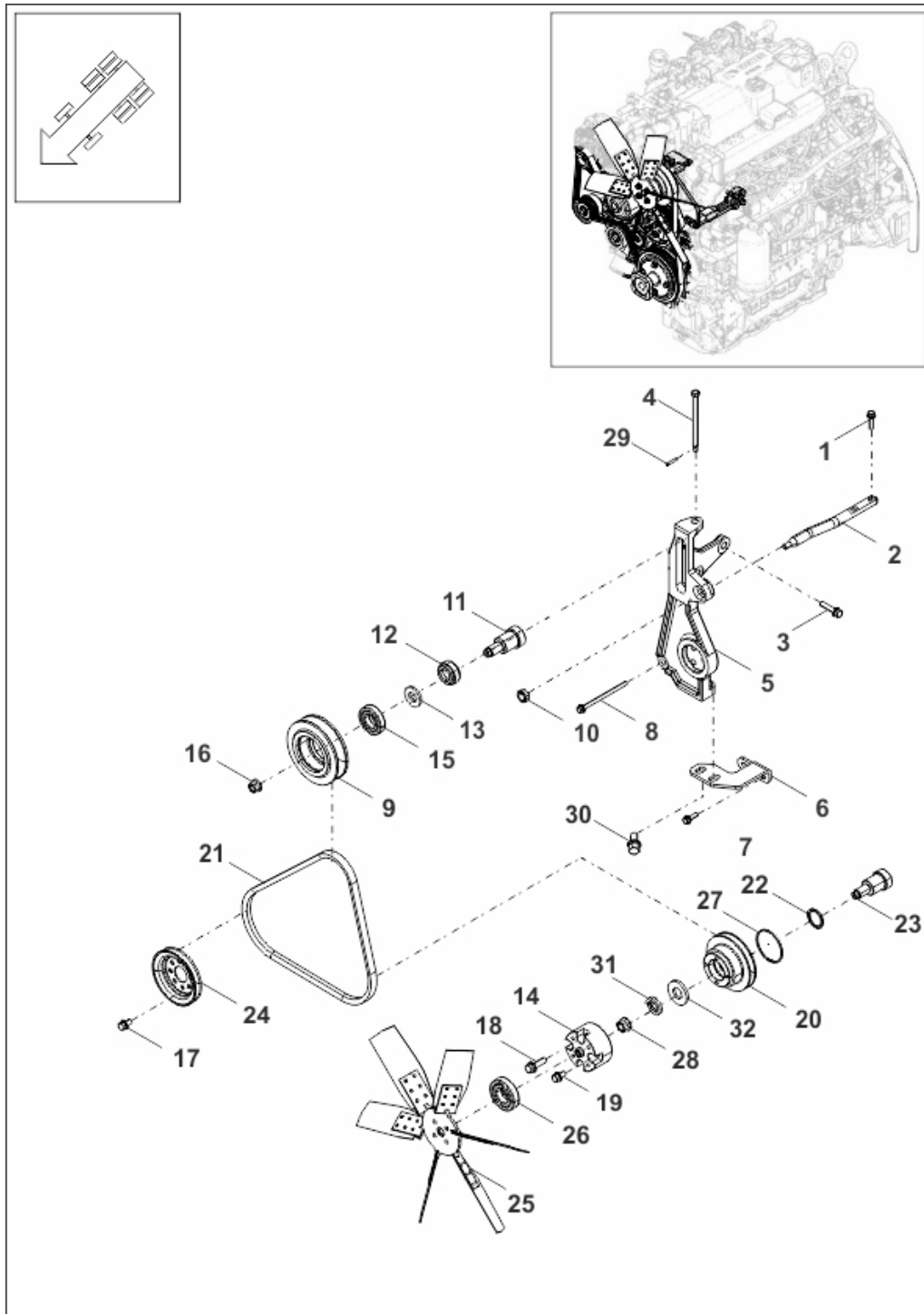
KIT AIR COMPRESSOR



KIT AIR COMPRESSOR

S.NO.	Part No.	Description	Qty	Remarks
1	931590069700	PR KIT	1	
2	931590069800	HEAD KIT MINOR	1	
3	931590069900	HEAD KIT MAJOR	1	
4	931590070000	CRANK CASE KIT CRANK CASE KIT	1	
5	931590070100	MAJOR OVERHAUL KIT	1	
6	931590070200	GASKET KIT AND SEALING RIMG KIT	1	
7	931590070300	RING KIT	1	
8	931590070400	CRANK CASE AND PISTON ASSY KIT	1	

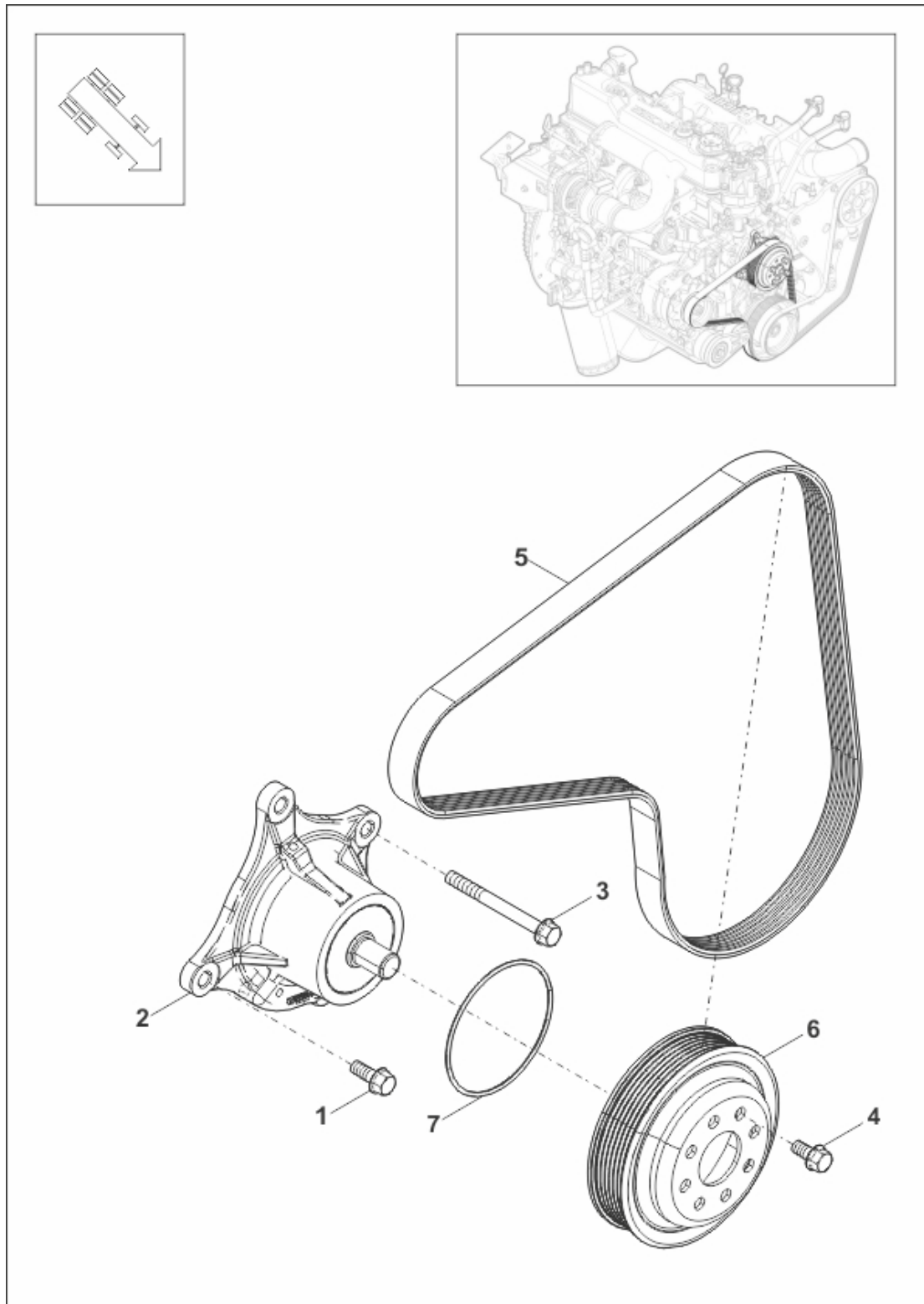
FAN & BELT DRIVE



FAN & BELT DRIVE

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590019700	A	BOLT FLANGE (M8X1.25X30) 7	2	
2	931590070500	A	MOUNTING ROD	1	
3	931590019600	A	BOLT FLANGE (10X1.5X25) 7T	2	
4	931590070600	A	BOLT (M10x1.5x140)	1	
5	931590070700	A	MOUNTING BRACKET FAN ASSEMBLY	1	
6	931590070800	A	SUPPORT BKT	1	
7	931590070900	A	BOLT M8x1.25x25	2	
8	931590069200	A	BOLT FLANGE (M8X1.25X125X7T)	1	
9	931590071000	A	IDLER PULLEY	1	
10	931590071100	A	NUT FL. M10x1.25	1	
11	931590071200	A	SHAFT TENSIONER PULLEY	1	
12	931590071300	A	SPACER FAN DRIVE	1	
13	931590071400	A	PLAIN WASHER	1	
14	931590071500	A	SPACER, FAN	1	
15	931590071600	A	BEARING BALL (MCV)	1	
16	931590027200	A	FLANGE NUT	1	
17	931590071700	A	BOLT M8X1.25X14	4	
18	931590070900	A	BOLT M8x1.25x25	7	
19	931590022300	A	FLANGE SCREW	6	
20	931590044600	A	FAN PULLEY	1	
21	931590044500	A	BELT, V	1	
22	931590071800	A	SPACER	1	
23	931590071900	A	SHAFT FAN DRIVE	1	
24	931590072000	A	PULLEY WATER PUMP	1	
25	931590072100	A	RADIATOR FAN	1	
26	931590072200	A	FAG BEARING	2	
27	931590072300	A	RING SNAP	2	
28	931590072400	A	CASTLE NUT (HCV)	1	
29	931590072500	A	PIN SPRING DIA.3x16	1	
30	931590072600	A	BOLT FLANGE M10x1.25x14	2	
31	931590072700	A	WASHER SPRING 6.1x5.1	1	
32	931590072800	A	WASHER, FAN DRIVE FRONT	1	

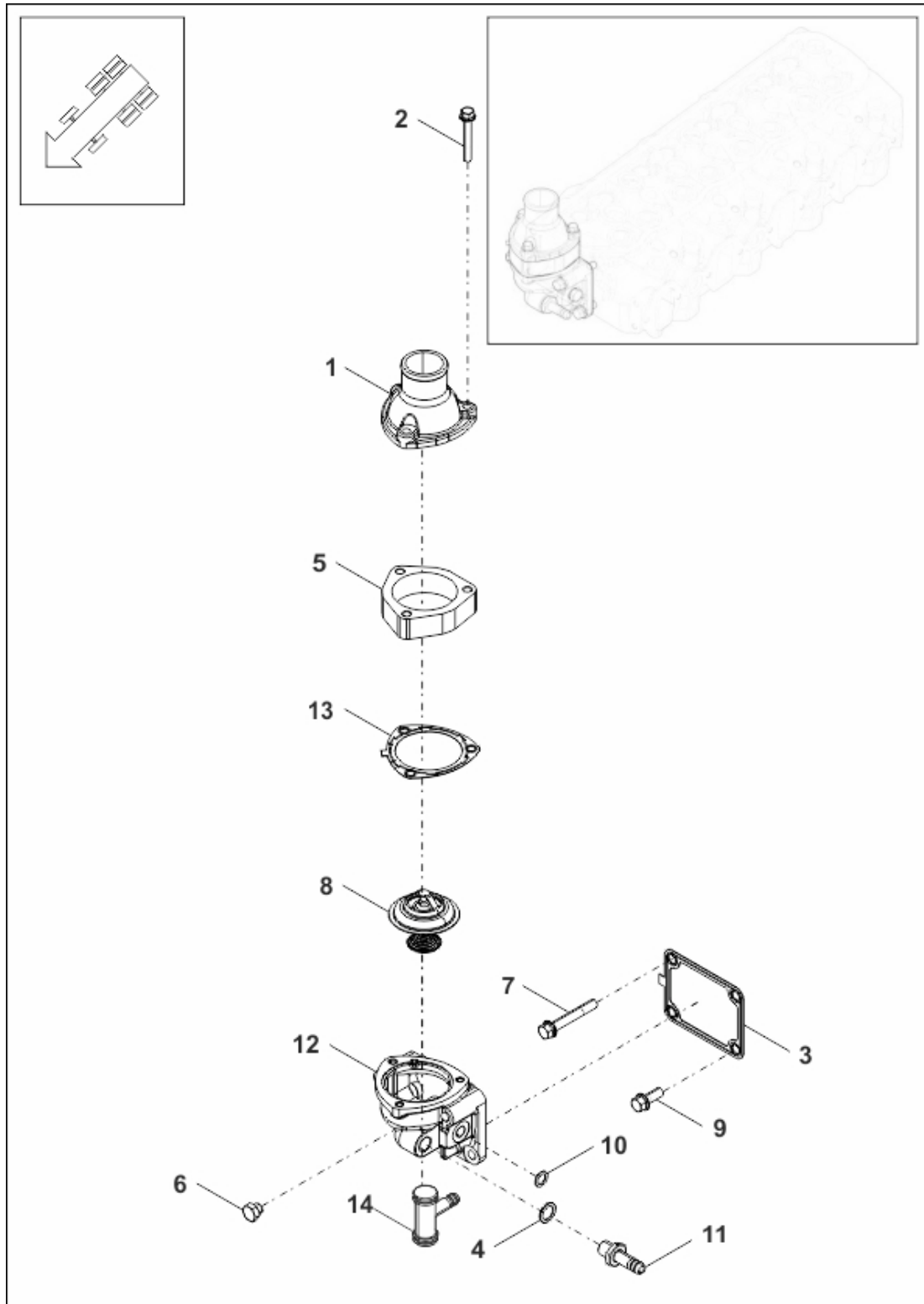
WATER PUMP



WATER PUMP

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590009700	A	BOLT M8x1.25x20	2	
2	931590044800	A	TBK WATER PUMP ASSY.	1	
3	931590019100	A	BOLT FLANGE 8X80	2	
4	931590012800	A	BOLT M8x1.25x25	4	
5	931590032400	A	V BELT FAN (15.16)	1	
6	931590072900	A	PULLEY WATER PUMP	1	
7	931590019000	A	O-RING (100) (7497)	1	

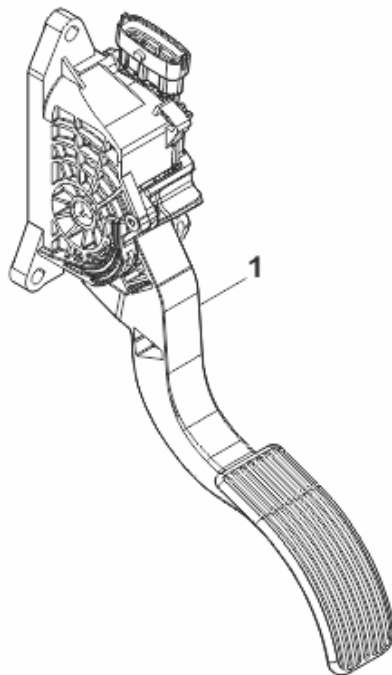
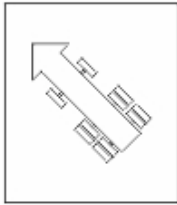
THERMOSTAT



THERMOSTAT

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590073000	A	COVER, THERMOSTAT	1	
2	931590022700	A	BOLT FLANGE(M8X1.25X55) 7T	3	
3	931590020100	A	GASKET, THERMOSTAT CASE	1	
4	931590016700	A	GASKET, FUEL FILTER	1	
5	931590073100	A	SPACER THERMOSTAT	1	
6	931590020700	A	PLUG, M12x1.5	1	
7	931590019900	A	BOLT FLANGE (10X1.5X65) 7T	2	
8	931590020400	A	ASSY THERMOSTAT	1	
9	931590019600	A	BOLT FLANGE (10X1.5X25) 7T	2	
10	931590012400	A	GASKET(12)	1	
11	931590073200	A	ADAPTOR WATER I/O - MCV/A BRAKE/TC/HCV	1	
12	931590020600	A	CASE, THERMOSTAT	1	
13	931590020500	A	GASKET,THERMOSTAT COVER	2	
14	931590073300	A	PIPE BYE-PASS (MCV)	1	

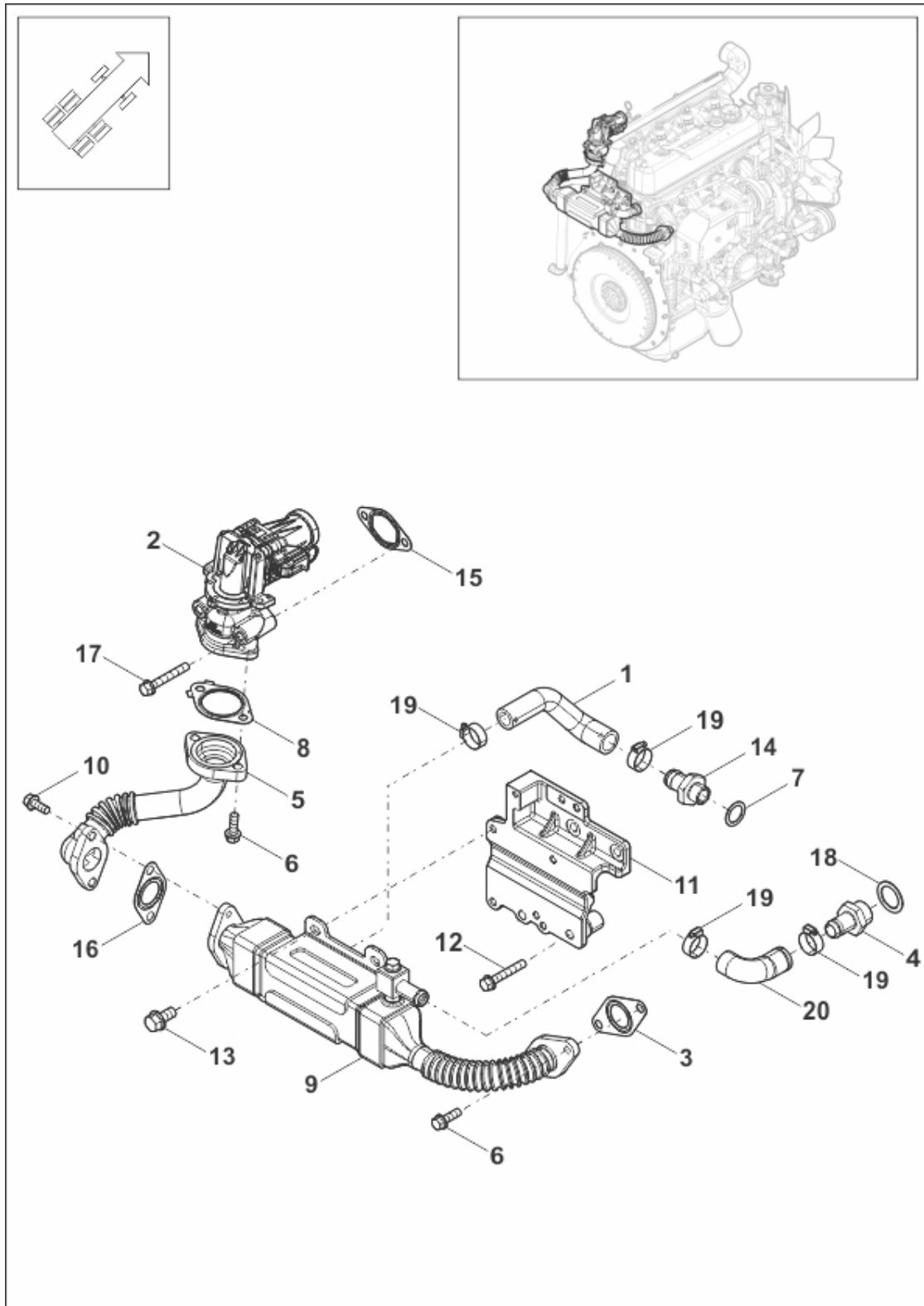
ACCELERATOR PEDAL



ACCELERATOR PEDAL

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590043400	A	ACCELERATOR PEDAL MODULE	1	

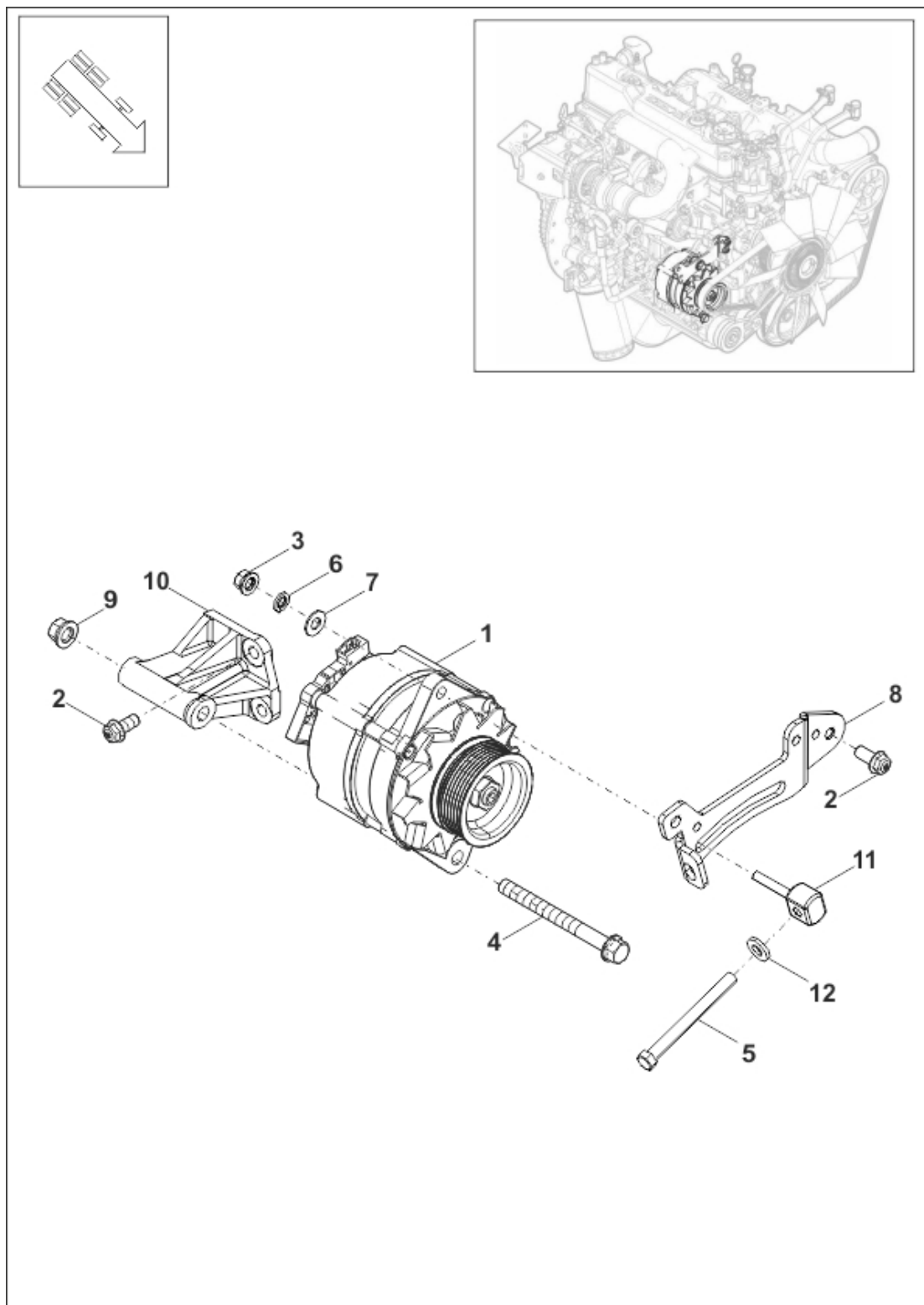
EGR COOLER



EGR COOLER

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590021100	A	COOLANT IN HOSE	1	
2	931590021200	A	EMEGR VALVE	1	
3	931590021300	A	GASKET EGR PIPE	1	
4	931590021400	A	ADAPTOR,WATER INLET	1	
5	931590021500	A	EGR PIPE COLD SIDE	1	
6	931590012800	A	BOLT M8x1.25x25	4	
7	931590011900	A	GASKET (20)	1	
8	931590021800	A	GASKET 64 C.D.	1	
9	931590021900	A	EGR COOLER 27 TUBE	1	
10	931590009700	A	BOLT M8x1.25x20	2	
11	931590022100	A	EGR CAST BRACKET	1	
12	931590022200	A	FLANGE BOLT M8X1.25X50	2	
13	931590022300	A	FLANGE SCREW	1	
14	931590022400	A	ADAPTOR,WATER INLET	1	
15	931590022500	A	GASKET (EGR VALVE TO EGR MIXTURE)	1	
16	931590022600	A	GASKET EGR PIPE	1	
17	931590022700	A	BOLT FLANGE(M8X1.25X55) 7T	2	
18	931590022800	A	GASKET, EYE BOLT (DIA 26) - HCV TC	1	
19	931590022900	A	HOSE CLAMP	4	
20	931590023000	A	EGR COOLANT OUT HOSE	1	

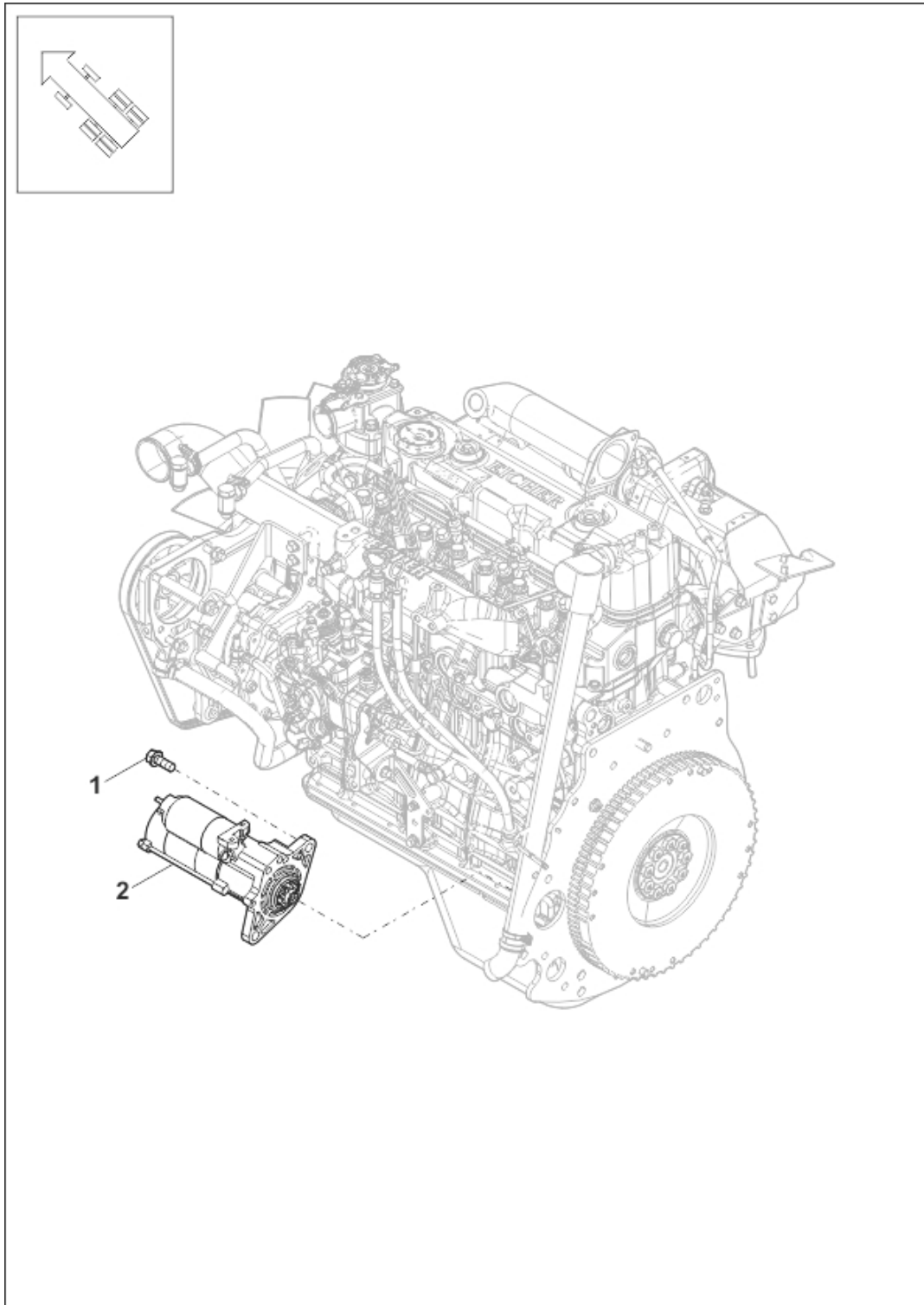
ALTERNATOR



ALTERNATOR

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590055900	A	ALTERNATOR 75A, 12V LCB AB	1	
2	931590008700	A	BOLT FLANGE (10X1.5X22) 1	4	
3	931590071100	A	NUT FL. M10x1.25	1	
4	931590023400	A	BOLT, FLANGE (12x125)	1	
5	931590073400	A	HEX BOLT (10X100)	1	
6	931590073500	A	IB001206,WASHER SPRING M10	1	
7	931590068500	A	PLAIN WASHER 10	1	
8	931590073600	A	BRACKET ALTERNATOR	1	
9	931590027200	A	FLANGE NUT	2	
10	931590073700	A	BRACKET ALTERNATOR	1	
11	931590073800	A	ALTERNATOR BOLT (HCV)	1	
12	931590073900	A	WASHER	1	

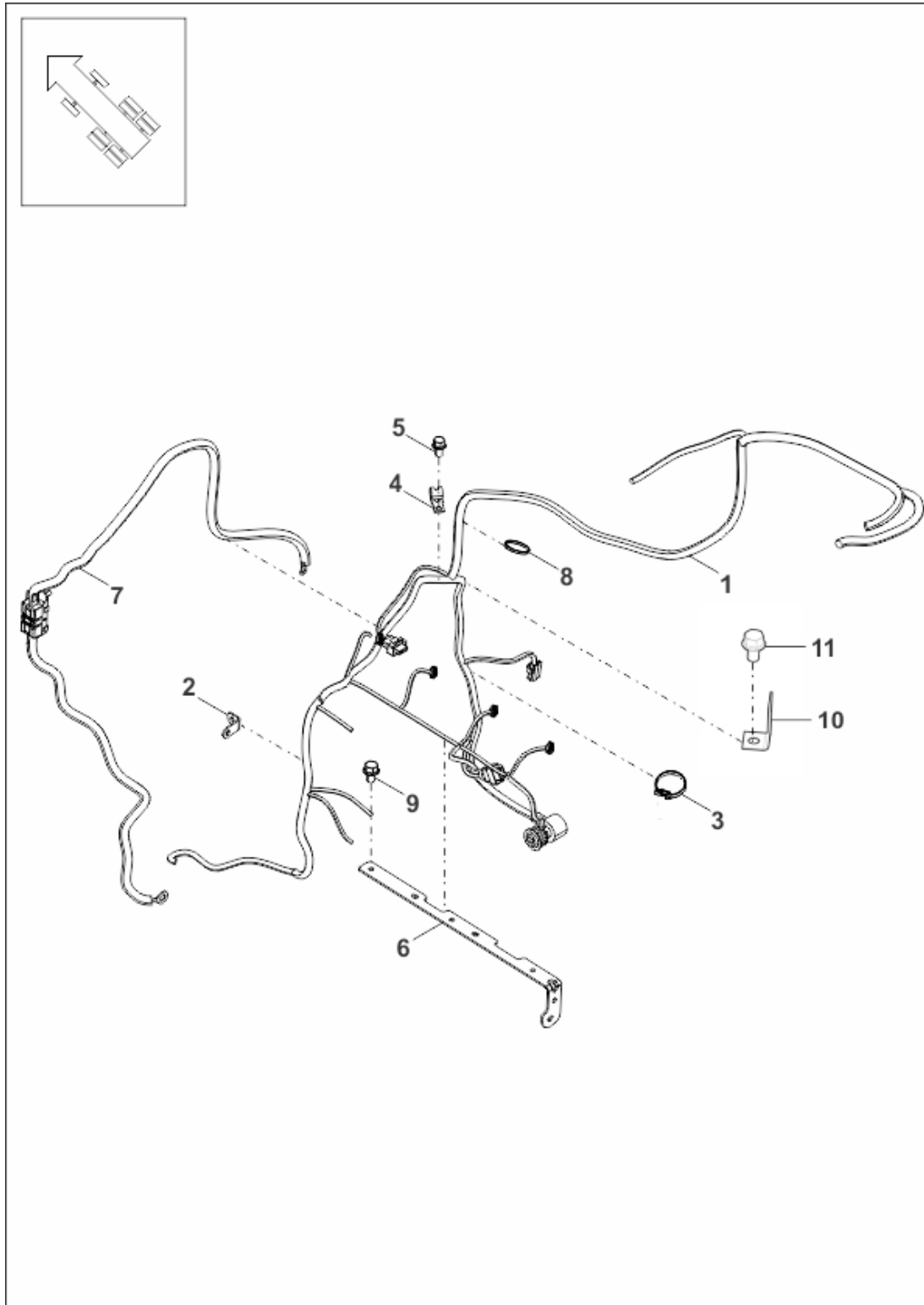
STARTER MOTOR



STARTER MOTOR

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590074000	A	BOLT FLANGE (12X1.25X30) 8	2	
2	931590074100	A	STARTER MOTOR (PRD TYPE)	1	POS 2 are Alternate to eachother

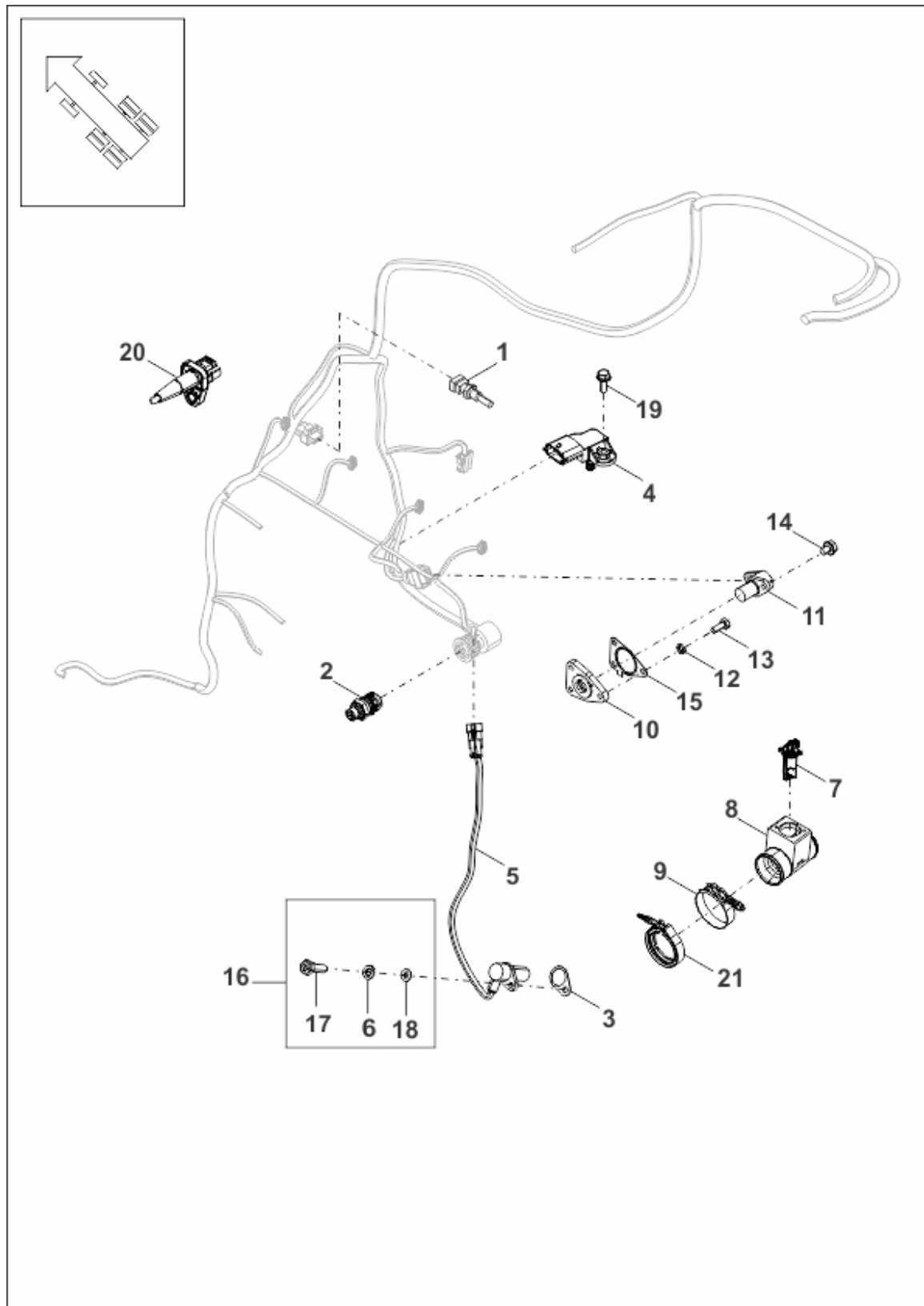
ENGINE WIRING HARNESS



ENGINE WIRING HARNESS

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590043000	A	ENG W/H NON-AUTO VCE DD90 55 KW	1	
2	931590074200	A	BRACKET-MANIFOLDBOTTOM-E483	1	
3	931590074300	A	DISTANCE CLIP	2	
4	931590074400	A	CLIP (60)	1	
5	931590017400	A	BOLT FLANGE (8X1.25X12) 7T	1	
6	931590074500	A	MOUNTING BRACKET	1	
7	931590074600	A	POWER CABLE ALT TO SM	1	
8	931590074700	A	BANDCLIP	17	
9	931590074800	A	BOLT FLANGE M6x1x12	3	
10	931590074900	A	BRACKET, HARNESS, CLIP	1	
11	931590075000	A	BOLT M10x1.25x16	1	
12	931590075100	A	980881 Engine harness clip	5	

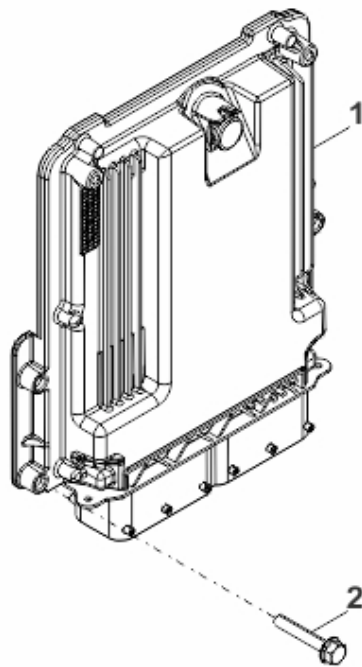
ENGINE SENSORS



ENGINE SENSORS

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590024200	A	TEMPERATURE SENSOR (4 EDC)	1	
2	931590024300	A	OIL PRESSURE SENSOR	1	
3	931590024400	A	SHIM SPEED SENSOR	1	
4	931590024500	A	BOOST PRESSURE SENSOR (LCV/MCV)	1	
5	931590024600	A	SPEED SENSOR (4 EDC)	1	
6	931590024700	A	SPRING WASHER M6	1	
7	931590000500	A	PFM SENSOR 12V/24V E474	1	
8	931590000600	A	PFM SENSOR MTNG BKT	1	
9	931590024800	A	HOSE CLAMP SLTB	3	
10	931590024900	A	PHASE SENSOR MTG PLATE (11.10 EURO III)	1	
11	931590025000	A	PHASE SENSOR (LCV/MCV)	1	
12	931590025100	A	SPRING WASHER M6	3	
13	#N/A	A	BOLT M6x1x16	3	
14	931590025300	A	BOLT FLANGE(6X1X8) 7T	1	
15	931590025400	A	GASKET, FEED PUMP MOUNTING (E-483)	1	
16	931590025500	A	SCR PP W/S PW	1	
17	931590025600	A	BOLT M6X1X20	1	
18	931590025700	A	WASHER PLAINM6	1	
19	931590035300	A	BOLT M6x1x16	1	
20	931590025900	A	AMBIENT TEMPERATURE SENSOR	1	
21	931590026000	A	Intercooler clamp (V Band Clamp)	1	

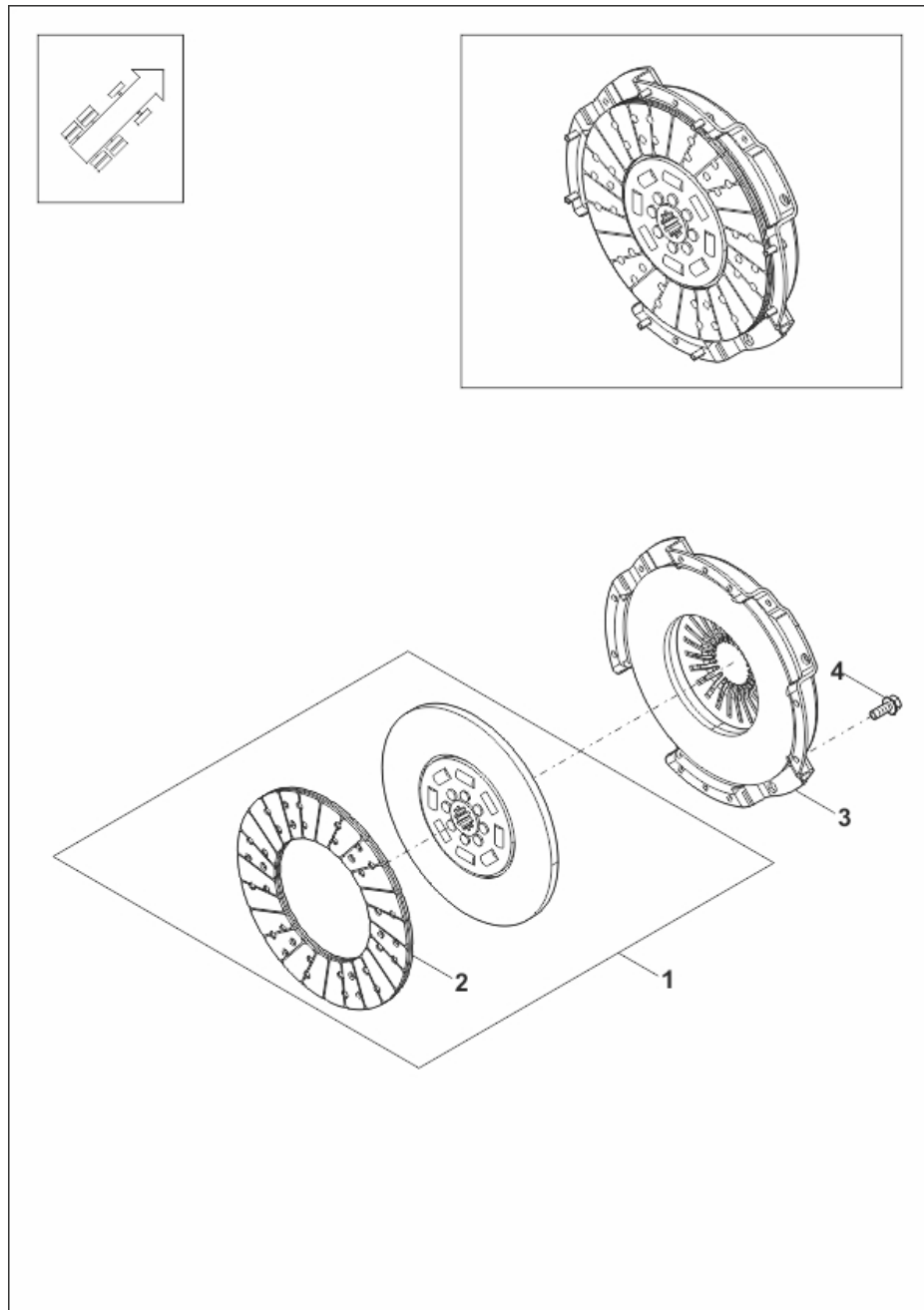
ENGINE ECU



ENGINE ECU

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590007500	A	ECU FOR E494 BSVI	1	
2	931590026100	A	BOLT FLANGE (6X1X35) 4T	4	

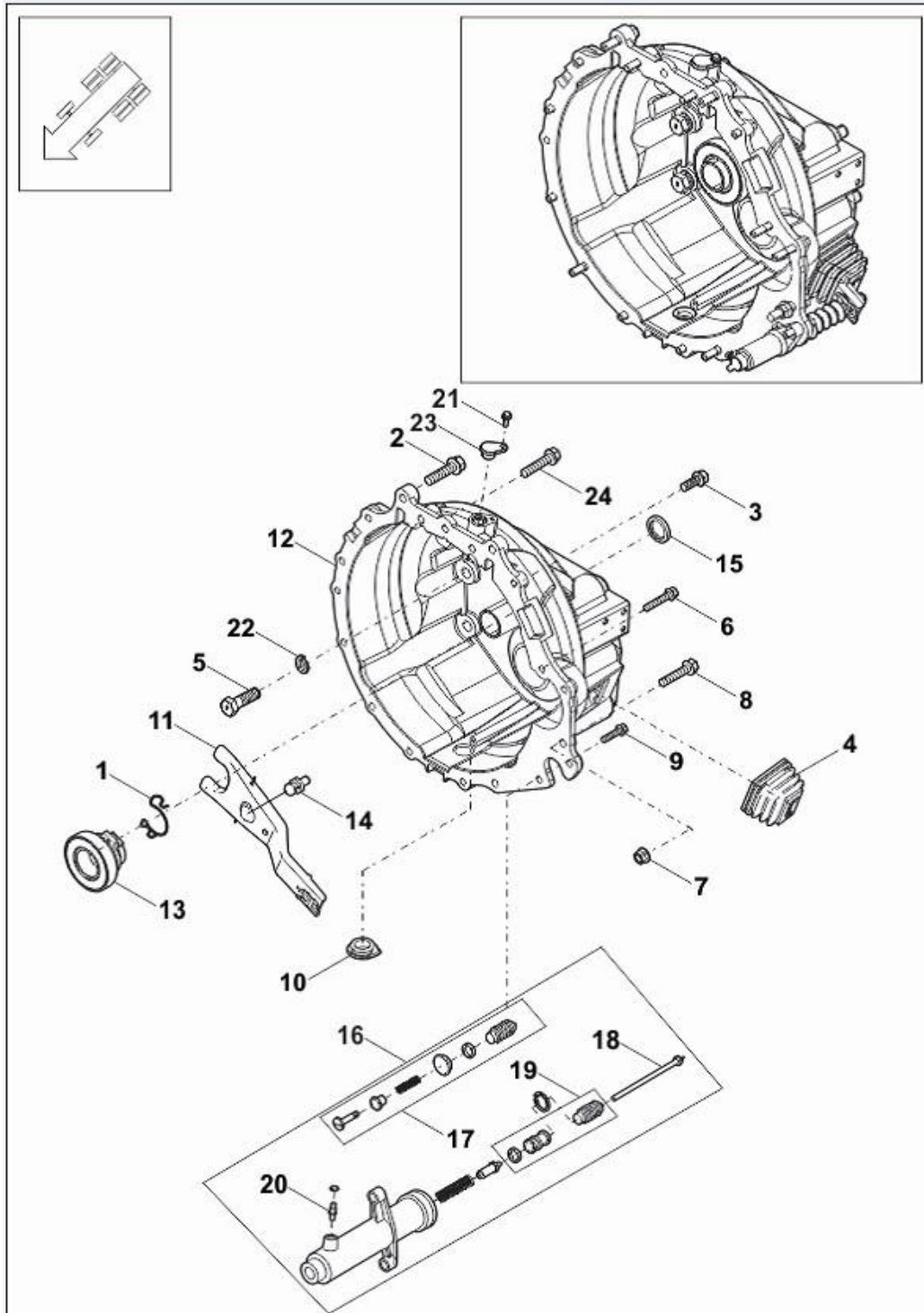
CLUTCH COVER & DISC



CLUTCH COVER & DISC

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590026200	A	CLUTCH DISC DIA 310	1	
2	931590026300	A	FACING REPAIR KIT CLUTCH DISC 310 LUK	1	
3	931590026400	A	COVER ASSY. CLUTCH	1	
4	931590026500	A	BOLT, FLANGEM8X1.25X20	8	

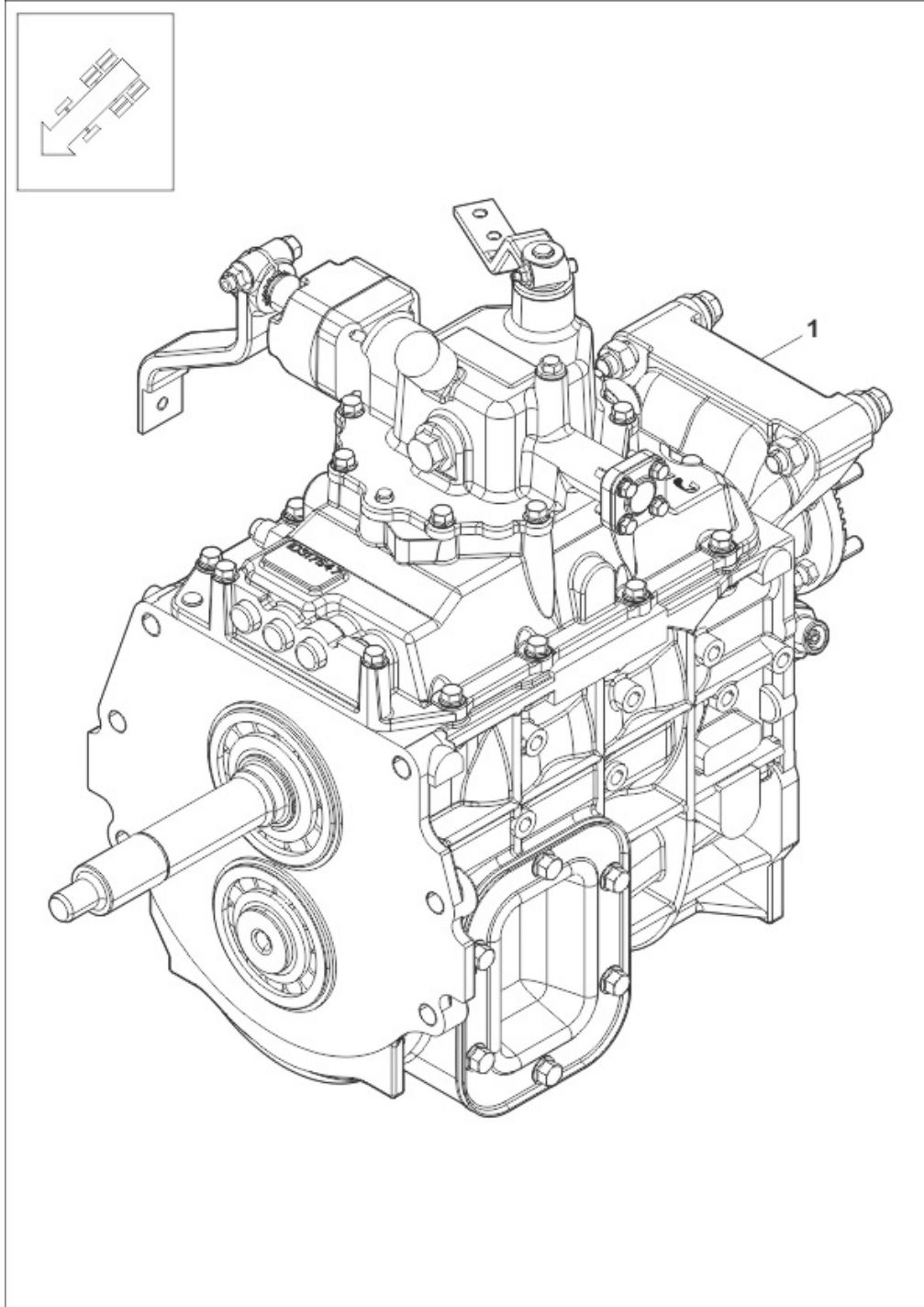
CLUTCH HOUSING & CONTROLS



CLUTCH HOUSING & CONTROLS

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590026600	A	ME600343, SPRING RETURN	1	
2	931590026700	A	MH000710, BOLT FLANGE 12X45	1	
3	931590026800	A	BOLT M10x1.25x25	1	
4	931590026900	A	COVER CLUTCH ROCKER ARM 11.12	1	
5	931590027000	A	IA203475,BOLT FLANGE (16X2X45) T/M CONNE	1	
6	931590035000	A	BOLT FLANGE (10X1.25X50) 7	1	
7	931590027200	A	FLANGE NUT	1	
8	931590027300	A	BOLT, FLANGE (12X55)	1	
9	931590027400	A	BOLT FLANGE (10X1.25X40) 7	1	
10	931590027500	A	PLUG DUST	1	
11	931590027600	A	ID206418, ARM CLUTCH RELEASE (11.10/11.1	1	
12	931590075200	A	ID307931, CLUTCH HOUSING 11.12 KWB	1	
13	931590027800	A	CLUTCH RELEASE BEARING ASSY.	1	
14	931590027900	A	PIVOT ROCKER ARM	1	
15	931590075300	A	ID379580, OIL SEAL, M/T CASEEXTN., RR -	1	
16	931590028100	A	SLAVE CYLINDER ASSY.	1	
17	931590028200	A	S.C.KIT- MINOR (11.10)	1	
18	#N/A	A	KIT PUSH ROD	1	
19	931590028400	A	KIT CYLINDER ASSY POWER MAJOR	1	
20	931590028500	A	BLEED SCREW	1	
21	931590035300	A	BOLT M6x1x16	1	
22	931590028700	A	WASHER SPRING (16)	1	
23	931590028800	A	DUST COVER (LCV,MCV,15.16)	1	
24	931590053200	A	BOLT FLANGE (10X1.5X50) 7T	1	

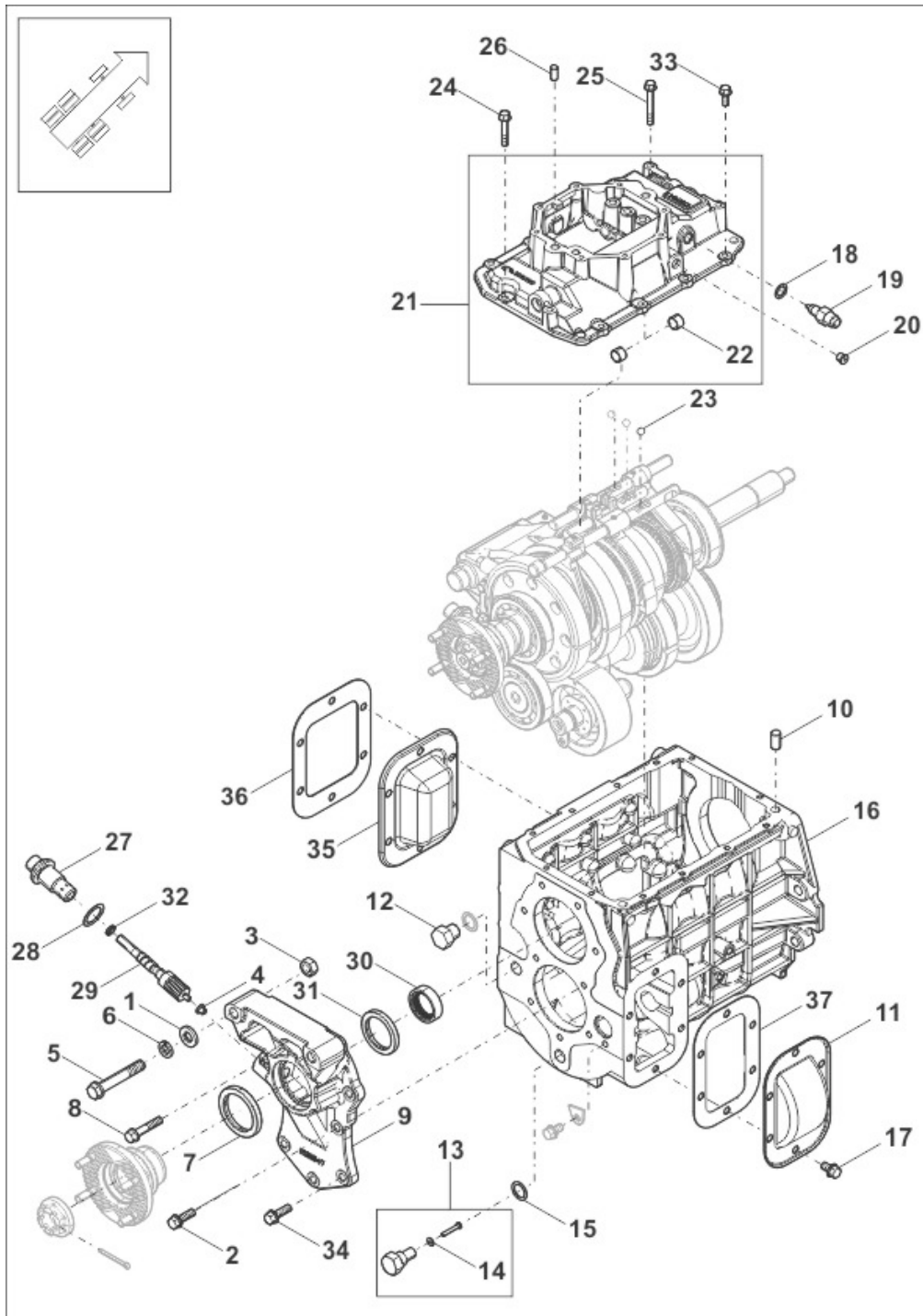
TRANSMISSION ASSY



TRANSMISSION ASSY

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590075400	A	T/M ASSY FOR 55KW ACE (NON AUTO)	1	

TRANSMISSION CASE ASSY



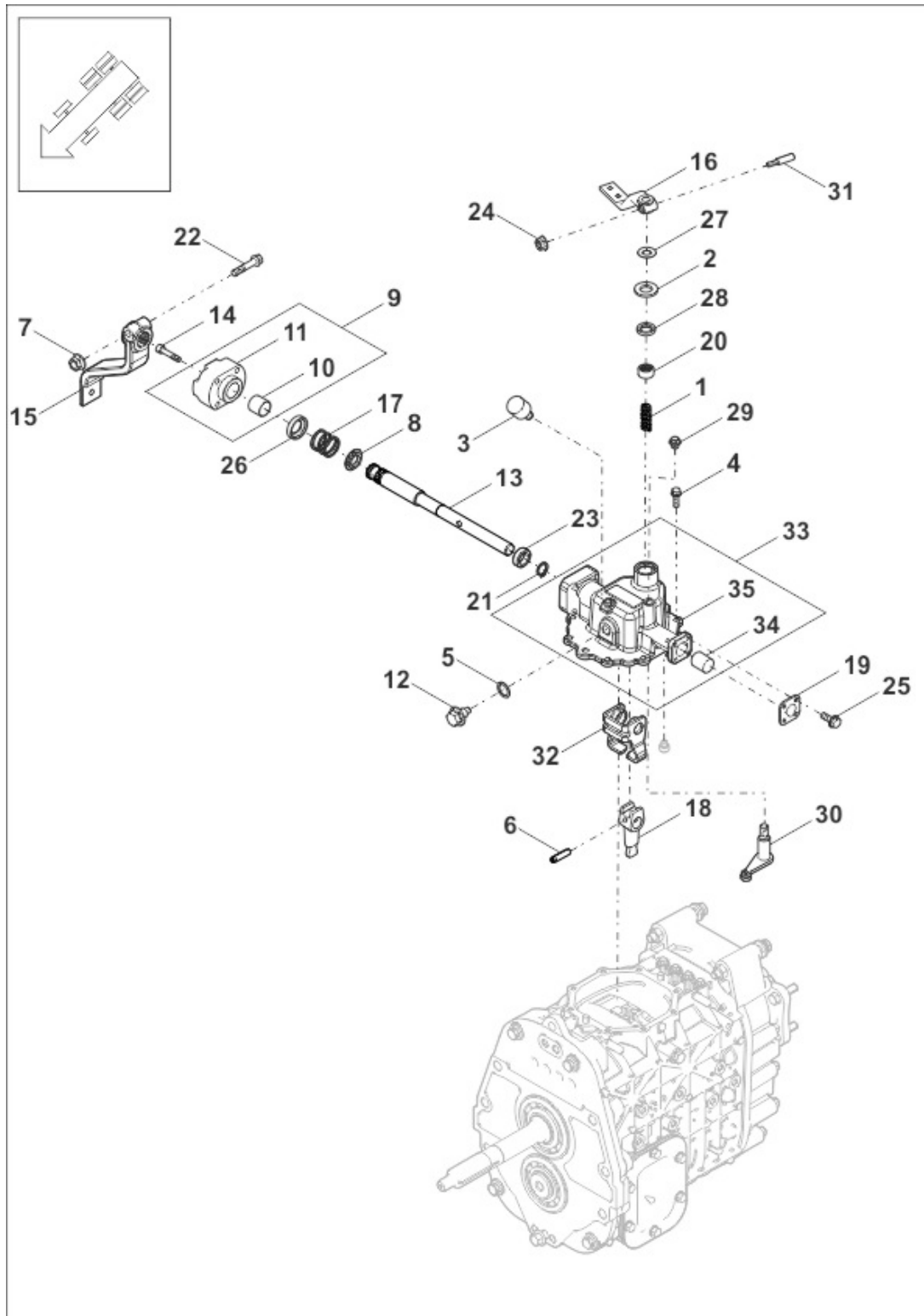
TRANSMISSION CASE ASSY

Pos.	Part No.	Rev.	Description	Qty	Remarks
1	931590029100	A	WASHER	2	
2	931590029200	A	FLANGE SCREW	8	
3	931590029300	A	NUT	2	
4	931590029400	A	BUSHING SPEEDOMETER GEAR,	1	
5	931590029500	A	IA203479,BOLT CASE L/R ASY	2	
6	931590029600	A	SPRING WASHER M-14	2	
7	931590029700	A	ID200336, OIL SEAL CASE EXTN-HCV	1	
8	931590053200	A	BOLT FLANGE (10X1.5X50) 7T	1	
9	931590029900	A	ID311347, REAR COVER 1114	1	
10	931590030000	A	ID201239, PIN, T/M CASE - HCV	2	
11	931590030100	A	REVERSE GEAR COVER (11.12)	1	
12	931590030200	A	PLUG DRAI 20	1	
13	931590030300	A	ME654546, PLUG, MAGNET	1	
14	931590030400	A	PLAIN WASHER M5	1	
15	931590030500	A	GASKET (20)	2	
16	931590030600	A	CASE TRANSMISSION	1	
17	931590030700	A	BOLT FLANGE (10X1.5X16) 7T	6	
18	931590030800	A	IB003405,GASKET (14)REV GEAR SWITCH	1	
19	931590030900	A	SWITCH ASSY BACK UP LAMP - HCV	1	
20	931590031000	A	PLUG CASE LOWER HCV	1	
21	#N/A	A	LOWER CASE	1	

TRANSMISSION CASE ASSY

Pos.	Part No.	Rev.	Description	Qty	Remarks
21	931590031200	A	LOWER CASEET40S5	2	
22	931590031300	A	IB003200, BUSHING SHIFT RAIL	1	
23	931590031400	A	BALL STEEL (13/32)	3	
24	931590031500	A	BOLT FLANGE (M8X1.25X45) 7	1	
25	931590031600	A	BOLT FLANGE (8X60)	2	
26	931590031700	A	DOWEL PIN 10X20	2	
27	931590031800	A	ID200343,BUSHING SPEEDO	1	
28	931590031900	A	ID200344,GASKET SPEEDO GEAR	1	
29	#N/A	A	GEAR SPEEDO METER (HCB)	1	
30	#N/A	A	WORM SPEEDO METER (HCB)	1	
31	931590032200	A	SPEEDO GEAR SPACER - HCV	1	
32	931590032300	A	OIL SEAL (7487)	1	
33	931590009700	A	BOLT M8x1.25x20	9	
34	931590030700	A	BOLT FLANGE (10X1.5X16) 7T	6	
35	931590032600	A	ID202357, P T O COVER (HCV)	1	
36	931590046400	A	ID200506,GASKET PTO COVER	1	
37	931590032800	A	GASKET REVERSE GEAR COVER (11.12)	1	

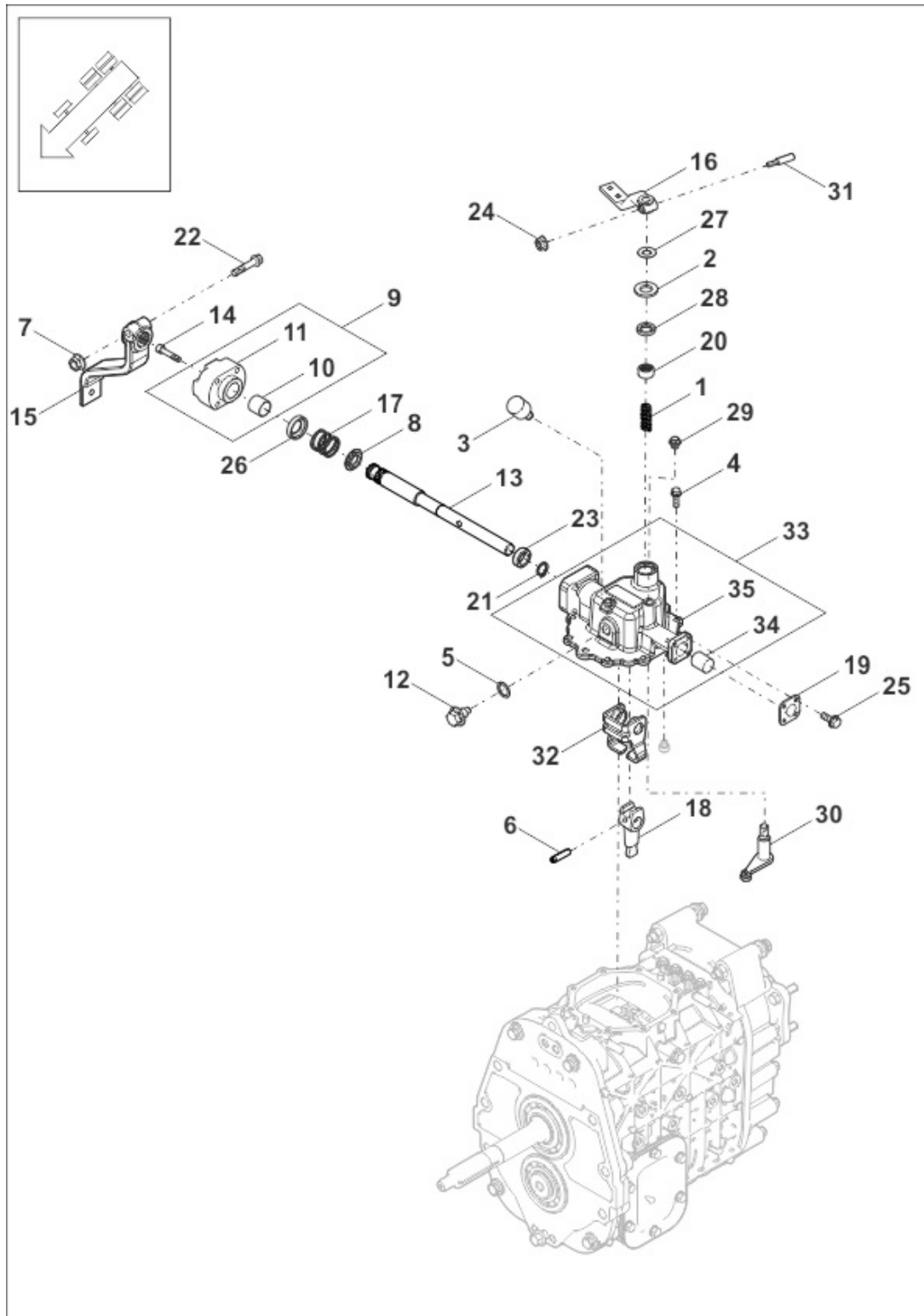
CASE UPPER



CASE UPPER

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590042400	A	ID317575, DETENT SPRING	3	
2	931590033000	A	ID200412,WASHER G/S UPPER EQPT	1	
3	931590033100	A	BREATHER (M1-M2)	1	
4	931590012800	A	BOLT M8x1.25x25	8	
5	931590016700	A	GASKET, FUEL FILTER	1	
6	931590033400	A	ID304013, SPRING PIN ASSY	1	
7	931590033500	A	NUT, JOINT PROP. SHAFT (6X2)	1	
8	931590033600	A	ID314401, Retainer Spring	2	
9	931590033700	A	END COVERASSY	1	
10	931590033800	A	BUSH CROSS SHAFT	1	
11	931590033900	A	End Cover	1	
12	931590034000	A	BLOCKER PIN	1	
13	931590034100	A	CROSS SHAFTET60S5	1	
14	931590034200	A	Allen Bolt	4	
15	931590034300	A	LEVER, CROSS SHAFT	1	
16	931590034400	A	SELECT LEVER-B	1	
17	931590034500	A	SELECT SPRING	1	
18	931590034600	A	ID314400, SHIFT,FINGER	1	
19	931590034700	A	COVER CASE UPPER	1	
20	931590034800	A	BEARING SELECT PIN	2	
21	931590034900	A	CIRCLIP	1	

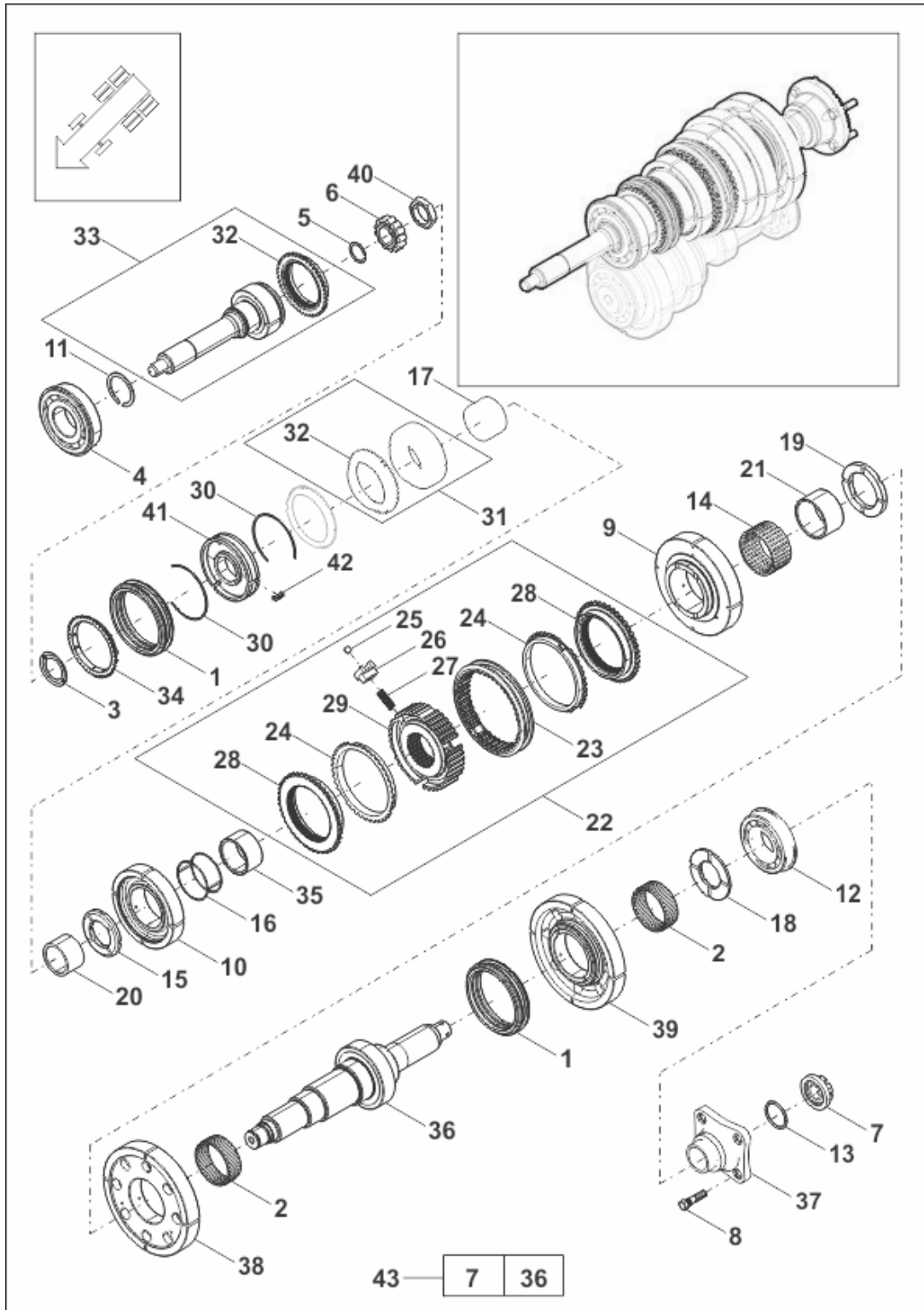
CASE UPPER



CASE UPPER

S.NO.	Part No.	Rev.	Description	Qty	Remarks
22	931590035000	A	BOLT FLANGE (10X1.25X50) 7	1	
23	931590035100	A	SPACER ET40 S5	1	
24	931590035200	A	FLANGE NUT M-6	1	
25	931590035300	A	BOLT M6x1x16	4	
26	931590035400	A	OIL SEAL CROSS SHAFT (MAV)	1	
27	931590035500	A	ID200408,SHIM UPPER G/S CONT.	1	
28	931590035600	A	ID200405, OIL SEAL SELECT LEVER-HCV	1	
29	931590035700	A	PLUG SCREW	1	
30	931590035800	A	SELECT LEVER-A	1	
31	931590035900	A	PIN LOCK,M/T G/SHIF	1	
32	931590036000	A	CASE UPPERBLOCKER	1	
33	931590036100	A	ASSY CASE UPPERET40S6	1	
34	931590036200	A	BUSHING,SHIFT RAIL A/B	1	
35	931590036300	A	CASE UPPER ET55S6	1	
6	#N/A	A	SPRING PIN	1	
6	#N/A	A	PIN SPRING	1	

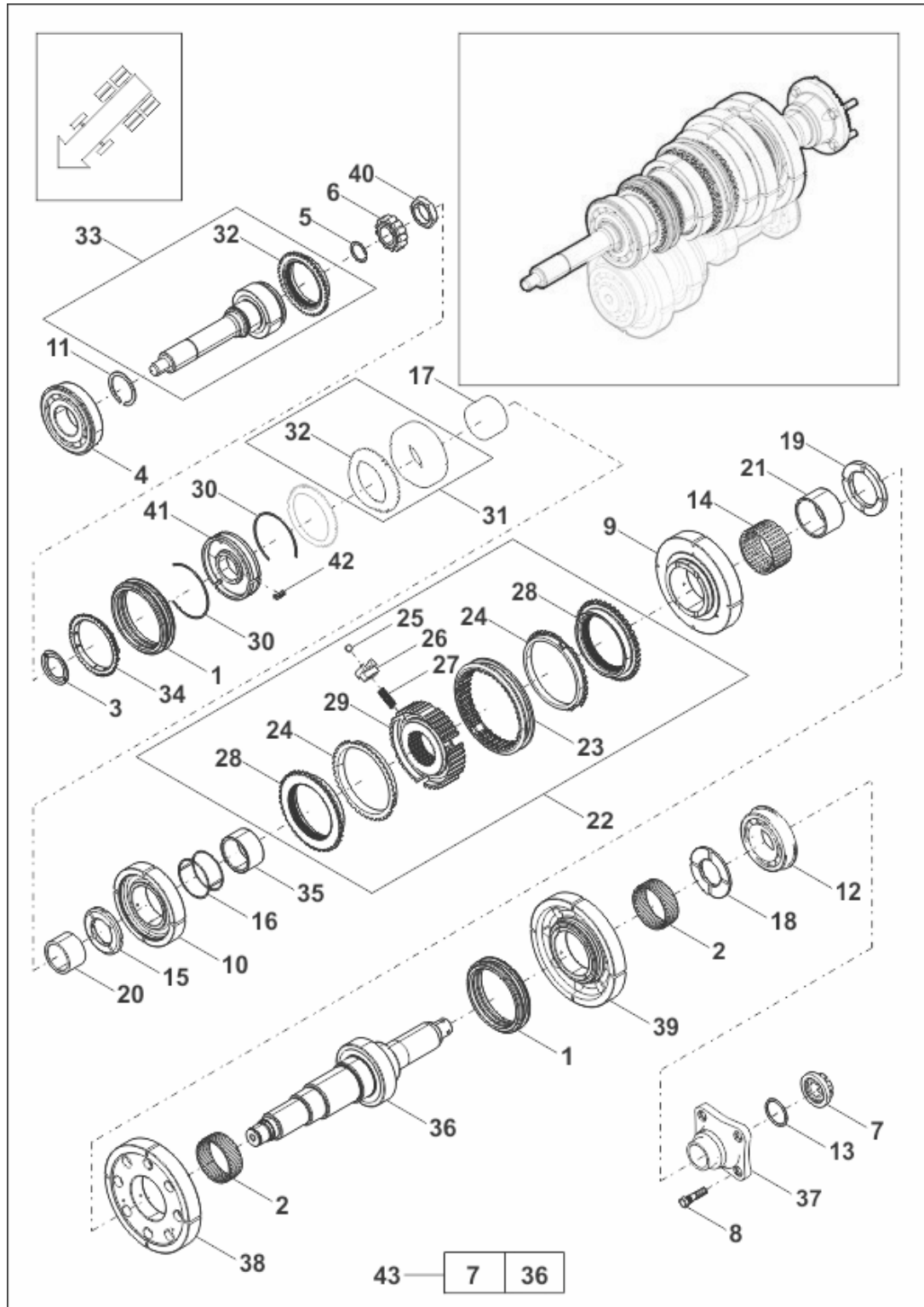
GEAR TRAIN MAIN SHAFT



GEAR TRAIN MAIN SHAFT

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590036400	A	IB003080, SLEEVE SYNCHRONIZER (BIG)	2	
2	931590036500	A	ID200349,BEARING REV GEAR - HCV	2	
3	931590036600	A	ID200377,WASHER 4th&5th SNCRO	1	
4	931590036700	A	ID200455, BEARING MAIN SHAFT (HCV)-(NUP3	1	
5	931590036800	A	ID200380,SNAP RING, MAIN SHAFT (HCV)	1	
6	931590036900	A	ID200359, BEARING PILOT MAIN SHAFT - HCV	1	
7	931590037000	A	ID366092, Nut Mainshaft	1	
8	931590037100	A	IA205446,BOLT COMPANION FLANGE (HCV)	4	
9	931590037200	A	GEAR MAIN SHAFT 2ND (11.12)	1	
10	931590037300	A	GEAR MAIN SHAFT 3RD (11.12)	1	
11	931590037400	A	SNAP RING (HCV)	1	
12	931590037500	A	ID200466, BEARING COUNTER SHAFT (HCV) NU	2	
13	931590037600	A	O-RING	1	
14	931590037700	A	ID200457, BEARING 3RD SPEED - HCV	1	
15	931590037800	A	THRUST WASHER 3RD/4TH GEAR (11.12)	1	
16	931590037900	A	NEEDLE ROLLER BRG. 3RD GEAR B60243-11.12	1	
17	931590038000	A	ID206293, NEEDLE ROLLER BRG. 4TH GEAR B6	1	
18	931590038100	A	THRUST WASHER REV. GEAR (11.12)	1	
19	931590038200	A	THRUST WASHER 1ST/2ND GEAR (11.12)	1	
20	931590038300	A	BEARING SLEEVE 4TH GEAR (11.12)	1	
21	931590038400	A	BEARING SLEEVE 2ND GEAR (11.12)	1	

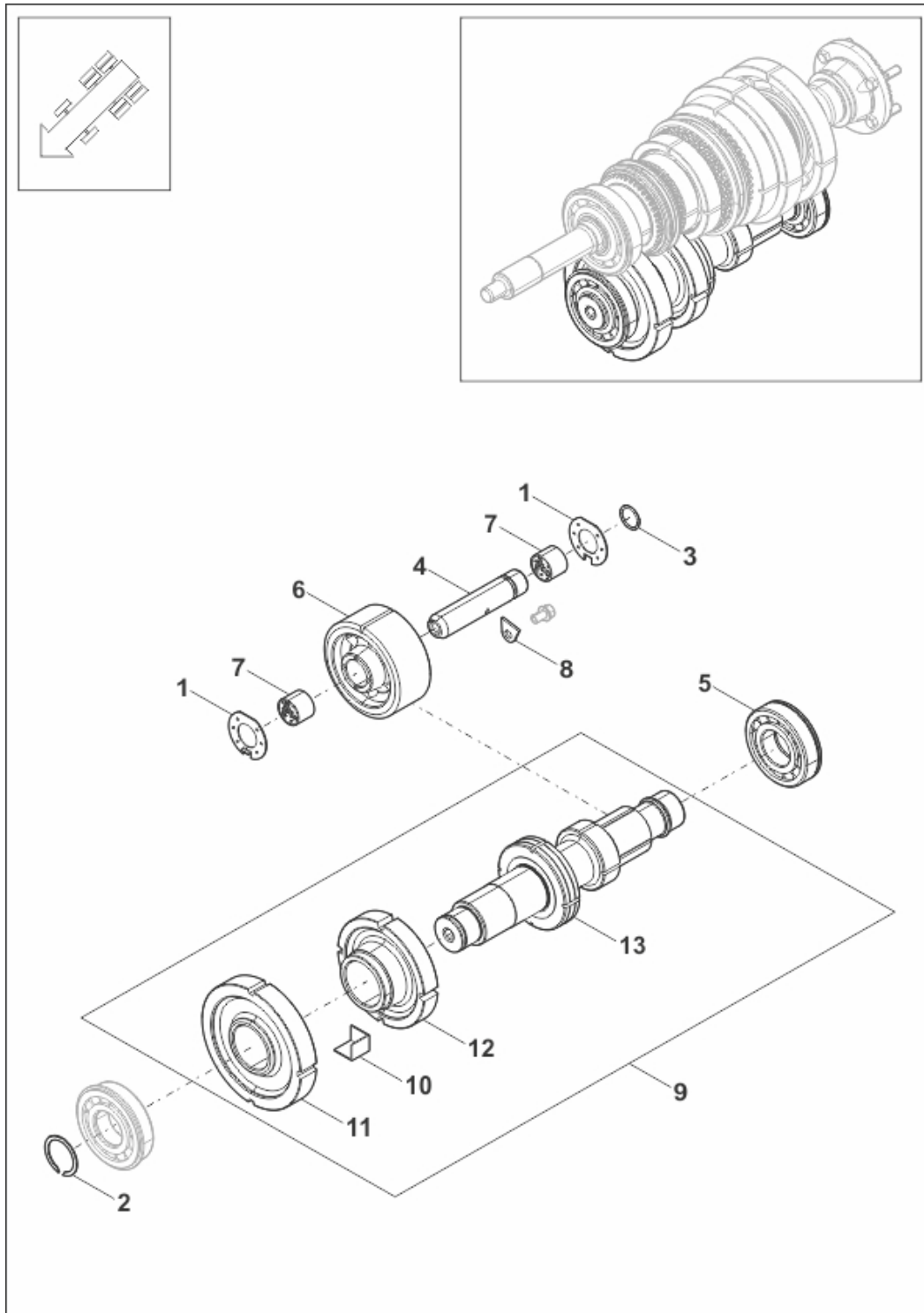
GEAR TRAIN MAIN SHAFT



GEAR TRAIN MAIN SHAFT

S.NO.	Part No.	Rev.	Description	Qty	Remarks
23	931590038600	A	SLEEVE 2ND-3RD SYNCHRO (HCV)	1	
24	931590038700	A	SYN. RING (Carburised)	2	
25	931590038800	A	BALL SYNCHRO (HCV)	3	
26	931590038900	A	POPPET (HCV)	3	
27	931590039000	A	SPRING 2ND-3RD SYNCHRO (HCV)	3	
28	931590039100	A	CLUTCH BODY RING (HCV)	2	
29	931590039200	A	SYNCHRO HUB 2ND-3RD (HCV)	1	
30	931590039300	A	SPRING,SHIFITING KEY	2	
31	931590039400	A	GEAR MAIN SHAFT 4TH (11.12)	1	
32	931590075500	A	CONE SYNCHRO	1	
33	931590039600	A	ASSY. DRIVE PINION (11.12)	1	
34	931590039700	A	ME603242, RING SYNCHRONIZER	2	
35	931590039800	A	SLEEVE BRG 3RD GEAR	1	
36	931590039900	A	MAINSHAFT	1	
37	931590040000	A	COMPANION FLANGE (TERRA 16)	1	
38	931590040100	A	GEAR MAIN SHAFT 1ST	1	
39	931590040200	A	GEAR MAIN SHAFT REV. (11.12)	1	
40	931590040300	A	ID200385, NUT M 36*1.5	1	
41	931590040400	A	HUB 4TH/5TH SYNCRONISER (HCV TIPPER)	1	
42	931590040500	A	ME600129, KEY SHIFTING	3	
43	931590075600	A	ET40S5 MAIN SHAFT KIT	1	

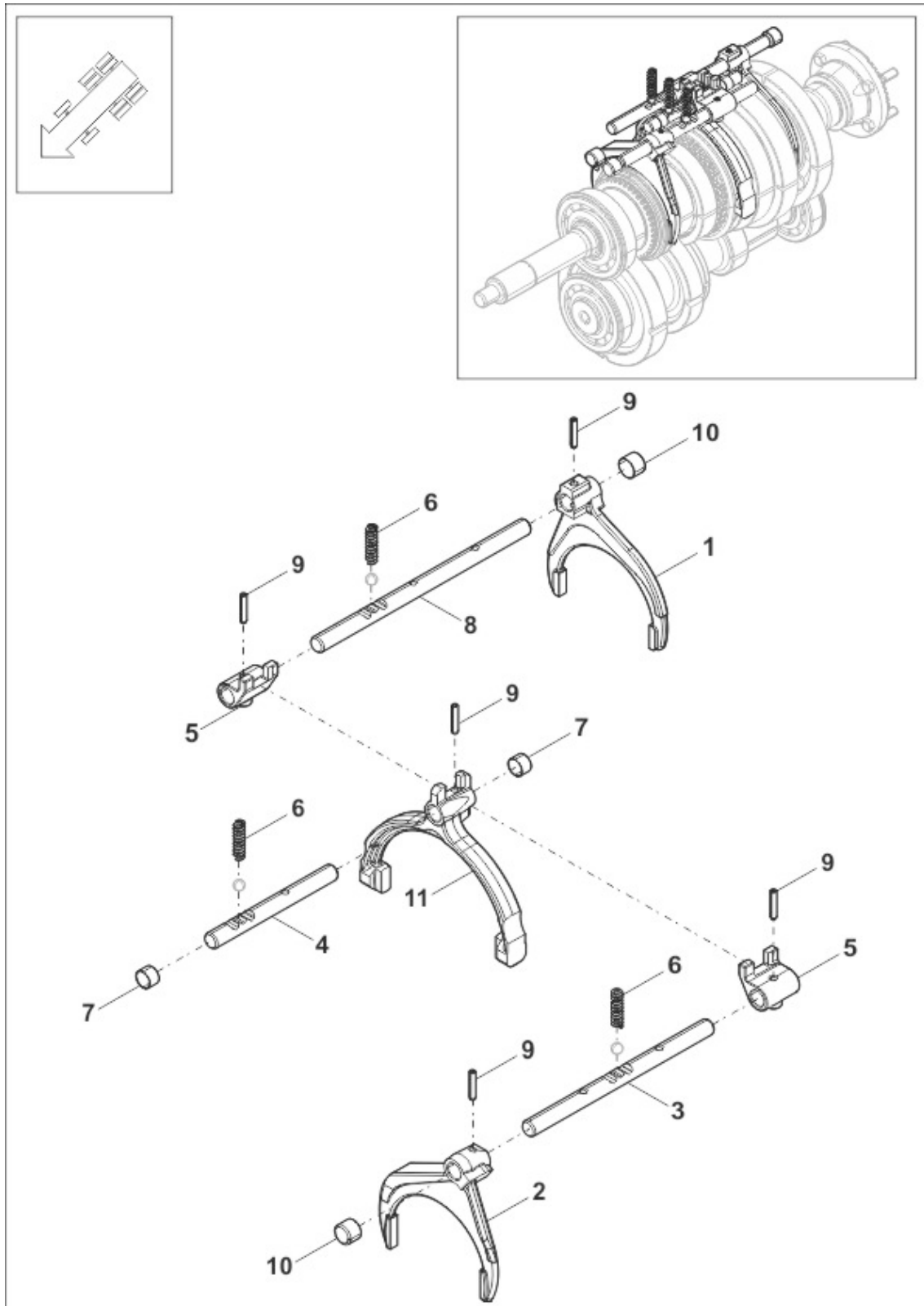
GEAR TRAIN COUNTER SHAFT



GEAR TRAIN COUNTER SHAFT

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590040600	A	ID200365,WASHER REV IDLR GR	2	
2	931590040700	A	ID200381,SNAP RING, COUNTER SHAFT (HCV)	1	
3	931590040800	A	ID200383,O RING REV.GEAR SHAFT-HCV	1	
4	931590040900	A	ID200373,SHAFT REVERSE IDLER GEAR (HCV)	1	
5	931590041000	A	BEARING COUNTER SHAFT RR COVER SIDE (HCV	1	
6	931590041100	A	REV IDLER ASSLY (11.12)	1	
7	931590041200	A	BUSH REV GEAR	2	
8	931590041300	A	PIECE REV SHIFT LOCK	1	
9	931590041400	A	ID206308, COUNTER SHAFT ASSY	1	
10	#N/A	A	LOCTITE 603	1	
11	931590041600	A	CM GEAR COUNTER SHAFT (11.12)	1	
12	931590041700	A	4TH GEAR COUNTER SHAFT (11.12)	1	
13	931590041800	A	COUNTER SHAFT (11.12)	1	

GEAR SHIFT ASSY

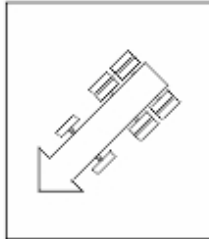


GEAR SHIFT ASSY

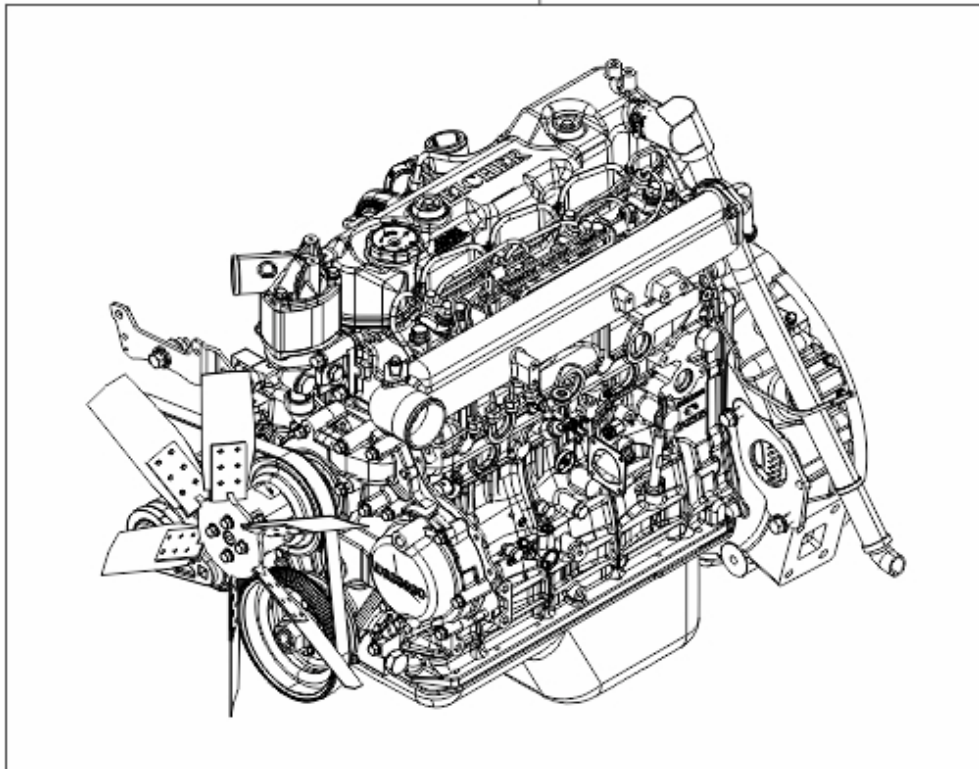
S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590041900	A	ID306273, FORK 1ST - REV	1	
2	931590042000	A	ID306275, FORK GEAR SHIFT 4TH - 5TH	1	
3	931590042100	A	RAIL 4-5 GEAR SHIFT ET40S5	1	
4	931590042200	A	RAIL ASSY 2ND / 3RD ET40S5	1	
5	931590042300	A	1ST JAW	2	
6	931590042400	A	ID317575, DETENT SPRING	3	
7	931590031300	A	IB003200, BUSHING SHIFT RAIL	2	
8	931590042600	A	RAIL 1ST / REV GEAR SHIFT ET 40S5	1	
9	931590042700	A	ASSY PIN SPRING DIA 6	5	
10	931590042800	A	ME620348, PLUG DUST	4	
11	931590042900	A	FORK 2ND & 3RD GEAR SHIFT ET40S5	1	

ENGINE ASSY (101 HP EICHER)

ENGINE ASSY



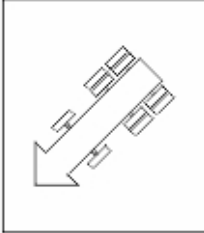
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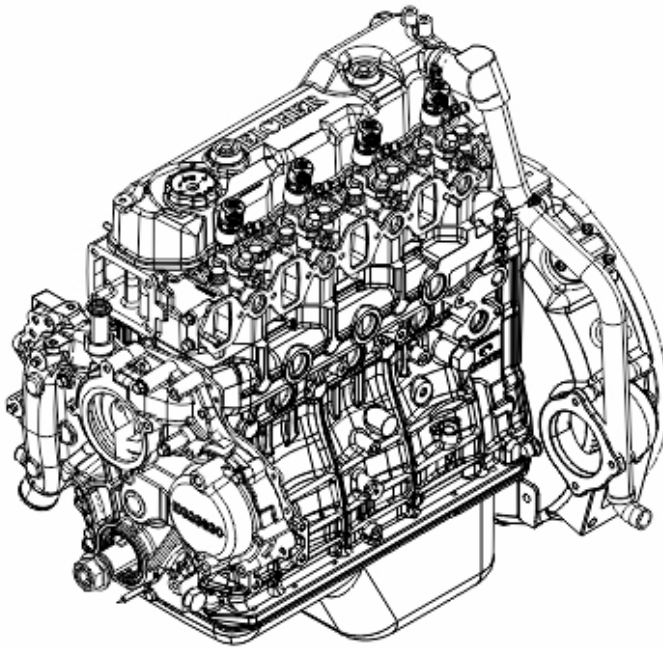
ENGINE ASSY

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590055000	A	E483/CEV4/12V/74KW/ NON AUTO	1	

SKELETON ENGINE



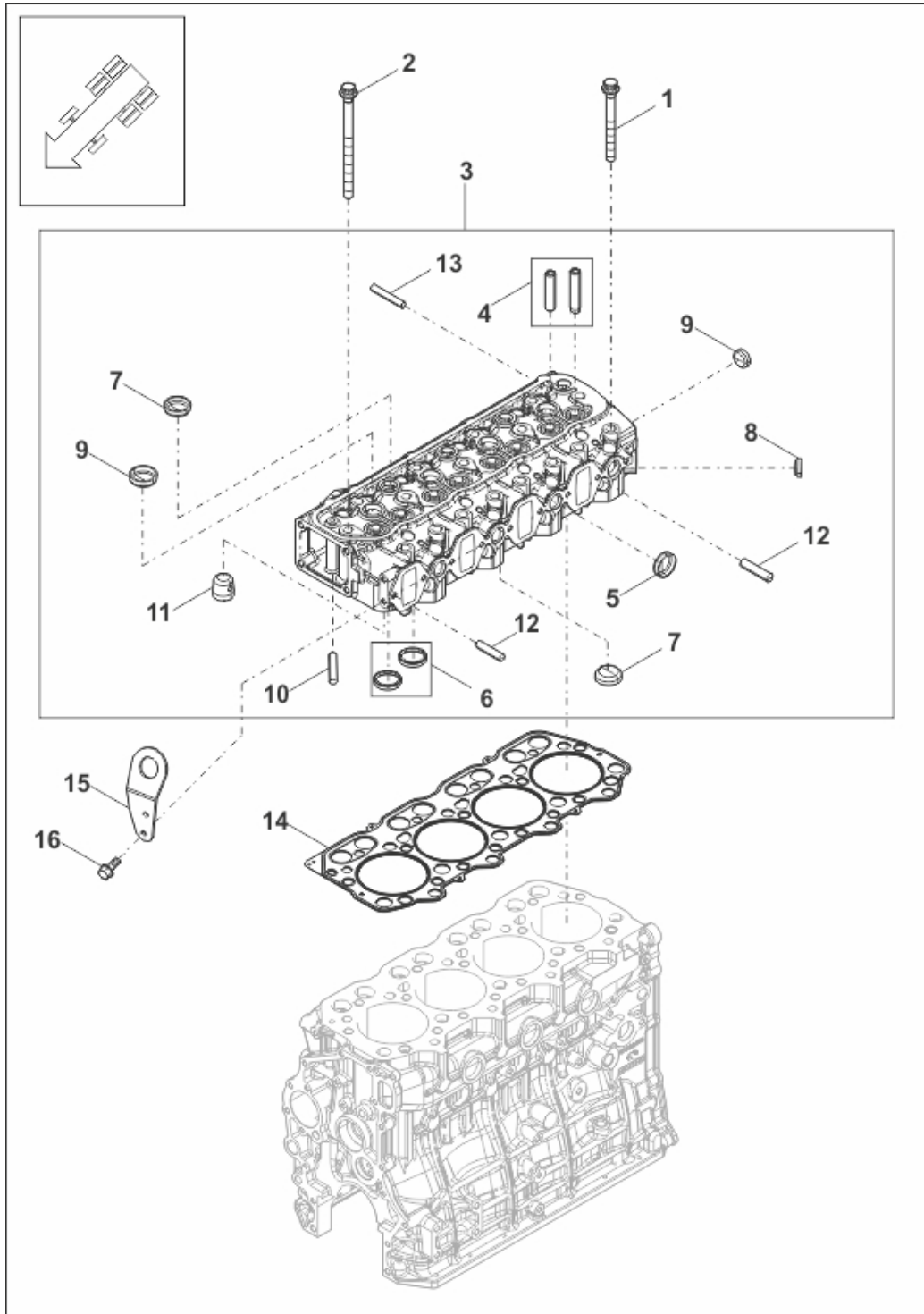
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SKELETON ENGINE

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590056300	A	SKELETON ENGINE 483 CEV IV (ACE) 55 kw	1	

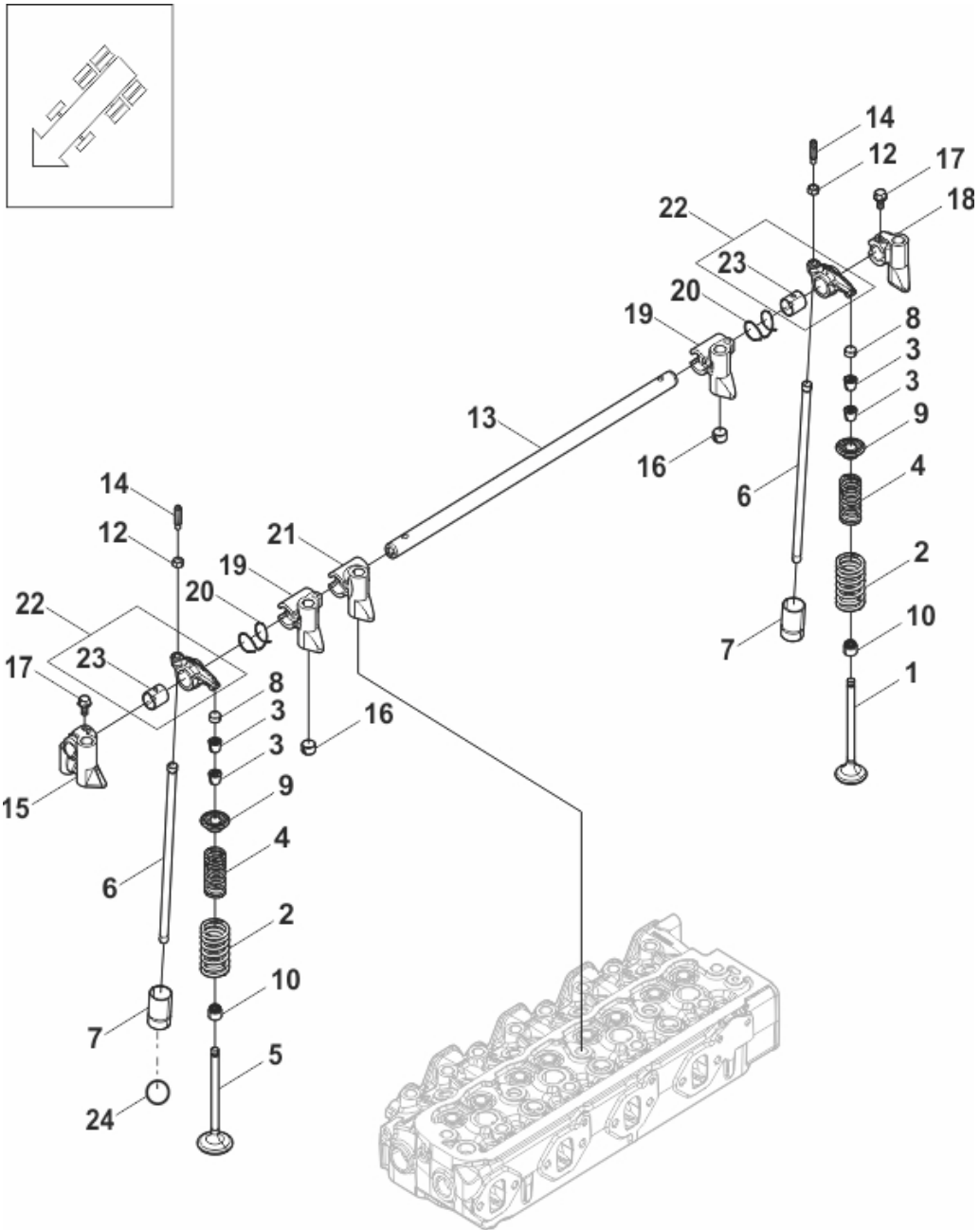
CYLINDER HEAD



CYLINDER HEAD

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590056400	A	BOLT,CYLINDER HEAD (14x122)	12	
2	931590056500	A	BOLT,CYLINDER HEAD (14x180)	5	
3	931590056600	A	CYLINDER HEAD ASSEMBLY	1	
4	931590056700	A	GUIDE VALVE SET KIT	1	
5	931590056800	A	CAP SEALING (25)	4	
6	931590056900	A	VALVE SEAT SET E483	1	
7	931590057000	A	CAP SEALING (22)	7	
8	931590057100	A	CAP SEALING (D14)	4	
9	931590057200	A	CAP SEALING (28)	5	
10	931590016900	A	STUD	1	
11	931590057300	A	DIRECTOR, CYLINDER HEAD	1	
12	931590057400	A	STUD TC MOUNTING (8 X1.25)	4	
13	931590057500	A	STUD, CYLINDER HEAD (M10 X1.5) - 4TC	6	
14	931590042500	A	GASKET CYLINDER HEAD	1	POS 14 are alternate to each other
14	931590033300	A	GASKET CYLINDER HEAD	1	POS 14 are alternate to each other
15	931590057600	A	PLATE HANGER	1	
16	931590009700	A	BOLT M8x1.25x20	2	

VALVE TRAIN

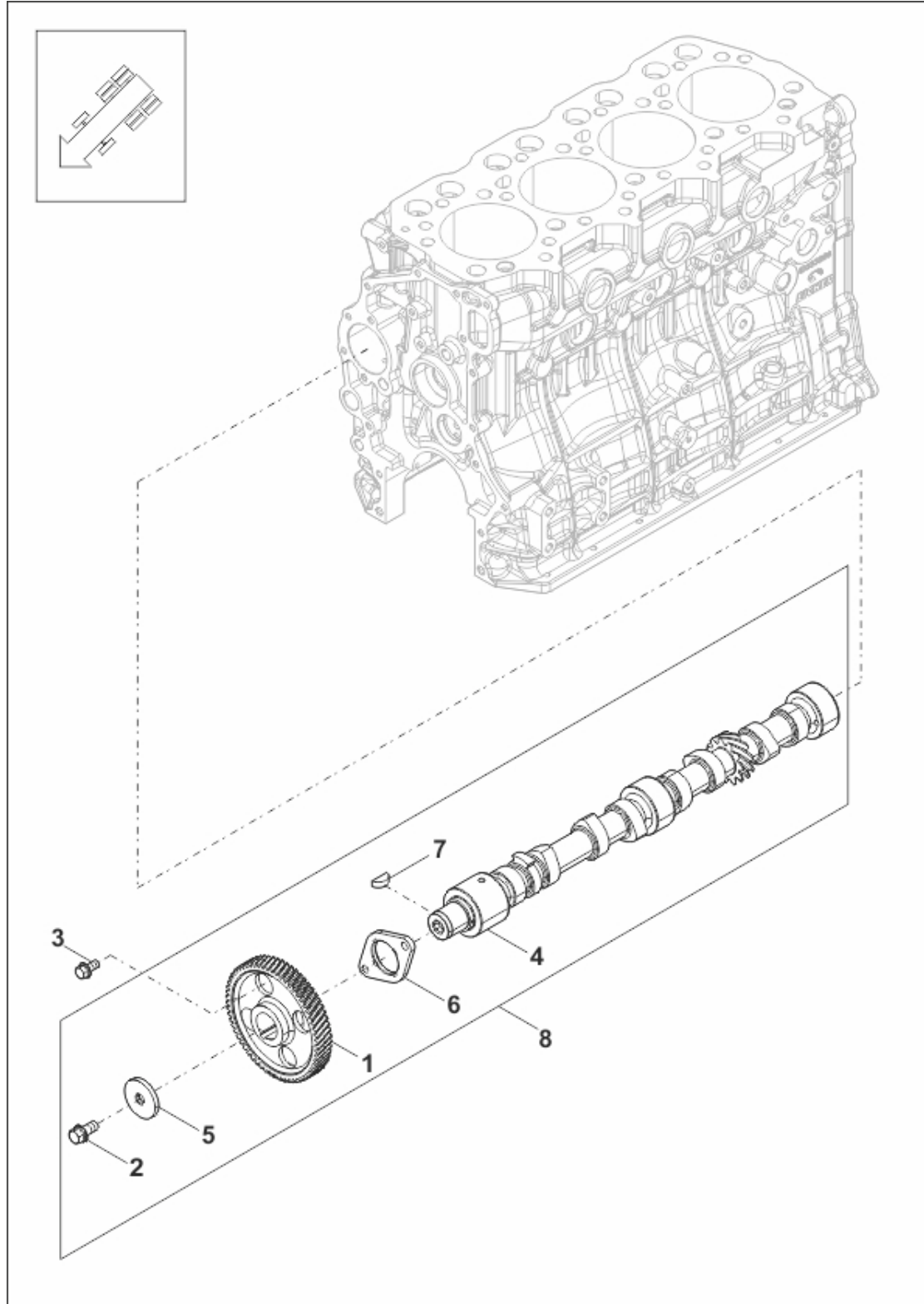


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VALVE TRAIN

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590000900	A	VALVE,EXHAUST	4	
2	931590001000	A	SPRING VALVE OUTER	8	
3	931590001100	A	LOCK,VALVE SPRING RETAINER	16	
4	931590001200	A	SPRING VALVE INNER	8	
5	931590001300	A	VALVE INLET	4	
6	931590001400	A	PUSH ROD ASSY	8	
7	931590001500	A	TAPPET	8	
8	931590001600	A	CAP VALVE GEAR TRAIN	8	
9	931590001700	A	RETAINER UPPER,VALVE SPRING	8	
10	931590001800	A	SEAL, VALVE STEM	8	
11	931590001900	A	SHAFT ASSY,ROCKER	1	
12	931590057700	A	NUT, ROCKER SHAFT	8	
13	931590045300	A	SHAFT ASSY,ROCKER	1	
14	931590002200	A	MH001002, SCREW ADJUSTING 8X32	8	
15	931590002300	A	BRACKET,ROCKER SHAFT FR.	1	
16	931590002400	A	PIN SPRING 17X1	2	
17	931590002500	A	BOLT M6x1.0x12	2	
18	931590002600	A	BRACKET ROCKER SHAFT RR	1	
19	931590002700	A	BRACKET,ROCKER SHAFT 2&4	2	
20	931590002800	A	SPRING ROCKER SHAFT	4	
21	931590002900	A	BRACKET,ROCKER SHAFT 3	1	
22	931590003000	A	ROCKER ARM ASSY, INL & EXH	8	
23	931590003100	A	BUSHING, ROCKER	1	
24	931590057800	A	BALL, STEEL	1	

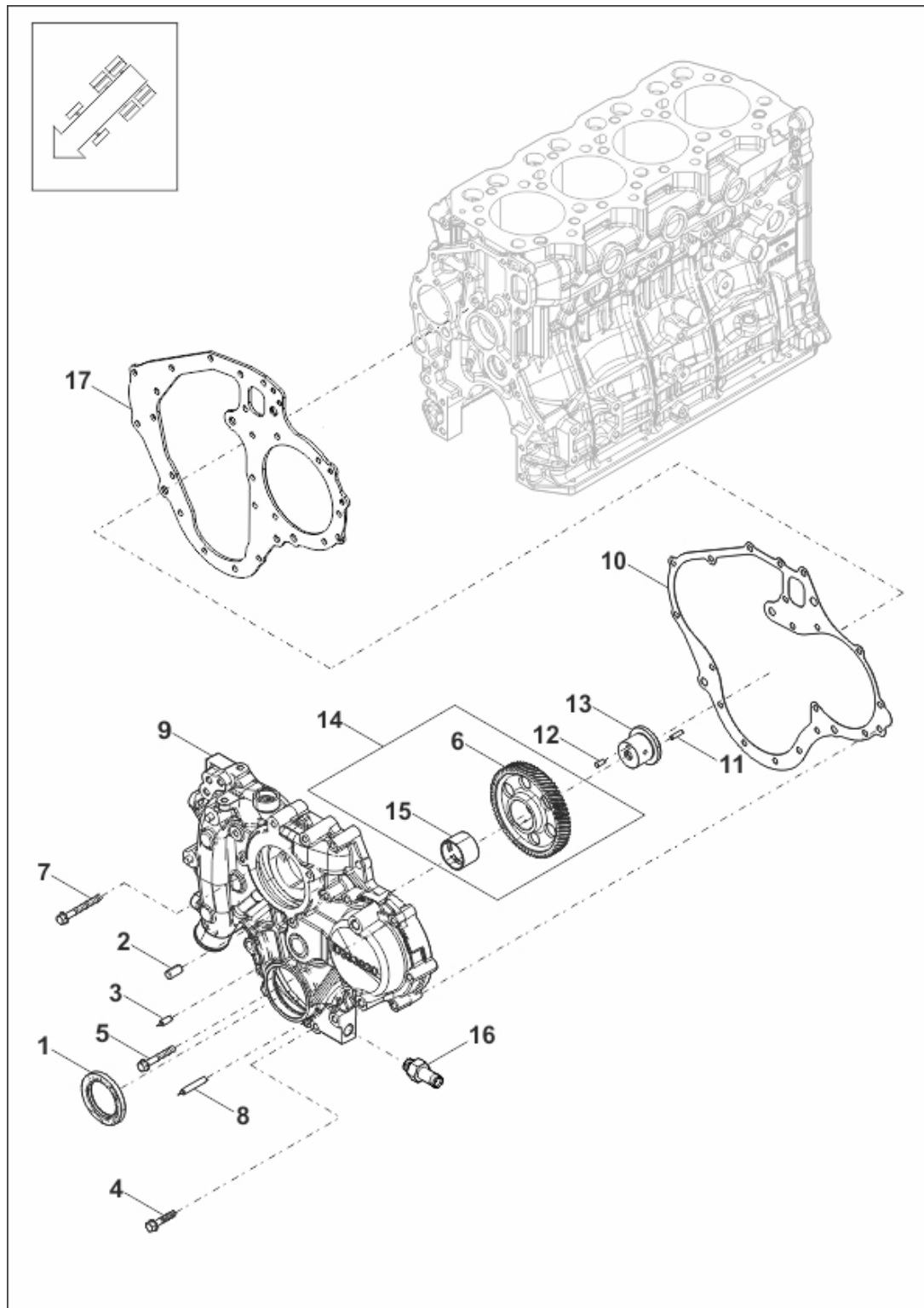
CAM SHAFT



CAM SHAFT

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590003200	A	ID200731,GEAR CAMSHAFT - HCV	1	
2	931590003300	A	BOLT FLANGE (10X1.25X20) 8	1	
3	931590022300	A	FLANGE SCREW	1	
4	931590003500	A	CAMSHAFT (11.10 TCI EURO-III)	1	
5	931590003600	A	WASHER,TIMING GEAR TRAIN	1	
6	931590003700	A	PLATE THRUST	1	
7	931590003800	A	WOODRUFF KEY (7X22)	1	
8	#N/A	A	CAMSHAFT SUB ASSYE483 BS IV	1	

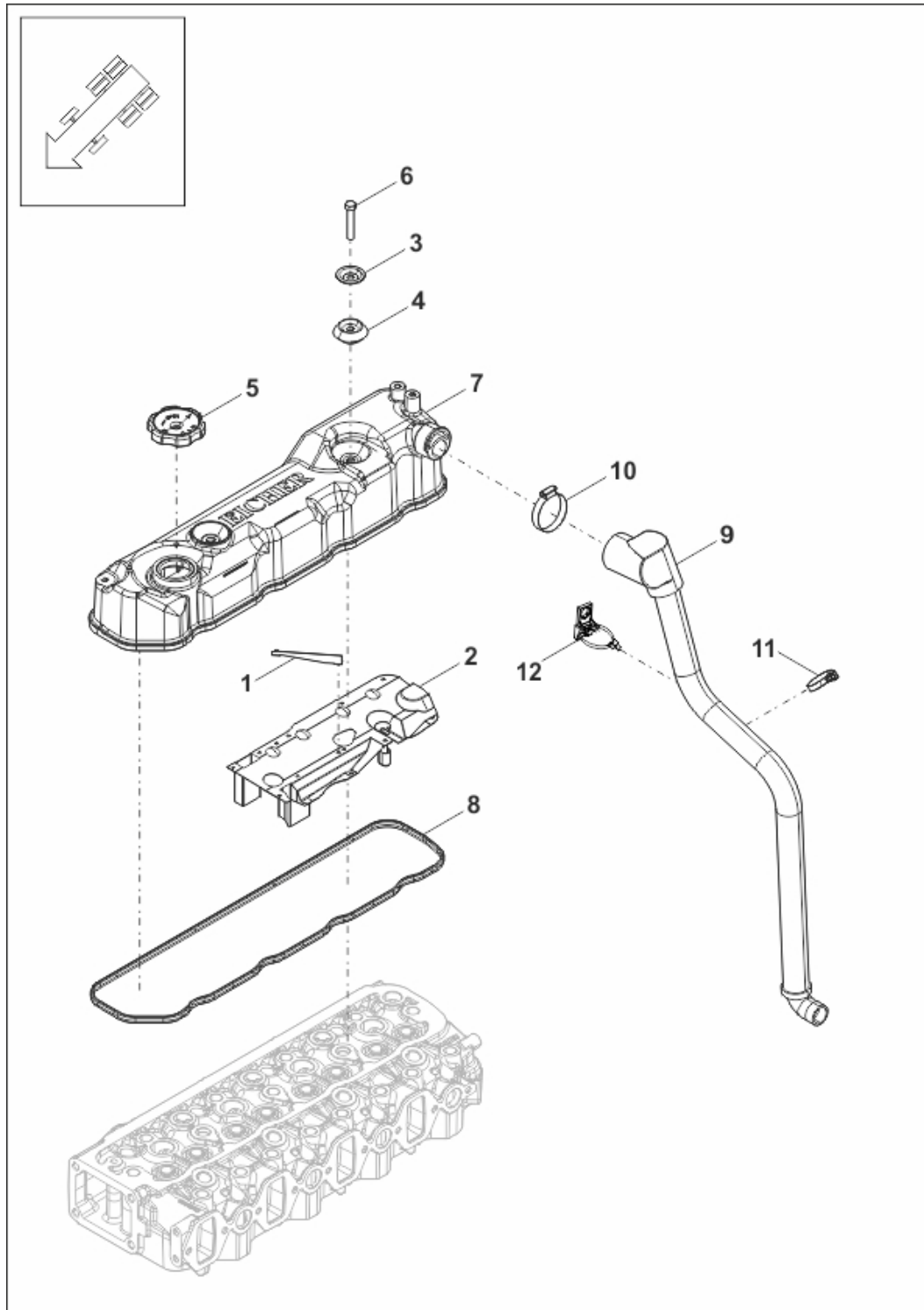
GEAR TRAIN HOUSING



GEAR TRAIN HOUSING

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590003900	A	OIL SEAL FRONT	1	
2	931590004000	A	PIN, DOWEL (12X24)	1	
3	931590004100	A	POINTER	1	
4	931590057900	A	BOLT FLANGE (M8X1.25X40) 7	7	
5	931590022700	A	BOLT FLANGE(M8X1.25X55) 7T	2	
6	#N/A	A	GEAR, IDLER	1	
7	931590004500	A	BOLT FLANGE (8X1.25X70) 7T	2	
8	931590004600	A	POINTER	1	
9	931590058000	A	CASE TIMING GEAR	1	
10	931590004800	A	GASKET TIMING GEAR CASE	1	
11	931590004900	A	PIN SPRING (5X20)	1	
12	931590005000	A	PIN DOWEL	1	
13	931590005100	A	SHAFT IDLER	1	
14	931590005200	A	GEAR ASSY, IDLER (LCV)	1	
15	931590005300	A	BUSHING, IDLER GEAR	1	
16	931590058100	A	ADAPTER OIL OUTLET COMP (MCV)	1	
17	931590005400	A	PLATE FRONT	1	

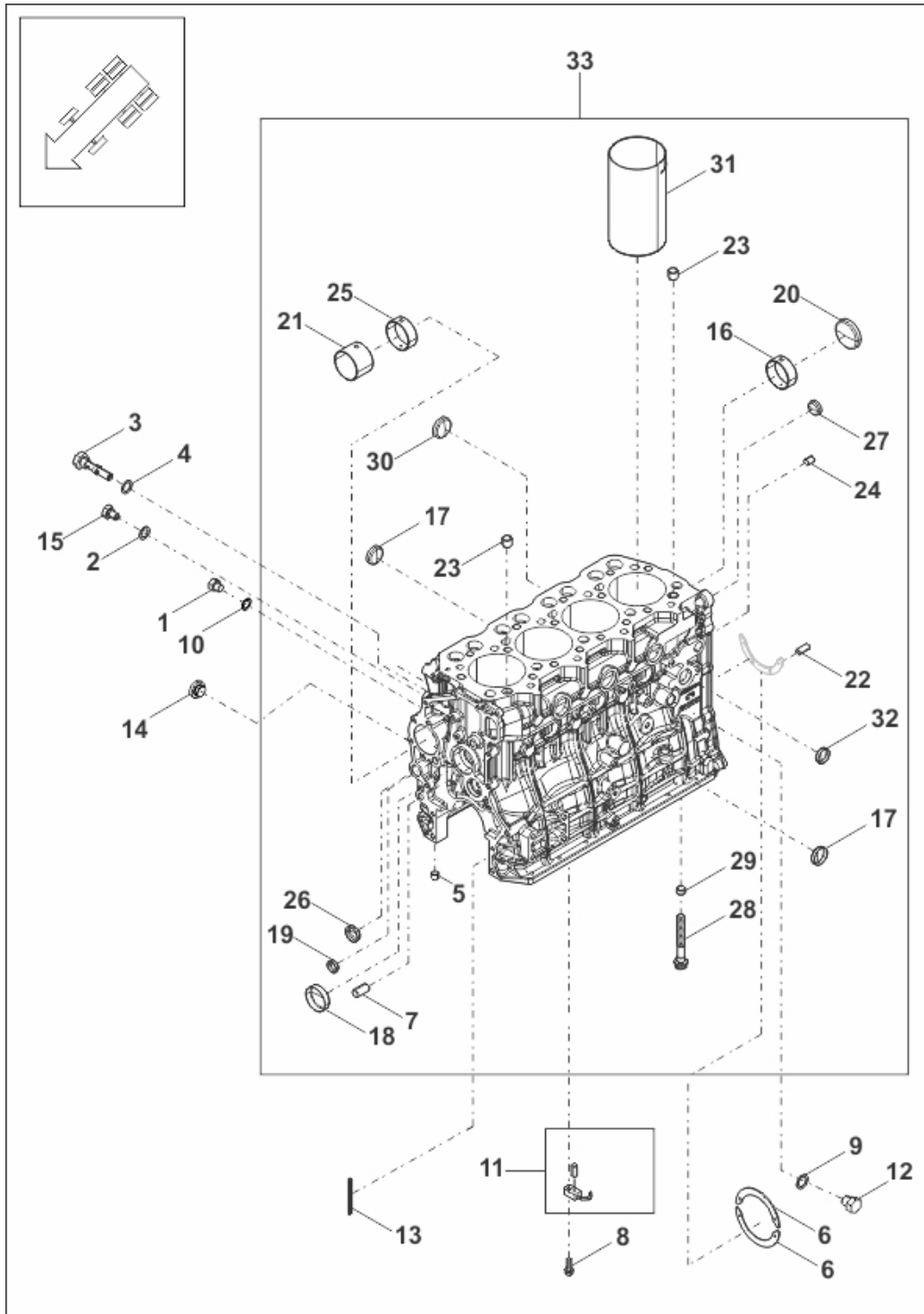
ROCKER COVER



ROCKER COVER

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590006200	A	ELEMENT	1	
2	931590006300	A	PLATE COVER	1	
3	931590006400	A	WASHER ROCKER COVER BOLT	2	
4	931590006500	A	RUBBER SEAL, ROCKER COVER BOLT	2	
5	931590006600	A	CAP OIL FILLER	1	
6	931590006700	A	HEX BOLT 8 X 1.25 X 45 (7T	2	
7	931590006800	A	ROCKER COVER ASSY	1	
8	931590006900	A	GASKET, ROCKER COVER	1	
9	931590007000	A	HOSE ENGINE BREATHER (L=604)	1	
10	931590007100	A	HOSE CLAMP	1	
11	931590007200	A	949902 CABLE BAND (L-150)	1	
12	931590007300	A	CABLE TIE CABLE TIE	1	

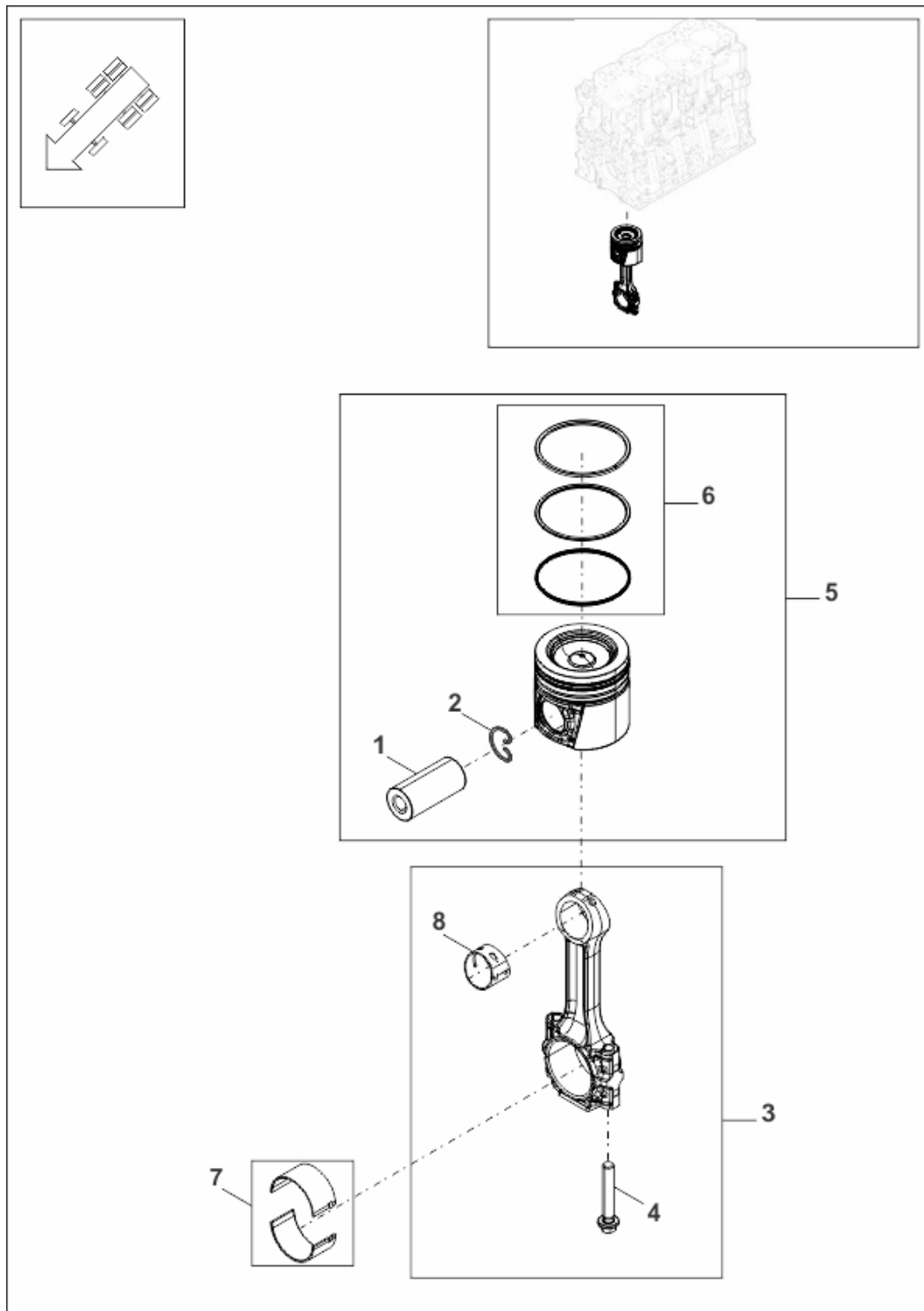
CYLINDER BLOCK



CYLINDER BLOCK

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590052400	A	BOLT,PLUG	2	
2	931590010100	A	GASKET (10)	2	
3	931590058200	A	ASSY.,OIL JET CHECK VALVE	1	
4	931590005800	A	GASKET DIA.18	1	
5	931590058300	A	PLUG	1	
6	931590058400	A	PLATE THRUST (STD)	3	
7	931590004000	A	PIN, DOWEL (12X24)	1	
8	931590012800	A	BOLT M8x1.25x25	4	
9	931590011900	A	GASKET (20)	1	
10	931590016700	A	GASKET, FUEL FILTER	2	
11	931590058500	A	ASSY., PISTON COOLING JET	4	
12	931590030200	A	PLUG DRAI 20	1	
13	931590058600	A	SEAL SIDE	4	
14	931590058700	A	PLUG, HEATER PIPE (MCV)	1	
15	931590058800	A	SCREW SET	2	
16	931590058900	A	BUSHING CAMSHAFTNO.4 SEMI SIZE	1	
17	931590059000	A	CAP SEALING (D35)	7	
18	931590059100	A	CAP SEALING (D50)	2	
19	931590057100	A	CAP SEALING (D14)	2	
20	931590059200	A	CAP SEALING (57)	1	
21	931590059300	A	BUSH CAMSHAFT NO. 1	1	
22	931590059400	A	PIN SPRING (4X10)	6	
23	931590059500	A	TUBULAR DOWEL (E483)	2	
24	931590059600	A	PIN, DOWEL (12X17)	2	
25	931590059700	A	BUSHING CAM SHAFT	1	
26	931590057000	A	CAP SEALING (22)	2	
27	931590057200	A	CAP SEALING (28)	1	
28	931590059800	A	BOLT, MAIN CAP (9T)	10	
29	931590059900	A	PIN DOWEL	4	
30	931590060000	A	CAP SEALING (40)	2	
31	931590060100	A	SLEEVE CYLINDER STD	4	
32	931590060200	A	CAP SEALING (30)	1	
33	931590060300	A	CRANKCASE ASSEMBLY	1	

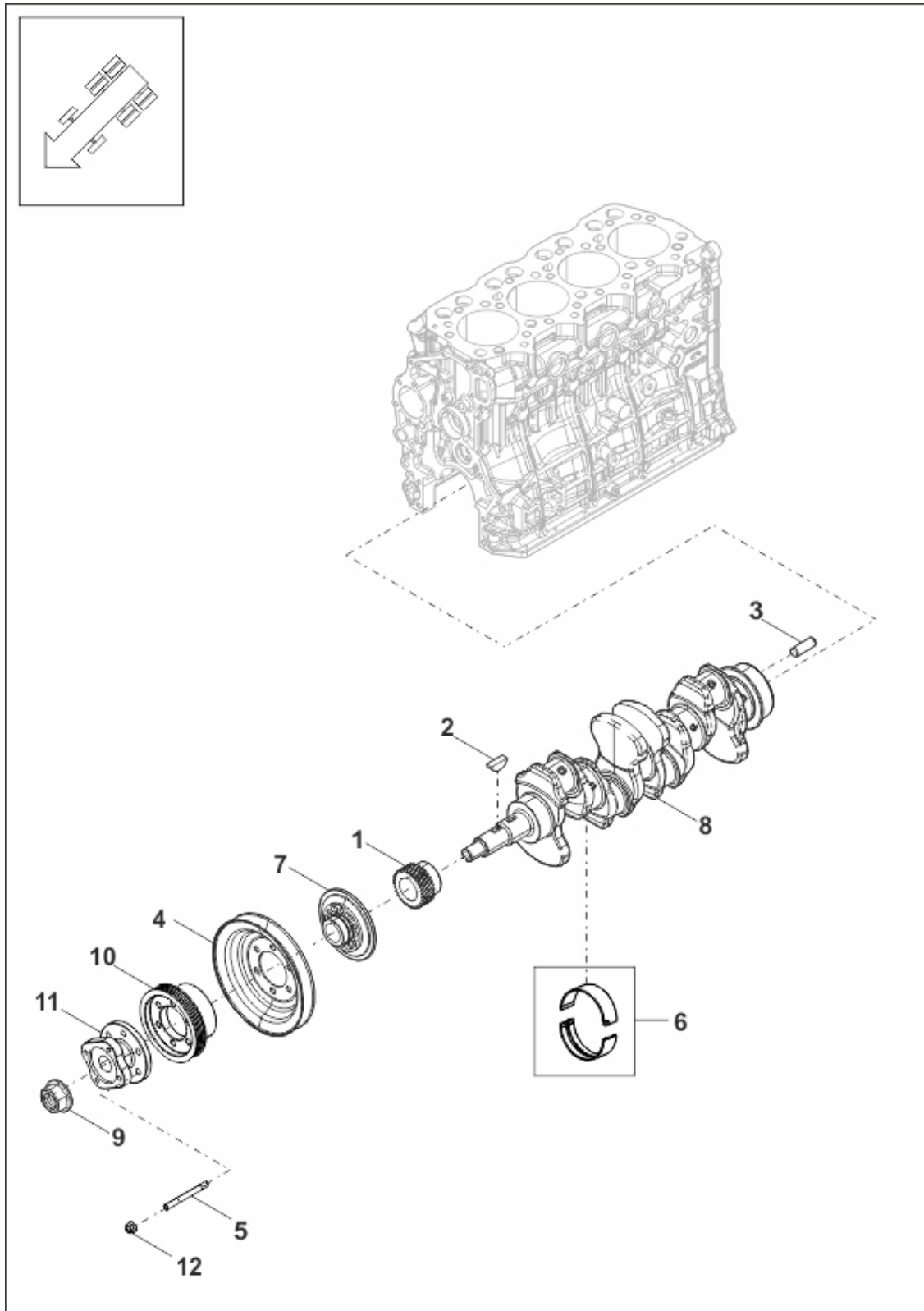
PISTON & CONNECTING ROD



PISTON & CONNECTING ROD

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590060400	A	PISTON PIN (11.10 TCI COMM RAIL EUROIII)	1	
2	931590060500	A	SNAP RING PISTON PIN	2	
3	931590060600	A	CONNECTING ROD ASSEMBLY	4	
4	931590060700	A	BOLT, CONNECTING ROD	2	
5	931590060800	A	KIT PISTON ASSY & RINGS (ONE CYL.)	1	For Single Piston Unit
6	931590060900	A	KIT PISTON RINGS (ONE CYL.)	1	For Single Piston Unit
7	931590061000	A	SET BEARING CONNECTING ROD STD	1	Includes 4 qty. of each bearing
7	931590061100	A	SET BEARING CONNECTING ROD 0.25 U/S	1	Includes 4 qty. of each bearing
7	931590061200	A	SET BEARING CONNECTING ROD 0.5 U/S	1	Includes 4 qty. of each bearing
7	#N/A	A	SET BEARING CONNECTING ROD 0.75 U/S	1	Includes 4 qty. of each bearing
7	#N/A	A	SET BEARING CONNECTING ROD 1.00 U/S	1	Includes 4 qty. of each bearing
8	931590061300	A	BUSHING (CON. ROD)	1	

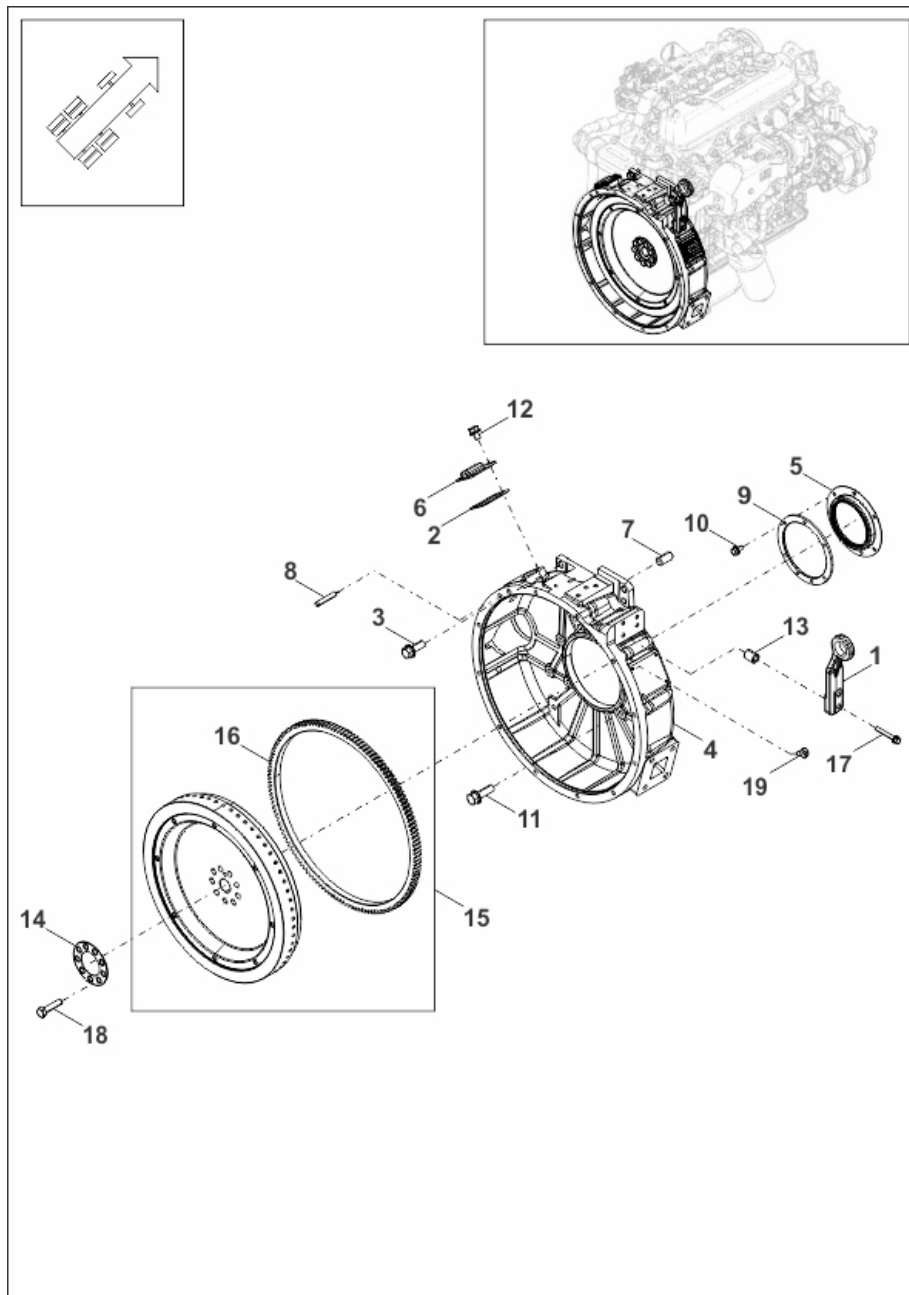
CRANKSHAFT & VIBRATION DAMPER



CRANKSHAFT & VIBRATION DAMPER

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590005900	A	ID200730,GEAR CRANK SHAFT - HCV	1	
2	931590003800	A	WOODRUFF KEY (7X22)	2	
3	931590061400	A	ID200973,DOWEL PIN (DIA. 8 x 22)	1	
4	931590061500	A	PULLEY CRANK SHAFT	1	
5	931590061600	A	STUD	6	
6	931590061700	A	MAIN BRG SET STD (UPR & LWR)	1	
6	931590061800	A	Kit-Bearing Main U/S 0.25 -One Cyl	4	
6	931590061900	A	Kit-Bearing Main U/S 0.50 -One Cyl	4	
6	931590062000	A	Kit-Bearing Main U/S 0.75 -One Cyl	4	
6	931590062100	A	Kit-Bearing Main U/S 1.00 -One Cyl	4	
7	931590075700	A	FLANGE CRANK PULLEY	1	
8	931590062300	A	CRANK SHAFT-4 CYLINDER	1	
9	931590062400	A	NUT, CRANK SHAFT PULLEY	1	
10	931590062500	A	CRANK PULLEY - AIR BRAKE	1	
11	931590062600	A	ADOPTER CRANK PULLEY	1	
12	931590010000	A	NUT FL. M8X1.25	6	
8	#N/A	A	CRANK SHAFT	1	

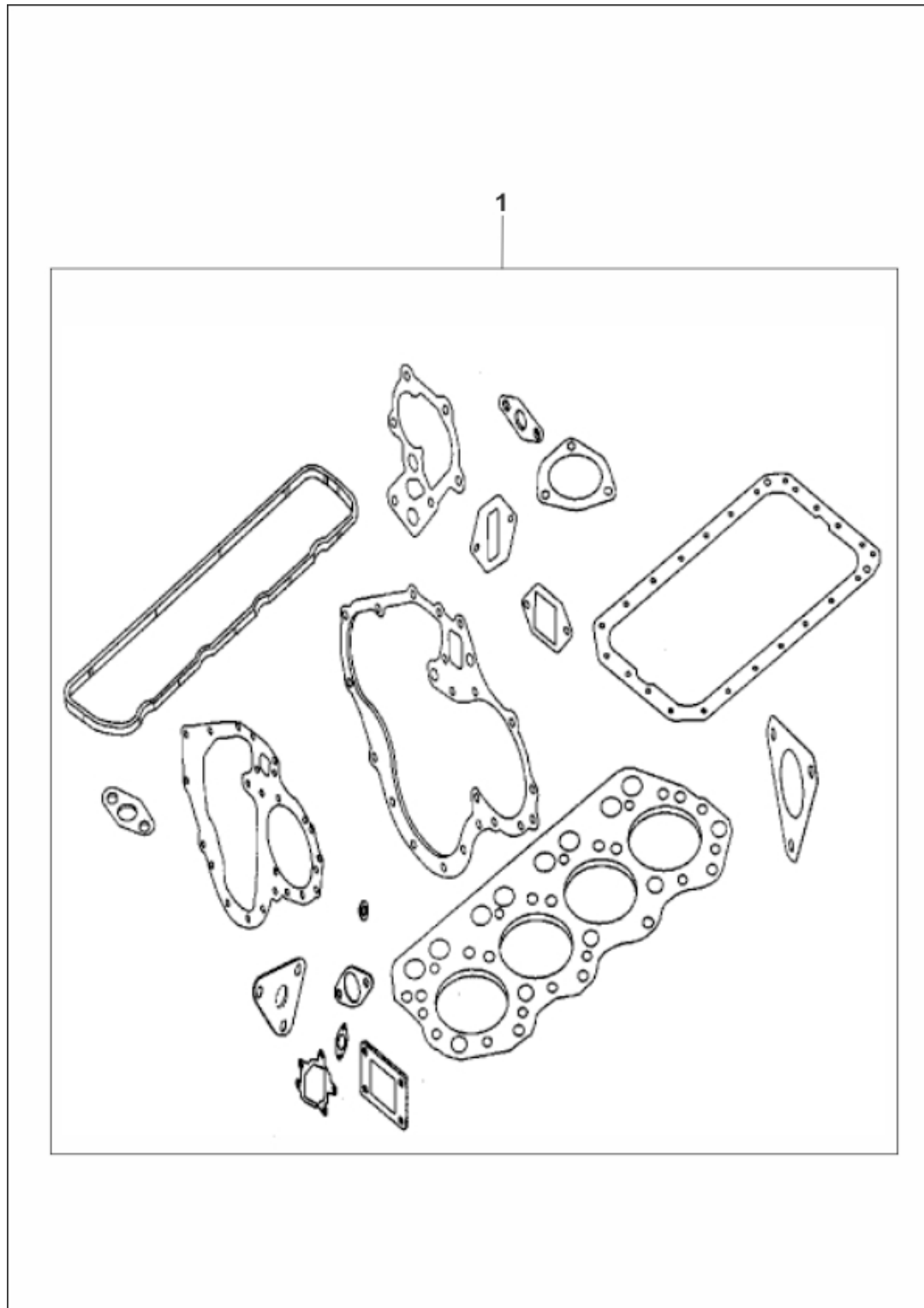
FLYWHEEL & FLYWHEEL HOUSING



FLYWHEEL & FLYWHEEL HOUSING

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590075800	A	LIFTING HOOK FRONT	1	
2	931590075900	A	GASKET, DUST COVER (E683 TCI)	1	
3	931590064000	A	BOLT FLANGE M12x1.75x30	2	
4	931590076000	A	FLYWHEEL HOUSING E483 VCE	1	
5	931590063600	A	REAR OIL SEAL	1	
6	931590076100	A	DUST COVER	1	
7	931590004000	A	PIN, DOWEL (12X24)	1	
8	931590004600	A	POINTER	1	
9	931590063400	A	PLATE WASHER	1	
10	931590002500	A	BOLT M6x1.0x12	7	
11	931590029200	A	FLANGE SCREW	12	
12	931590025300	A	BOLT FLANGE(6X1X8) 7T	3	
13	931590076200	A	SPACER EXHAUST MANIFOLD (EURO-II)	2	
14	931590062800	A	WASHER PLATE	1	
15	931590076300	A	FLYWHEEL ASSY(310 DIA CLUTCH)	1	
16	931590076400	A	GEAR RING	1	
17	931590022700	A	BOLT FLANGE(M8X1.25X55) 7T	2	
18	#N/A	A	BOLT 12X34	9	
19	931590063900	A	POP RIVET (SNAP HD 1/8)	4	

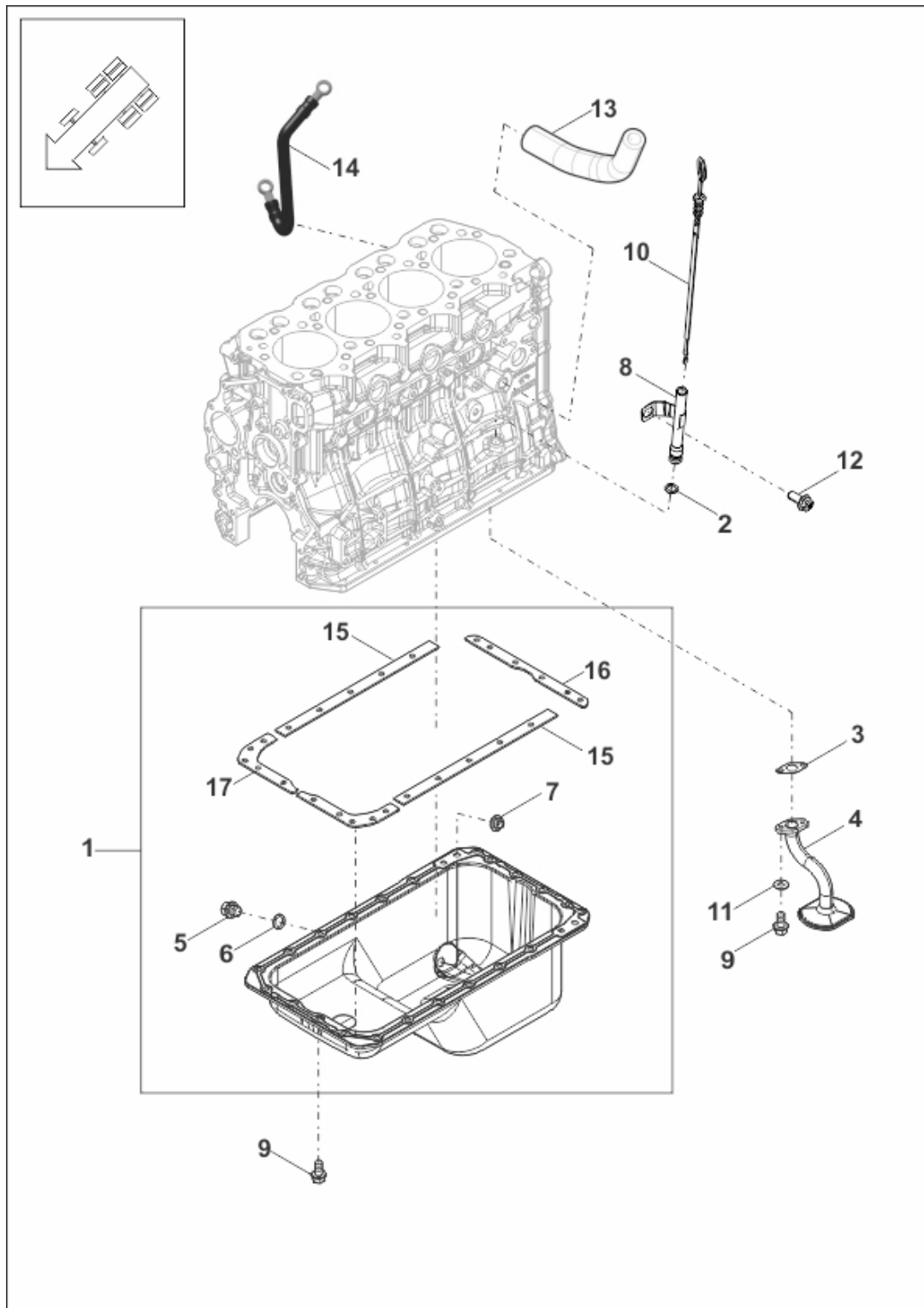
ENGINE OVERHAUL GASKET KIT



ENGINE OVERHAUL GASKET KIT

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590007400	A	O/H GASKET KIT E483 Non auto	1	INCLUDES Below Parts
2	NS	A	NON-SERVICEABLE	1	O RING
3	NS	A	NON-SERVICEABLE	1	GASKET,INLET MANIFOLD
4	NS	A	NON-SERVICEABLE	1	GASKET CYLINDER HEAD
5	NS	A	NON-SERVICEABLE	1	GASKET, ROCKER COVER
6	NS	A	NON-SERVICEABLE	1	GASKET,FRONT PLATE
7	NS	A	NON-SERVICEABLE	4	GASKET, EXHAUST MANIFOLD
8	NS	A	NON-SERVICEABLE	1	GASKET,THERMOSTAT CASE
9	NS	A	NON-SERVICEABLE	1	O-RINGID=100
10	NS	A	NON-SERVICEABLE	1	O-RING ID=11
11	NS	A	NON-SERVICEABLE	9	GASKET DIA.10
12	NS	A	NON-SERVICEABLE	1	GASKET,TIMING GEAR CASE

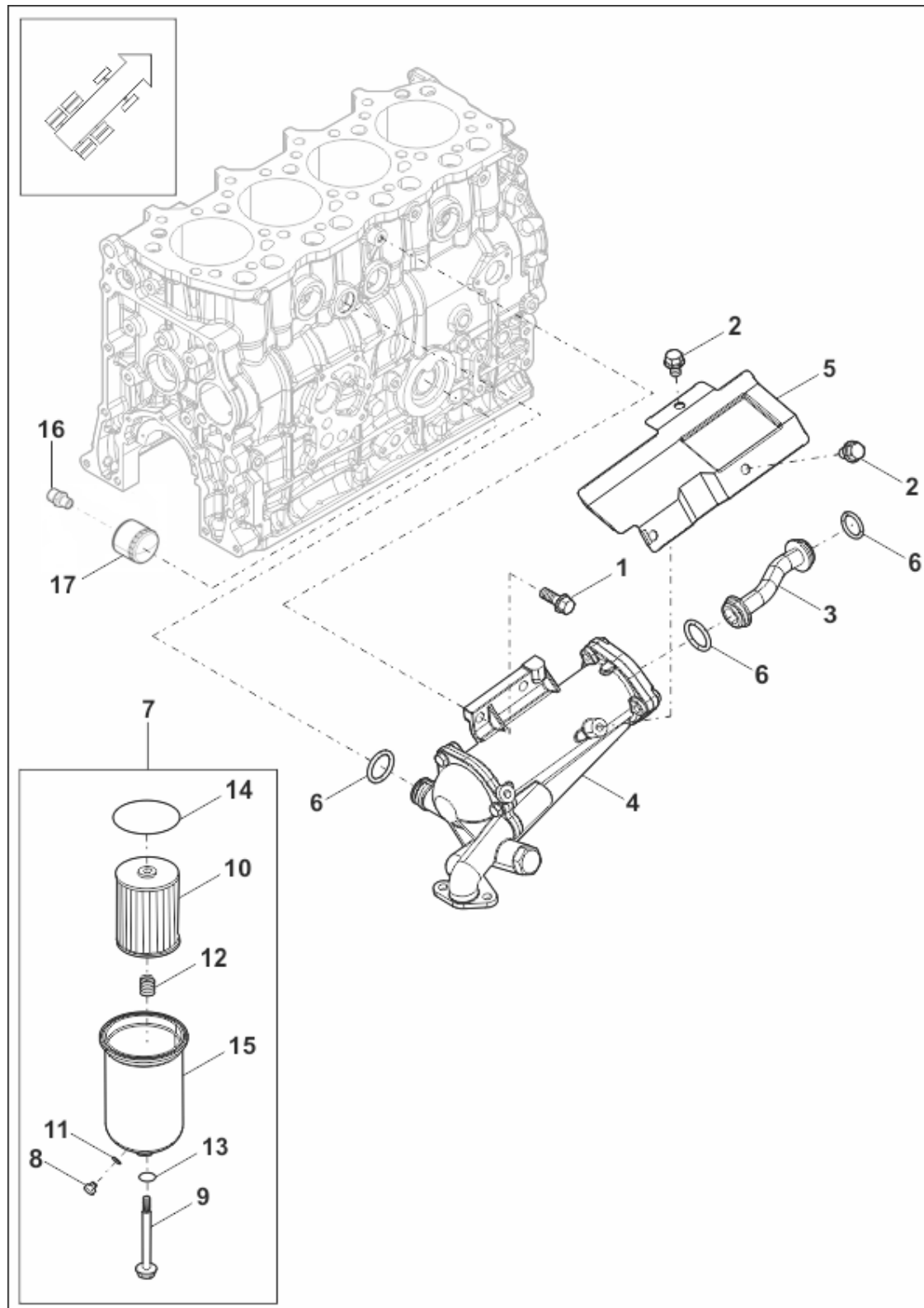
OIL PAN & DIPSTICK



OIL PAN & DIPSTICK

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590007600	A	OIL PAN ASSY.	1	
2	931590007700	A	O-RING (11) DIP STICK GUIDE (7493)	2	
3	931590007800	A	GASKET, OIL STRAINER	1	
4	931590045200	A	STRAINER OIL	1	
5	931590053400	A	PLUG, OIL DRAIN	1	
6	931590008100	A	GASKET OIL DRAIN PLUG	1	
7	931590008200	A	NUT,DRAIN PLUG	1	
8	931590008300	A	GUIDE OIL LEVEL GUAGE	1	
9	931590022300	A	FLANGE SCREW	1	
10	931590008500	A	GAUGE OIL LEVEL	1	
11	931590008600	A	WASHER	1	
12	931590008700	A	BOLT FLANGE (10X1.5X22) 1	1	
13	931590064200	A	HOSE OIL VACUM PUMP RETURN (LCV)	1	
14	931590064300	A	LUB OIL PIPE FOR FIP	1	
15	#N/A	A	SEAT A (LCV)	2	
16	#N/A	A	SEAT C (LCV)	1	
17	#N/A	A	SEAT B (LCV)	2	

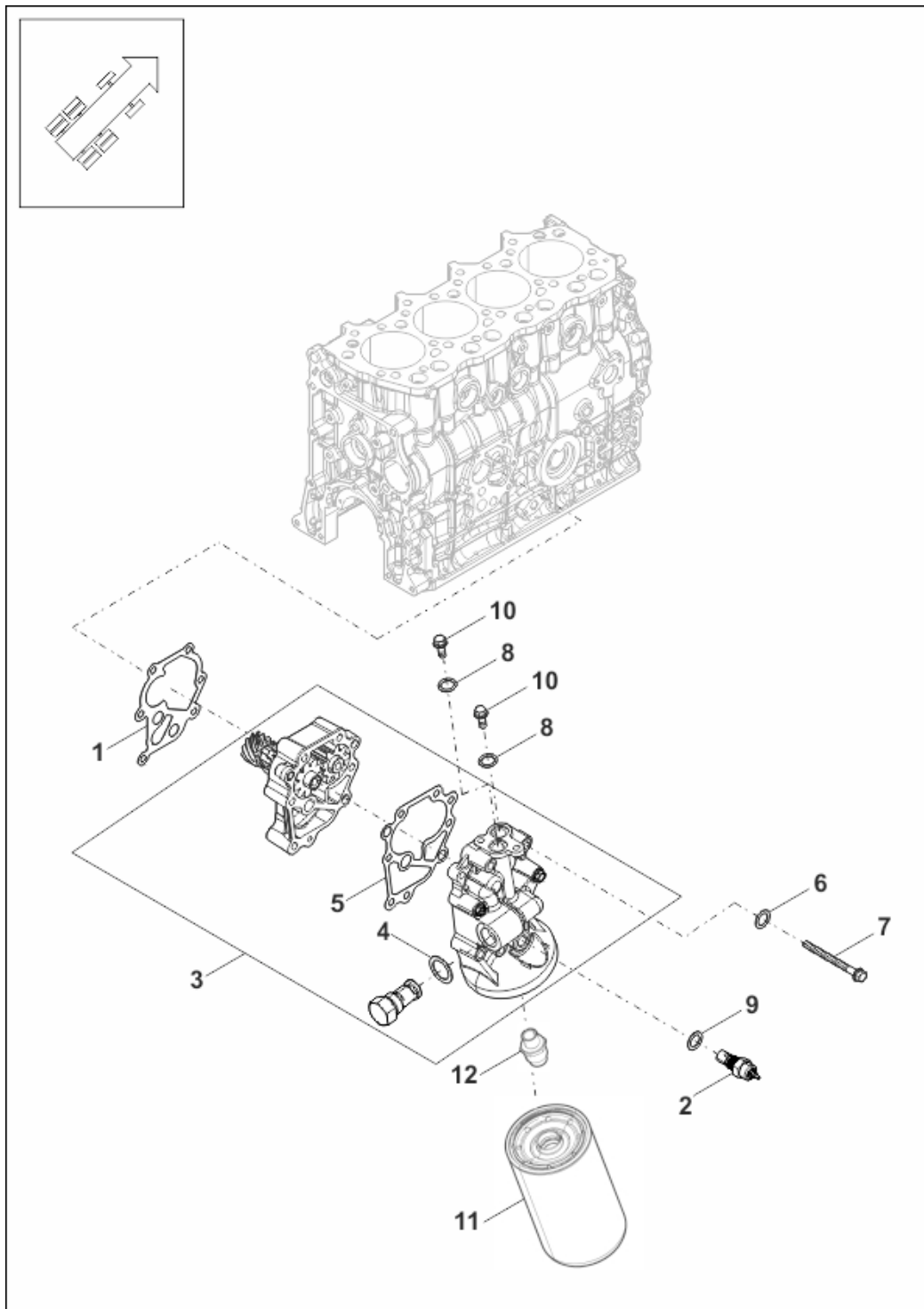
OIL COOLER ASSY



OIL COOLER ASSY

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590019600	A	BOLT FLANGE (10X1.5X25) 7T	2	
2	931590017400	A	BOLT FLANGE (8X1.25X12) 7T	3	
3	931590064400	A	PIPE WATER	1	
4	931590064500	A	COOLER ASSY, OIL	1	POS 4 are alternate to each other
5	931590064600	A	INSULATOR HEAT OIL	1	
6	931590019800	A	O-RING	3	
7	931590032500	A	OIL FILTER ASSY	1	
8	931590064700	A	PLUG DRAIN,OIL FILTER	1	
9	931590064800	A	BOLT,CENTRE OIL FILTER CASE	1	
10	931590044100	A	ELEMENT KIT OIL FILTER	1	
11	931590064900	A	GASKET,OIL FILTER	1	
12	931590065000	A	SPRING,OIL FILTER ELEMENT SUPPORT	1	
13	931590021600	A	O-RING,OIL FILTER	1	
14	931590044200	A	O-RING ,OIL FILTER CASE	1	
15	931590065100	A	CASE,OIL FILTER	1	
4	931590065200	A	COOLER ASSY	1	POS 4 are alternate to each other
16	931590065300	A	UNION BYE PASS FILTER	1	
17	931590065400	A	ASSEMBLY BY-PASS FILTER	1	

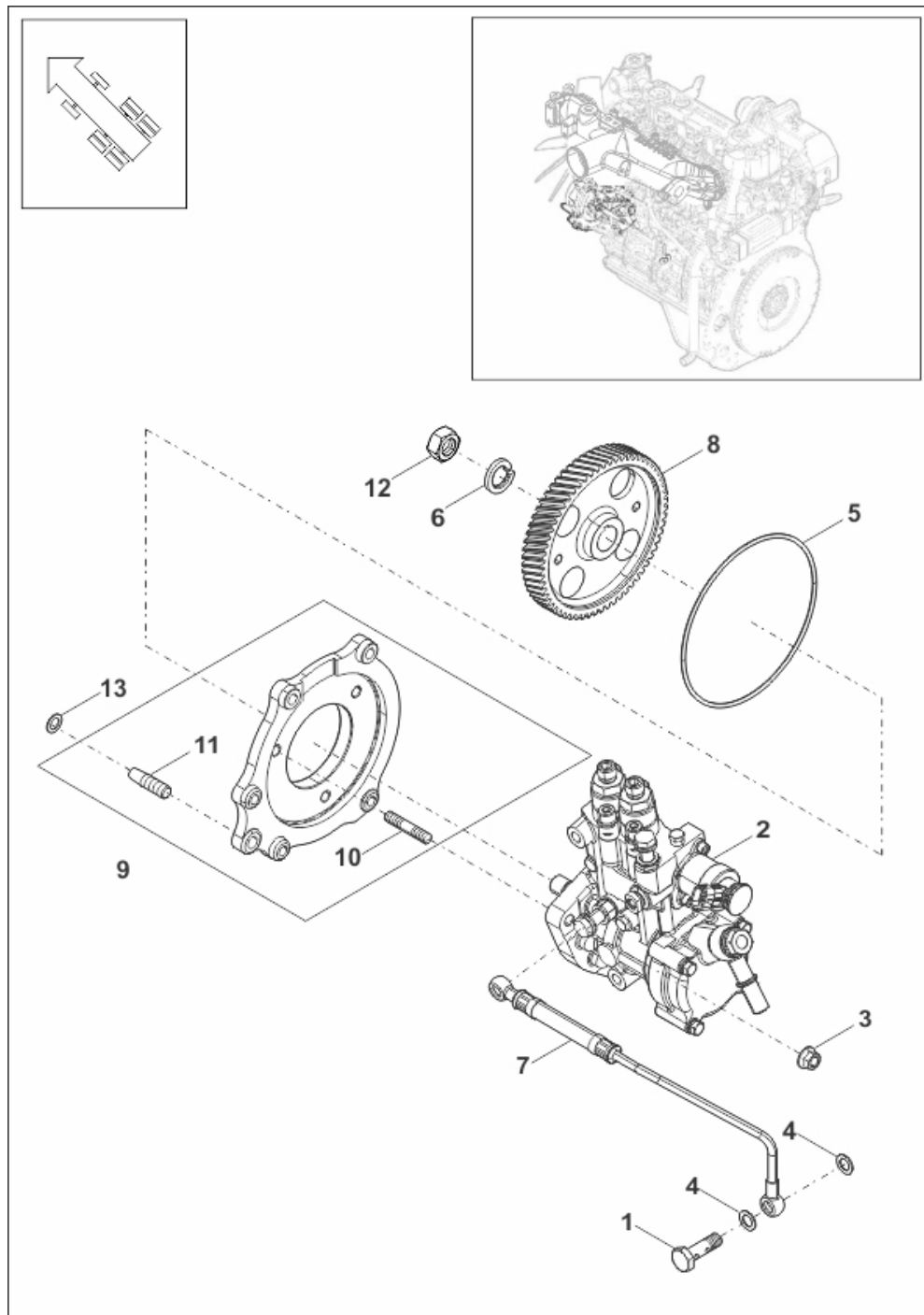
OIL PUMP



OIL PUMP

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590008800	A	GASKET OIL PUMP	1	
2	931590008900	A	ALARM, BY PASS VALVE	1	
3	931590045400	A	OIL PUMP ASSY	1	
4	931590009100	A	GASKET 27	1	
5	931590009200	A	GASKET	1	
6	931590009300	A	GASKET (E483 TC/TCI)	2	
7	931590009400	A	BOLT FLANGE (M8x1.25x90)	6	
8	931590009500	A	O-RING (7499)	2	
9	931590009600	A	GASKET 16	1	
10	931590009700	A	BOLT M8x1.25x20	2	
11	931590065500	A	COMBO OIL FILTER	1	
12	931590065600	A	UNIONFILTER ASSY	1	

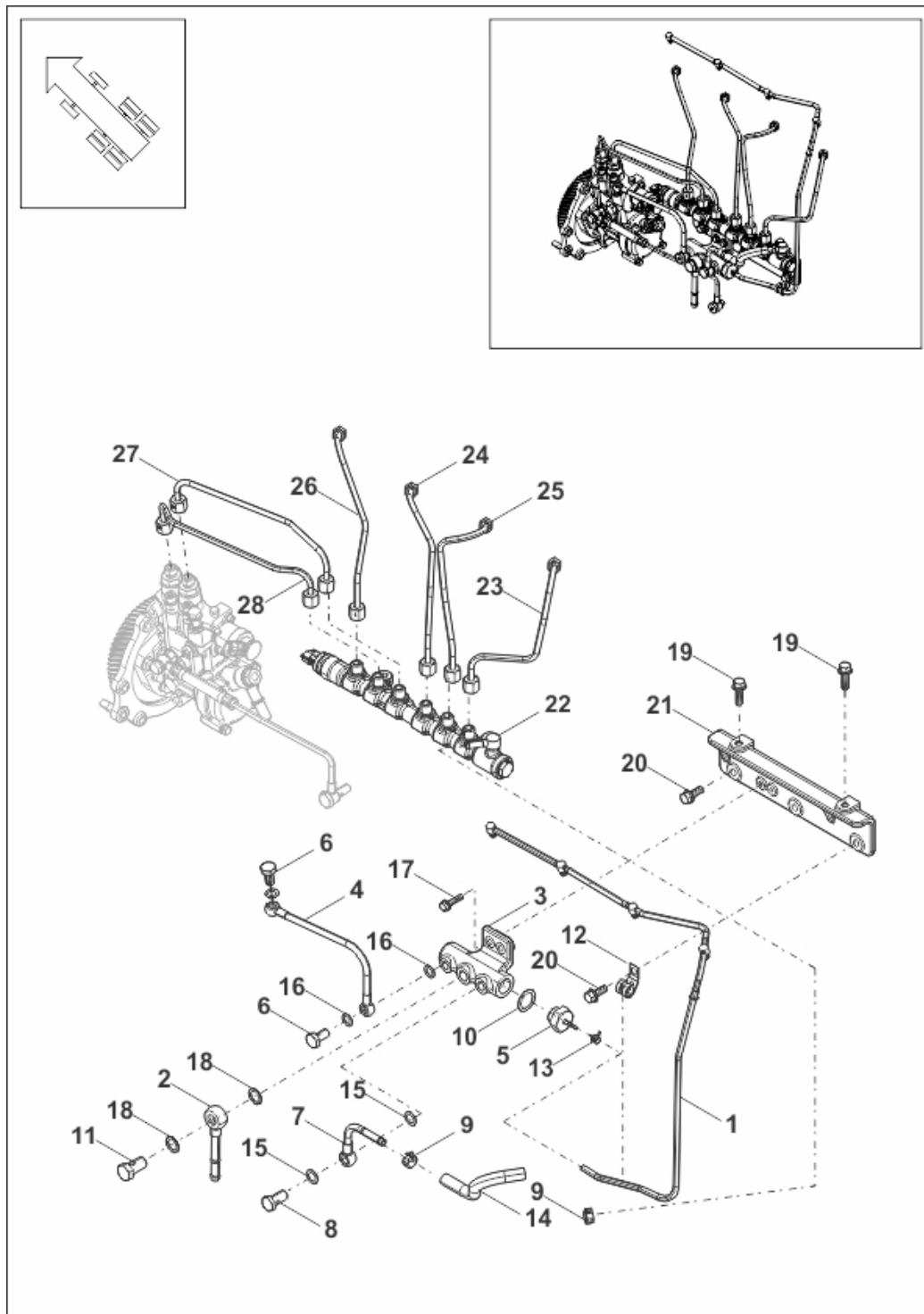
FUEL INJECTION PUMP



FUEL INJECTION PUMP

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590009800	A	BOLT EYE(10x1.25)	1	
2	931590009900	A	FIP CB18	1	
3	931590010000	A	NUT FL. M8X1.25	3	
4	931590010100	A	GASKET (10)	2	
5	931590010200	A	O-RING (7498)	1	
6	931590010300	A	TAB WASHER	1	
7	931590010400	A	ASSY OILINLET PIPE, FIP	1	
8	931590010500	A	GEAR - FIP	1	
9	931590010600	A	FLANGE PLATE CB18 ASSY	1	
10	931590010700	A	STUD	3	
11	#N/A	A	BAR GUIDE	1	
12	#N/A	A	NUT HEXAGON 14	1	
13	931590065700	A	WASHER , STEERING COLUMN	1	

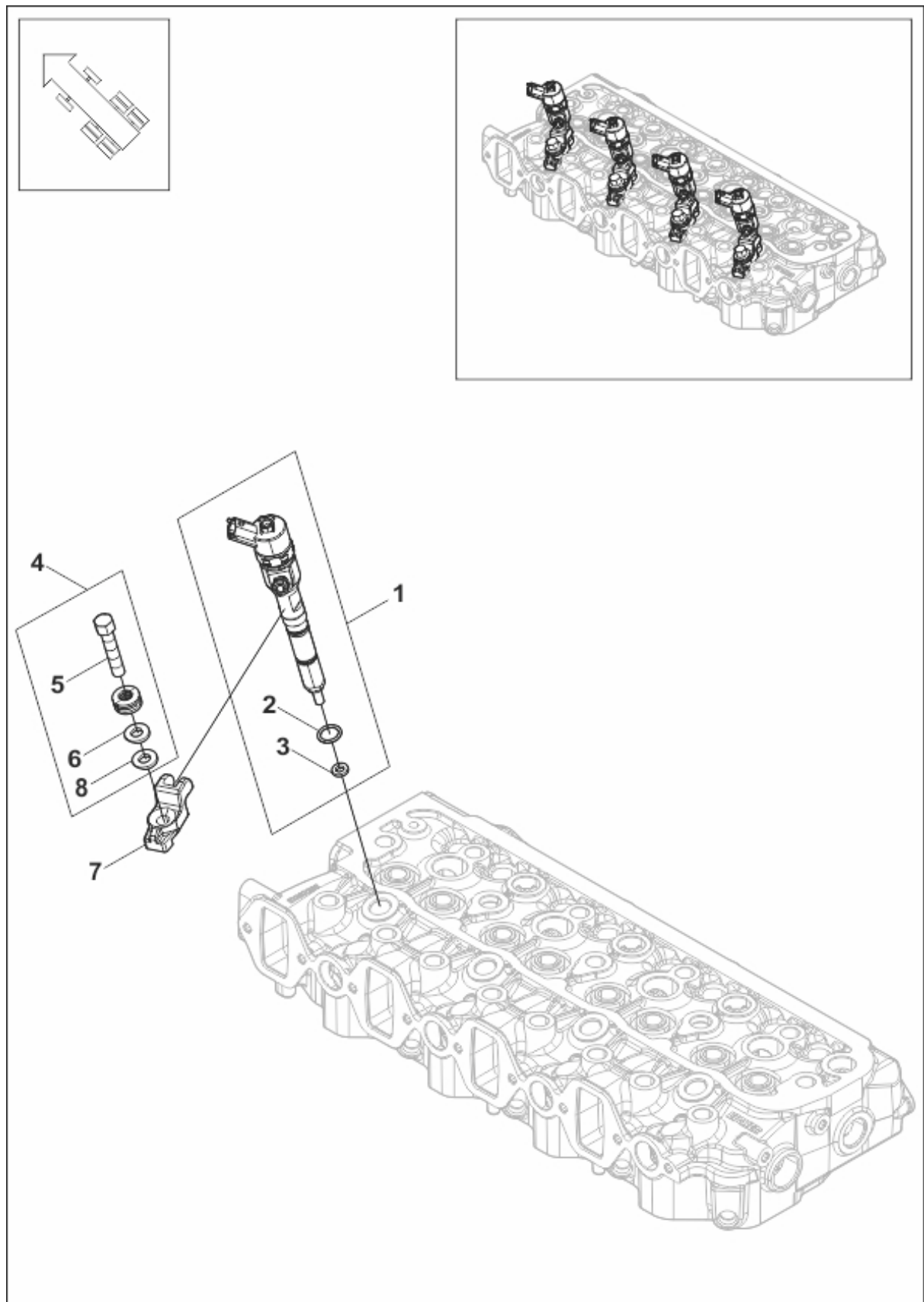
COMMON RAIL & FUEL INJECTION PIPES



COMMON RAIL & FUEL INJECTION PIPES

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590011000	A	INJECTOR RETURN LINE (LCV/MCV)	1	
2	931590011100	A	PIPE BABY FILTER WATER SEPRATOR	1	
3	931590011200	A	4 WAY CONNECTOR	1	
4	931590011300	A	PUMP OVERFLOW PIPE, ASSY	1	
5	931590011400	A	OVERFLOW CONNECTOR	1	
6	931590011500	A	BANJO BOLT M10X1X20	2	
7	931590011600	A	PIPE ASSY FIP FUEL IN	1	
8	931590011700	A	BOLT EYE (12)	1	
9	931590011800	A	HOSE CLIP (13.1)	2	
10	931590011900	A	GASKET (20)	1	
11	931590012000	A	JOINT	1	
12	931590012100	A	CLIP (80)	1	
13	931590012200	A	HOSE CLAMP(8.6MM)	1	
14	931590012300	A	HOSE	1	
15	931590012400	A	GASKET(12)	2	
16	931590010100	A	GASKET (10)	4	
17	931590012600	A	BOLT FLANGE (6X1X25) 4T	2	
18	931590012700	A	GASKET (14)	2	
19	931590012800	A	BOLT M8x1.25x25	2	
20	931590009700	A	BOLT M8x1.25x20	3	
21	931590013000	A	BRACKET RAIL	1	
22	931590013100	A	COMMON RAIL	1	
23	931590013200	A	HIGH PRESSURE PIPE ASSY 4	1	
24	931590013300	A	HIGH PRESSURE PIPE ASSY 2	1	
25	931590013400	A	HIGH PRESSURE PIPE ASSY 3	1	
26	931590013500	A	ASSY HP PIPE 1	1	
27	931590013600	A	FUEL PIPE PUMP TO RAIL	1	
28	931590013700	A	ASSY HIGH PRESSURE PUMP TO RAIL	1	

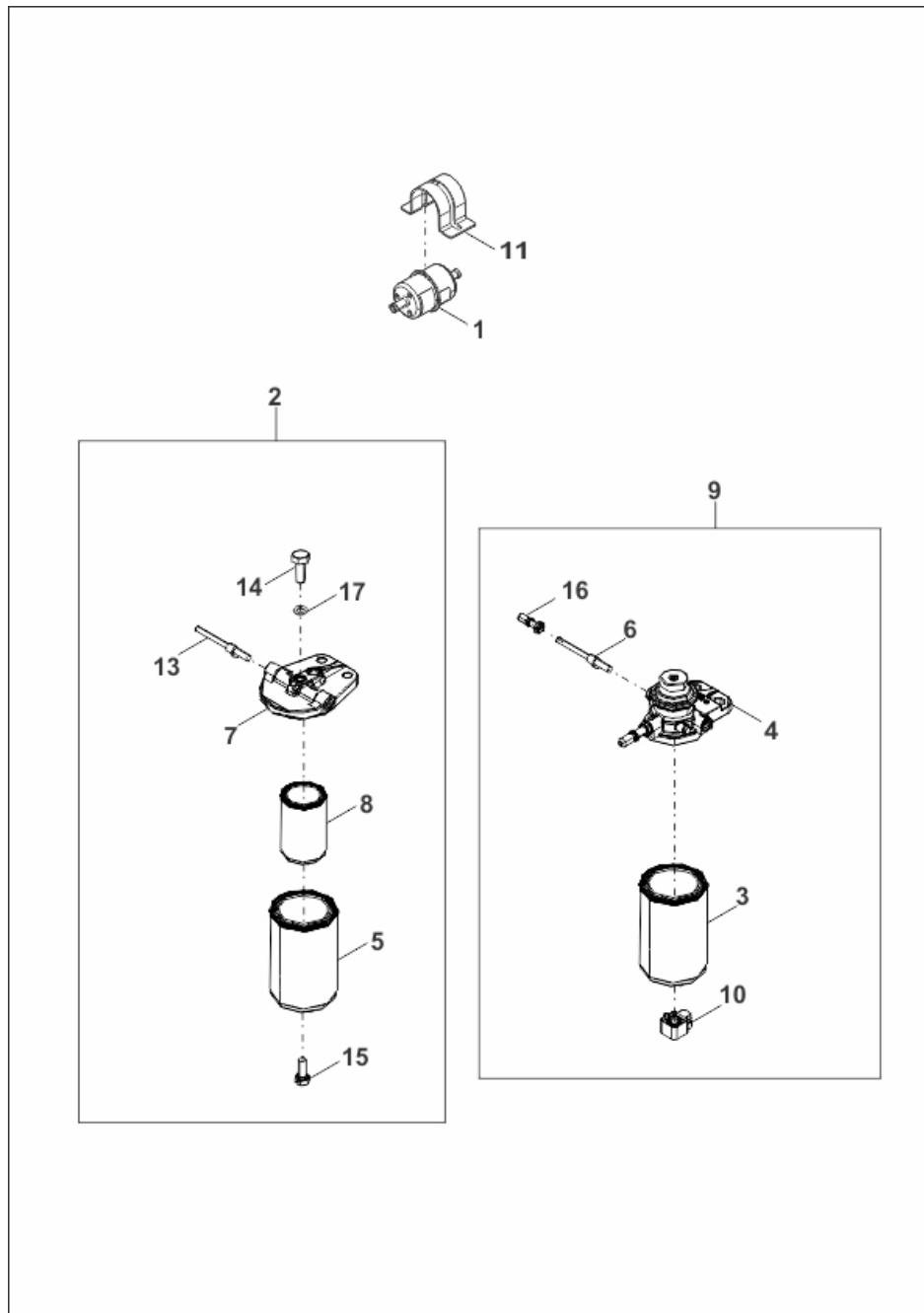
FUEL INJECTOR



FUEL INJECTOR

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590013800	A	INJECTOR	4	
2	931590013900	A	O-RING ID/GEAR COLL (7494)	1	
3	931590014000	A	GASKET, NOZZLE	1	
4	931590014100	A	BOLT, NOZZLE BRIDGE	4	
5	931590014200	A	BOLT F/INJ NOZZLE	1	
6	931590065800	A	WASHER	2	
7	931590014400	A	BRIDGE, NOZZLE (LCV,MCV)	4	
8	931590065900	A	WASHER, CONED DISC	4	

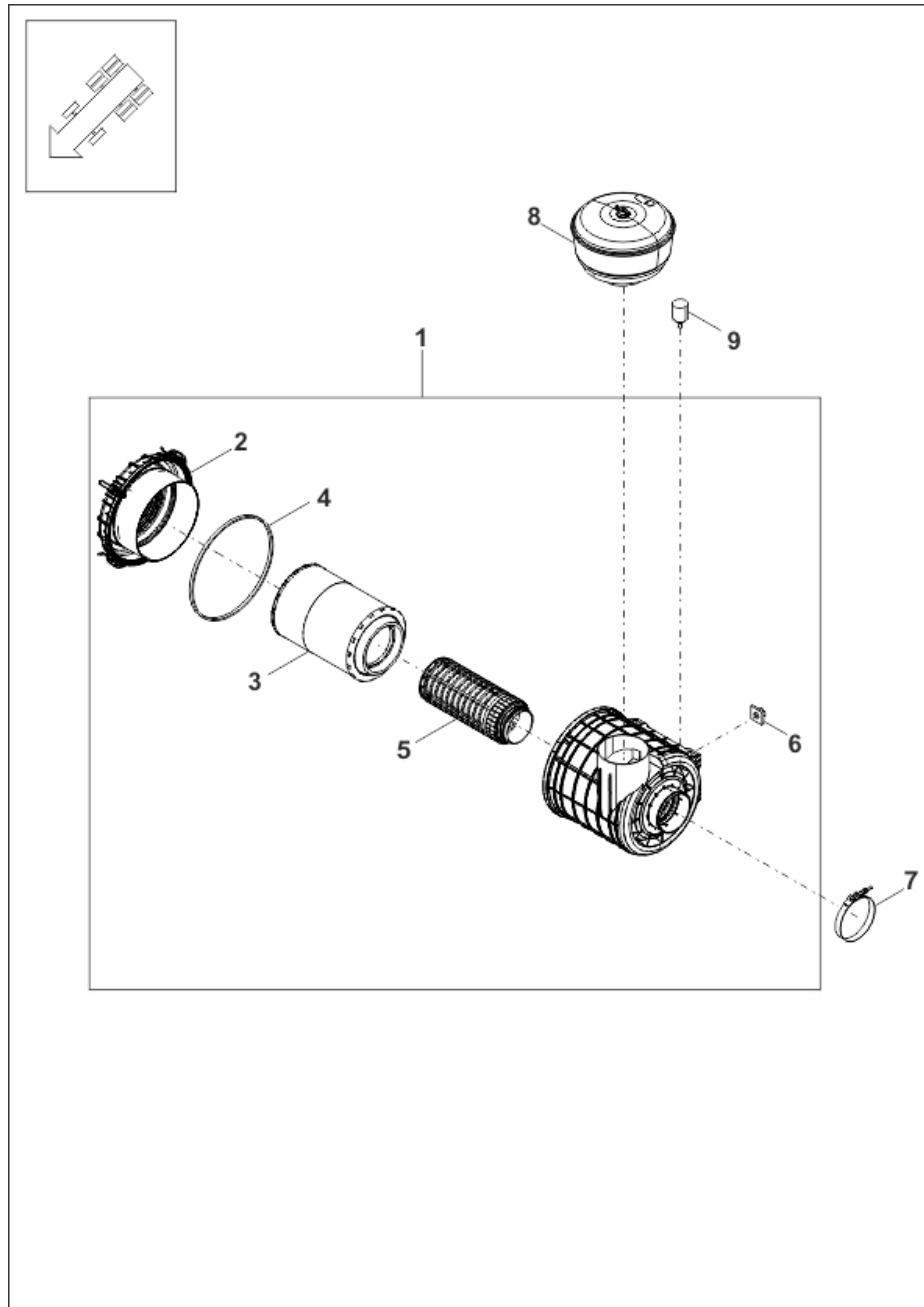
FUEL FILTER



FUEL FILTER

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590014500	A	FUEL STRAINER (MAV COWL)	1	
2	931590014600	A	PRE FILTER ASSY	1	
3	931590014700	A	FILTER SPIN ON	1	
4	931590014800	A	FILTER HEAD ASSEMBLY	1	
5	#N/A	A	FILTER HOUSING	1	
6	931590015000	A	STRAIGHT BANJO	2	
7	931590015100	A	FILTER COVER	1	
8	931590015200	A	FILTER INSERT	1	
9	931590015300	A	MAIN FILTER ASSY	1	
10	931590015400	A	WIF SENSOR	1	
11	931590066000	A	BABY FILTER HOLDING BRACKET 2 (40.40)	1	
13	931590066100	A	BANJO	1	
14	931590066200	A	HEXAGON SCREW	1	
15	931590066300	A	HEXAGON SCREW	1	
16	931590066400	A	PROTECTIVE CAP	1	
17	931590066500	A	WASHER	1	

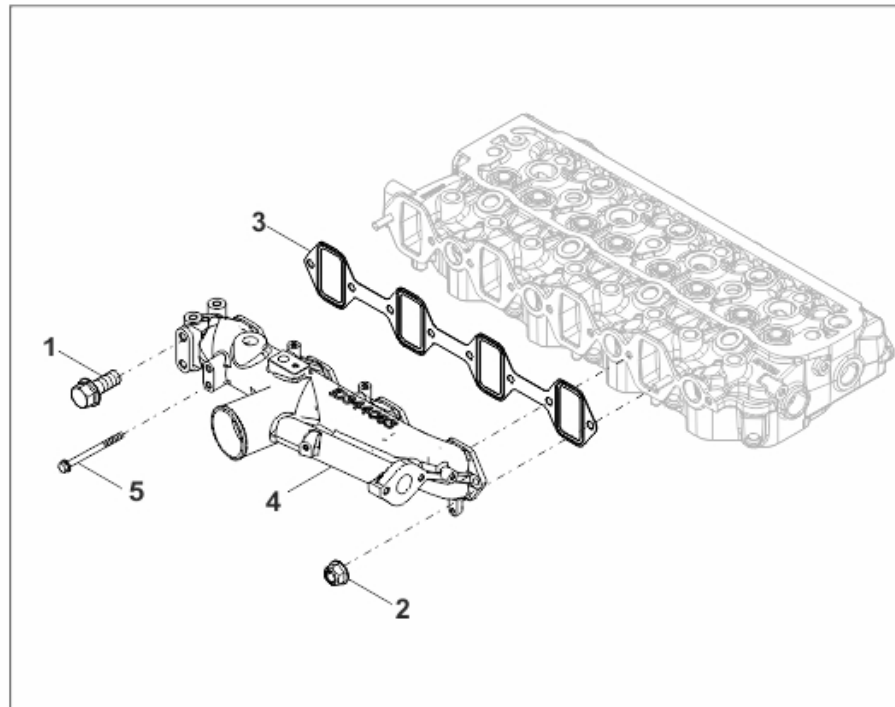
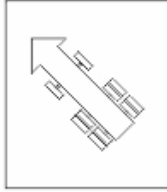
AIR CLEANER



AIR CLEANER

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590000800	A	AIR CLEANER ASSY	1	
2	931590066600	A	ASSY COVER AIR CLEANER	1	
3	931590043900	A	PRIMARY ELEMENT	1	
4	931590066700	A	SEAL RING AIR CLEANER	1	
5	931590044000	A	SECONDARY ELEMENT	1	
6	931590066800	A	M8 SQ NUT	4	
7	931590076500	A	HOSE CLAMP	2	
8	931590000310	A	ASSY PRE CLEANER	1	
9	931590000400	A	RESTRICTION INDICATOR	1	

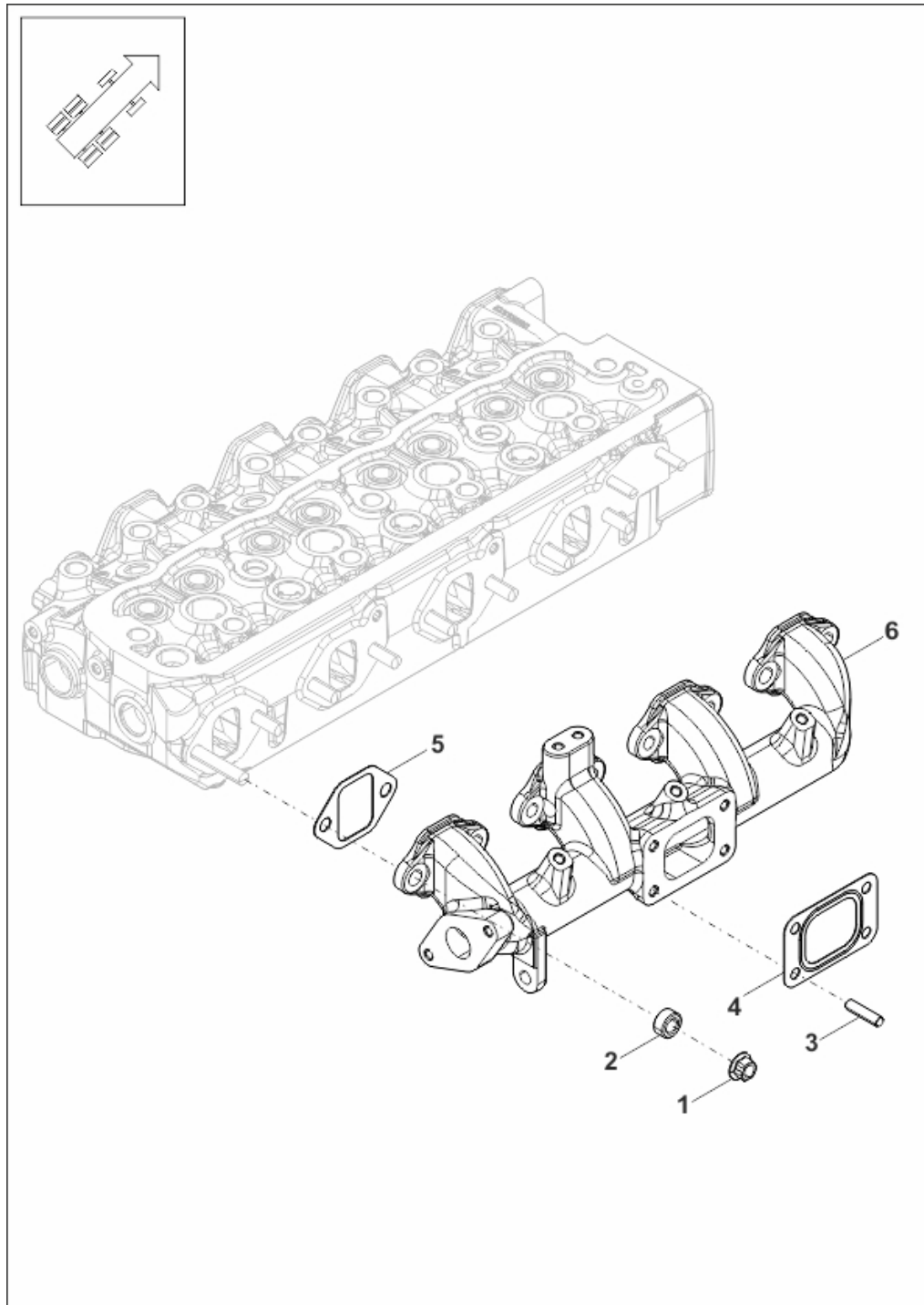
INTAKE MANIFOLD



INTAKE MANIFOLD

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590009700	A	BOLT M8x1.25x20	6	
2	931590015600	A	NUT FLANGE SELF LOCKING (M8X1.25) -TC	2	
3	931590015700	A	GASKET,INLET MANIFOLD	1	
4	931590015800	A	INLET MANIFOLD E483-LIMO BSIV	1	
5	931590066900	A	FLANGE BOLT M8X1.25X100	8	

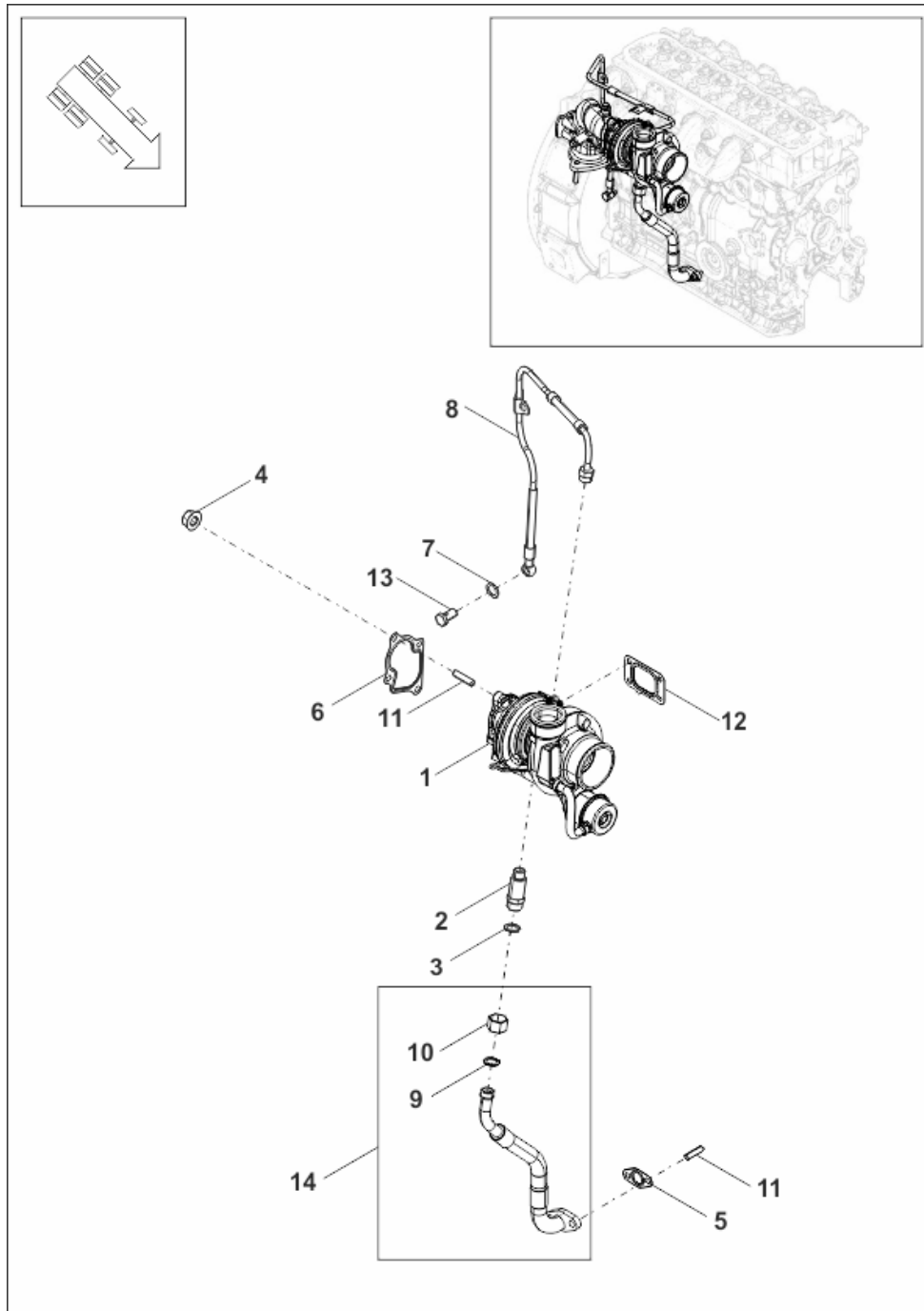
EXHAUST MANIFOLD



EXHAUST MANIFOLD

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590015900	A	NUT, SELF LOCK FLANGE (M10X1.25)	8	
2	931590046900	A	SPACER EX. MANIFOLD (SHORT)	2	
3	931590016100	A	STUD, TC MTG. (E483 TC)	4	
4	931590050200	A	GASKET EXHAUST MANIFOLD	1	
5	931590016300	A	GASKET EXHAUST MANIFOLD	4	
6	931590016400	A	EXHAUST MANIFOLD	1	

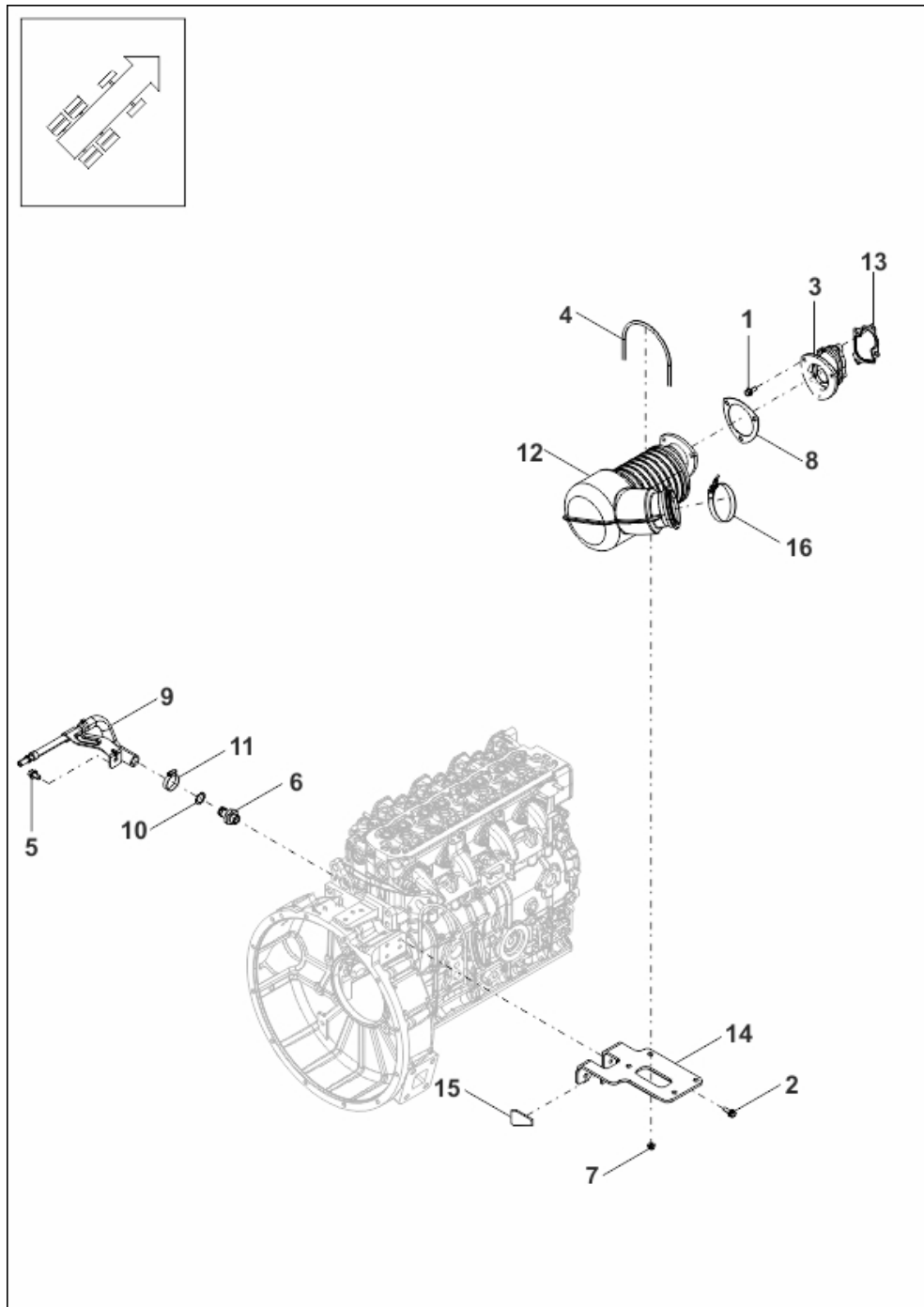
TURBOCHARGER & PIPING



TURBOCHARGER & PIPING

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590016500	A	TURBOCHARGER	1	
2	931590016600	A	ADAPTOR OIL DRAIN (TCI)	1	
3	931590016700	A	GASKET, FUEL FILTER	1	
4	931590015600	A	NUT FLANGE SELF LOCKING (M8X1.25) -TC	10	
5	931590018000	A	GASKET OIL STRAINER	1	
6	931590017000	A	GASKET	1	
7	931590012400	A	GASKET(12)	2	
8	931590018100	A	PIPE, OIL SUPPLY TC	1	
9	931590018300	A	O-RING, BRAZE NIPPLE ?15	1	
10	931590018400	A	CAP NUT M22X1.5	1	
11	931590016100	A	STUD, TC MTG. (E483 TC)	6	
12	931590050200	A	GASKET EXHAUST MANIFOLD	1	
13	931590011700	A	BOLT EYE (12)	1	
14	931590017900	A	PIPE ASSY OIL DRAIN (EURO 2)	1	

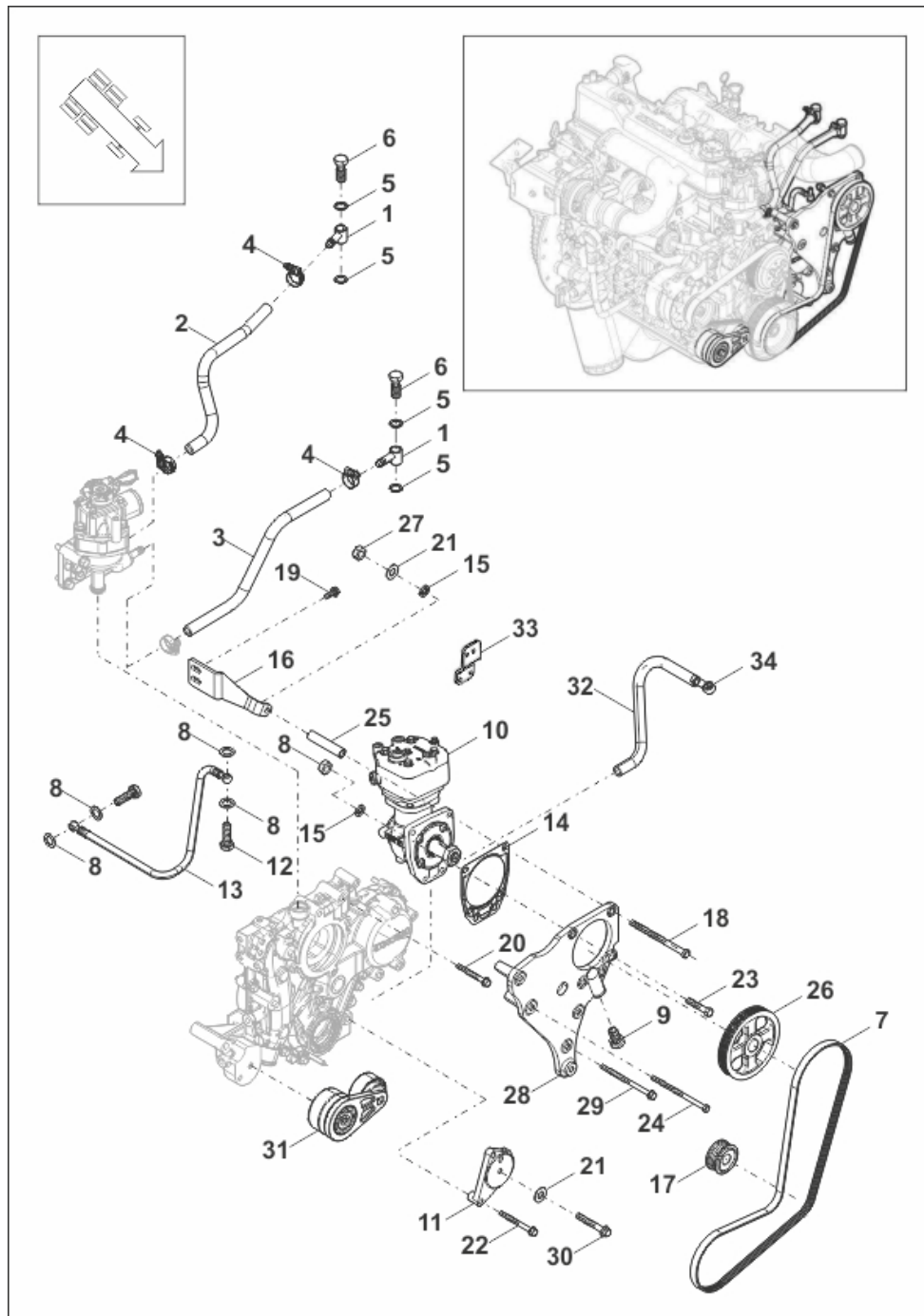
EXHAUST MUFFLER



EXHAUST MUFFLER

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590081700	A	BOLT M8x1.25x20	3	
2	931590018500	A	BOLT M8X1.25X21	2	
3	931590076600	A	CAST ADAPTOR TURBO	1	
4	931590076700	A	U-BOLT, DOC	2	
5	931590030700	A	BOLT FLANGE (10X1.5X16) 7T	1	
6	931590022400	A	ADAPTOR,WATER INLET	1	
7	931590015600	A	NUT FLANGE SELF LOCKING (M8X1.25) -TC	4	
8	931590076800	A	GASKET(11.12)	1	
9	931590076900	A	DOZER COOLANT PIPE ASSEMBLY	1	
10	931590011900	A	GASKET (20)	1	
11	931590022900	A	HOSE CLAMP	1	
12	931590003400	A	DOC ASSEMBLY	1	
13	931590017000	A	GASKET	1	
14	931590077000	A	DOC SUPPORT BRACKET	1	
15	931590077100	A	SUPPORT RIB	1	
16	931590000700	A	V-BAND CLAMP	1	

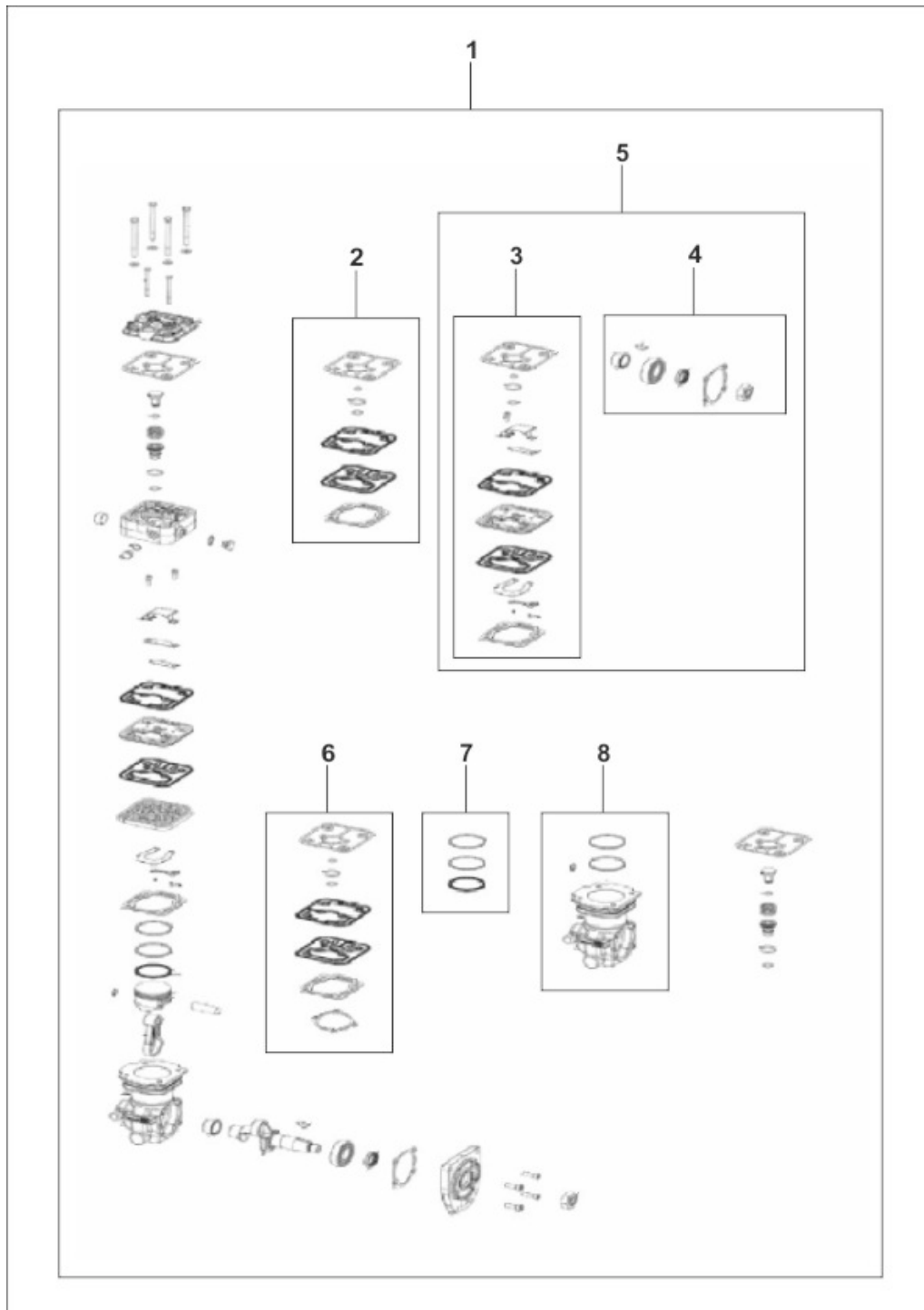
AIR COMPRESSOR AND PLUMBING



AIR COMPRESSOR AND PLUMBING

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590067200	A	BANJO WATER I/O	2	
2	931590067300	A	HOSE WATER OUT	1	
3	931590067400	A	HOSE WATER IN	1	
4	931590067500	A	HOSE CLAMP DIA 16-27	4	
5	931590016700	A	GASKET, FUEL FILTER	4	
6	931590067600	A	BANJO BOLT WATER I/O	2	
7	931590044700	A	POLY V BELT	1	
8	931590010100	A	GASKET (10)	4	
9	931590067700	A	BOLT EYE JOINT	1	
10	931590067800	A	COMPRESSOR ASSY (LCV/MCV)	1	
11	931590067900	A	MTG BRACKET AUTO TENSIONER	1	
12	931590009800	A	BOLT EYE(10x1.25)	2	
13	931590068000	A	PIPE OIL INLET MCV	1	
14	931590068100	A	GASKET COMPRESSOR (MCV)	1	
15	931590073500	A	IB001206,WASHER SPRING M10	4	
16	931590068200	A	COMPRESSOR MOUNTING BRACKET A	1	
17	931590068300	A	IDLER PULLEY ASSY	1	
18	931590068400	A	BOLT M10x1.5x135	1	
19	931590009700	A	BOLT M8x1.25x20	2	
20	931590004500	A	BOLT FLANGE (8X1.25X70) 7T	2	
21	931590068500	A	PLAIN WASHER 10	2	
22	931590022200	A	FLANGE BOLT M8X1.25X50	1	
23	931590068600	A	BOLT M10x1.5x50	3	
24	931590068700	A	BOLT M8x1.25x135	1	
25	931590068800	A	COMPRESSOR MOUNTING SPACER	1	
26	931590068900	A	COMPRESSOR PULLEY	1	
27	931590069000	A	IB001241,HEX NUT (M10)	4	
28	931590069100	A	COMPRESSOR MOUNTING BRACKET	1	
29	931590069200	A	BOLT FLANGE (M8X1.25X125X7T)	1	
30	931590006000	A	BOLT FLANGE (10X68), TIMING GEAR TRAIN	1	
31	931590069300	A	AUTOTENSIONER	1	
32	931590069400	A	OIL DRAIN HOSE ASSY.	1	
33	931590069500	A	BRKT AIR COMP. SUPPORT	1	
34	931590069600	A	JOINT EYE (ID=16)	1	

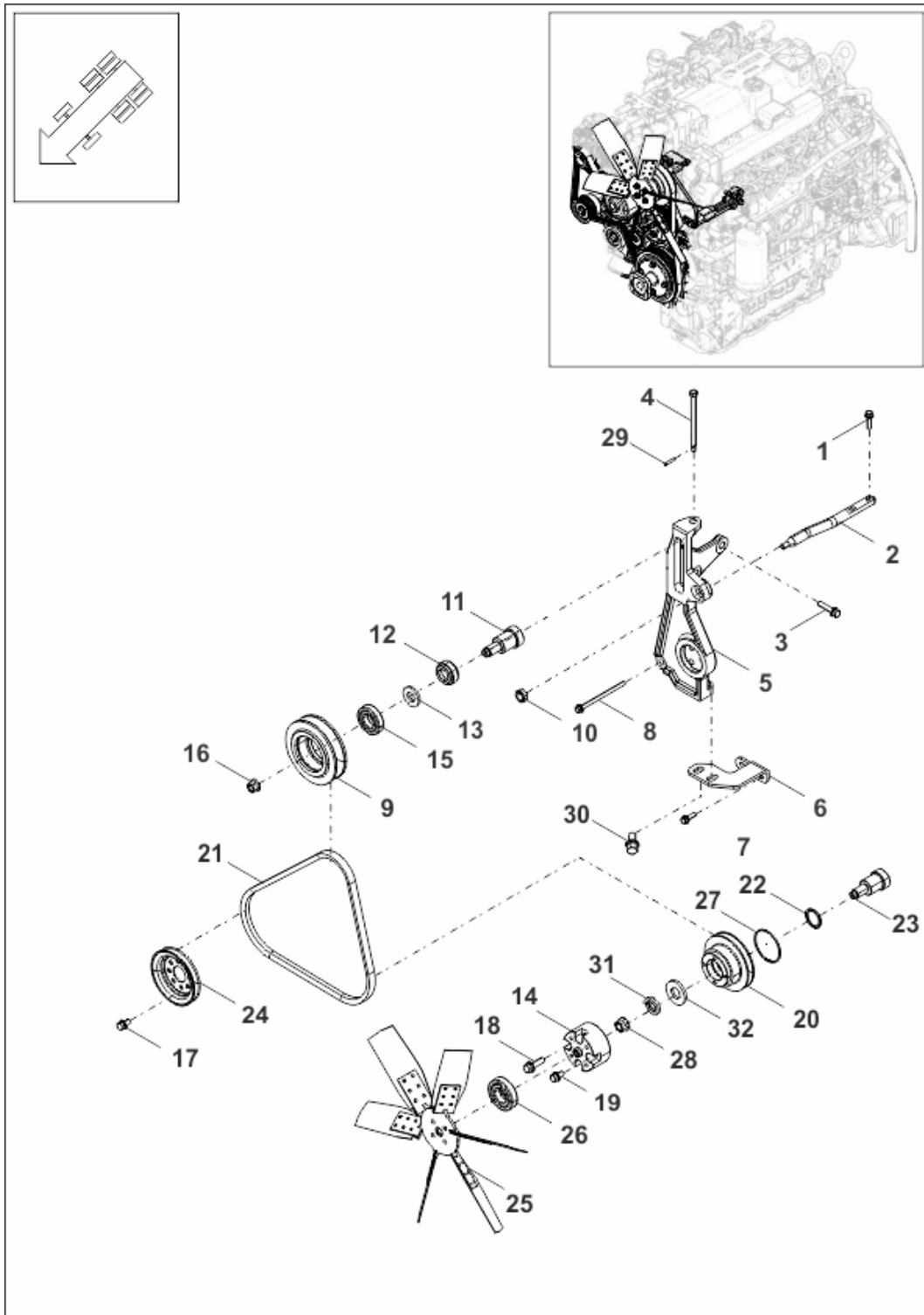
KIT AIR COMPRESSOR



KIT AIR COMPRESSOR

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590069700	A	PR KIT	1	
2	931590069800	A	HEAD KIT MINOR	1	
3	931590069900	A	HEAD KIT MAJOR	1	
4	931590070000	A	CRANK CASE KIT CRANK CASE KIT	1	
5	931590070100	A	MAJOR OVERHAUL KIT	1	
6	931590070200	A	GASKET KIT AND SEALING RIMG KIT	1	
7	931590070300	A	RING KIT	1	
8	931590070400	A	CRANK CASE AND PISTON ASSY KIT	1	

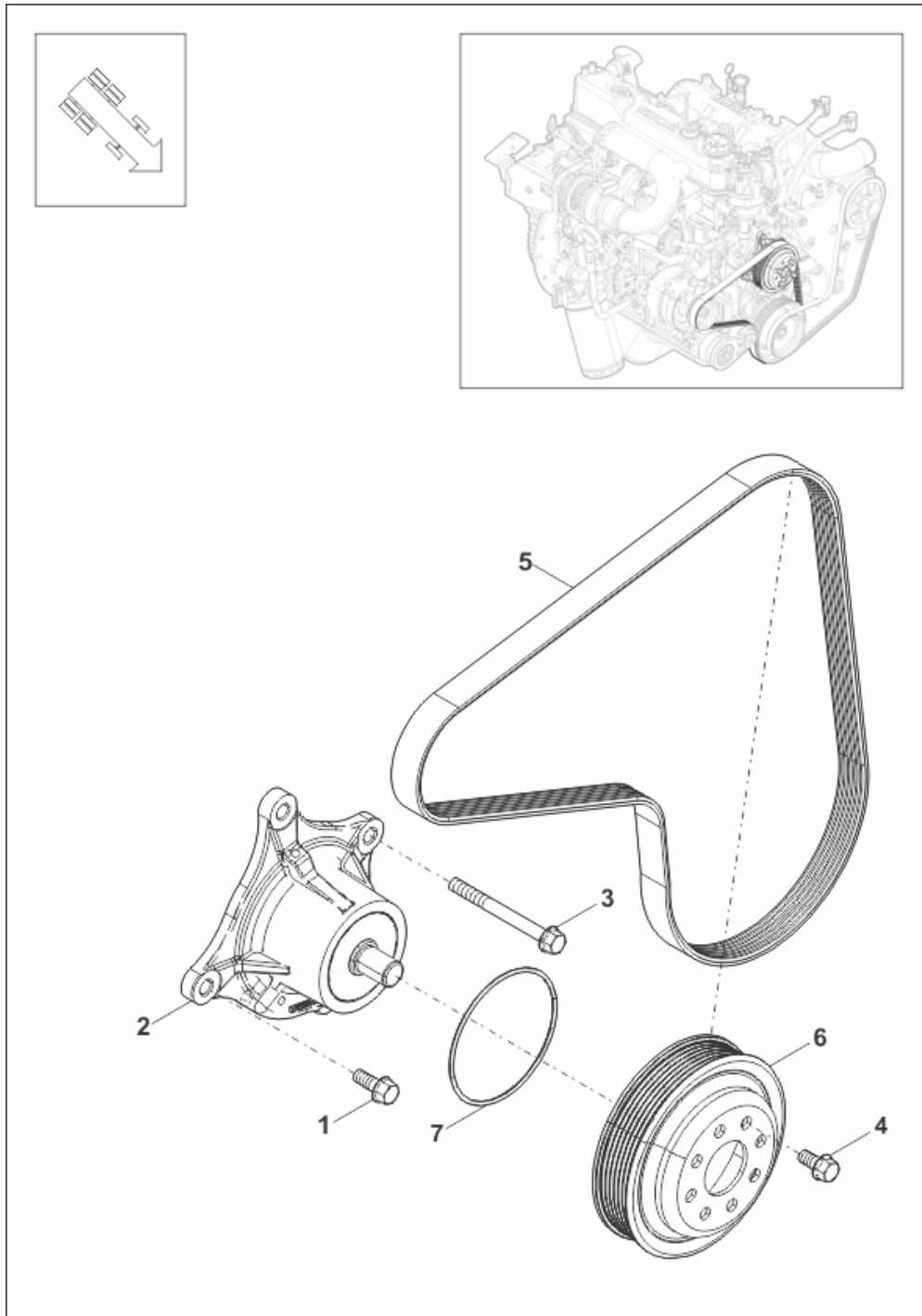
FAN & BELT DRIVE



FAN & BELT DRIVE

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590019700	A	BOLT FLANGE (M8X1.25X30) 7	2	
2	931590070500	A	MOUNTING ROD	1	
3	931590019600	A	BOLT FLANGE (10X1.5X25) 7T	2	
4	931590070600	A	BOLT (M10x1.5x140)	1	
5	931590070700	A	MOUNTING BRACKET FAN ASSEMBLY	1	
6	931590070800	A	SUPPORT BKT	1	
7	931590070900	A	BOLT M8x1.25x25	2	
8	931590069200	A	BOLT FLANGE (M8X1.25X125X7T)	1	
9	931590071000	A	IDLER PULLEY	1	
10	931590071100	A	NUT FL. M10x1.25	1	
11	931590071200	A	SHAFT TENSIONER PULLEY	1	
12	931590071300	A	SPACER FAN DRIVE	1	
13	931590071400	A	PLAIN WASHER	1	
14	931590071500	A	SPACER, FAN	1	
15	931590071600	A	BEARING BALL (MCV)	1	
16	931590027200	A	FLANGE NUT	1	
17	931590071700	A	BOLT M8X1.25X14	4	
18	931590070900	A	BOLT M8x1.25x25	7	
19	931590022300	A	FLANGE SCREW	6	
20	931590044600	A	FAN PULLEY	1	
21	931590044500	A	BELT, V	1	
22	931590071800	A	SPACER	1	
23	931590071900	A	SHAFT FAN DRIVE	1	
24	931590072000	A	PULLEY WATER PUMP	1	
25	931590072100	A	RADIATOR FAN	1	
26	931590072200	A	FAG BEARING	2	
27	931590072300	A	RING SNAP	2	
28	931590072400	A	CASTLE NUT (HCV)	1	
29	931590072500	A	PIN SPRINGDIA.3x16	1	
30	931590072600	A	BOLT FLANGE M10x1.25x14	2	
31	931590072700	A	WASHER SPRING 6.1x5.1	1	
32	931590072800	A	WASHER, FAN DRIVE FRONT	1	

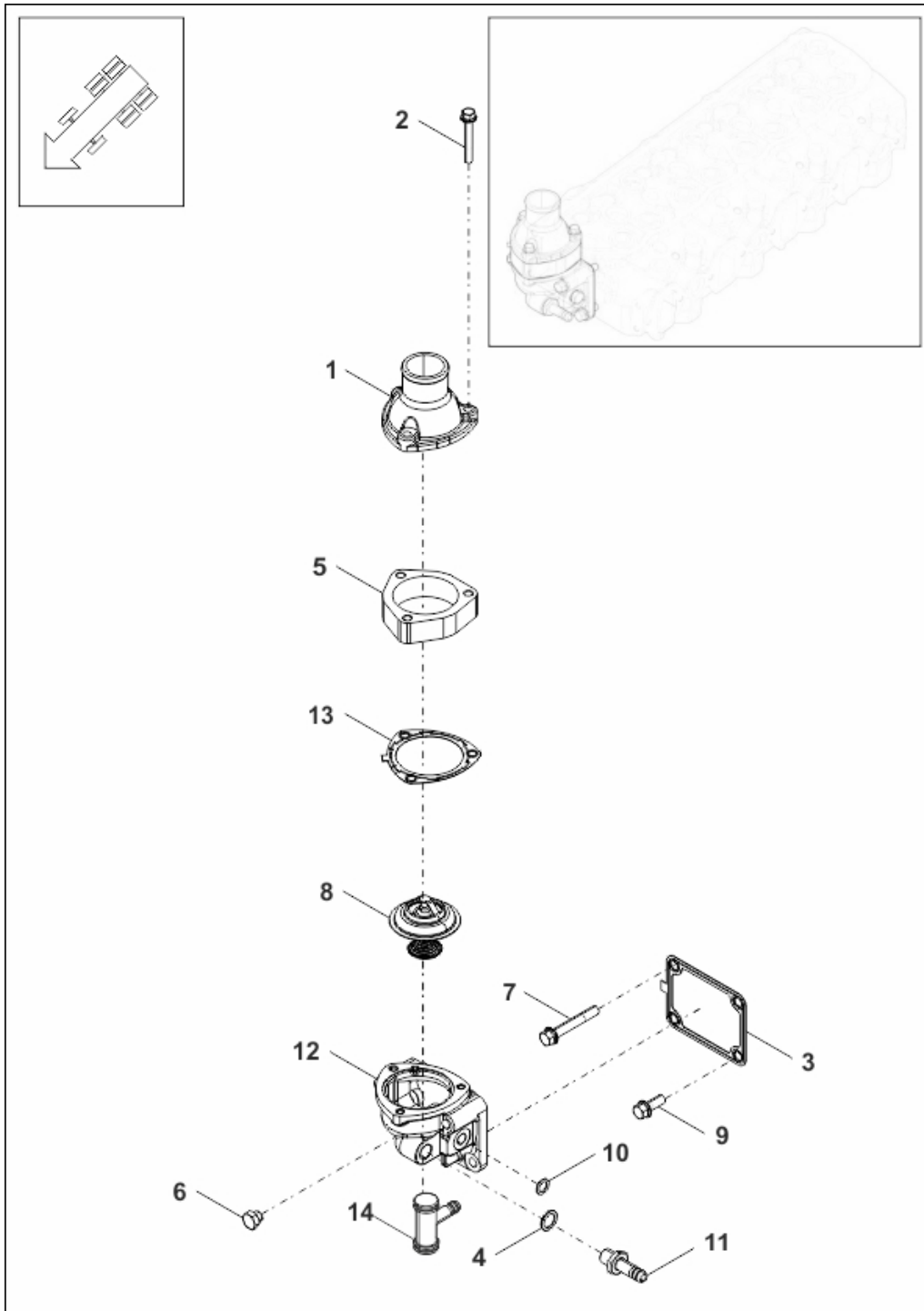
WATER PUMP



WATER PUMP

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590009700	A	BOLT M8x1.25x20	2	
2	931590044800	A	TBK WATER PUMP ASSY.	1	
3	931590019100	A	BOLT FLANGE 8X80	2	
4	931590012800	A	BOLT M8x1.25x25	4	
5	931590032400	A	V BELT FAN (15.16)	1	
6	931590072900	A	PULLEY WATER PUMP	1	
7	931590019000	A	O-RING (100) (7497)	1	

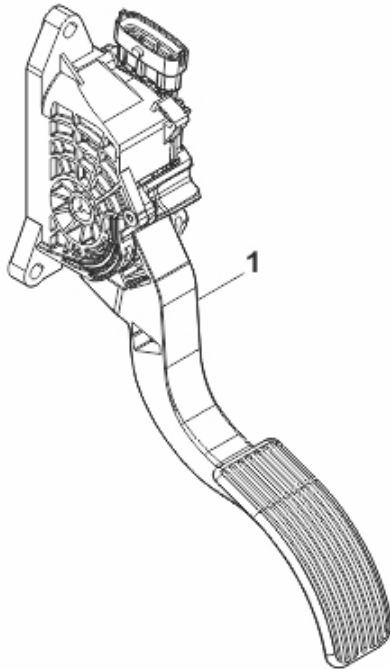
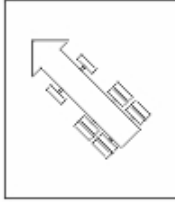
THERMOSTAT



THERMOSTAT

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590073000	A	COVER, THERMOSTAT	1	
2	931590022700	A	BOLT FLANGE(M8X1.25X55) 7T	3	
3	931590020100	A	GASKET, THERMOSTAT CASE	1	
4	931590016700	A	GASKET, FUEL FILTER	1	
5	931590073100	A	SPACER THERMOSTAT	1	
6	931590020700	A	PLUG, M12x1.5	1	
7	931590019900	A	BOLT FLANGE (10X1.5X65) 7T	2	
8	931590020400	A	ASSY THERMOSTAT	1	
9	931590019600	A	BOLT FLANGE (10X1.5X25) 7T	2	
10	931590012400	A	GASKET(12)	1	
11	931590073200	A	ADAPTOR WATER I/O - MCV/A BRAKE/TC/HCV	1	
12	931590020600	A	CASE, THERMOSTAT	1	
13	931590020500	A	GASKET,THERMOSTAT COVER	2	
14	931590073300	A	PIPE BYE-PASS (MCV)	1	

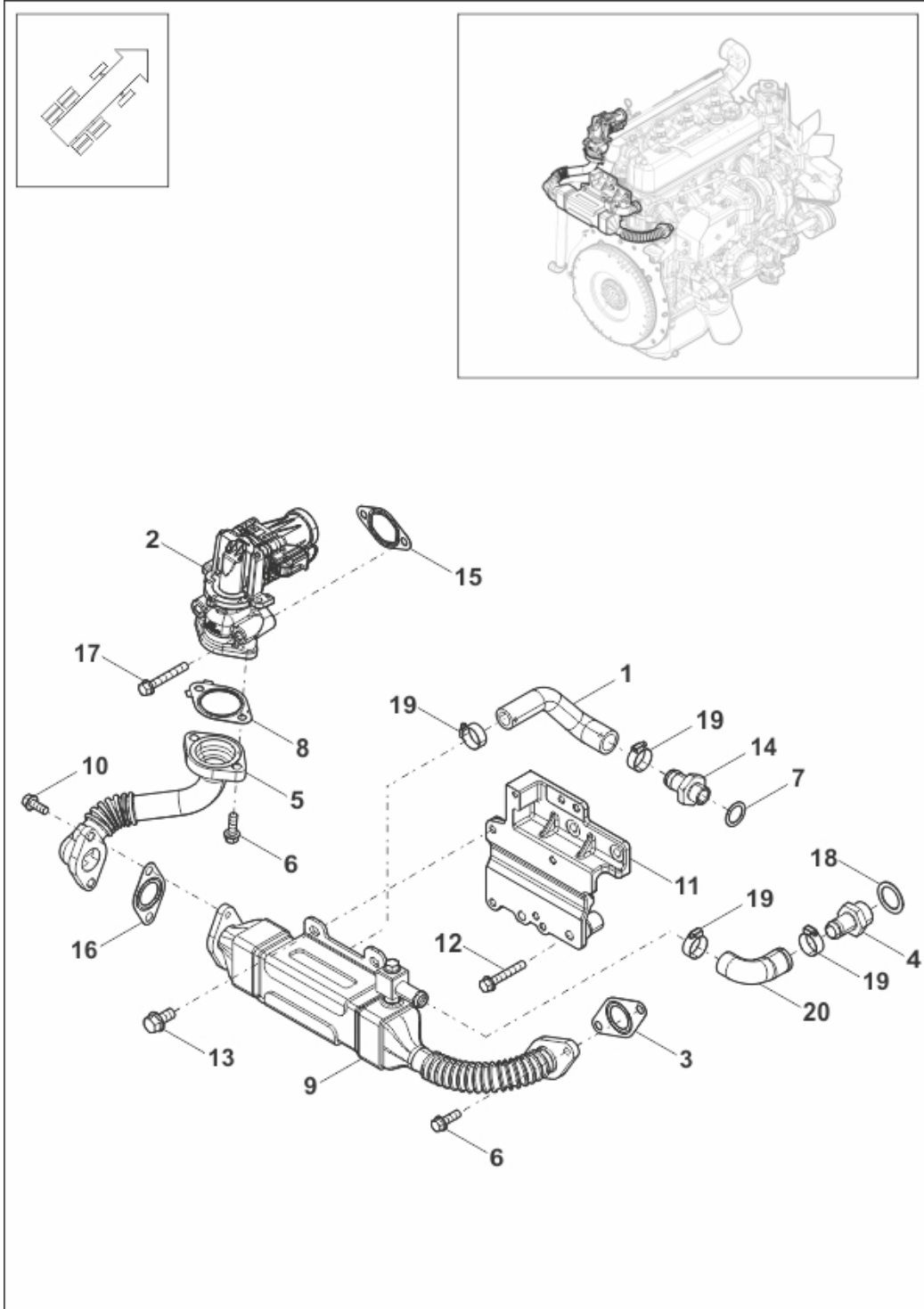
ACCELERATOR PEDAL



ACCELERATOR PEDAL

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590043400	A	ACCELERATOR PEDAL MODULE	1	

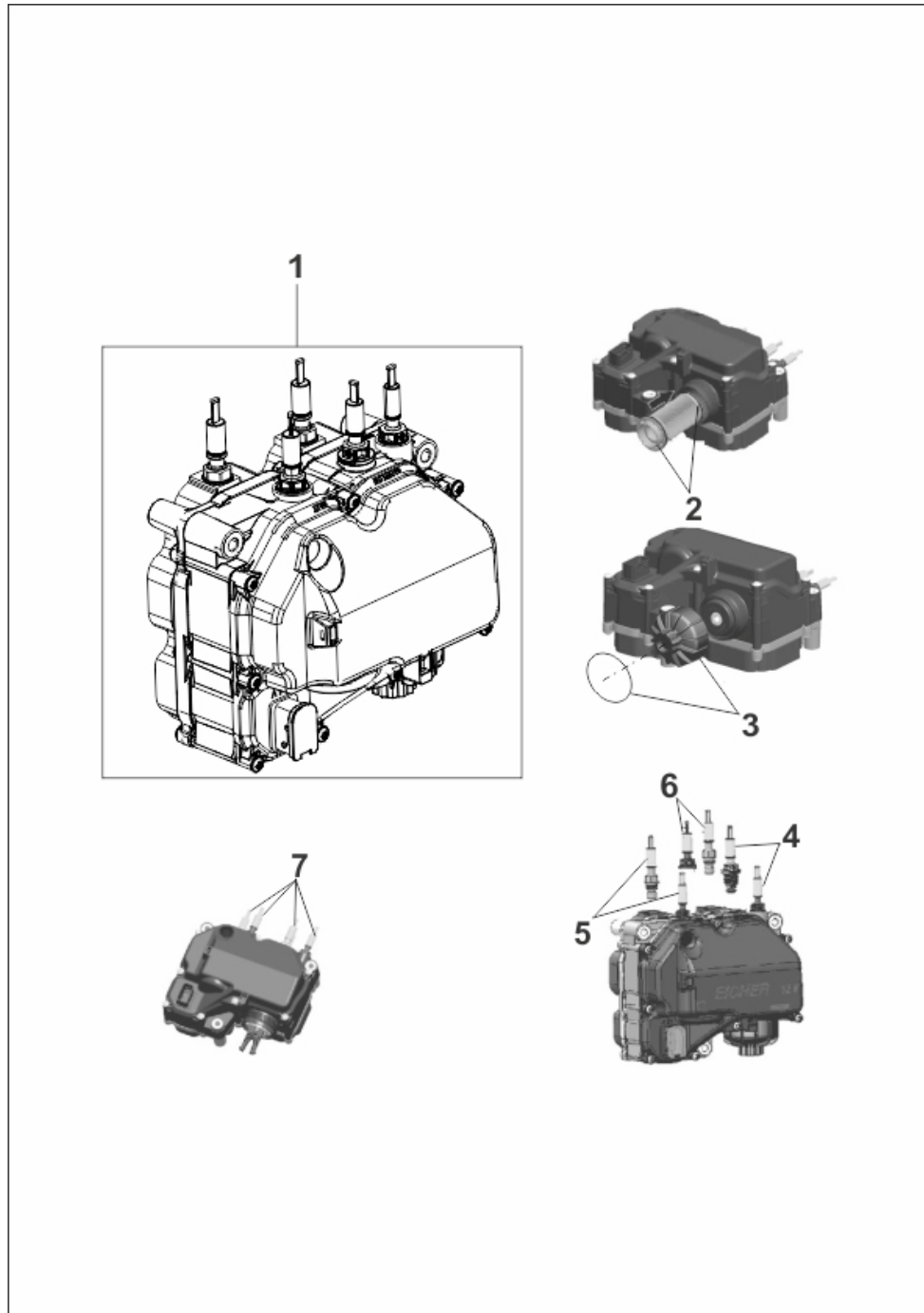
EGR COOLER



EGR COOLER

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590021100	A	COOLANT IN HOSE	1	
2	931590021200	A	EMEGR VALVE	1	
3	931590021300	A	GASKET EGR PIPE	1	
4	931590021400	A	ADAPTOR,WATER INLET	1	
5	931590021500	A	EGR PIPE COLD SIDE	1	
6	931590012800	A	BOLT M8x1.25x25	4	
7	931590011900	A	GASKET (20)	1	
8	931590021800	A	GASKET 64 C.D.	1	
9	931590021900	A	EGR COOLER 27 TUBE	1	
10	931590009700	A	BOLT M8x1.25x20	2	
11	931590022100	A	EGR CAST BRACKET	1	
12	931590022200	A	FLANGE BOLT M8X1.25X50	2	
13	931590022300	A	FLANGE SCREW	1	
14	931590022400	A	ADAPTOR,WATER INLET	1	
15	931590022500	A	GASKET (EGR VALVE TO EGR MIXTURE)	1	
16	931590022600	A	GASKET EGR PIPE	1	
17	931590022700	A	BOLT FLANGE(M8X1.25X55) 7T	2	
18	931590022800	A	GASKET, EYE BOLT (DIA 26) - HCV TC	1	
19	931590022900	A	HOSE CLAMP	4	
20	931590023000	A	EGR COOLANT OUT HOSE	1	

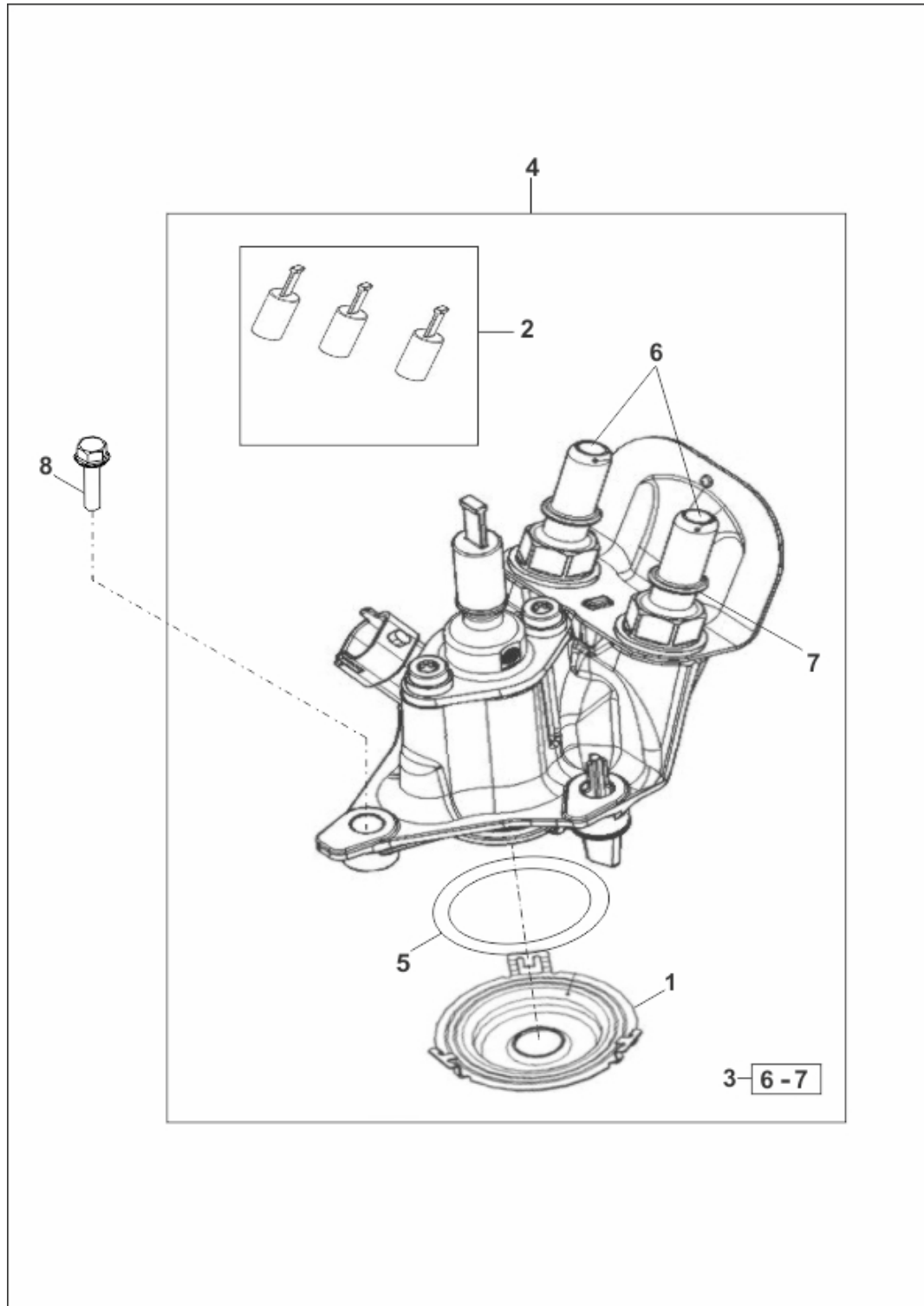
SUPPLY MODULE (DOSING)



SUPPLY MODULE (DOSING)

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590077200	A	EVO_SUPPLY_MODULE_WOT_NRV_12V	1	
2	931590022000	A	MAIN FILTER KIT	1	
3	931590077300	A	FILTER COVER KIT	1	
4	931590077400	A	ADBLUE INLET CONNECTOR KIT	1	
5	931590077500	A	ADBLUE OUTLET CONNECTOR KIT	1	
6	931590077600	A	ADBLUE BACKFLOW CONNECTOR KIT	1	
7	931590077700	A	PROTECTIVE CAP KIT PLATFORM (WATERHEATED	1	

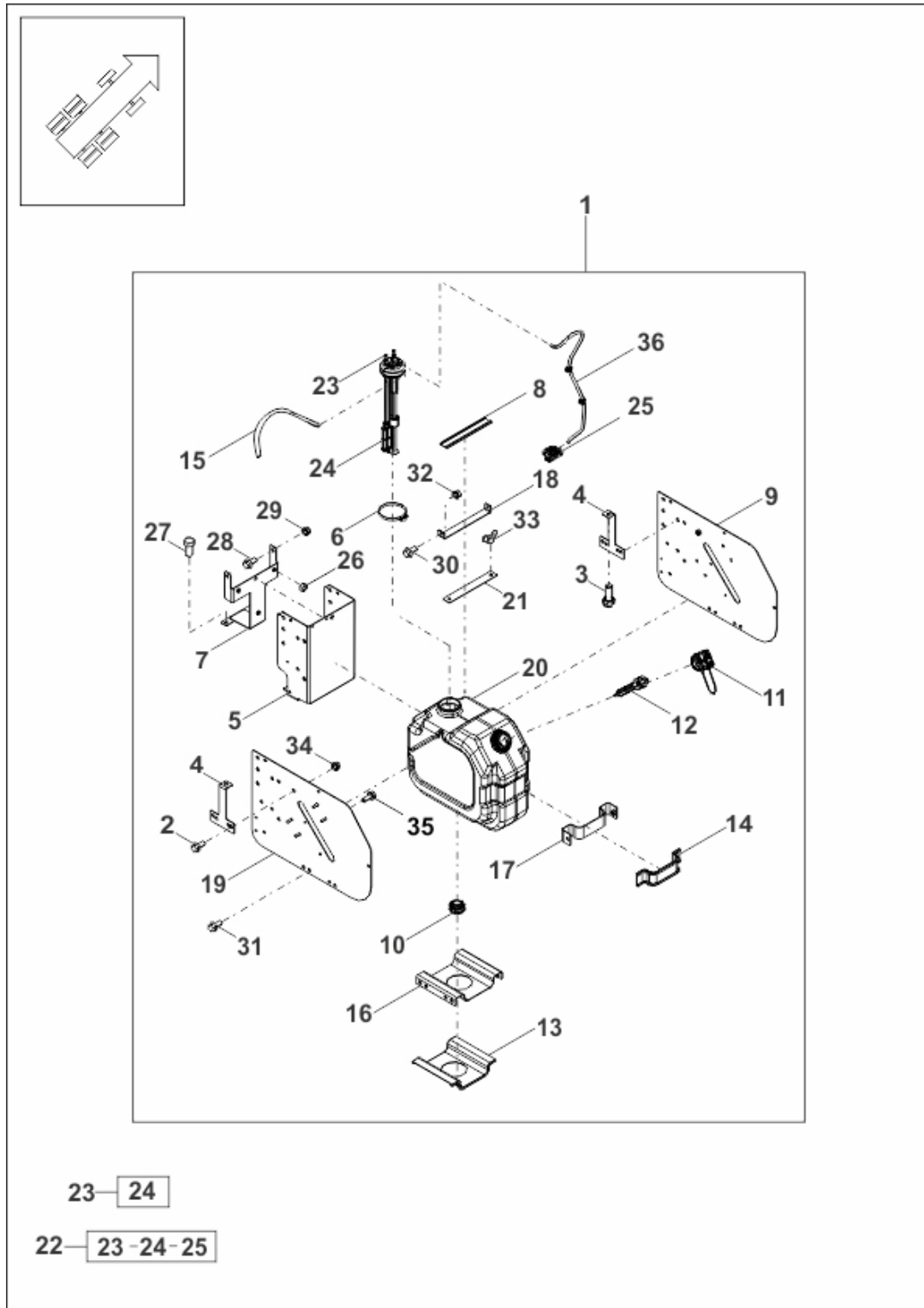
DOSING MODULE (NOZZLE)



DOSING MODULE (NOZZLE)

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590077800	A	SEALING PLATE	1	
2	931590077900	A	PROTECTIVE CAP KIT PLATFORM	1	
3	931590078000	A	COOLANT CONNECTOR KIT PLATFORM	1	
4	931590078100	A	INJECTOR ASSY, 6 HOLE AD BLUE	1	
5	#N/A	A	GASKET, STEEL DOZING MODULE	1	
6	#N/A	A	COOLANT CONNECTOR KIT PLATFORM	1	
7	931590078200	A	O-RING	1	
8	931590078300	A	M6X1X42 DM STUD	3	

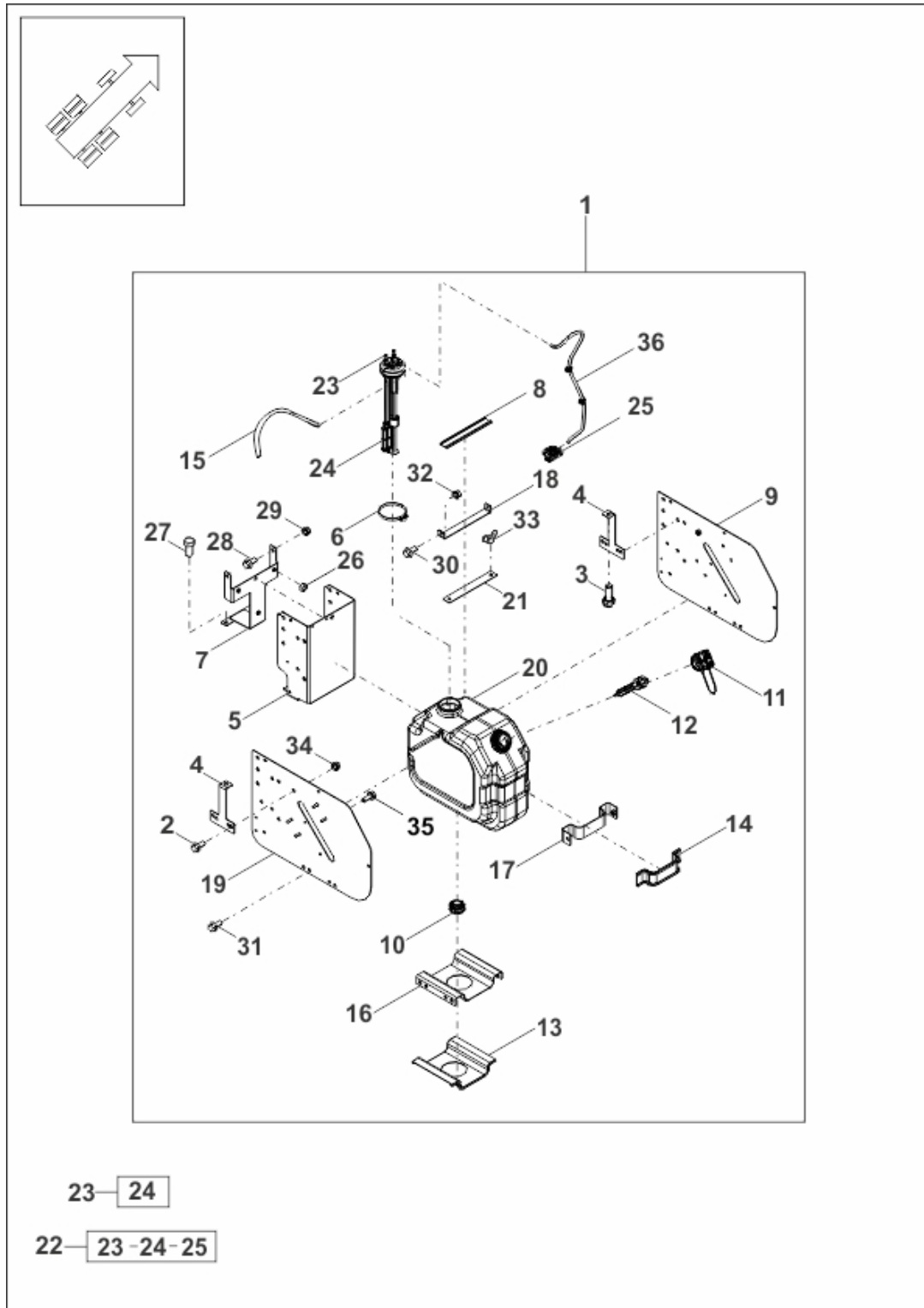
AdBLUE TANK



AdBLUE TANK

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590004300	A	27LTR AD BLUE TANK ASSY.	1	
2	#N/A	A	FLANGE SCREW M10x20	6	
3	931590078400	A	BOLT M10x25 MECH JACK	1	
4	#N/A	A	ASSY PLATE ADBLUE TANK	2	INCLUDES 3
5	931590078500	A	BRACKET UREA PUMP MOUNTING	1	
6	931590078600	A	HOSE CLAMP	1	
7	931590078700	A	BRACKET UREA DOSING UNIT	1	INCLUDES 26
8	931590078800	A	RUBBER PAD FOR UREA TANK (TOP)	1	
9	931590078900	A	SIDE PANEL ASSY. REAR	1	
10	931590079000	A	UREA TANKDRAIN PLUG	1	
11	931590079100	A	UREA TANKFILLER CAP	1	
12	931590044400	A	UREA TANKAdBlue Filter	1	
13	931590079200	A	RUBBER PAD FOR UREA TANK (BOTTOM)	1	
14	931590079300	A	RUBBER PAD FOR UREA TANK (FRONT)	1	
15	931590079400	A	UREA BREATHER PIPE	1	
16	931590079500	A	BOTTOM SUPPORT BKT. ASSY. FOR UREA TANK	1	
17	931590079600	A	FRONT SUPPORT BKT. ASSY. FOR UREA TANK	1	
18	931590079700	A	TOP SUPPORT BKT	1	
19	931590079800	A	SIDE PANEL ASSY. FRONT	1	INCLUDES 35
20	931590079900	A	27LTR UREA TANK 27LTR UREA TANK	1	

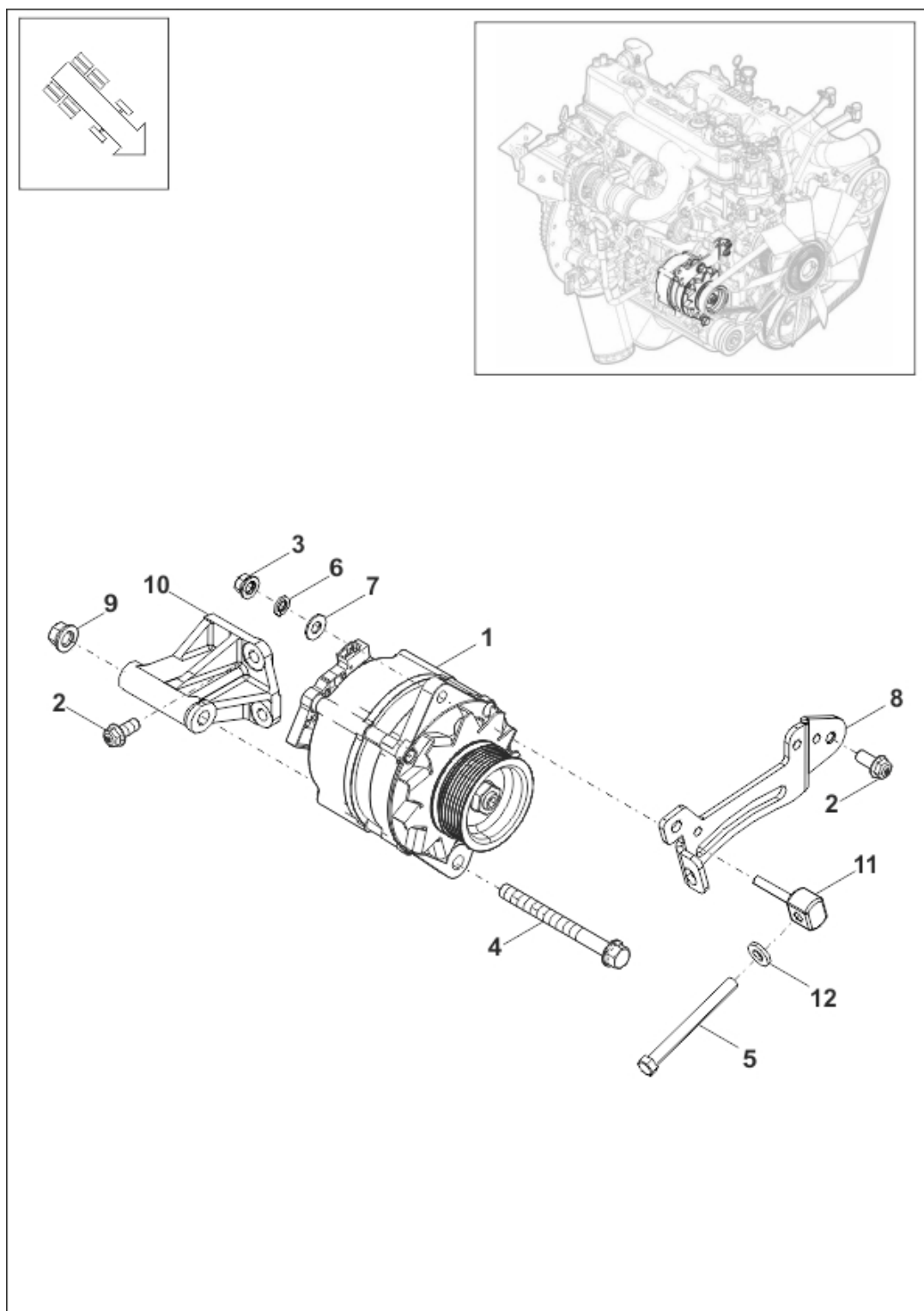
AdBLUE TANK



AdBLUE TANK

S.NO.	Part No.	Rev.	Description	Qty	Remarks
20	931590079900	A	27LTR UREA TANK 27LTR UREA TANK	1	
21	#N/A	A	PLATE	1	
22	931590055800	A	AVX UREA LEVEL AND QUALITY SENSOR (25L)	1	
23	931590080000	A	SENDER UNIT ASSEMBLY	1	
24	931590044300	A	Urea level sensor Filter	1	
25	931590080100	A	UCS ASSEMBLY	1	
26	931590080200	A	NUT JAM 8	3	
27	931590035300	A	BOLT M6x1x16	2	
28	931590080300	A	BOLT M10x1.25x25	2	
29	931590071100	A	NUT FL. M10x1.25	2	
30	931590081700	A	BOLT M8x1.25x20	2	
31	931590003300	A	BOLT FLANGE (10X1.25X20) 8	6	
32	931590010000	A	NUT FL. M8X1.25	2	
33	931590080400	A	WING NUT (HCV)	2	
34	931590080500	A	NUT HEX M10	1	
35	931590080600	A	BOLT M8X1.25X25	4	
36	931590080700	A	CABLE HARNESS ASSEMBLY	1	

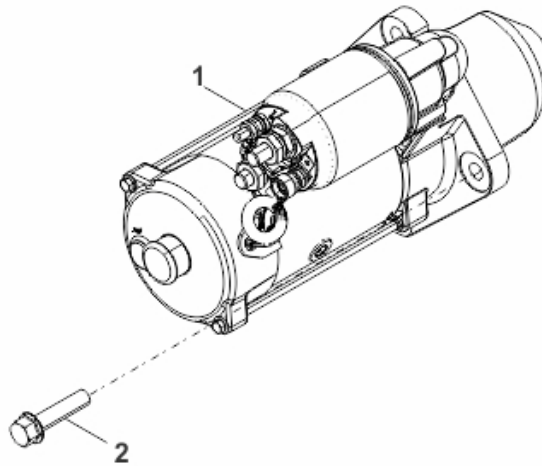
ALTERNATOR



ALTERNATOR

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590055900	A	ALTERNATOR 75A, 12V LCB AB	1	
2	931590008700	A	BOLT FLANGE (10X1.5X22) 1	4	
3	931590071100	A	NUT FL. M10x1.25	1	
4	931590023400	A	BOLT, FLANGE (12x125)	1	
5	931590073400	A	HEX BOLT (10X100)	1	
6	931590073500	A	IB001206,WASHER SPRING M10	1	
7	931590068500	A	PLAIN WASHER 10	1	
8	931590073600	A	BRACKET ALTERNATOR	1	
9	931590027200	A	FLANGE NUT	2	
10	931590073700	A	BRACKET ALTERNATOR	1	
11	931590073800	A	ALTERNATOR BOLT (HCV)	1	
12	931590073900	A	WASHER	1	

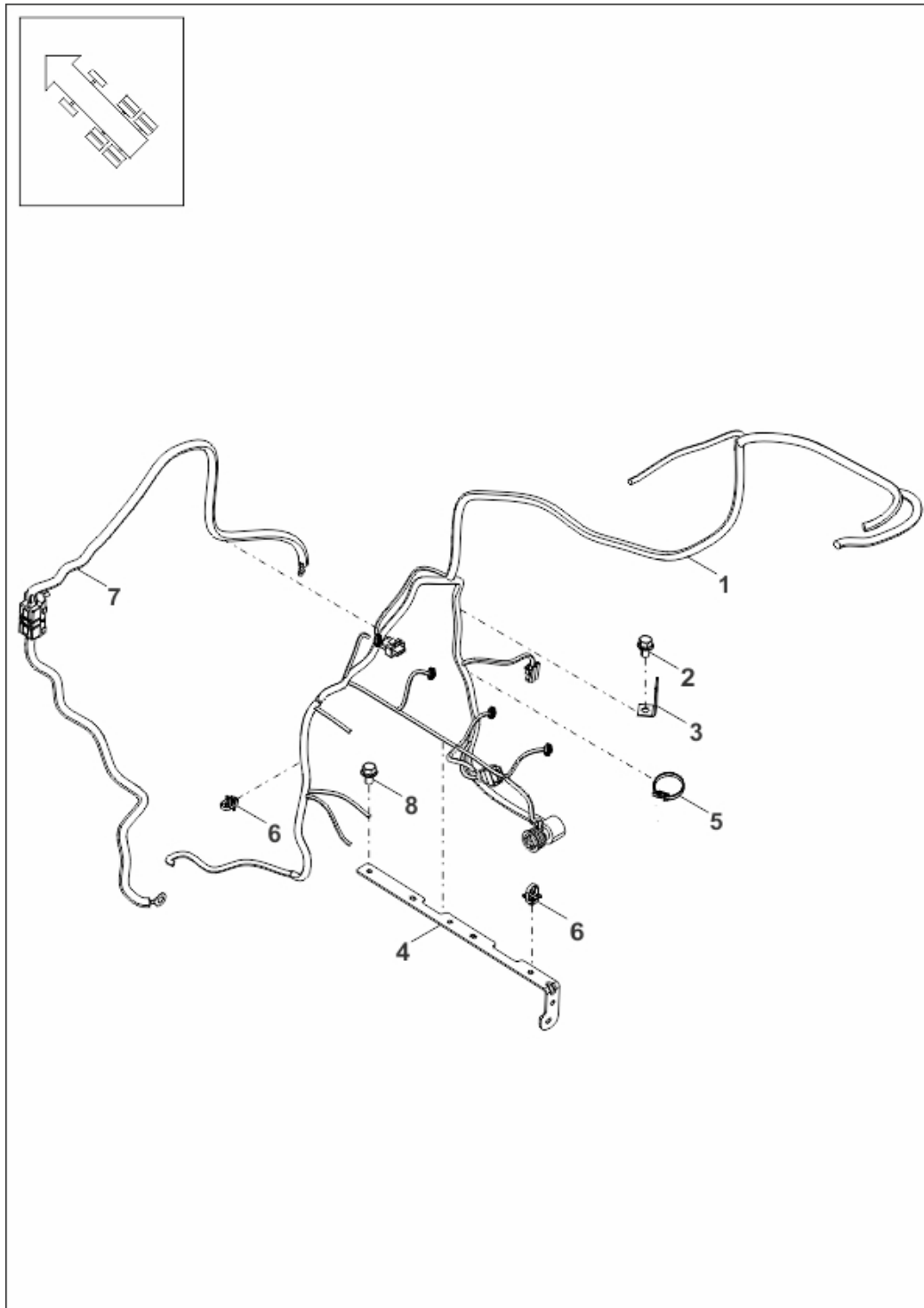
STARTER MOTOR



STARTER MOTOR

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590024000	A	STARTER MOTOR HCV (BOSCH - HX-87, TP 12	1	
2	931590024100	A	BOLT FLANGE M10 X 1.5X 42)	3	

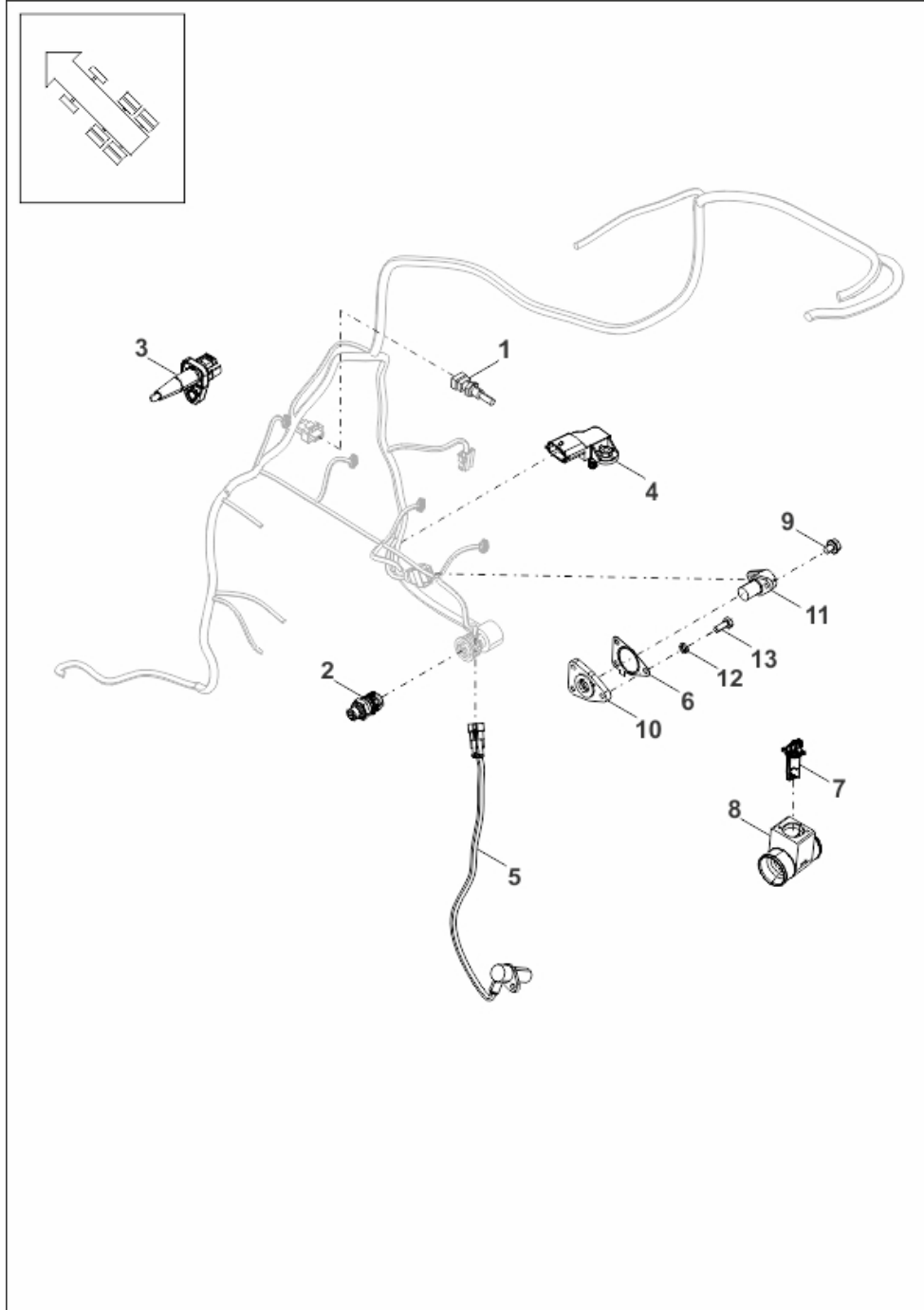
ENGINE WIRING HARNESS



ENGINE WIRING HARNESS

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590027100	A	ENG W/H NON-AUTO VCE DD90 74 KW	1	
2	931590075000	A	BOLT M10x1.25x16	1	
3	931590074900	A	BRACKET, HARNESS, CLIP	1	
4	931590074500	A	MOUNTING BRACKET	1	
5	931590074300	A	DISTANCE CLIP	2	
6	931590075100	A	980881 Engine harness clip	7	
7	931590080800	A	POWER CABLE	1	
8	931590074800	A	BOLT FLANGE M6x1x12	3	

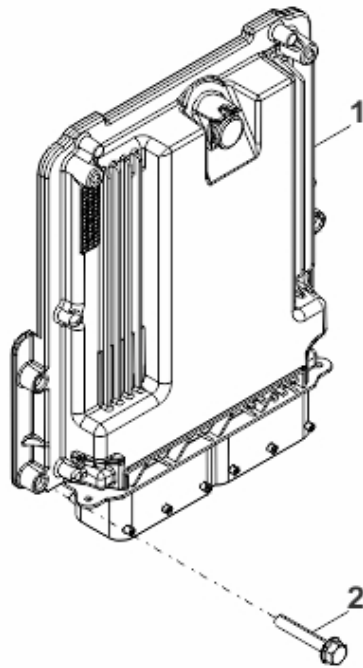
SENSORS ENGINE



SENSORS ENGINE

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590024200	A	TEMPERATURE SENSOR (4 EDC)	1	
2	931590024300	A	OIL PRESSURE SENSOR	1	
3	931590025900	A	AMBIENT TEMPERATURE SENSOR	1	
4	931590024500	A	BOOST PRESSURE SENSOR (LCV/MCV)	1	
5	931590024600	A	SPEED SENSOR (4 EDC)	1	
6	931590025400	A	GASKET, FEED PUMP MOUNTING (E-483)	1	
7	931590000500	A	PFM SENSOR 12V/24V E474	1	
8	931590000600	A	PFM SENSOR MTNG BKT	1	
9	931590025300	A	BOLT FLANGE(6X1X8) 7T	1	
10	931590024900	A	PHASE SENSOR MTG PLATE (11.10 EURO III	1	
11	931590025000	A	PHASE SENSOR (LCV/MCV)	1	
12	931590025100	A	SPRING WASHER M6	3	
13	#N/A	A	BOLT M6x1x16	3	

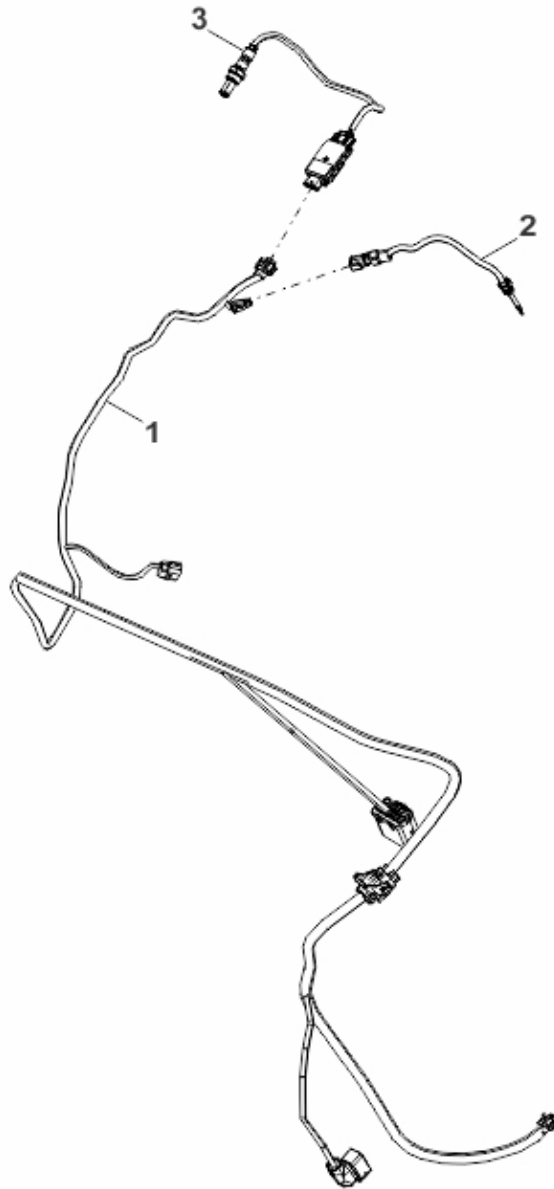
ENGINE ECU



ENGINE ECU

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590007500	A	ECU FOR E494 BSVI	1	
2	931590026100	A	BOLT FLANGE (6X1X35) 4T	4	

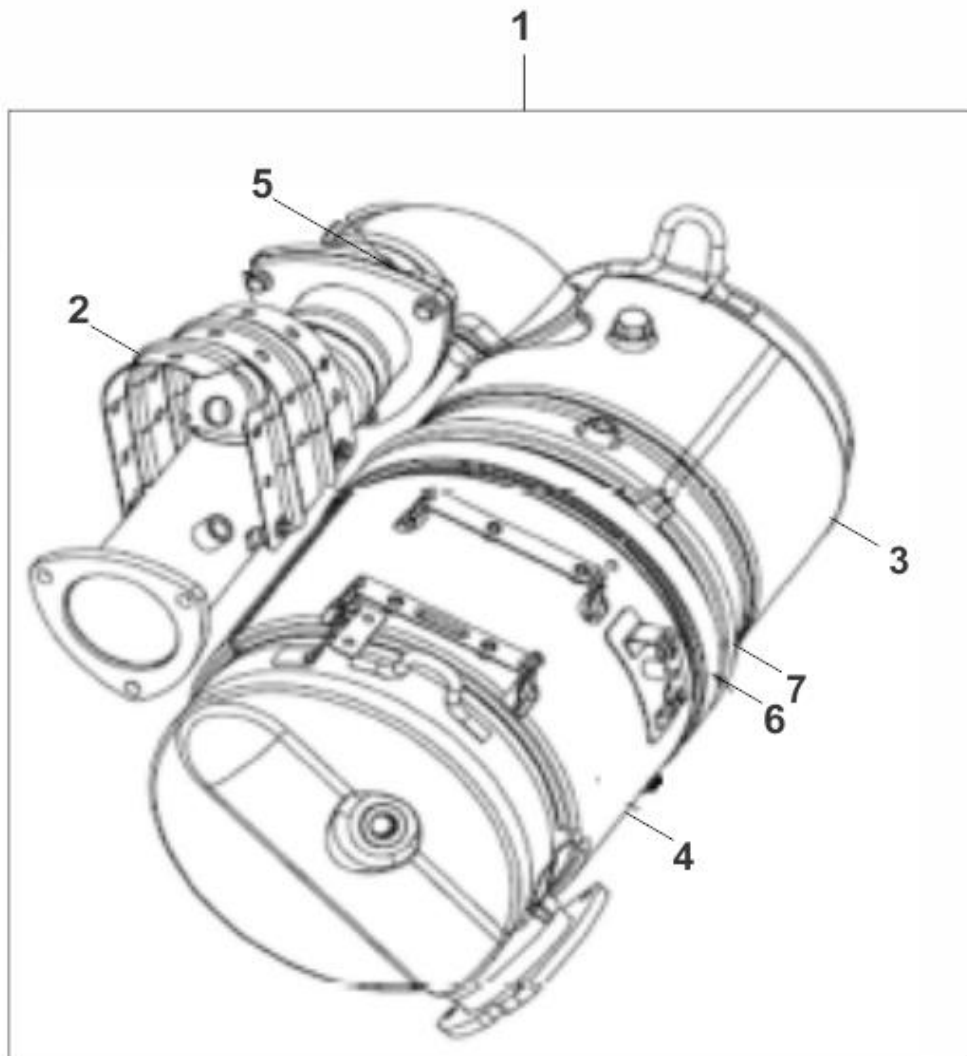
EATS HARNESS & SENSORS



EATS HARNESS & SENSORS

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590023300	A	EATS HARNESS E483 ACE 74KW	1	
2	931590080900	A	23593751 EGT(180Degree)250mm	1	
3	931590020800	A	Nox sensor 12V	1	

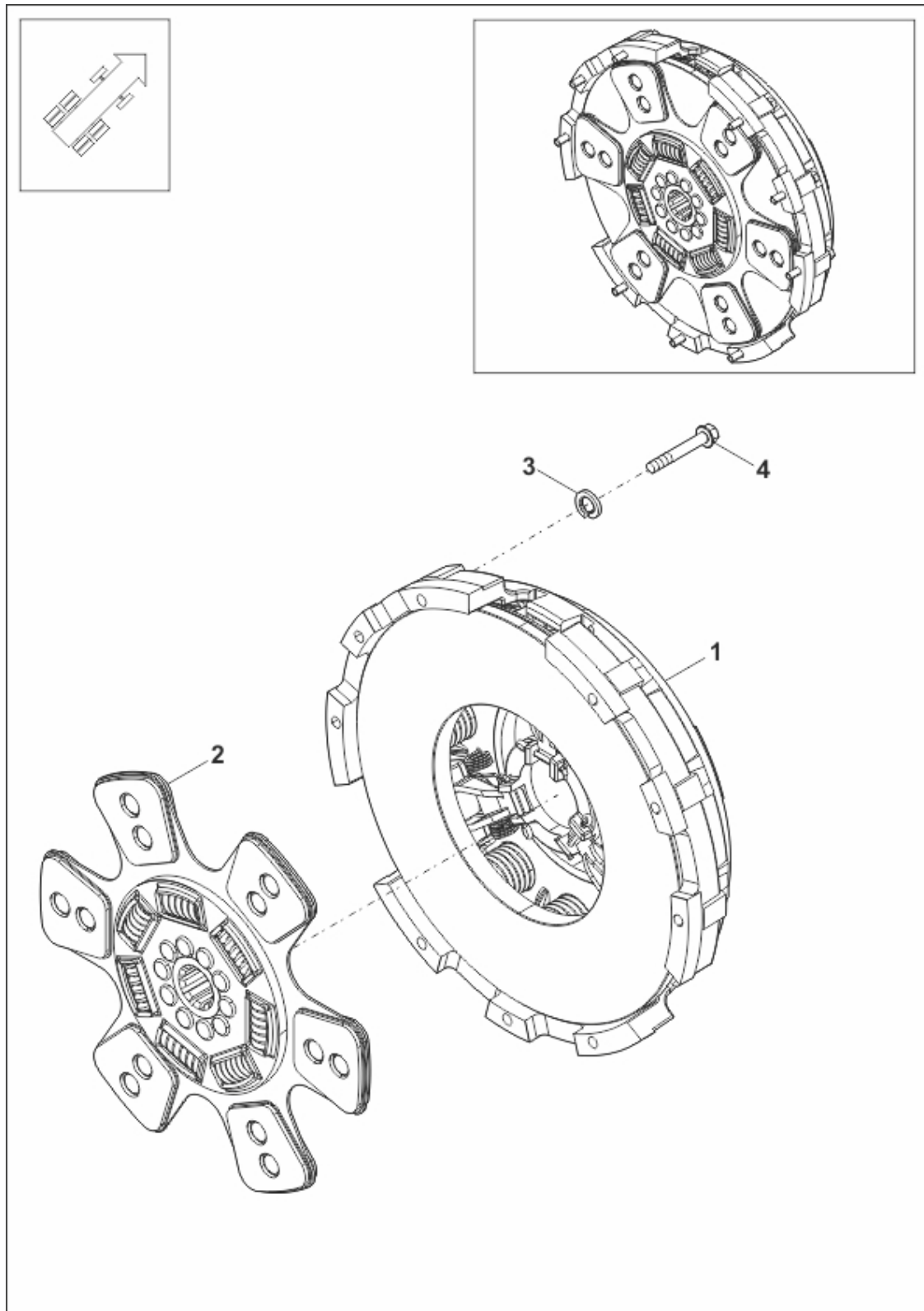
EATS ASSY



EATS ASSY

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590005600	A	EATS, E483	1	
2	931590081000	A	DECOM TUBE ASSY	1	
3	931590081100	A	Gas Inlet Module	1	
4	931590081200	A	SCR Module, E474	1	
5	931590081300	A	Flange Gasket	1	
6	931590081400	A	V BAND CLAMP 10.5	1	
7	931590081500	A	GASKET_10.5	1	

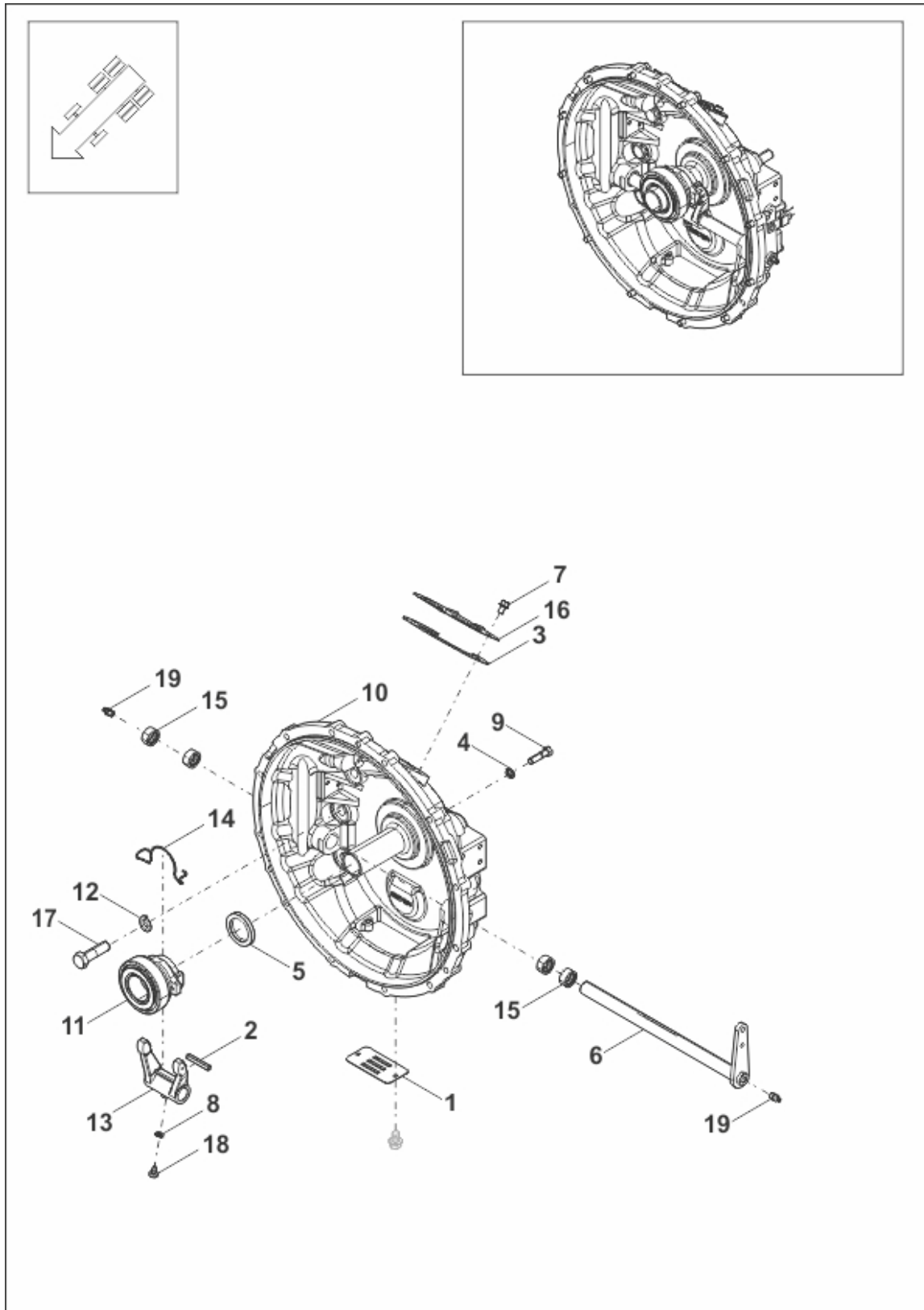
CLUTCH COVER & DISC



CLUTCH COVER & DISC

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590044900	A	CLUTCH COVER ASSY DIA330 (4X2T/20.16)	1	
2	931590056100	A	CLUTCH DISC ASSY DIA330 (4X2T/20.15)	1	
3	931590081600	A	IB001205,WASHER SPRING M8	9	
4	931590052500	A	BOLT, FLANGEM8X1.25X54	9	
5	931590050100	A	DISC FACING SERVICE KIT	1	

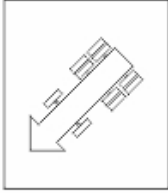
CLUTCH HOUSING & CONTROLS



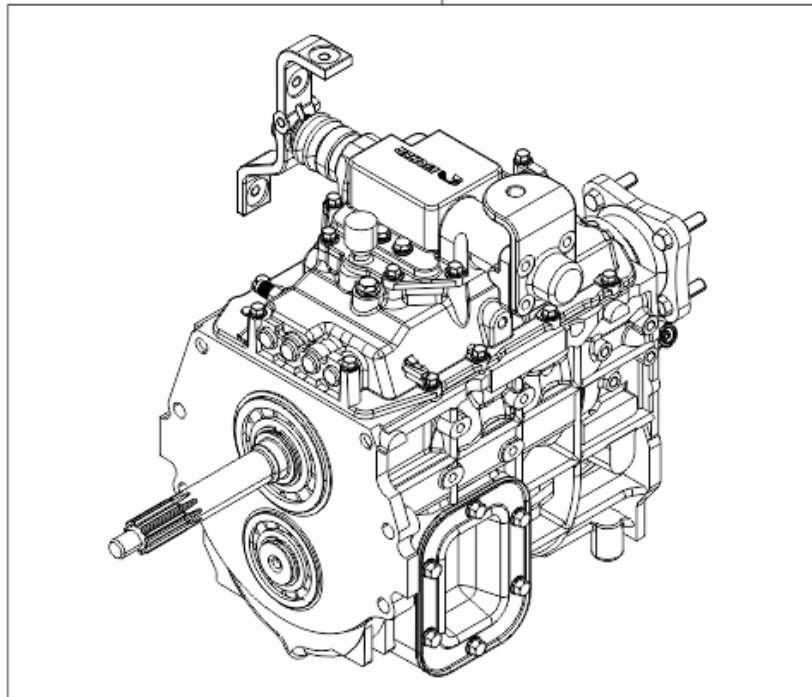
CLUTCH HOUSING & CONTROLS

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590051900	A	INSPECTION COVER, BOTTOM	1	
2	931590046700	A	KEY M/T, CL. RELEASE	1	
3	931590046800	A	GASKET INS. COVER	1	
4	931590073500	A	IB001206,WASHER SPRING M10	12	
5	931590028000	A	OIL SEAL-HCV	1	
6	931590045800	A	ID200419,SHAFT CLUTCH RELEASE	1	
7	931590017400	A	BOLT FLANGE (8X1.25X12) 7T	3	
8	931590052900	A	SPRING WASHER (ZP)M8	1	
9	931590053300	A	HEX BOLT 10 X 1.5 X 37 (10	12	
10	931590052200	A	ID327984, CLUTCH HOUSING	1	
11	931590045100	A	ID328033, CLUTCH RELEASE BEARING	1	
12	931590028700	A	WASHER SPRING (16)	6	
13	931590046500	A	ID200517,FORK CL RELEASE-HCV	2	
14	931590045900	A	ID200421, SPRING CLUTCH RELEASE	1	
15	931590052300	A	BEARING CLUTCH RELEASE N.B	4	
16	931590008400	A	ID200335,COVER T/M HSG. INSP.	1	
17	931590012500	A	IA222179,BOLT CLUTCH HOUSING MTG - HCV	6	
18	931590046600	A	SET SCREW,M/T CLUTCH	1	
19	931590053100	A	GREASE NIPPLE (10)	2	

TRANSMISSION



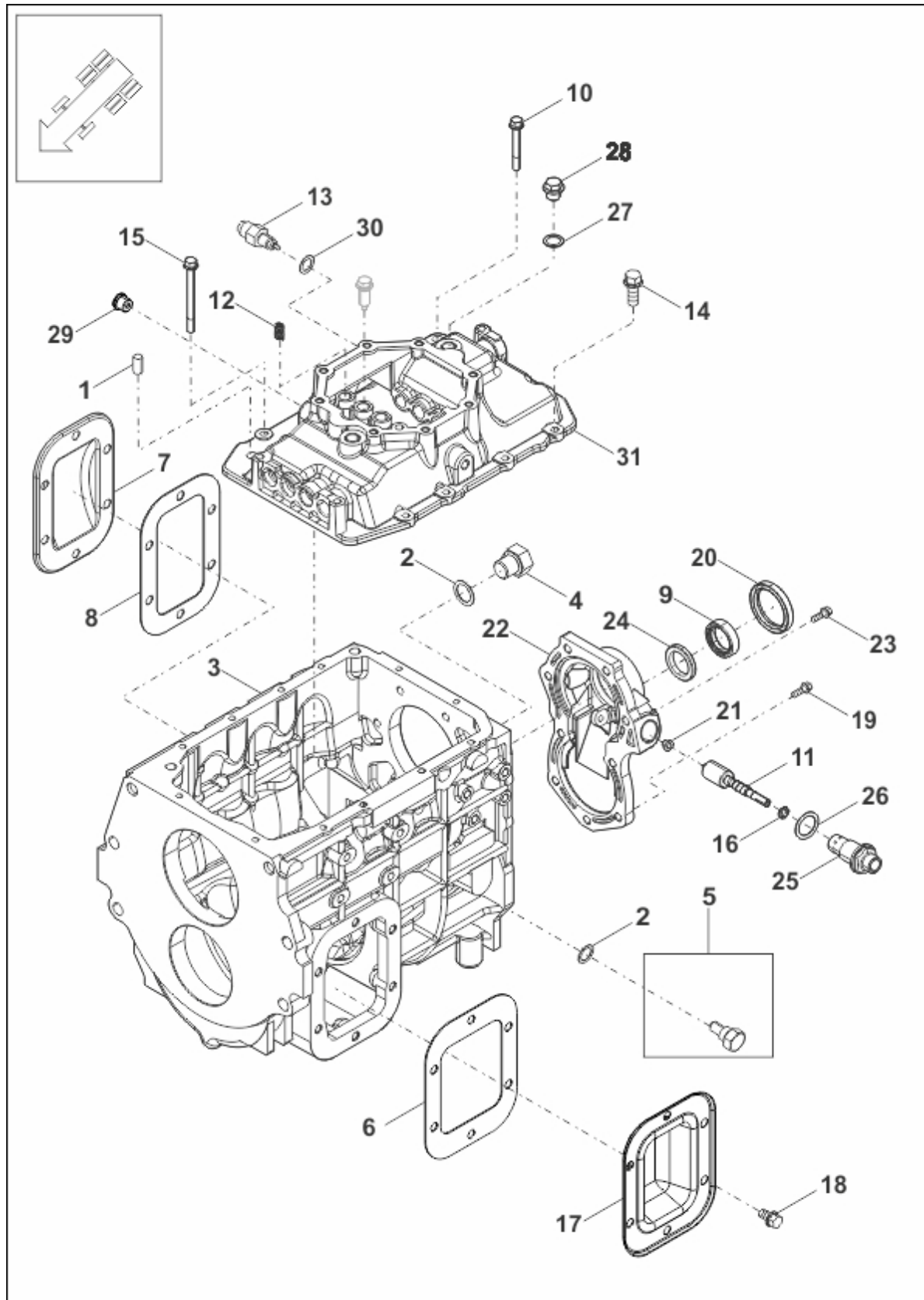
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TRANSMISSION

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590055100	A	T/M ASSY FOR ACE (NON AUTO) ET60S5	1	

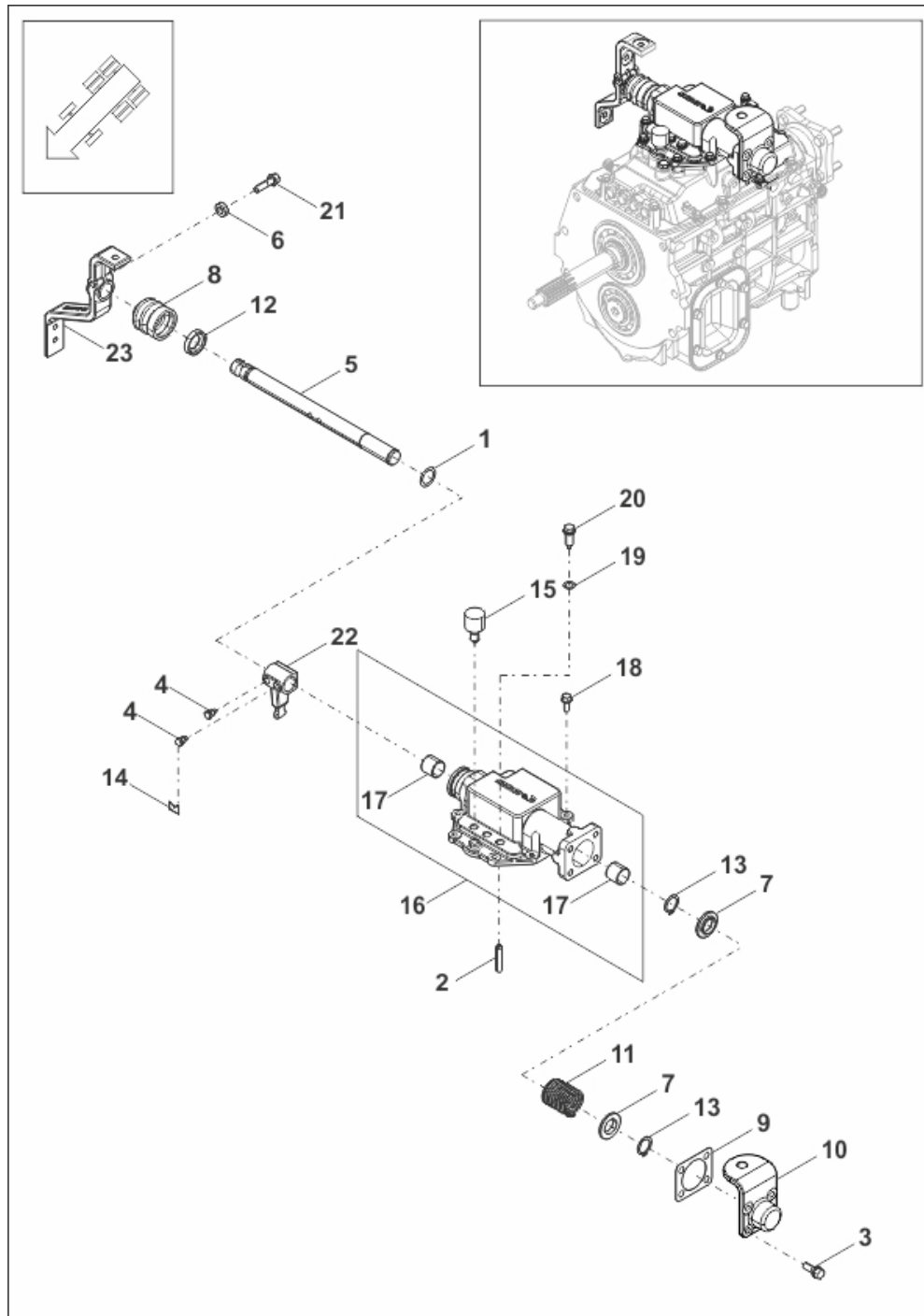
TRANSMISSION CASE ASSY



TRANSMISSION CASE ASSY

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590030000	A	ID201239, PIN, T/M CASE - HCV	2	
2	931590030500	A	GASKET (20)	3	
3	931590051700	A	CASE TRANSMISSION	1	
4	931590030200	A	PLUG DRAI 20	2	
5	931590030300	A	ME654546, PLUG, MAGNET	1	
6	931590046400	A	ID200506,GASKET PTO COVER	1	
7	931590012900	A	REVERSE GEAR COVER	1	
8	931590015500	A	ID200332,GASKET REVERSE GEAR COVER	1	
9	931590048600	A	WORM SPEEDO METER 2.667 (HCB)	1	
10	931590031600	A	BOLT FLANGE (8X60)	2	
11	931590048500	A	GEAR SPEEDO METER 2.667 (HCB)	1	
12	931590053900	A	ME600136, SPRING PUPPET	3	
13	931590030900	A	SWITCH ASSY BACK UP LAMP - HCV	1	
14	931590009700	A	BOLT M8x1.25x20	9	
15	931590009400	A	BOLT FLANGE (M8x1.25x90)	1	
16	931590032300	A	OIL SEAL (7487)	1	
17	931590032600	A	ID202357, P T O COVER (HCV)	1	
18	931590030700	A	BOLT FLANGE (10X1.5X16) 7T	6	
19	931590029200	A	FLANGE SCREW	8	
20	931590029700	A	ID200336, OIL SEAL CASE EXTN-HCV	1	
21	931590029400	A	BUSHING SPEEDOMETER GEAR,	1	
22	931590016800	A	COVER REAR (HCV)	1	
23	931590053200	A	BOLT FLANGE (10X1.5X50) 7T	1	
24	931590032200	A	SPEEDO GEAR SPACER - HCV	1	
25	931590031800	A	ID200343,BUSHING SPEEDO	1	
26	931590031900	A	ID200344,GASKET SPEEDO GEAR	1	
27	931590016700	A	GASKET, FUEL FILTER	2	
28	931590052400	A	BOLT,PLUG	2	
29	931590031000	A	PLUG CASE LOWER HCV	1	
30	931590030800	A	IB003405,GASKET (14)REV GEAR SWITCH	1	
31	931590050800	A	ID306409, CASE G/S LOWER HCV- HYBRID GSL	1	

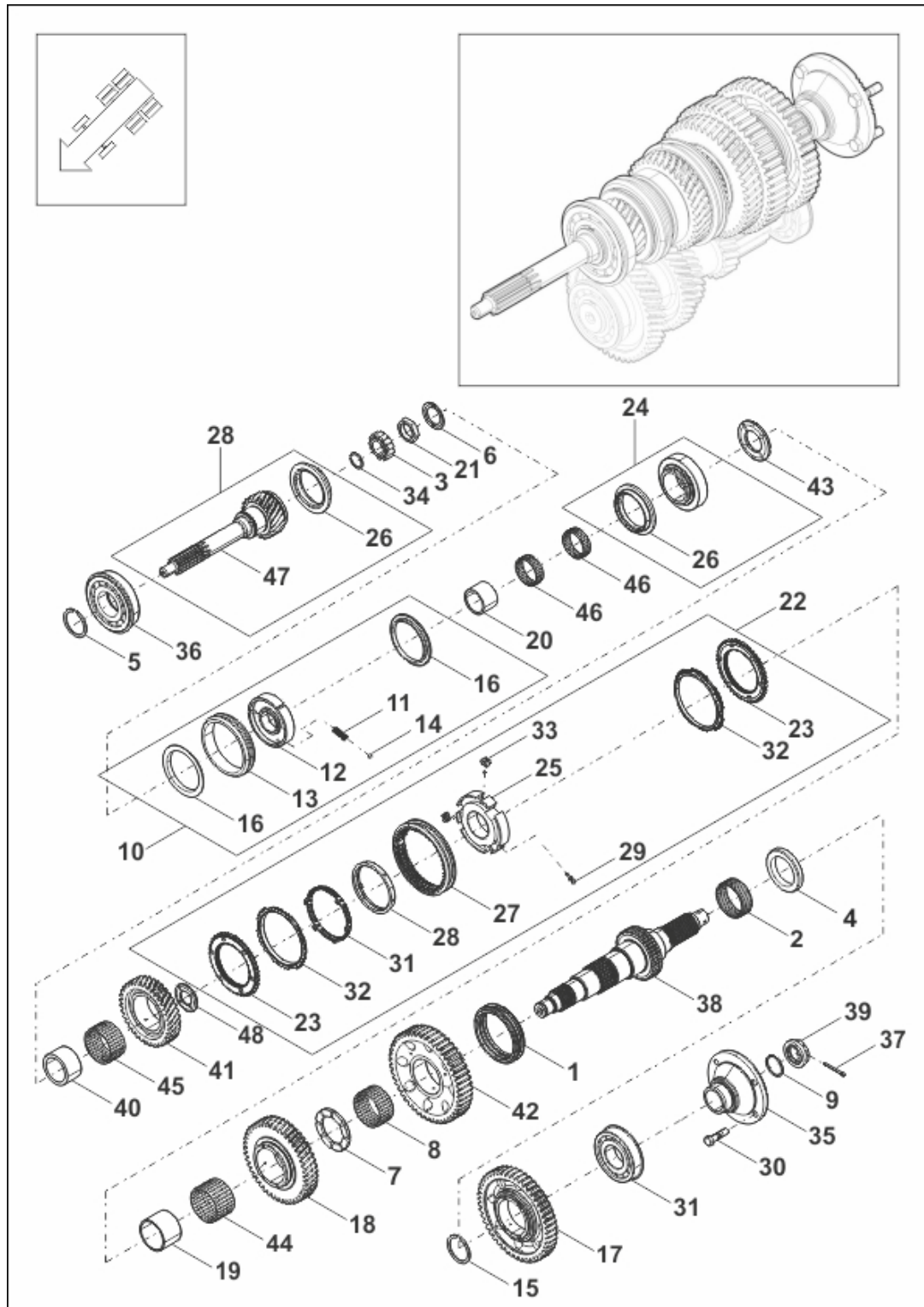
CASE UPPER



CASE UPPER

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590017100	A	SPRING RETAINER (MAV K&S W/B)	2	
2	931590042700	A	ASSY PIN SPRING DIA 6	5	
3	931590019600	A	BOLT FLANGE (10X1.5X25) 7T	4	
4	931590049000	A	BOLT , SLIDING LEVER (MAV)	2	
5	931590049800	A	CROSS SHAFT	1	
6	931590049700	A	SPACER,CROSS SHAFT	1	
7	931590017100	A	SPRING RETAINER (MAV K&S W/B)	2	
8	931590017500	A	BOOT, CROSS SHAFT (MAV 6600)	1	
9	931590048900	A	GASKET (6600 W/B)	1	
10	931590049900	A	COVER CASE UPPER	1	
11	931590017700	A	SPRING SELECT CASE UPPER (MAV)	1	
12	931590035400	A	OIL SEAL CROSS SHAFT (MAV)	1	
13	931590048700	A	SNAP RING (MAV)	2	
14	931590049100	A	ID209060, WIRE BOLT (MAV)	1	
15	931590033100	A	BREATHER (M1-M2)	1	
16	931590052100	A	ASSY CASE UPPER	1	
17	931590048800	A	ID207867, BUSH CROSS SHAFT (MAV K&S)	2	
18	931590009700	A	BOLT M8x1.25x20	8	
19	931590012400	A	GASKET(12)	3	
20	931590052000	A	BOLT,CASE UPPER	3	
21	931590052800	A	BOLT FLANGE (10X35)	1	
22	931590049300	A	LEVER G/S SLIDING ASSY. (MAV K&S W/B)	1	
23	931590050000	A	LEVER, CROSS SHAFT	1	

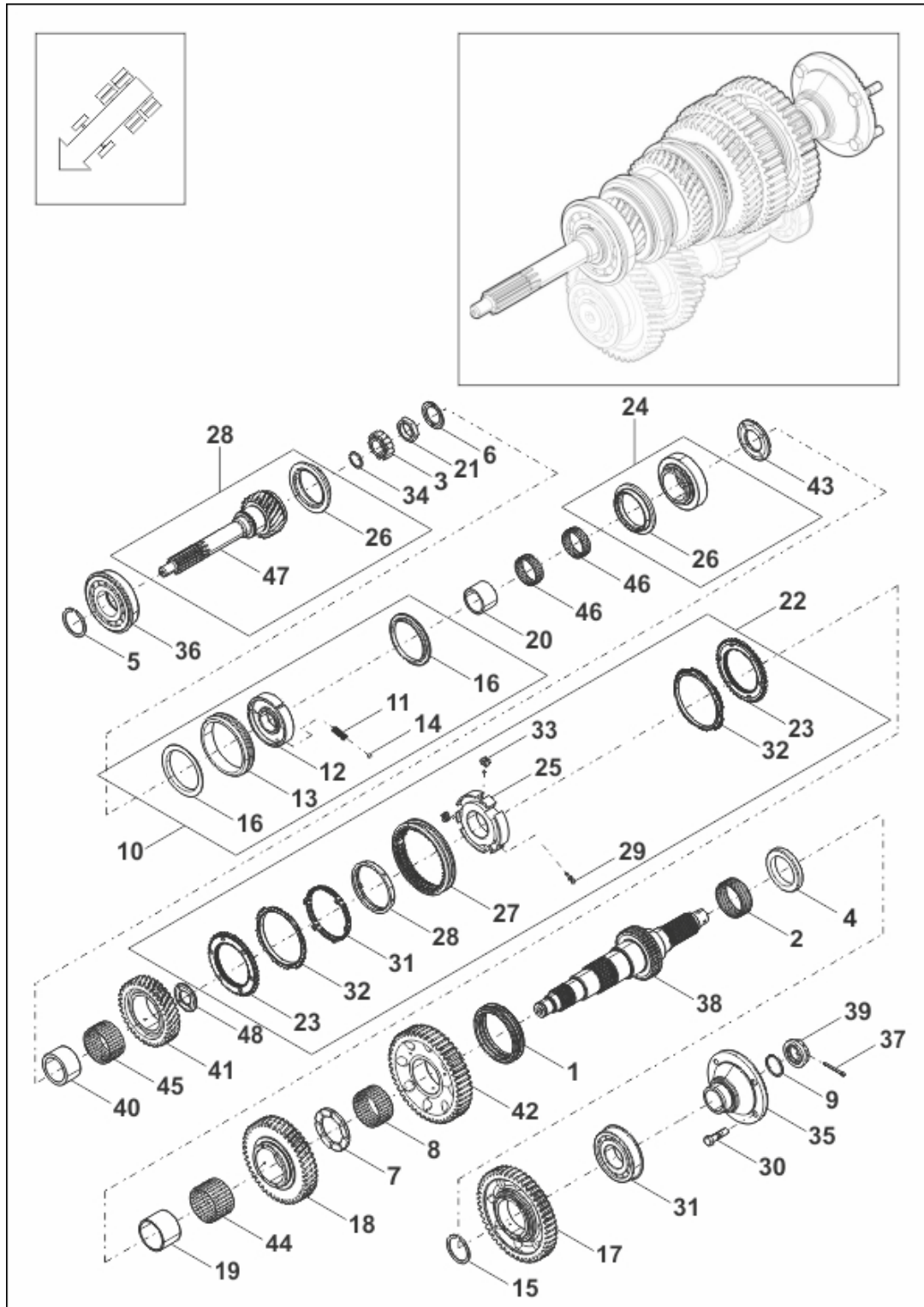
GEAR TRAIN MAIN SHAFT



GEAR TRAIN MAIN SHAFT

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590036400	A	IB003080, SLEEVE SYNCHRONIZER (BIG)	1	
2	931590036500	A	ID200349,BEARING REV GEAR - HCV	1	
3	931590036900	A	ID200359, BEARING PILOT MAIN SHAFT - HCV	1	
4	931590032200	A	SPEEDO GEAR SPACER - HCV	1	
5	931590045700	A	ID200379,SNAP RING, DRIVE PINION (HCV)	1	
6	931590036600	A	ID200377,WASHER 4th&5th SNCRO	1	
7	931590045500	A	ID200363, THRUST WASHER M S 1St-HCV	1	
8	931590046300	A	ID200480,NEEDLE BRG 1ST GR - HCV	1	
9	931590037600	A	O-RING	1	
10	931590047000	A	SYNCRONISER ASSY 4TH/5TH (HCV)	1	
11	931590039000	A	SPRING 2ND-3RD SYNCHRO (HCV)	3	
12	931590047200	A	SYNCHRO HUB	1	
13	931590047300	A	SLIDING SLEEVE	1	
14	931590047100	A	POPPET (30.25)	3	
15	931590040700	A	ID200381,SNAP RING, COUNTER SHAFT (HCV)	1	
16	931590047400	A	SYNCRONISER RING	2	
17	931590047900	A	GEAR MAIN SHAFT REV. (HCV TIPPER)	1	
18	931590048100	A	GEAR MAIN SHAFT 2ND (HCV TIPPER)	1	
19	931590048300	A	BEARING SLEEVE 2ND GEAR (HCV)	1	
20	931590048400	A	BEARING SLEEVE 4TH GEAR (HCV)	1	
21	931590040300	A	ID200385, NUT M 36*1.5	1	
22	931590038500	A	ID304997, SYNCRO ASSY.2nd/3rd	1	
23	931590039100	A	CLUTCH BODY RING (HCV)	2	
24	931590047600	A	GEAR MAIN SHAFT 4TH (30.25)	1	

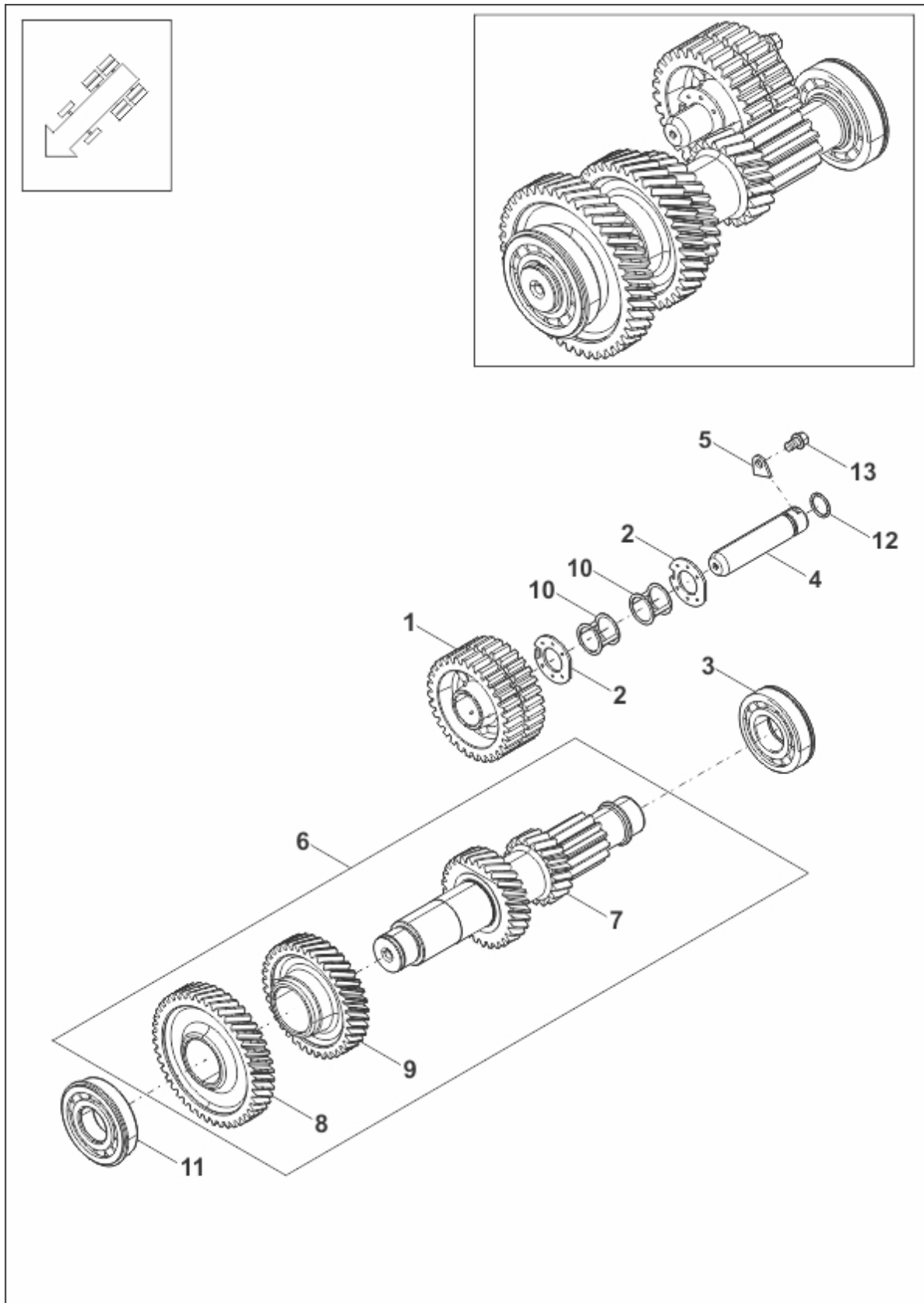
GEAR TRAIN MAIN SHAFT



GEAR TRAIN MAIN SHAFT

S.NO.	Part No.	Rev.	Description	Qty	Remarks
25	931590039200	A	SYNCHRO HUB 2ND-3RD (HCV)	1	
26	#N/A	A	CONE SYNCHRO (30.25)	1	
27	931590038600	A	SLEEVE 2ND-3RD SYNCHRO (HCV)	1	
28	931590051400	A	ASSY DRIVE PINION HCV	1	
29	931590038800	A	BALL SYNCHRO (HCV)	3	
30	931590037100	A	IA205446,BOLT COMPANION FLANGE (HCV)	4	
31	931590036700	A	ID200455, BEARING MAIN SHAFT (HCV)-(NUP3	1	
32	931590038700	A	SYN. RING (Carburised)	2	
33	931590038900	A	POPPET (HCV)	3	
34	931590036800	A	ID200380,SNAP RING, MAIN SHAFT (HCV)	1	
35	931590040000	A	COMPANION FLANGE (TERRA 16)	1	
36	931590046000	A	ID200453,BEARING DRIVE PINION (HCV)	1	
37	931590053000	A	SPLIT PIN (5X45)	1	
38	931590051000	A	MAIN SHAFT HCV	1	
39	931590051600	A	NUT MAIN SHAFT M30X1.5	1	
40	931590051200	A	SLEEVE 3RD GEAR HCV	1	
41	931590048200	A	GEAR MAIN SHAFT 3RD (HCV TIPPER)	1	
42	931590048000	A	GEAR MAIN SHAFT 1ST (HCV TIPPER)	1	
43	931590045600	A	ID200374,THRUST WASHER REV GR-HCV	1	
44	931590046100	A	ID200456,BEARING 2ND SPEED - HCV	1	
45	931590037700	A	ID200457, BEARING 3RD SPEED - HCV	1	
46	931590046200	A	ID200458, BEARING 4TH SPEED - HCV	2	
47	#N/A	A	PINION, DRIVE	1	
48	931590051300	A	ID306869, THRUST WASHER 3RD GEAR	1	

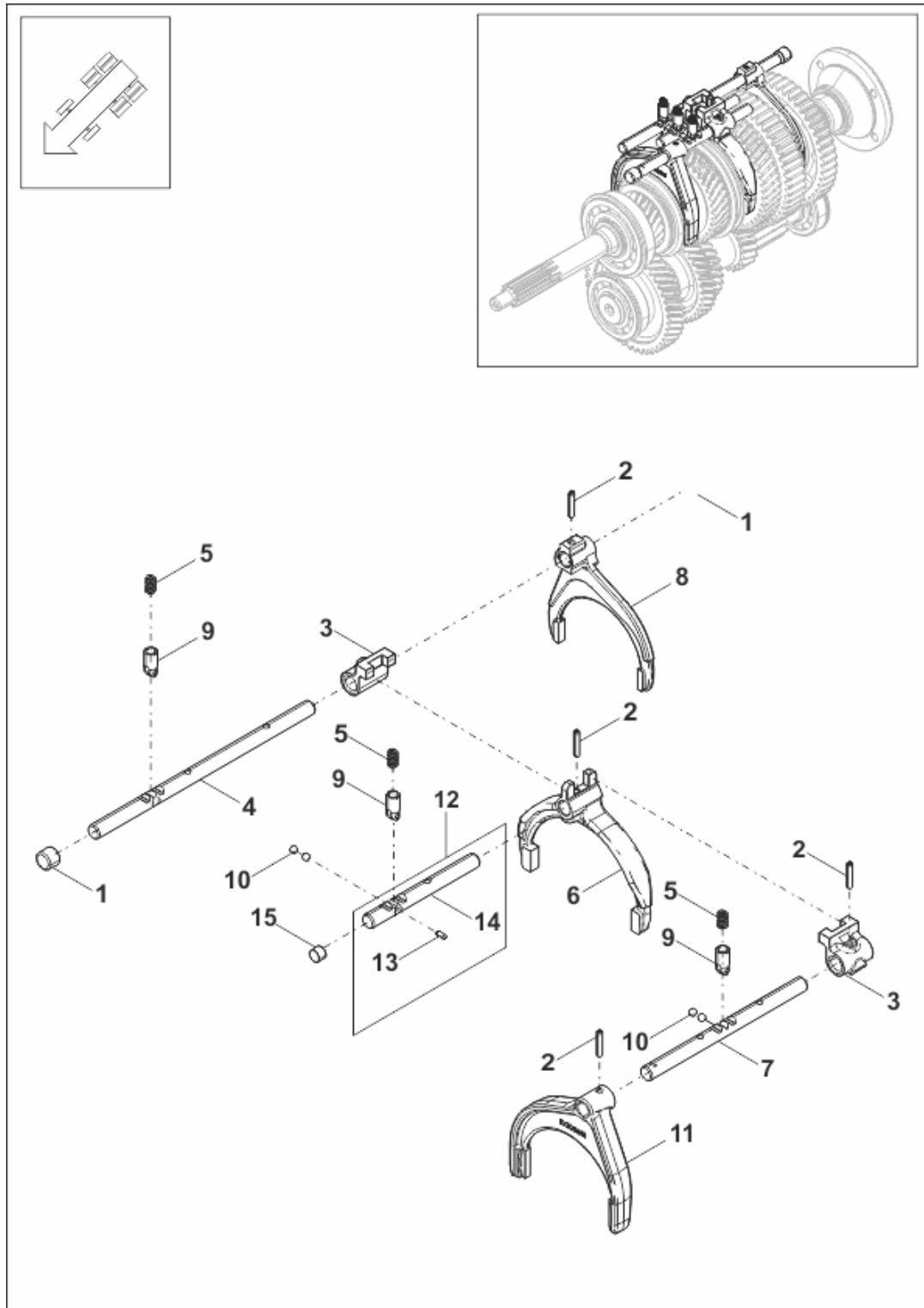
GEAR TRAIN COUNTER SHAFT



GEAR TRAIN COUNTER SHAFT

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590049400	A	ASSY. GEAR REV. IDLER (4X2 TIPPER)	1	
2	931590049600	A	WASHER REVERSE IDLER GEAR HCV	2	
3	931590041000	A	BEARING COUNTER SHAFT RR COVER SIDE (HCV	1	
4	931590051800	A	SHAFT REV IDLER	1	
5	931590041300	A	PIECE REV SHIFT LOCK	1	
6	#N/A	A	ASSY COUNTER SHAFT	1	
7	931590051100	A	COUTER SHAFT CLUSTER	1	
8	931590047700	A	CONSTANT MESH GEAR COUNTER SHAFT	1	
9	931590047500	A	GEAR COUNTER SHAFT 4TH SPEED (30.25)	1	
10	931590049500	A	NEEDLE ROLLER BEARING (4X2 TIP)	2	
11	931590037500	A	ID200466, BEARING COUNTER SHAFT (HCV) NU	1	
12	931590040800	A	ID200383,O RING REV.GEAR SHAFT-HCV	1	
13	931590049400	A	BOLT FLANGE (10X1.5X16) 7T	1	

GEAR SHIFT ASSY

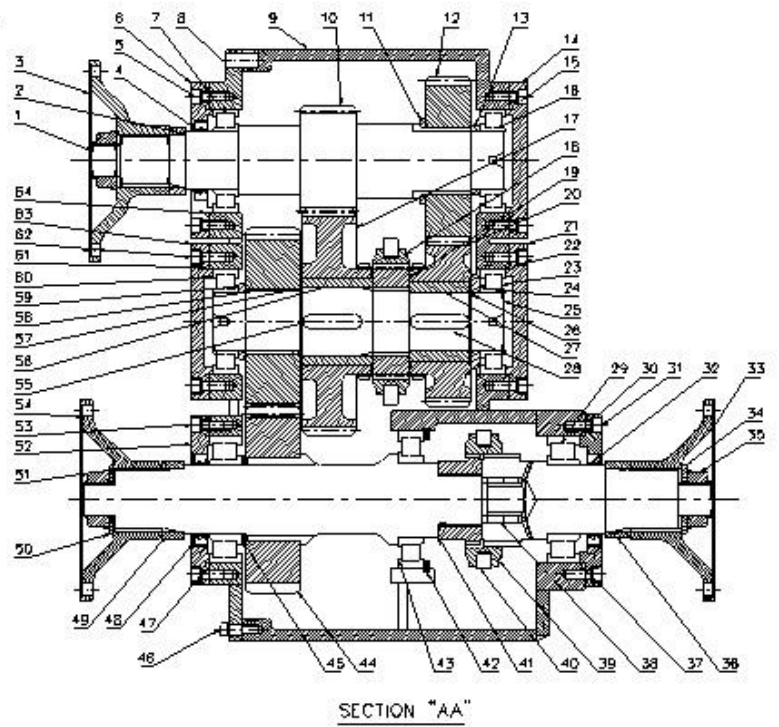
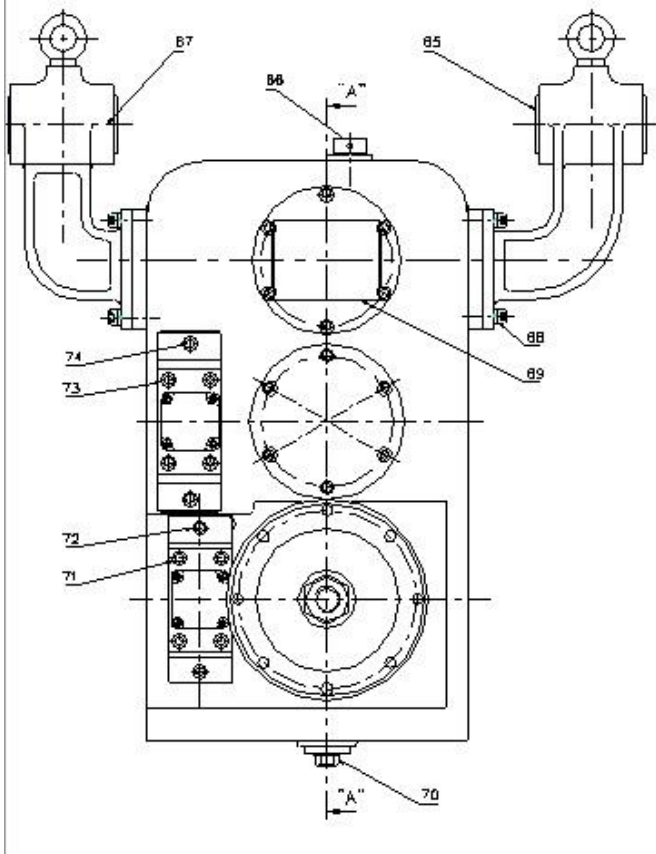


GEAR SHIFT ASSY

S.NO.	Part No.	Rev.	Description	Qty	Remarks
1	931590042800	A	ME620348, PLUG DUST	5	
2	931590042700	A	ASSY PIN SPRING DIA 6	5	
3	931590050300	A	JAW G/S	2	
4	931590050600	A	RAIL 1ST / REV - HCV	1	
5	931590053900	A	ME600136, SPRING PUPPET	3	
6	931590050700	A	FORK 2ND & 3RD GEAR SHIFT HCV	1	
7	931590051500	A	RAIL 4TH-5TH HCV	1	
8	931590041900	A	ID306273, FORK 1ST - REV	1	
9	931590049200	A	DETENT ASSY (MAV K&S)	3	
10	931590052600	A	BALL STEEL	4	
11	931590050900	A	FORK 4/5-GRAZIANO SYNCRO DIA 90	1	
12	931590050500	A	RAIL ASSY 2ND / 3RD HCV	1	
13	931590052700	A	PIN	1	
14	#N/A	A	RAIL 2ND-3RD GEAR SHIFT -HCV	1	
15	931590031300	A	IB003200, BUSHING SHIFT RAIL	2	

AUXILLIARY GEAR BOX (TOP GEAR)

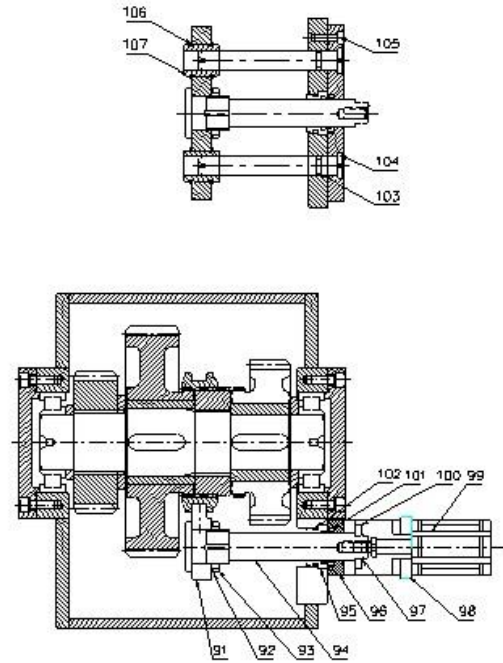
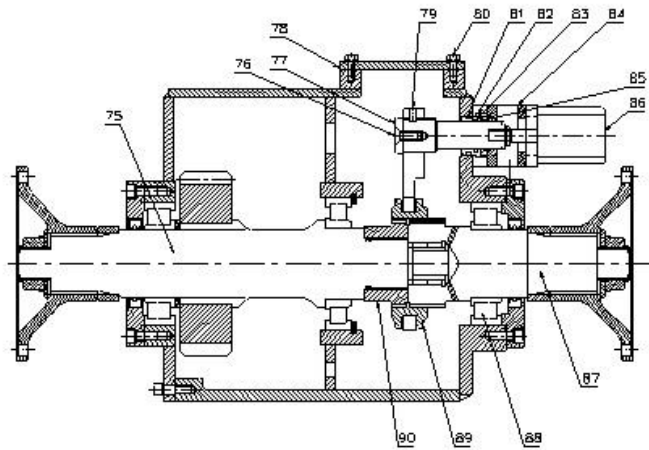
(932400000600)



AUXILLIARY GEAR BOX (TOP GEAR) (932400000600)

S. NO.	PART NO.	REV	DESCRIPTION	QTY	REMARKS
1	932900092600	A	Hex Nut M28 x 1.5P	1	
2	932900092700	A	Spacer For Input Coupling	2	
3	932900092800	A	Input Coupling	1	
4	932900092900	A	Oil Seal 50 x 70 x 10	1	
5	932900093000	A	Allen Bolt M8 x 20	6	
6	932900093100	A	Input Bearing Cover -1	1	
7	932900093200	A	Cylindrical Roller Brg. NJ 2210	1	
8	932900093300	A	Solid dowell	1	
9	932900093400	A	Housing	1	
10	932900093500	A	Input Shaft With Pinion	1	
11	932900093600	A	Gear 1 spacer -1	1	
12	932900093700	A	Gear 1 -40T	1	
13	932900093800	A	Gear 1 spacer -2	1	
14	932900093900	A	Input Bearing Cover -2	1	
15	932900094000	A	Allen Bolt M8 x 20	6	
16	932900094100	A	Cylindrical Roller Brg. NJ 2210	1	
17	932900094200	A	Shifter Gear -2 54T	1	
18	932900094300	A	Shifter Clutch	1	
19	932900094400	A	Shifter Coupling	1	
20	932900094500	A	Shifter Gear -1 (40 T)	1	
21	932900094600	A	Int Bearing Cover -1	1	
22	932900094700	A	Allen Bolt M8 x 20	6	
23	932900094800	A	Cylindrical Roller Brg. NJ 2210	1	
24	932900094900	A	Shifter Gear Spacer	1	
25	932900095000	A	Int Shaft	1	
26	932900095100	A	External Circlip A-50	1	
27	932900095200	A	Bush -2	1	
28	932900095300	A	Key BER 14 x 9 x 50	1	
29	932900095400	A	Cylindrical Roller Brg. NJ 2212	1	
30	932900095500	A	Allen Bolt M8 x 20	6	
31	932900095600	A	Output Bearing Cvoer-2	1	
32	932900095700	A	Oil Seal 60 x 80 x 10	1	
33	932900095800	A	Output Coupling	1	
34	932900095900	A	Coupling Spacer	1	
35	932900096000	A	Hex Nut M28 x 1.5P	1	

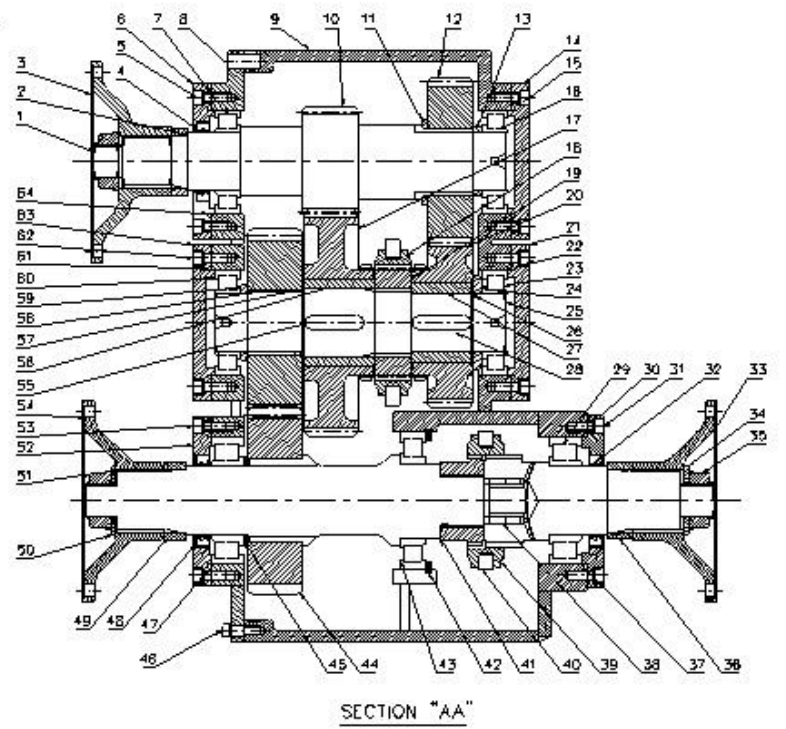
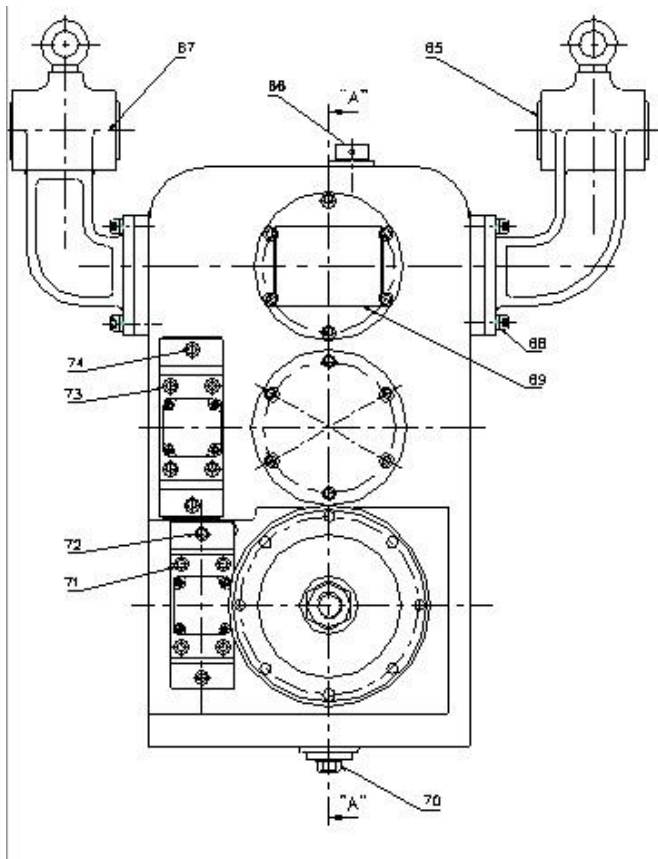
AUXILLIARY GEAR BOX (TOP GEAR)



AUXILLIARY GEAR BOX (TOP GEAR)

S. NO.	PART NO.	REV	DESCRIPTION	QTY	REMARKS
36	932900096100	A	Spacer For output Coupling	1	
37	932900096200	A	O Ring ID 110 x 3 mm	1	
38	932900096300	A	Needle roller bearing 69/22	1	
39	932900096400	A	Shifter Clutch 4x4	1	
40	932900096500	A	Shifter 4x 4	1	
41	932900096600	A	Input Brg Cover- 2	1	
42	932900096700	A	Shifter Coupling 4x 4	1	
43	932900096800	A	Cylindrical Roller Bearing NJ 213	1	
44	932900096900	A	Output Gear -31T	1	
45	932900097000	A	Output Gear spacer	1	
46	932900097100	A	Allen Bolt M 8 x 30	22	
47	932900097200	A	O Ring ID 110 x 3 mm	1	
48	932900097300	A	Oil Seal 60 x 80 x 10	1	
49	932900097400	A	Spacer For output Coupling	1	
50	932900097500	A	Coupling Spacer	1	
51	932900097600	A	Hex Nut M28 x 1.5P	1	
52	932900097700	A	Output Bearing Cover -1	1	
53	932900097800	A	Allen Bolt M8x20	6	
54	932900097900	A	Output Coupling	1	
55	932900098000	A	Key BER 14 x 9 x 50	1	
56	932900098100	A	Bush -1	1	
57	932900098200	A	External Circlip A -50	1	
58	932900098300	A	Gear -31 T	1	
59	932900098400	A	Spacer For 31T gear	1	
60	932900098500	A	Cylindrical Roller Bearing NJ2210	1	
61	932900098600	A	O ring ID 90 x 3 mm	1	
62	932900098700	A	Allen Bolt M8x20	6	
63	932900098800	A	Int Bearing Cover -1	1	
64	932900098900	A	O ring ID 90 x 3 mm	1	
65	932900099000	A	RH Mounting Bracket	1	
66	932900099100	A	Breather Plug 1/2" Bsp	1	
67	932900099200	A	LH Mounting Bracket	1	
68	932900099300	A	Allen Bolt M 10 x 20	8	
69	932900099400	A	Centre Mounting Bracket	1	
70	932900099500	A	Drain Plug 1/2" BSP	1	

AUXILLIARY GEAR BOX (TOP GEAR)



AUXILLIARY GEAR BOX (TOP GEAR)

S. NO.	PART NO.	REV	DESCRIPTION	QTY	REMARKS
71	932900099600	A	Hex Bolt M8 x 20	4	
72	932900099700	A	Allen Bolt M10x20	2	
73	932900099800	A	Hex Bolt M8 x 20	4	
74	932900099900	A	Allen Bolt M10x20	2	
75	932900100000	A	Main Output shaft	1	
76	932900100100	A	Countersunk bolt M8x20	1	
77	932900100200	A	Locking Cap	1	
78	932900100300	A	Pocket Cover	1	
79	932900100400	A	Grub Screw M8x16	1	
80	932900100500	A	Hex Bolt M8x16	10	
81	932900100600	A	O Ring Id 25x35x6	1	
82	932900100700	A	Shifter Rod Bush Hi-Low	1	
83	932900100800	A	O Ring ID 30 x 3	1	
84	932900100900	A	Cylinder Mounting Bracket Hi-Low	1	
85	932900101000	A	Rod Seal 24x3	1	
86	932900101100	A	Pneumatic Cylinder Hi-Low	1	
87	932900101200	A	Auxilliary Shaft	1	
88	932900101300	A	Cylindrical Roller Bearing NJ 2212	1	
89	932900101400	A	Shifter Clutch	1	
90	932900101500	A	Shifter Coupling 4x4	1	
91	932900101600	A	Shifter 4x4	1	
92	932900101700	A	Lock Washer MB-6	1	
93	932900101800	A	Lock Nut KM -6	1	
94	932900101900	A	Shifter Rod 4x4	1	
95	932900102000	A	Shifter Rod Bush 4x4	1	
96	932900102100	A	Shifter Rod Plate Hi-Low	1	
97	932900102200	A	External Circlip A-20		
98	932900102300	A	Cylinder Mounting Bracket Hi-Low	1	
99	932900102400	A	Pneumatic Cylinder 4x4	1	
100	932900102500	A	Shifter Rod Hi-Low Cap	1	
101	932900102600	A	Rod Seal 25x35x6	1	
102	932900102700	A	O Ring ID 30x3 mm	1	
103	932900102800	A	O ring ID 12 x3	1	
104	932900102900	A	Shifter Guide Rod	2	
105	932900103000	A	Allen Bolt M8x20	6	
106	932900103100	A	External Circlip A-28	4	
107	932900103200	A	Shifter Bush	2	

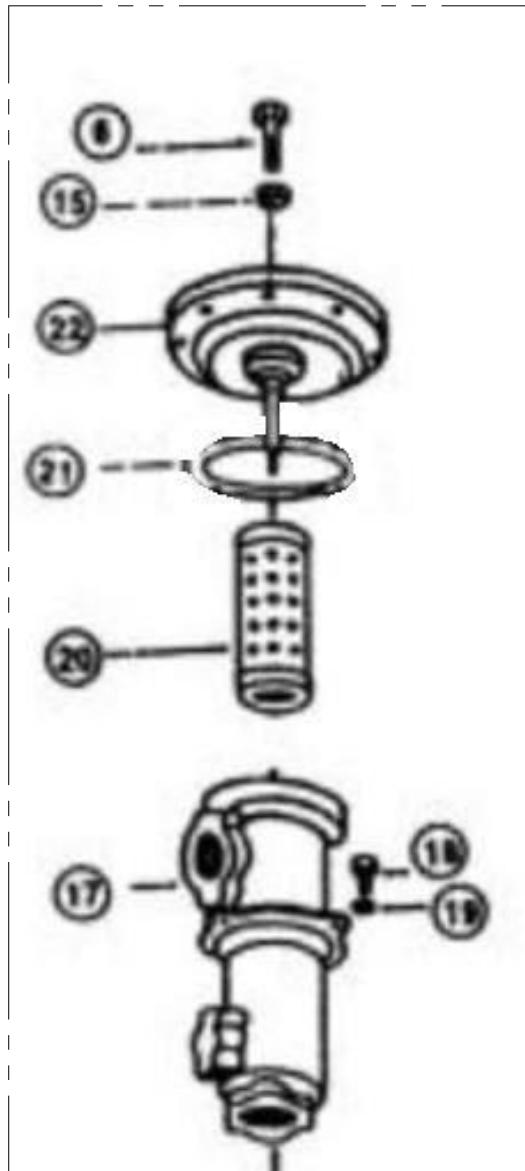
AIR INFLATION KIT ASSEMBLY



AIR INFLATION KIT ASSEMBLY

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	927000021400	A	TWIN TYRE	1	OMNI
2	927000021500	A	NOZZLE	1	
3	927000021600	A	NUT	1	M16X1.5
4	960900000100	A	AIR NOZZLE	1	TYRE SIZE 14X25
5	101285427800	A	PU PIPE	1	

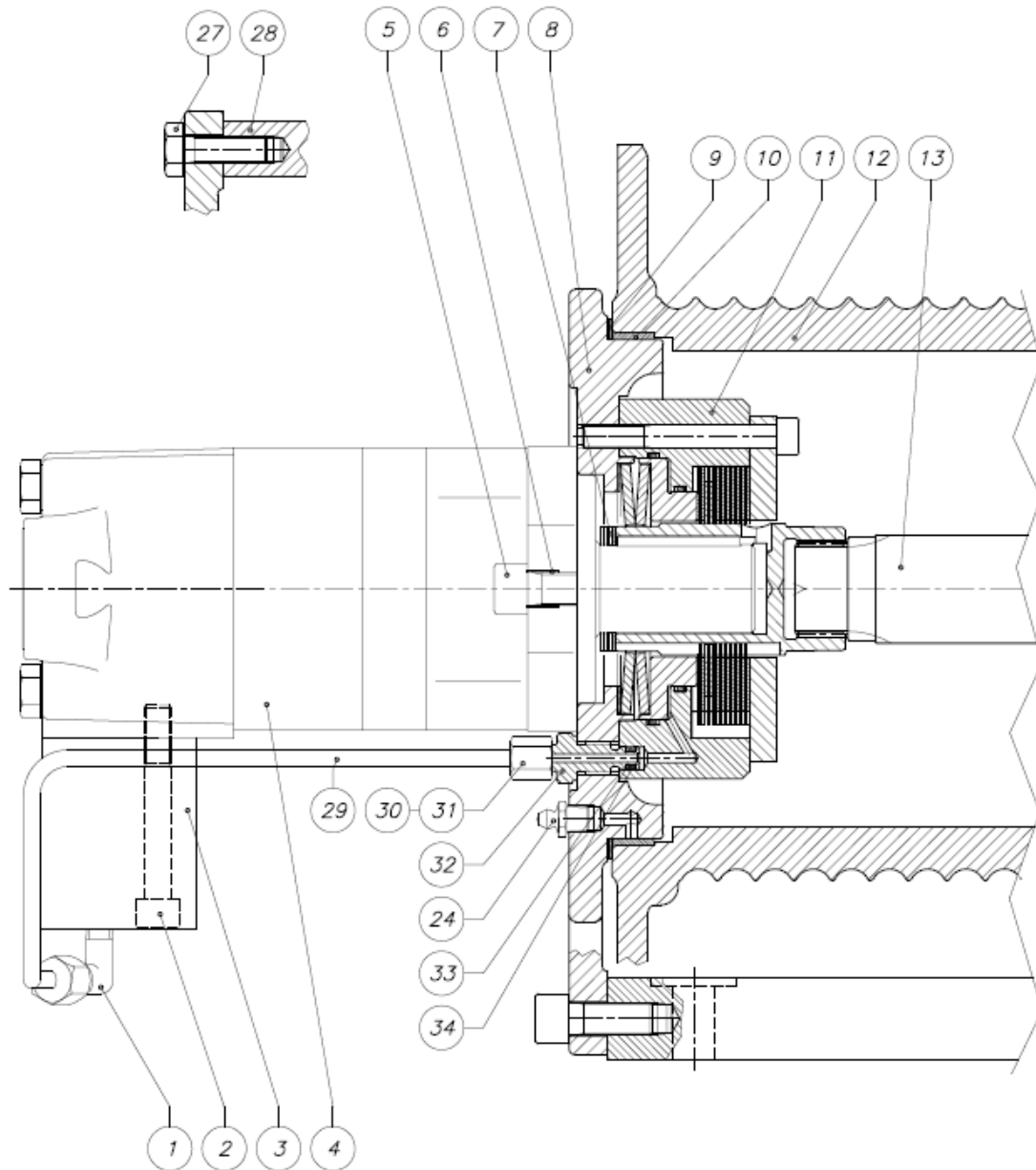
FILTER ASSEMBLY



FILTER ASSEMBLY (101046400200)

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
14	AB0RA1400000	A	WASHER	6	
15	AB0RA1500000	A	WASHER	6	
17	AB0RA1700000	A	FILTER BODY	1	
18	AB0RA1800000	A	BOLT	4	
19	AB0RA1900000	A	WASHER	4	
20	ABHOF0400A00	A	FILTER ELEMENT	1	
21	935250100000	A	O RING (OD 100X2.5THK)	1	
22	ABHOF2200000	A	COVER	1	

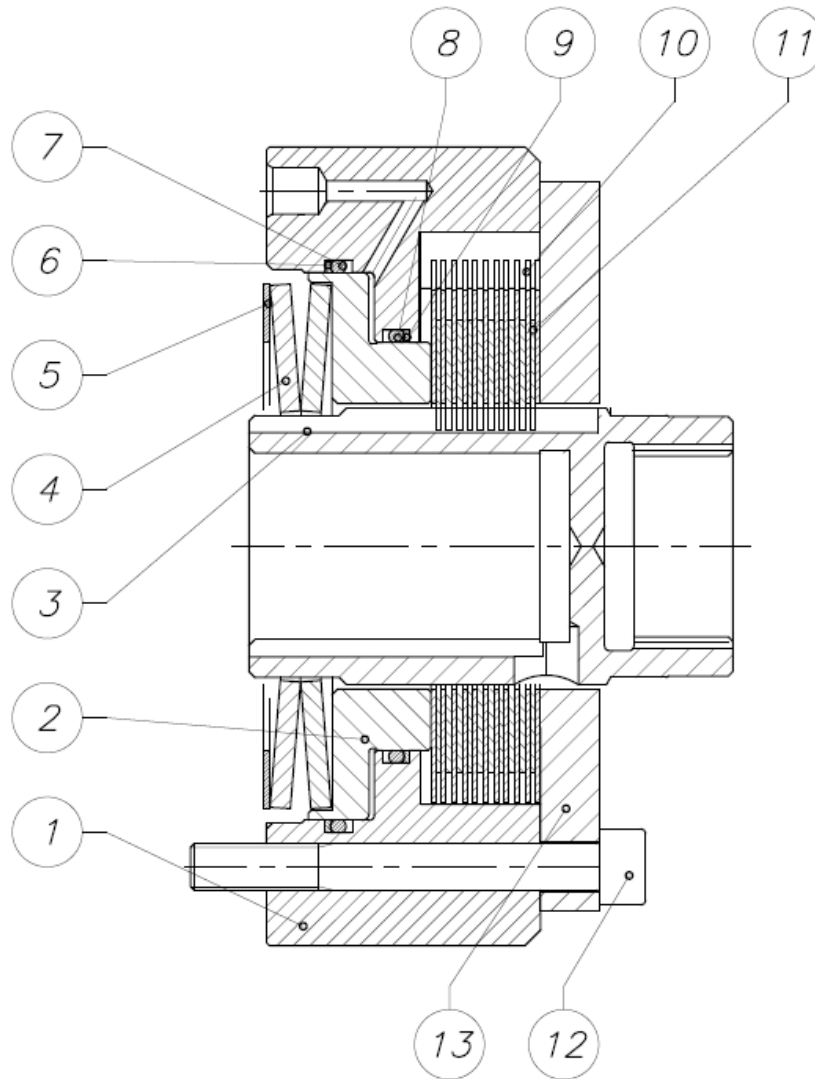
WINCH (WIN 20)



WINCH (WIN 20)

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	929900040000	A	90° CONNECTION (CONICAL)	1	
2	929900040100	A	HEX SOCKED HEAD CAP SCREW	2	
3	929900040200	A	VALVE	1	
4	929900040300	A	HYDRAULIC MOTOR	1	
5	929900040400	A	HEX SOCKED HEAD CAP SCREW	10	
6	929900040500	A	MOTOR REDUCTION BUSHING P6-P9-P15	2	
7	929900040600	A	SHIM	5	
8	929900040700	A	MOTOR SIDE SUPPORT	1	
9	929900040800	A	SHIM	2	
10	929900040900	A	GUIDE	2	
11	9299000410	A	BRAKE UNIT	1	
12	9299000411	A	WINCH DRUM	1	
13	9299000412	A	SUN GEAR	1	
27	9299000413	A	HEXAGON SCREW	4	
28	9299000414	A	CROSS MEMBER	2	
30	9299000415	A	HEXAGONAL NUT	1	
31	9299000416	A	OGIVE	1	
32	9299000417	A	PIPE FITTING	1	
33	9299000418	A	ANTIEXTRUSION RING	1	
34	9299000419	A	O-RING JOINT	1	

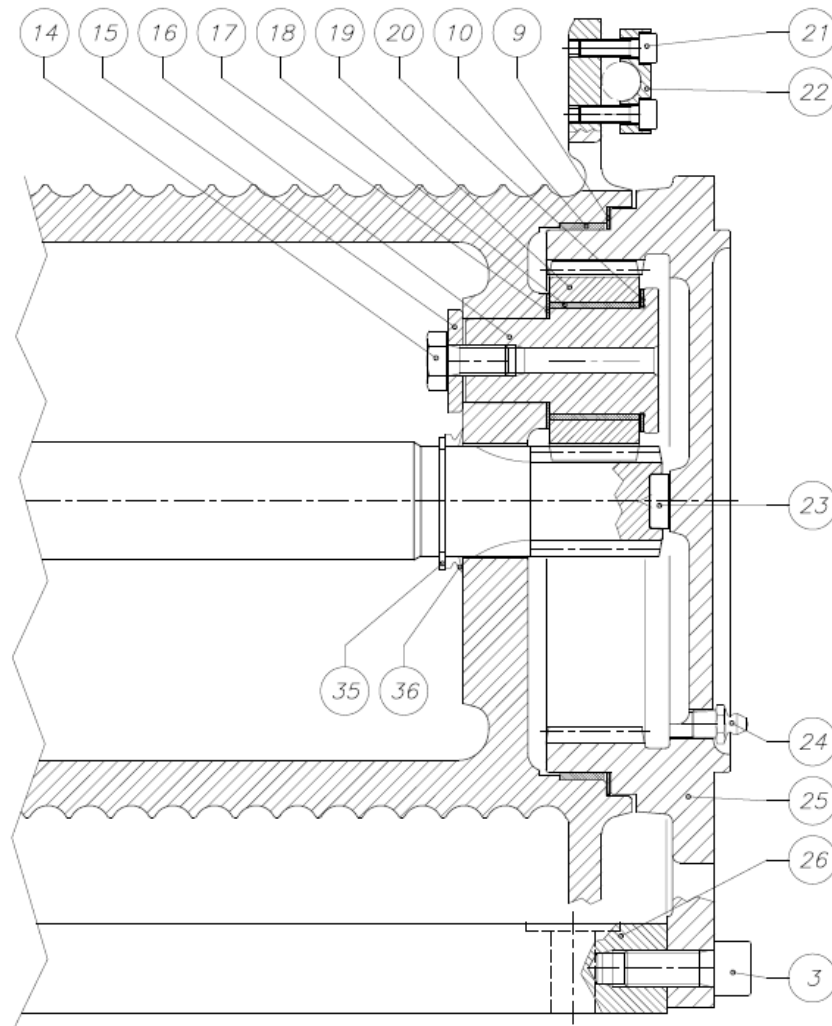
WINCH (WIN 20) BRAKE UNIT



WINCH (WIN 20) BRAKE UNIT

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	929900042000	A	BRAKE BODY	1	
2	929900042100	A	BRAKE PISTON P15 (NEW)	1	
3	929900042200	A	Ø32 MOTOR JOINT WINCH WIN 25/2	1	
4	929900042300	A	BELLEVILLE WASHER	2	
5	929900042400	A	THICKNESS SHIM ADJUSTMENT	1	
6	929900042500	A	ANTIEXTRUSION RING	1	
7	929900042600	A	O-RING JOINT	1	
8	929900042700	A	O-RING JOINT	1	
9	929900042800	A	ANTIEXTRUSION PARBAK	1	
10	929900042900	A	BRONZE DISK P6-P9-P15	11	
11	929900043000	A	STEEL DISK P6-P9-P15	10	
12	929900043100	A	HEX SOCKED HEAD CAP SCREW	9	
13	929900043200	A	BRAKE CLOSING FLANGE X WINCH WIN 25	1	

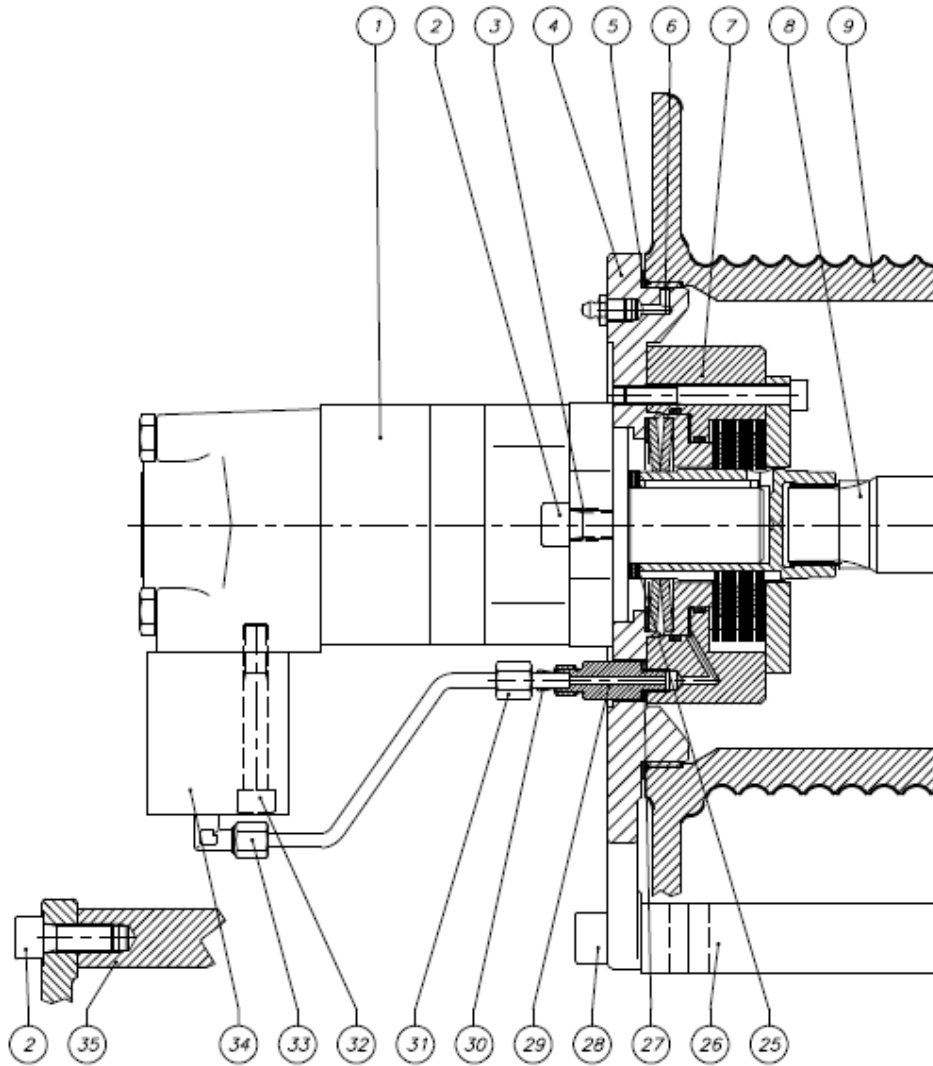
WINCH (WIN 20)



WINCH (WIN 20)

S. NO.	PART NO.	REV	DESCRIPTION	QYT	COMMENTS
3	929900043300	A	VALVE	1	
9	929900043400	A	SHIM	2	
10	929900043500	A	GUIDE	2	
14	929900043600	A	SCREW	3	
15	929900043700	A	LOCKING RING	3	
16	929900043800	A	PIN	3	
17	929900043900	A	SHIM	3	
18	929900044000	A	SELF-LUBRICATING BUSHING	3	
19	929900044100	A	GEAR	3	
20	929900044200	A	SHIM ADJUSTMENT AS 3552 TH1	3	
21	929900044300	A	HEX SOCKED HEAD CAP SCREW	6	
22	929900044400	A	CLAMP	3	
23	929900044500	A	PAD ERTACETAL	1	
24	929900044600	A	STRAIGHT HEAD LUBRICATOR	2	
25	929900044700	A	GEAR SIDE SUPPORT	1	
26	929900044800	A	FASTENING SURFACE PLATE	2	
35	929900044900	A	SEEGER	1	
36	929900045000	A	V-RING	1	

WINCH (WIN 25-2L)

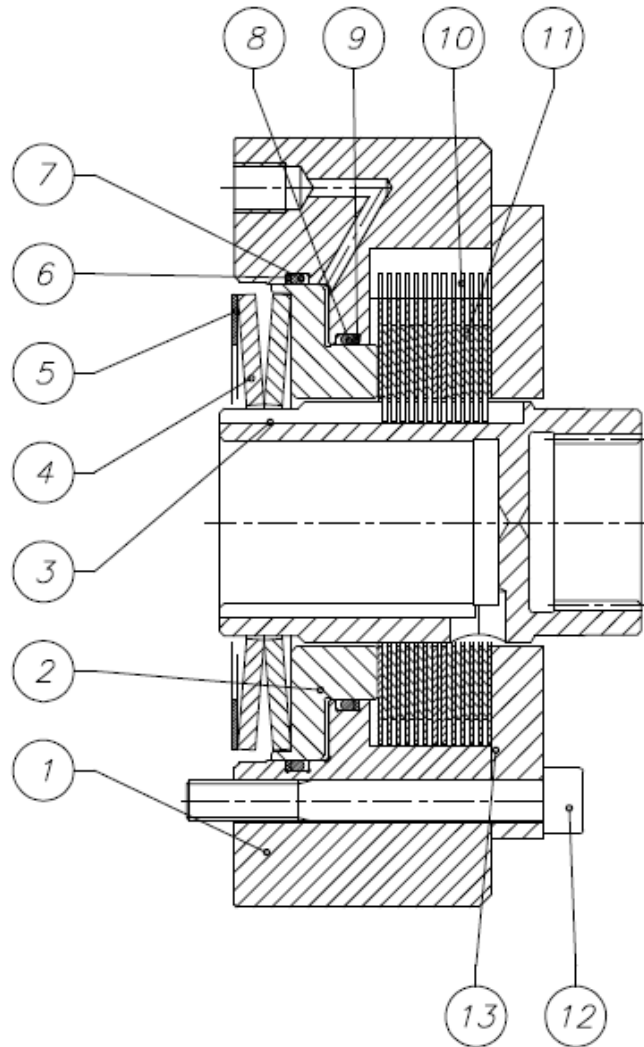


ADJUSTING THE SPACE BETWEEN MOTOR AND MOTOR COUPLING
WITH SPACERS (ITEM 25) TO RESULT 19.5 ± 0.5 mm
AS SHOWN IN THE DRAWING

WINCH (WIN 25-2L)

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	929900045100	A	MOTOR	1	
2	929900040400	A	HEX SOCKET HEAD CAP SCREW	6	
3	929900040500	A	MOTOR REDUCTION BUSHING P6-P9-P15	1	
4	929900045200	A	MOTOR SIDE SUPPORT WIN25-2 (NEW BRAKE)	1	
5	929900045300	A	THICKNESS SHIM ADJUSTMENT	1	
6	929900045400	A	GUIDE FIXING 81D25150 2000 92A	1	
7	929900045500	A	BRAKE GROUP WIN 15/20/25-2 - 13 DISKS	1	
8	929900045600	A	SUN SHAFT GEAR R=1:6,46 WINCH WIN25-2 L	1	
9	929900045700	A	DRUM WINCH WIN 25-2 L (CASTING)	1	
25	929900040600	A	THICKNESS SHIM ADJUSTMENT	4	
26	929900045800	A	FIXING PLATE WINCH WIN25-2 L	2	
27	929900045900	A	RUBBER WASHER	1	
28	929900046000	A	HEX SOCKET HEAD CAP SCREW	8	
29	929900046100	A	WIN25-2 BRAKE CONNECTOR	1	
30	929900041600	A	OGIVE X DRAWN TUBE	1	
31	929900041500	A	NUT FOR FITTING	1	
32	929900046200	A	SCREW TCEI	2	
33	929900046300	A	STRAIGHT CONNECTOR	1	
34	929900043300	A	VALVE	1	
35	929900046400	A	ROUND UPPER CROSS MEMBER WINCH WIN25-2 L	2	

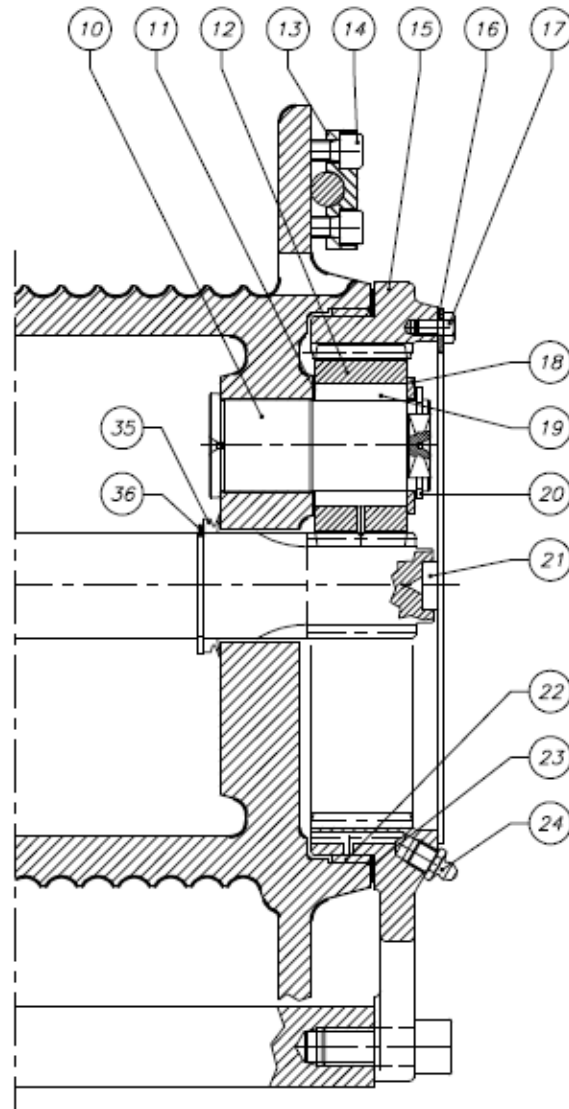
WINCH (WIN 25-2L) BRAKE UNIT



WINCH (WIN 25-2L) BRAKE UNIT

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	929900046500	A	BRAKE BODY WINCH WIN 25	1	
2	929900042100	A	BRAKE PISTON P15 (NEW)	1	
3	929900042200	A	Ø32 MOTOR JOINT WINCH WIN 25/2	1	
4	929900042300	A	BELLEVILLE WASHER	2	
5	929900042400	A	THICKNESS SHIM ADJUSTMENT	1	
6	929900042500	A	ANTIEXTRUSION RING	1	
7	929900042600	A	O-RING JOINT	1	
8	929900042700	A	O-RING JOINT	1	
9	929900042800	A	ANTIEXTRUSION PARBAK	1	
10	929900042900	A	BRONZE DISK P6-P9-P15	13	
11	929900043000	A	STEEL DISK P6-P9-P15	12	
12	929900043100	A	HEX SOCKET HEAD CAP SCREW	9	
13	929900043200	A	BRAKE CLOSING FLANGE X WINCH WIN 25	1	

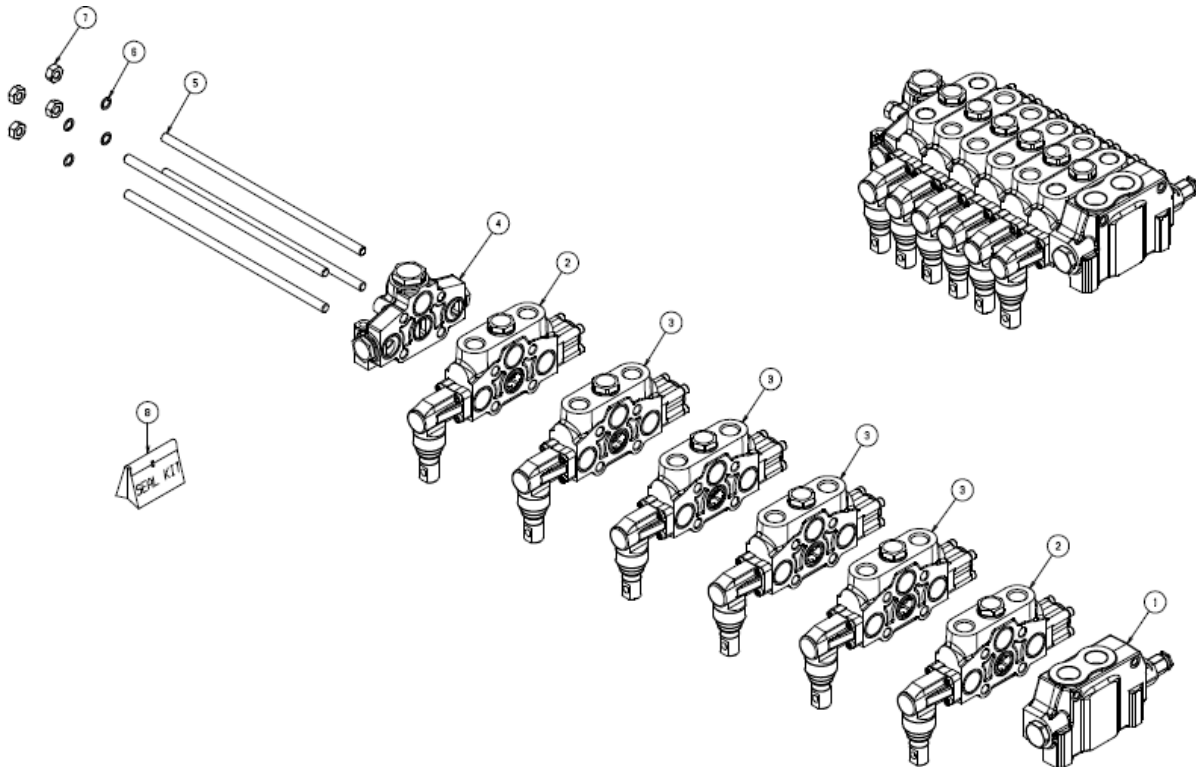
WINCH (WIN 25-2L)



WINCH (WIN 25-2L)

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
10	929900046600	A	PLANETARY CARRIER PIN	3	
11	929900044200	A	SHIM ADJUSTMENT AS 3552 TH1	3	
12	929900046700	A	PLANETARY GEAR R1:6.46 WIN 25/2-JC	3	
13	929900046800	A	ROPE PRESS FIXING Ø14 ARG.WIN 25	3	
14	929900046900	A	HEX SOCKET HEAD CAP SCREW	6	
15	929900047000	A	GEAR SIDE SUPPORT WIN 25-2(CASTING)	1	
16	929900047100	A	GEAR COVER WIN25-2	1	
17	929900047200	A	HEX HEAD CAP SCREW	6	
18	929900047300	A	PLANETARY GEAR PAD WIN25 JC JL	3	
19	929900047400	A	NEEDLE	63	
20	929900047500	A	SHAFT SEEGER	3	
21	929900044500	A	PAD ERTACETAL	1	
22	929900047600	A	GUIDE FIXING 81D25150 2050 92A	1	
23	929900047700	A	THICKNESS SHIM ADJUSTMENT	1	
24	929900044600	A	STRAIGHT HEAD LUBRICATOR	2	
35	929900047800	A	V-RING	1	
36	929900047900	A	SHAFT SEEGER	1	

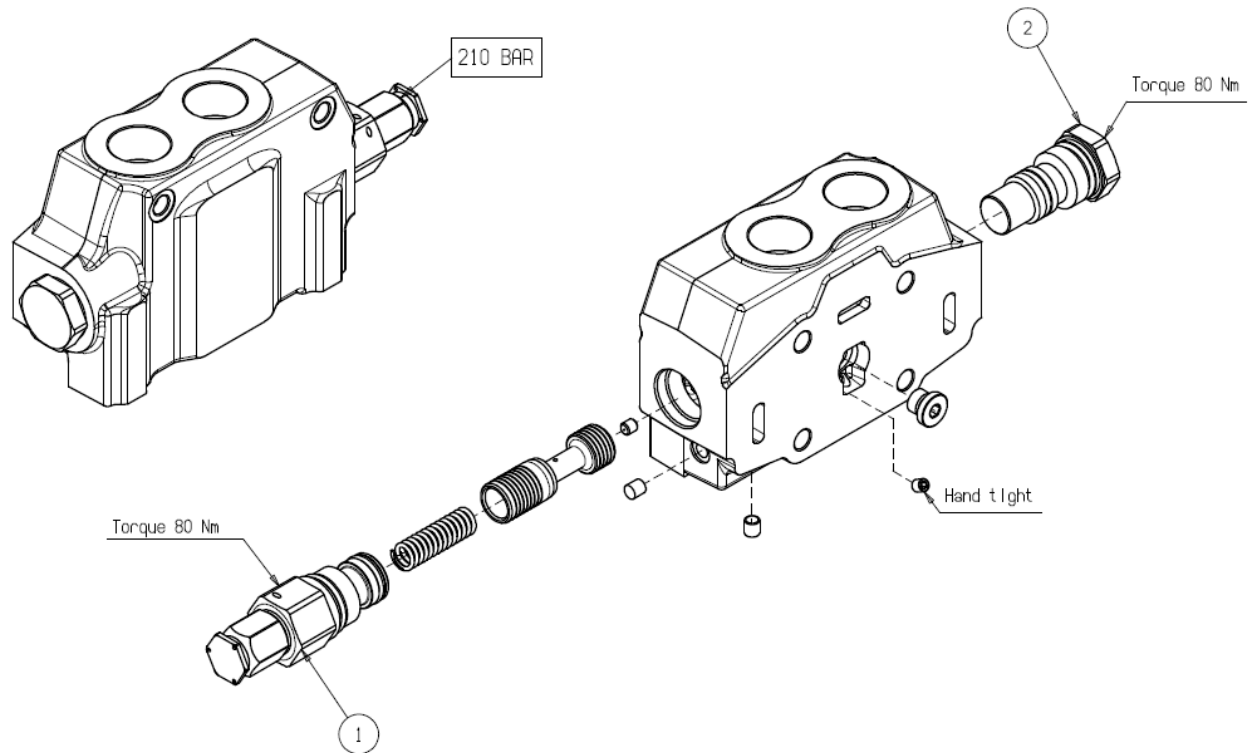
CONTROL VALVE (6 SPOOL)



CONTROL VALVE (6 SPOOL)

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	923200010400	A	HC-D4 COLL.E.Q. INLET (210 BAR)	1	
2	923200010500	A	HC-D4 RP SECTION	2	
3	923200010600	A	HC-D4 RP SECTION	4	
4	923200010700	A	HC-D4 OUTLET SECTION	1	
5	923200010800	A	TIRAN. L:305	4	
6	923200010900	A	RONDELLA RINFORZATA D. 10 SPECIALE A SEZ. RETTANGOLARE (SPIGOLI VIVI)	4	
7	923200011000	A	DADO R80 UNI 5588 M10	4	
8	923200011100	A	KIT GUARNIZION-HC-D4/6 Q. INLET	1	

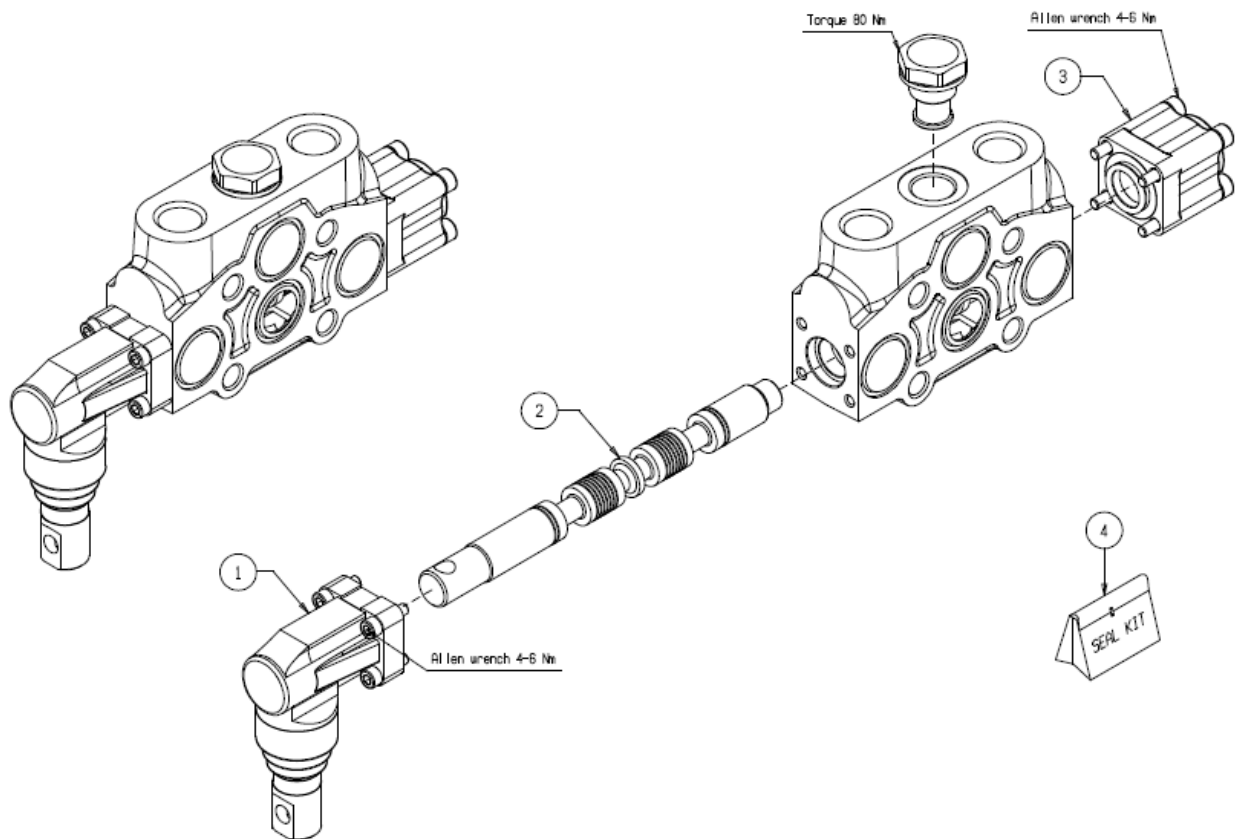
CONTROL VALVE (6 SPOOL)



CONTROL VALVE (6 SPOOL)

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	923200011200	A	MV99 V. MAX.D. -201/420BAR	1	
2	923200011300	A	ASS. TAPPO CHIUSU. QINLET D4	1	

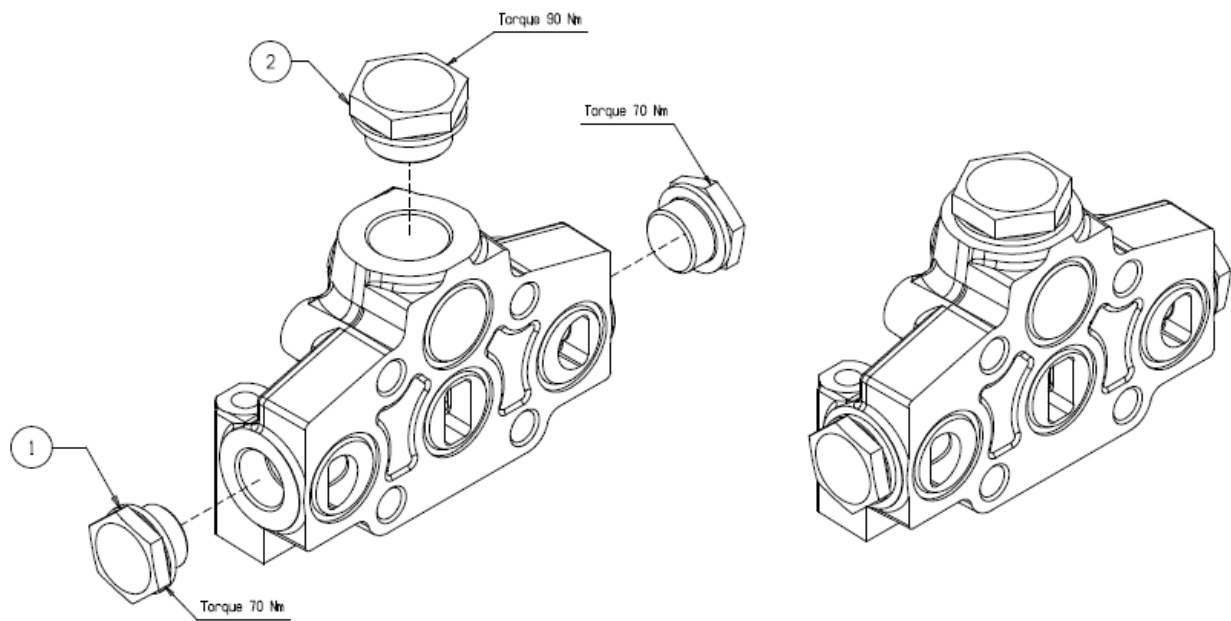
CONTROL VALVE (6 SPOOL)



CONTROL VALVE (6 SPOOL)

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	923200010000	A	D4 (H001-H002) LEV.P.	1	
2	923200011400	A	STL.DW AB IN TCL	1	
3	923200010200	A	D4 : F001A R.S.	1	
4	923200010300	A	KIT GUARNIZIONI-HC-D4 RP SECTION	1	

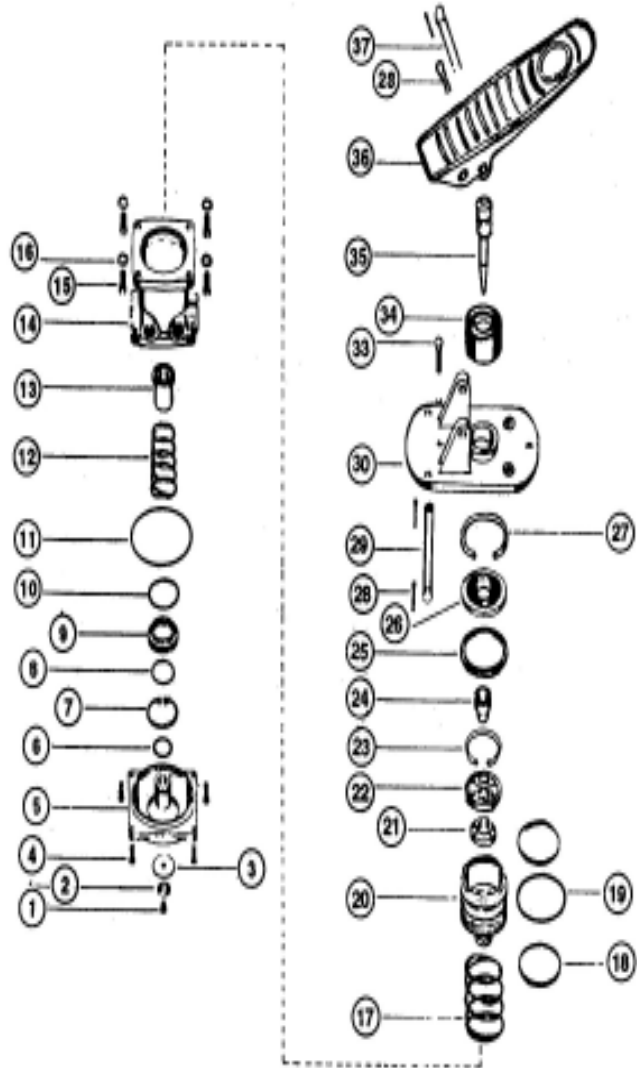
CONTROL VALVE (6 SPOOL)



CONTROL VALVE (6 SPOOL)

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	923200011500	A	KIT TAPPO 1/2" GAS	2	
2	923200011600	A	KIT TAPPO 3/4" GAS	1	

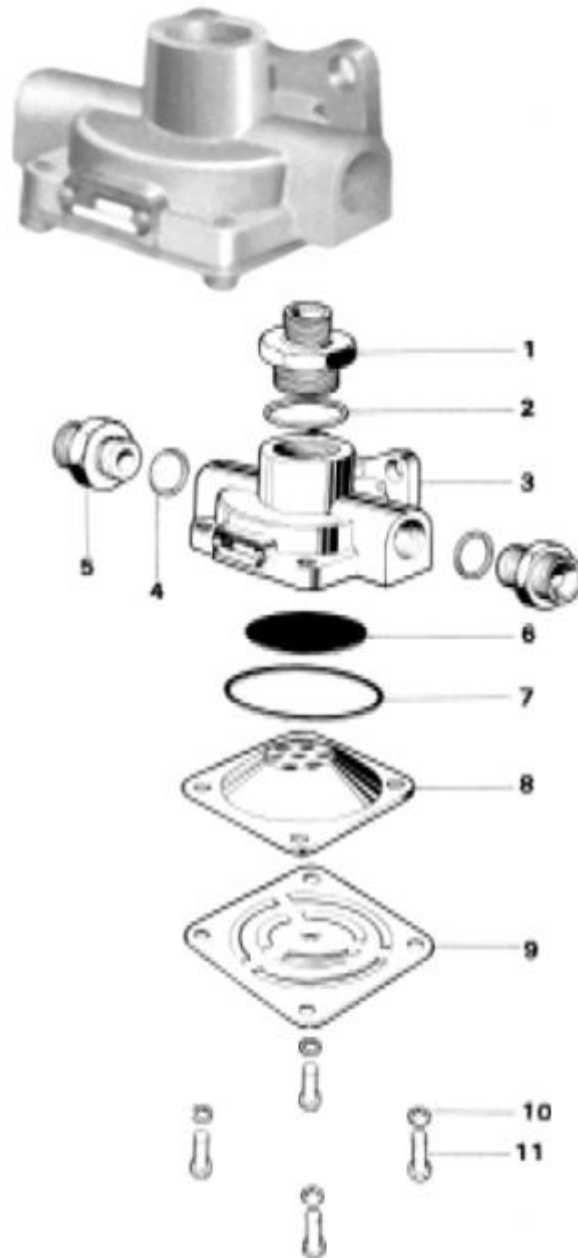
BRAKE VALVE



BRAKE VALVE

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	927000007100	A	SELF TAPING SCREW	1	
2	927000007200	A	EXHAUST COVER	1	
3	927000007300	A	DIAPHRAGM	1	
4	927000007400	A	SCREW	4	
5	927000007500	A	BASE COVER	1	
6	927000007600	A	'O' RING	1	
7	927000007700	A	INTERNAL CIRCLIP	1	
8	927000007800	A	'O' RING	1	
9	927000007900	A	RING SPACER	1	
10	927000008000	A	'O' RING	1	
11	927000008100	A	'O' RING	1	
12	927000008200	A	CONICAL SPRING	1	
13	927000008300	A	VALVE	1	
14	927000008400	A	VALVE BODY	1	
15	927000008500	A	SCREW	4	
16	927000008600	A	SPRING WASHER	4	
17	927000008700	A	SPRING	1	
18	927000008800	A	GUIDE RING	2	
19	927000008900	A	'O' RING	1	
20	927000009000	A	PISTON	1	
21	927000009100	A	RUBBERSPRING	1	
22	927000009200	A	SPRING SEAL	1	
23	927000009300	A	INTERNAL CIRCLIP	1	
24	927000009400	A	STEM	1	
25	927000009500	A	SPLIT PIN	1	
26	927000009600	A	BOOT	1	
27	927000009700	A	INTERNAL CIRCLIP	1	
28	927000009800	A	SPLIT PIN	4	
29	927000009900	A	PIN	1	
30	927000010000	A	PEDAL BRACKET	1	
33	927000010100	A	BOLT	4	
34	927000010200	A	RUBBER BOOT	1	
35	927000010300	A	PUSHROD	1	
36	927000010400	A	PEDAL	1	
37	927000010500	A	PIN	1	

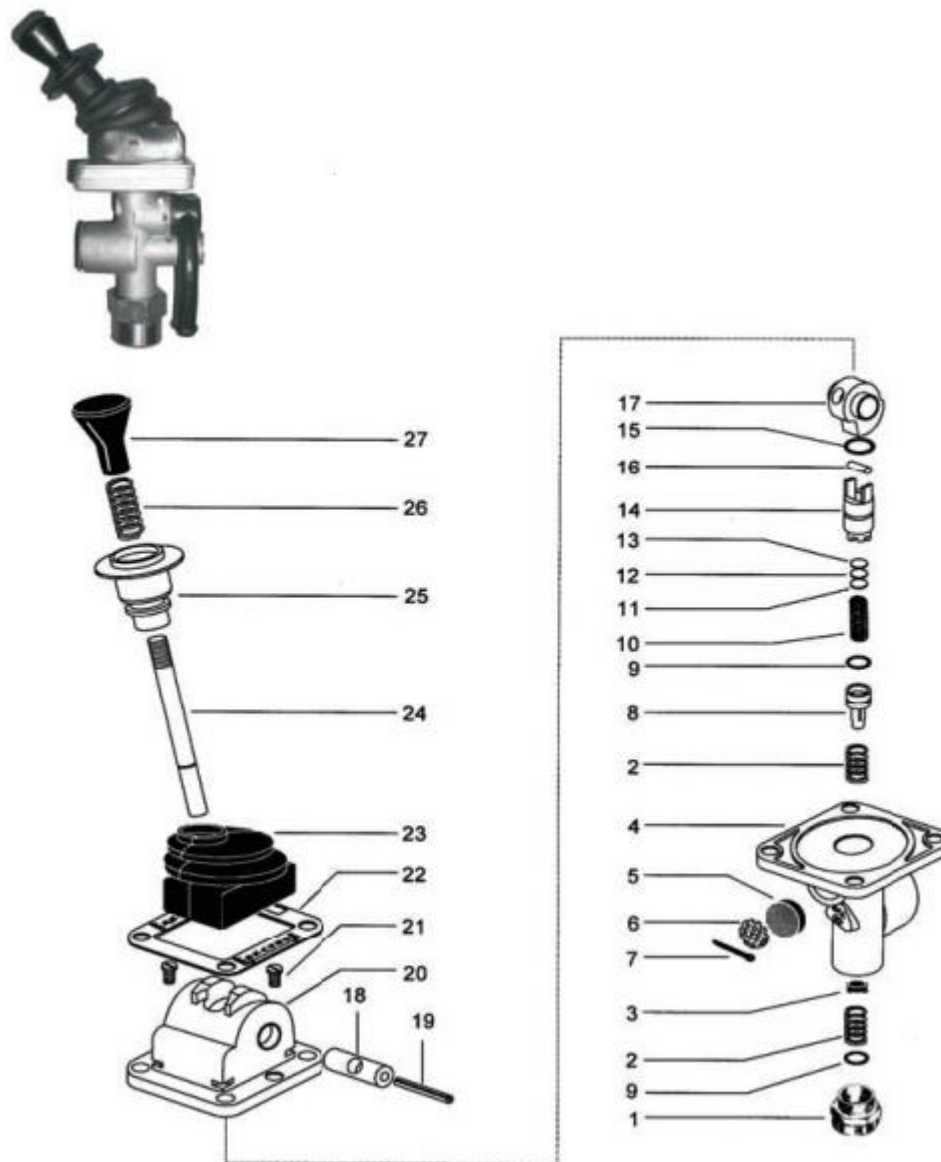
QUICK RELEASE VALVE



QUICK RELEASE VALVE

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	927000028400	A	UNION BODY	1	
2	927000028500	A	SEALING WASHER	1	
3	927000028600	A	BODY	1	
4	927000028700	A	SEALING WASHER	2	
5	927000028800	A	UNION BODY	2	
6	927000028900	A	DIAPHRAGM	1	
7	927000032200	A	SEALING RING	1	
8	927000029100	A	VALVE SEAT	1	
9	927000029200	A	EXHAUST COVER	1	
10	927000029300	A	SPRING WASHER	4	
11	927000029400	A	HEX SCREW M6X1	4	

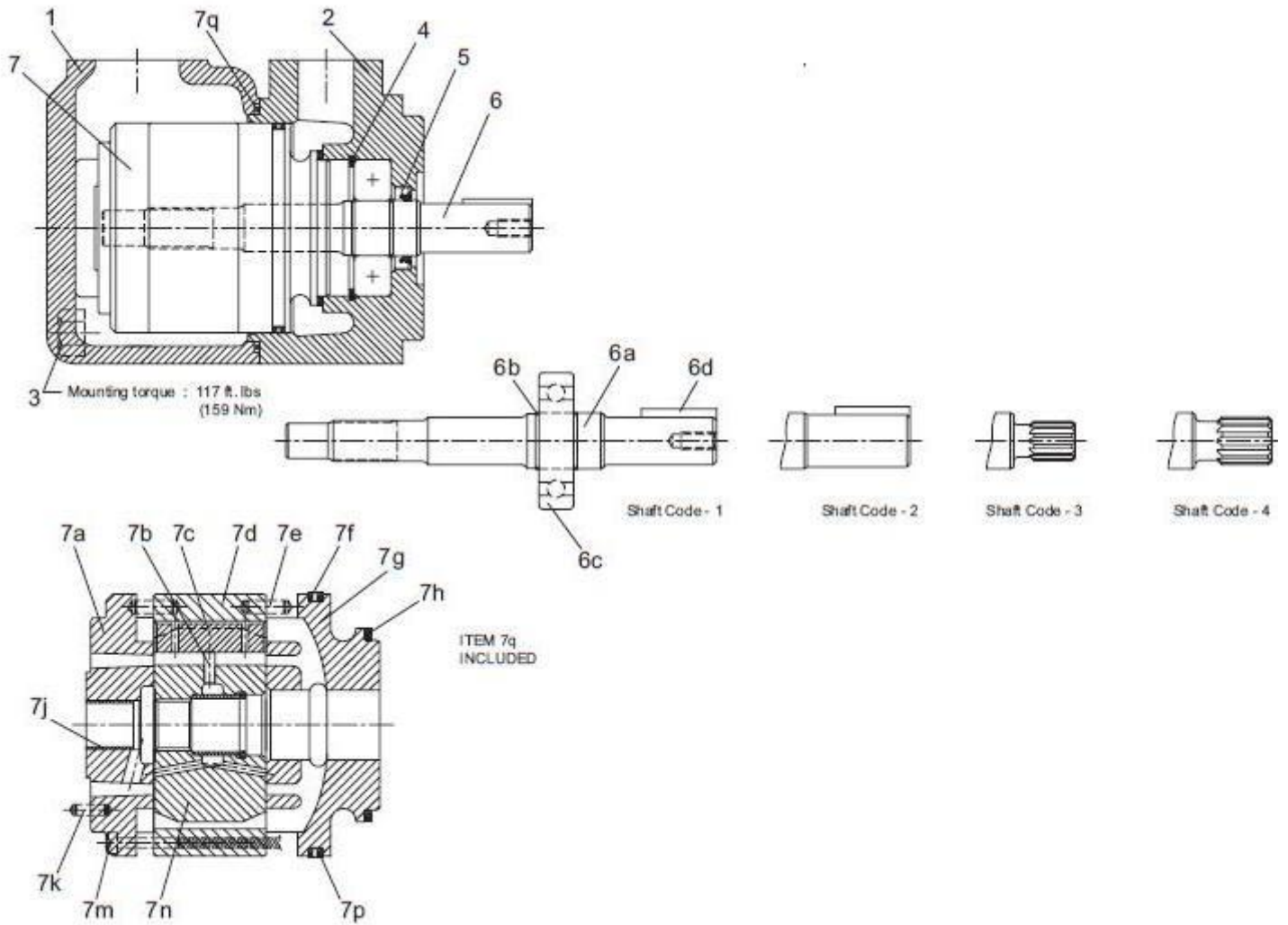
GRADUATED HAND CONTROL VALVE



GRADUATED HAND CONTROL VALVE

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	927000029500	A	INLET ADAPTER	1	
2	927000029600	A	VALVE SPRING	2	
3	927000029700	A	VALVE	1	
4	927000029800	A	VALVE BODY	1	
5	927000029900	A	SEALING RING	1	
6	927000030000	A	EXHAUST BANJO	1	
7	927000030100	A	SPLIT PIN	1	
8	927000030200	A	PLUNGER	1	
9	927000030300	A	SEALING RING	2	
10	927000030400	A	SPRING	1	
11	927000030500	A	SHIM	AS REQD	
12	927000030600	A	SHIM	AS REQD	
13	927000030700	A	SHIM	AS REQD	
14	927000030800	A	CAM FOLLOWER	1	
15	927000030900	A	SEALING RING	1	
16	927000031000	A	ROLLER	1	
17	927000031100	A	CAM	1	
18	927000031200	A	PIVOT	1	
19	927000031300	A	TENSION PIN	1	
20	927000031400	A	TOP COVER	1	
21	927000031500	A	LEVER	1	
22	927000031600	A	DIAL	1	
23	927000031700	A	GAITER	1	
24	927000031800	A	SLOTTED C' SUNK HEAD SCREW	2	
25	927000031900	A	SLEEVE	1	
26	927000032000	A	SPRING	1	
27	927000032100	A	KNOB	1	

PUMP –VELJAN 14G



PUMP –VELJAN 14G

S. NO.	PART NO.	REV.	DESCRIPTION	QYT	COMMENTS
1	921950009500	A	HOUSING (UNC)	1	
2	921950009600	A	MOUNTING FLANGE (UNC)	1	
3	921950009700	A	MOUNTING SCREW	4	
4	921950009800	A	RETAINING RING	1	
5	921950009900	A	SHAFT SEAL (S1-0.7 bar)	1	
6	921950010000	A	SHAFT AND BEARING ASSY	1	
6a	921950010100	A	SHAFT (KEYED) CODE-1	1	
6b	921950010200	A	ROUND SECTION RING	2	
6c	921950010300	A	BALL BEARING	1	
6d	921950010400	A	KEY (CODE-1	1	
7	921950010500	A	CARTRIDGE ASSEMBLY *03 CW	1	
7a	921950010600	A	PORT PLATE -REAR CW	1	
7b	921950010700	A	PIN VANE HOLDOUT	10	
7c	921950010800	A	VANE	10	
7d	921950010900	A	CAM RING -003	1	
7e	921950011000	A	DOWEL PIN	2	
7f	921950011100	A	BACK UP RING	1	
7g	921950011200	A	PORT PLATE - PRESSURE CW	1	
7h	921950011300	A	SQ. SECTION SEAL	1	
7j	921950011400	A	BUSH	1	
7k	921950011500	A	DOWEL PIN	1	
7m	921950011600	A	SCREW	2	
7n	921950011700	A	ROTOR-INSERT ASSY.	1	
7p	921950011800	A	SQ. SECTION SEAL	1	
7q	921950011900	A	O RING	1	

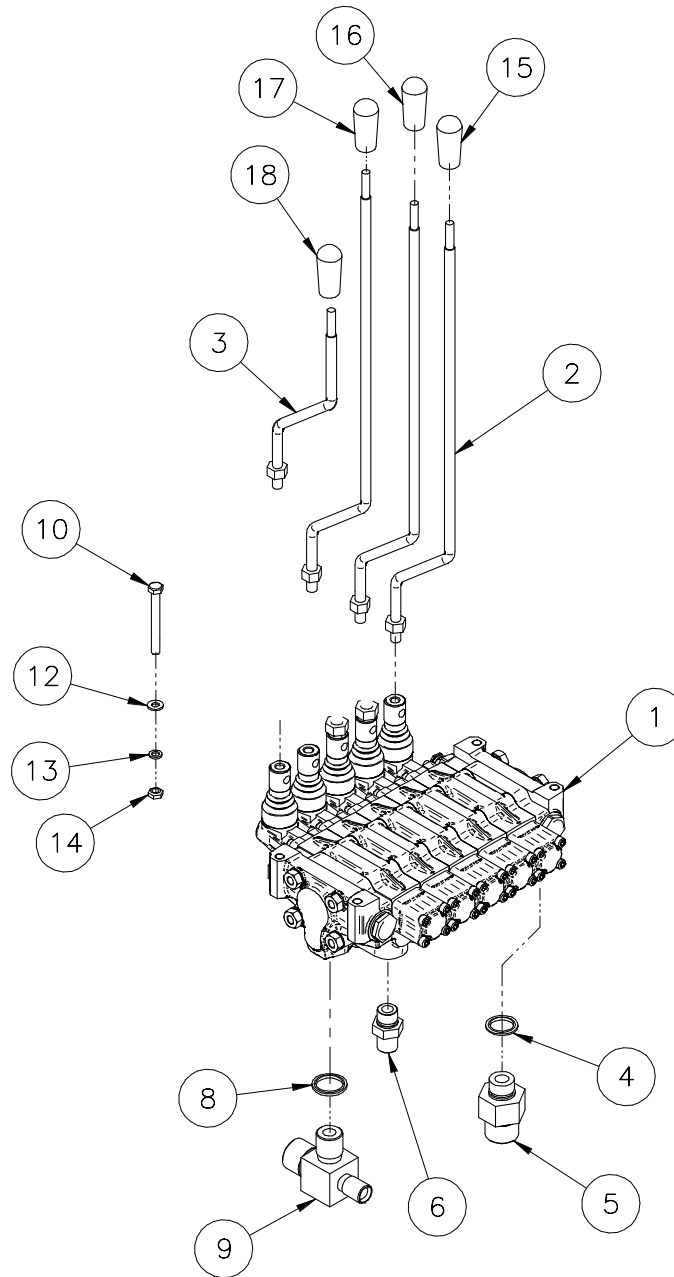
HOSE KIT (OPTIONAL ITEM)

HOSE KIT FOR 160 DUMP VALVE (SLI) (PART NO-101441120100/C)										
REV	S.NO.	LOCATION	END 1	END 2	HOSE 'A'	HOSE 'B'	MATERIAL	LENGTH	QTY	ACE PART NO.
A	1	STEERING UNIT (EF) PORT TO DUMP VALVE (P) PORT	1" BSP	1" BSP	ST	90	SAE-100R12	1300	1	911207251300
A	2	DUMP VALVE (P) PORT TO CONTROL VALVE (P) PORT	1" BSP	1" BSP	ST	90	SAE-100R12	1000	1	911207251000
A	3	CONTROL VALVE (T) PORT TO DUMP VALVE (T) PORT	1" BSP	1" BSP	ST	90	SAE-100R1AT	650	1	911201250650
HOSE KIT FOR 160 WITHOUT DUMP VALVE (SLI) (PART NO-101441120600/A)										
REV	S.NO.	LOCATION	END 1	END 2	HOSE 'A'	HOSE 'B'	MATERIAL	LENGTH	QTY	ACE PART NO.
A	1	STEERING UNIT (EF) PORT TO DUMP VALVE (P) PORT	1" BSP	1" BSP	ST	90	SAE-100R12	1800	1	911207251800
HOSE KIT FOR 160 WITH DRAG WINCH (PART NO-101441120200/C)										
REV	S.NO.	LOCATION	END 1	END 2	HOSE 'A'	HOSE 'B'	MATERIAL	LENGTH	QTY	ACE PART NO.
A	1	CONTROL VALVE D/W PORT TO ADAPTER	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2700	1	911207251800
A	2	CONTROL VALVE D/W PORT TO ADAPTER	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2700	1	911202122700
A	3	TEE JOINT TO DRAG WINCH OVER FLOW PIPE	1/4" BSP	1/4" BSP	ST	90	SAE-100R1AT	1750	1	911201061750
A	4	DRAG WINCH TO TEE JOINT	1/4" BSP	1/4" BSP	ST	90	SAE-100R2AT	400	1	911202060400
A	5	DRAG WINCH MOTOR TO VALVE	1/4" BSP	1/4" BSP	ST	90	SAE-100R2AT	400	1	911202060400
A	6	ADAPTER TO DRAG WINCH	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	650	1	911202120650
A	7	ADAPTER TO DRAG WINCH	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	650	1	911202120650
HOSE KIT FOR 160 -58' EXT. CYL.(PART NO-101541126600/A)										
REV	S.NO.	LOCATION	END1	END2	HOSE 'A'	HOSE 'B'	MATERIAL	LENGT H	QT Y	ACE PART NO.
A	1	PIPE SET TO EXT CYL	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	900	2	911202120900

HOSE KIT (OPTIONAL ITEM)

HOSE KIT FOR 160 DUMP VALVE (SLI) (PART NO-101441120100/C)										
REV	S.NO.	LOCATION	END 1	END 2	HOSE 'A'	HOSE 'B'	MATERIAL	LENGTH	QTY	ACE PART NO.
A	1	STEERING UNIT (EF) PORT TO DUMP VALVE (P) PORT	1" BSP	1" BSP	ST	90	SAE-100R12	1300	1	911207251300
A	2	DUMP VALVE (P) PORT TO CONTROL VALVE (P) PORT	1" BSP	1" BSP	ST	90	SAE-100R12	1000	1	911207251000
A	3	CONTROL VALVE (T) PORT TO DUMP VALVE (T) PORT	1" BSP	1" BSP	ST	90	SAE-100R1AT	650	1	911201250650
HOSE KIT FOR 160 WITHOUT DUMP VALVE (SLI) (PART NO-101441120600/A)										
REV	S.NO.	LOCATION	END 1	END 2	HOSE 'A'	HOSE 'B'	MATERIAL	LENGTH	QTY	ACE PART NO.
A	1	STEERING UNIT (EF) PORT TO DUMP VALVE (P) PORT	1" BSP	1" BSP	ST	90	SAE-100R12	1800	1	911207251800
HOSE KIT FOR 160 WITH DRAG WINCH (PART NO-101441120200/C)										
REV	S.NO.	LOCATION	END 1	END 2	HOSE 'A'	HOSE 'B'	MATERIAL	LENGTH	QTY	ACE PART NO.
A	1	CONTROL VALVE D/W PORT TO ADAPTER	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2700	1	911207251800
A	2	CONTROL VALVE D/W PORT TO ADAPTER	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	2700	1	911202122700
A	3	TEE JOINT TO DRAG WINCH OVER FLOW PIPE	1/4" BSP	1/4" BSP	ST	90	SAE-100R1AT	1750	1	911201061750
A	4	DRAG WINCH TO TEE JOINT	1/4" BSP	1/4" BSP	ST	90	SAE-100R2AT	400	1	911202060400
A	5	DRAG WINCH MOTOR TO VALVE	1/4" BSP	1/4" BSP	ST	90	SAE-100R2AT	400	1	911202060400
A	6	ADAPTER TO DRAG WINCH	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	650	1	911202120650
A	7	ADAPTER TO DRAG WINCH	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	650	1	911202120650
HOSE KIT FOR 160 -58' EXT. CYL.(PART NO-101541126600/A)										
REV	S.NO.	LOCATION	END1	END2	HOSE 'A'	HOSE 'B'	MATERIAL	LENGT H	QT Y	ACE PART NO.
A	1	PIPE SET TO EXT CYL	1/2" BSP	1/2" BSP	ST	90	SAE-100R2AT	900	2	911202120900

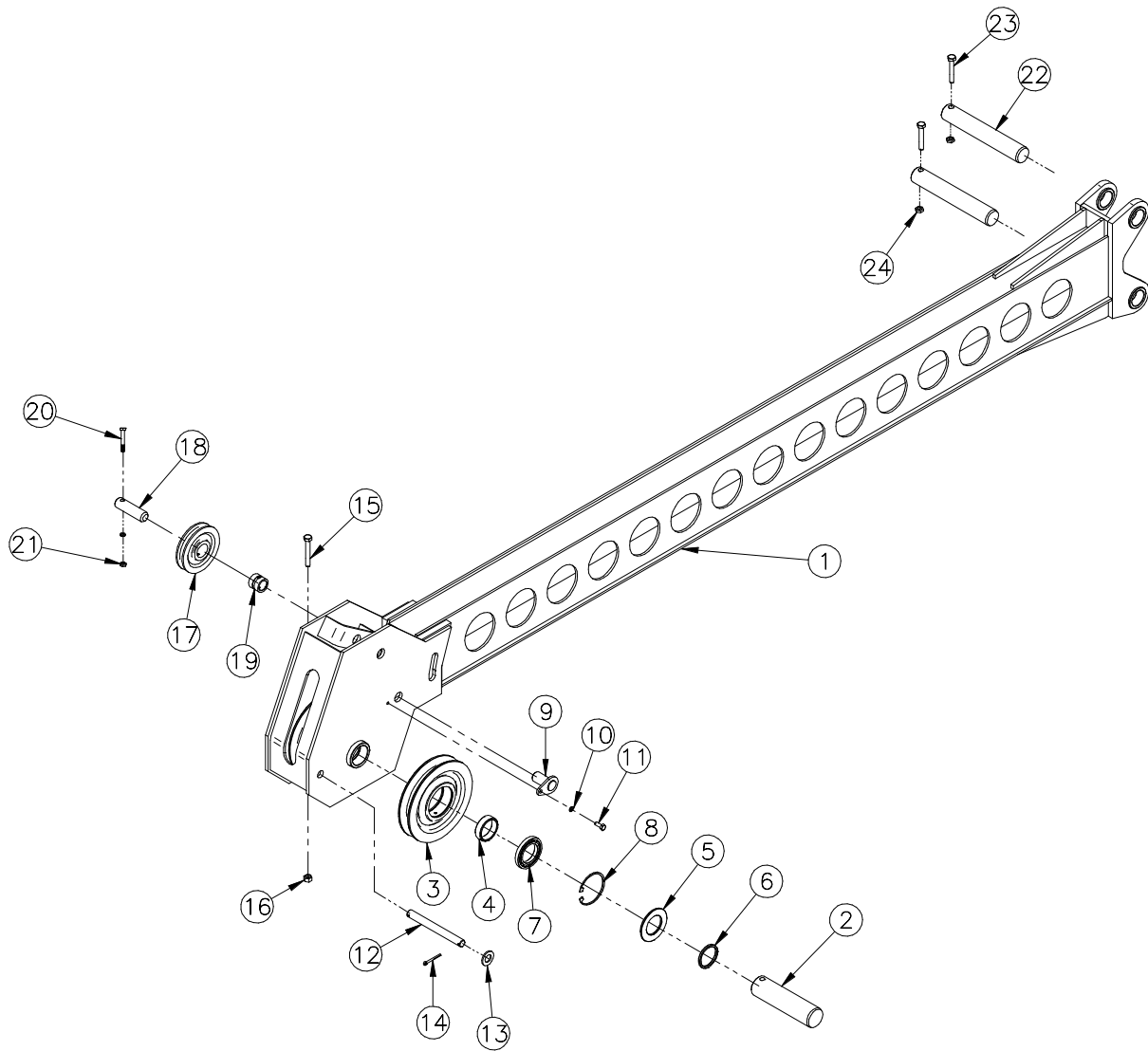
CONTROL VALVE CIRCUIT 6 SPOOL (OPTIONAL)



CONTROL VALVE CIRCUIT 6 SPOOL (OPTIONAL)

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	923000004500	A	CONTROL VALVE 6 SPOOL	1	
2	923000005000	A	CONTROL VALVE LEVER	3	
3	923000006500	A	CONTROL VALVE LEVER	3	
4	200145400500	A	DOWTY SEAL	12	1/2" BSP
5	101241200600	A	ADOPTER 1/2" X 1"BSP	1	
6	101241200300	A	ADOPTER 1/2" x 1/2" BSP	10	
8	200145400600	A	DOWTY SEAL	1	3/4" BSP
9	101241420900	A	TEE 3/4"x1/2"x1" BSP	1	
10	901100812130	A	BOLT HEX	4	M8x65, Gr - 8.8
12	901600800000	A	WASHER PLAIN	4	M8
13	901610800000	A	WASHER SPRING	4	M8
14	901200800000	A	NUT HEX	4	M8
15	101026240803	A	KNOB WINCH	1	
16	101026240801	A	KNOB EXTN	1	
17	101026240802	A	KNOB LUFF	1	
18	101026240804	A	KNOB	3	

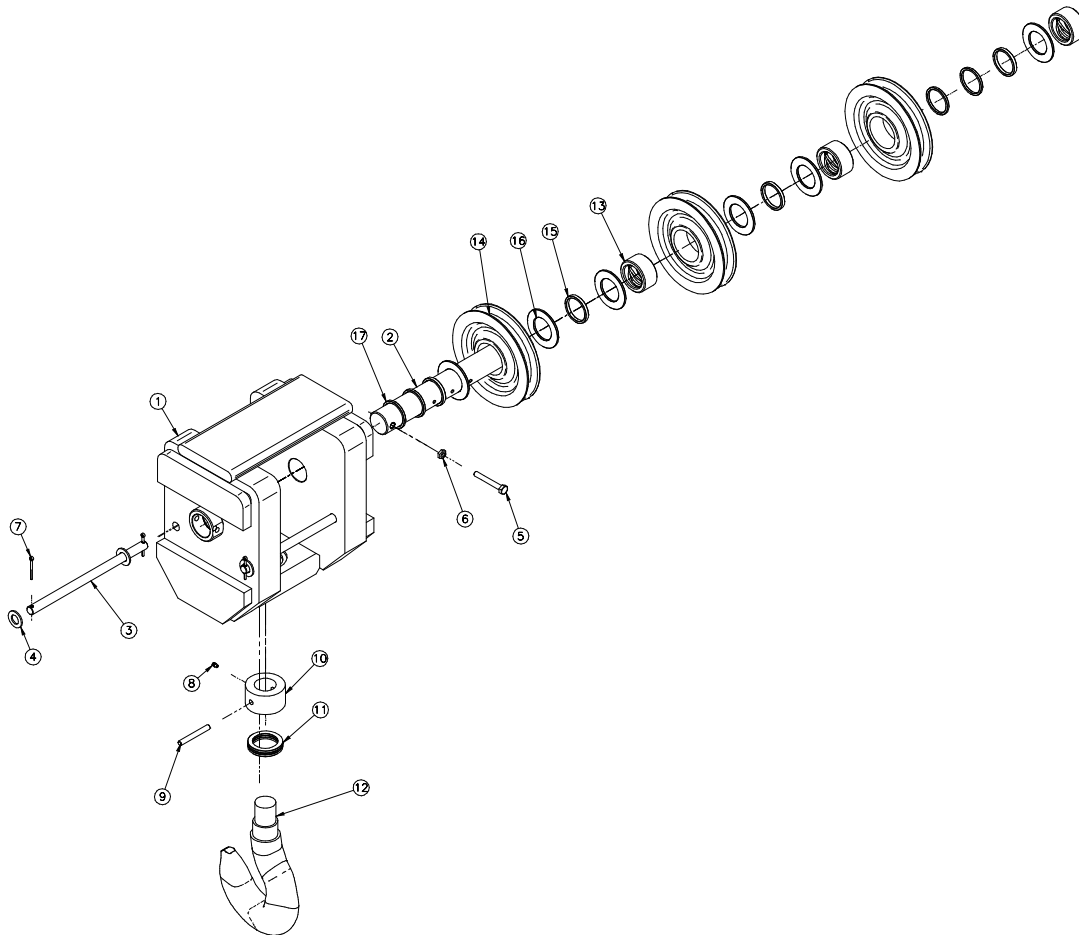
FLY JIB ASSEMBLY (OPTIONAL)



FLY JIB ASSEMBLY (OPTIONAL)

S.NO.	PART NO.	REV	DESCRIPTION	QTY.	COMMENTS
1	101525319900	C	FLYJIB FAB	1	
2	101525219900	A	PIN	1	
3	101126200800	A	PULLEY	2	
4	101623422600	A	SPACER	1	
5	101223423100	C	THRUST WASHER	4	
6	101126200100	A	SPACER 5	4	
7	933100001000	A	DEEP GROOVE BALL BEARING	4	
8	930802501000	A	INTERNAL CIRCLIP	4	DIA 80 x 2.5 N IS:3075
9	101123201300	B	PIN	1	
10	901610800000	A	WASHER SPRING	2	M8
11	901500812040	A	SCREW HEX	1	M8x20, Gr - 8.8
12	101525220000	A	ROPE GAURD PIN	1	
13	901602000000	A	WASHER PLAIN	2	M20
14	901400400000	A	SPLIT PIN	2	DIA 4 x 50L
15	901101012150	A	BOLT HEX	1	M10x75, Gr - 8.8
16	901221000000	A	NUT NYLOCK	1	M10
17	101228400300	D	PULLEY	1	
18	101223200400	A	PIN	1	
19	101228400400	C	BUSH	1	
20	901100812100	A	BOLT HEX	1	M8X50,Gr - 8.8
21	901200800000	A	NUT HEX	2	M8
22	101525220300	A	PIN	2	
23	901101012130	A	BOLT HEX	2	M10X65
24	901201000000	A	NUT HEX	2	M10

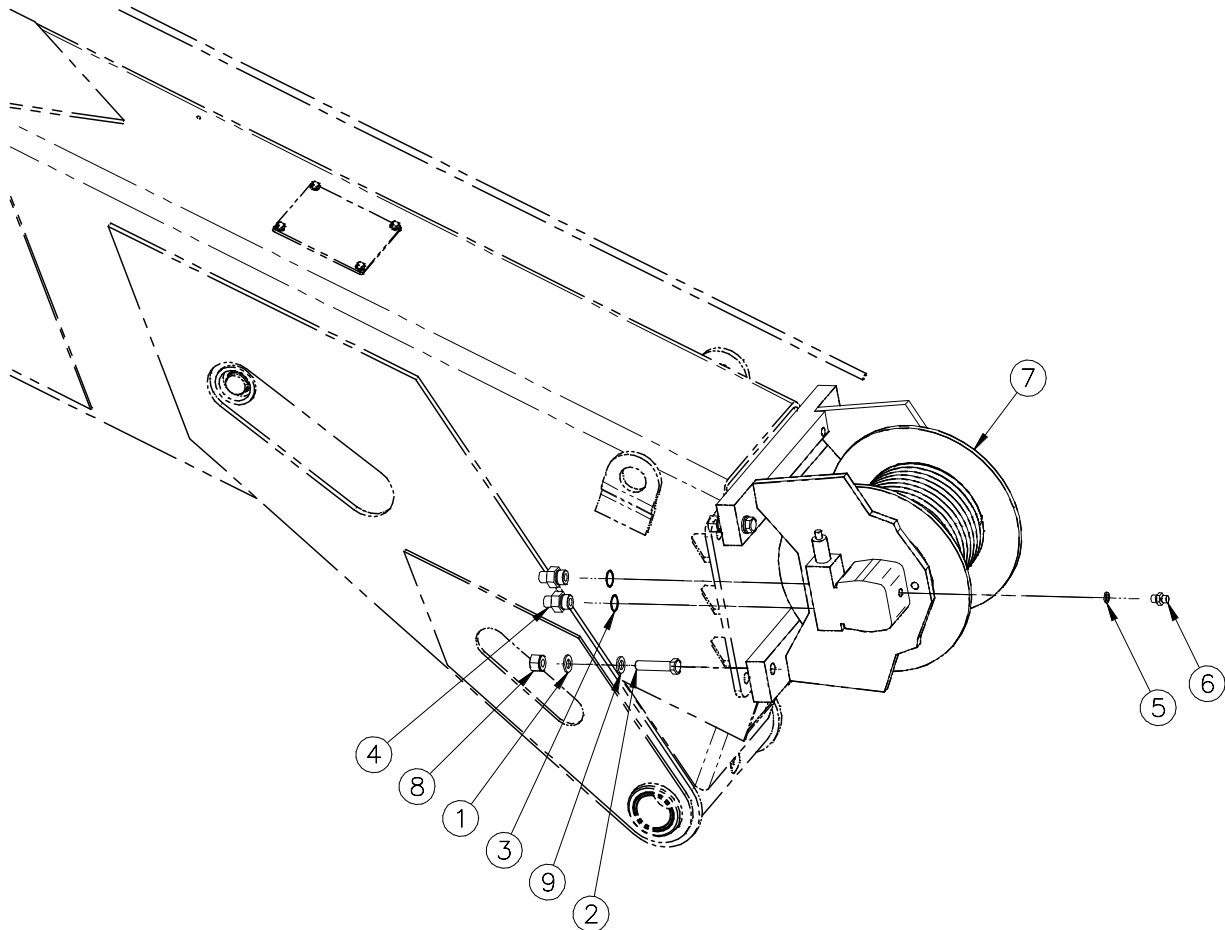
SNATCH BLOCK ASSEMBLY 6 FALL (OPTIONAL)



SNATCH BLOCK ASSEMBLY 6 FALL (OPTIONAL)

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	101526320300	A	SNATCH BLOCK FAB-6F	1	
2	101523220600	A	PIN	1	
3	101226420200	A	ROPE GAURD PIN	2	
4	901602000000	A	WASHER PLAIN	4	M20
5	901101012150	A	BOLT HEX	1	M10x75, Gr - 8.8
6	901201000000	A	NUT HEX	1	M10
7	901400400000	-	SPLIT PIN	4	DIA 4 x 5 0 LG
8	901300600000	A	NIPPLE GREASE	2	M6x1
9	101226422600	A	SPRING DOWEL PIN	1	
10	101226422400	A	HOOK NUT	1	
11	933500001100	A	THRUST BALL BRG.(51110)	1	
12	101526420700	A	HOOK 10 T	1	APBA12-011
13	101524428600	A	BUSH	3	
14	101524428500	A	PULLEY	3	
15	101623422700	A	SPACER7	4	
16	101421447300	A	THRUST WASHER	6	AMPBA0200
17	101126200100	B	SPACER 5	4	

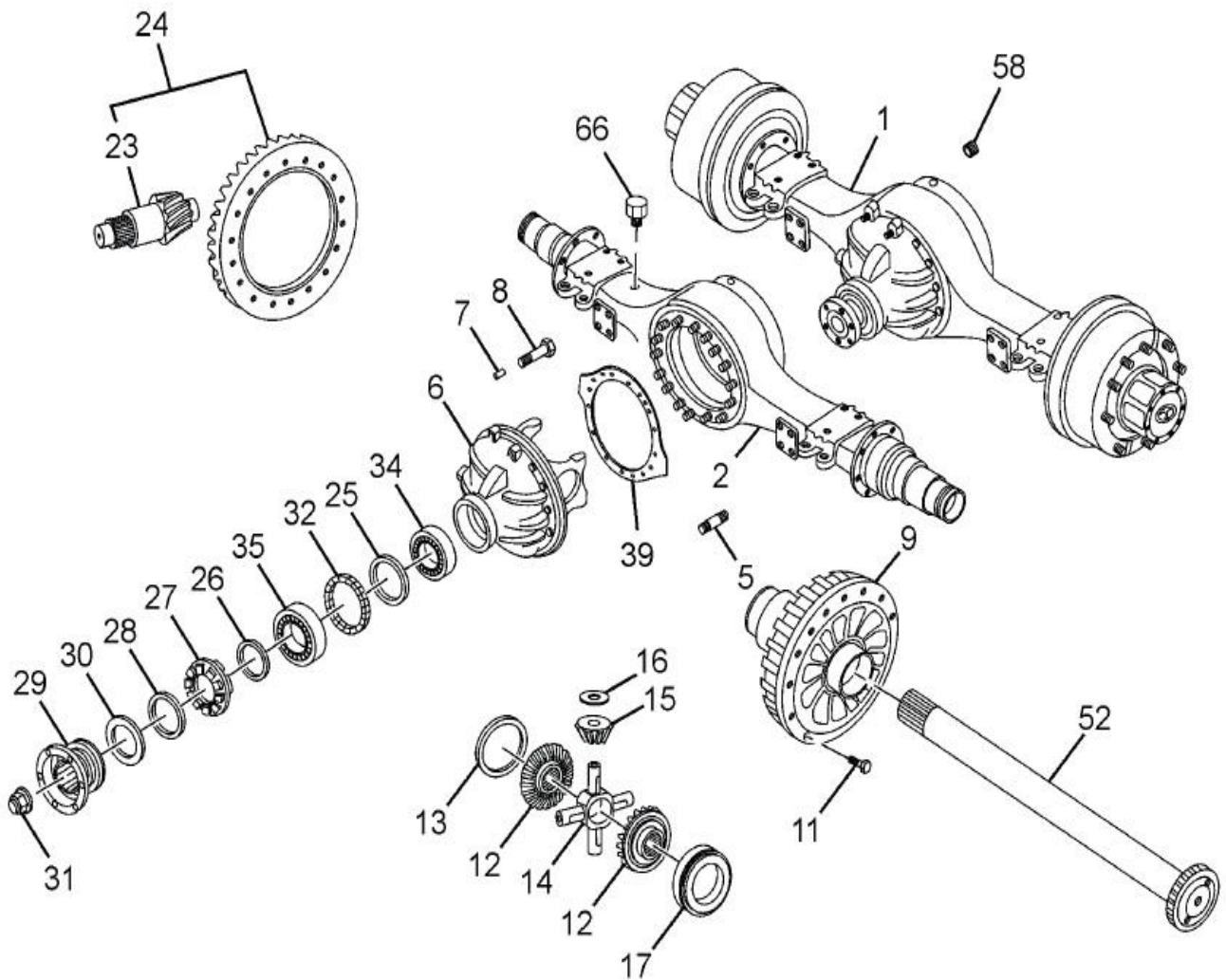
WINCH



WINCH

S.NO.	PART NO.	REV.	DESCRIPTION	QTY.	COMMENTS
1	901601600000	A	WASHER PLAIN	4	M16
2	901501612140	A	SCREW HEX	4	M16x70, Gr - 8.8
3	925082000100	A	DOWTY SEAL 3/4"	2	
4	200145203700	A	ADOPTER 3/4" X 1/2" BSP	2	
5	200145400200	A	DOWTY SEAL	1	1/4" BSP
6	101245200500	A	1/4"X1/4" ADOPTER	1	
7	929100000800	A	WINCH ASSY	1	2.5 T
8	901221600000	A	NUT NYLOCK	4	M16
9	901611600000	A	WASHER SPRING	4	M16

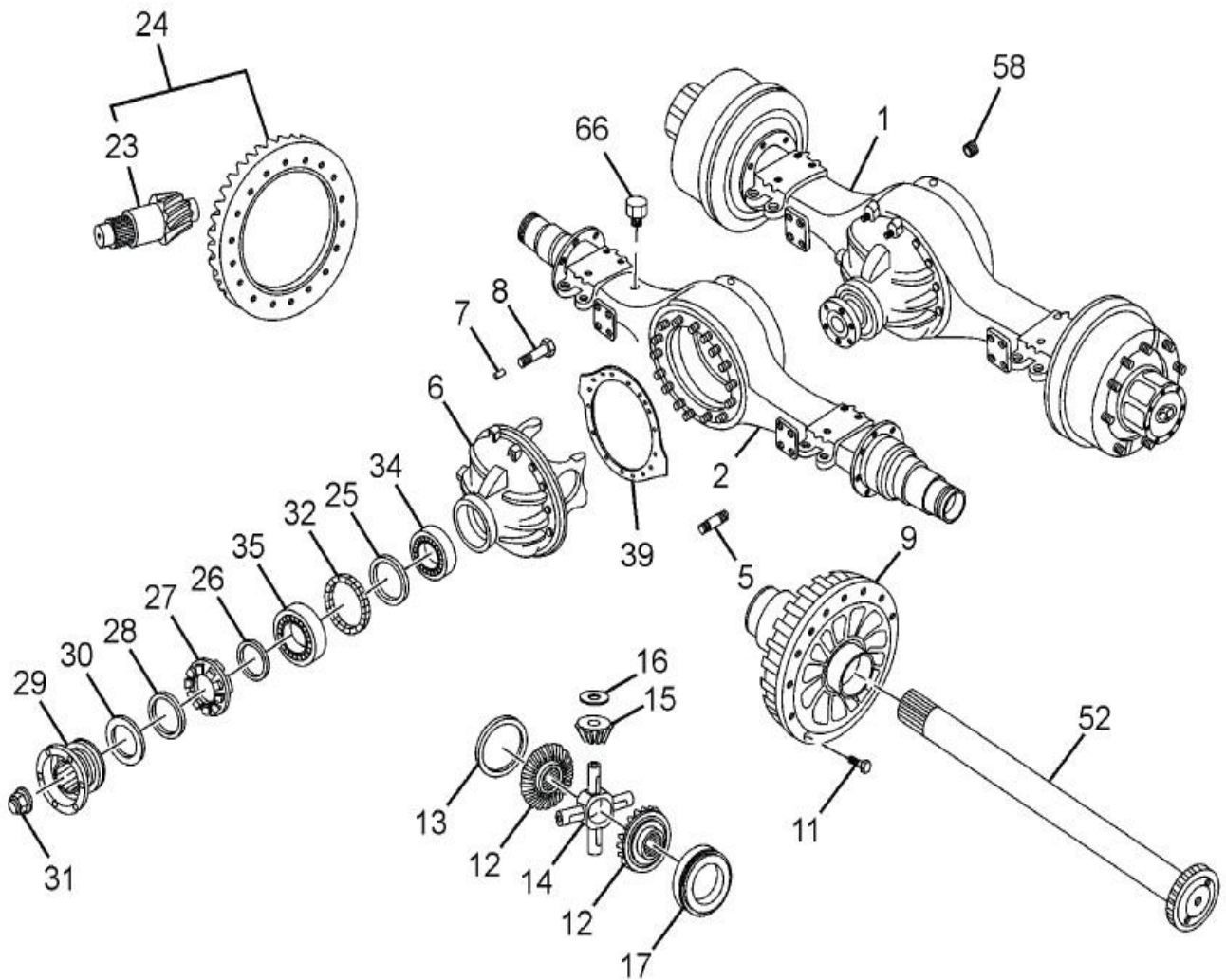
DRIVE AXLE ASSEMBLY (TATA AXLE RA109 RR)



DRIVE AXLE ASSEMBLY (TATA AXLE RA109 RR)

S. NO.	PART NO.	REV	DESCRIPTION	QTY	REMARKS
1	932900081200	A	ASSY. REAR AXLE RA 109 RR (41/6) COMPLETE	1	
2	932900081300	A	ASSY. REAR AXLE BEAM WITH PR. RINGS & STUDS	1	
	932900081400	A	SPRING SADDLE (BOTTOM) (1055)	2	
	932900081500	A	FLANGE (S-CAM BRAKE)	2	
	932900081600	A	BRACKET (S-CAM,CAST `Z` BKT)	2	
	932900081700	A	ASSY COVER (REAR AXLE HOUSING)	1	COMPRISES COVER,FLANGE
	932900081800	A	COVER	1	
	932900081900	A	FLANGE (REAR COVER)	1	
	932900082000	A	OIL SLINGER (HOT FORM BEAM)	2	
5	932900082100	A	STUD BM12X40 TS17070	9	
5	932900082200	A	STUD BM12X80 TS17070	4	
	932900082300	A	PRESSURE RING	2	
6	932900082400	A	ASSY. CARRIER HOUSING	1	
7	932900082500	A	CYLINDRICAL PIN 10 H 8X20	4	
	932900082600	A	PLUMMER BLOCK COVER	2	
8	932900082700	A	BOLT (PLUMMER BLOCK COVER)	4	
9	932900082800	A	DIFFERENTIAL HOUSING ASSY	1	
	932900082900	A	DIFFERENTIAL COVER (9x14 GEARS)	1	
	932900083000	A	HEX. SCREW (DIFF. CASE TO COVER)	16	
11	932900083100	A	HEX. BOLT SERRATED (CROWN WHEEL)	18	
12	932900083200	A	GEAR, REAR AXLE SHAFT	2	
13	932900083300	A	THRUST WASHER (GEAR) 1.95 MM THICK	2	FOR SELECTION
13	932900083400	A	THRUST WASHER (GEAR) 2.00 MM THICK	2	FOR SELECTION
13	932900083500	A	THRUST WASHER (GEAR) 2.05 MM THICK	2	FOR SELECTION
13	932900083600	A	THRUST WASHER (GEAR) 2.10 MM THICK	2	FOR SELECTION
13	932900083700	A	THRUST WASHER (GEAR) 2.15 MM THICK	2	FOR SELECTION
13	932900083800	A	THRUST WASHER (GEAR) 2.20 MM THICK	2	FOR SELECTION
13	932900083900	A	THRUST WASHER (GEAR) 2.25 MM THICK	2	FOR SELECTION
14	932900084000	A	DIFFERENTIAL SPIDER(LOCKABLE SPH WASHER)	1	
15	932900084100	A	DIFFERENTIAL BEVEL PINION	4	
16	932900084200	A	SPHERICAL WASHER (LOCKABLE)	4	
	932900084300	A	LOCK PLATE (DIFF.CASE /COVER BOLT)	8	
17	932900084400	A	TAPER ROLLER BEARING (DIFF.)	2	
24	932900084500	A	CROWN WHEEL AND PINION (41/6)	1	
23	932900084600	A	PINION (41/6=6.83)	1	
25	932900084700	A	SPACER (BETWEEN PINION BRG.)	1	

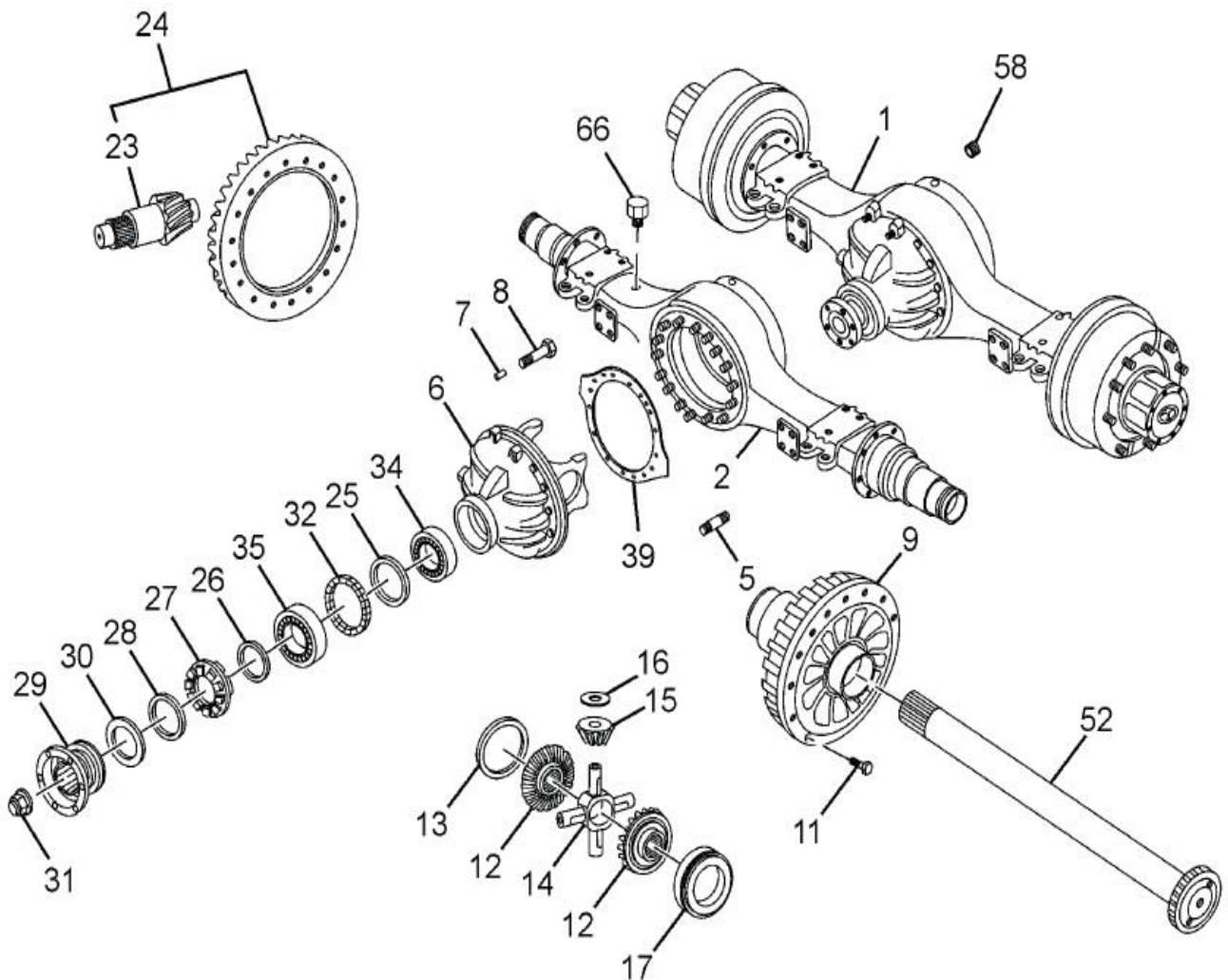
DRIVE AXLE ASSEMBLY (TATA AXLE RA109 RR)



DRIVE AXLE ASSEMBLY (TATA AXLE RA109 RR)

S. NO.	PART NO.	REV	DESCRIPTION	QTY	REMARKS
	932900084800	A	ASSY SPACER WITH OIL SLINGER (PRESS TYPE)	1	
26	932900084900	A	SPACER (BETWEEN PINION BRG. & FLANGE)	1	
27	932900085000	A	THREADED RING HYPOID PINION	1	
28	932900085100	A	OIL SEAL DOUBLE LIP	1	
29	932900085200	A	ASSY.COUPLING FLANGE (130 DIA)	1	FOR SELECTION
29	932900085300	A	COUPLING FLANGE (130 DIA)--W/O DUST COVER	1	FOR SELECTION
30	932900085400	A	DUST COVER	1	
	932900085500	A	DUST SEAL	1	
31	932900085600	A	HEX. NUT	1	
32	932900085700	A	SPACER RING 7.74 MM THICK	1	
32	932900085800	A	SPACER RING 7.72 MM THICK	1	
32	932900085900	A	SPACER RING 7.70 MM THICK	1	
32	932900086000	A	SPACER RING 7.68 MM THICK	1	
32	932900086100	A	SPACER RING 7.66 MM THICK	1	
32	932900086200	A	SPACER RING 7.64 MM THICK	1	
32	932900086300	A	SPACER RING 7.62 MM THICK	1	
32	932900086400	A	SPACER RING 7.60 MM THICK	1	
32	932900086500	A	SPACER RING 7.58 MM THICK	1	
32	932900086600	A	SPACER RING 7.54 MM THICK	1	
32	932900086700	A	SPACER RING 7.52 MM THICK	1	
32	932900086800	A	SPACER RING 7.50 MM THICK	1	
32	932900086900	A	SPACER RING 7.48 MM THICK	1	
32	932900087000	A	SPACER RING 7.46 MM THICK	1	
32	932900087100	A	SPACER RING 7.44 MM THICK	1	
32	932900087200	A	SPACER RING 7.42 MM THICK	1	
32	932900087300	A	SPACER RING 7.40 MM THICK	1	
32	932900087400	A	SPACER RING 7.76 MM THICK	1	

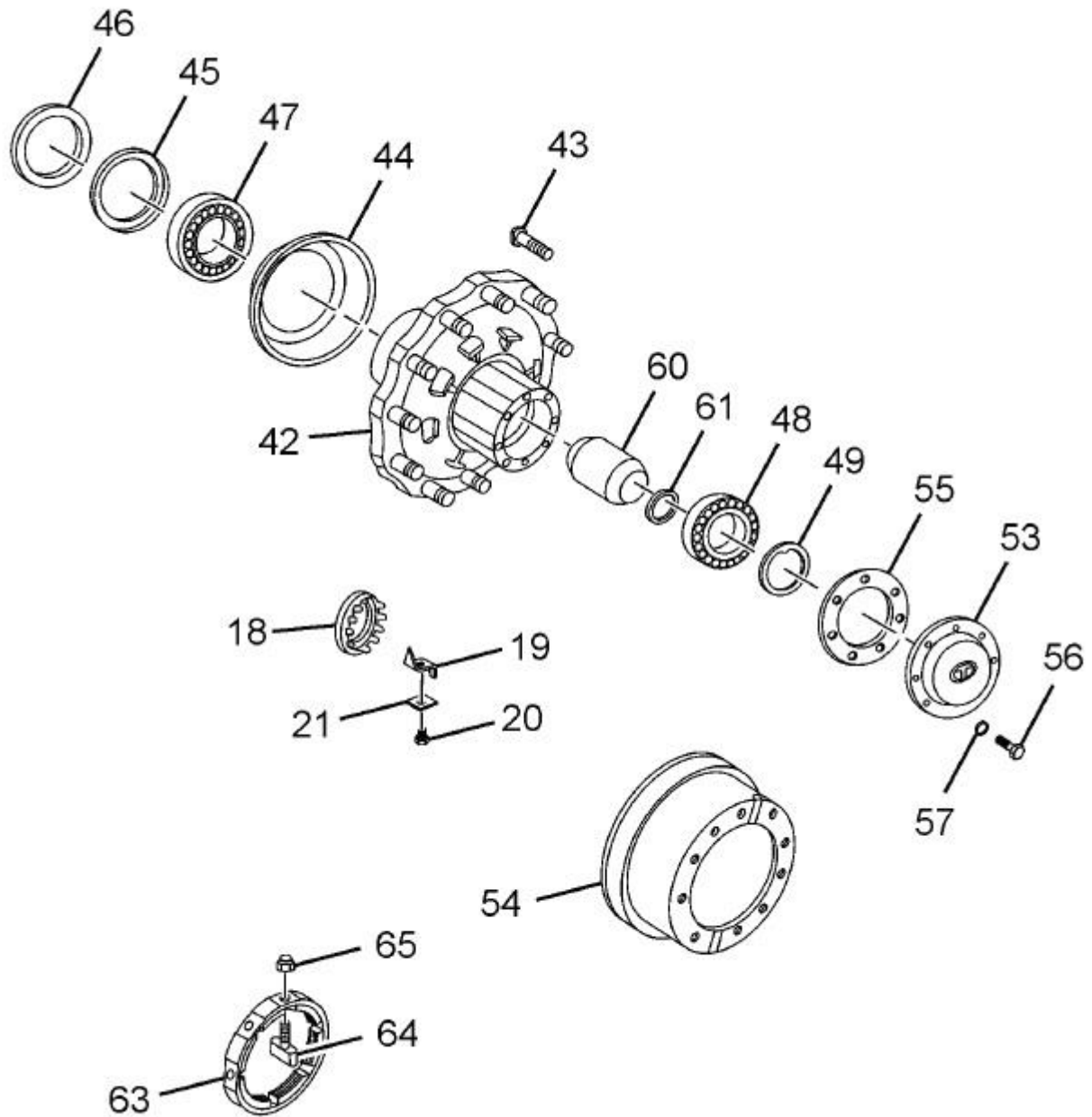
DRIVE AXLE ASSEMBLY (TATA AXLE RA109 RR)



DRIVE AXLE ASSEMBLY (TATA AXLE RA109 RR)

S. NO.	PART NO.	REV	DESCRIPTION	QTY	REMARKS
34	932900087500	A	TAPER ROLLER BEARING (PINION)	2	
	932900087600	A	SHIM 0.10 MM THICK (PINION TO REAR AXLE HOUSING)	AR	FOR SELECTION
35	932900087700	A	SHIM 0.15 MM THICK (PINION TO REAR AXLE HOUSING)	AR	FOR SELECTION
	932900087800	A	SHIM 0.20 MM THICK (PINION TO REAR AXLE HOUSING)	AR	FOR SELECTION
	932900087900	A	SHIM 0.25 MM THICK (PINION TO REAR AXLE HOUSING)	AR	FOR SELECTION
	932900088000	A	SHIM 0.30 MM THICK (PINION TO REAR AXLE HOUSING)	AR	FOR SELECTION
	932900088100	A	SHIM 0.50 MM THICK (PINION TO REAR AXLE HOUSING)	AR	FOR SELECTION
	932900088200	A	SHIM 1.00 MM THICK (PINION TO REAR AXLE HOUSING)	AR	FOR SELECTION
	932900088300	A	CYLINDRICAL ROLLER BEARING	2	
	932900088400	A	LOCKING WIRE (INNER RACE)	1	
	932900088500	A	LOCKING WIRE (OUTER RACE)	1	
	932900088600	A	LOCKING PLATE	1	
39	932900088700	A	GASKET (CARRIER)	1	
52	932900088800	A	REAR AXLE SHAFT	1	
58	932900088900	A	PRESSURE RELIEF VALVE	1	
	932900089000	A	MAGNETIC DRAIN PLUG	1	
66	932900089100	A	ASSY BREATHER	1	
	932900089200	A	DIFFERENTIAL GEAR KIT, WARM FORGED	1	
		A	CONSISTS OF :		
12		A	REAR AXLE SHAFT GEAR	2	
14		A	SPIDER	1	
15		A	DIFFERENTIAL BEVEL GEAR	4	

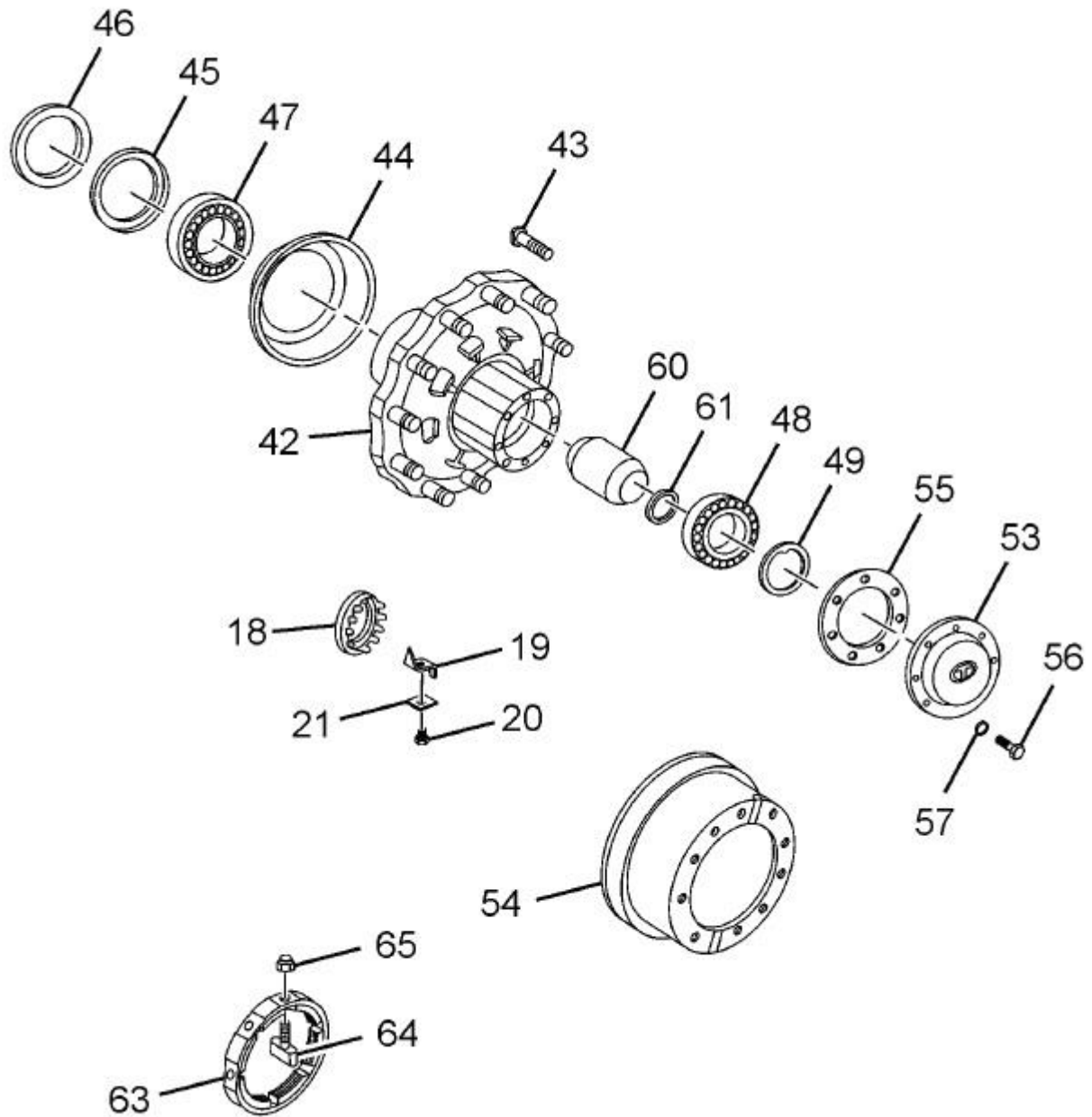
DRIVE AXLE HUB ASSEMBLY (TATA AXLE RA109 RR)



DRIVE AXLE HUB ASSEMBLY (TATA AXLE RA109 RR)

S. NO.	PART NO.	REV	DESCRIPTION	QTY	REMARKS
18	932900089200	A	THREADED RING	2	
19	932900089300	A	LOCKING PLATE (TO THREADED RING)	2	
20	932900089400	A	SCREW M 8X12	2	
21	932900089500	A	LOCKING PLATE	2	
	932900089600	A	ASSY.ADJUSTING PIN	1	
42	932900089700	A	ASSY. HUB (REAR) W/O BEARINGS AND	2	
			OIL SEAL		
43	932900089800	A	HUB BOLT, REAR	20	
44	932900089900	A	OIL CATCHER	2	
45	932900090000	A	SPACER RING (HUB OUTER SEAL)	2	
46	932900090100	A	OIL SEAL (INNER)	2	
47	932900090200	A	TAPER ROLLER BEARING (INNER)	2	(95X168X41)
48	932900090300	A	TAPER ROLLER BEARING (OUTER)	2	(85X150X38)
	932900090400	A	OIL SEAL (OUTER)	2	
60	932900090500	A	SPACER TUBE (BETWEEN HUB BRGS)	2	
61	932900090600	A	SHIM 0.10 THICK	AR	FOR SELECTION
61	932900090700	A	SHIM 0.15 THICK	AR	FOR SELECTION
61	932900090800	A	SHIM 0.20 THICK	AR	FOR SELECTION
61	932900090900	A	SHIM 0.25 THICK	AR	FOR SELECTION
61	932900091000	A	SHIM 0.50 THICK	AR	FOR SELECTION
61	932900091100	A	SHIM 1.50 THICK	AR	FOR SELECTION
61	932900091200	A	SHIM 0.30 THICK	AR	FOR SELECTION
61	932900091300	A	SHIM 1.00 THICK	AR	FOR SELECTION
54	932900091400	A	BRAKE DRUM (SPIGOTTED) (RA 109 RR)	2	
53	932900091500	A	COVER, REAR HUB	2	
55	932900091600	A	GASKET (HUB)	2	

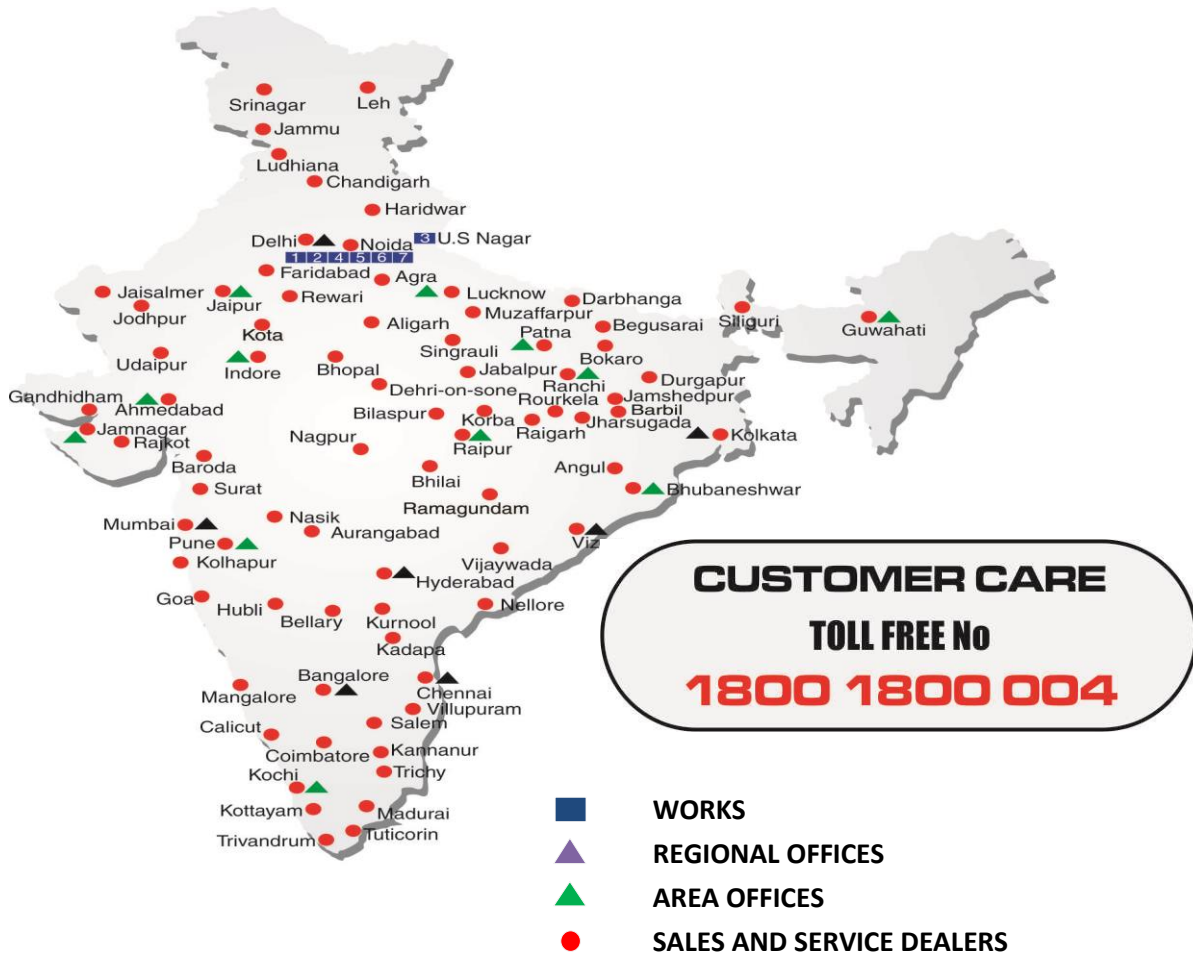
DRIVE AXLE HUB ASSEMBLY (TATA AXLE RA109 RR)



DRIVE AXLE HUB ASSEMBLY (TATA AXLE RA109 RR)

S. NO.	PART NO.	REV	DESCRIPTION	QTY	REMARKS
56	932900091700	A	HEX SCREW M 8X18	16	
57	932900091800	A	SPRING WASHER B 8	16	
49	932900091900	A	SPACER	2	
	932900092000	A	TONGUE SPACER (HUB OUTER BEARING)	2	
63	932900092100	A	HUB LOCK NUT	2	
64	932900092200	A	PIN (HUB LOCK NUT)	2	
65	932900092300	A	NYLOC NUT M 8 (HUB LOCK NUT)	2	
	932900092400	A	HEX BOLT	16	
	932900092500	A	REAR HUB GREASING KIT	1	
			CONSISTS OF :		
			OIL SEAL (INNER)	2	
			OIL SEAL (OUTER)	2	
			GASKET (HUB)	2	

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