

156PAR3203



BE220 EXCAVATOR

PARTS CATALOGUE

FOREWORD

IN THE PARTS CATALOGUE FEW CODIFICATIONS HAVE BEEN INTRODUCED FOR THE BETTER UNDERSTANDING AND USE, SPECIALLY WITH REGARDS TO THE SERVICEABILITY AND REPLACEMENT OF PARTS :

NAME OF THE PART : Part name with prefixes (.),(..),(...) and so on indicate level of assembly.

QTY : 'Qty' indicates the quantity of a part required per equipment. In case of a component part of an assembly, however, it indicates the quantity of the part required of the assembly.

** : Part is not supplied as an independent part, but the assembly containing the part is.*

: Item is shown to furnish further details and the same is for reference only. Hence the 'QTY' should not be reckoned.

\$: Item is shown for shipping purpose only. These items are to be removed while assembling.

NOTE : For BS6D105 Engine details refer separate parts catalogue.

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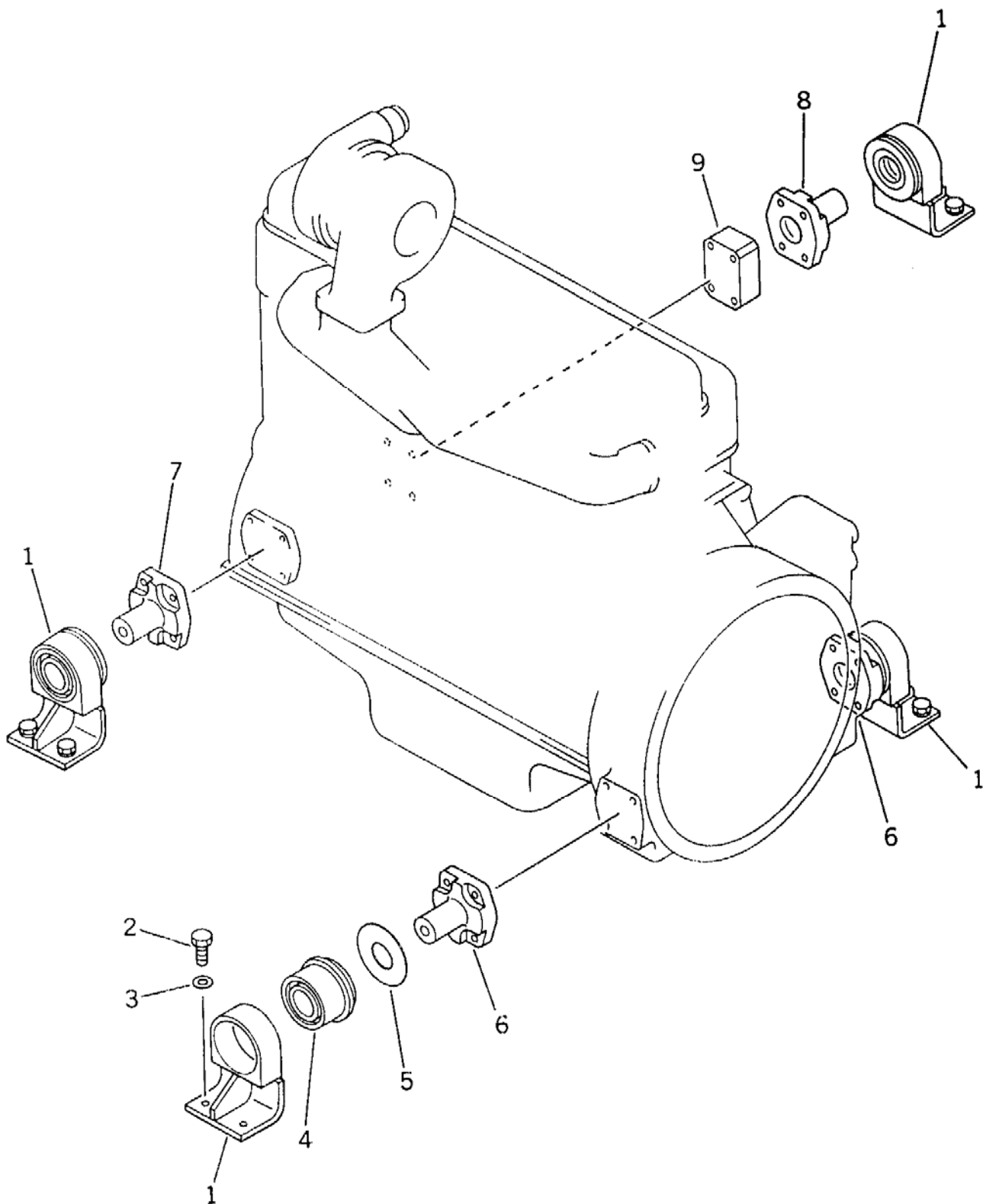
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I. ENGINE RELATED PARTS AND ELECTRICAL SYSTEM

FIG: 1000 ENGINE MOUNT

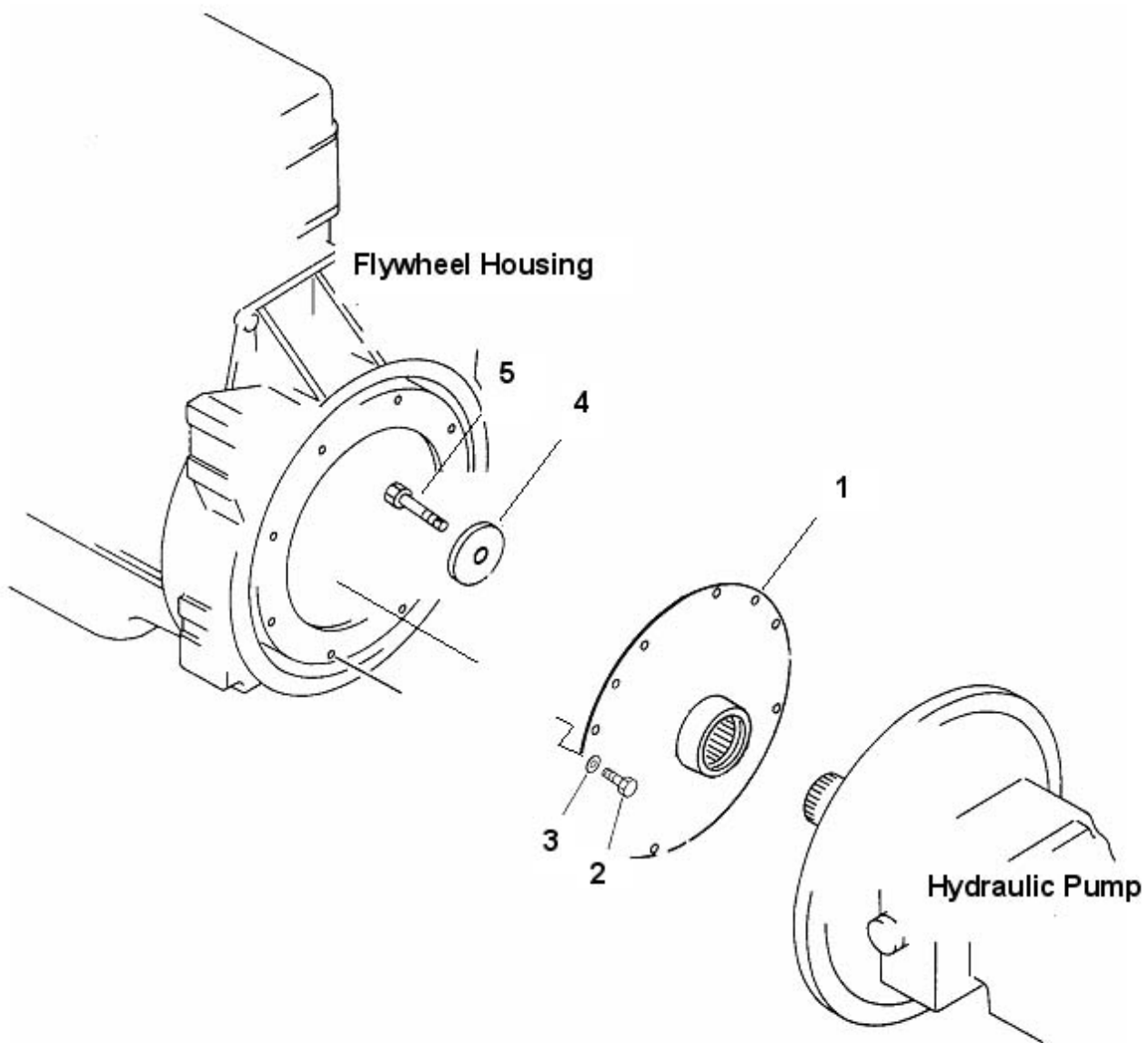


ENGINE MOUNT

FIG NO.1000

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	155 EI 02017	BRACKET	4	
02	CFS01 31635	SCREW	8	
03	CFW05 16045	WASHER	8	
04	155 EI 02009	CUSHION	4	
05	155 EI 11049	SPACER	8	
06	155 EI 11357	PIN	2	
07	155 EI 11381	PIN	1	
08	155 EI 11365	PIN	1	
09	155 EI 11373	PLATE	1	

FIG: 1010 DAMPER

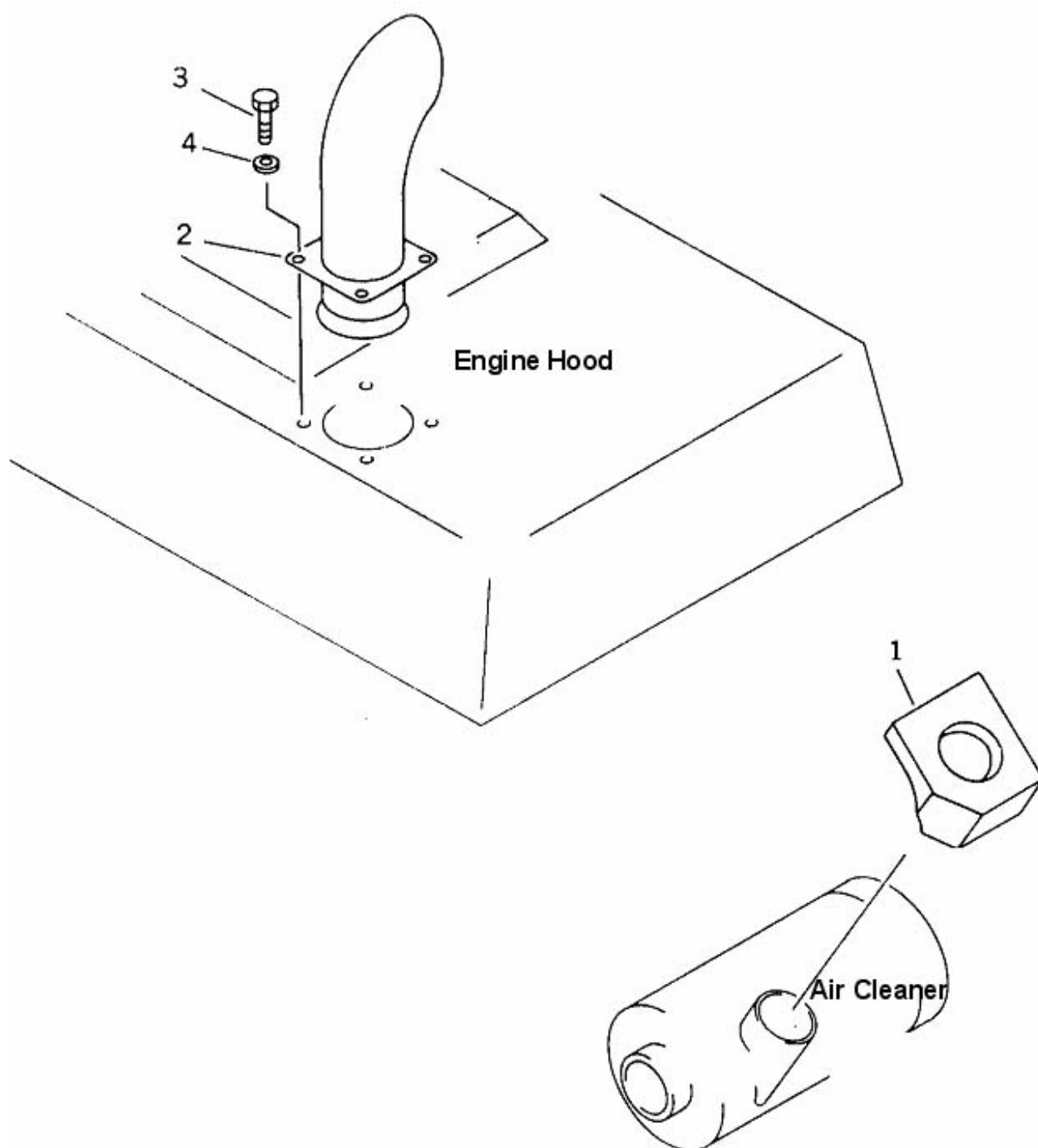


DAMPER

FIG NO.1010

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FIG: 1020 AIR INTAKE AND TAIL PIPE

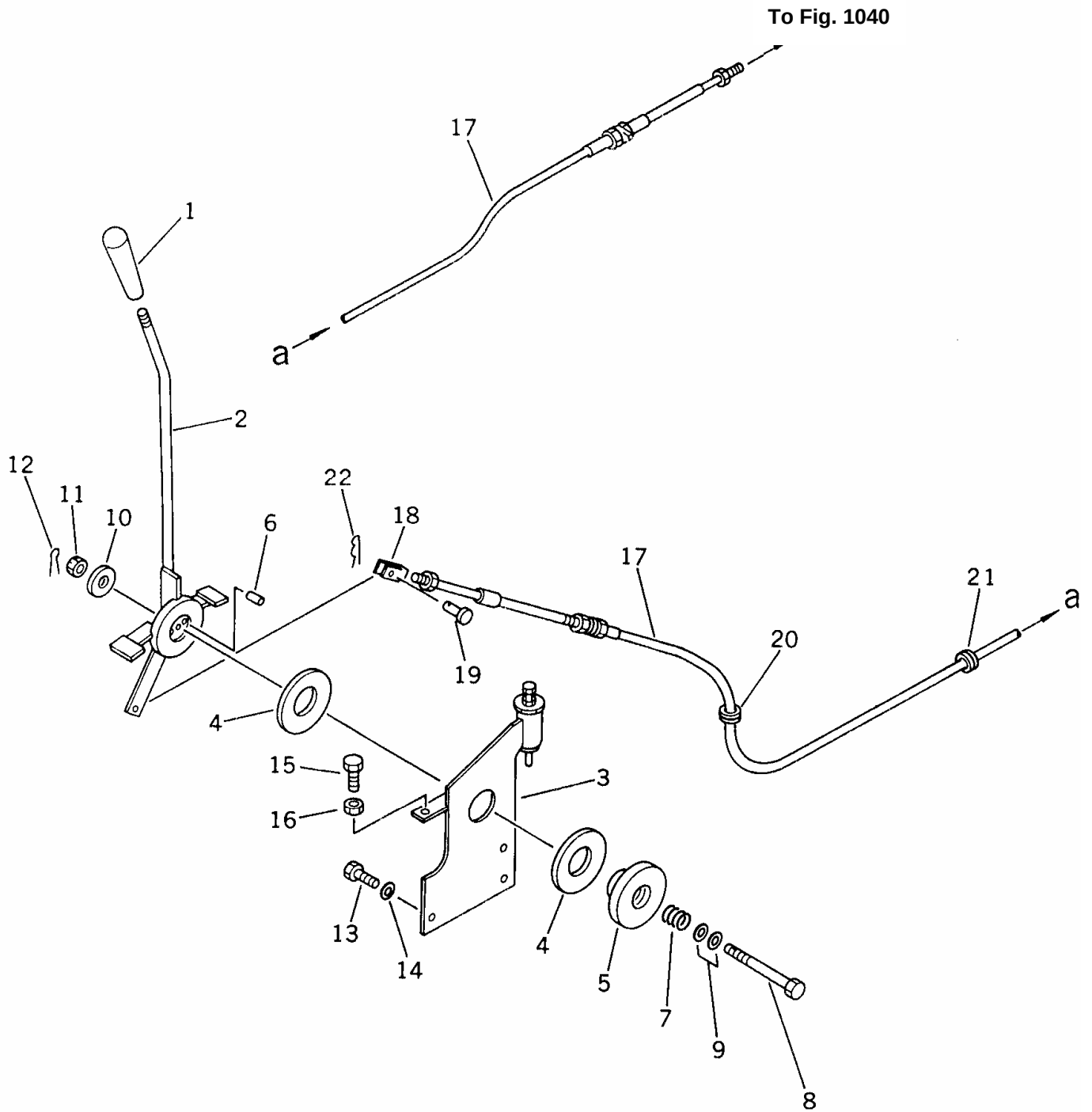


AIR INTAKE AND TAIL PIPE

FIG NO.1020

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	155 EH 02444	SEAL	1	
02	156 EI 02007	PIPE TAIL	1	
03	CFS01 31230	SCREW	4	
04	155 EI 11008	WASHER	4	

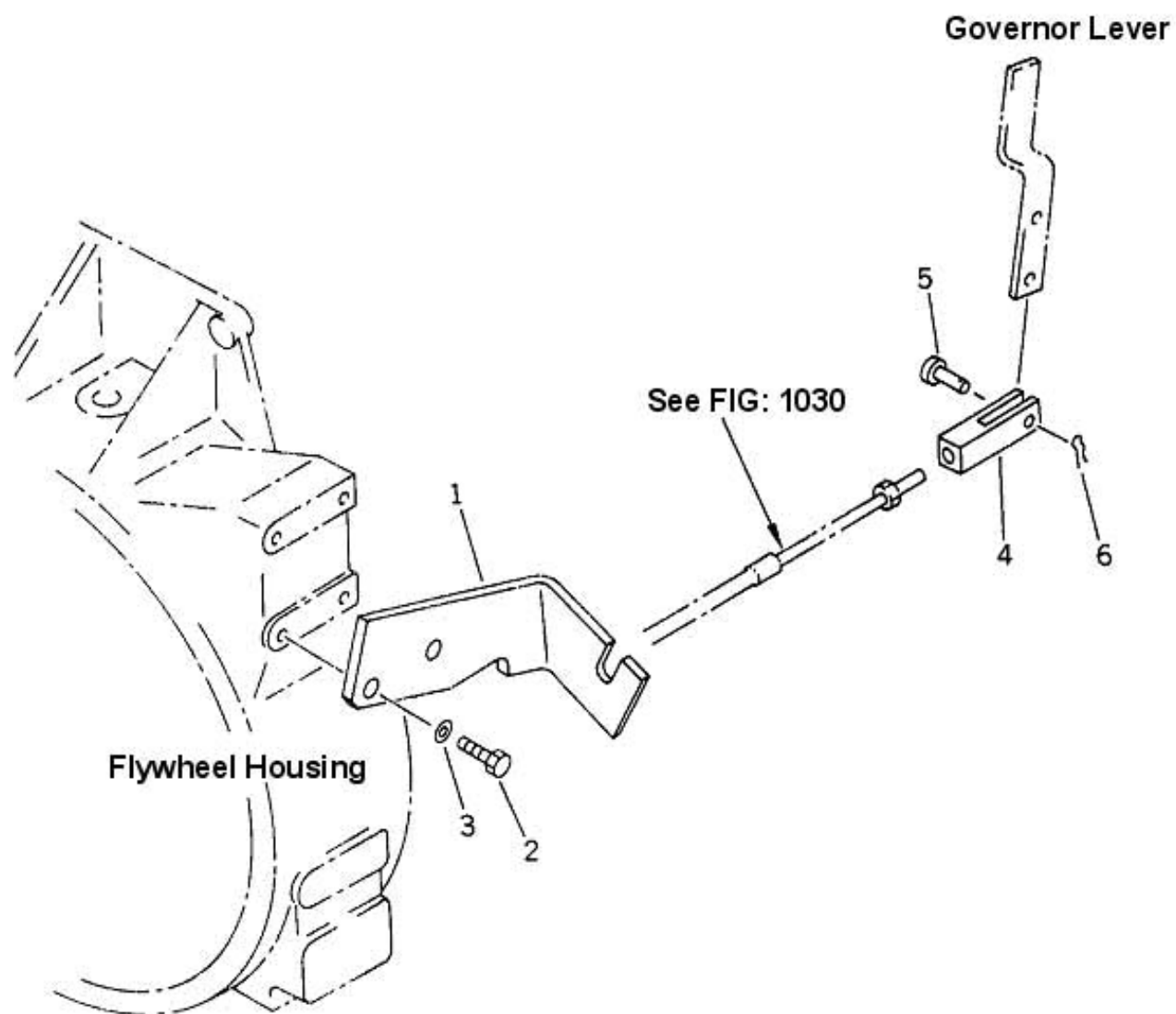
FIG. 1030 FUEL CONTROL LEVER



FUEL CONTROL LEVER**FIG NO.1030**

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	CDN01 01240	KNOB	1	
02	155 C0 02281	LEVER	1	
03	155 C0 02298	BRACKET	1	
04	155 C0 93894	FACING	2	
05	155 C0 14156	DISC	1	
06	CFP04 00616	PIN DOWEL	2	
07	155 C0 13921	SPRING	1	
08	CFB19 51265	BOLT	1	
09	CFW02 11225	WASHER	2	
10	155 C0 13905	COVER	1	
11	CFN36 11210	NUT	1	
12	CFP01 03232	PIN COTTER	1	
13	CFS01 31230	SCREW	3	
14	CFW05 12032	WASHER	3	
15	CFS01 31050	BOLT	1	
16	CFN01 21084	NUT	1	
17	155 C0 02005	CABLE	1	
18	CFY02 20634	YOKE	1	
19	CFP02 10618	PIN	1	
20	155 C0 64011	GROMMET	1	
21	CGR01 03620	GROMMET	1	
22	CFP11 00612	PIN SNAP	1	

FIG: 1040 FUEL CONTROL LINKAGE

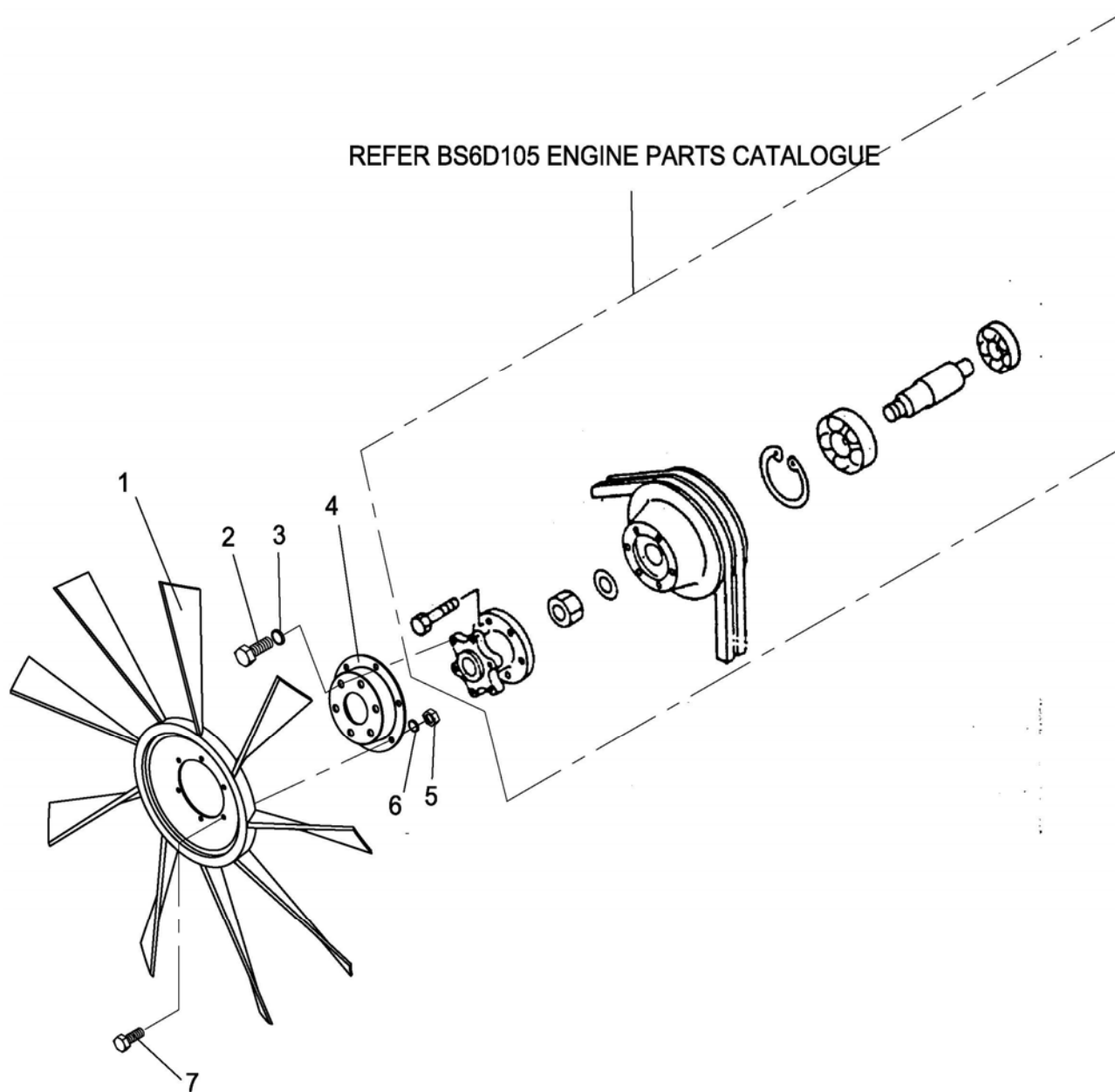


FUEL CONTROL LINKAGE

FIG NO.1040

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	155 C0 94088	BRACKET	1	
02	CFS01 31230	SCREW	2	
03	CFW05 12032	WASHER	2	
04	155 C0 94096	YOKE	1	
05	CFP02 11028	PIN	1	
06	CFP11 01018	PIN, SNAP	1	

FIG: 1050 FAN ASSEMBLY

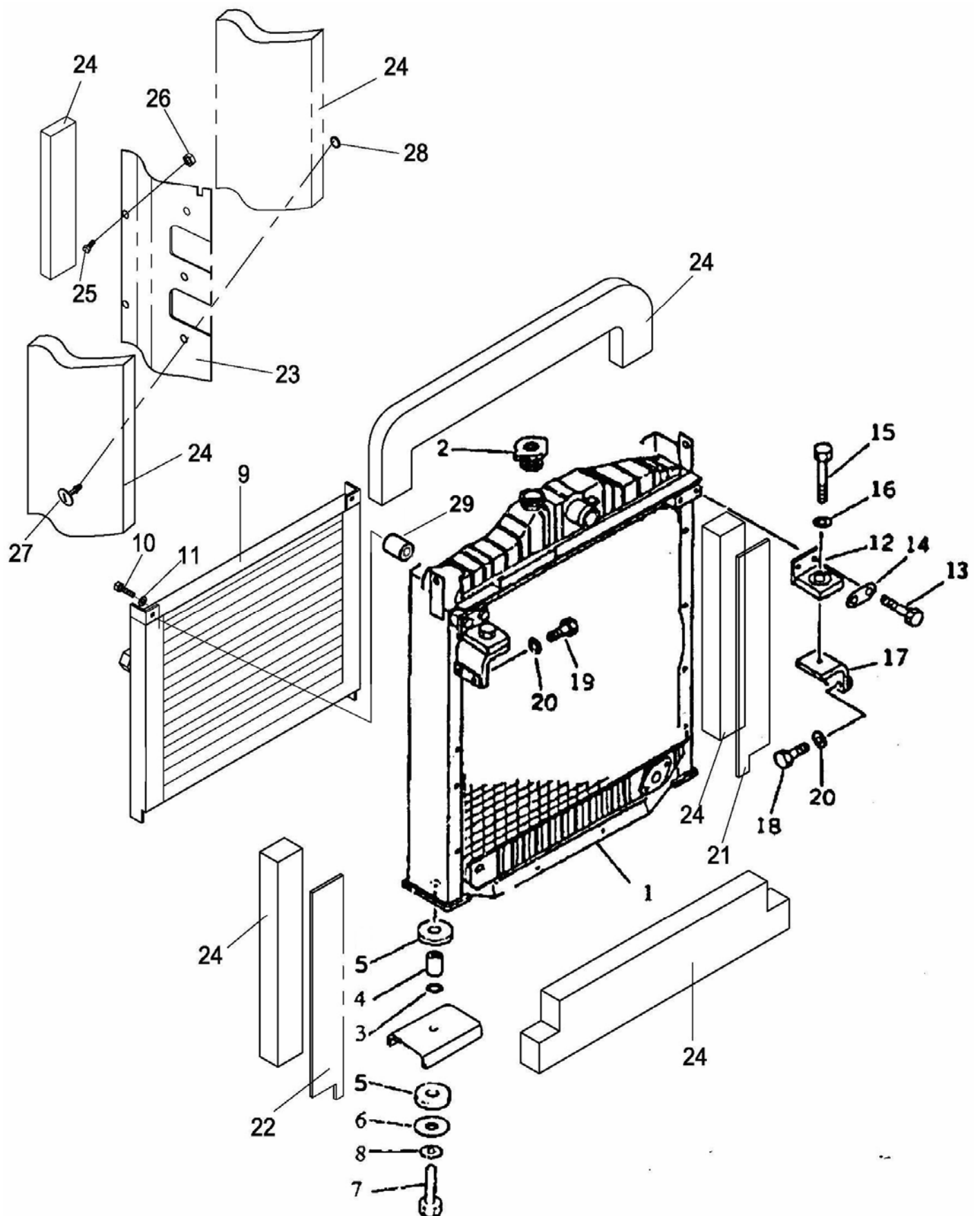


FAN ASSEMBLY

FIG NO.1050

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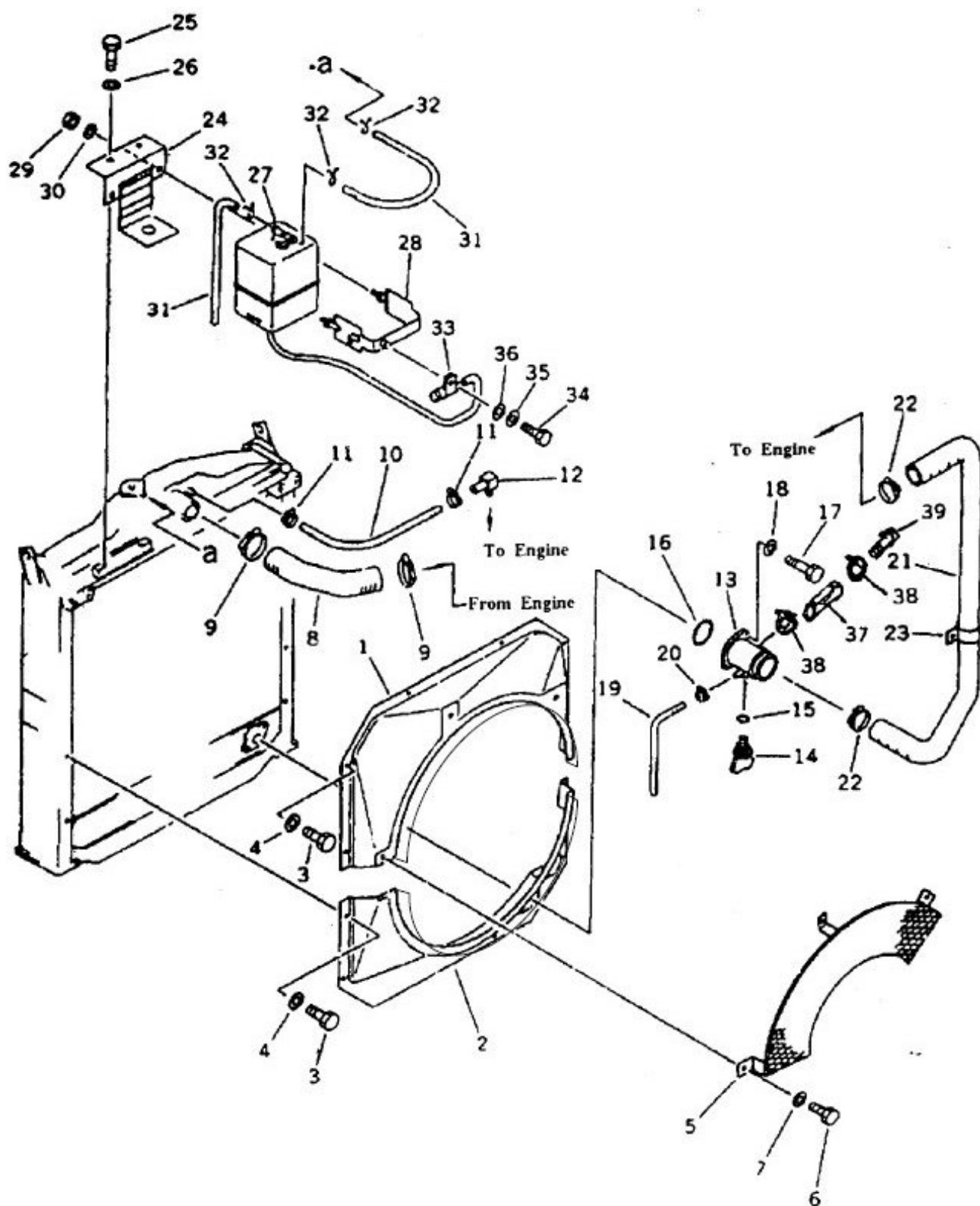
FIG. 1060 RADIATOR AND OIL COOLER



RADIATOR AND OIL COOLER
FIG NO.1060

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 EC 11022	RADIATOR CORE	1	
02	155 EC 91101	CAP ASSY	1	
03	CHS01 03022	O-RING	4	
04	155 EC 11819	COLLAR	4	
05	155 EC 61837	CUSHION	8	
06	155 EC 11827	PLATE	4	
07	CFB01 21270	BOLT	4	
08	CFW05 12032	WASHER	4	
09	156 EC 03011	OIL COOLER ASSY	1	
10	CFS01 30845	SCREW	4	
11	CFW05 08023	WASHER	4	
12	155 EC 02025	DAMPER ASSY	2	
13	CFS01 31230	SCREW	4	
14	155 EC 11608	SPACER	2	
15	CFB01 21260	BOLT	2	
16	CFW05 12032	WASHER	2	
17	155 EC 02017	BRACKET	2	
18	CFS01 31235	SCREW	2	
19	CFS01 31230	SCREW	2	
20	CFW05 12032	WASHER	4	
21	156 EH 12113	PLATE	1	
22	156 EH 12105	PLATE	1	
23	156 EH 12121	SIDE COVER	1	
24	156 EH 12146	SEALING FOAM	1	1.4 SQ. M
25	CFS01 31220	SCREW	2	
26	CFN01 11211	HEX.NUT	2	
27	781 EC 91103	BUTTON	5	
28	781 EC 91128	WASHER	5	
29	156 EC 11144	SPACER	4	

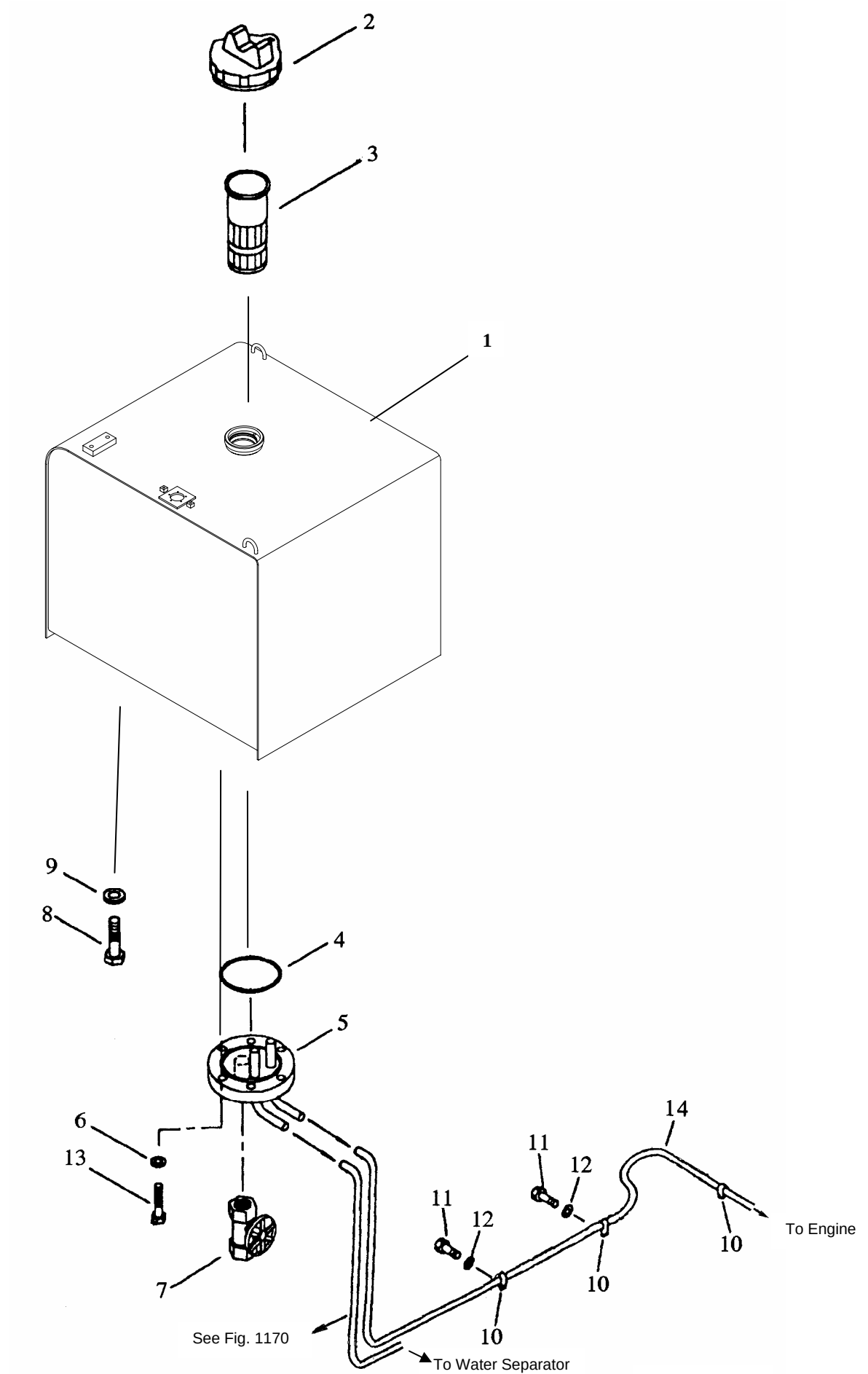
FIG: 1070 RADIATOR GUARD AND PIPING



RADIATOR GUARD AND PIPING
FIG NO.1070

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 EC 04008	SHROUD UPPER	1	
02	156 EC 04016	SHROUD LOWER	1	
03	CFS01 30816	SCREW	12	
04	CFW05 08023	WASHER	12	
05	155 EC 03013	GUARD	1	
06	CFS01 30816	SCREW	3	
07	CFW05 08023	WASHER	3	
08	155 EC 61804	HOSE	1	
09	CCC01 09020	CLAMP	2	
10	CHR01 00305	HOSE	1	
11	CCC01 02006	CLAMP	2	
12	155 EC 02066	ELBOW	1	
13	155 EC 03021	TUBE	1	
14	155 EC 03005	PLUG	1	
15	CHS01 01007	O RING	1	
16	CHS01 02055	O RING	1	
17	CFS01 30825	SCREW	2	
18	CFW05 08023	WASHER	2	
19	155 EC 61091	HOSE	1	
20	CCC01 00902	CLAMP	1	
21	155 EC 61861	HOSE	1	
22	CCC01 07020	CLAMP	2	
23	155 EC 02033	CLAMP	1	
24	155 EC 02041	BRACKET	1	
25	CFS01 31225	SCREW	2	
26	CFW05 12032	WASHER	2	
27	155 EC 02074	TANK RESERVE	1	
28	155 EC 02058	BAND	1	
29	CFN01 20868	NUT	2	
30	CFW05 08023	WASHER	2	
31	155 EC 61731	HOSE	2	
32	155 EC 11721	CLIP	3	
33	CCC06 21814	CLIP	1	
34	CFS01 30816	SCREW	1	
35	CFW05 08023	WASHER	1	
36	CFW05 10032	WASHER	1	
37	155 EC 92082	HOSE	1	
38	CCC01 02507	CLAMP	2	
39	155 EC 12078	PLUG	1	

FIG. 1080 FUEL TANK

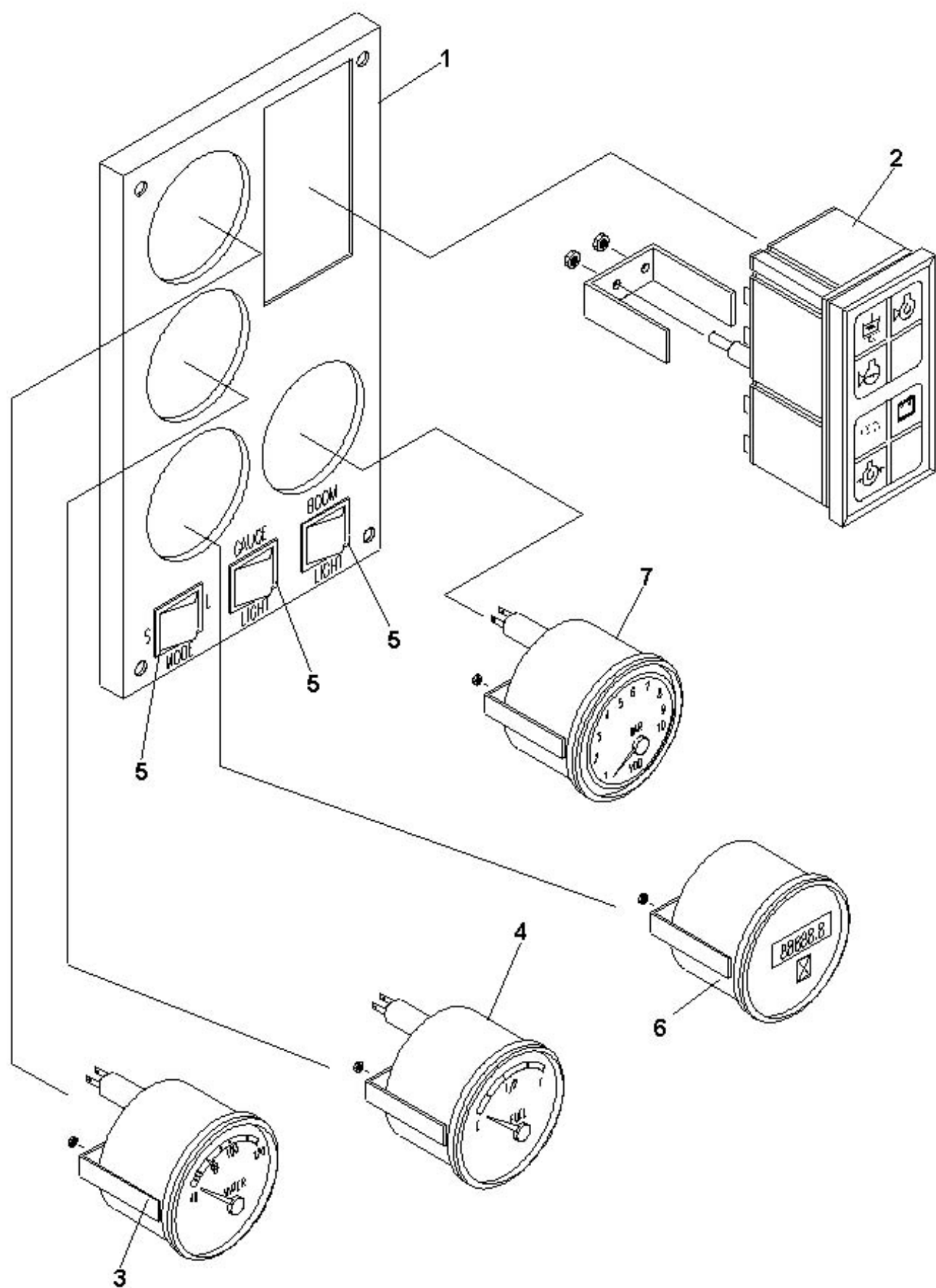


FUEL TANK

FIG NO.1080

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	154 FL 01008	FUEL TANK ASSY	1	
01	154 FL 02004	. TANK	1	
02	CCP04 21200	. CAP	1	
03	CFF01 08420	. STRAINER	1	
04	CHS01 15170	. O RING	1	
05	155 FL 02051	. FLANGE	1	
06	CFW05 12032	. WASHER	6	
07	125 FL 91006	. VALVE	1	
08	CFS01 31635	. SCREW	4	
09	CFW05 16045	. WASHER	4	
10	CCC06 01814	. CLIP	4	
11	CFS01 31220	. SCREW	4	
12	CFW05 12032	. WASHER	4	
13	CFS01 31235	. SCREW	6	
14	155 FL 91371	. HOSE	1	

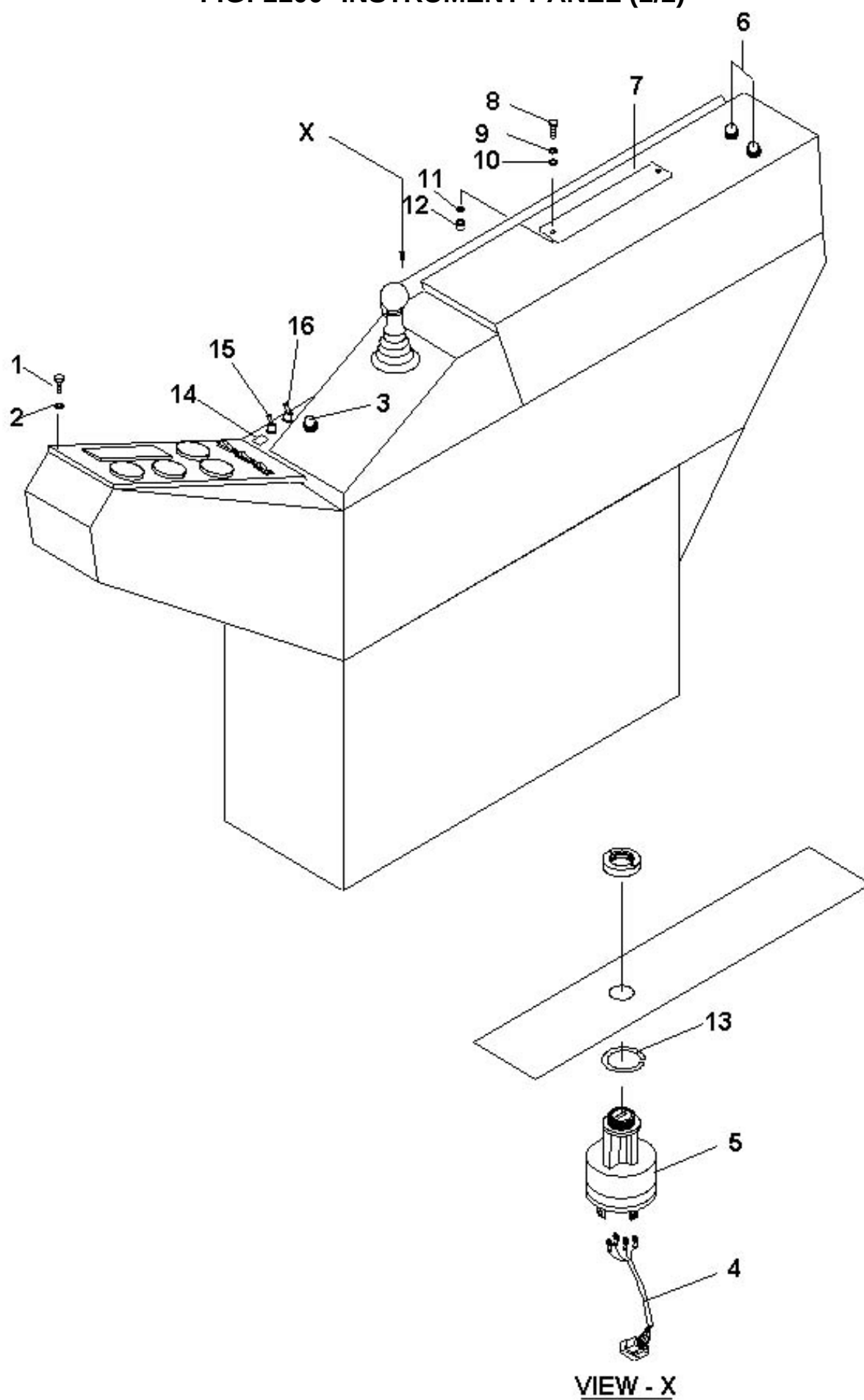
FIG: 1090 MONITOR PANEL AND RELATED PARTS



MONITOR PANEL AND RELATED PARTS
FIG NO.1090

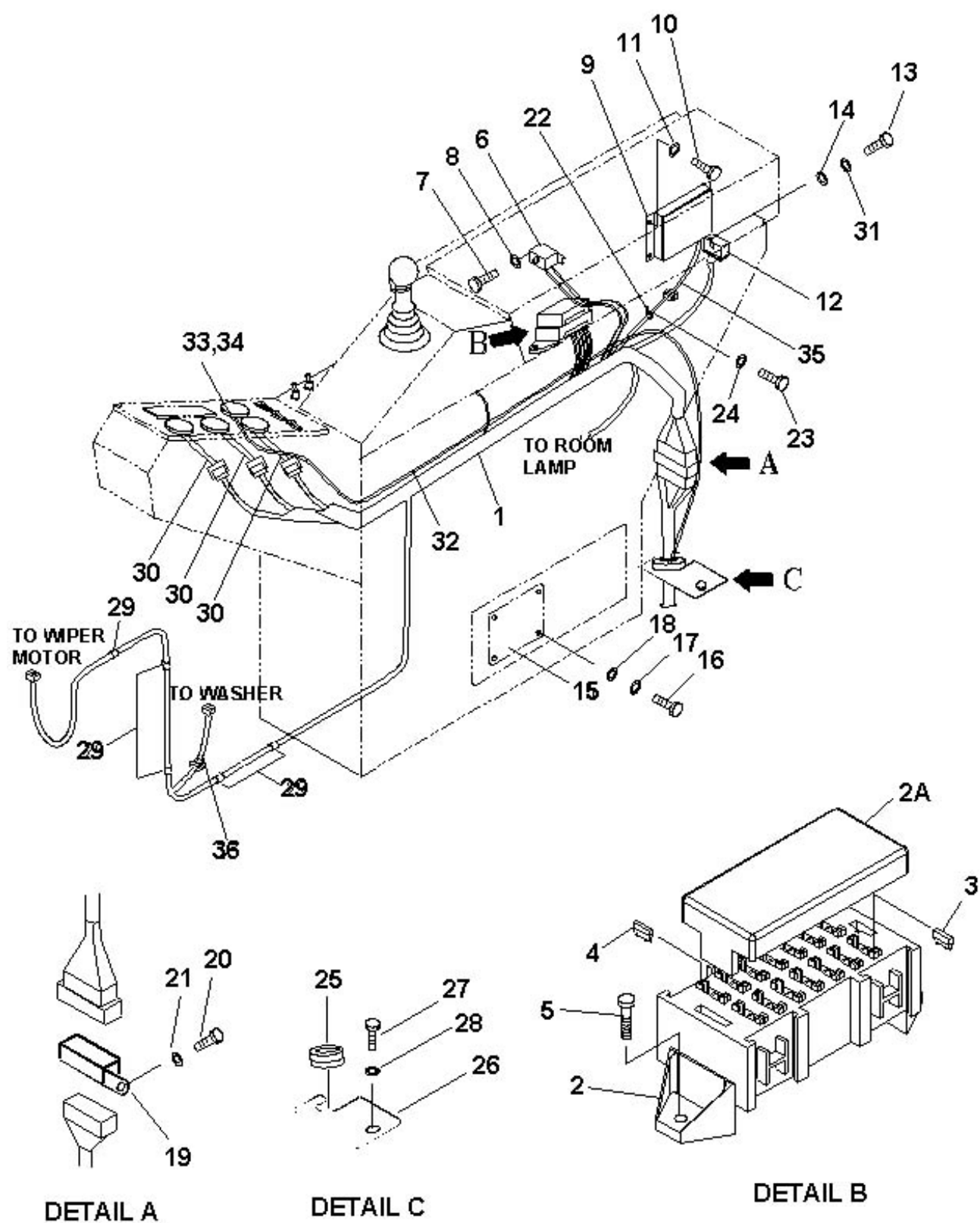
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 IP 11105	PANEL	1	
02	155 IP 81124	WARNING CLUSTER	1	
03	155 IP 81084	TEMP GAUGE	1	
	CEL06 12402	. LAMP, BA9S, 2W	1	
04	155 IP 81068	FUEL GAUGE	1	
	CEL06 12402	. LAMP, BA9S, 2W	1	
05	125 IP 81246	ROCKER SWITCH	3	
06	155 IP 81132	HOUR METER (LCD)	1	
	375 IP 82165	HOUR METER	1	
07	561842000504	ENG OIL PRE GAUGE	1	
	CEL06 12402	. LAMP, BA9S, 2W	1	

FIG: 1100 INSTRUMENT PANEL (1/2)



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	CFS15 10625	SCREW	4	
02	CFW03 10616	WASHER	4	
03	CGR05 01610	CAP	2	
04	155 EW 02006	CABLE ASSY	1	
05	CEK01 20000	KEY SWITCH	1	
06	CGR05 00706	CAP	2	
07	171 EG 11378	PLATE	1	
08	CFS13 10412	SCREW	2	
09	CFW02 10408	WASHER	2	
10	CFW03 10408	WASHER	2	
11	CFW02 10510	WASHER	2	
12	CFN01 20432	NUT	2	
13	155 EG 11919	SPACER	1	
14	156 IP 91029	STICKER	1	
15	474 EG 11094	TOGGLE SWITCH	1	
16	155 EG 82551	TOGGLE SWITCH	1	

FIG: 1110 INSTRUMENT PANEL (2/2)



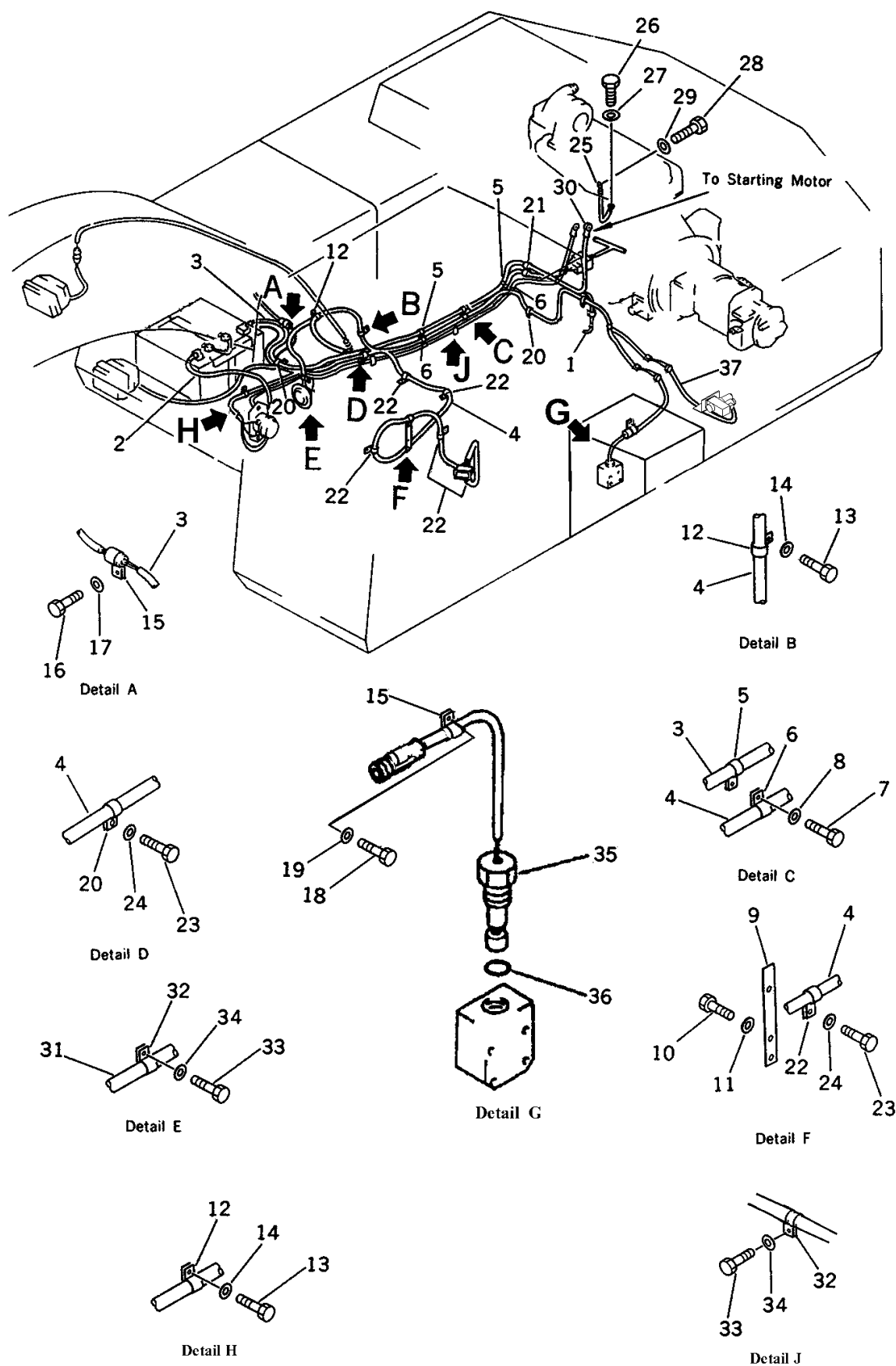
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 EW 02004	WIRE HARNESS	1	
02	125 EG 91753	. FUSE BOX	1	
02A	125 EG 91761	. FUSE BOX COVER	1	
03	CEF02 00150	. FUSE 15A	7	
04	CEF02 00200	. FUSE 20A	2	
05	CFS15 10616	SCREW	2	
06	155 EG 91931	BUZZER	1	
07	CFS15 10412	SCREW	2	
08	CFW02 10408	WASHER	2	
09	155 EG 91826	CONTROLLER	1	
10	CFS01 31016	SCREW	3	
11	CFW05 10032	WASHER	3	
12	155 EG 81928	HORN RELAY	1	
13	CFS15 10616	SCREW	1	
14	CFW05 06023	WASHER	1	
15	171 EG 11264	COVER	1	
16	CFS15 10410	SCREW	4	
17	CFW01 10410	WASHER SPRING	4	
18	CFW03 10408	WASHER	4	
19	155 EG 92303	CLIP	1	
20	CFS01 31220	SCREW	1	
21	CFW05 12032	WASHER	1	
22	CCC06 01414	CLIP	1	
23	CFS01 31220	SCREW	1	
24	CFW05 12032	WASHER	1	
25	155 EG 61904	GROMMET	1	
26	155 EG 11895	COVER	1	
27	CFS01 31025	SCREW	2	
28	CFW05 10032	WASHER	2	
29	155 CC 02419	CLIP	9	
30	125 EW 02225	WIRE HARNESS	4	
31	CFW01 10619	WASHER SPRING	1	
32	155 ZZ 11976	HOSE	1	
33	145200000843	CONNECTOR	1	
34	640000200204	ELBOW	1	
35	155 EG 02369	WIRE HARNESS	1	
36	155 EG 02093	WIRE HARNESS	1	

ELECTRICAL SYSTEM (RELATED PARTS)

FIG NO.1120

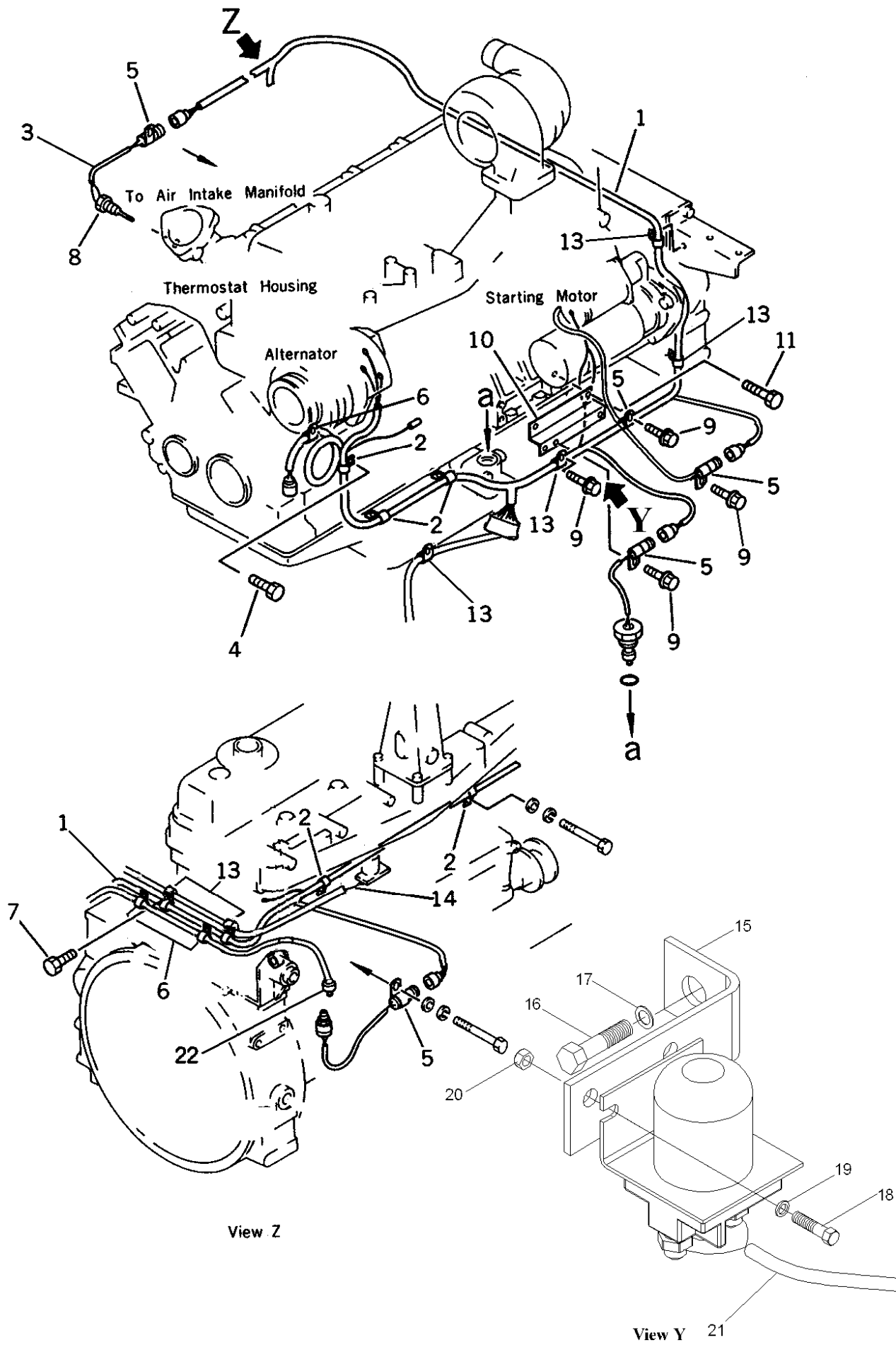
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	CEL11 12412	HEAD LAMP	1	P45t, 75/70
	CEL25 12470	. LAMP, HALOGEN	1	
02	CEH02 24120	HORN	1	
03	CFS01 30810	SCREW	2	
04	CFS01 30820	SCREW	1	
05	CFW05 08023	WASHER	1	
06	CCC06 10810	CLIP	1	
07	CES05 20000	RELAY BATTERY	1	
08	CFS01 30820	SCREW	2	
09	CFW05 08023	WASHER	2	
10	155 EG 82495	FUEL LEVEL SENSOR	1	
11	782 EG 11635	COVER PLATE	1	
12	CFS01 20512	SCREW	5	
13	CFW02 10510	WASHER	5	
14	CFW05 08023	WASHER	2	
15	125 EG 02214	WIRE HARNESS	1	
16	155 EW 02136	WIRE HARNESS	1	
17	CCC06 01214	CLIP	1	
18	CFS01 31225	SCREW	1	
19	CFW05 12032	WASHER	1	
20	155 CC 02419	CLIP	1	

FIG: 1130 ELECTRICAL SYSTEM (WIRING) (1/2)



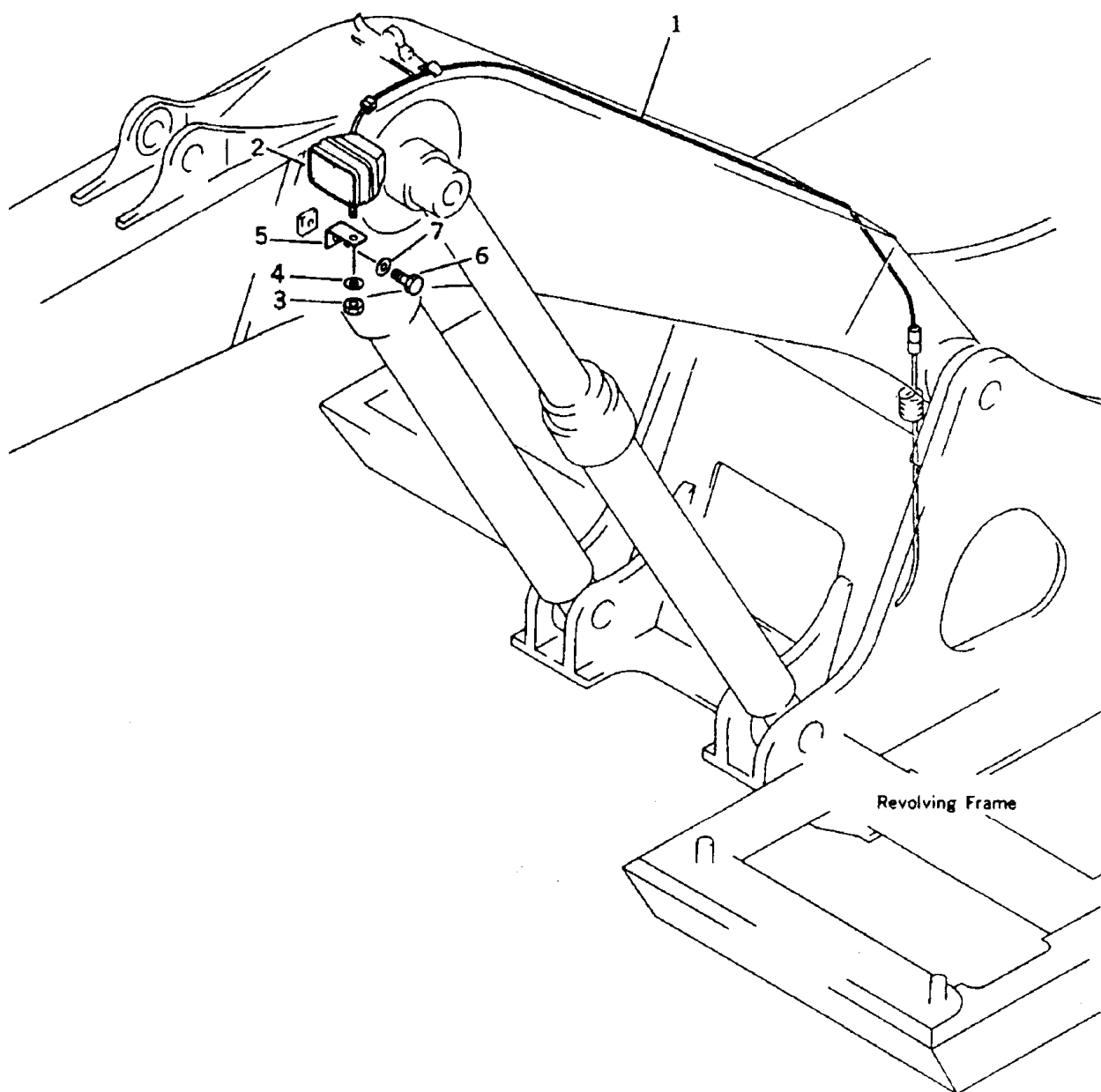
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	175 EG 02047	WIRE HARNESS	1	
02	CEW03 42604	CABLE ASSY	1	
03	CEW03 41630	CABLE ASSY	1	
04	156 EW 02012	WIRE HARNESS	1	
05	CCC06 01814	CLIP	3	
06	CCC06 01814	CLIP	3	
07	CFS01 31225	SCREW	3	
08	CFW05 12032	WASHER	3	
09	155 EG 02028	PLATE	1	
10	CFS01 31225	SCREW	2	
11	CFW05 12032	WASHER	2	
12	CCC06 01214	CLIP	3	
13	CFS01 31225	SCREW	4	
14	CFW05 12032	WASHER	4	
15	CCC06 01814	CLIP	1	
16	CFS01 31016	SCREW	1	
17	CFW05 10032	WASHER	1	
18	CFS01 31225	SCREW	1	
19	CFW05 12032	WASHER	1	
20	CCC06 02514	CLIP	2	
21	CCC06 01814	CLIP	2	
22	CCC06 02514	CLIP	6	
23	CFS01 31225	SCREW	11	
24	CFW05 12032	WASHER	11	
25	CEW03 42604	CABLE ASSY	1	
26	CFS01 31025	SCREW	1	
27	CFW05 10032	WASHER	1	
28	CFS01 30816	SCREW	1	
29	CFW05 08023	WASHER	1	
30	CEC03 00035	CAP	1	
31	CEW03 42630	CABLE ASSY	1	
32	CCC06 01814	CLIP	6	
33	CFS01 31225	SCREW	6	
34	CFW05 12032	WASHER	6	
35	156 EG 81001	LEVEL SWITCH	1	
36	CHS03 13634	O RING	1	
37	156 EW 02053	WIRE HARNESS	1	

FIG: 1140 ELECTRICAL SYSTEM (WIRING) (2/2)



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 EW 02029	WIRE HARNESS	1	
02	CCC06 01814	CLIP	7	
03	156 EG 02091	WIRE HARNESS	1	
04	ZFB46 11020	BOLT	1	
05	CCC12 01711	CLIP	4	
06	CCC06 01214	CLIP	3	
07	ZFB46 11220	BOLT	2	
08	125 EG 81441	TEMPERATURE SENSOR	1	
09	ZFB46 10812	BOLT	4	
10	155 EG 12526	PLATE	1	
11	ZFB46 11220	BOLT	2	
12	CCC10 00414	BAND	2	
13	CCC06 01814	CLIP	7	
14	156 EW 02037	WIRE HARNESS	1	
15	761 EG 12185	PLATE	1	
16	CFS01 31016	SCREW	1	
17	CFW05 10032	WASHER	1	
18	CFS02 10412	SCREW	2	
19	CFW01 10410	SPRING WASHR	2	
20	CFN01 10432	NUT	2	
21	155 EW 02096	WIRE HARNESS	1	
22	640000200204	ELBOW	1	

FIG: 1150 ELECTRICAL SYSTEM (WIRING) (ATTACHMENT SIDE)

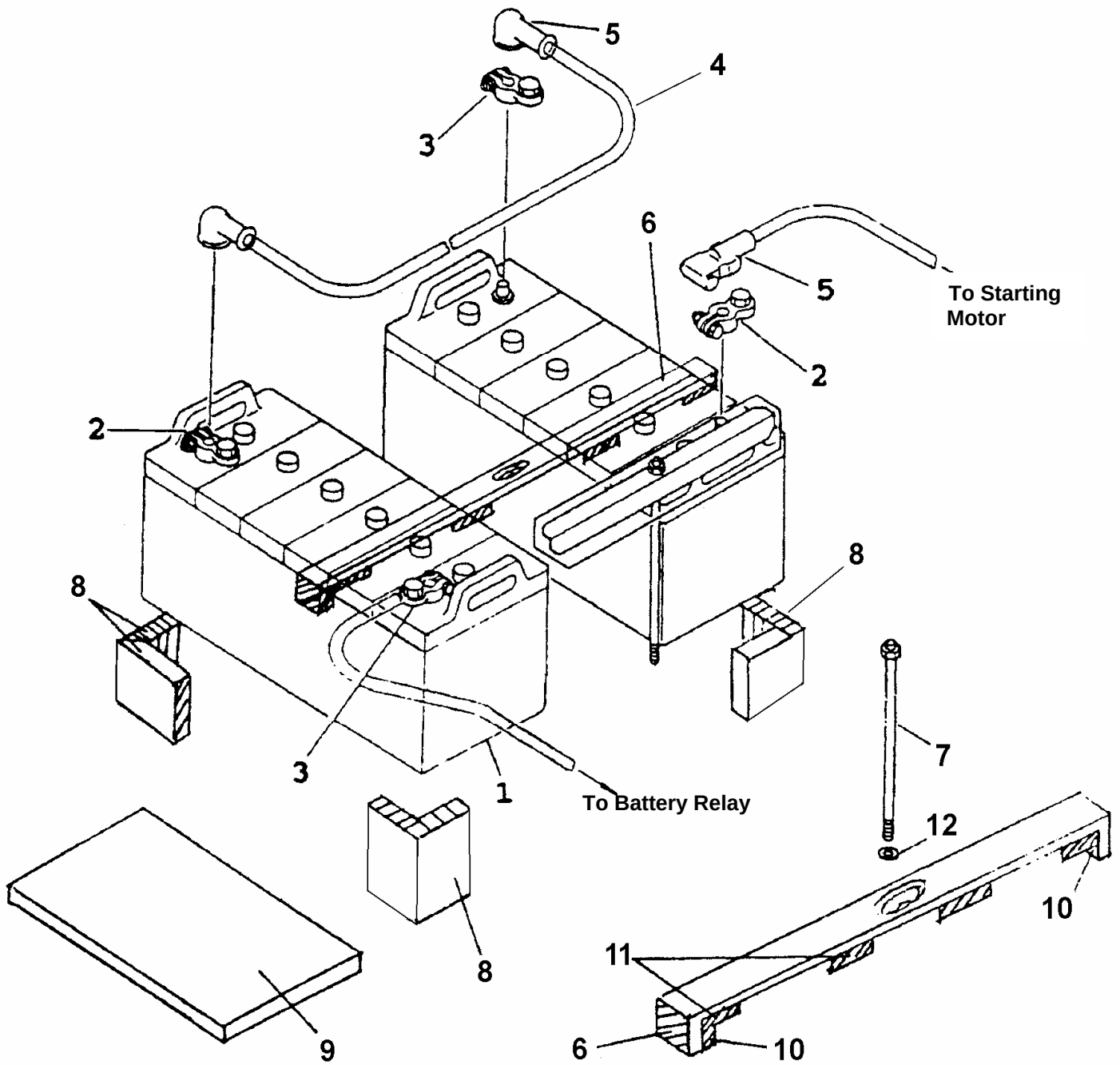


ELECTRICAL SYSTEM (WIRING) (ATTACHMENT SIDE)

FIG NO.1150

[illegible]

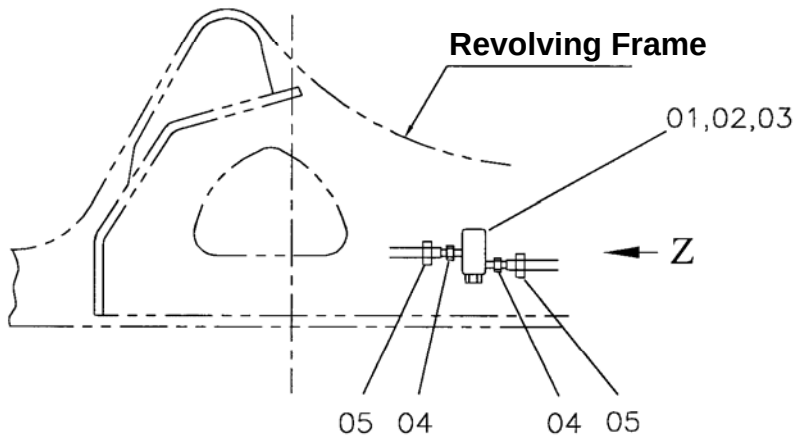
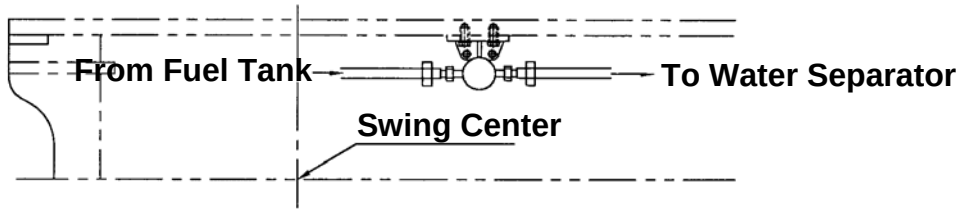
FIG. 1160 BATTERY



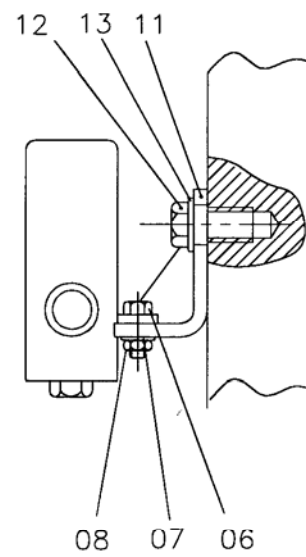
BATTERY**FIG NO.1160**

ITEM	PART NUMBER		NAME OF PART	QTY	REMARKS
01	CEB01	11120	BATTERY	2	
02	CET04	01175	TERMINAL +VE	2	
03	CET04	02160	TERMINAL -VE	2	
04	CEW03	42603	CABLE ASSY	1	
05	CEC03	22511	CAP	4	
06	156 EG	10004	CLAMP	2	
07	156 EG	10012	BOLT	2	
08	156 EG	60006	RUBBER PAD	8	
09	156 EG	60014	RUBBER PAD	2	
10	156 EG	60022	RUBBER PAD	4	
11	156 EG	60039	RUBBER PAD	8	
12	CFW01	11236	SPRING WASHER	2	

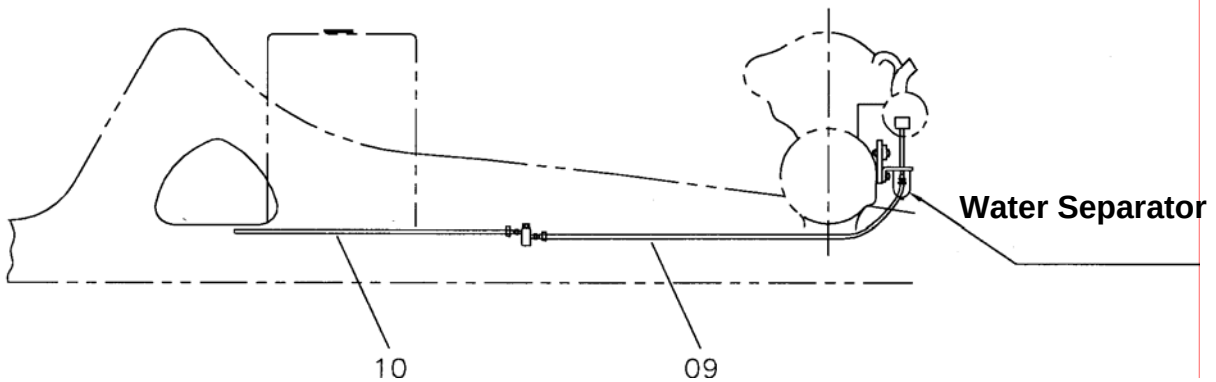
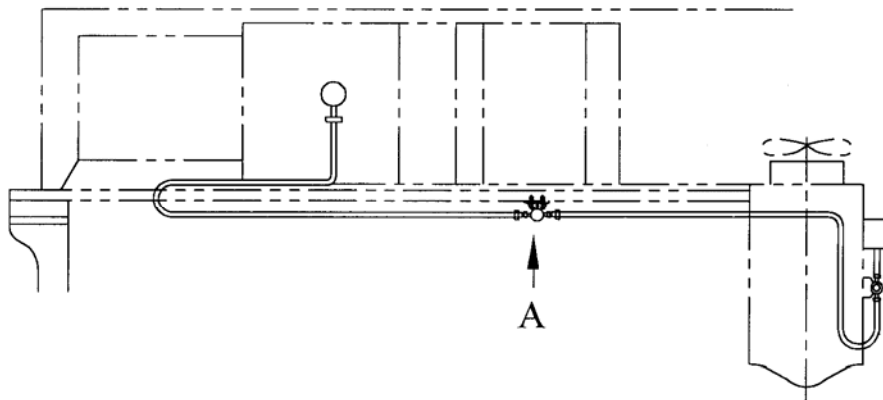
FIG: 1170 FUEL STRAINER



View A



View Z



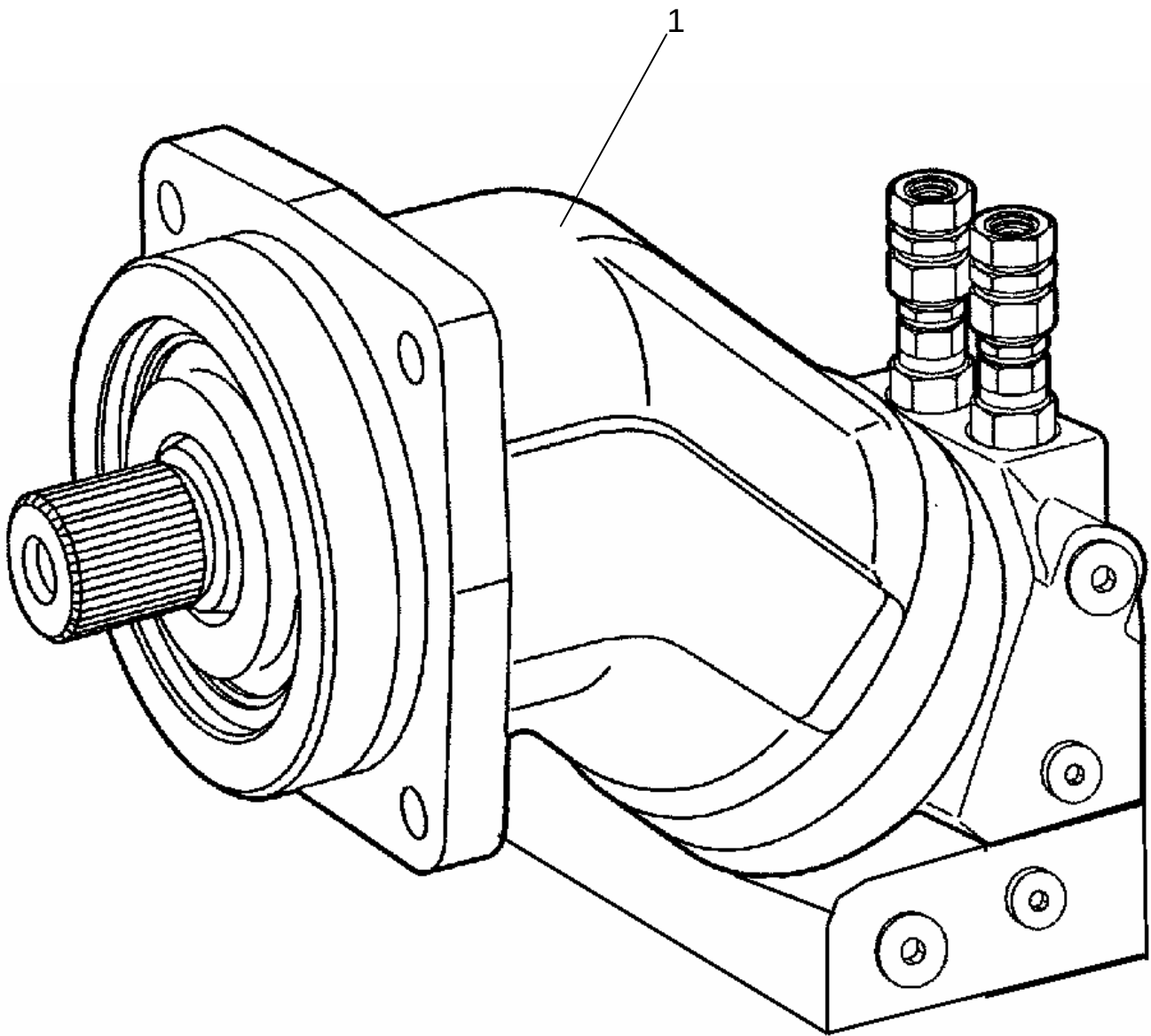
FUEL STRAINER**FIG NO.1170**

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	116 FLB 0034	FUEL STRANER ASSY	1	
01	520200030001	. CASE STRAINER	1	
02	125 FL 02002	. STRAINER	1	
03	CHS01 13040	. O RING	1	
04	720203010000	END FITTING	2	
05	CCC01 02006	CLAMP	2	
06	CFS01 30825	SCREW	2	
07	CFW01 10825	WASHER SPRING	2	
08	CFN01 10868	NUT	2	
09	155 FL 91355	HOSE	1	
10	155 FL 91347	HOSE	1	
11	155 RF 04009	BRACKET	1	
12	CFS0121230	SCREW	2	
13	CFW0111236	WASHER SPRING	2	

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II. TRAVEL AND FINAL DRIVE

FIG: 2000 TRAVEL MOTOR

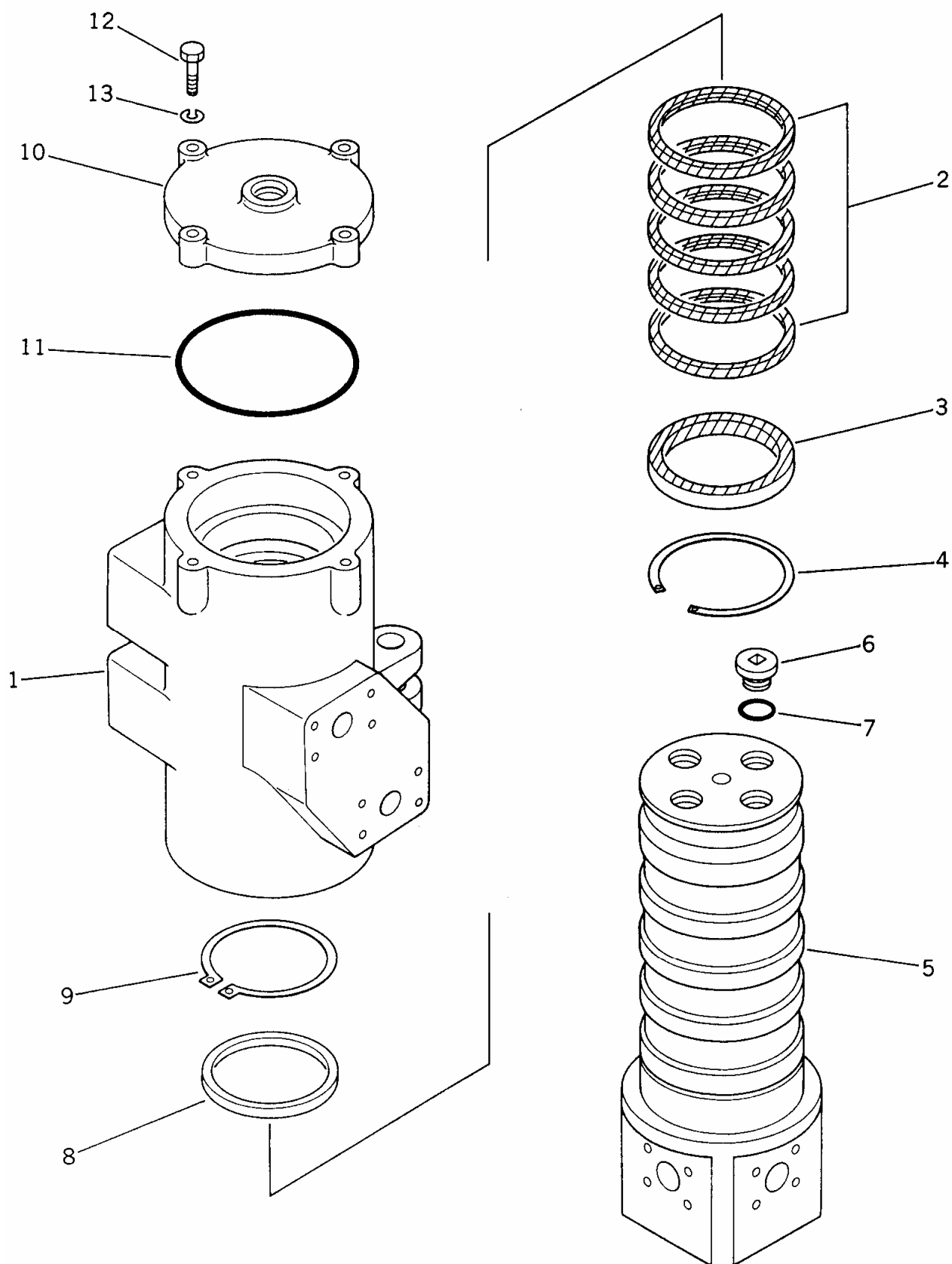


TRAVEL MOTOR

FIG NO.2000

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 HM 91327	TRAVEL MOTOR ASSY.	2	R902101635

FIG: 2080 SWIVEL JOINT

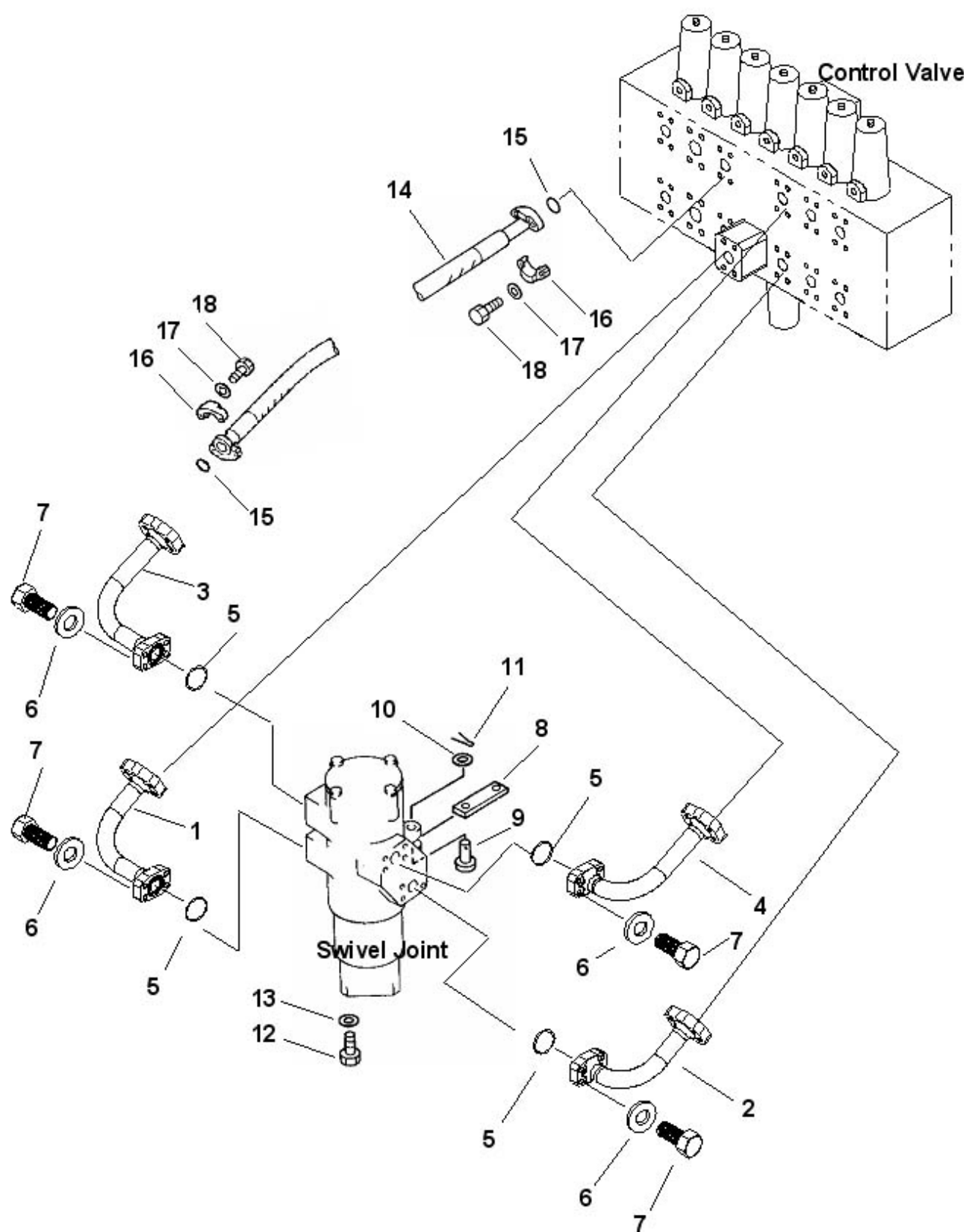


SWIVEL JOINT

FIG NO.2080

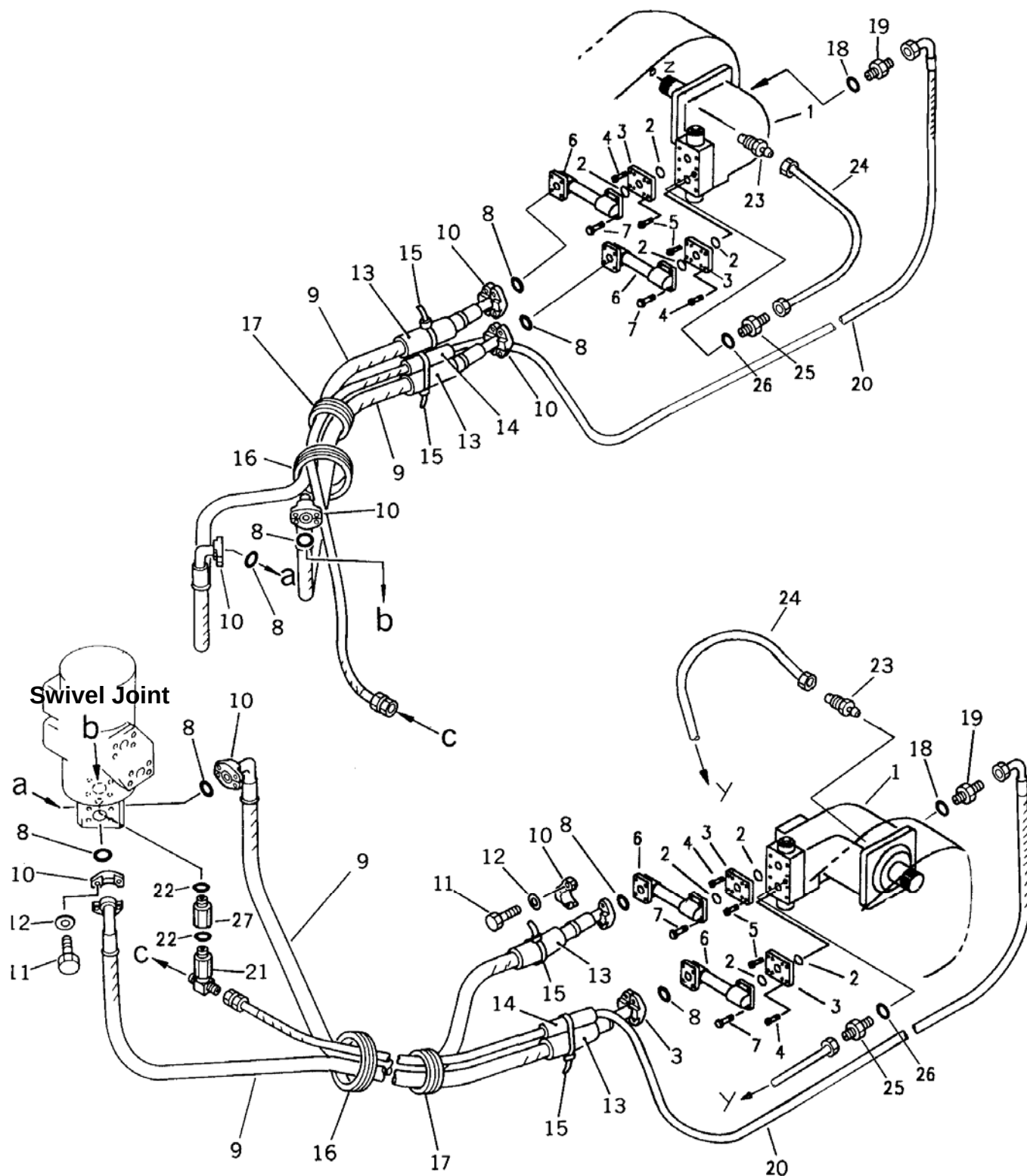
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	155 HS 01012	SWIVEL JOINT ASSY	1	
01	155 HS 42559	. ROTOR SWIVEL	1	
02	155 HS 62622	. SEAL SLIPPER	5	K4
03	155 HS 92617	. SEAL OIL	1	K4
04	CFL06 10110	. RING SNAP	1	K4
05	155 HS 52579	. SHAFT SWIVEL	1	
06	CPL06 12414	. PLUG	4	
07	CHS03 12434	. O RING	4	K4
08	155 HS 12604	. RING	1	
09	CFL01 18530	. RING SNAP	1	K4
10	155 HS 42591	. COVER	1	
11	CHS01 12115	. O RING	1	
12	CFB01 20835	. BOLT	4	
13	CFW01 10825	. WASHER SPRING	4	
	#155 HS 00018	SEAL KIT(K4)	1	

FIG: 2090 HYDRAULIC PIPING (C. VALVE TO/FROM SWIVEL JO)



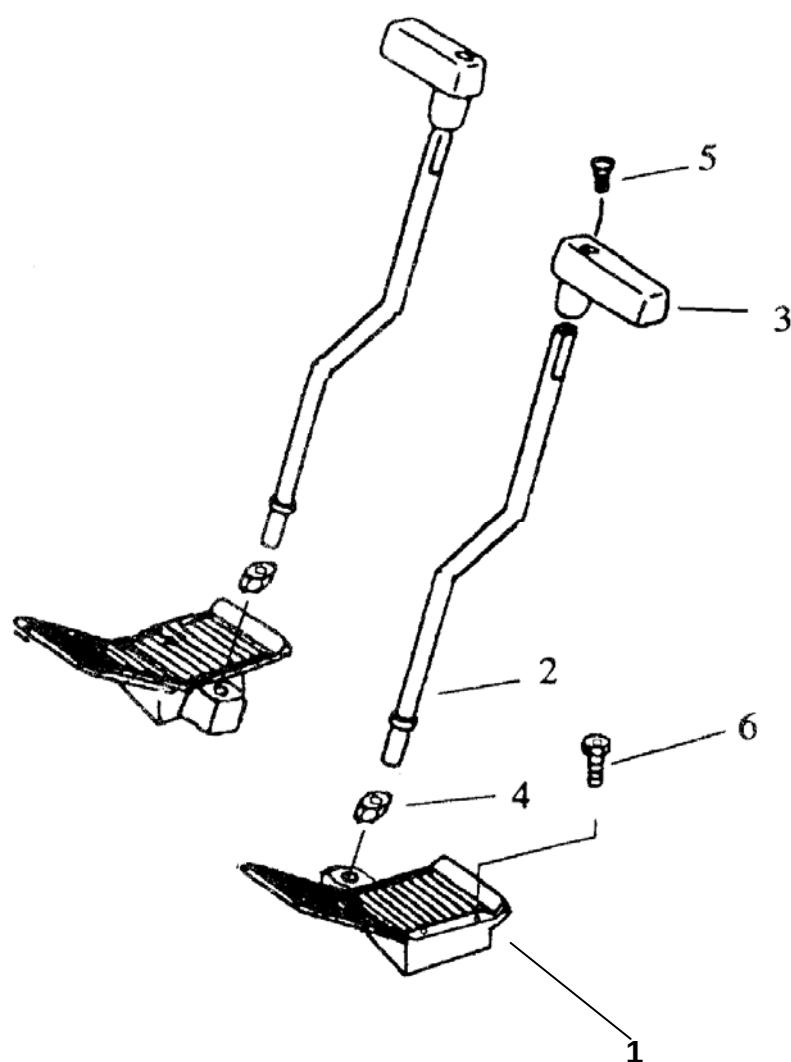
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 PM 02192	TUBE ASSY.	1	
02	156 PM 02208	TUBE ASSY.	1	
03	156 PM 02216	TUBE ASSY.	1	
04	156 PM 02224	TUBE ASSY.	1	
05	155 PH 61927	O-RING	4	
06	CFW05 08023	WASHER	16	
07	CFS01 30830	SCREW	16	
08	155 PH 12005	PLATE	1	
09	155 PH 11958	PIN	1	
10	CFW02 11630	WASHER	2	
11	CFP01 04025	PIN COTTER	2	
12	CFS01 31230	SCREW	4	
13	CFW05 12032	WASHER	4	
14	156 PM 90483	HOSE	4	
15	156 PM 60512	O-RING	8	
16	156 PM 10535	SPLIT FLANGE	16	
17	CFW05 10032	WASHER	32	
18	CFS01 31035	SCREW	32	

FIG: 2100 HYDRAULIC PIPING (SWIVEL JOINT TO/FROM TRAVEL MO)



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 HM 91327	TRAVEL MOTOR ASSY.	2	
02	CHS01 03032	O RING	8	
03	156 PM 10721	BLOCK	4	
04	CFS13 21225	SCREW	4	
05	CFS13 21290	SCREW	12	
06	156 PM 02257	ELBOW ASSY.	4	
07	CFS13 30825	SCREW	16	
08	CHS01 13025	O RING	8	
09	CHH28 01222	HOSE	4	
10	CFG03 12039	SPLIT FLANGE	16	
11	CFS01 30830	SCREW	32	
12	CFW06 08023	WASHER	32	
13	155 PH 02512	COVER	4	
14	135 PH 61008	COVER	2	
15	CCC10 00536	BAND	4	
16	155 PH 73267	GROMMET	2	
17	155 PH 73178	GROMMET	2	
18	CHS04 01824	GASKET	2	
19	156 PH 11883	ADAPTOR	2	
20	155 PH 93914	HOSE	2	
21	155 PH 02489	TEE	1	
22	CHS03 12034	O RING	2	
23	156 PH 12474	ADAPTOR	2	
24	156 PM 90734	HOSE	2	
25	156 PM 10713	ADAPTOR	2	
26	CHS04 11217	GASKET	2	
27	155 PS 11014	ADAPTOR	1	

FIG: 2110 TRAVEL CONTROL LEVER

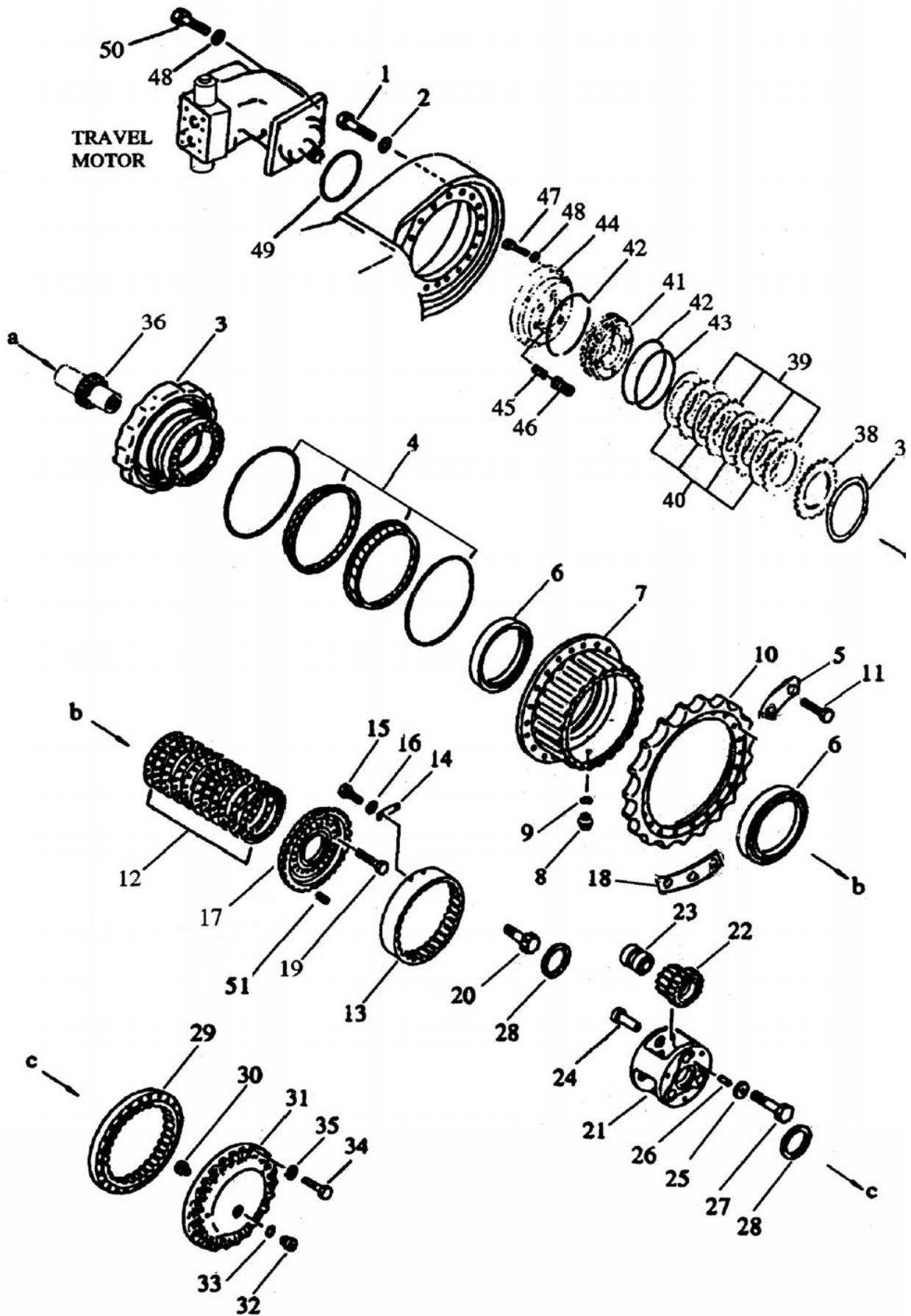


TRAVEL CONTROL LEVER

FIG NO.2110

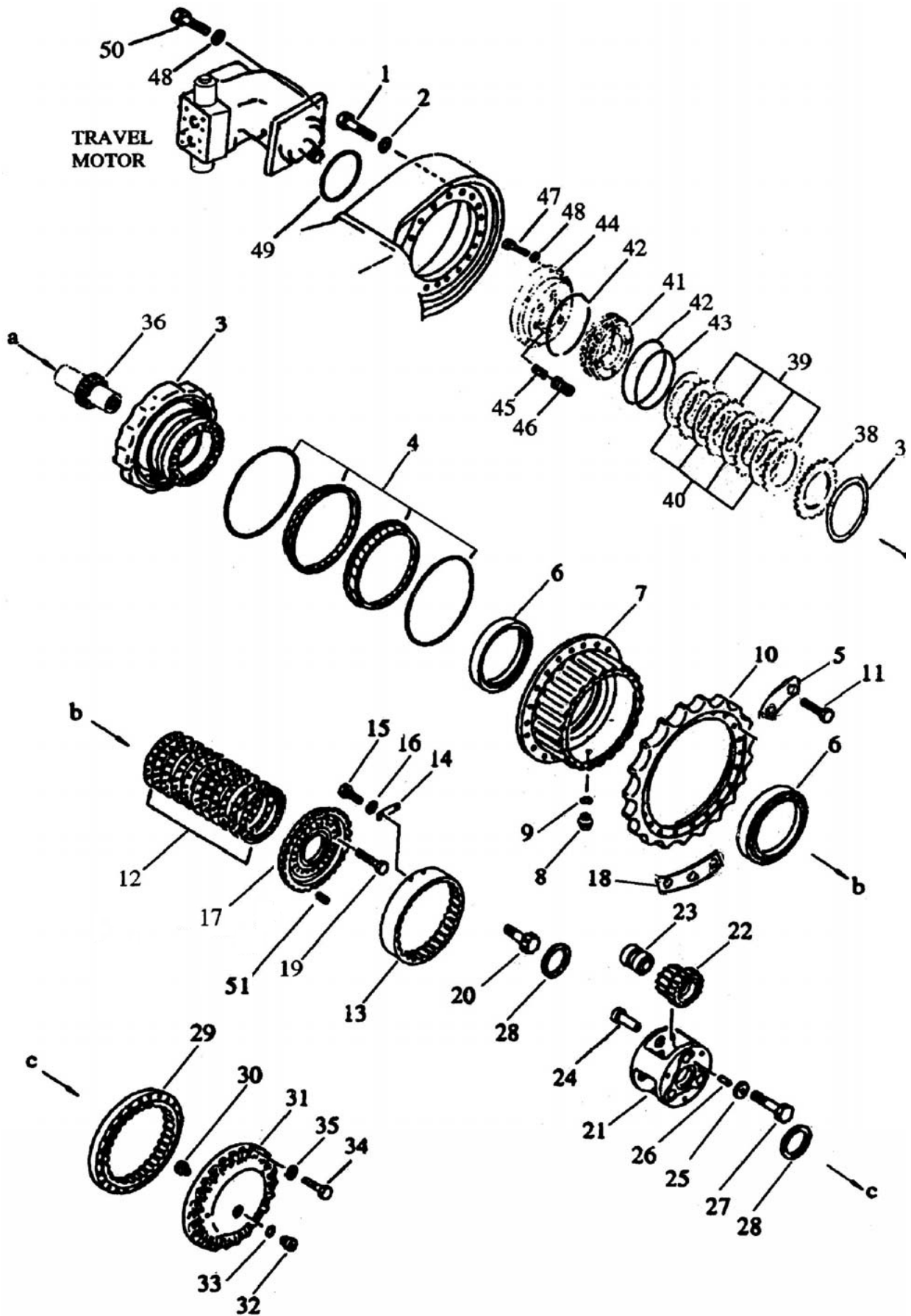
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 PM 91309	FOOT PEDAL	2	
02	782 C0 11094	LEVER	2	
03	155 C0 73984	KNOB	2	
04	CFN20 21207	LOCK NUT	2	
05	155 C0 13881	SCREW	2	
06	CFS13 20816	SCREW	8	

FIG. 2120 FINAL DRIVE WITH PARKING BRAKE



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	CFB01 21670	BOLT	20	
02	CFW05 16045	WASHER	44	
	156 FD 01064	FINAL DRIVE ASSY	2	
03	156 FD 41249	. SHAFT	1	
04	155 FD 02005	. FLOATING SEAL ASSY	1	
05	156 FD 11295	. LOCK PLATE	9	
06	155 FD 91033	. BEARING	2	
07	155 FD 31693	. HUB	1	
08	CPL03 12412	. PLUG(MAGNETIC)	1	
09	CHS03 12434	. O RING	1	
10	155 FD 31644	. SPROCKET	1	
11	156 FD 11319	. BOLT	21	
	155 FD 02013	. F/D SPACER KIT	1	
12	*ESH01 24455	.. SPACER 4.55mm	1	
	*ESH01 24460	.. SPACER 4.60mm	1	
	*ESH01 24465	.. SPACER 4.65mm	1	
	*ESH01 24470	.. SPACER 4.70mm	1	
	*ESH01 24475	.. SPACER 4.75mm	1	
	*ESH01 24480	.. SPACER 4.80mm	1	
	*ESH01 24485	.. SPACER 4.85mm	1	
	*ESH01 24490	.. SPACER 4.90mm	1	
	*ESH01 24495	.. SPACER 4.95mm	1	
	*ESH01 24500	.. SPACER 5.00mm	1	
	*ESH01 24505	.. SPACER 5.05mm	1	
	*ESH01 24510	.. SPACER 5.10mm	1	
13	155 FD 51084	. RING GEAR	1	
14	160 FD 11319	. PLATE	6	
15	CFS01 30820	. SCREW	12	
16	CFW06 08023	. WASHER	12	
17	156 FD 51211	GEAR	1	
18	156 FD 11302	. LOCK PLATE	1	
19	156 FD 11205	. BOLT	18	
20	155 FD 51173	. GEAR	1	
21	156 FD 41224	. CARRIER	1	
	155 FD 02021	. F/D PLANTRY.GEAR SET	1	
22	*155 FD 51181	.. GEAR	3	
23	155 FD 91099	. BEARING	3	
24	156 FD 11238	. PIN	3	
25	155 FD 11126	. COLLAR	3	
26	CFP04 00616	. PIN DOWEL	3	
27	CFB07 21465	. BOLT	3	

FIG. 2120 FINAL DRIVE WITH PARKING BRAKE



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
28	155 FD 71107	. SPACER	2	
29	155 FD 51198	. RING GEAR	1	
30	155 FD 11027	. BUTTON	1	
31	155 FD 41486	. COVER	1	
32	CPL06 12414	. PLUG	1	
33	CHS03 12434	. O RING	1	
34	CFB01 21685	. BOLT	24	
35	CFW05 16045	WASHER	24	
36	156 FD 51033	SLEEVE	1	
37	375 TM 12719	SNAP RING	1	
38	156 FD 11043	END PLATE	1	
39	375 TM 12792	PLATE, SEPARATE	4	
40	375 TM 03103	DISC	4	
41	156 FD 41102	BRAKE, PISTON	1	
42	CHS01 05180	O-RING	2	
43	CHS01 05165	O-RING	1	
44	156 FD 41127	SPACER	1	
45	156 FD 11068	SPRING (INNER)	6	
46	156 FD 11051	SPRING (OUTER)	6	
47	CFB01 21250	BOLT	4	
48	CFW02 11225	WASHER	8	
49	CHS01 05140	O-RING	1	
50	CFS01 31240	SCREW	4	
51	CFP04 01842	DOWEL PIN	2	

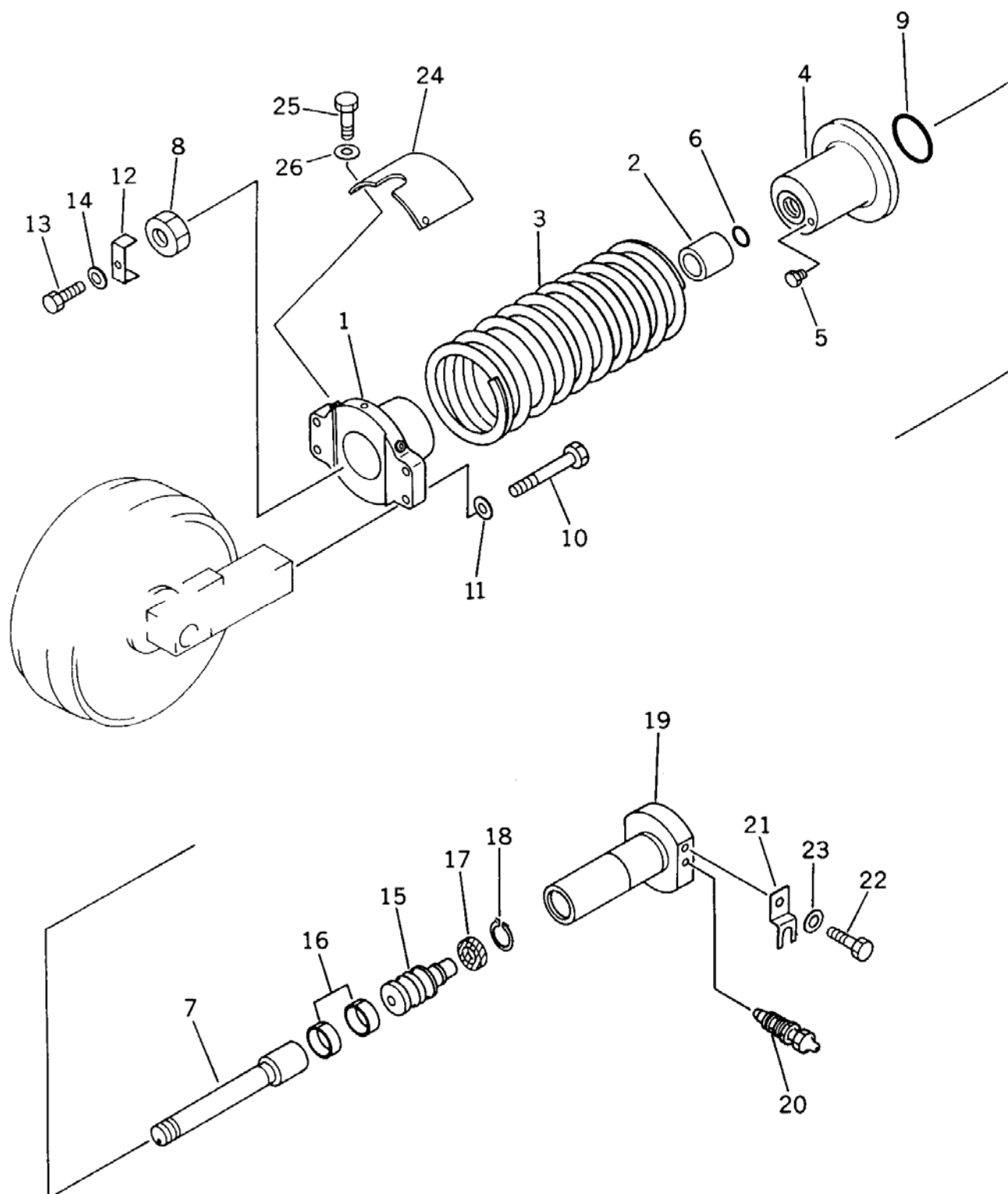
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III. UNDER CARRIAGE

[illegible]

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	154 TF 02005	FRAME	1	
02	155 TF 11692	COVER	1	
03	155 TF 61701	GASKET	1	
04	CFS01 31225	SCREW	2	
05	CFW05 12032	WASHER	2	
06	155 TF 02109	GUARD	2	
07	CFS01 22050	SCREW	8	
08	CFW05 20060	WASHER	8	
09	155 TF 11749	COVER	2	
10	CFW05 12032	WASHER	12	
11	CFS01 31230	SCREW	12	

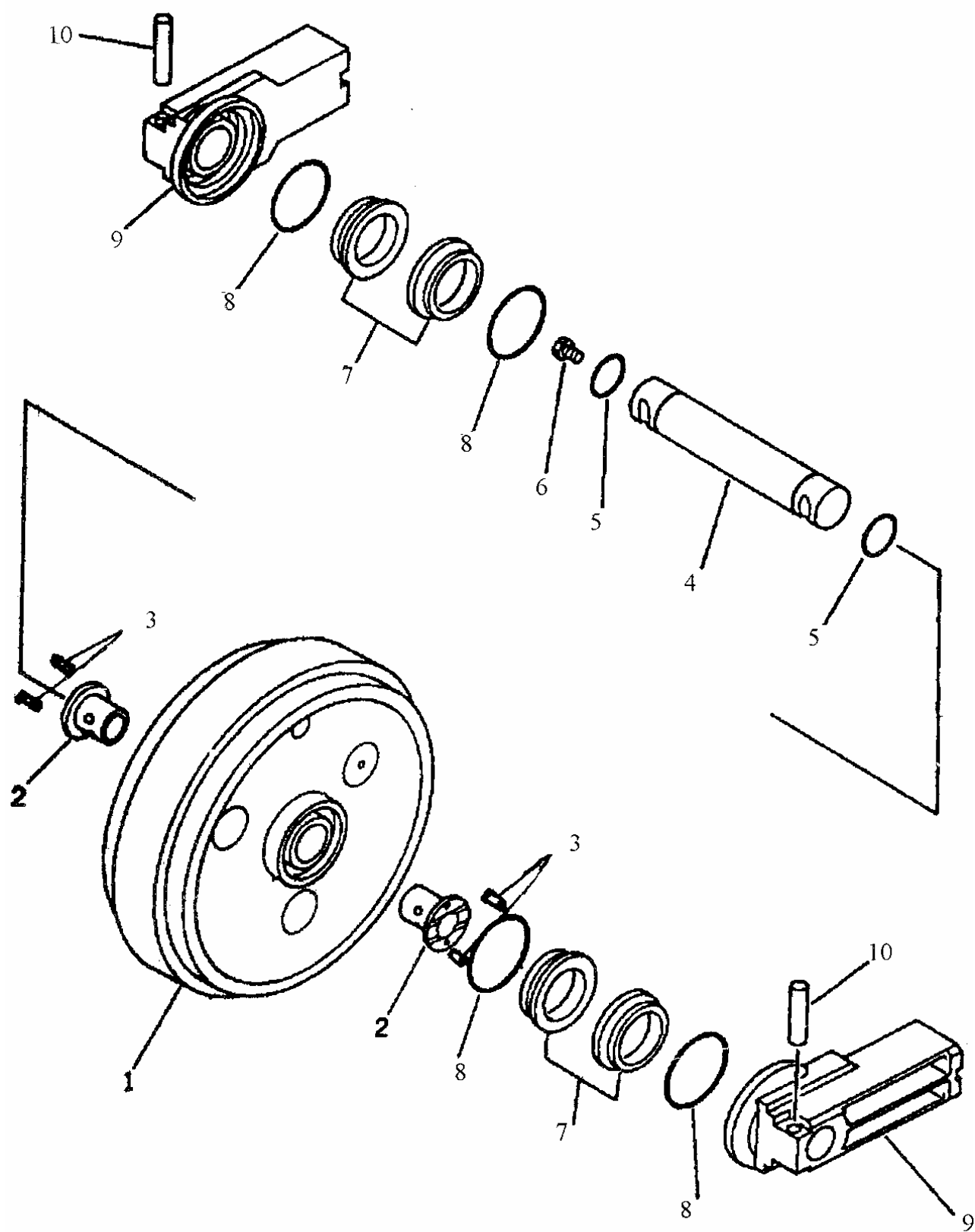
FIG: 3010 RECOIL SPRING



RECOIL SPRING
FIG NO.3010

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	155 TFB 0034	RECOIL SPRING ASSY.	2	
01	155 TF 41605	. YOKE	1	
02	155 TF 11627	. SPACER	1	
03	BSP01 46193	. SPRING RECOIL	1	
04	155 TF 41598	. YOKE	1	
05	CLN02 00000	. VALVE	1	
06	CHS01 12055	. O RING	1	
07	155 TF 11579	. SHAFT	1	
08	155 TF 11676	. NUT	1	
09	CHS01 15105	O RING	2	
10	CFB01 21670	BOLT	8	
11	CFW05 16045	WASHER	8	
12	155 TF 11619	LOCK	2	
13	CFS01 31225	SCREW	2	
14	CFW05 12032	WASHER	2	
15	155 TF 41581	PISTON	2	
16	CGR03 00720	RING WEAR	4	
17	CHS12 00070	U-PACKING	2	
18	CFL01 14518	RING SNAP	2	
19	155 TF 02011	CYLINDER	2	
20	CVL01 20000	VALVE LUBRICATION	2	
21	155 TF 11732	PLATE STOPPER	2	
22	CFS01 31225	SCREW	2	
23	CFW05 12032	WASHER	2	
24	155 TF 11643	COVER	2	
25	CFS01 31225	SCREW	4	
26	CFW05 12032	WASHER	4	

FIG: 3020 FRONT IDLER

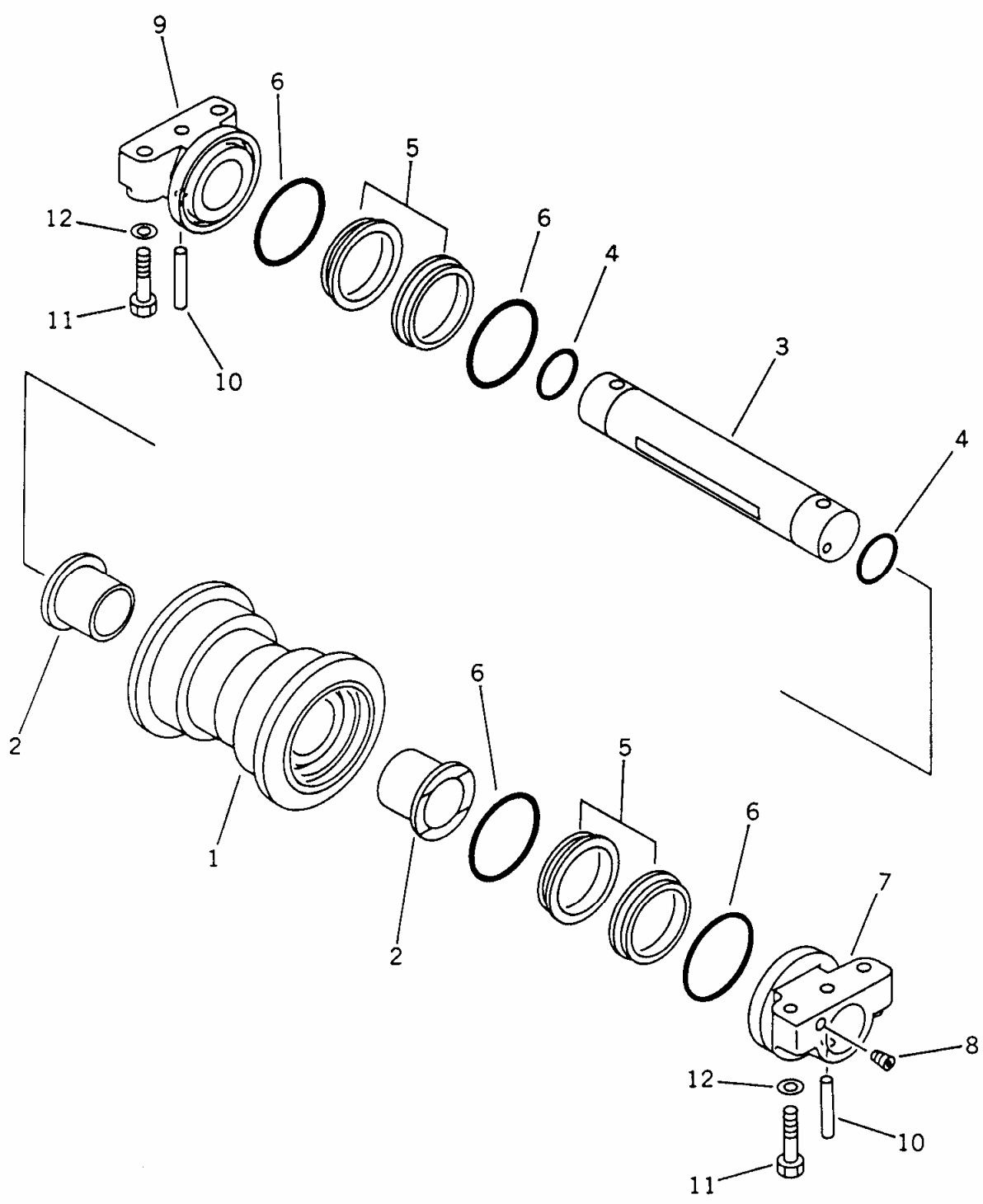


FRONT IDLER

FIG NO.3020

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	155 TF 02052	FRONT IDLER ASSY	2	
	155 TF 02133	. IDLER ASSY	1	
01	155 TF 03057	.. IDLER	1	
02	155 TF 92709	.. BUSHING	2	
03	171 TF 11629	.. PIN	4	
04	155 TF 12056	. SHAFT	1	
05	CHS01 12060	. O RING	2	
06	BPL04 11624	. PLUG	1	
	130 TF 00106	. FLOATING SEAL ASSY.	2	
	130 TF 00114	.. SEAL RING ASSY	1	
07	*135 TF 41765	... RING SEAL	2	
	130 TF 00122	.. O RING ASSY	1	
08	*135 TF 61789	... O RING	2	
09	155 TF 42115	. SUPPORT	2	
10	155 TF 12729	. PIN DOWEL	2	

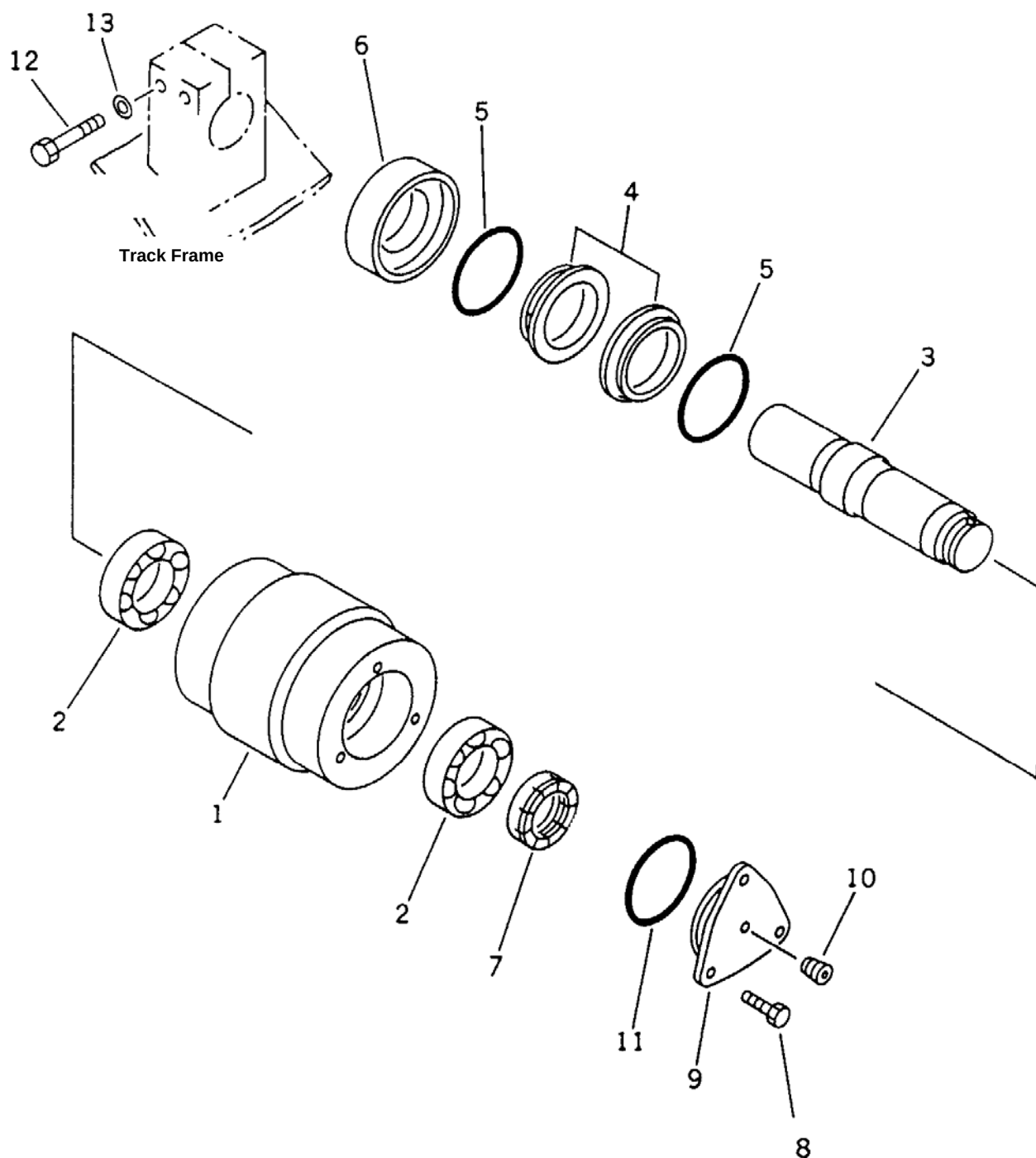
FIG. 3031 TRACK ROLLER



TRACK ROLLER
FIG NO.3031

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	155 TF 02069	TRACK ROLLER ASSY.	16	
01	155 TF 03073	. ROLLER TRACK	1	
02	155 TF 92255	. BUSHING	2	
03	155 TF 12178	. SHAFT	1	
04	155 TF 62017	. O-RING	2	
	155 TFB 0042	. FLOATING SEAL ASSY.	2	
	155 TFB 0059	.. SEAL RING ASSY.	1	
05	*155 TF 42245	... RING SEAL	2	
	155 TFB 0067	.. O-RING ASSY.	1	
06	*155 TF 62236	... O-RING	2	
07	155 TF 42197	. COLLAR R.H.	1	
08	155 TF 12267	. PLUG	1	
09	155 TF 42204	. COLLAR L.H	1	
10	155 TF 12226	. PIN DOWEL	2	
11	CFB01 21685	BOLT	64	
12	CFW05 16045	WASHER	64	

FIG: 3040 CARRIER ROLLER

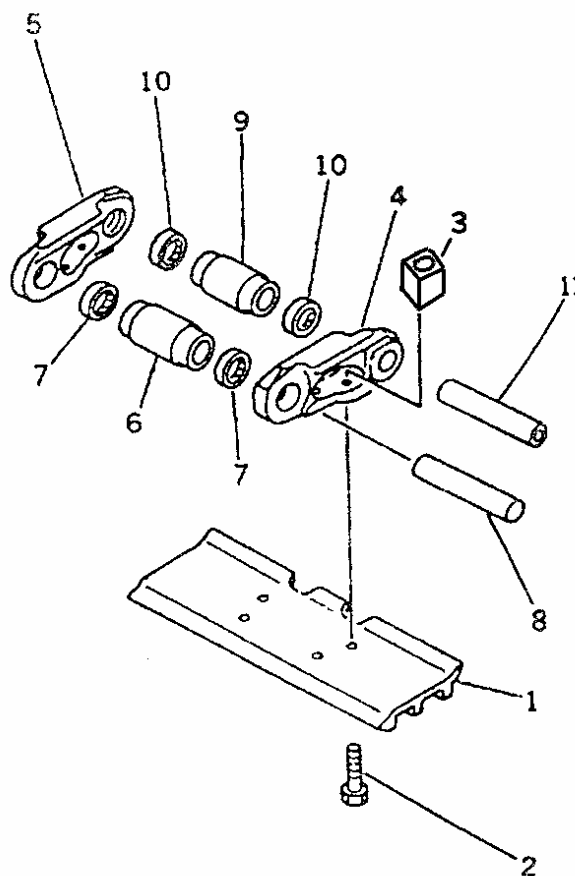
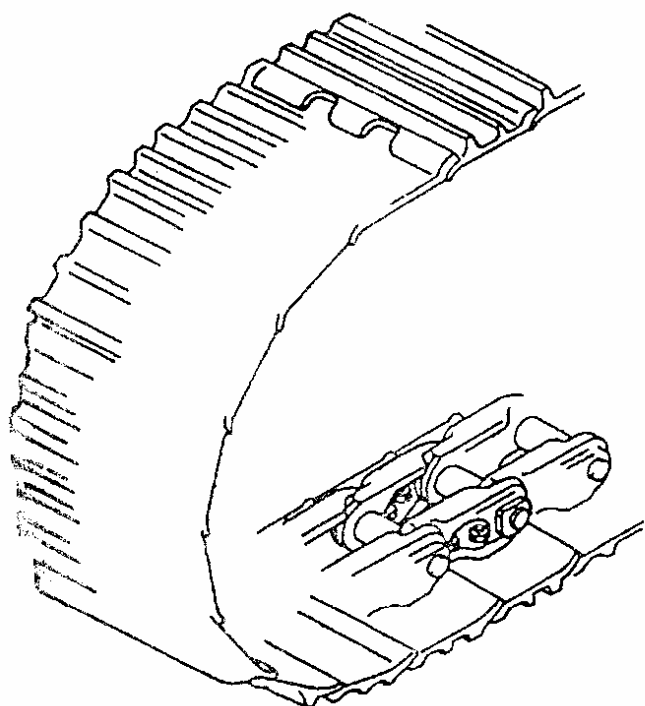


CARRIER ROLLER

FIG NO.3040

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	155 TF 02077	CARRIER ROLLER ASSY	4	
01	155 TF 32282	. ROLLER	1	
02	CBT02 32010	. BEARING	2	
03	155 TF 12356	. SHAFT	1	
	155 TFB 0075	. FLOATING SEAL ASSY	1	
	155 TFB 0083	.. SEAL RING ASSY	1	
04	*155 TF 42326	... RING SEAL	2	
	155 TFB 0091	.. O RING ASSY	1	
05	*155 TF 62211	... O RING	2	
06	155 TF 52346	. RING	1	
07	113 TF 12402	. NUT	1	
08	CFS01 31025	. SCREW	3	
09	155 TF 42318	. COVER	1	
10	155 TF 12267	. PLUG	1	
11	CHS01 12075	. O RING	1	
12	CFB01 21680	BOLT	8	
13	CFW05 16045	WASHER	8	

FIG: 3050 TRACK SHOE



TRACK SHOE
FIG NO.3050

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	155 CT 01014	TRACK SHOE ASSY	2	
01	155 CT 11229	.SHOE TRACK	47	
02	BFB34 11858	.BOLT SHOE	188	
03	BFN27 11824	.NUT SHOE	188	
	763 TF 02015	.TRACK LINK ASSY	1	
04	155 CT 51243	..LINK TRACK L.H	47	
05	155 CT 51268	..LINK TRACK R.H	47	
06	155 CT 11034	..BUSHING REGULAR	45	
07	155 CT 61069	..SEAL DUST REG	90	
08	155 CT 11083	..PIN REGULAR	45	
09	155 CT 11042	..BUSHING MASTER	2	
10	110 CT 61072	..SEAL DUST MASTER	4	
11	155 CT 11091	..PIN MASTER	2	

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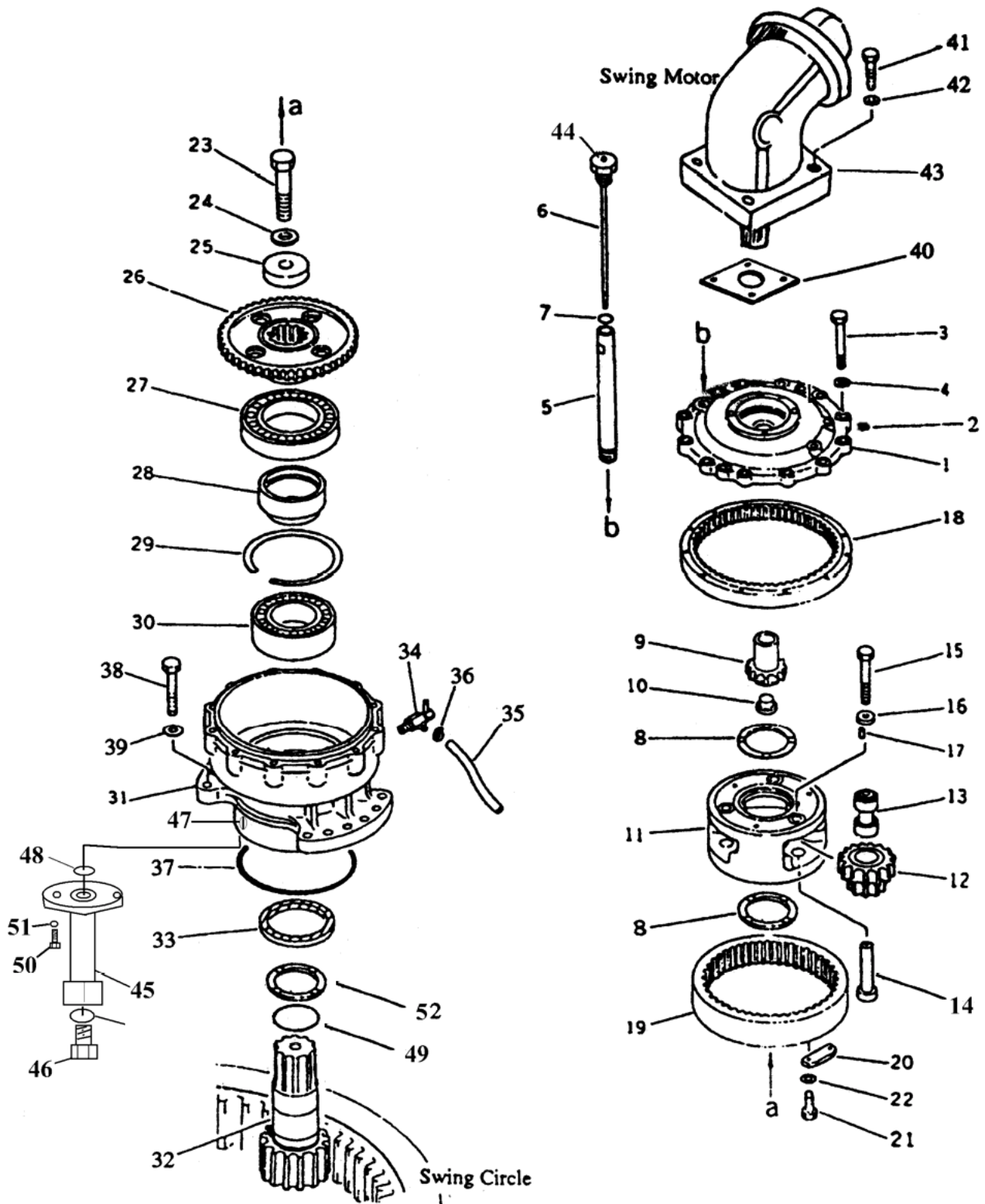
IV. SWING AND CONTROL SYSTEM

This diagram shows an exploded view of a circular track assembly. The central component is a circular track (1) with a gear-like inner rim (15) and a flange (2). It is surrounded by a circular frame (3) with a grid-like pattern. Various fasteners and connectors are shown, including bolts (4, 5, 8, 10, 11, 13), washers (6, 7, 9, 12), and a central pin (12). A label 'a' points to a specific location on the track. Below the main assembly, a detailed view of the 'Track Frame' is shown, highlighting its structural components and mounting points. The label 'a' is also present in this view, pointing to a specific feature. The label 'Track Frame' is written in bold text.

SWING CIRCLE
FIG NO.4000

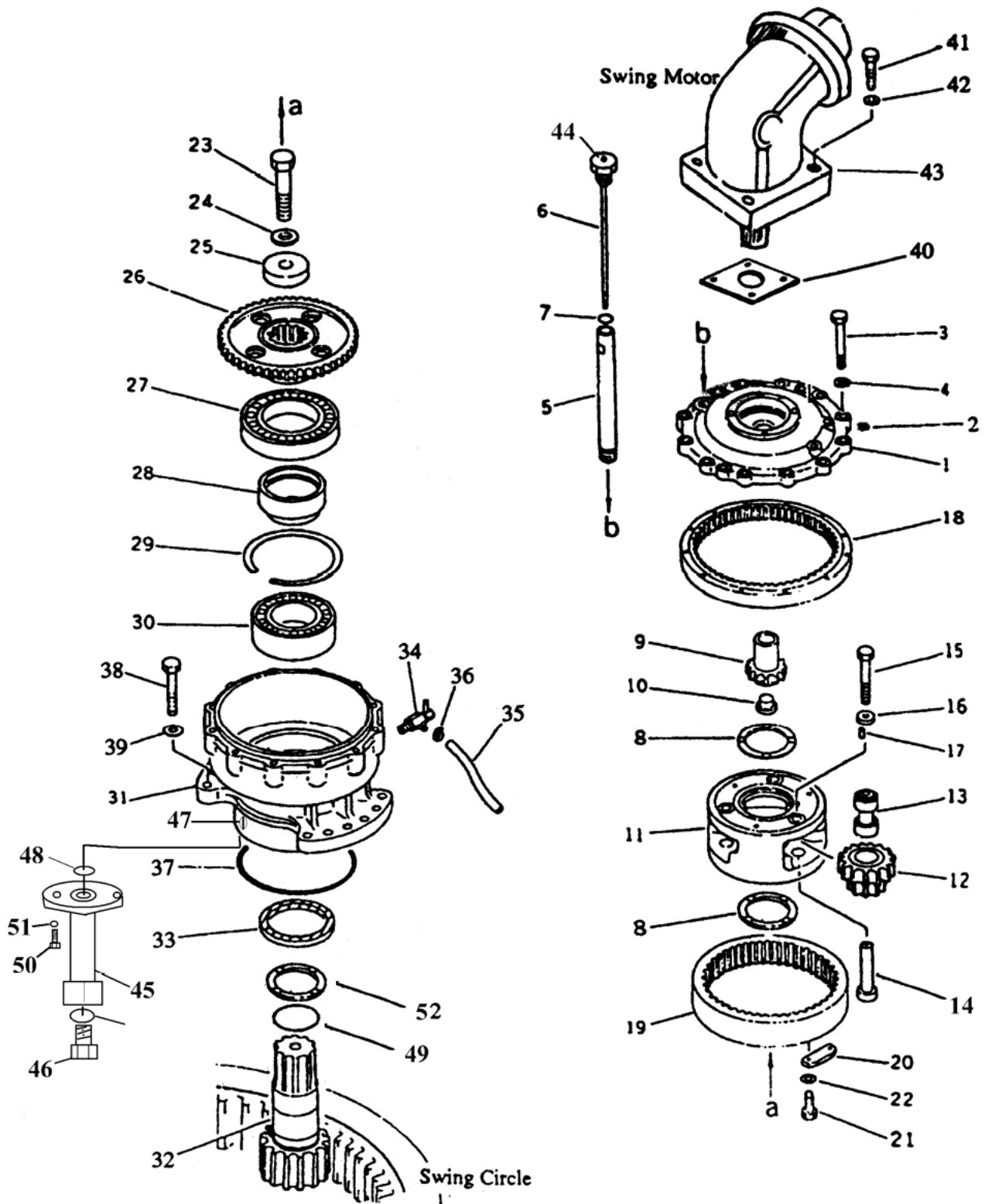
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	155 S0 91743	CIRCLE SWING	1	
02	155 S0 11066	. NIPPLE	2	
03	155 S0 61076	. SEAL	2	
03	*155 S0B 0024	. SEAL	2	
04	CLN01 10000	FITTING GREASE	3	
05	CPF05 10813	CONNECTOR	2	
06	155 S0 02018	TUBE	1	
07	155 S0 02026	TUBE	1	
08	155 S0 11155	ELBOW	2	
09	CCC06 00814	CLIP	2	
10	CFS01 31016	SCREW	2	
11	CFW05 10032	WASHER	2	
12	CFP04 01842	PIN DOWEL	3	
13	CFB08 22215	BOLT	26	
14	CFW05 22060	WASHER	26	
15	CFB01 22070	BOLT	36	
16	CFW05 20060	WASHER	36	
		* SEAL FOR ROTHERDE		

FIG. 4010 SWING MACHINERY & MOTOR



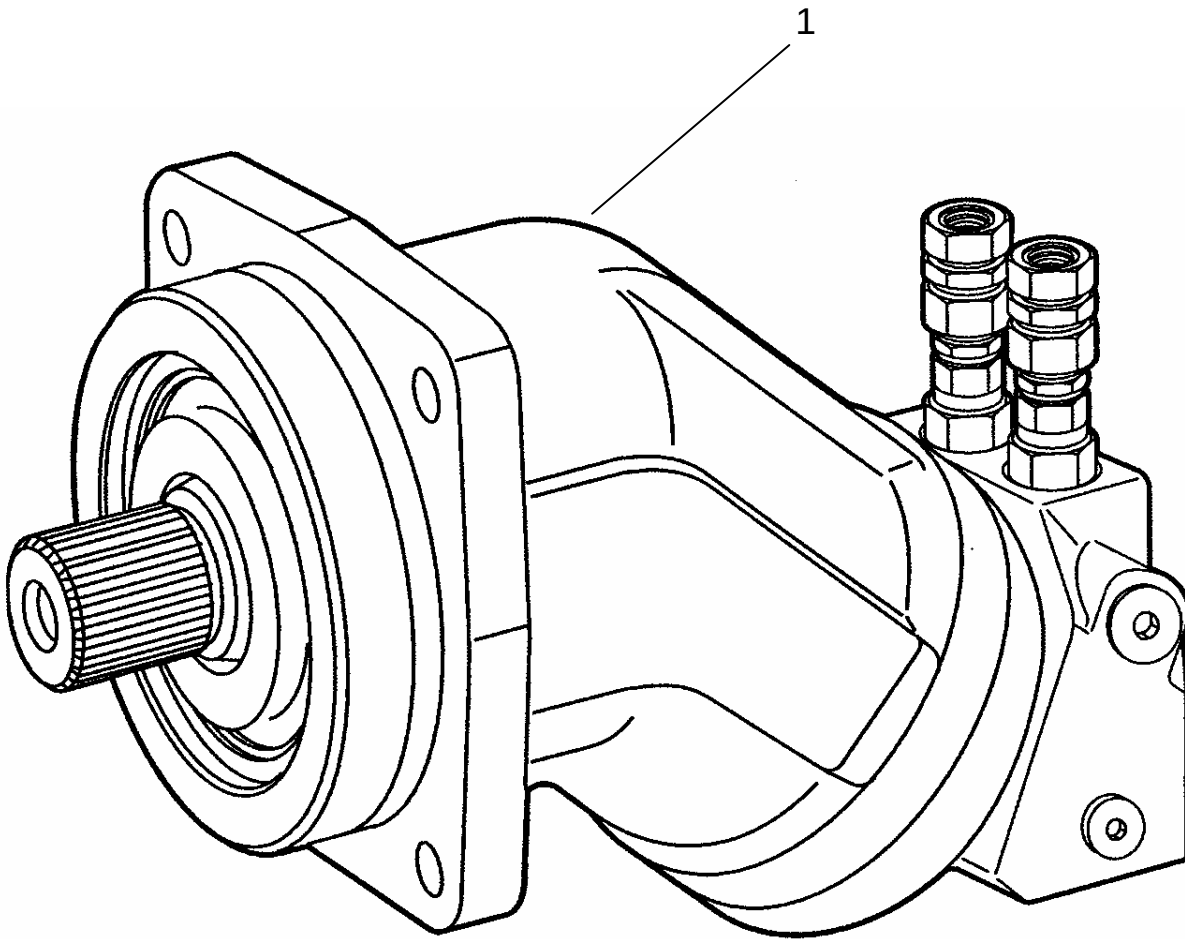
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	156 S0 01011	SWING MACHINERY ASSY	1	
01	156 S0 41001	. COVER	1	
02	CPL01 10810	. PLUG	2	
03	CFB01 21690	. BOLT	12	
04	CFW05 16045	. WASHER	12	
05	155 S0 11269	. FILLER	1	
06	155 S0 02083	. GAUGE	1	
07	CHS01 13025	. O RING	1	
08	155 S0 21345	. SPACER	2	
09	156 S0 11015	. GEAR	1	
10	155 S0 11317	. BUTTON	1	
11	155 S0 41182	. CARRIER	1	
	155 S0 02091	. S/M PLANTRY.GEAR SET	1	
12	*155 S0 51194	. . GEAR DOUBLE	3	
13	155 S0 91379	. BEARING	3	
14	155 S0 11252	. PIN	3	
15	CFB01 21250	. BOLT	3	
16	155 S0 11382	. COLLAR	3	
17	CFP04 00514	. PIN	3	
18	155 S0 51575	. RING GEAR	1	
19	155 S0 51218	. RING GEAR	1	
23	155 S0 11447	. BOLT	1	
24	CFW05 24060	. WASHER	1	
25	155 S0 11309	. PLATE	1	
27	155 S0 91338	. BEARING ROLLER	1	
28	155 S0 11325	. SPACER	1	
29	CFL04 10200	. RING SNAP	1	
30	CBR30 22319	. BEARING ROLLER	1	
31	155 S0 41871	. CASE	1	B16120&UP
32	155 S0 51801	. SHAFT	1	
33	CHS08 10125	. SEAL OIL	1	
34	155 S0 02059	. VALVE	1	
35	155 S0 71363	. TUBE	1	
36	CCC01 02006	. CLAMP	1	
37	CHS01 05240	. O-RING	1	
38	CFS01 32060	. SCREW	12	
39	CFW05 20060	. WASHER	12	
40	156 S0 11023	. GASKET	1	
41	CFS01 31235	. SCREW	4	
42	CFW05 12032	. WASHER	4	
43	156 PH 02032	. SWING MOTOR	1	

FIG. 4010 SWING MACHINERY & MOTOR



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
44	155 S0 91719	. BREATHER	1	
45	155 S0 02115	. TUBE ASSY	1	B16120&UP
46	CPL06 11812	. PLUG	1	B16120&UP
47	155 S0 11893	. PLUG	1	B16120&UP
48	CHS01 13022	. O-RING	1	B16120&UP
49	CHS01 15095	. O-RING	1	B16120&UP
50	CFS01 31040	. SCREW	2	B16120&UP
51	CFW01 11030	. WASHER	2	B16120&UP
52	155 S0 11885	SPACER	1	

FIG: 4020 SWING MOTOR

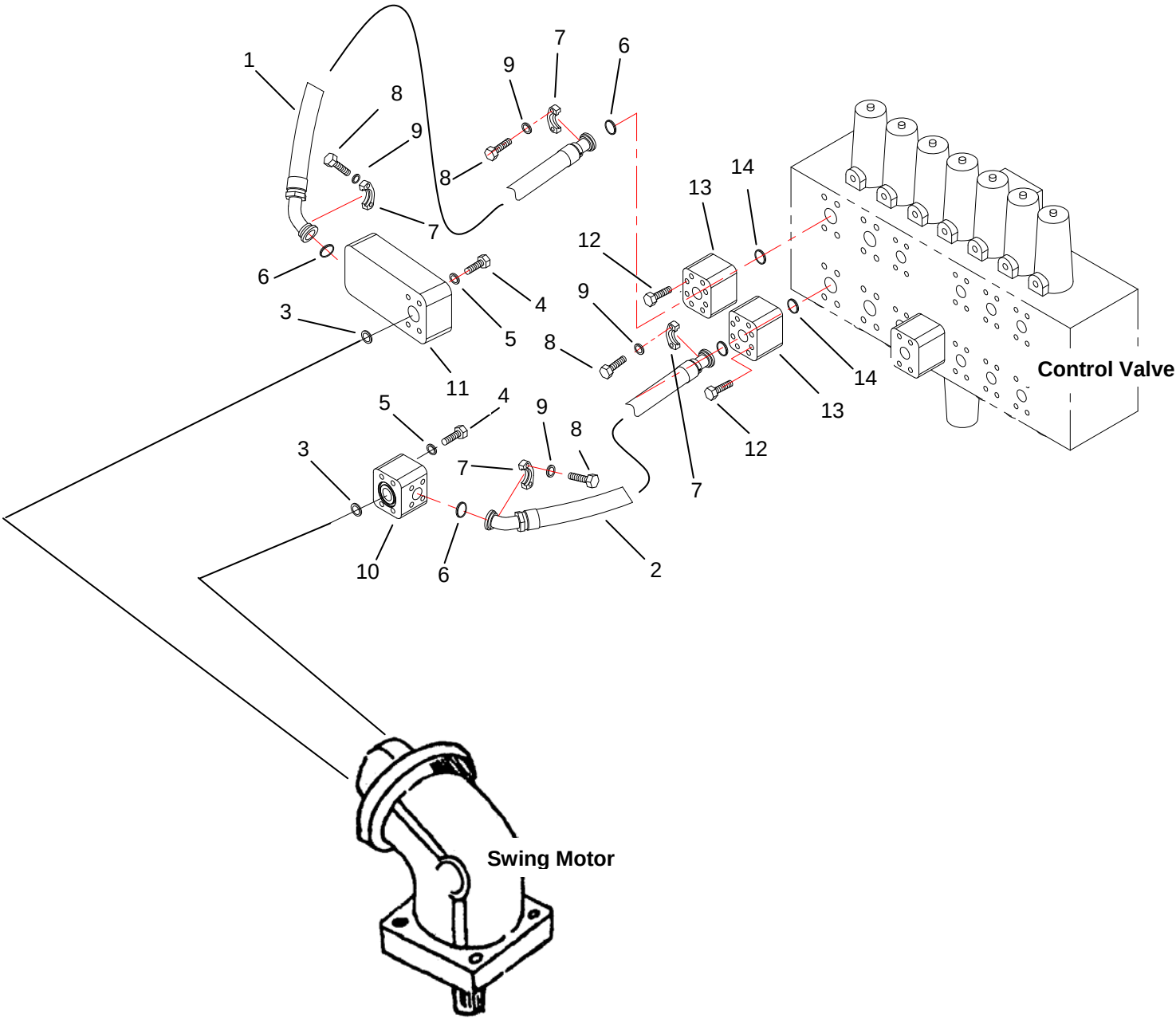


SWING MOTOR

FIG NO.4020

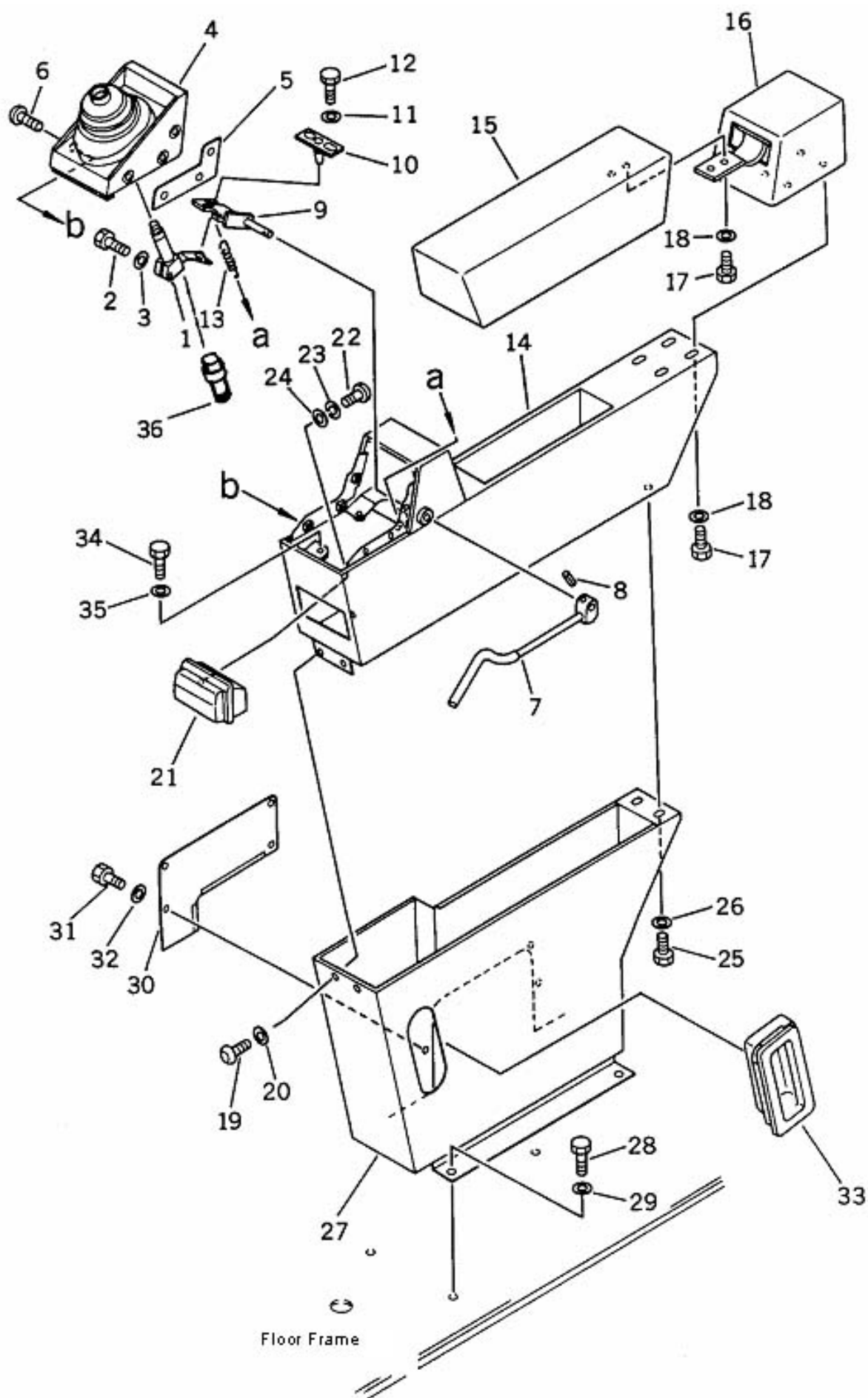
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 HM 91319	SWING MOTOR ASSY.	1	R902011831

FIG : 4070 HYDRAULIC PIPING (CONTROL VALVE TO/FROM SWING MOTOR)



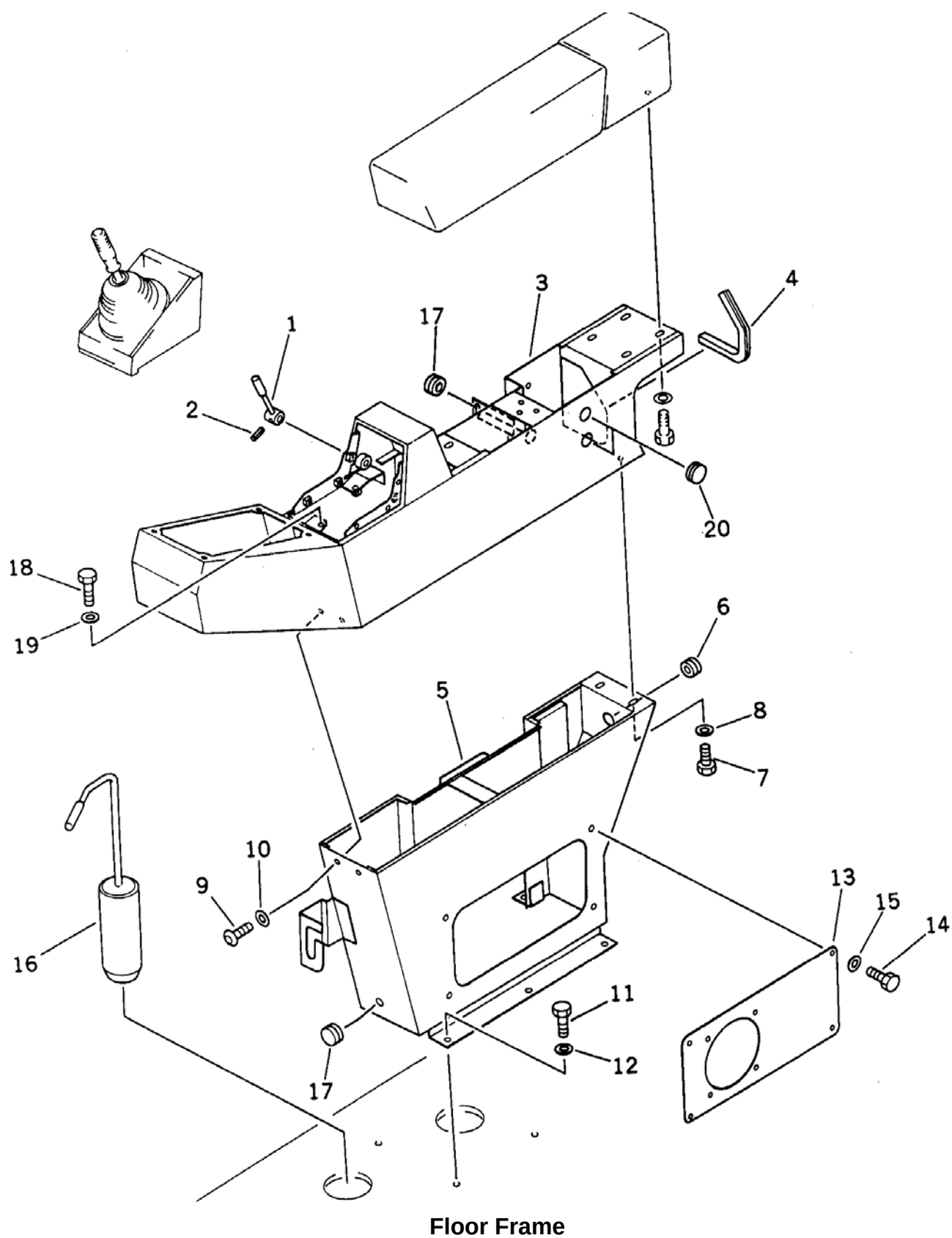
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 PM 91958	HOSE	1	
02	CHH28 01207	HOSE	1	
03	CHS01 13035	O-RING	2	
04	CFB01 21265	BOLT	8	
05	CFW05 12032	WASHER	8	
06	CHS01 13025	O-RING	4	
07	CFG03 12039	SPLIT FLANGE	8	
08	CFS01 30830	SCREW	16	
09	CFW06 08023	WASHER	16	
10	156 PM 11945	BLOCK	1	
11	156 PM 11986	BLOCK	1	
12	CFS13 11025	SCREW	8	
13	156 PM 11929	ADAPTOR PLATE	2	
14	155 PH 61927	O-RING	2	

FIG: 4080 WRIST CONTROL AND STAND LH



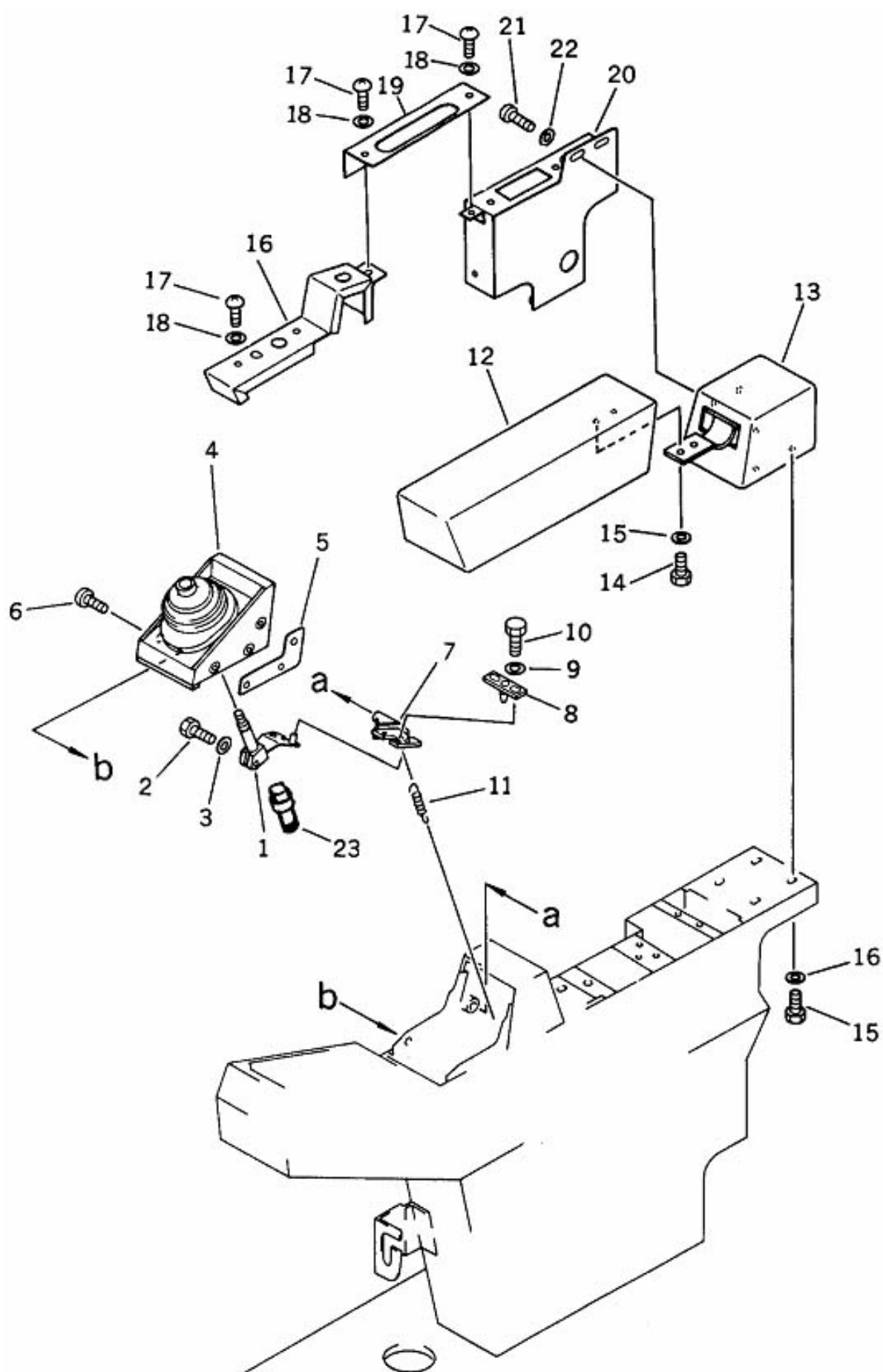
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	782 C0 02005	LEVER L.H	1	
02	CFS01 30825	SCREW	1	
03	CFW05 08023	WASHER	1	
04	156 C0 62203	BASE	1	
05	155 C0 12658	COVER	2	
06	155 C0 11612	SCREW	6	
07	155 C0 02321	LEVER	1	
08	CFP13 05020	PIN SPRING	1	
09	155 C0 02013	LEVER L.H	1	
10	155 C0 02354	PLATE	1	
11	CFW05 06023	WASHER	2	
12	CFS13 40614	BOLT	2	
13	155 C0 12999	SPRING	1	
14	156 C0 02011	BOX L.H	1	
15	155 C0 02379	CUSHION L.H	1	
16	155 C0 02119	COVER L.H	1	
17	CFS01 30820	SCREW	6	
18	CFW05 08023	WASHER	6	
19	155 C0 13954	SCREW	2	
20	CFW03 10816	WASHER	2	
21	155 C0 02265	ASH TRAY	1	
22	CFS15 10408	SCREW	2	
23	CFW01 10410	WASHER SPRING	2	
24	CFW02 10408	WASHER	2	
25	CFS01 30820	SCREW	2	
26	CFW05 08023	WASHER	2	
27	155 C0 02135	CASE L.H	1	
28	CFS01 31230	SCREW	4	
29	CFW05 12032	WASHER	4	
30	155 C0 02168	COVER	1	
31	CFS01 30820	SCREW	4	
32	CFW05 08023	WASHER	4	
33	155 C0 62749	HANDLE	1	
34	CFS01 30820	SCREW	3	
35	CFW05 08023	WASHER	3	
36	155 C0 92166	ADAPTOR	1	

FIG: 4090 WRIST CONTROL AND STAND RH (1/2)



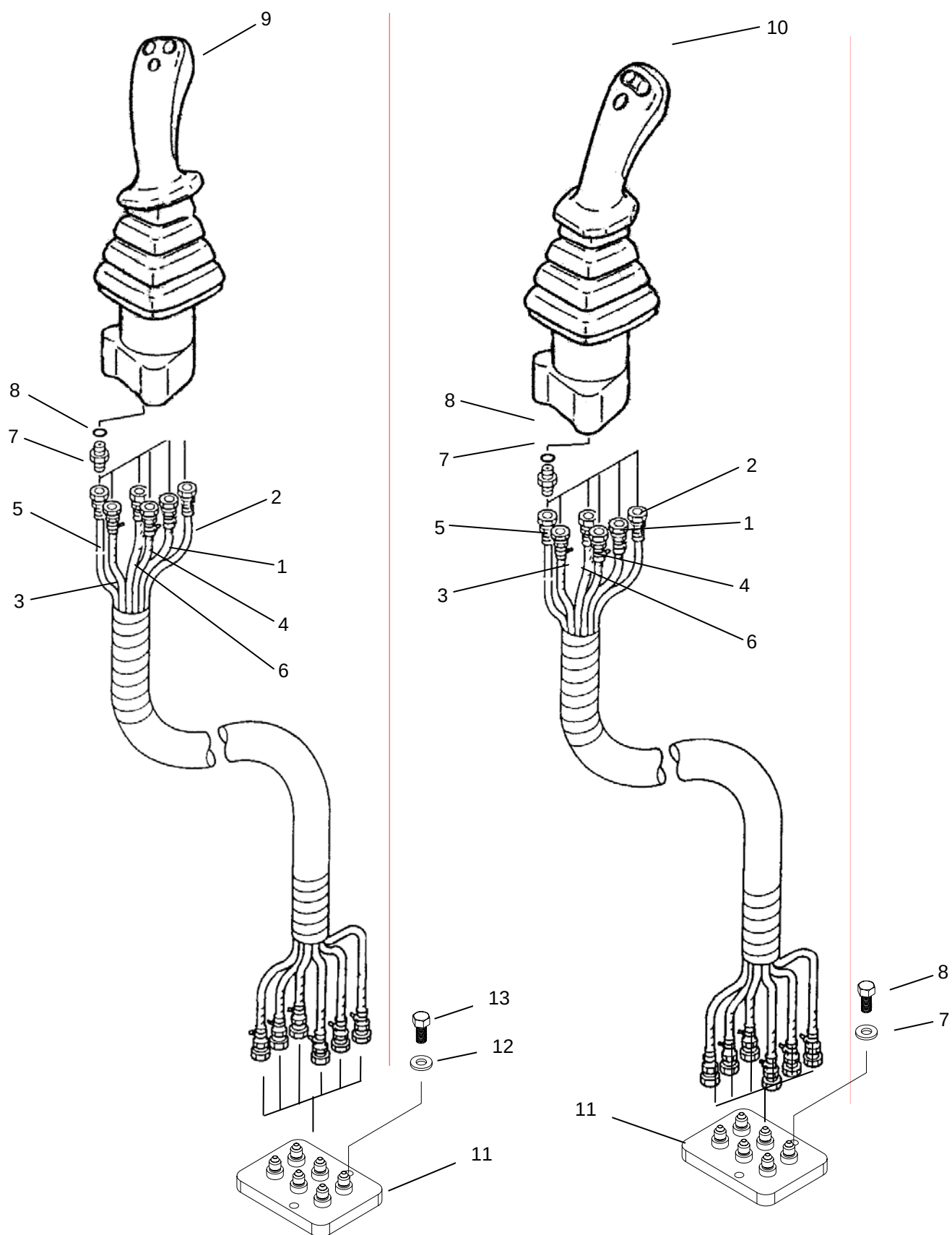
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	155 C0 02054	LEVER R.H	1	
02	CFP13 05020	PIN SPRING	1	
03	156 C0 02028	BOX R.H	1	
04	155 C0 61582	. SEAL	1	
05	155 C0 02143	CASE R.H	1	
06	CGR01 02512	GROMMET	1	
07	CFS01 30820	SCREW	2	
08	CFW05 08023	WASHER	2	
09	155 C0 13954	SCREW	2	
10	CFW03 10816	WASHER	2	
11	CFS01 31230	SCREW	5	
12	CFW05 12032	WASHER	5	
13	155 C0 02151	COVER	1	
14	CFS01 30820	SCREW	4	
15	CFW05 08023	WASHER	4	
16	155 C0 02273	PIN	1	
17	CGR01 02512	GROMMET	2	
18	CFS01 30820	SCREW	3	
19	CFW05 08023	WASHER	3	
20	CGR05 02512	CAP	2	

FIG: 4100 WRIST CONTROL AND STAND RH (2/2)



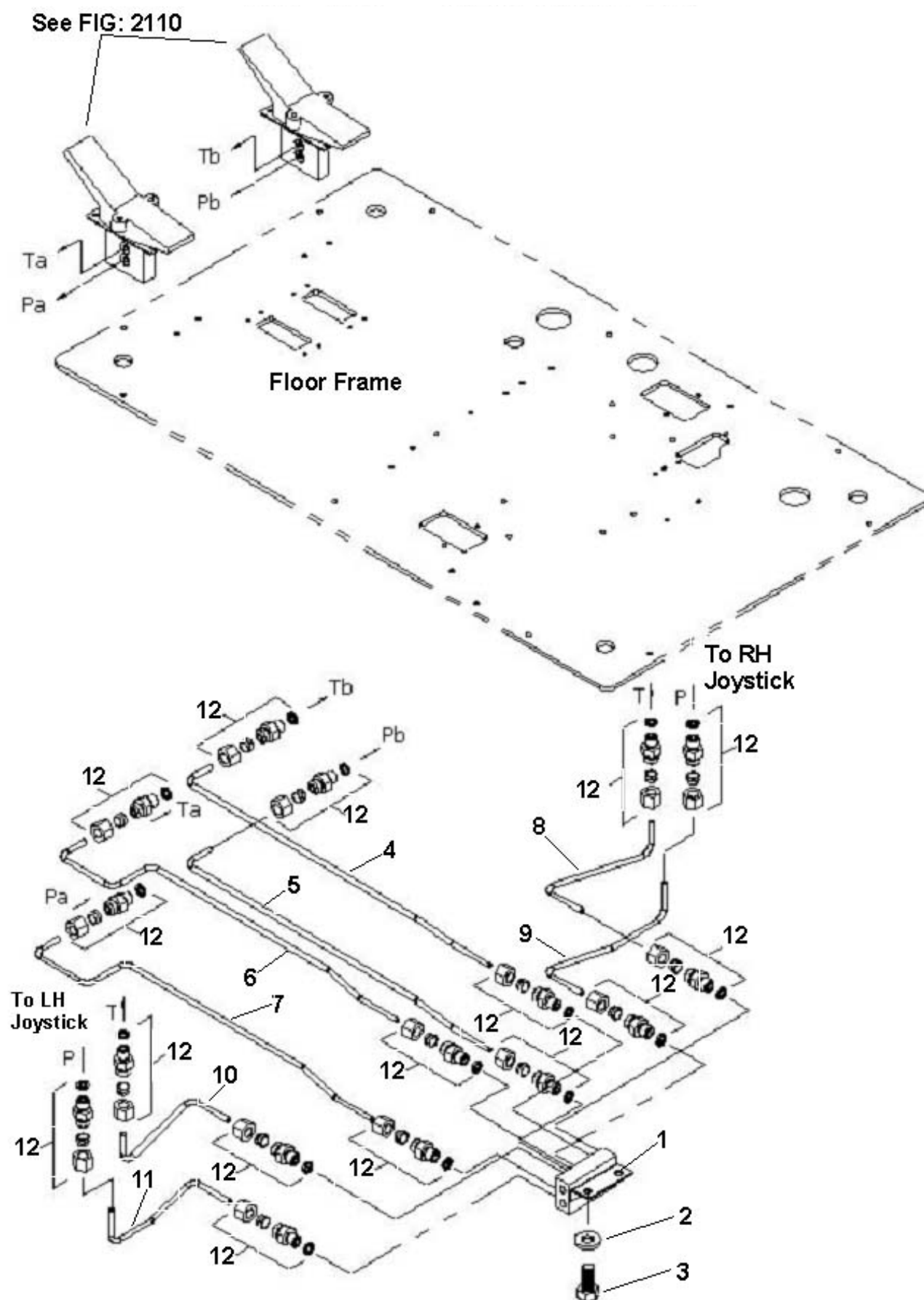
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	782 C0 02013	LEVER R.H	1	
02	CFS01 30825	SCREW	1	
03	CFW05 08023	WASHER	1	
04	156 C0 62203	BASE	1	
05	155 C0 12658	COVER	2	
06	155 C0 11612	SCREW	6	
07	155 C0 02224	LEVER R.H	1	
08	155 C0 02362	PLATE	1	
09	CFW05 06023	WASHER	2	
10	CFS13 40614	BOLT	2	
11	155 C0 12999	SPRING	1	
12	155 C0 02387	CUSHION R.H	1	
13	155 C0 02127	COVER R.H	1	
14	CFS01 30820	SCREW	6	
15	CFW05 08023	WASHER	6	
16	155 C0 02232	COVER	1	
17	155 C0 11612	SCREW	4	
18	155 C0 13038	WASHER	4	
19	155 C0 12414	PLATE	1	
20	155 C0 02249	COVER	1	
21	155 C0 13954	SCREW	3	
22	CFW03 10816	WASHER	3	
23	155 C0 92166	ADAPTOR	1	

FIG: 4110 PILOT PIPING (1/9)



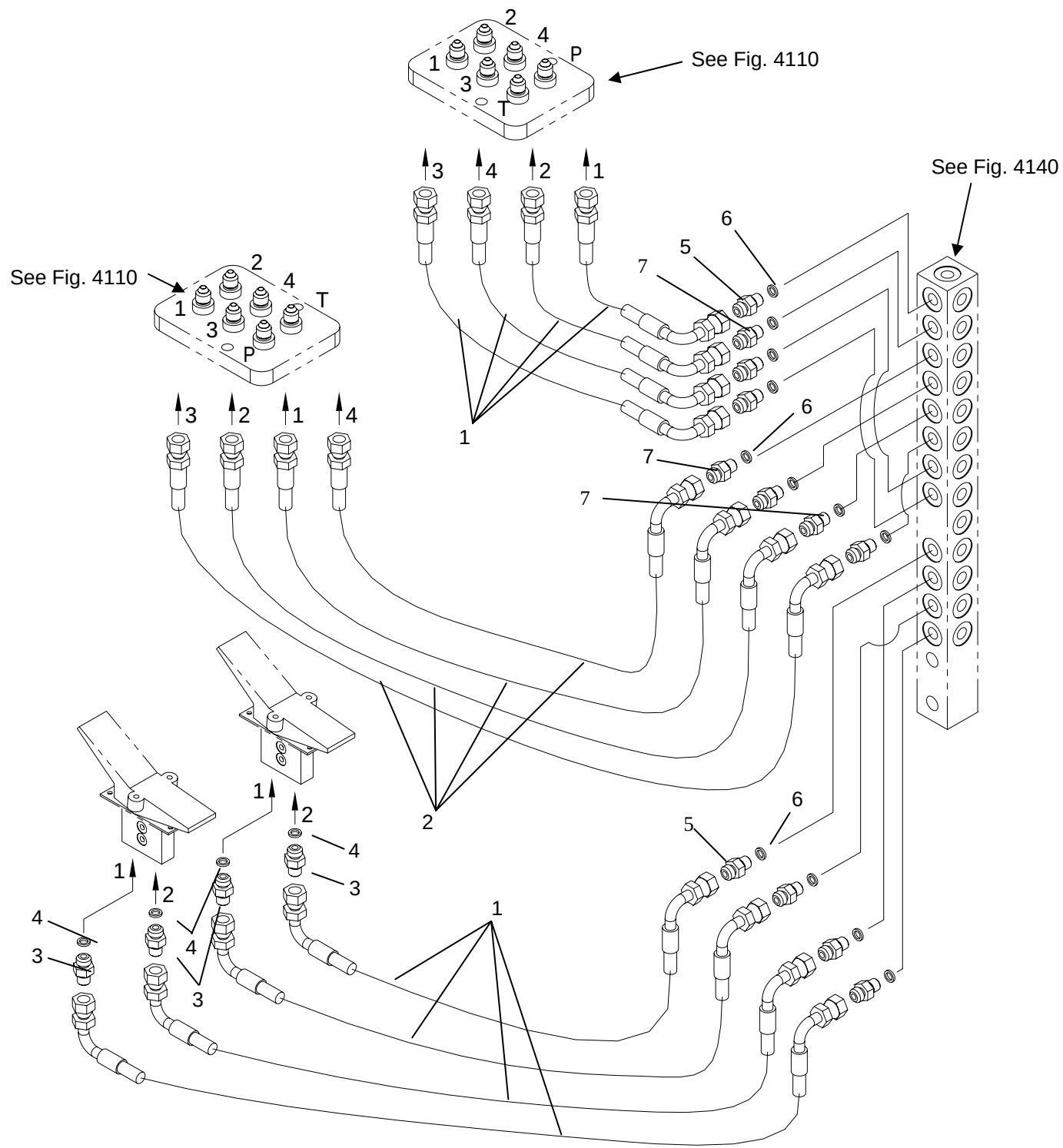
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	780 PH 03334	HOSE ASSY.	2	
01	CHH22 00405	HOSE (GREEN)	1	
02	CHH22 00405	HOSE (YELLOW)	1	
03	CHH22 00405	HOSE (WHITE)	1	
04	CHH22 00405	HOSE (BLUE)	1	
05	CHH22 00405	HOSE (RED)	1	
06	CHH22 00405	HOSE (BLACK)	1	
07	782 PH 13294	ADAPTOR	12	
08	782 PH 23776	SEAL, WASHER	12	
09	156 PM 91285	JOY STICK LH	1	
10	156 PM 91293	JOY STICK RH	1	
11	156 PM 02232	BLOCK ASSY.	2	
12	CFW05 12032	WASHER	4	
13	CFS01 31230	SCREW	4	

FIG: 4120 PILOT PIPING (2/9)



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 PM 02249	BLOCK ASSY.	1	
02	CFW05 12032	WASHER	2	
03	CFS01 31230	SCREW	2	
04	156 PM 10746	TUBE	1	
05	156 PM 10754	TUBE	1	
06	156 PM 10762	TUBE	1	
07	156 PM 10779	TUBE	1	
08	156 PM 10787	TUBE	1	
09	156 PM 10795	TUBE	1	
10	156 PM 10802	TUBE	1	
11	156 PM 10819	TUBE	1	
12	156 PM 90597	ADAPTOR ASSY.	16	

FIG: 4130 PPC VALVE PIPING (3/9)

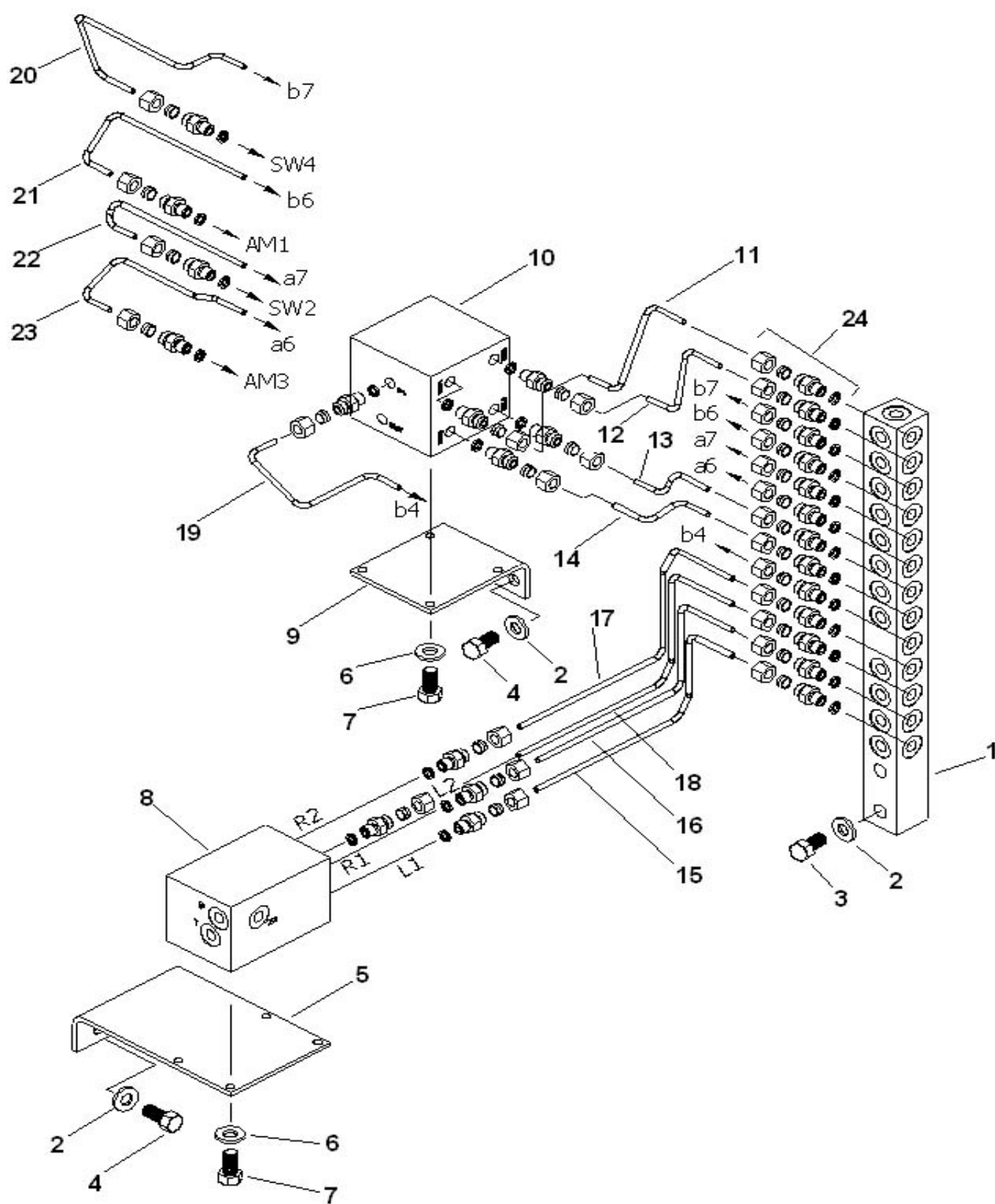


PILOT PIPING (3/9)

FIG NO.4130

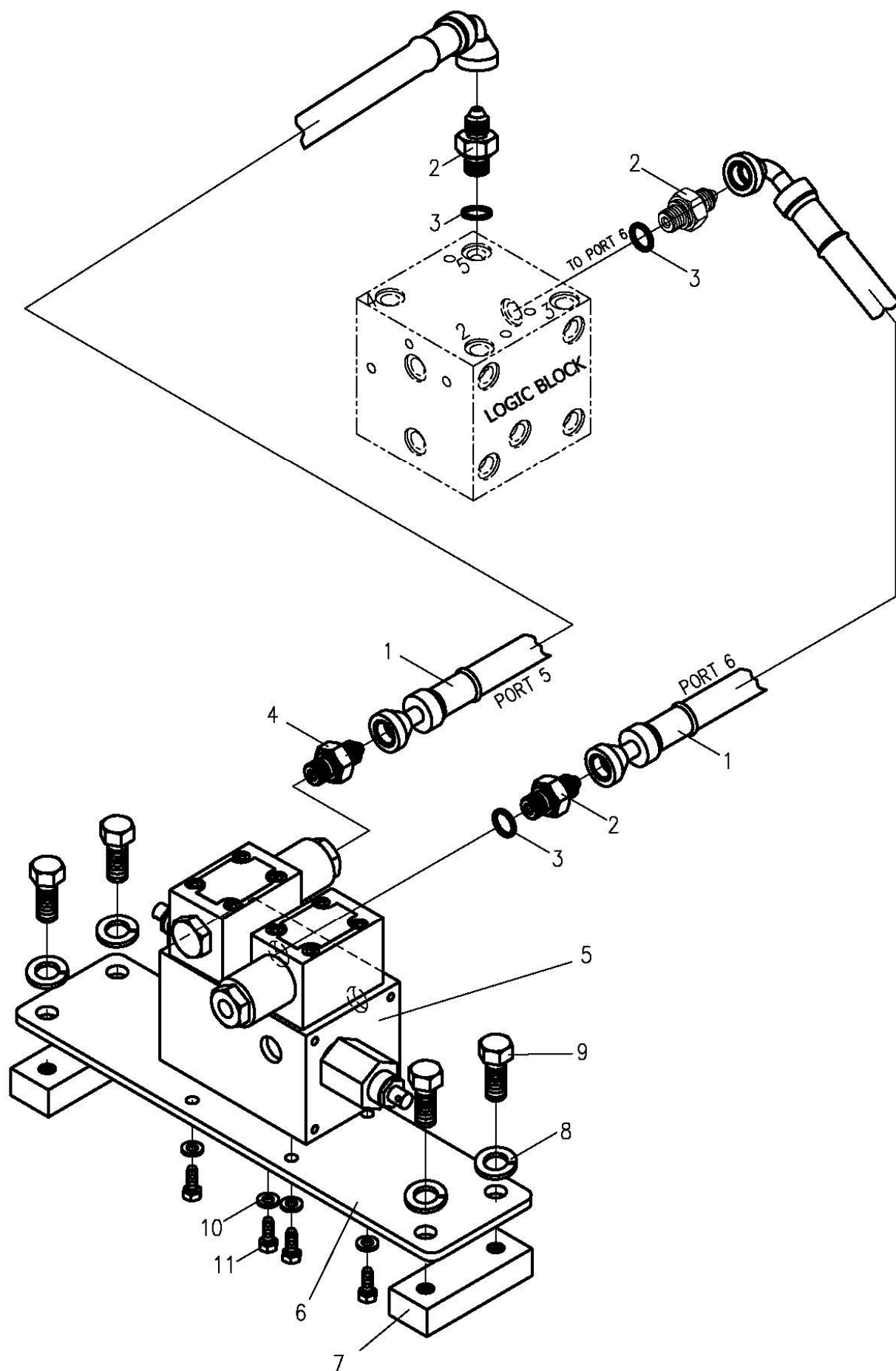
[illegible]

FIG: 4140 PILOT PIPING (4/9)



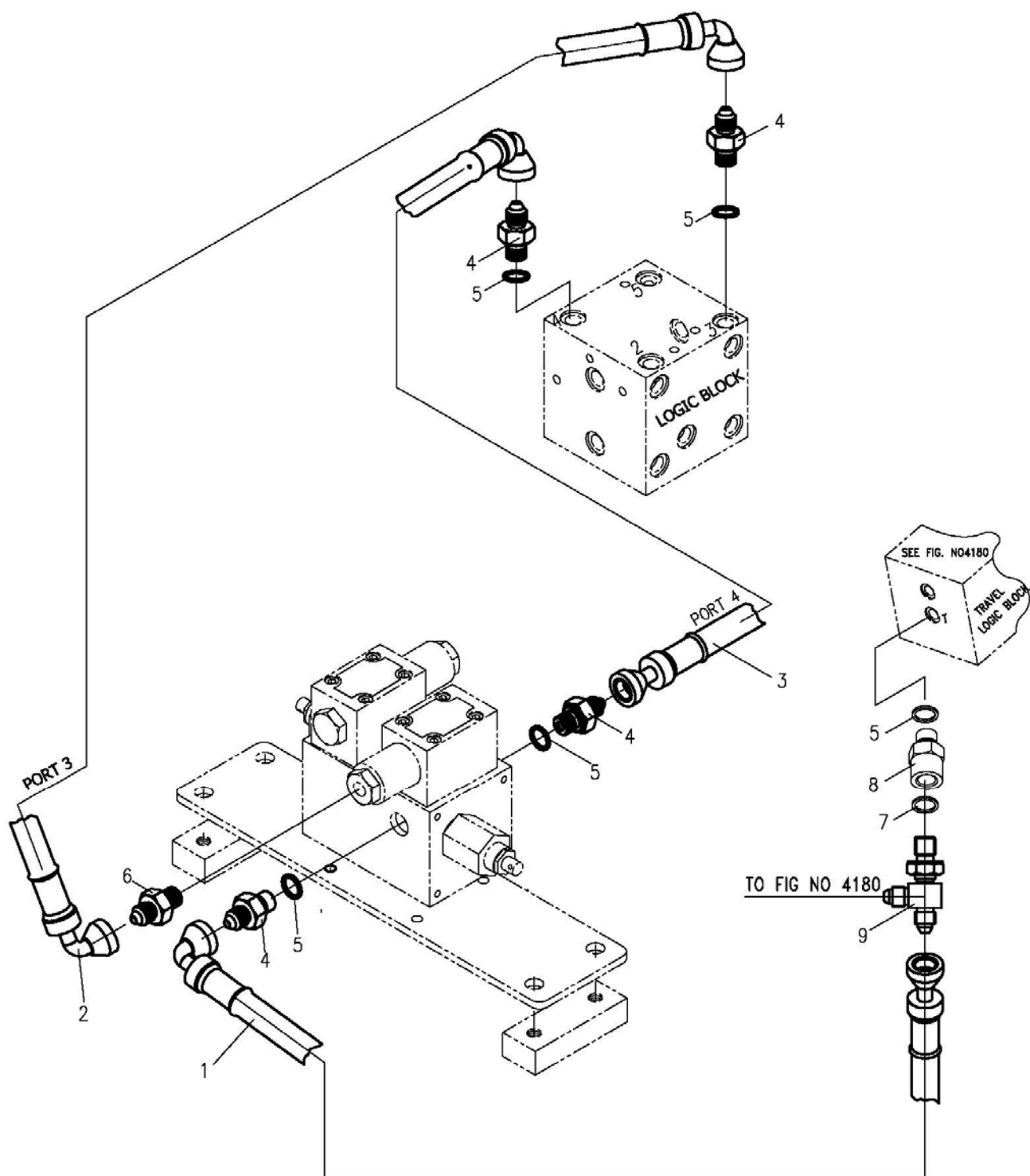
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 PM 10568	BLOCK	1	
02	CFW05 12032	WASHER	6	
03	CFB01 31260	BOLT	2	
04	CFS01 31225	SCREW	4	
05	156 PM 10698	PLATE	1	
06	CFW05 10616	WASHER	8	
07	CFS01 30616	SCREW	8	
08	156 PM 91269	T.SH.M. ASSY.	1	
09	156 PM 10681	PLATE	1	
10	156 PM 91277	SH.M.B.ASSY.	1	
11	156 PM 10965	TUBE	1	
12	156 PM 10973	TUBE	1	
13	156 PM 10981	TUBE	1	
14	156 PM 10998	TUBE	1	
15	156 PM 11078	TUBE	1	
16	156 PM 11053	TUBE	1	
17	156 PM 11061	TUBE	1	
18	156 PM 11086	TUBE	1	
19	156 PM 11004	TUBE	1	
20	156 PM 11037	TUBE	1	
21	156 PM 11029	TUBE	1	
22	156 PM 11012	TUBE	1	
23	156 PM 11045	TUBE	1	
24	156 PM 90597	ADAPTOR ASSY.	26	

FIG: 4150 PILOT PIPING (5/9) (SWING & BOOM LOGIC)



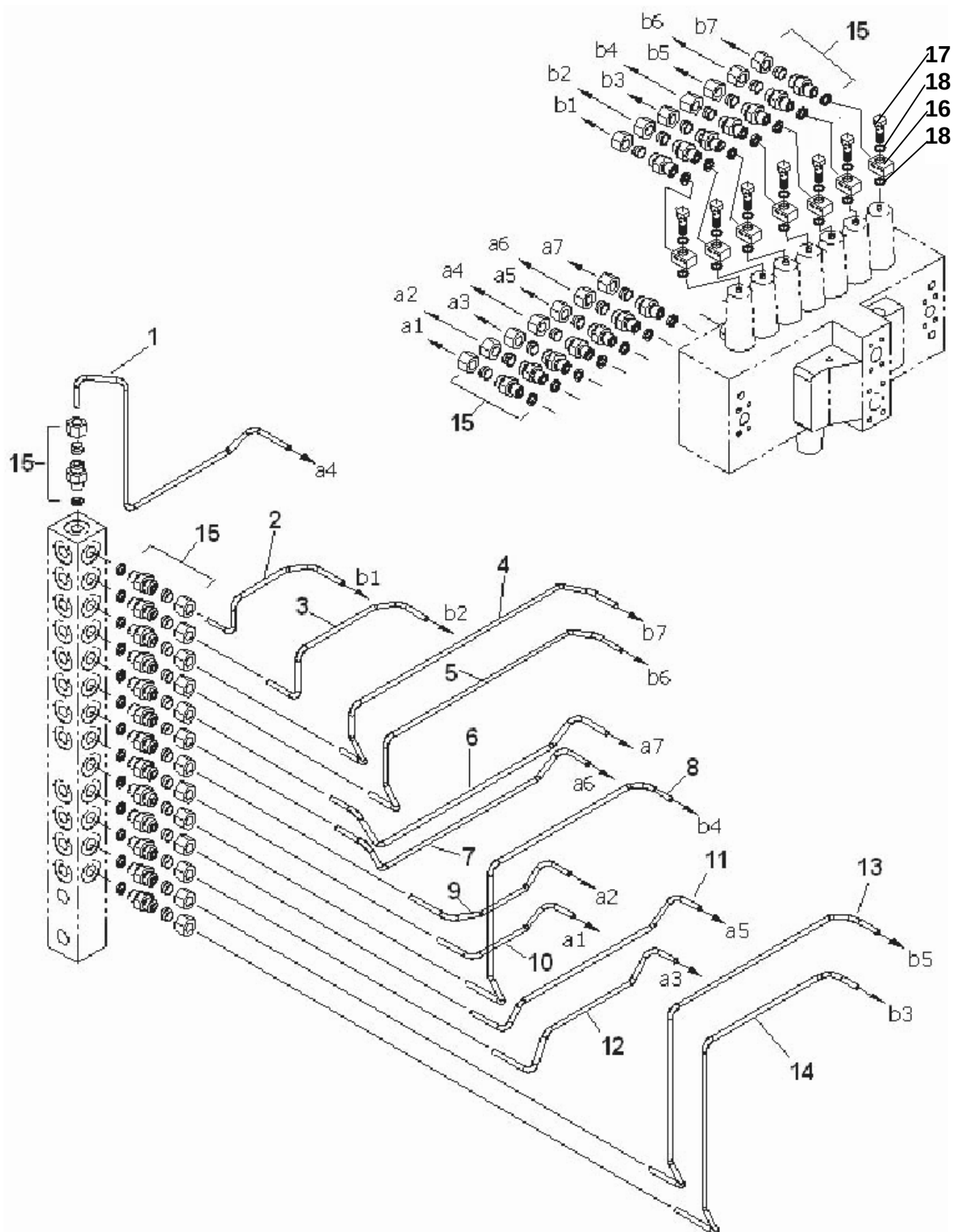
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	782 PH 95307	HOSE ASSY.	2	
02	782 PH 13294	ADAPTOR	3	
03	782 PH 23776	SEAL, WASHER	3	
04	155 BH 11332	NIPPLE	1	
05	156 ZZ 11609	LOGIC MANIFOLD	1	
06	156 ZZ 11544	BRACKET	1	
07	CFW35 12090	TAPPED PAD	2	
08	CFW01 11236	WASHER SPRING	4	
09	CFS01 21220	BOLT	4	
10	CFW05 10619	WASHER	4	
11	CFS01 30616	SCREW	4	

FIG: 4160 PILOT PIPING (6/9) (BUCKET & ARM LOGIC)



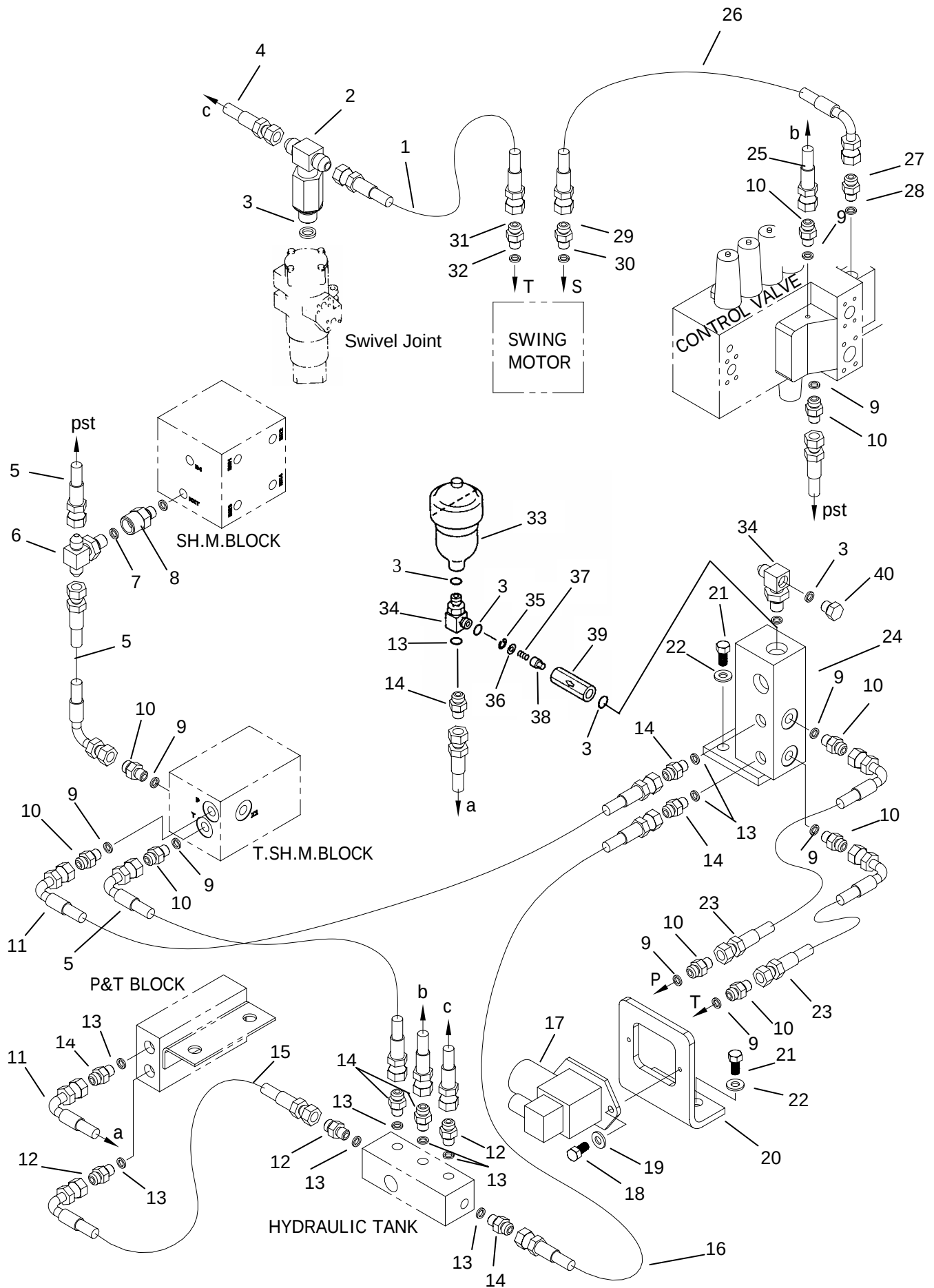
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 ZZ 11496	HOSE ASSY.	1	
02	782 PH 95072	HOSE ASSY.	1	
03	782 PH 95307	HOSE ASSY.	1	
04	782 PH 13294	ADAPTOR	4	
05	782 PH 23776	SEAL, WASHER	5	
06	155 BH 11332	NIPPLE	1	
07	CHS03 11423	O-RING	1	
08	156 PH 11778	ADAPTOR	1	
09	171 PH 02806	TEE	1	

FIG: 4171 PILOT PIPING (7/9)
 (APPLICABLE FOR SLNO. B16107 AND UP)
 (AUTO PILOT AIR BLEEDING SYSTEM)



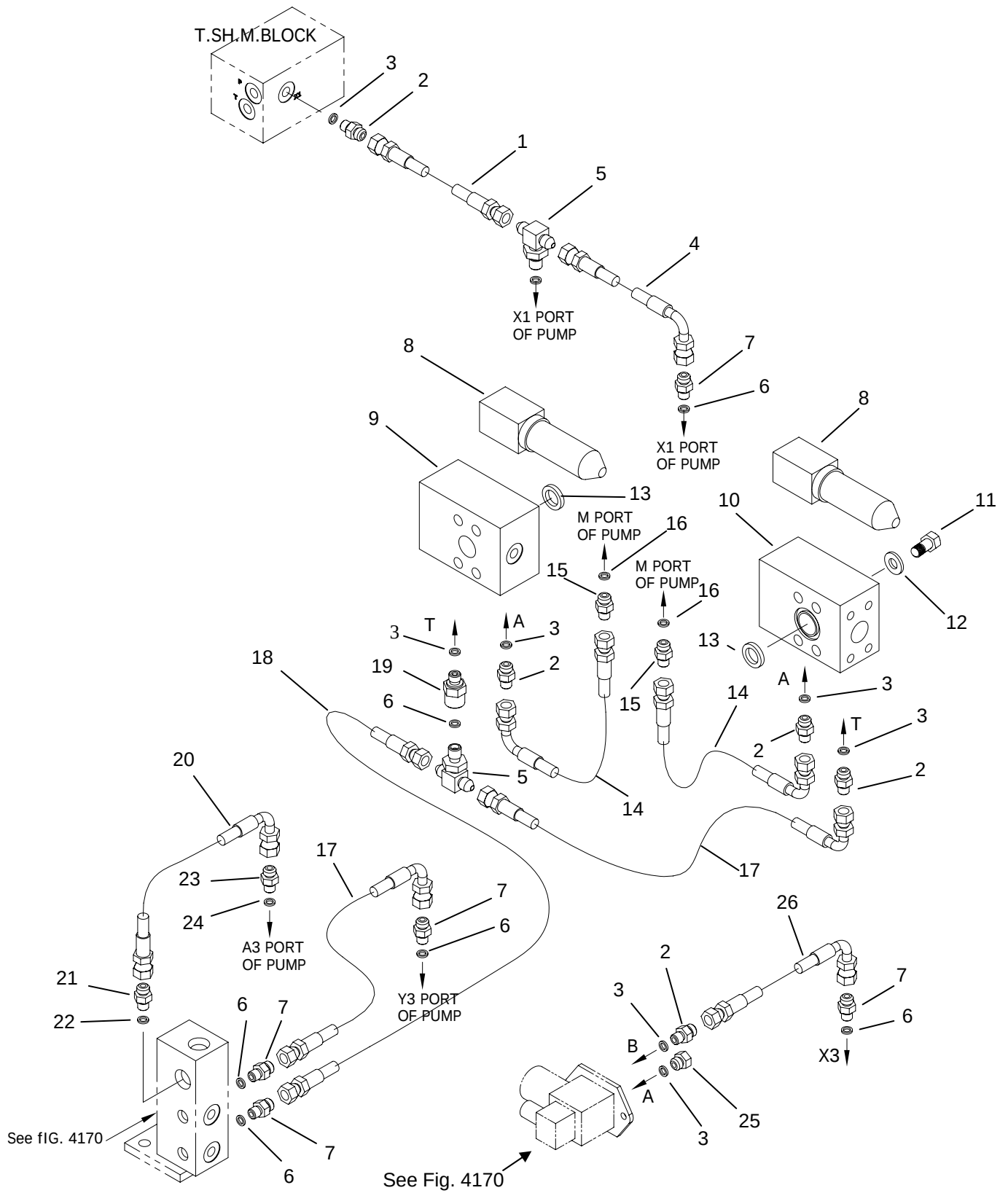
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 PM 10924	TUBE	1	
02	156 PM 10827	TUBE	1	
03	156 PM 10835	TUBE	1	
04	156 PM 10884	TUBE	1	
05	156 PM 10876	TUBE	1	
06	156 PM 10957	TUBE	1	
07	156 PM 10949	TUBE	1	
08	156 PM 10851	TUBE	1	
09	156 PM 10908	TUBE	1	
10	156 PM 10892	TUBE	1	
11	156 PM 10932	TUBE	1	
12	156 PM 10916	TUBE	1	
13	156 PM 10868	TUBE	1	
14	156 PM 10843	TUBE	1	
15	156 PM 90597	ADAPTOR ASSY.	28	
	156 ZZ 11625	BANJO ASSY.	7	
16	156 ZZ 11641	. BANJO ADAPTOR	1	
17	156 ZZ 11633	. BANJO BOLT	1	
18	156 ZZ 11658	. BANJO WASHER	2	

FIG. 4180 PILOT PIPING (8/9)



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	CHH22 00608	HOSE	1	
02	155 PH 02489	TEE	1	
03	CHS03 12034	O-RING	1	
04	CHH22 00615	HOSE	1	
05	156 PM 91122	HOSE ASSY.	2	
06	155 PH 02407	TEE	1	
07	CHS03 11423	O-RING	1	
08	156 PH 11778	ADAPTOR	1	
09	782 PH 23776	SEAL, WASHER	9	
10	782 PH 13294	ADAPTOR	9	
11	156 PM 91106	HOSE ASSY.	2	
12	156 PM 11159	ADAPTOR	3	
13	CHS03 11423	O-RING	9	
14	CPF15 10214	UNION	6	
15	156 PM 91139	HOSE ASSY.	1	
16	156 PM 91203	HOSE ASSY.	1	
17	156 PM 91252	MODE SELECTION VALVE	1	
18	CFS01 30616	SCREW	2	
19	CFW05 10616	WASHER	2	
20	156 PM 10551	PLATE	1	
21	CFS01 31225	SCREW	4	
22	CFW05 12032	WASHER	4	
23	156 PM 91163	HOSE ASSY.	2	
24	156 PM 02265	BLOCK ASSY.	1	
25	CHH22 00412	HOSE	1	
26	156 PM 92273	HOSE ASSY.	1	
27	156 PH 11842	ADAPTOR	1	
28	CHS04 13342	GASKET	1	
29	156 PH 11907	ADAPTOR	1	
30	156 PH 92495	GASKET	1	
31	156 PH 11883	ADAPTOR	1	
32	CHS04 11824	GASKET	1	
33	155 PH 93436	ACCUMULATOR	1	
34	155 PH 02326	TEE	2	
	155 PH 02431	VALVE ASSY.	1	
35	CFL02 11410	.RING SNAP	1	
36	155 PH 12832	.SEAT	1	
37	155 PH 12824	.SPRING	1	
38	155 PH 12816	.POPPET	1	
39	155 PH 12808	.BODY	1	
40	CPL06 11410	PLUG	1	

FIG. 4190 PILOT PIPING (Pr. CUT OFF VALVE TO/FROM PUMP)(9/9)

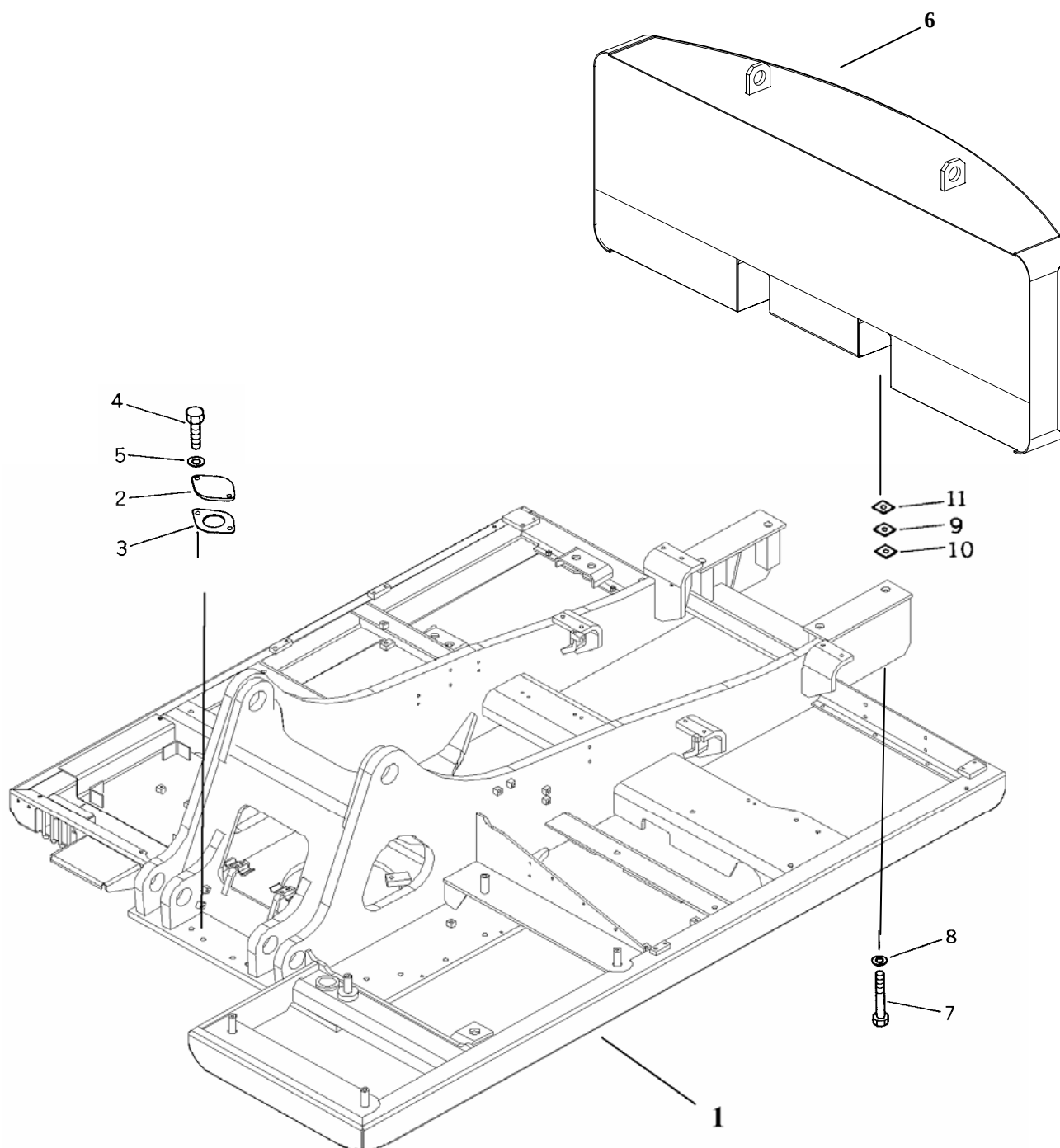


ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 PM 91147	HOSE ASSY.	1	
02	782 PH 13294	ADAPTOR	5	
03	782 PH 23776	SEAL, WASHER	7	
04	156 PM 91244	HOSE ASSY.	1	
05	155 PH 02407	TEE	2	
06	CHS03 11423	O-RING	7	
07	CPF15 10214	UNION	5	
08	156 PM 91196	PR. CUT OFF VALVE	2	
09	156 PM 91188	BLOCK RH	1	
10	156 PM 91171	BLOCK LH	1	
11	CFB01 31275	BOLT	4	
12	CFW05 12032	WASHER	6	
13	156 PM 60529	O-RING	2	
14	156 PM 91163	HOSE ASSY.	2	
15	156 PH 11867	ADAPTOR	2	
16	CHS04 11217	GASKET	2	
17	156 PM 91203	HOSE ASSY.	2	
18	CHH22 00409	HOSE	1	
19	156 PH 11778	ADAPTOR	1	
20	156 PH 03053	HOSE ASSY.	1	
21	CPF15 10422	NIPPLE	1	
22	CHS03 12034	O-RING	1	
23	156 PH 11891	ADAPTOR	1	
24	CHS04 11824	GASKET	1	
25	156 PH 11915	PLUG	1	
26	156 PM 91122	HOSE ASSY.	1	

LEFT BLANK

V. REVOLVING FRAME AND CAB

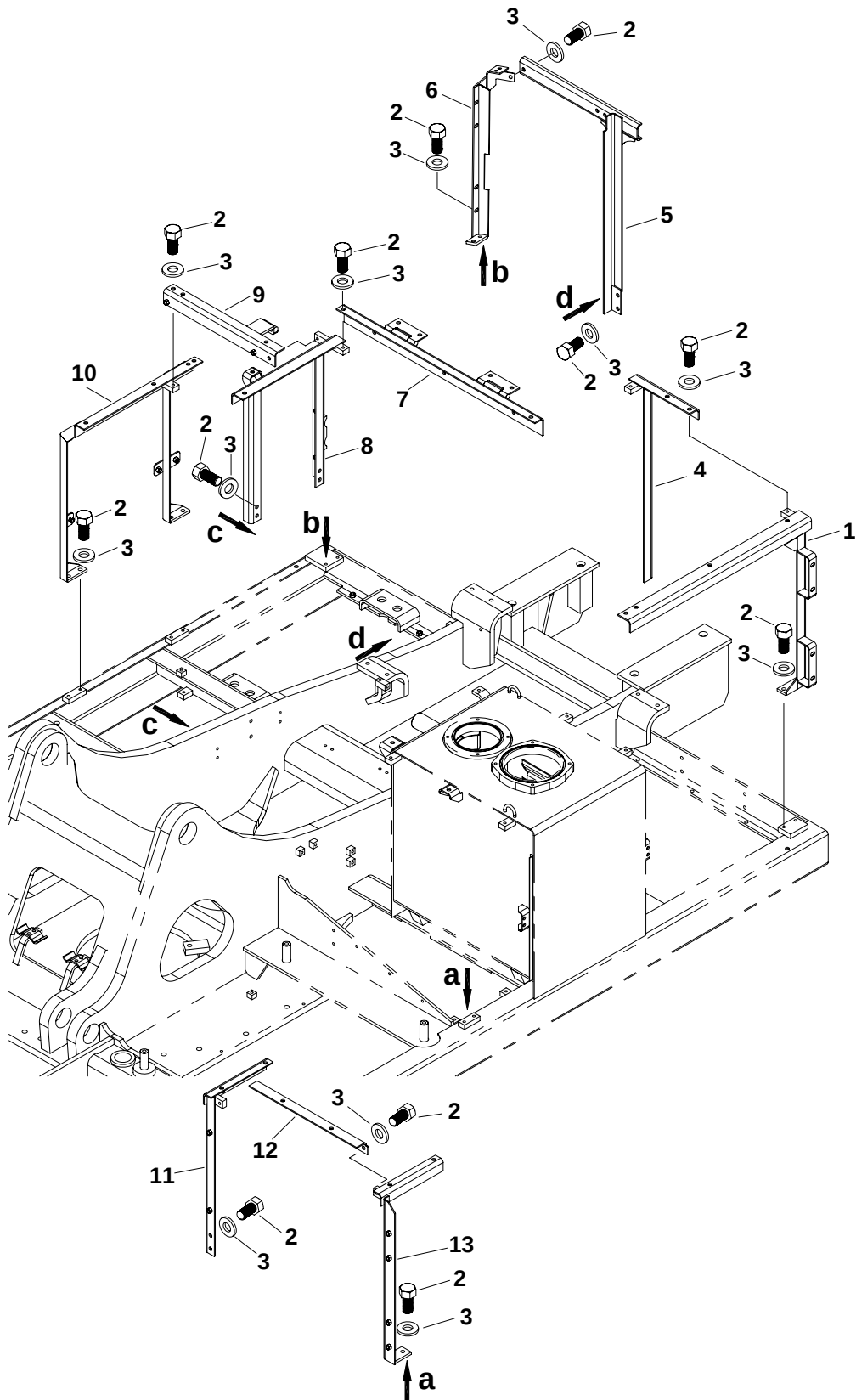
FIG. 5000 REVOLVING FRAME



REVOLVING FRAME
FIG NO.5000

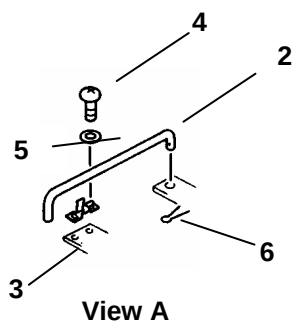
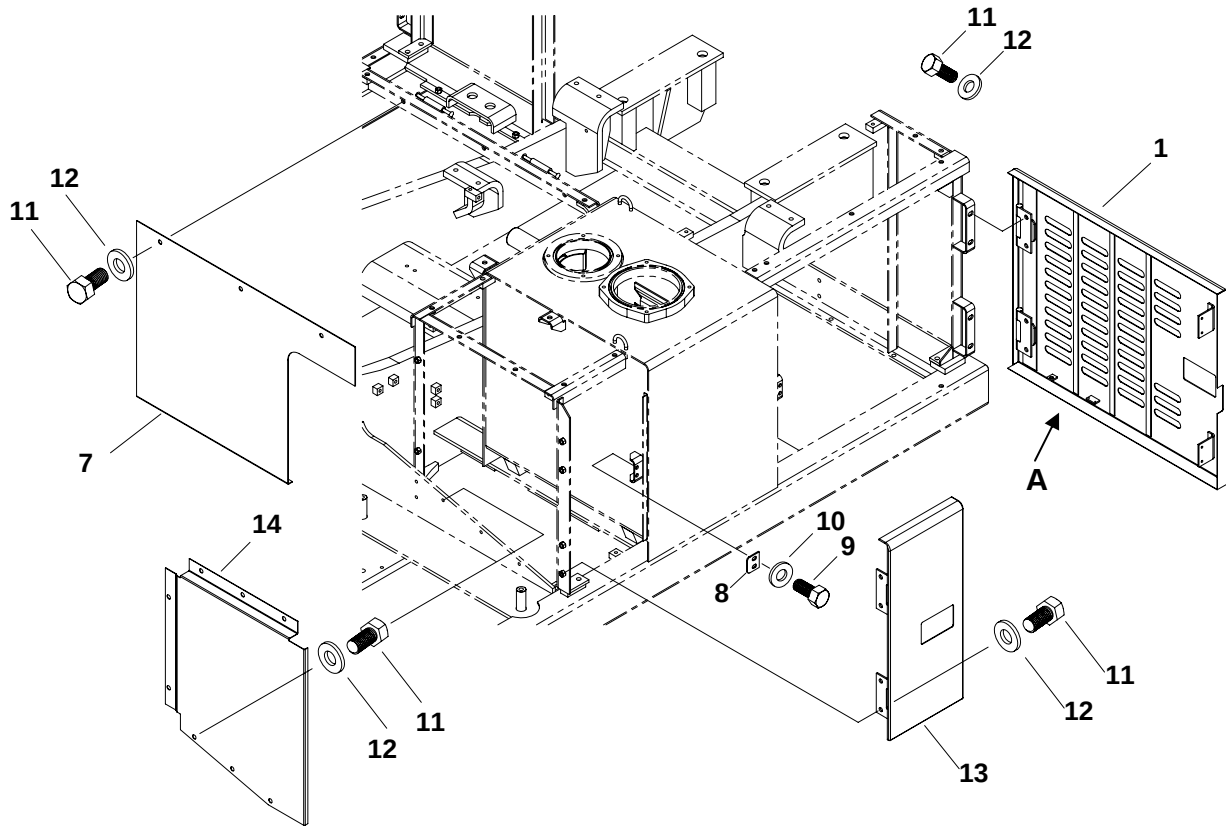
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 RF 02014	FRAME REVOLVING	1	
02	155 TF 11692	COVER	1	
03	155 TF 61701	GASKET	1	
04	CFS01 31230	SCREW	2	
05	CFW05 12032	WASHER	2	
06	156 CW 02009	WEIGHT COUNTER	1	
07	156 RF 11524	BOLT	4	
08	CFW05 27080	WASHER	4	
09	160 RF 11102	SHIM	4	
10	160 RF 11119	SHIM	4	
11	160 RF 11127	SHIM	4	

FIG. 5010 MACHINERY COMPARTMENT (1/6)



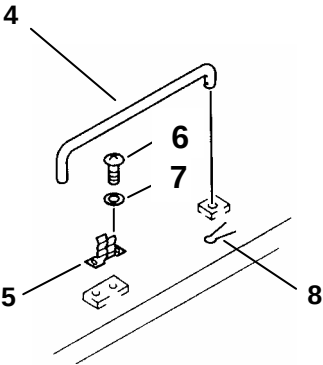
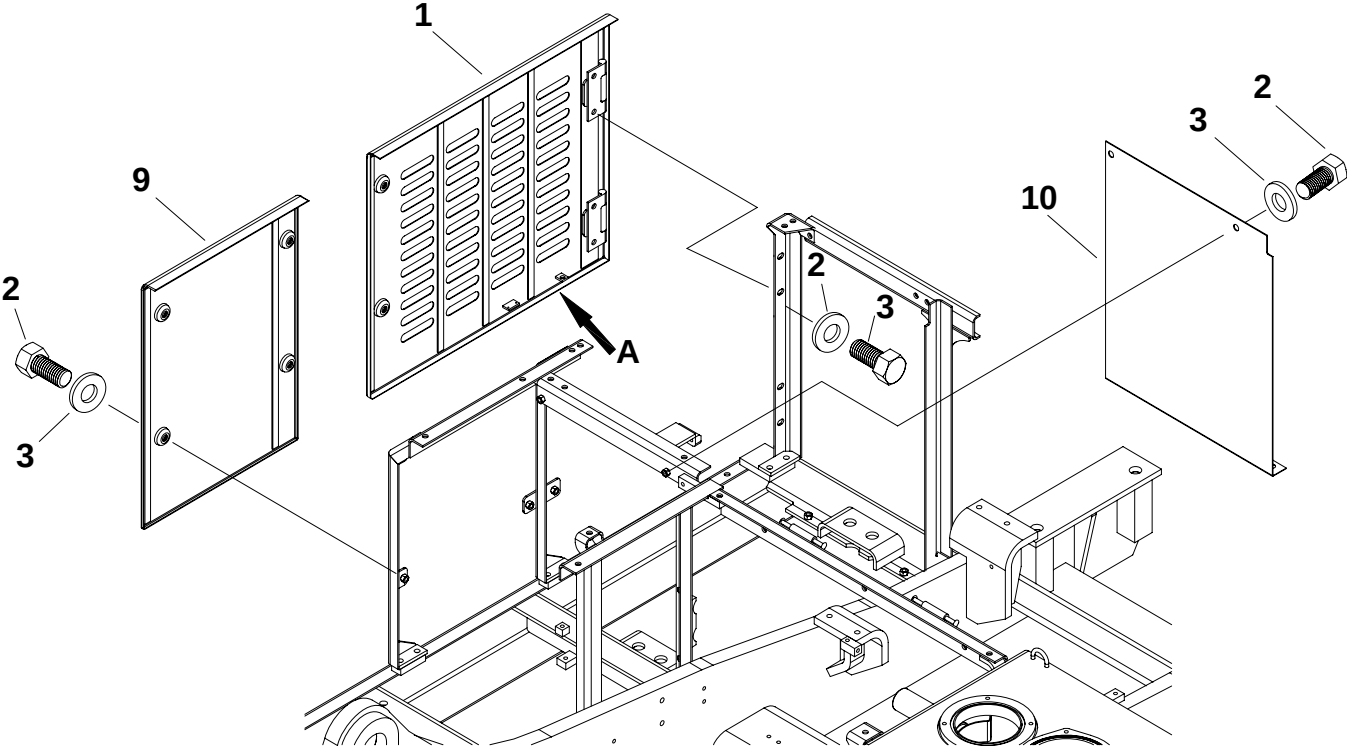
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 EH 02159	FRAME	1	
02	CFS01 31230	SCREW	29	
03	CFW05 12032	WASHER	29	
04	156 EH 02418	FRAME	1	
05	156 EH 02426	FRAME	1	
06	156 EH 02442	FRAME	1	
07	156 EH 02207	FRAME	1	
08	156 EH 02134	FRAME	1	
09	156 EH 02401	FRAME	1	
10	156 EH 02126	FRAME	1	
11	156 EH 02175	FRAME	1	
12	156 EH 02183	FRAME	1	
13	156 EH 02167	FRAME	1	

FIG. 5020 MACHINERY COMPARTMENT (2/6)



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 EH 02215	DOOR	1	
02	155 EH 12683	BAR	1	
03	155 EH 13063	SPRING	1	
04	CFS15 10408	SCREW	2	
05	CFW03 10408	WASHER	2	
06	CFP01 03218	PIN, COTTER	1	
07	156 EH 02272	COVER	1	
08	156 EH 11733	LOCK PLATE	2	
09	CFS01 31025	SCREW	4	
10	CFW05 10032	WASHER	4	
11	CFS01 31225	SCREW	19	
12	CFW05 12032	WASHER	19	
13	156 EH 02223	DOOR	1	
14	156 EH 11555	PLATE	1	

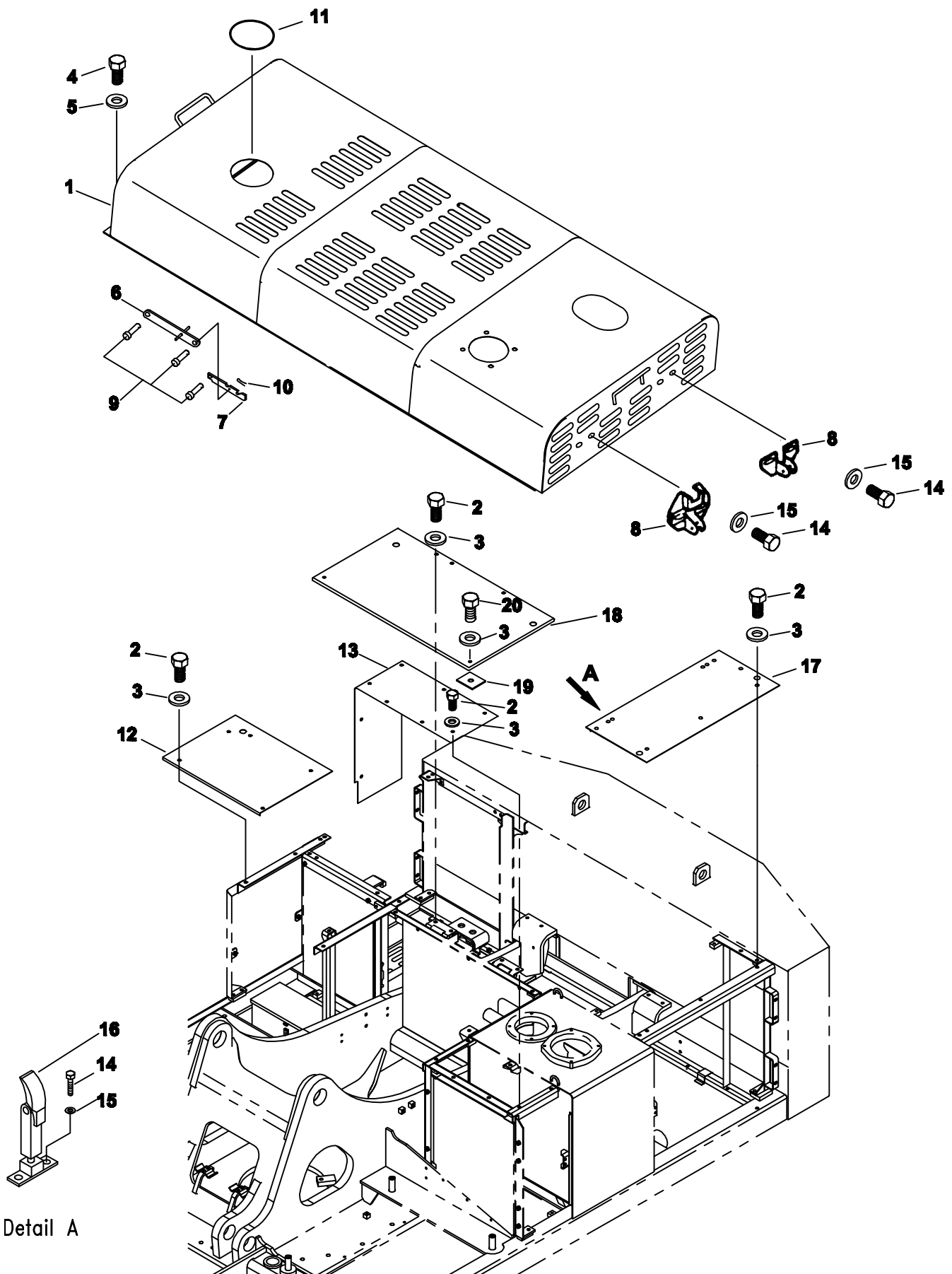
FIG. 5030 MACHINERY COMPARTMENT (3/6)



View A

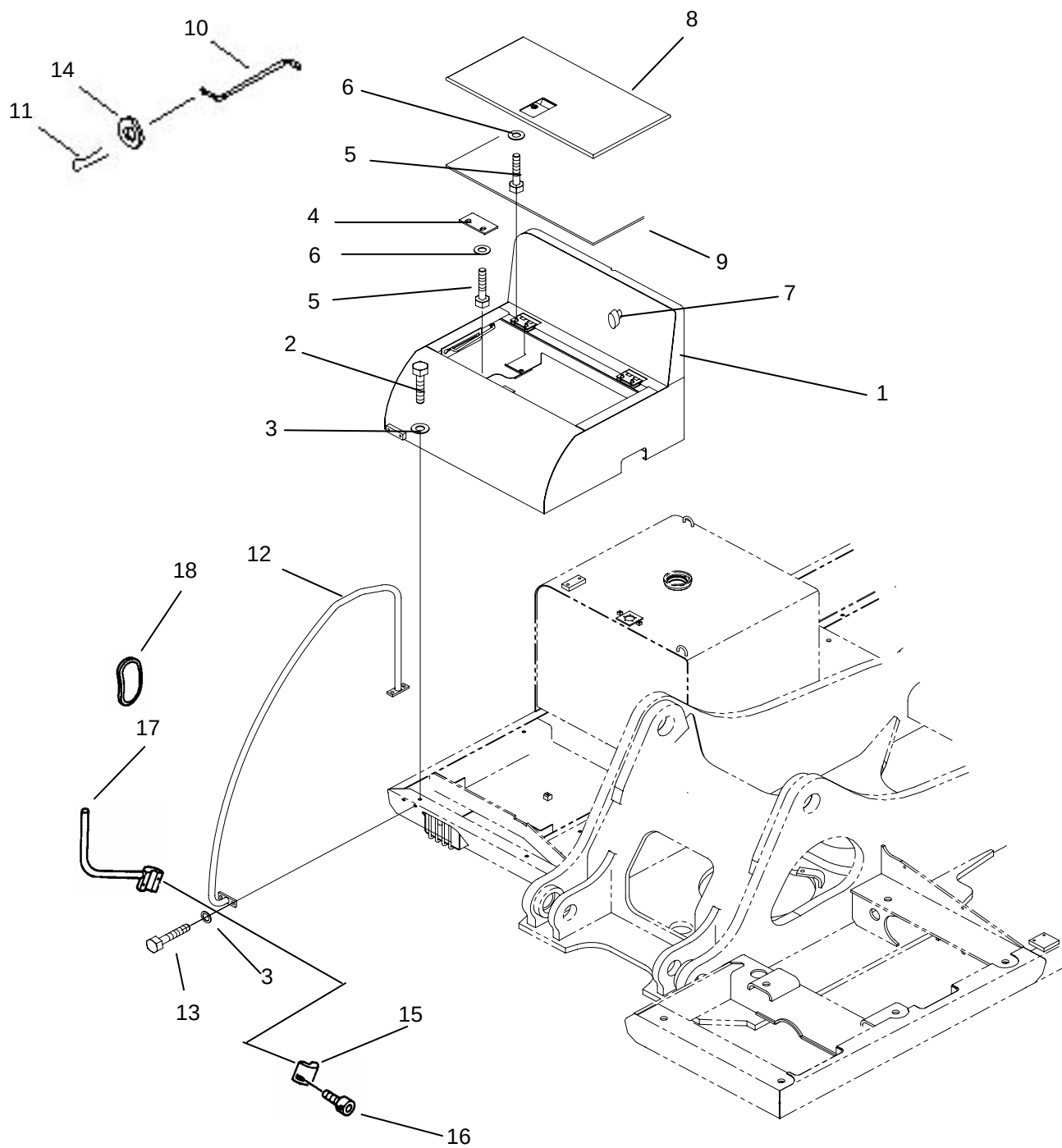
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	154 EH 02024	DOOR	1	
02	CFS01 31225	SCREW	14	
03	CFW05 12032	WASHER	14	
04	155 EH 12683	BAR	1	
05	155 EH 13063	SPRING	1	
06	CFS15 10408	SCREW	2	
07	CFW03 10408	WASHER	2	
08	CFP01 03218	PIN, COTTER	1	
09	156 EH 02264	COVER	1	
10	156 EH 12065	PLATE	1	

FIG 5040 MACHINERY COMPARTMENT (4/6)



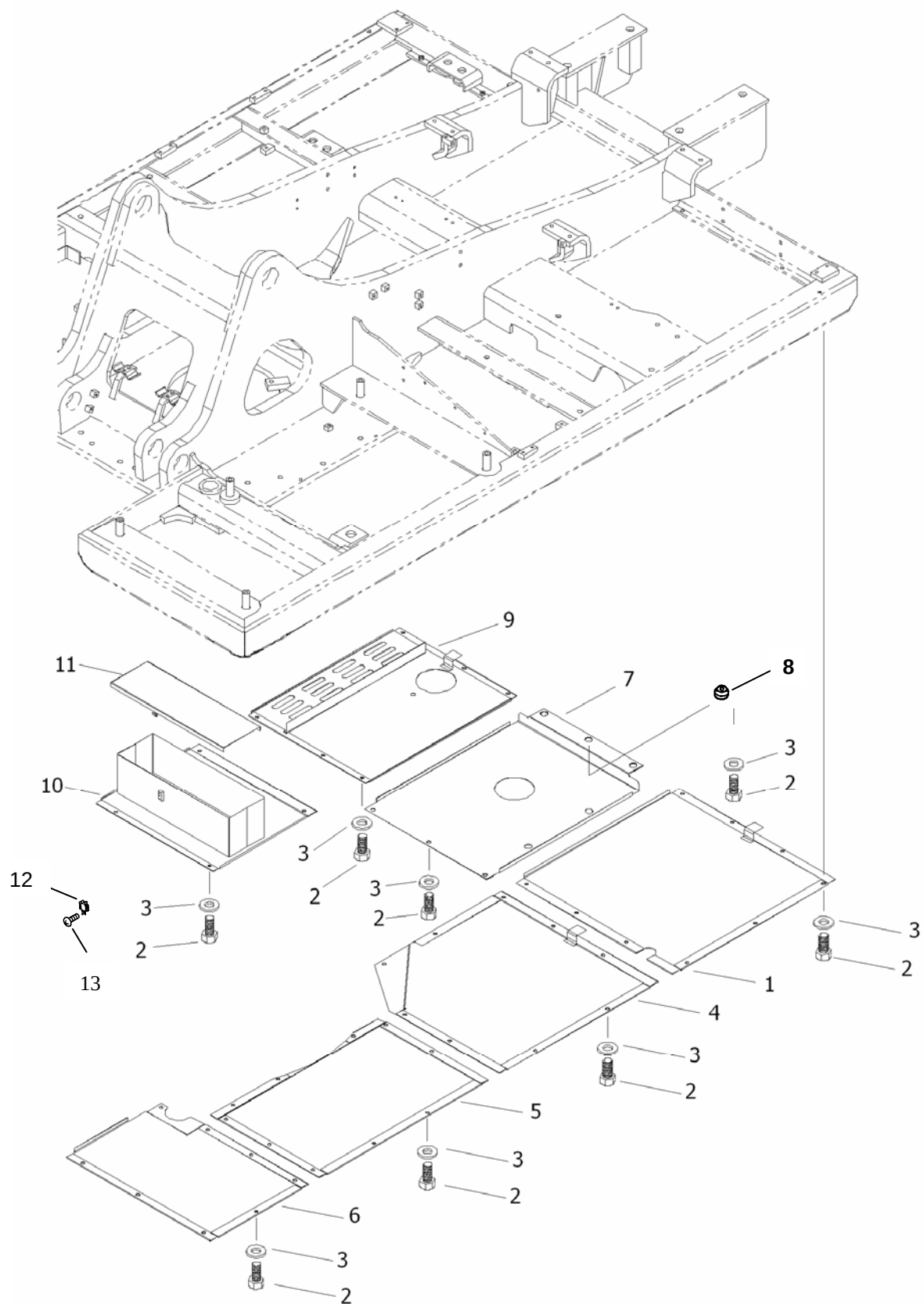
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 EH 03113	HOOD	1	
02	CFS01 31225	SCREW	28	
03	CFW05 12032	WASHER	30	
04	CFS01 31230	SCREW	4	
05	CFW05 12032	WASHER	4	
06	155 EH 02047	STAY	1	
07	155 EH 12691	STAY	1	
08	155 EH 92647	SUPPORT	2	
09	CFP02 11228	PIN	3	
10	CFP11 01218	PIN	1	
11	154 EH 60897	RUBBER BEADING	1	
12	156 EH 11588	PLATE	1	
13	156 EH 11571	PLATE	1	
14	CFS01 30825	SCREW	4	
15	CFW05 08023	WASHER	4	
16	155 EH 02436	CATCHER	2	
17	156 EH 02256	COVER	1	
18	156 EH 02297	COVER	1	
19	156 EH 61927	PAD	2	
20	CFS01 31230	SCREW	2	

FIG. 5050 MACHINERY COMPARTMENT (5/6)



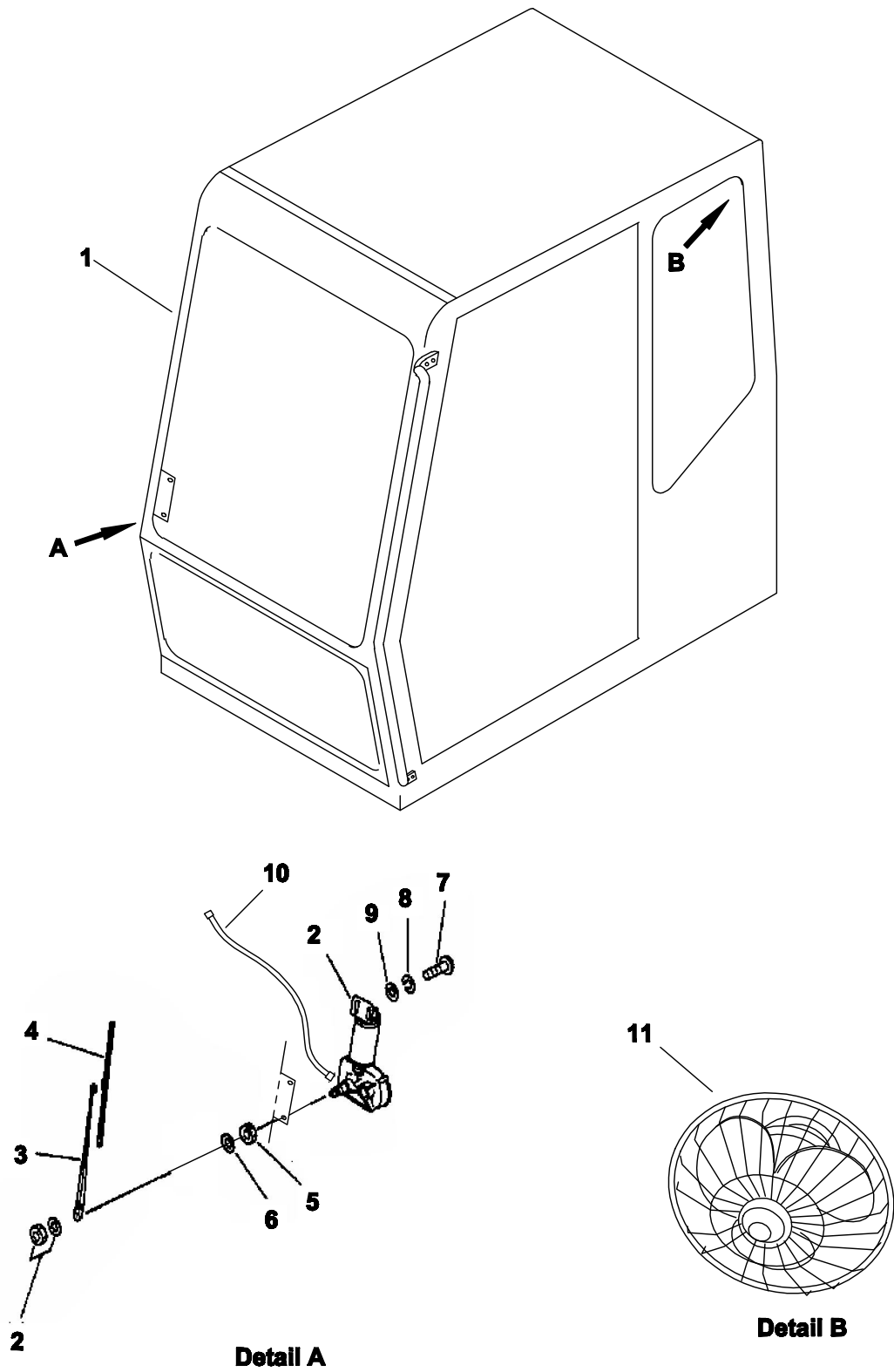
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	154 EH 03012	BATTERY BOX	1	
02	CFS01 31225	SCREW	4	
03	CFW05 12032	WASHER	8	
04	154 EH 10392	PLATE	1	
05	CFS01 21020	SCREW	6	
06	CFW01 11030	WASHER SPRING	6	
07	155 EH 63057	STOPPER	2	
08	154 EH 03029	DOOR	1	
09	154 EH 60386	SEAL	1	
10	154 EH 10408	ROD	1	
11	CFP01 01612	SPLIT PIN	2	
12	154 EH 02195	HAND RAIL ASSY.	1	
13	CFS01 31230	SCREW	4	
14	CFW05 06023	WASHER	2	
15	155 EH 12618	CLAMP	1	
16	CFS13 41025	SCREW	2	
17	155 EH 02306	SUPPORT	1	
18	375 FE 91323	MIRROR	1	

FIG. 5060 MACHINERY COMPARTMENT (6/6)



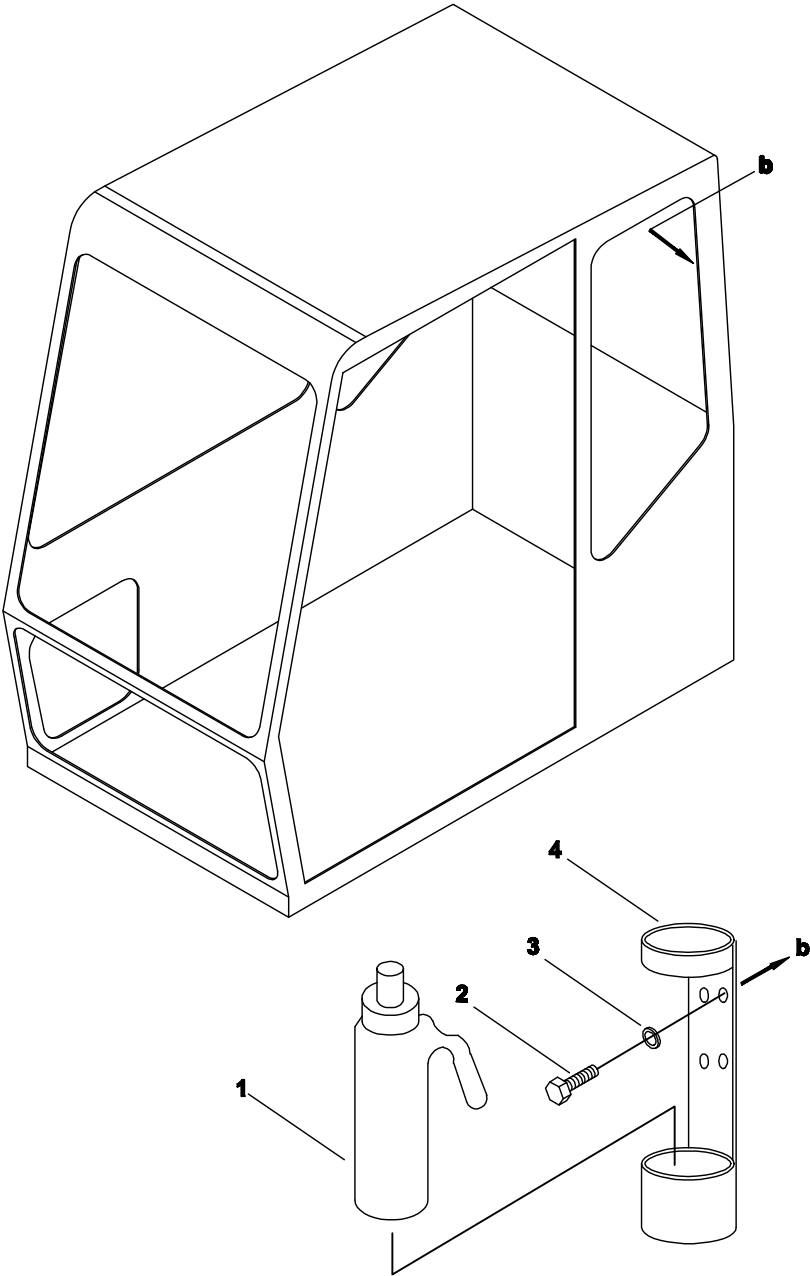
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 EH 02118	COVER	1	
02	CFS01 31225	SCREW	49	
03	CFW05 12032	WASHER	49	
04	156 EH 02142	COVER	1	
05	156 EH 11222	PLATE	1	
06	156 EH 11239	PLATE	1	
07	155 EH 11379	COVER	1	
08	155 EH 12626	COVER	3	
09	156 EH 02304	COVER	1	
10	156 EH 02231	COVER	1	
11	156 EH 02248	COVER	1	
12	135 FG 96086	CLIP CATCH	2	
13	CFS01 30512	SCREW	6	

FIG 5071 OPERATOR'S CAB (1/2)



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	155 CC 01025	OPERATOR, S CAB ASSY	1	OPTIONAL
02	155 CC 94558	. WIPER MOTOR ASSY	1	
03	155 CC 02508	. ARM	1	
04	155 CC 02492	. BLADE	1	
05	155 CC 14497	. NUT	2	
06	155 CC 14504	. WASHER	2	
07	CFS15 10516	. SCREW	2	
08	CFW01 10513	. WASHER, SPRING	2	
09	CFW02 10510	. WASHER	2	
10	155 EG 02166	WIRE HARNESS	1	
11	175 CC 02073	FAN 24V	1	

FIG 5081 OPERATOR'S CAB (2/2)

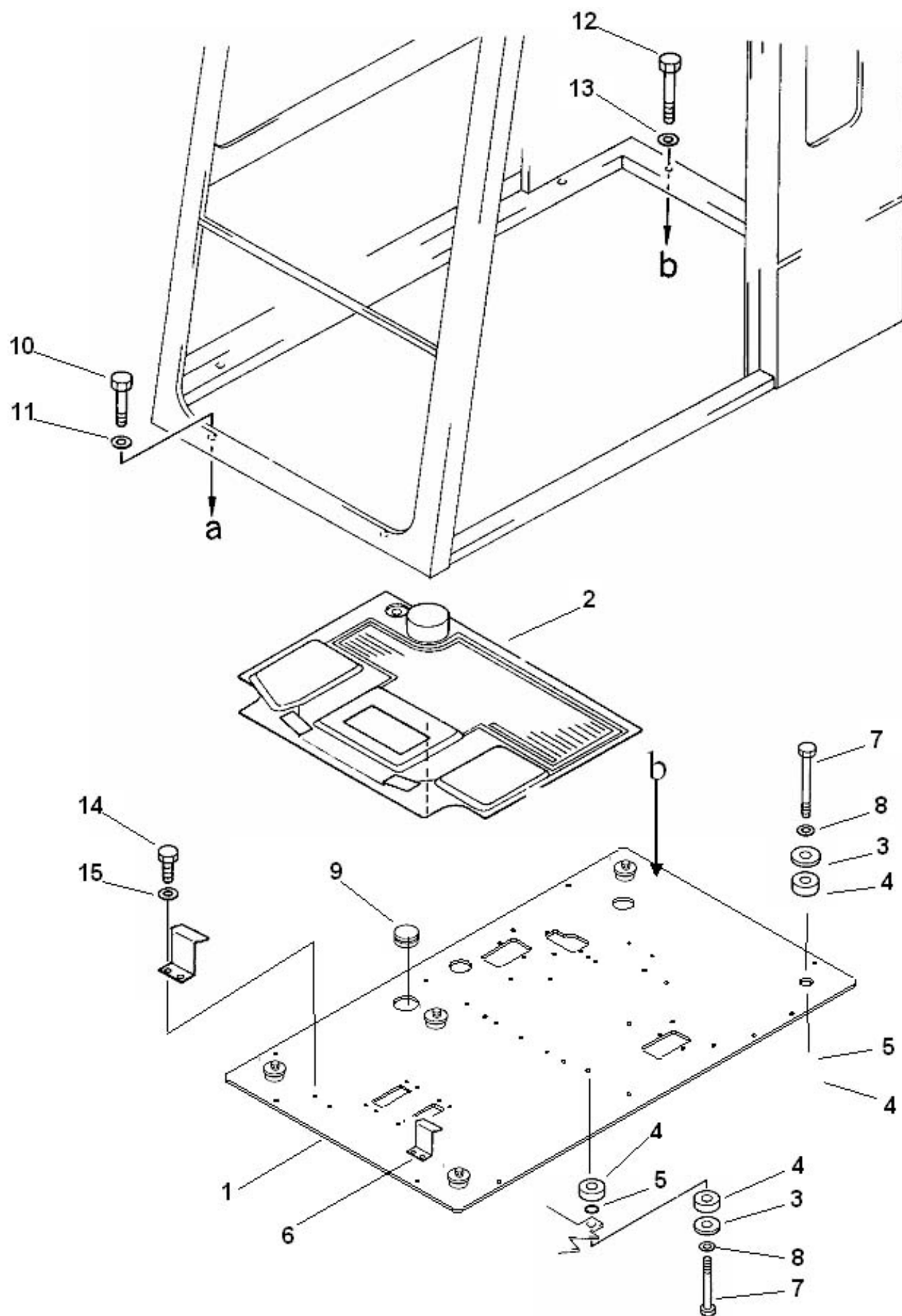


OPERATOR'S CAB (2/2)

FIG NO.5081

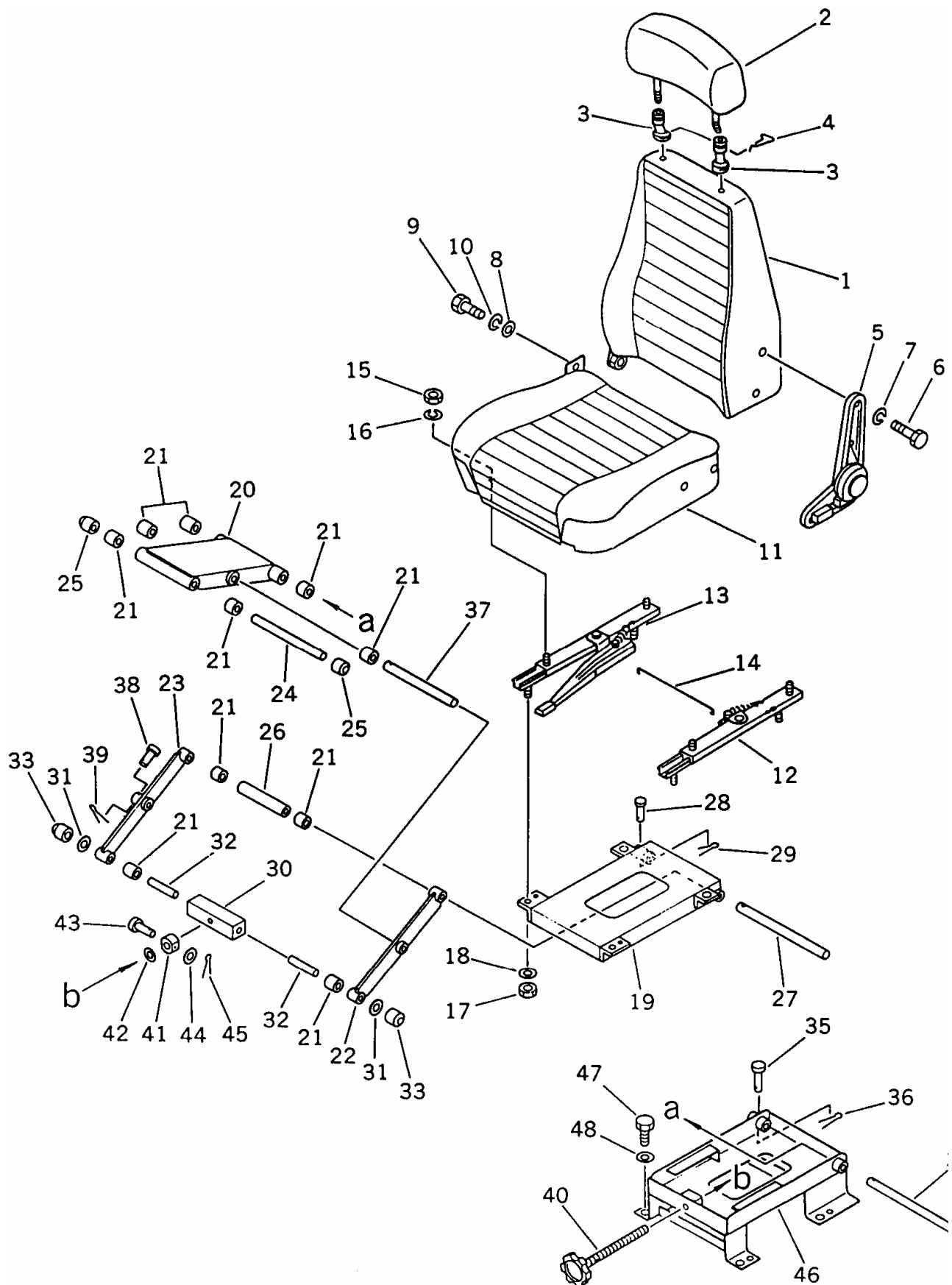
[illegible]

FIG: 5140 OPERATOR'S CAB, FLOOR FRAME



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 HP 02007	FRAME FLOOR	1	
02	156 HP 10018	MAT FLOOR	1	
03	113 CX 11773	PLATE	6	
04	155 HP 61156	CUSHION	12	
05	CHS01 13028	O RING	6	
06	155 C0 14001	BRACKET	2	
07	CFB02 21610	BOLT	6	
08	CFW05 16045	WASHER	6	
09	CGR05 05016	CAP	2	
10	CFB01 21250	BOLT	3	
11	CFW05 12032	WASHER	3	
12	CFB01 21270	BOLT	6	
13	CFW05 12032	WASHER	6	
14	CFS01 31025	SCREW	4	
15	CFW05 10032	WASHER	4	

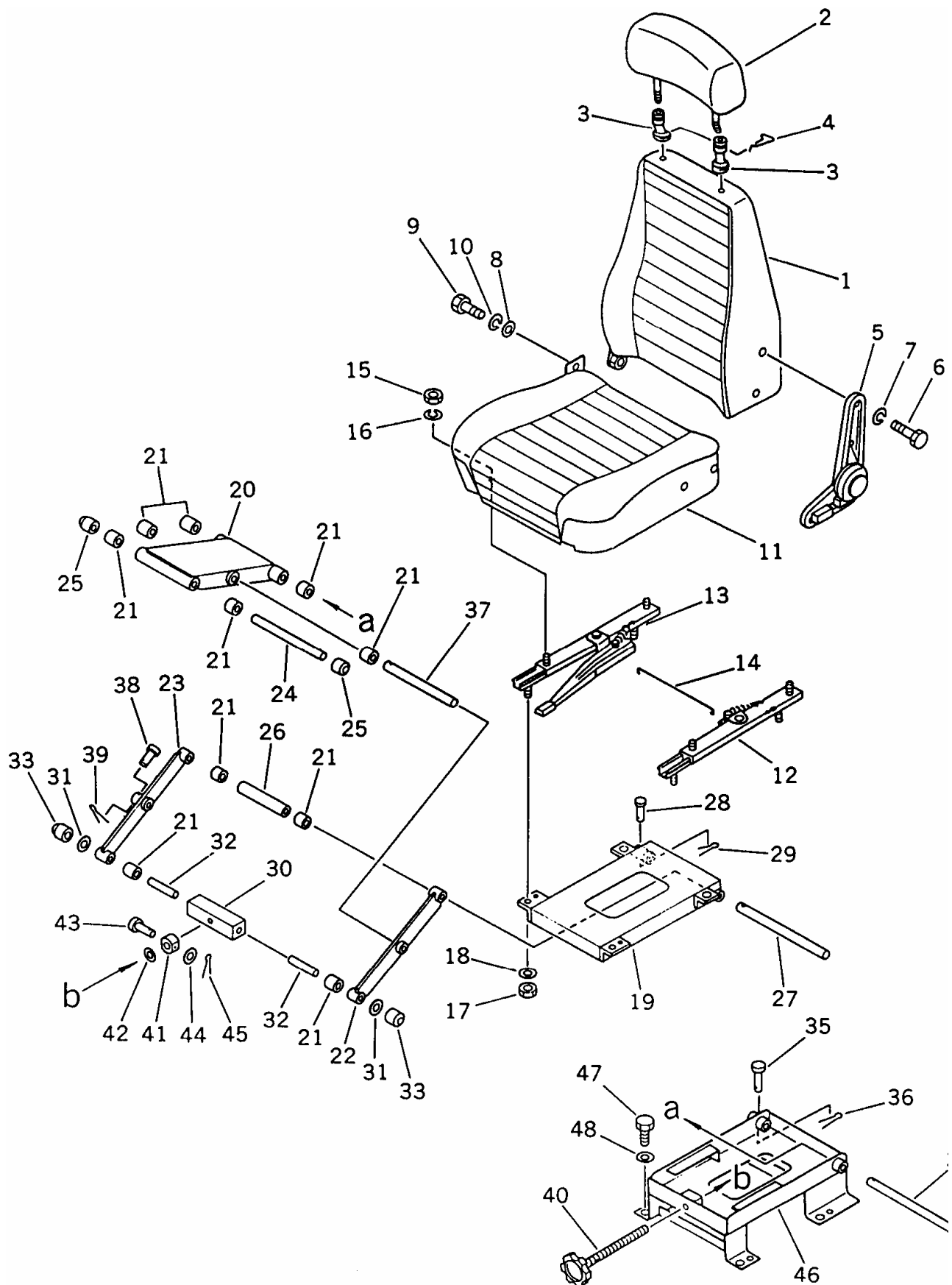
FIG: 5150 OPERATOR'S SEAT



OPERATOR'S SEAT
FIG NO.5150

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	155 OSB 0028	. SEAT ASSY	1	
01	155 OS 03018	.. CUSHION BACK	1	
02	155 OS 91211	.. REST HEAD	1	
03	*155 OS 71261	.. HOLDER	2	
04	*155 OS 11272	.. SPRING	2	
05	155 OS 91228	.. LEVER	1	
06	CFS01 31020	.. SCREW	4	
07	CFW01 11030	.. WASHER SPRING	4	
08	155 OS 11289	.. SPACER	1	
09	CFS01 31020	.. SCREW	1	
10	CFW01 11030	.. WASHER SPRING	1	
	155 OSB 0036	.. CUSHION ASSY	1	
11	*155 OS 03001	... CUSHION	1	
12	*155 OS 91236	... ADJUSTER	1	
13	*155 OS 91244	... ADJUSTER	1	
14	155 OS 11256	... BAR	1	
15	CFN01 21211	... NUT	4	
16	CFW01 11236	... WASHER SPRING	4	
17	CFN01 21211	. NUT	4	
18	CFW05 12032	. WASHER	4	
	155 OS 02013	. STAND ASSY	1	
19	155 OS 03034	.. BRACKET	1	
20	155 OS 03059	.. LINK	1	
21	155 OS 91699	.. BUSHING	10	
22	155 OS 03067	.. LINK	1	
23	155 OS 03075	.. LINK	1	
24	155 OS 11523	.. PIN	1	
25	155 OS 11701	.. ROLLER	2	
26	155 OS 11661	.. COLLAR	1	
27	155 OS 11515	.. PIN	1	
28	155 OS 11734	.. PIN	1	
29	CFP01 01610	.. PIN COTTER	1	
30	155 OS 11678	.. BAR	1	
31	155 OS 11718	.. SHIM 0.5MM	20	
32	155 OS 11726	.. PIN	2	
33	155 OS 11701	.. ROLLER	2	
34	155 OS 11491	.. PIN	1	
35	155 OS 11734	.. PIN	1	
36	CFP01 01610	.. PIN COTTER	1	
37	155 OS 11507	.. PIN	1	
38	155 OS 11734	.. PIN	1	

FIG: 5150 OPERATOR'S SEAT



OPERATOR'S SEAT

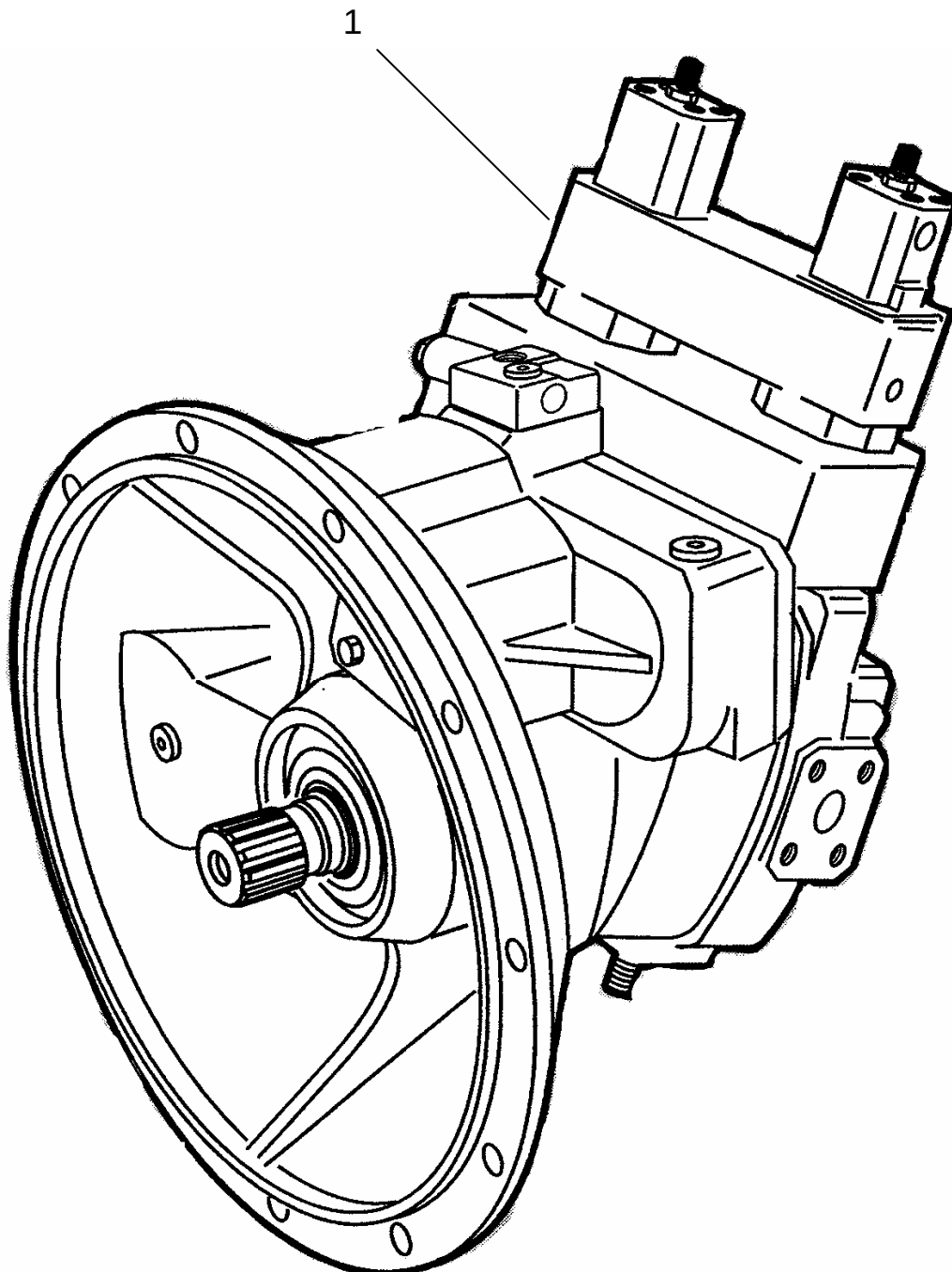
FIG NO.5150

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
39	CFP01 01610	.. PIN COTTER	1	
40	155 OS 03042	.. KNOB	1	
41	155 OS 11686	.. NUT	1	
42	CFW05 14045	.. WASHER	1	
43	155 OS 11556	.. PIN	1	
44	CFW03 10616	.. WASHER	1	
45	CFP01 01610	.. PIN COTTER	1	
46	155 OS 03026	.. BRACKET	1	
47	CFS01 31230	SCREW	4	
48	CFW05 12032	WASHER	4	

LEFT BLANK

VI. WORK EQUIPMENT CONTROL SYSTEM

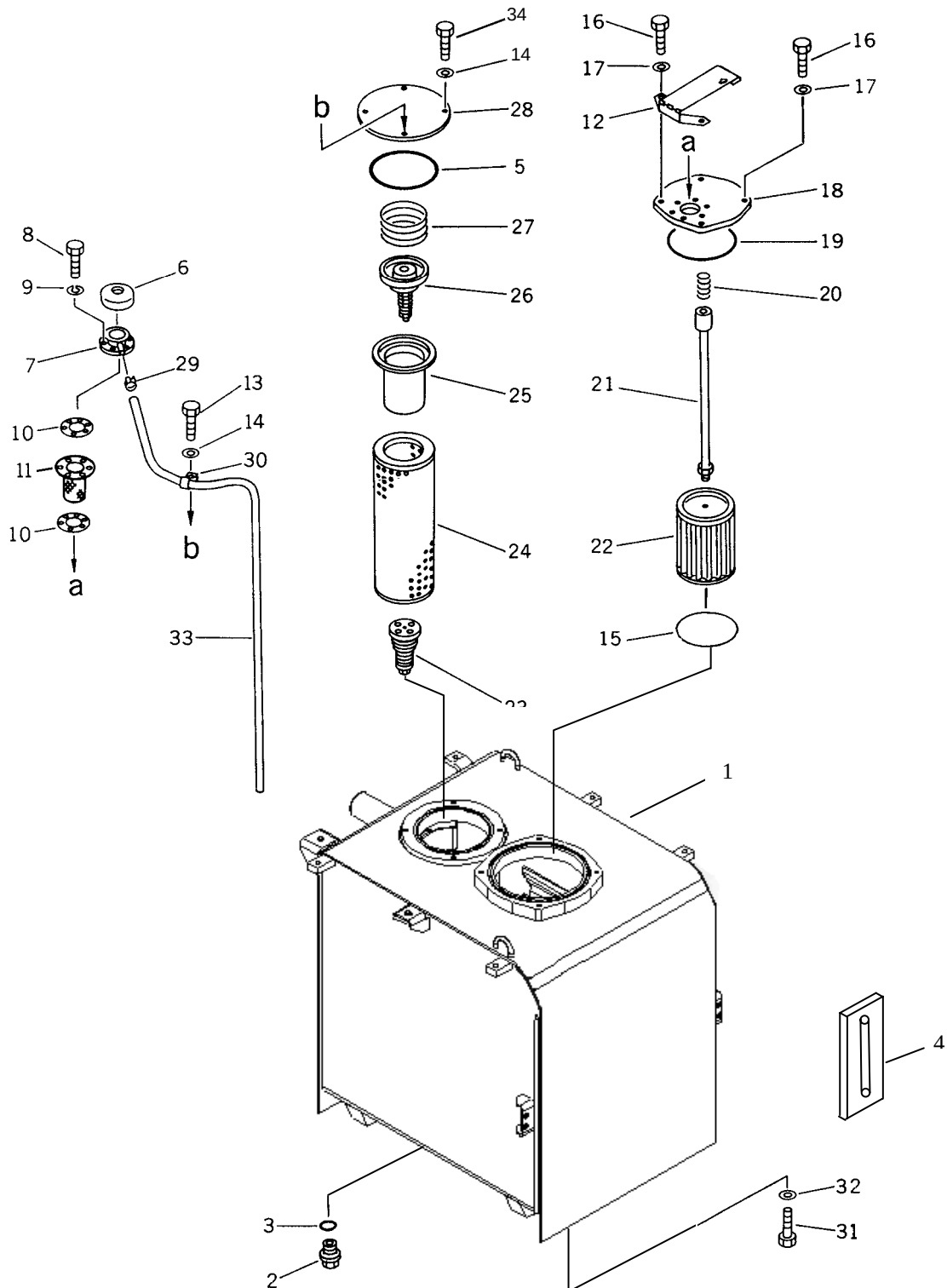
FIG: 6000 HYDRAULIC PUMP



HYDRAULIC PUMP**FIG NO.6000**

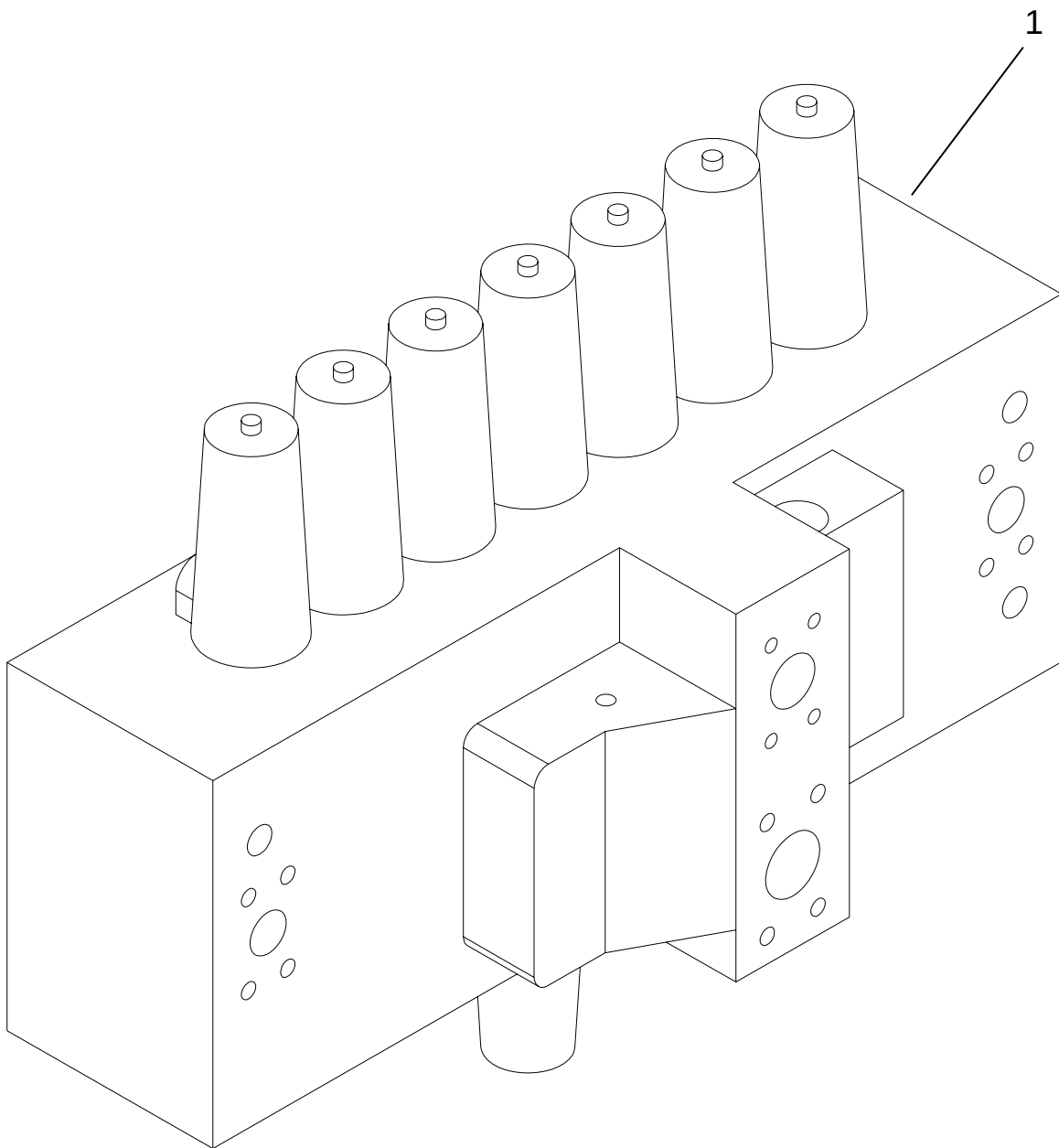
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 HM 91302	HYDRAULIC PUMP ASSY.	1	R902100245

FIG. 6080 HYDRAULIC TANK



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	156 HS 01043	HYDRAULIC TANK ASSY	1	
01	156 HS 02015	TANK, HYDRAULIC	1	
02	CPL03 13620	. PLUG	1	
03	CHS03 13634	. O RING	1	
04	762 HS 03279	. LEVEL INDICATOR	1	
05	CHS01 15180	. O RING	1	
06	155 HS 02058	. CAP ASSY	1	
07	155 HS 02041	. FILLER, NECK	1	
08	CFS15 10516	. SCREW	6	
09	CFW01 10513	. WASHER SPRING	6	
10	155 HS 71808	. GASKET	2	
11	171 HS 91047	. SCREEN	1	
12	155 HS 02147	. COVER ASSY.	1	
13	CFS01 31230	. SCREW	1	
14	CFW05 12032	. WASHER	5	
15	181 HS 61009	. O RING	1	
16	CFS01 31235	. SCREW	4	
17	CFW05 12032	. WASHER	4	
18	156 HS 02023	. COVER	1	
19	CHS01 05230	. O RING	1	
20	155 HS 11949	. SPRING	1	
21	156 HS 02031	. SUPPORT	1	
22	171 HS 91209	. STRAINER	1	
23	155 HS 02106	. VALVE ASSY.	1	
24	155 HS 02074	. FILTER ASSY.	1	
25	155 HS 02066	. STRAINER	1	
26	155 HS 02114	. VALVE ASSY	1	
27	155 HS 11957	. SPRING	1	
28	155 HS 11349	. COVER	1	
29	CCC08 00100	CLIP	1	
30	CCC06 11214	CLIP	1	
31	CFS01 31635	SCREW	4	
32	CFW05 16045	WASHER	4	
33	155 HS 71468	TUBE	1	
34	CFS01 31245	SCREW	4	

FIG: 6090 CONTROL VALVE

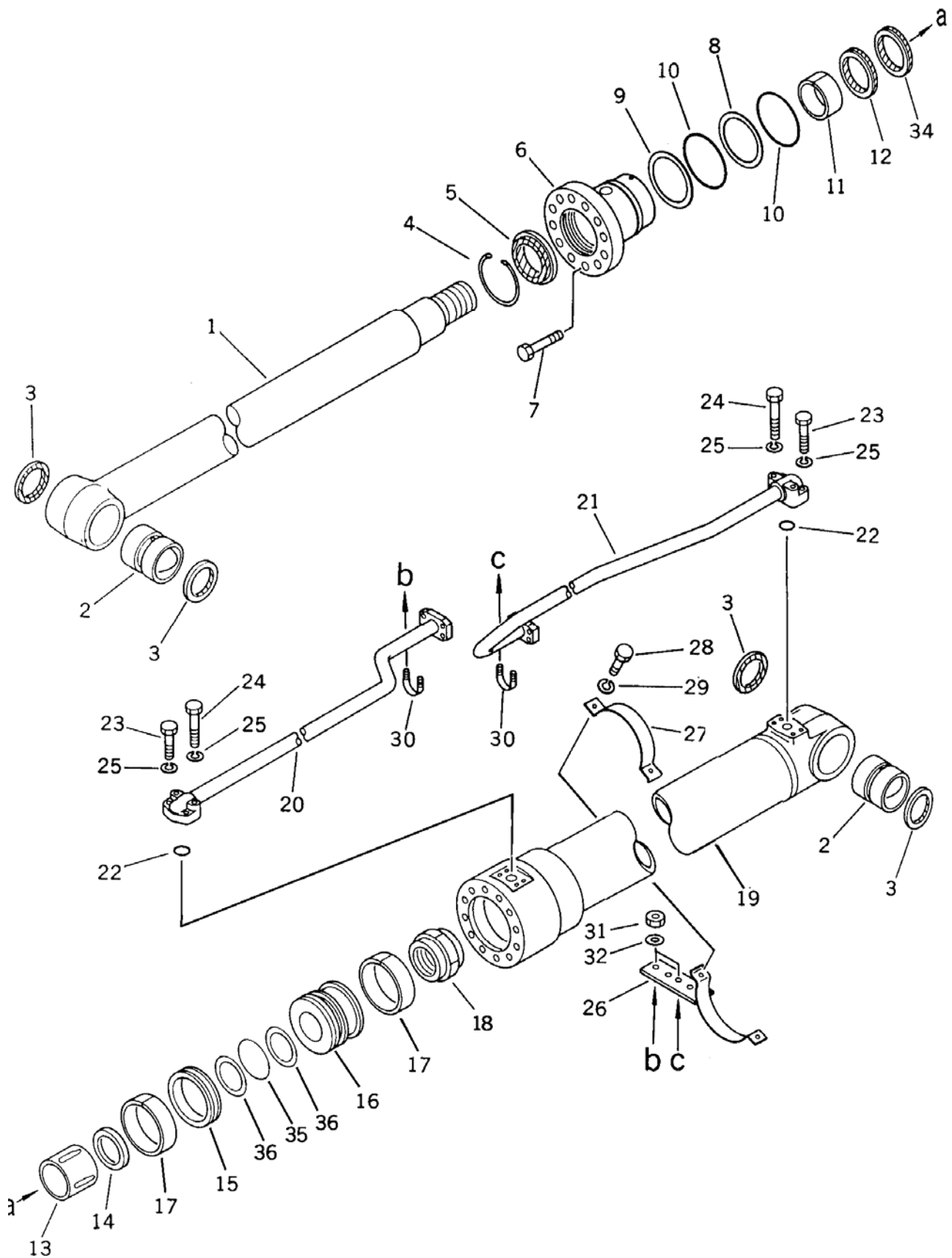


CONTROL VALVE

FIG NO.6090

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 HM 91335	CONTROL VALVE	1	R901098046

FIG: 6130 BOOM CYLINDER

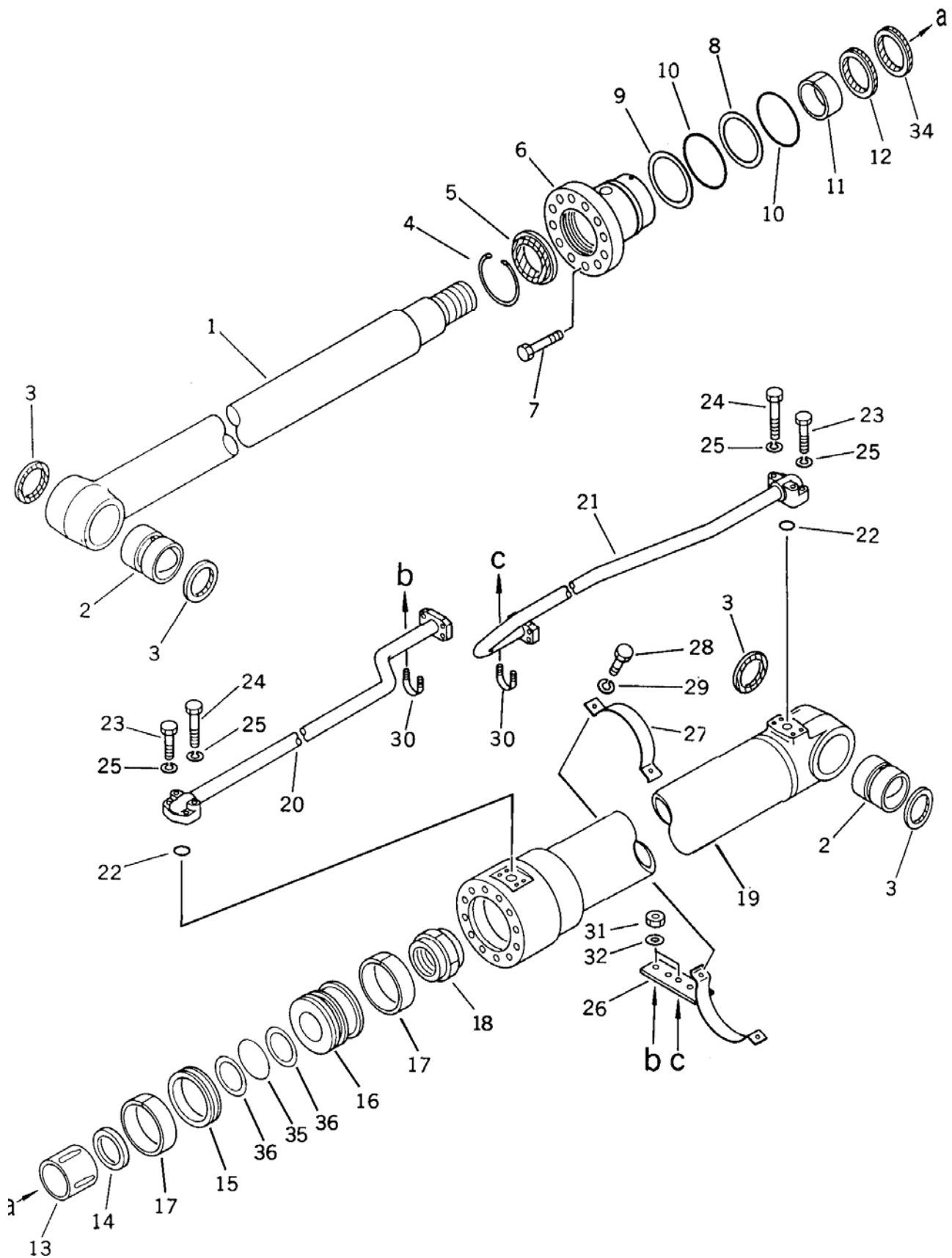


BOOM CYLINDER

FIG NO.6130

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	155 HC 09021	BOOM CYL ASSY LH	1	
	155 HC 09038	BOOM CYL ASSY RH	1	
01	155 HC 09102	. ROD PISTON	1	
02	155 HC 11784	. BUSHING	2	
03	CSD01 00080	. SEAL DUST	4	K1
04	CFL10 13104	. RING SNAP	1	
05	155 HC 61226	. SEAL DUST	1	K1
06	155 HC 19139	. HEAD CYLINDER	1	
07	CFB01 21670	. BOLT	12	
08	155 HC 79144	. RING BACK-UP	2	K1
09	155 HC 79152	. RING BACK-UP	1	K1
10	CHS01 15120	. O RING	2	K1
11	CSB02 09040	. BUSHING	1	K1
12	155 HC 99127	. PACKING ROD	1	K1
13	155 HC 19099	. PLUNGER	1	
14	155 HC 11613	. RETAINER	1	
15	155 HC 99087	. RING PISTON	1	K1
16	155 HC 19066	. PISTON	1	
17	155 HC 79071	. RING WEAR	2	K1
18	155 HC 91301	. NUT	1	K1
19	155 HC 02225	. CYLINDER	1	
20	155 HC 02233	. TUBE LH	1	
	155 HC 02266	. TUBE RH	1	
21	155 HC 02241	. TUBE LH	1	
	155 HC 02274	. TUBE RH	1	
22	CHS01 13030	. O RING	2	K1
23	CFB01 20845	. BOLT	4	
24	CFB01 20855	. BOLT	4	
25	CFW01 10825	. WASHER SPRING	8	
26	155 HC 02258	. BRACKET	1	
27	155 HC 11816	. BAND	1	
28	CFS01 31035	. SCREW	2	
29	CFW01 11030	. WASHER SPRING	2	
30	CCC07 22738	. CLIP	2	
31	CFN28 11011	. NUT	4	
32	CFW05 10032	. WASHER	4	
33	CFW06 16045	. WASHER	12	
34	155 HC 99119	. RING BUFFER	1	K1
35	CHS01 12070	. O RING	1	K1
36	CHS02 02070	. RING BACK-UP	2	K1
	\$CHC01 08048	. COVER	2	

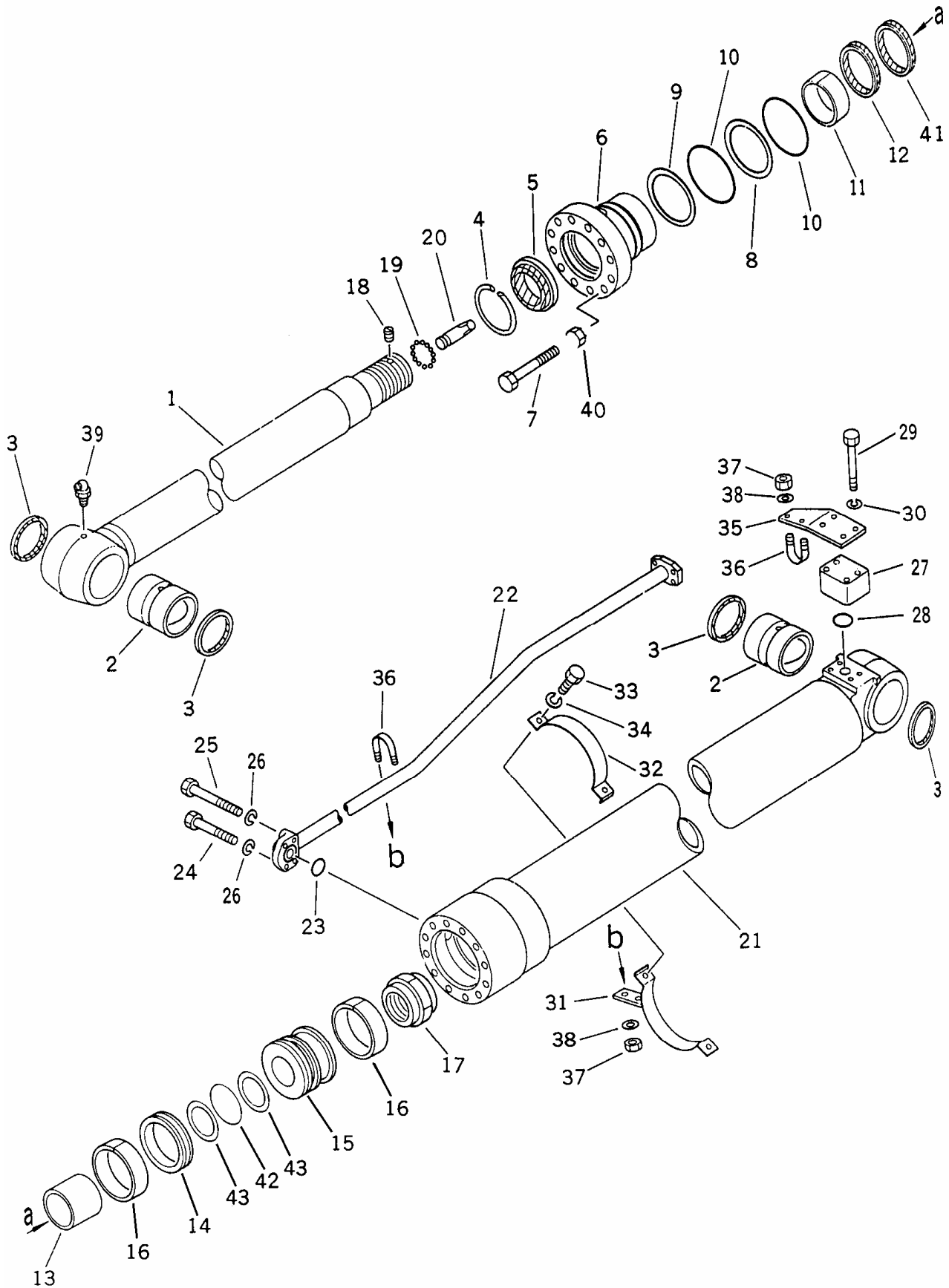
FIG: 6130 BOOM CYLINDER



BOOM CYLINDER**FIG NO.6130**

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#155 HC 02371	. SEAL KIT (K1)	1	

FIG: 6140 ARM CYLINDER

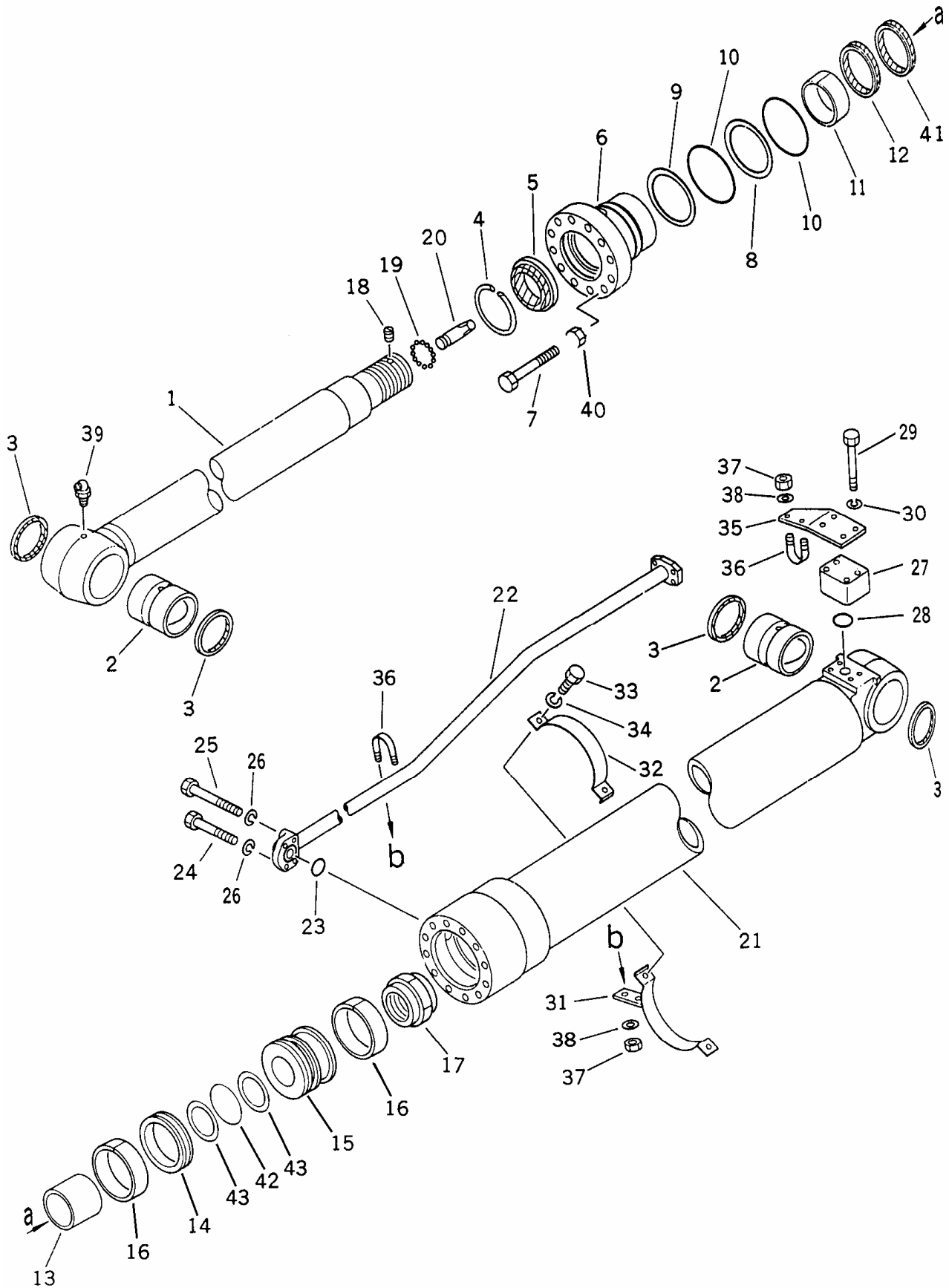


ARM CYLINDER

FIG NO.6140

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	155 HC 09046	ARM CYLINDER ASSY	1	
01	155 HC 09232	. ROD PISTON	1	
02	155 HC 11784	. BUSHING	2	
03	CSD01 00080	. SEAL DUST	4	K2
04	CFL10 13114	. RING SNAP	1	
05	155 HC 91959	. SEAL DUST	1	K2
06	155 HC 19269	. HEAD CYLINDER	1	
07	CFB07 21875	. BOLT	12	
08	155 HC 79241	. RING BACK-UP	2	K2
09	155 HC 79274	. RING BACK-UP	1	K2
10	CHS01 15130	. O RING	2	K2
11	CSB02 01040	. BUSHING	1	K2
12	155 HC 92014	. PACKING ROD	1	K2
13	155 HC 11662	. PLUNGER	1	
14	155 HC 99216	. RING PISTON	1	K2
15	155 HC 19025	. PISTON	1	
16	155 HC 79225	. RING WEAR	2	K2
17	155 HC 91301	. NUT	1	K2
18	155 HC 12034	. SCREW	1	
19	CBZ01 00635	. BALL	12	
20	155 HC 12026	. PLUNGER	1	
21	155 HC 02339	. CYLINDER	1	
22	155 HC 02347	. TUBE	1	
23	CHS01 13030	. O RING	1	K2
24	CFB01 20845	. BOLT	2	
25	CFB01 20855	. BOLT	2	
26	CFW01 10825	. WASHER SPRING	4	
27	155 HC 11962	. ELBOW	1	
28	CHS01 13030	. O RING	1	K2
29	CFB01 21080	. BOLT	4	
30	CFW01 11030	. WASHER SPRING	4	
31	155 HC 02355	. BAND	1	
32	155 HC 12067	. BAND	1	
33	CFS01 31035	. SCREW	2	
34	CFW01 21030	. WASHER SPRING	2	
35	155 HC 12042	. PLATE	1	
36	CCC07 22738	. CLIP	2	
37	CFN28 11011	. NUT	4	
38	CFW05 10032	. WASHER	4	
39	CLN01 10900	. GREASE NIPPLE	1	
40	155 HC 12075	. WASHER	12	

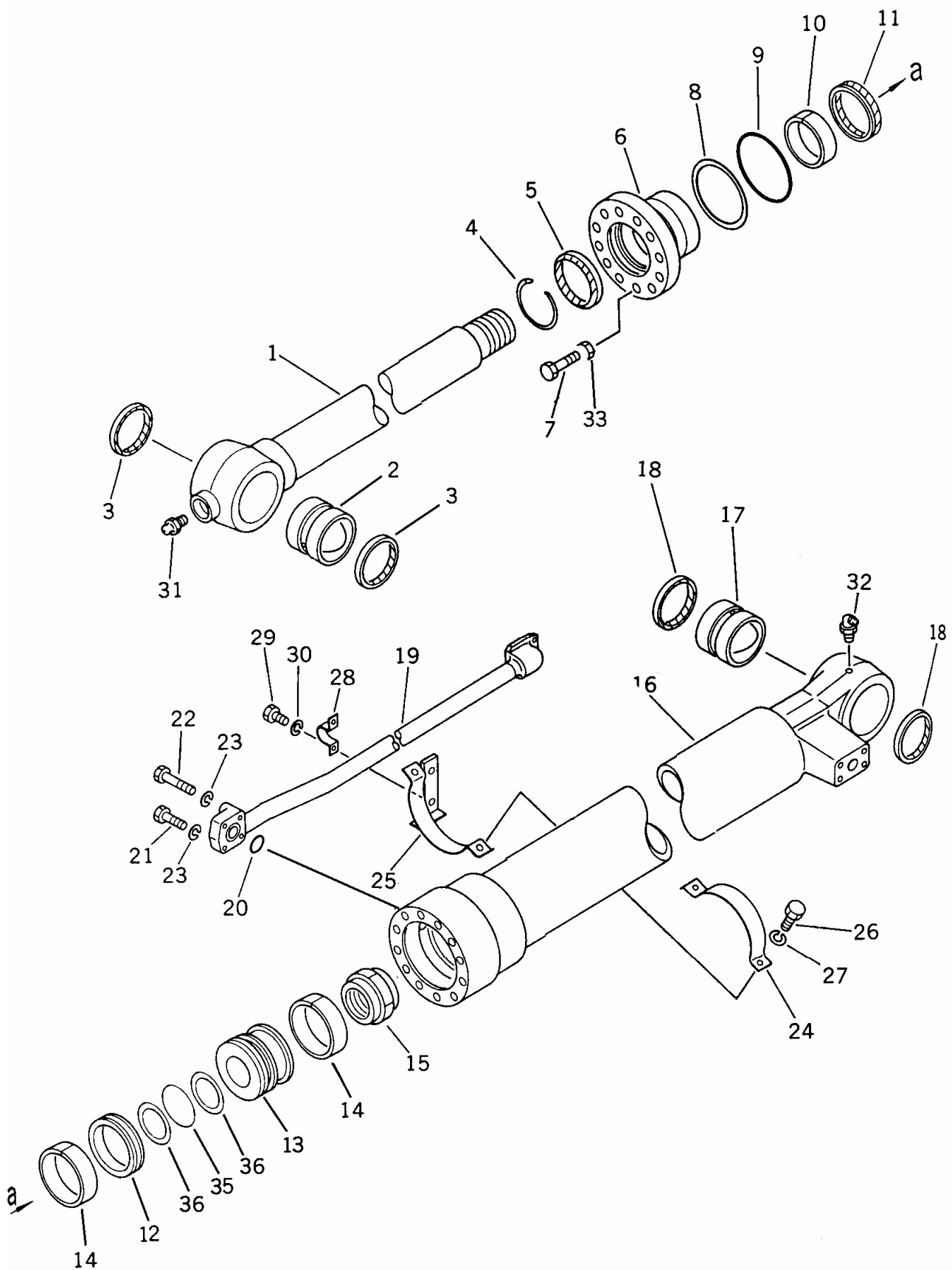
FIG: 6140 ARM CYLINDER



ARM CYLINDER
FIG NO.6140

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
41	155 HC 79258	. RING BUFFER	1	K2
42	CHS01 12070	. O RING	1	K2
43	CHS02 02070	. RING BACK-UP	2	K2
	\$CHC01 08048	. COVER	1	
	\$CHC01 10052	. COVER	1	
	#155 HC 02388	. SEAL KIT (K2)	1	

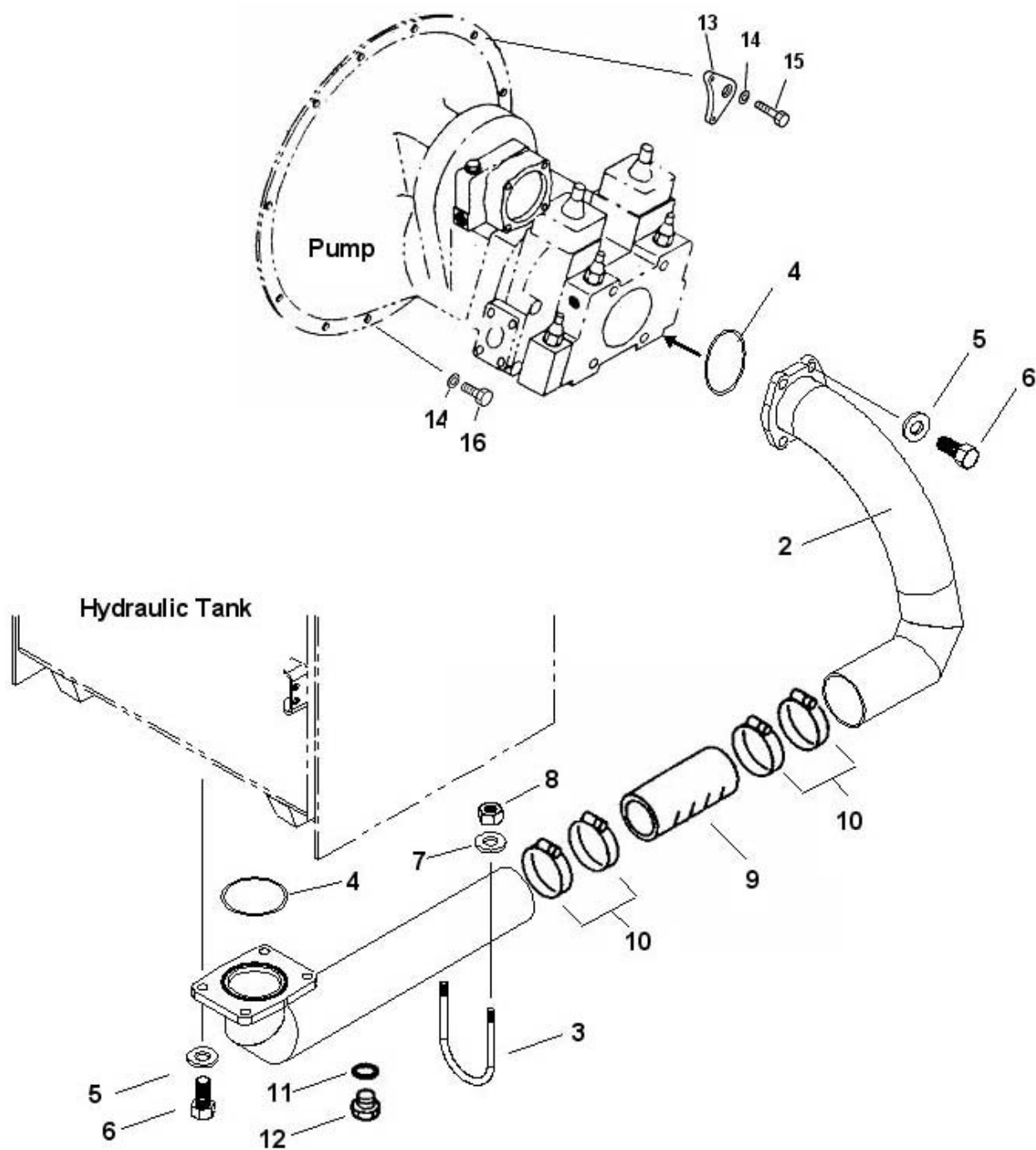
FIG: 6150 BUCKET CYLINDER



BUCKET CYLINDER
FIG NO.6150

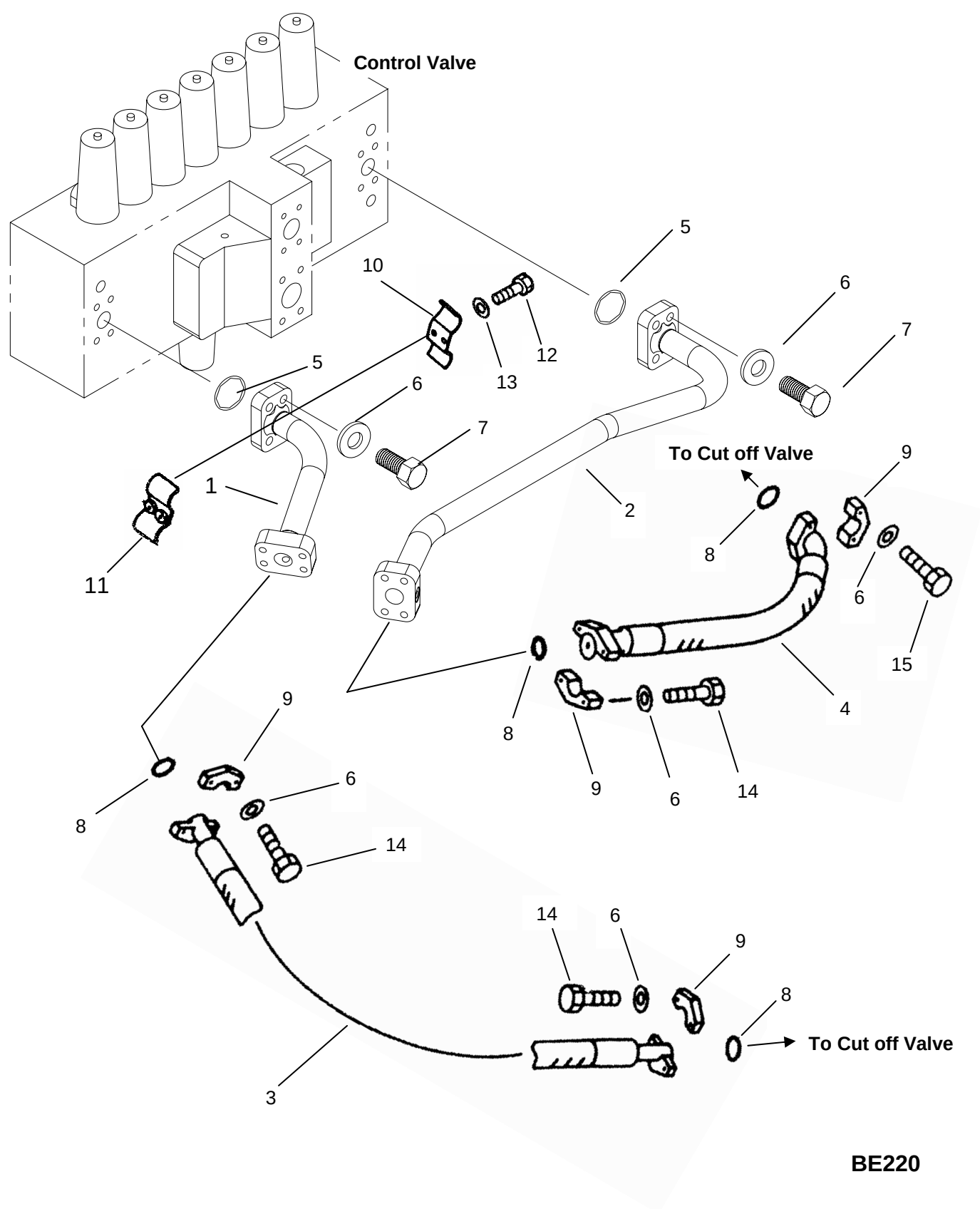
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	155 HC 09054	BUCKET CYLINDER ASSY	1	
01	155 HC 09176	. ROD PISTON	1	
02	155 HC 11905	. BUSHING	1	
03	155 HC 91934	. SEAL DUST	2	K3
04	CFL10 13104	. RING SNAP	1	
05	155 HC 61226	. SEAL DUST	1	K3
06	155 HC 19188	. HEAD CYLINDER	1	
07	CFB01 21660	. BOLT	12	
08	155 HC 79152	. RING BACK-UP	1	K3
09	CHS01 15120	. O RING	1	K3
10	CSB02 09040	. BUSHING	1	K3
11	155 HC 99127	. PACKING ROD	1	K3
12	155 HC 99087	. RING PISTON	1	K3
13	155 HC 19066	. PISTON	1	
14	155 HC 79071	. RING WEAR	2	K3
15	155 HC 91301	. NUT	2	K3
16	155 HC 02299	. CYLINDER	1	
17	155 HC 11784	. BUSHING	1	
18	CSD01 00080	. SEAL DUST	2	K3
19	155 HC 02306	. TUBE	1	
20	CHS01 13030	. O RING	1	K3
21	CFB01 20845	. BOLT	2	
22	CFB01 20855	. BOLT	2	
23	CFW01 10825	. WASHER SPRING	4	
24	155 HC 02314	. BAND	2	
25	155 HC 11816	. BAND	2	
26	CFS01 31035	. SCREW	4	
27	CFW01 11030	. WASHER SPRING	4	
28	CCC02 27067	. CLAMP	2	
29	CFS01 31020	. SCREW	4	
30	CFW01 11030	. WASHER SPRING	4	
31	CLN01 10000	. GREASE NIPPLE	1	
32	CLN01 10900	. GREASE NIPPLE	1	
33	CFW06 16045	. WASHER	12	
34	155 HC 99119	. RING BUFFER	1	K3
35	CHS01 12070	. O RING	1	K3
36	CHS02 02070	. RING BACK-UP	2	K3
	\$CHC01 08048	. COVER	2	
	#155 HC 02396	. SEAL KIT (K3)	1	

FIG: 6160 HYDRAULIC PIPING (TANK TO PUMP)



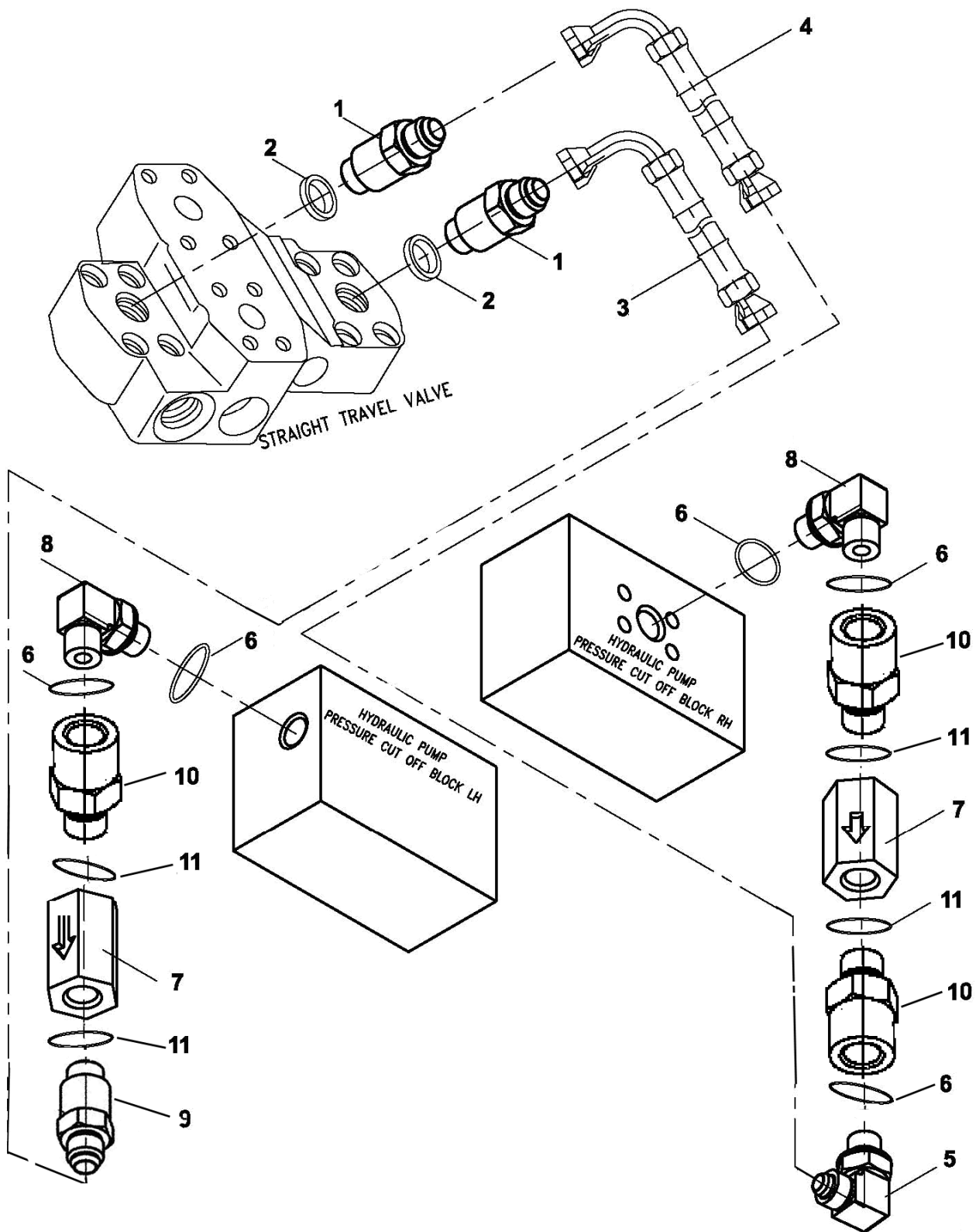
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 PM 02005	SUCTION TUBE ASSY.	1	
02	156 PM 02013	TUBE ASSY.	1	
03	156 PM 10073	CLAMP	1	
04	CHS01 02105	O-RING	2	
05	CFW05 16045	WASHER	8	
06	CFS01 31630	SCREW	8	
07	CFW05 12032	WASHER	2	
08	CFN28 21214	NUT	2	
09	CHH30 29922	HOSE	1	
10	CCC01 13020	CLAMP	4	
11	CHS03 12434	O-RING	1	
12	CPL06 12414	PLUG	1	
13	156 PM 10608	PLATE	1	
14	CFW05 10032	WASHER	12	
15	CFB01 21055	BOLT	2	
16	CFB01 21040	BOLT	10	

FIG: 6170 HYDRAULIC PIPING (CONTROL VALVE TO PUMP)



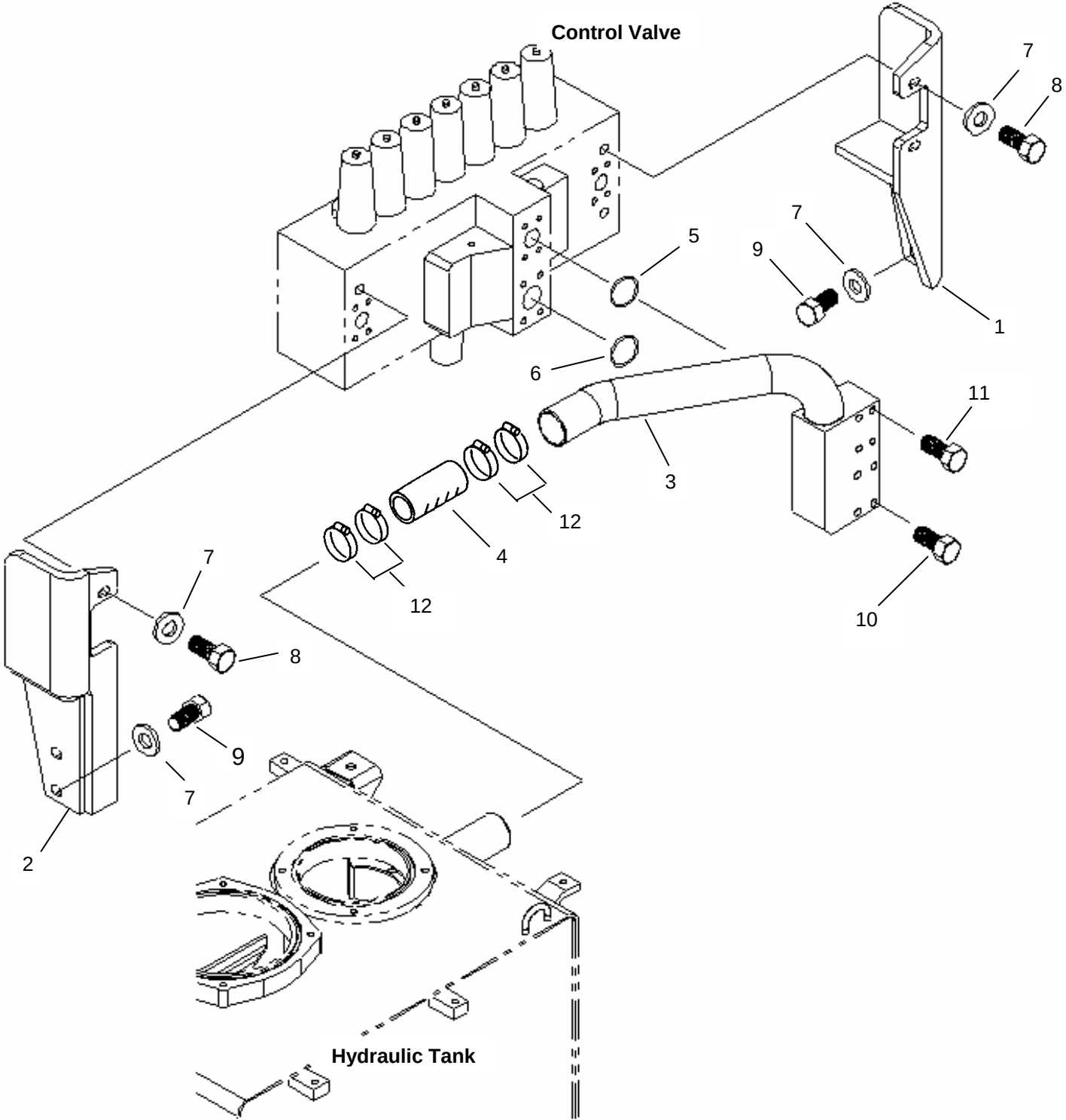
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 PM 02054	TUBE ASSY.	1	
02	156 PM 02062	TUBE ASSY.	1	
03	156 PM 90467	HOSE	1	
04	156 PM 90475	HOSE	1	
05	CHS01 13035	O-RING	2	
06	CFW05 12032	WASHER	24	
07	CFS01 31235	SCREW	8	
08	156 PM 60529	O-RING	4	
09	156 PM 10543	SPLIT FLANGE	8	
10	160 PH 11534	CLAMP	1	
11	160 PH 02195	CLAMP	1	
12	CFS01 31030	BOLT	2	
13	CFW05 10032	WASHER	2	
14	CFS01 31240	SCREW	12	
15	CFB01 21295	BOLT	4	

FIG: 6180 HYDRAULIC PIPING (TRAVEL LOGIC)



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 PM 12188	ADAPTOR	2	
02	CHS01 13022	O-RING	2	
03	156 ZZ 11585	HOSE ASSY 1600 mm	1	
04	156 ZZ 11593	HOSE ASSY 1300 mm	1	
05	CPF22 10422	ELBOW	1	
06	CHS03 12034	O-RING	6	
07	156 HS 91408	CHECK VALVE	2	
08	155 PH 02326	TEE	2	
09	790 PH 11148	ADAPTER	1	
10	156 ZZ 11699	ADAPTER	3	
11	CHS01 13022	O RING	4	

FIG: 6190 HYDRAULIC PIPING (CONTROL VALVE TO TANK (RETURN LINE))

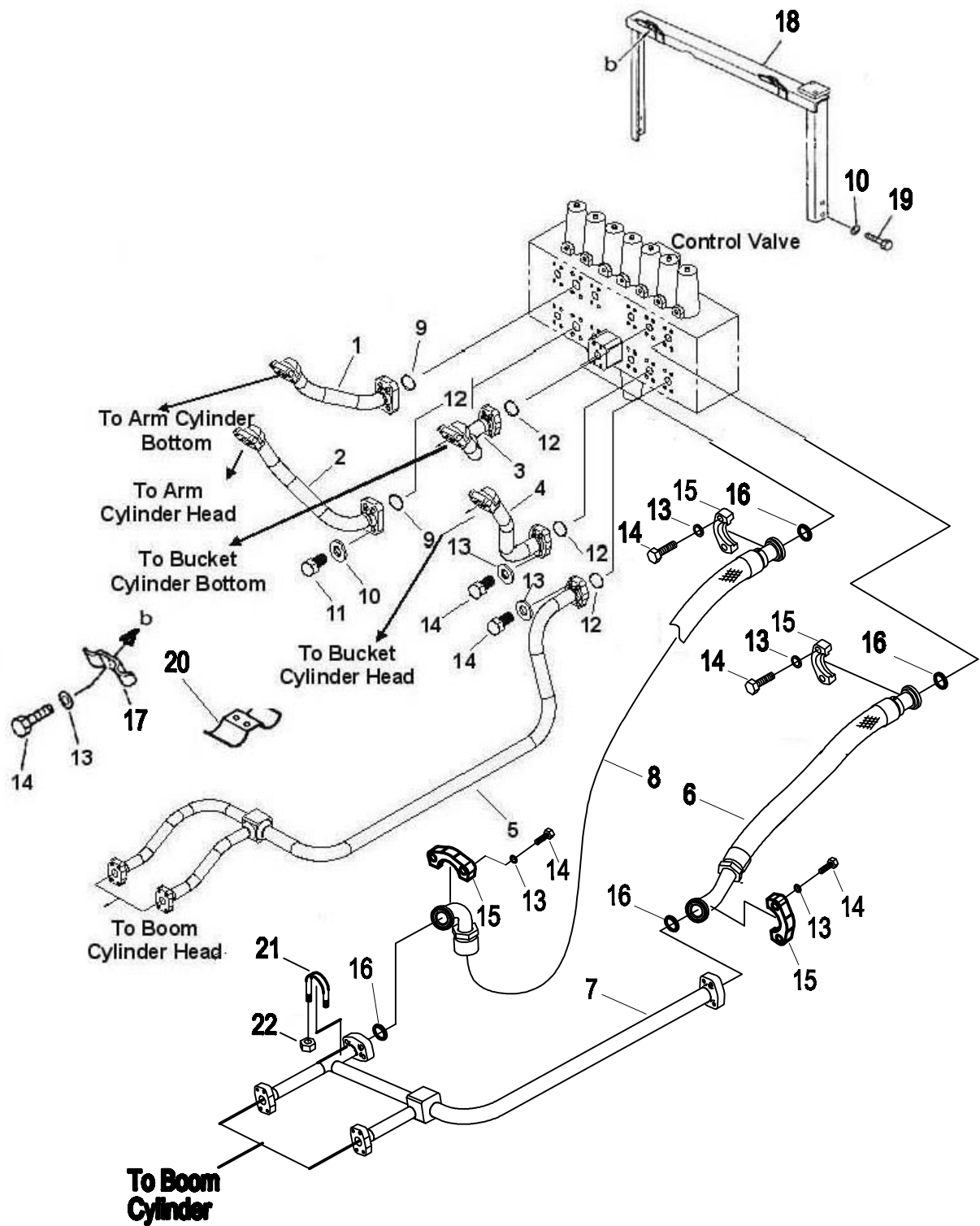


HYDRAULIC PIPING (CONTROL VALVE TO TANK)

FIG NO.6190

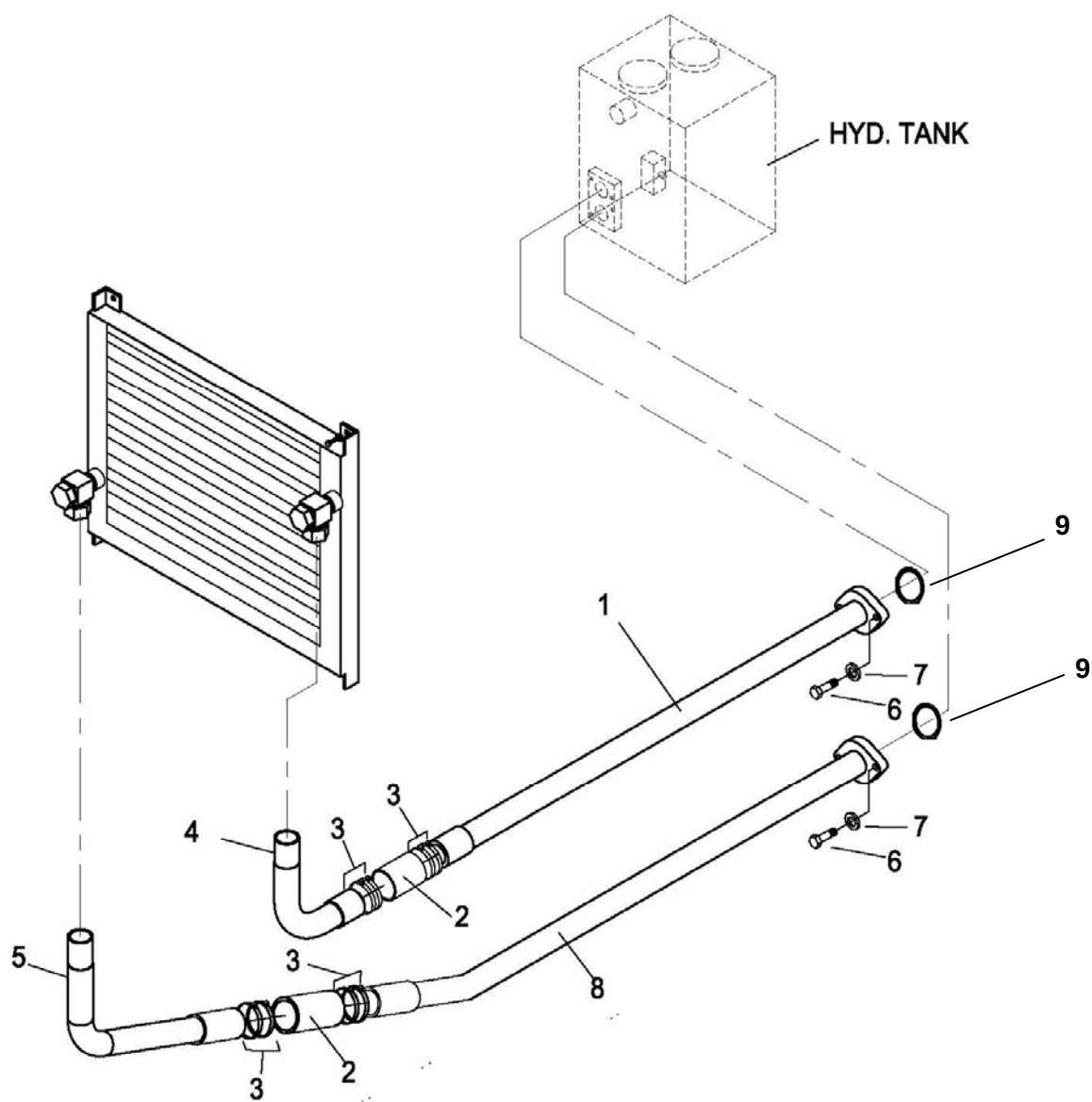
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 PM 02176	BRACKET	1	
02	156 PM 02184	BRACKET	1	
03	156 PM 02021	TUBE ASSY.	1	
04	156 PM 90572	HOSE	1	
05	CHS01 13038	O-RING	1	
06	CHS01 13045	O-RING	1	
07	CFW05 16045	WASHER	7	
08	CFS01 31635	SCREW	3	
09	CFS01 31640	SCREW	4	
10	CFS13 12070	SCREW, ALLEN	4	
11	CFS13 11070	SCREW, ALLEN	4	
12	CCC01 09020	CLAMP	4	

**FIG 6200 HYDRAULIC PIPING(ARM, BUCKET & BOOM CYLINDER LINE)
(CHASSIS SIDE)**



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 PM 02095	TUBE ASSY.	1	
02	156 PM 02102	TUBE ASSY.	1	
03	156 PM 02119	TUBE ASSY.	1	
04	156 PM 02127	TUBE ASSY.	1	
05	156 PM 02135	TUBE ASSY.	1	
06	156 PM 92313	HOSE ASSY.	1	
07	156 PM 02532	TUBE ASSY.	1	
08	781 PH 92111	HOSE ASSY	1	
09	CHS01 13035	O-RING	3	
10	CFW05 12032	WASHER	12	
11	CFS01 31235	SCREW	8	
12	155 PH 61927	O-RING	3	
13	CFW05 10032	WASHER	32	
14	CFS01 31035	SCREW	36	
15	156 PM 10535	SPLIT FLANGE	8	
16	156 PM 60512	O RING	4	
17	160 PH 11534	CLAMP	2	
18	155 PH 02253	BRACKET	1	
19	CFS01 31230	SCREW	4	
20	160 PH 02195	CLAMP	2	
21	CCC07 22738	CLAMP	1	
22	CFN28 21011	NUT	2	

FIG: 6210 OIL COOLER PIPING

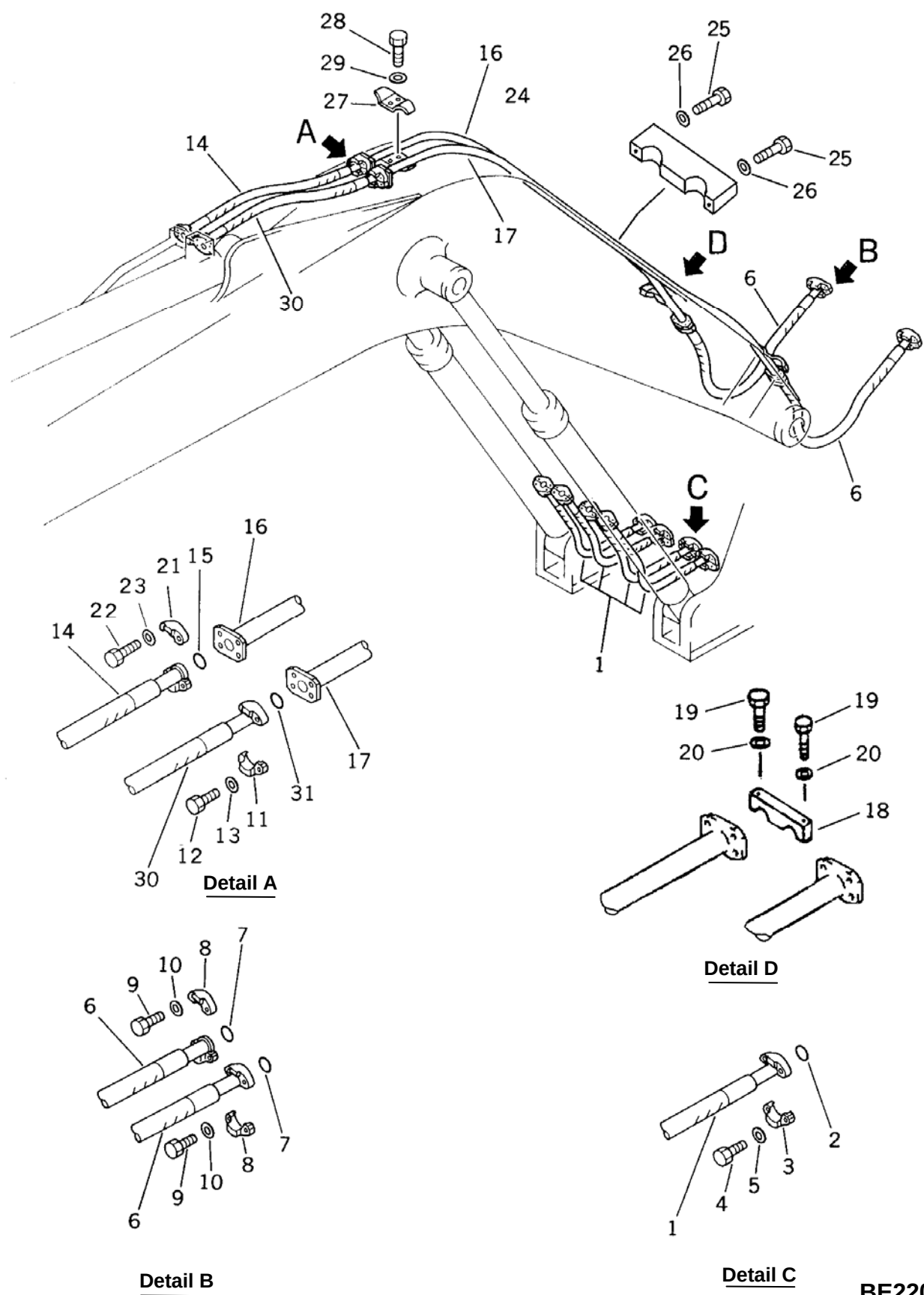


OIL COOLER PIPING

FIG NO.6210

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 EC 03044	PIPE ASSY.	1	
02	155 PH 93752	HOSE	2	
03	CCC01 08020	CLAMP	8	
04	156 EC 03028	PIPE ASSY.	1	
05	156 EC 03036	PIPE ASSY.	1	
06	CFS01 31035	SCREW	4	
07	CFW05 10032	WASHER	4	
08	156 PM 02046	PIPE ASSY.	1	
09	CHS01 12065	O-RING	2	

FIG: 6220 HYDRAULIC PIPING (BOOM AND ARM CYLINDER LINE)

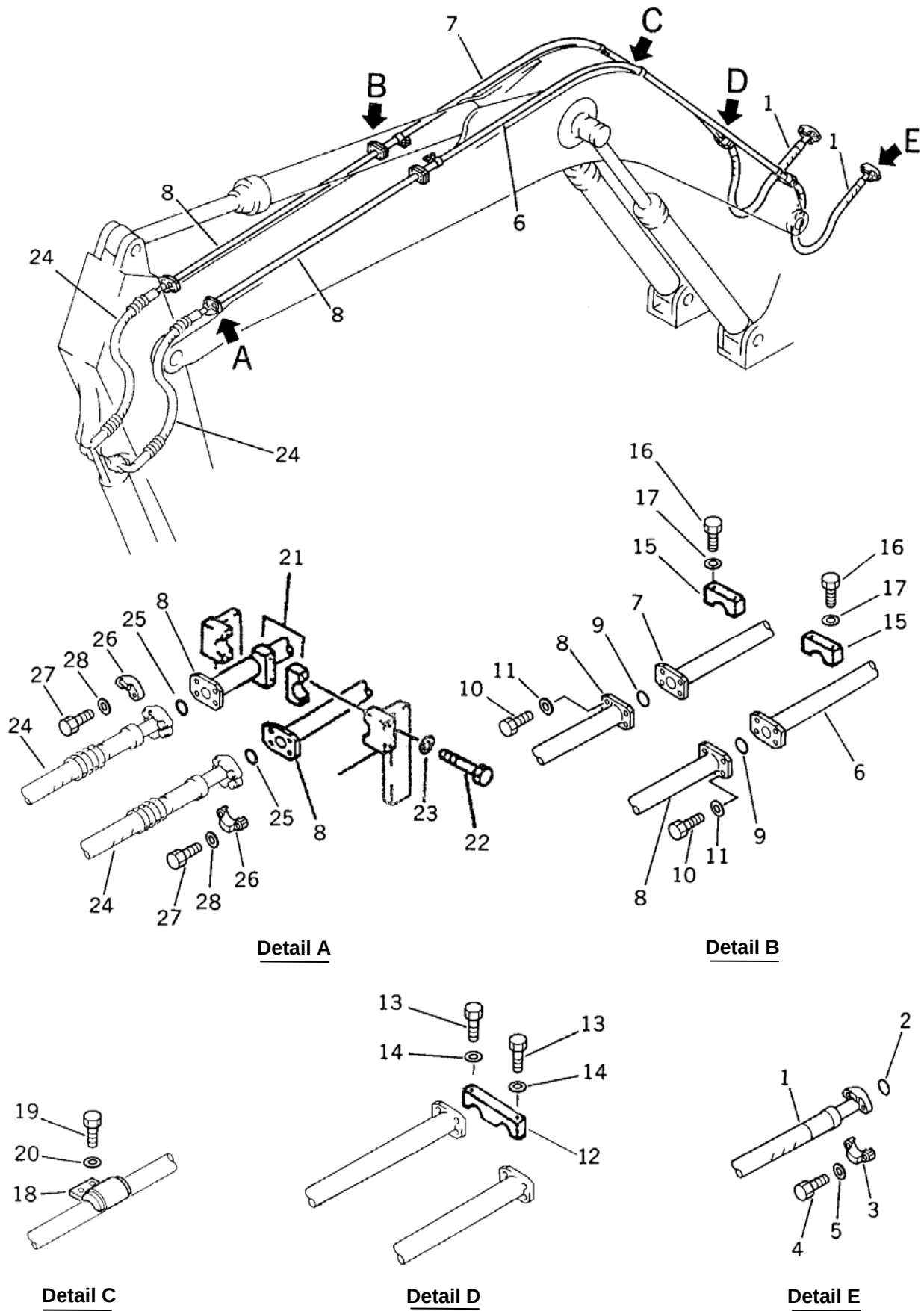


HYDRAULIC PIPING (BOOM AND ARM CYLINDER LINE)

FIG NO.6220

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	CHH29 01208	HOSE	4	
02	CHS01 13025	O RING	8	
03	CFG03 12039	SPLIT FLANGE	16	
04	CFB27 10830	BOLT	32	
05	CFW06 08023	WASHER	32	
06	CHH29 01610	HOSE	2	
07	CHS01 13032	O RING	4	
08	CFG03 16045	SPLIT FLANGE	8	
09	CFB27 11035	BOLT	16	
10	CFW06 10032	WASHER	16	
11	CFG03 16045	SPLIT FLANGE	4	
12	CFB27 11035	BOLT	8	
13	CFW06 10032	WASHER	8	
14	CHH29 11208	HOSE	1	
15	CHS01 13025	O RING	2	
16	156 PA 02038	TUBE ASSY.	1	
17	156 PA 02046	TUBE ASSY.	1	
18	156 PA 10165	CLAMP	2	
19	CFB01 21250	BOLT	4	
20	CFW05 12032	WASHER	4	
21	CFG03 12039	SPLIT FLANGE	4	
22	CFB27 10830	BOLT	8	
22	CFW06 08023	WASHER	8	
24	156 PA 10098	CLAMP	1	
25	CFB01 12250	BOLT	2	
26	CFW05 12032	WASHER	2	
27	156 PA 10219	CLAMP	1	
28	155 PH 11974	BOLT	2	
29	CFW05 10032	WASHER	2	
30	CHH29 11608	HOSE	1	
31	CHS01 13032	O RING	2	

FIG: 6230 HYDRAULIC PIPING (BUCKET CYLINDER LINE)

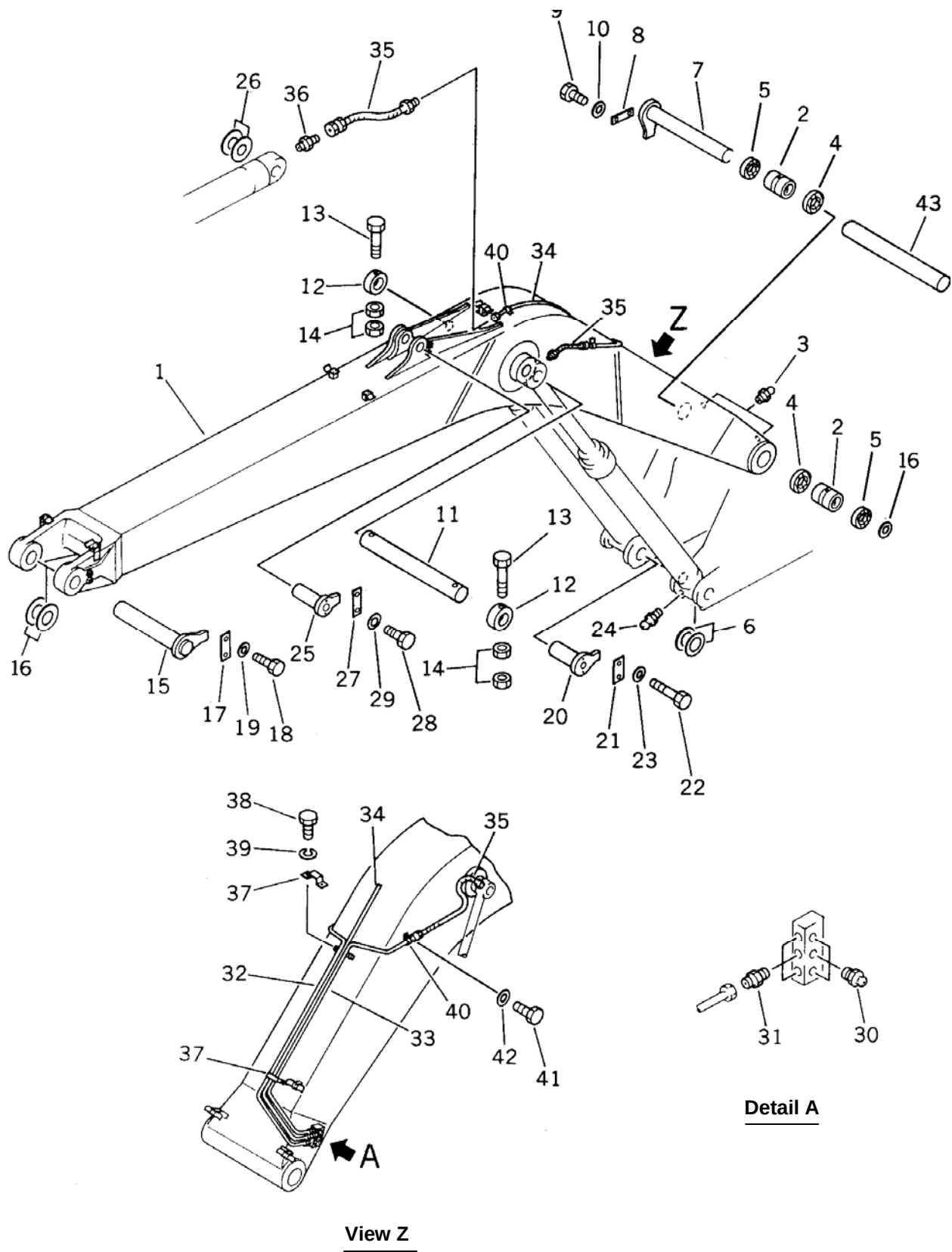


ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	CHH29 01610	HOSE	2	
02	CHS01 13032	O RING	4	
03	CFG03 16045	SPLIT FLANGE	8	
04	CFB27 11035	BOLT	16	
05	CFW06 10032	WASHER	16	
06	156 PA 02021	TUBE ASSY.	1	
07	156 PA 02013	TUBE ASSY.	1	
08	156 PA 02005	TUBE ASSY.	2	
09	CHS01 13035	O RING	2	
10	CFB27 11040	BOLT	8	
11	CFW06 10032	WASHER	8	
12	156 PA 10105	CLAMP	2	
13	CFS01 31240	SCREW	4	
14	CFW05 12032	WASHER	4	
15	171 PH 11319	CLAMP	2	
16	CFS01 31240	SCREW	4	
17	CFW05 12032	WASHER	4	
18	155 PA 02064	CLAMP	2	
19	155 PH 11974	BOLT	4	
20	CFW05 10032	WASHER	4	
21	160 PA 11004	CLAMP	2	
22	CFB01 21285	BOLT	4	
23	CFW05 12032	WASHER	4	
24	CHH28 11216	HOSE	2	
25	CHS01 13025	O RING	4	
26	CFG03 12039	SPLIT FLANGE	8	
27	CFS01 30830	SCREW	16	
28	CFW06 08023	WASHER	16	

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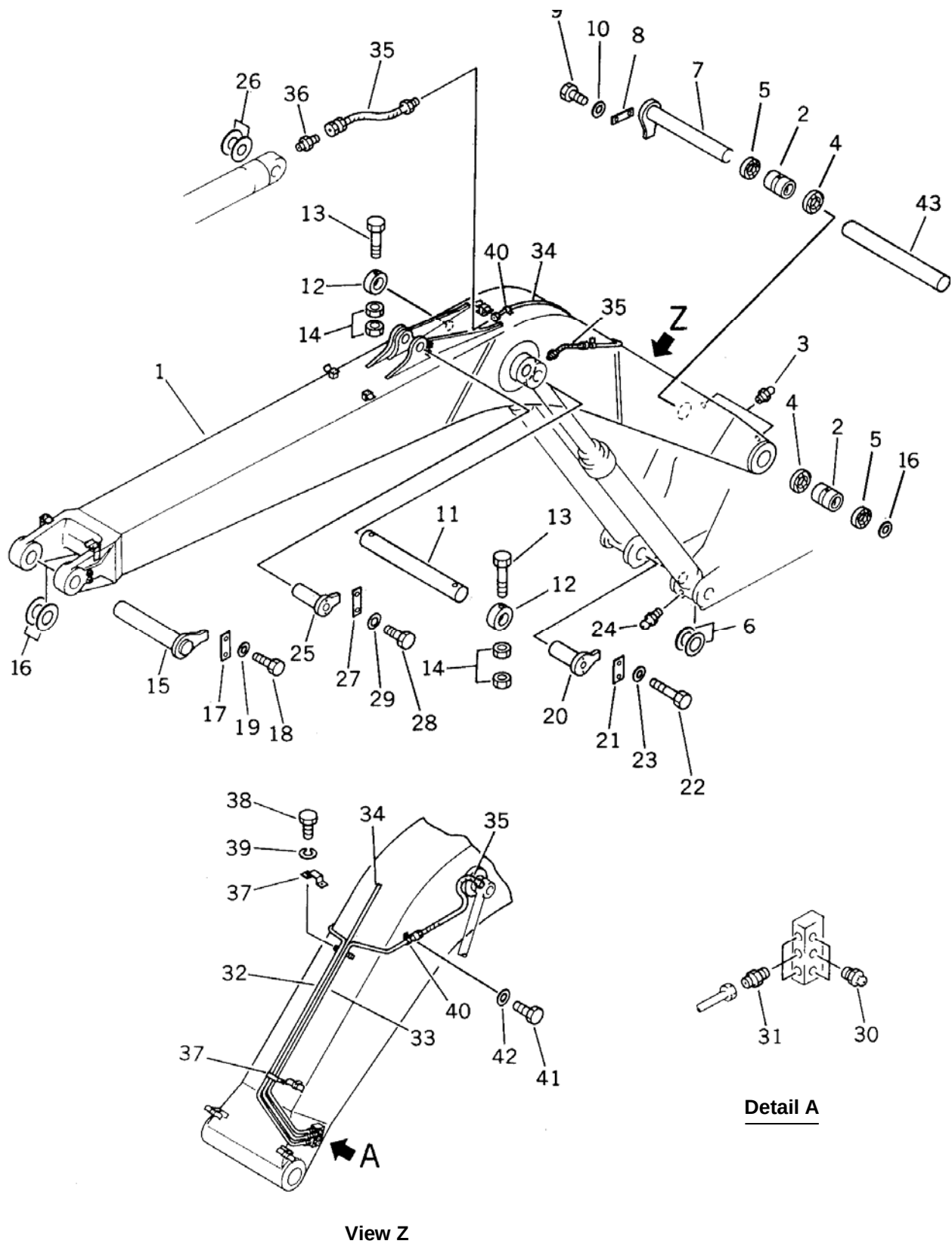
VII. WORK EQUIPMENT

FIG: 7000 BOOM



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	156 BHB 0013	BOOM ASSY	1	
01	*156 BH 02007	. BOOM	1	
02	155 BH 51403	. BUSHING	2	
03	CLN01 10000	. FITTING GREASE	2	
04	CSD01 00090	. SEAL DUST	2	
05	CSD01 00090	. SEAL DUST	2	
06	155 BH 11543	SPACER 1.0MM	6	
07	155 BH 02058	PIN	1	
08	155 BH 11454	PLATE	1	
09	CFS01 31640	SCREW	2	
10	CFW05 16045	WASHER	2	
11	155 BH 11535	PIN	1	
12	155 BH 11357	PLATE	2	
13	155 BH 11462	BOLT	2	
14	CFN01 22018	NUT	4	
15	155 BH 02017	PIN	1	
16	155 BH 11479	SPACER 1.0MM	4	
17	155 BH 11454	PLATE	1	
18	CFS01 31235	SCREW	2	
19	CFW05 12032	WASHER	2	
20	155 BH 02025	PIN	2	
21	155 BH 11413	PLATE	3	
22	CFS01 31235	SCREW	4	
23	CFW05 12032	WASHER	4	
24	CLN01 10000	FITTING GREASE	2	
25	155 BH 02066	PIN	1	
26	155 BH 11349	SPACER 1.0MM	8	
27	155 BH 11413	PLATE	1	
28	CFS01 31235	SCREW	2	
29	CFW05 12032	WASHER	2	
30	CLN01 10000	FITTING GREASE	3	
31	CPF05 10813	CONNECTOR	3	
32	155 BH 02033	TUBE	1	
33	155 BH 02041	TUBE	1	
34	155 BH 02074	TUBE	1	
35	155 BH 91564	HOSE	3	
36	155 BH 11332	NIPPLE	3	
37	155 BH 11551	CLIP	2	
38	CFS01 30612	SCREW	4	
39	CFW01 10619	WASHER SPRING	4	
40	155 SO 02034	CLIP	3	

FIG: 7000 BOOM

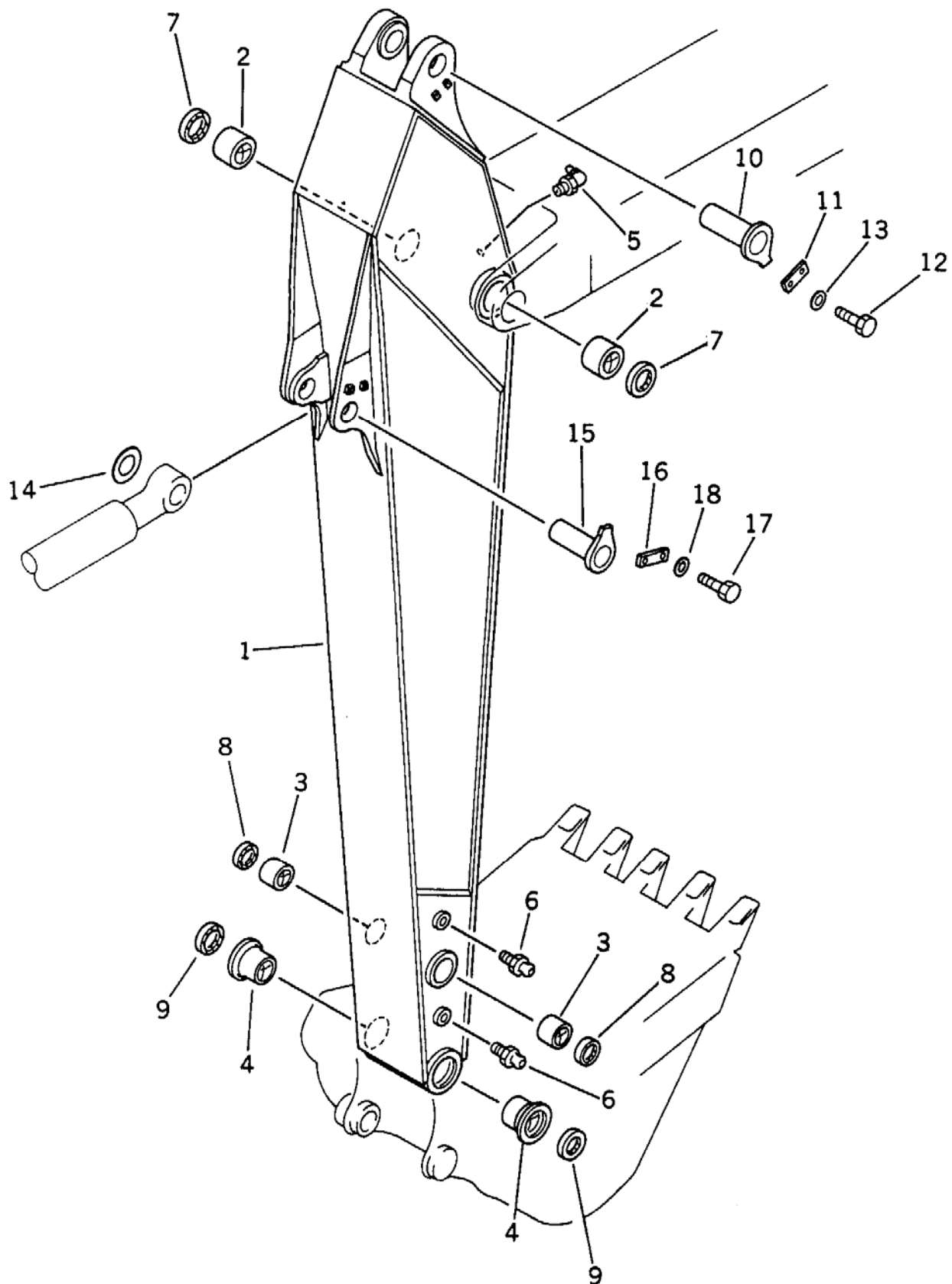


BOOM

FIG NO.7000

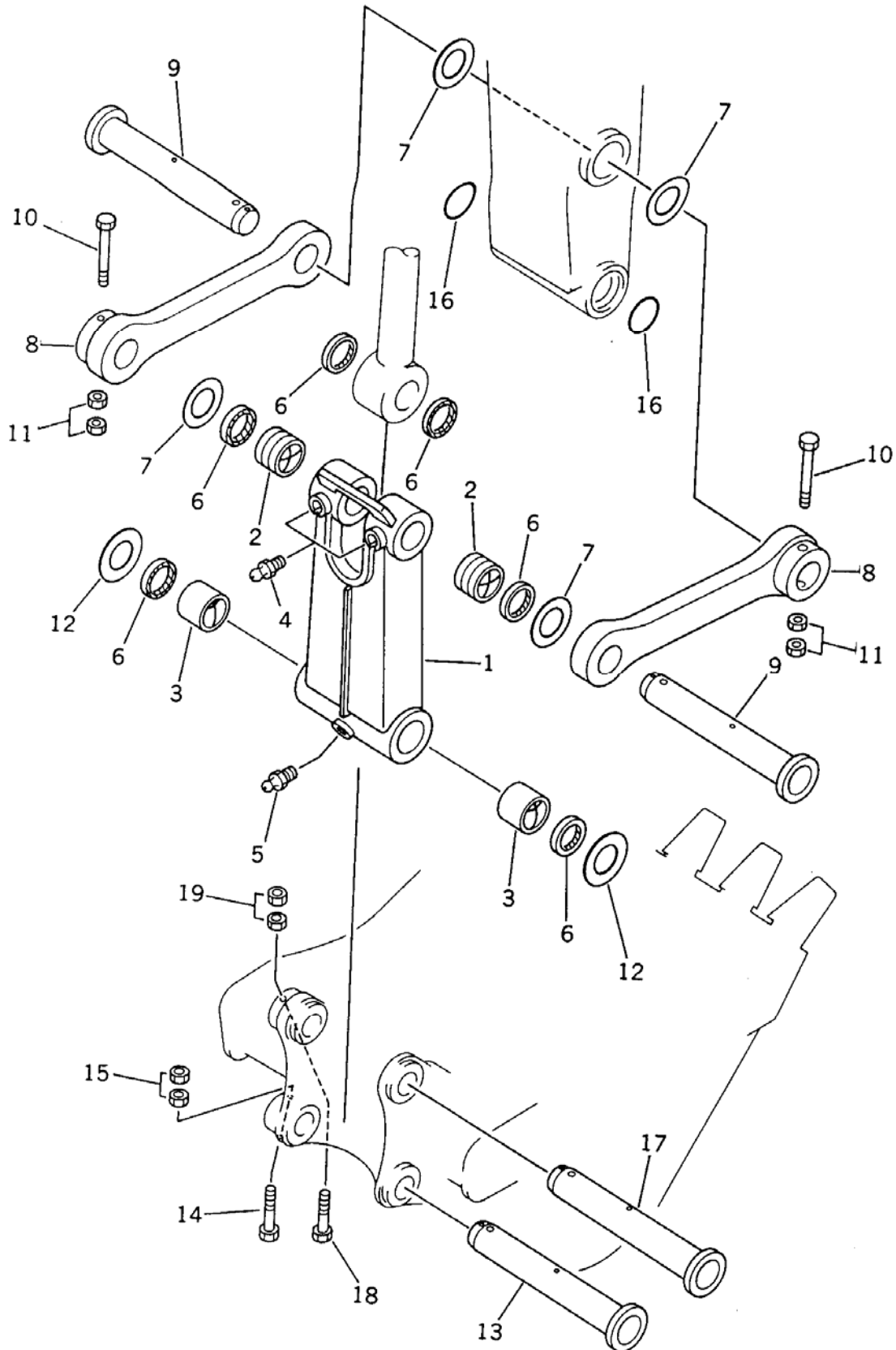
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
41	CFS01 31020	SCREW	6	
42	CFW05 10032	WASHER	6	
43	155 BH 12442	. TUBE	1	

FIG: 7010 ARM



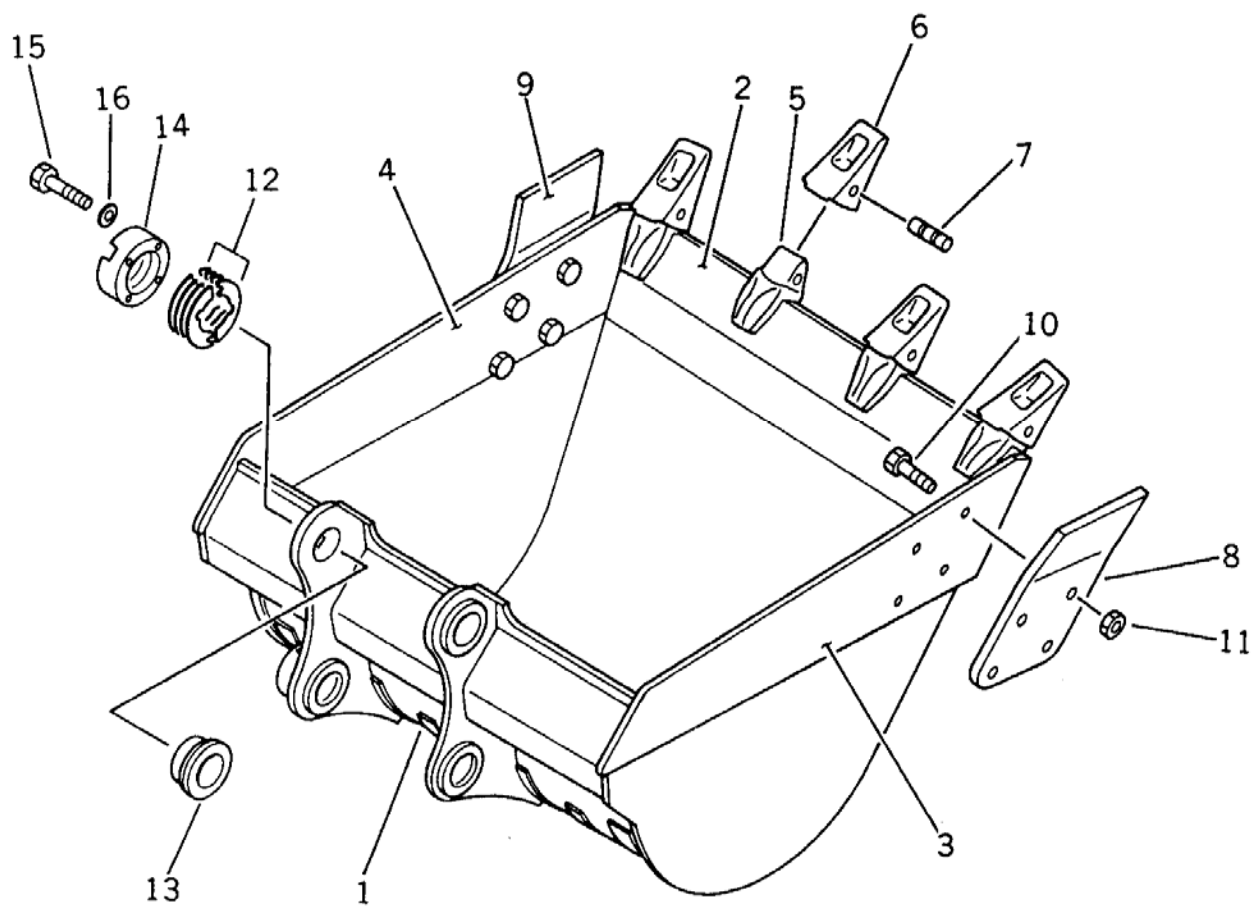
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	*154 BH 02027	ARM 2.2 m	1	
02	155 BH 51825	BUSHING	2	
03	155 BH 51785	BUSHING	2	
04	155 BH 51817	BUSHING	2	
05	CLN01 10900	GREASE NIPPLE	1	
06	CLN01 10000	FITTING GREASE	2	
07	CSD01 00090	SEAL DUST	2	
08	155 HC 91561	SEAL DUST	2	
09	155 BH 93013	SEAL DUST	2	
10	155 BH 02066	PIN	1	
11	155 BH 11413	PLATE	1	
12	CFS01 31235	SCREW	2	
13	CFW05 12032	WASHER	2	
14	155 BH 11349	SPACER 1.0MM	3	
15	155 BH 02099	PIN	1	
16	155 BH 11413	PLATE	1	
17	CFS01 31235	SCREW	2	
18	CFW05 12032	WASHER	2	

FIG: 7020 LINK



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	155 BHB 0242	LINK ASSY	1	
01	*155 BH 02114	. LINK	1	
02	155 BH 51988	. BUSHING	2	
03	155 BH 51996	. BUSHING	2	
04	CLN01 10675	. FITTING GREASE	2	
05	CLN01 10000	. FITTING GREASE	1	
06	155 HC 91561	SEAL DUST	6	
07	155 BH 11349	SPACER 1.0MM	7	
08	155 BH 02122	LINK	2	
09	155 BH 02139	PIN	2	
10	155 BH 11462	BOLT	2	
11	CFN01 22018	NUT	4	
12	155 BH 11349	SPACER	3	
13	155 BH 02147	PIN	1	
14	155 BH 11462	BOLT	1	
15	CFN01 22018	NUT	2	
16	155 BH 62022	O RING	2	
17	155 BH 02147	PIN	1	
18	155 BH 12037	BOLT	1	
19	CFN01 22018	NUT	2	

FIG: 7030 BUCKET



BUCKET

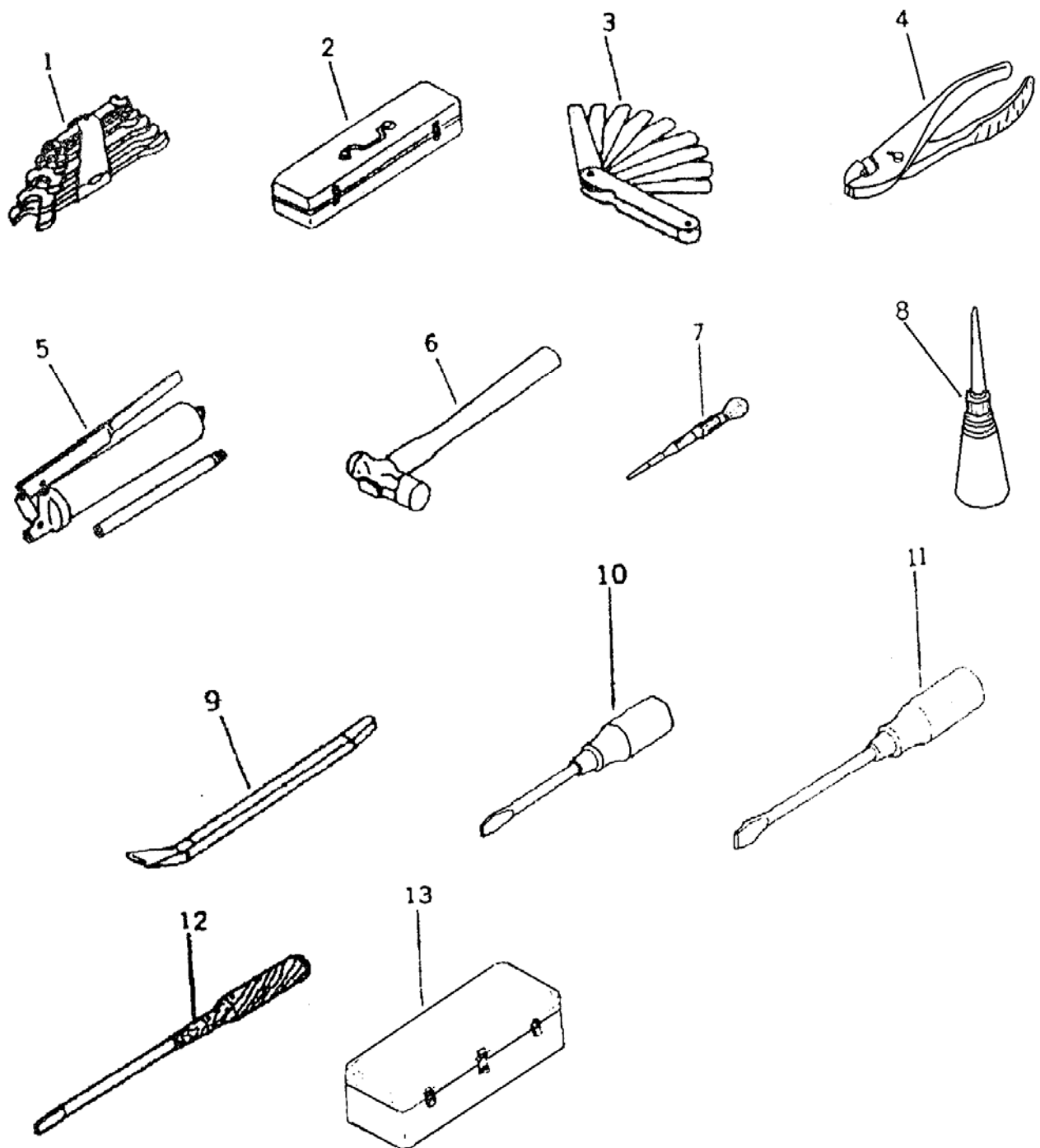
FIG NO.7030

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	155 BH 02277	BUCKET	1	
02	155 BH 12864	. PLATE(WELDED)	1	
03	155 BH 12223	. PLATE LH(WELD)	1	
04	155 BH 12231	. PLATE RH(WELD)	1	
05	155 BH 32255	. ADAPTOR	4	
06	160 BH 31646	TOOTH	4	
07	CFP15 02516	PIN	4	
08	155 BH 12272	CUTTER L.H	1	
09	155 BH 12289	CUTTER R.H	1	
10	BFB13 12478	BOLT	8	
11	CFN26 12430	NUT	8	
	155 BHB 0259	SHIM ASSY	1	
12	*155 BH 12986	. SHIM 0.5MM	10	
12	*155 BH 12994	. SHIM 1.0MM	24	
13	155 BH 52319	SPACER	1	
14	155 BH 12329	PLATE	1	
15	CFS01 32055	SCREW	4	
16	CFW05 20060	WASHER	4	

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VIII. TOOL KIT AND DECAL

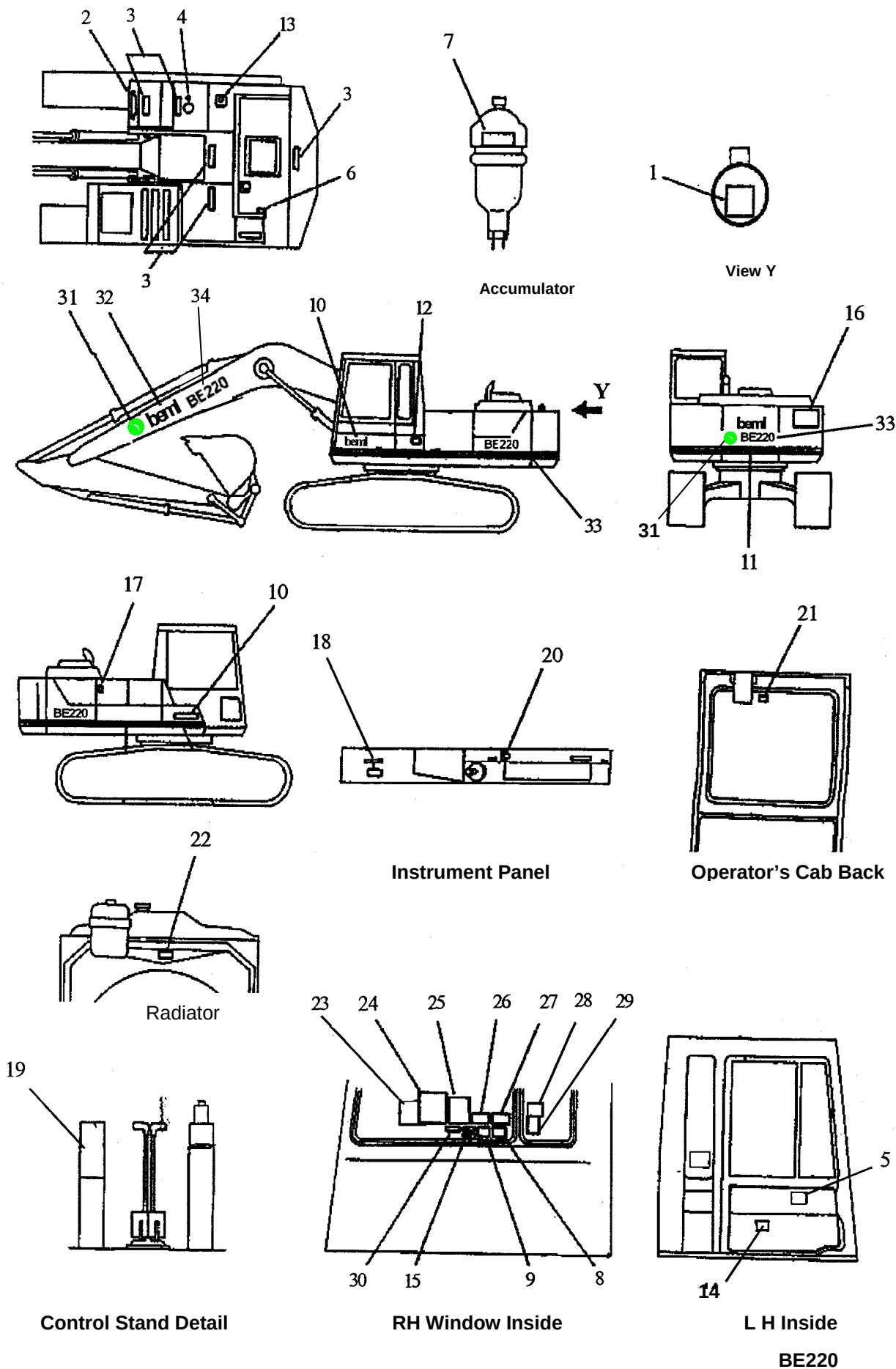
FIG: 8000 TOOL KIT



TOOL KIT**FIG NO.8000**

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	881908000001	SPANNER SET	1	
02	885009000001	BI HEX SOCKET SET	1	
03	030104001000	FEELER GAUGE	1	
04	CTZ01 00150	PLIER	1	
05	520900000200	GREASE PUMP	1	
06	520900000520	HAMMER	1	
07	520900000801	HYDROMETER	1	
08	520900050000	OIL CAN	1	
09	520900000920	PINCH BAR	1	
10	520900070000	SCREW DRIVER	1	
11	520900080000	SCREW DRIVER	1	
12	190900000100	PHILIPS	1	
13	504300010004	TOOL BOX	1	

FIG. 8010 DECAL



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	105 DZ 70148	PLATE	1	
02	155 DZ 71188	SHEET	2	
03	155 DZ 71203	SHEET	5	
04	CDS09 00002	CAUTION PLATE	1	
05	155 DZ 71074	CAUTION PLATE	1	
06	CDS07 03000	PLATE	1	
07	155 DZ 71058	PLATE SAFETY	1	
08	155 DZ 71106	PLATE CAUTION	1	
09	CDS03 03000	PLATE SAFETY	1	
10	155 DZ 91268	BEML LOGO	2	
11	155 DZ 71155	STRIP	1	
12	155 DZ 21331	NAME PLATE	1	
	155 DZ 11199	. SCREW	4	
13	181 DZ 71219	SAFETY PLATE	1	
14	156 DZ 20009	LUBRICATION CHART	1	
	155 DZ 11199	. SCREW	4	
15	160 DZ 71007	PLATE SAFETY	1	
16	CDS01 03000	SAFETY PLATE	1	
17	155 DZ 71171	PLATE	1	
18	CDS12 00002	PLATE	2	
19	105 DZ 70172	OPERATING PLATE	1	
20	CDS11 30060	PLATE	1	
21	160 DZ 71015	PLATE CAUTION	1	
22	CDS08 03000	SAFETY PLATE	1	
23	155 DZ 71041	PLATE	1	
24	171 DZ 71116	OPERATING PLATE	1	
25	155 DZ 71082	PLATE	1	
26	105 DZ 70018	CAUTION PLATE	1	
27	155 DZ 71122	PLATE CAUTION	1	
28	155 DZ 71139	PLATE CAUTION	1	
29	155 DZ 71009	PLATE CAUTION	1	
30	155 DZ 71163	PLATE	1	
31	156 DZ 90131	LOGO	3	
32	155 DZ 91251	BEML LOGO	2	
33	156 DZ 91349	MARK STICKER	2	
34	156 DZ 90164	NAME STICKER	2	

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IX. INDEX

PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.
030104001000	8000	03	155 BH 02139	7020	09	155 CC 02419	1110	29
105 DZ 70018	8010	26	155 BH 02147	7020	13	155 CC 02419	1120	20
105 DZ 70148	8010	01	155 BH 02147	7020	17	155 CC 02492	5071	04
105 DZ 70172	8010	19	155 BH 02277	7030	01	155 CC 02508	5071	03
110 CT 61072	3050	10	155 BH 11332	4150	04	155 CC 14497	5071	05
113 CX 11773	5140	03	155 BH 11332	4160	06	155 CC 14504	5071	06
113 TF 12402	3040	07	155 BH 11332	7000	36	155 CC 94558	5071	02
116 FLB 0034	1170		155 BH 11349	7000	26	155 CO 02005	1030	17
125 EF 02058	5081		155 BH 11349	7010	14	155 CO 02013	4080	09
125 EF 91167	5081	01	155 BH 11349	7020	07	155 CO 02054	4090	01
125 EF 91401	5081		155 BH 11349	7020	12	155 CO 02119	4080	16
125 EG 02214	1120	15	155 BH 11357	7000	12	155 CO 02127	4100	13
125 EG 81441	1140	08	155 BH 11413	7000	21	155 CO 02135	4080	27
125 EG 91753	1110	02	155 BH 11413	7000	27	155 CO 02143	4090	05
125 EG 91761	1110	02A	155 BH 11413	7010	11	155 CO 02151	4090	13
125 EW 02225	1110	30	155 BH 11413	7010	16	155 CO 02168	4080	30
125 FL 02002	1170	02	155 BH 11454	7000	08	155 CO 02224	4100	07
125 FL 91006	1080	07	155 BH 11454	7000	17	155 CO 02232	4100	16
125 IP 81246	1090	05	155 BH 11462	7000	13	155 CO 02249	4100	20
130 TF 00106	3020		155 BH 11462	7020	10	155 CO 02265	4080	21
130 TF 00114	3020		155 BH 11462	7020	14	155 CO 02273	4090	16
130 TF 00122	3020		155 BH 11479	7000	16	155 CO 02281	1030	02
135 FG 96086	5060	12	155 BH 11535	7000	11	155 CO 02298	1030	03
135 PH 61008	2100	14	155 BH 11543	7000	06	155 CO 02321	4080	07
135 TF 41765	3020	07	155 BH 11551	7000	37	155 CO 02354	4080	10
135 TF 61789	3020	08	155 BH 12037	7020	18	155 CO 02362	4100	08
1452000000843	1110	33	155 BH 12223	7030	03	155 CO 02379	4080	15
154 BH 02027	7010	01	155 BH 12231	7030	04	155 CO 02387	4100	12
154 EH 02024	5030	01	155 BH 12272	7030	08	155 CO 11612	4080	06
154 EH 02195	5050	12	155 BH 12289	7030	09	155 CO 11612	4100	06
154 EH 03012	5050	01	155 BH 12329	7030	14	155 CO 11612	4100	17
154 EH 03029	5050	08	155 BH 12442	7000	43	155 CO 12414	4100	19
154 EH 10392	5050	04	155 BH 12864	7030	02	155 CO 12658	4080	05
154 EH 10408	5050	10	155 BH 12986	7030	12	155 CO 12658	4100	05
154 EH 60386	5050	09	155 BH 12994	7030	12	155 CO 12999	4080	13
154 EH 60897	5040	11	155 BH 32255	7030	05	155 CO 12999	4100	11
154 FL 01008	1080		155 BH 51403	7000	02	155 CO 13038	4100	18
154 FL 02004	1080	01	155 BH 51785	7010	03	155 CO 13881	2110	05
154 TF 02005	3000	01	155 BH 51817	7010	04	155 CO 13905	1030	10
155 BH 02017	7000	15	155 BH 51825	7010	02	155 CO 13921	1030	07
155 BH 02025	7000	20	155 BH 51988	7020	02	155 CO 13954	4080	19
155 BH 02033	7000	32	155 BH 51996	7020	03	155 CO 13954	4090	09
155 BH 02041	7000	33	155 BH 52319	7030	13	155 CO 13954	4100	21
155 BH 02058	7000	07	155 BH 62022	7020	16	155 CO 14001	5140	06
155 BH 02066	7000	25	155 BH 91564	7000	35	155 CO 14156	1030	05
155 BH 02066	7010	10	155 BH 93013	7010	09	155 CO 61582	4090	04
155 BH 02074	7000	34	155 BHB 0242	7020		155 CO 62749	4080	33
155 BH 02099	7010	15	155 BHB 0259	7030		155 CO 64011	1030	20
155 BH 02114	7020	01	155 CC 01025	5071	01	155 CO 73984	2110	03
155 BH 02122	7020	08	155 CC 01025	5081		155 CO 92166	4080	36

PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.
155 C0 92166	4100	23	155 EC 61861	1070	21	155 FD 31693	2120	07
155 C0 93894	1030	04	155 EC 91101	1060	02	155 FD 41486	2120	31
155 C0 94088	1040	01	155 EC 92082	1070	37	155 FD 51084	2120	13
155 C0 94096	1040	04	155 EG 02028	1130	09	155 FD 51173	2120	20
155 CT 01014	3050		155 EG 02093	1110	36	155 FD 51181	2120	22
155 CT 11034	3050	06	155 EG 02166	5071	10	155 FD 51198	2120	29
155 CT 11042	3050	09	155 EG 02206	1150	01	155 FD 71107	2120	28
155 CT 11083	3050	08	155 EG 02369	1110	35	155 FD 91033	2120	06
155 CT 11091	3050	11	155 EG 11262	1150	05	155 FD 91099	2120	23
155 CT 11229	3050	01	155 EG 11895	1110	26	155 FL 02051	1080	05
155 CT 51243	3050	04	155 EG 11919	1100	13	155 FL 91347	1170	10
155 CT 51268	3050	05	155 EG 12526	1140	10	155 FL 91355	1170	09
155 CT 61069	3050	07	155 EG 61904	1110	25	155 FL 91371	1080	14
155 DZ 11199	8010		155 EG 81928	1110	12	155 HC 02225	6130	19
155 DZ 11199	8010		155 EG 82495	1120	10	155 HC 02233	6130	20
155 DZ 21331	8010	12	155 EG 82551	1100	16	155 HC 02241	6130	21
155 DZ 71009	8010	29	155 EG 91826	1110	09	155 HC 02258	6130	26
155 DZ 71041	8010	23	155 EG 91931	1110	06	155 HC 02266	6130	
155 DZ 71058	8010	07	155 EG 92303	1110	19	155 HC 02274	6130	
155 DZ 71074	8010	05	155 EH 02047	5040	06	155 HC 02299	6150	16
155 DZ 71082	8010	25	155 EH 02306	5050	17	155 HC 02306	6150	19
155 DZ 71106	8010	08	155 EH 02436	5040	16	155 HC 02314	6150	24
155 DZ 71122	8010	27	155 EH 02444	1020	01	155 HC 02339	6140	21
155 DZ 71139	8010	28	155 EH 11379	5060	07	155 HC 02347	6140	22
155 DZ 71155	8010	11	155 EH 12618	5050	15	155 HC 02355	6140	31
155 DZ 71163	8010	30	155 EH 12626	5060	08	155 HC 02371	6130	
155 DZ 71171	8010	17	155 EH 12683	5020	02	155 HC 02388	6140	
155 DZ 71188	8010	02	155 EH 12683	5030	04	155 HC 02396	6150	
155 DZ 71203	8010	03	155 EH 12691	5040	07	155 HC 09021	6130	
155 DZ 91251	8010	32	155 EH 13063	5020	03	155 HC 09038	6130	
155 DZ 91268	8010	10	155 EH 13063	5030	05	155 HC 09046	6140	
155 EC 02017	1060	17	155 EH 63057	5050	07	155 HC 09054	6150	
155 EC 02025	1060	12	155 EH 92647	5040	08	155 HC 09102	6130	01
155 EC 02033	1070	23	155 EI 02009	1000	04	155 HC 09176	6150	01
155 EC 02041	1070	24	155 EI 02017	1000	01	155 HC 09232	6140	01
155 EC 02058	1070	28	155 EI 11008	1020	04	155 HC 11613	6130	14
155 EC 02066	1070	12	155 EI 11049	1000	05	155 HC 11662	6140	13
155 EC 02074	1070	27	155 EI 11357	1000	06	155 HC 11784	6130	02
155 EC 03005	1070	14	155 EI 11365	1000	08	155 HC 11784	6140	02
155 EC 03013	1070	05	155 EI 11373	1000	09	155 HC 11784	6150	17
155 EC 03021	1070	13	155 EI 11381	1000	07	155 HC 11816	6130	27
155 EC 11608	1060	14	155 EW 02006	1100	04	155 HC 11816	6150	25
155 EC 11721	1070	32	155 EW 02096	1140	21	155 HC 11905	6150	02
155 EC 11819	1060	04	155 EW 02136	1120	16	155 HC 11962	6140	27
155 EC 11827	1060	06	155 FD 02005	2120	04	155 HC 12026	6140	20
155 EC 12078	1070	39	155 FD 02013	2120		155 HC 12034	6140	18
155 EC 61091	1070	19	155 FD 02021	2120		155 HC 12042	6140	35
155 EC 61731	1070	31	155 FD 11027	2120	30	155 HC 12067	6140	32
155 EC 61804	1070	08	155 FD 11126	2120	25	155 HC 12075	6140	40
155 EC 61837	1060	05	155 FD 31644	2120	10	155 HC 19025	6140	15

PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.
155 HC 19066	6130	16	155 HS 71468	6080	33	155 PH 02489	4180	02
155 HC 19066	6150	13	155 HS 71808	6080	10	155 PH 02512	2100	13
155 HC 19099	6130	13	155 HS 92617	2080	03	155 PH 11958	2090	09
155 HC 19139	6130	06	155 IP 81068	1090	04	155 PH 11974	6220	28
155 HC 19188	6150	06	155 IP 81084	1090	03	155 PH 11974	6230	19
155 HC 19269	6140	06	155 IP 81124	1090	02	155 PH 12005	2090	08
155 HC 61226	6130	05	155 IP 81132	1090	06	155 PH 12808	4180	39
155 HC 61226	6150	05	155 OS 02013	5150		155 PH 12816	4180	38
155 HC 79071	6130	17	155 OS 03001	5150	11	155 PH 12824	4180	37
155 HC 79071	6150	14	155 OS 03018	5150	01	155 PH 12832	4180	36
155 HC 79144	6130	08	155 OS 03026	5150	46	155 PH 61927	2090	05
155 HC 79152	6130	09	155 OS 03034	5150	19	155 PH 61927	4070	14
155 HC 79152	6150	08	155 OS 03042	5150	40	155 PH 61927	6200	12
155 HC 79225	6140	16	155 OS 03059	5150	20	155 PH 73178	2100	17
155 HC 79241	6140	08	155 OS 03067	5150	22	155 PH 73267	2100	16
155 HC 79258	6140	41	155 OS 03075	5150	23	155 PH 93436	4180	33
155 HC 79274	6140	09	155 OS 11256	5150	14	155 PH 93752	6210	02
155 HC 91301	6130	18	155 OS 11272	5150	04	155 PH 93914	2100	20
155 HC 91301	6140	17	155 OS 11289	5150	08	155 PS 11014	2100	27
155 HC 91301	6150	15	155 OS 11491	5150	34	155 RF 04009	1170	11
155 HC 91561	7010	08	155 OS 11507	5150	37	155 SO 02018	4000	06
155 HC 91561	7020	06	155 OS 11515	5150	27	155 SO 02026	4000	07
155 HC 91934	6150	03	155 OS 11523	5150	24	155 SO 02034	7000	40
155 HC 91959	6140	05	155 OS 11556	5150	43	155 SO 02059	4010	34
155 HC 92014	6140	12	155 OS 11661	5150	26	155 SO 02083	4010	06
155 HC 99087	6130	15	155 OS 11678	5150	30	155 SO 02091	4010	
155 HC 99087	6150	12	155 OS 11686	5150	41	155 SO 02115	4010	45
155 HC 99119	6130	34	155 OS 11701	5150	25	155 SO 11066	4000	02
155 HC 99119	6150	34	155 OS 11701	5150	33	155 SO 11155	4000	08
155 HC 99127	6130	12	155 OS 11718	5150	31	155 SO 11252	4010	14
155 HC 99127	6150	11	155 OS 11726	5150	32	155 SO 11269	4010	05
155 HC 99216	6140	14	155 OS 11734	5150	28	155 SO 11309	4010	25
155 HP 61156	5140	04	155 OS 11734	5150	35	155 SO 11317	4010	10
155 HS 00018	2080		155 OS 11734	5150	38	155 SO 11325	4010	28
155 HS 01012	2080		155 OS 71261	5150	03	155 SO 11382	4010	16
155 HS 02041	6080	07	155 OS 91211	5150	02	155 SO 11447	4010	23
155 HS 02058	6080	06	155 OS 91228	5150	05	155 SO 11885	4010	52
155 HS 02066	6080	25	155 OS 91236	5150	12	155 SO 11893	4010	47
155 HS 02074	6080	24	155 OS 91244	5150	13	155 SO 21345	4010	08
155 HS 02106	6080	23	155 OS 91699	5150	21	155 SO 41182	4010	11
155 HS 02114	6080	26	155 OSB 0028	5150		155 SO 41871	4010	31
155 HS 02147	6080	12	155 OSB 0036	5150		155 SO 51194	4010	12
155 HS 11349	6080	28	155 PA 02064	6230	18	155 SO 51218	4010	19
155 HS 11949	6080	20	155 PH 02253	6200	18	155 SO 51575	4010	18
155 HS 11957	6080	27	155 PH 02326	4180	34	155 SO 51801	4010	32
155 HS 12604	2080	08	155 PH 02326	6180	08	155 SO 61076	4000	03
155 HS 42559	2080	01	155 PH 02407	4180	06	155 SO 71363	4010	35
155 HS 42591	2080	10	155 PH 02407	4190	05	155 SO 91338	4010	27
155 HS 52579	2080	05	155 PH 02431	4180		155 SO 91379	4010	13
155 HS 62622	2080	02	155 PH 02489	2100	21	155 SO 91719	4010	44

PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.
155 SO 91743	4000	01	155 TFB 0091	3040		156 EH 02426	5010	05
155 SOB 0024	4000	03	155 ZZ 11976	1110	32	156 EH 02442	5010	06
155 TF 02011	3010	19	156 BH 02007	7000	01	156 EH 03113	5040	01
155 TF 02052	3020		156 BHB 0013	7000		156 EH 11222	5060	05
155 TF 02069	3031		156 CO 02011	4080	14	156 EH 11239	5060	06
155 TF 02077	3040		156 CO 02028	4090	03	156 EH 11555	5020	14
155 TF 02109	3000	06	156 CO 62203	4080	04	156 EH 11571	5040	13
155 TF 02133	3020		156 CO 62203	4100	04	156 EH 11588	5040	12
155 TF 03057	3020	01	156 CW 02009	5000	06	156 EH 11733	5020	08
155 TF 03073	3031	01	156 DA 91003	1010	01	156 EH 12065	5030	10
155 TF 11579	3010	07	156 DZ 20009	8010	14	156 EH 12105	1060	22
155 TF 11619	3010	12	156 DZ 90131	8010	31	156 EH 12113	1060	21
155 TF 11627	3010	02	156 DZ 90164	8010	34	156 EH 12121	1060	23
155 TF 11643	3010	24	156 DZ 91349	8010	33	156 EH 12146	1060	24
155 TF 11676	3010	08	156 EC 03011	1060	09	156 EH 61927	5040	19
155 TF 11692	3000	02	156 EC 03028	6210	04	156 EI 02007	1020	02
155 TF 11692	5000	02	156 EC 03036	6210	05	156 EI 10001	1010	04
155 TF 11732	3010	21	156 EC 03044	6210	01	156 EW 02004	1110	01
155 TF 11749	3000	09	156 EC 04008	1070	01	156 EW 02012	1130	04
155 TF 12056	3020	04	156 EC 04016	1070	02	156 EW 02029	1140	01
155 TF 12178	3031	03	156 EC 11022	1060	01	156 EW 02037	1140	14
155 TF 12226	3031	10	156 EC 11144	1060	29	156 EW 02053	1130	37
155 TF 12267	3031	08	156 EG 02091	1140	03	156 FD 01064	2120	
155 TF 12267	3040	10	156 EG 10004	1160	06	156 FD 11043	2120	38
155 TF 12356	3040	03	156 EG 10012	1160	07	156 FD 11051	2120	46
155 TF 12729	3020	10	156 EG 60006	1160	08	156 FD 11068	2120	45
155 TF 32282	3040	01	156 EG 60014	1160	09	156 FD 11205	2120	19
155 TF 41581	3010	15	156 EG 60022	1160	10	156 FD 11238	2120	24
155 TF 41598	3010	04	156 EG 60039	1160	11	156 FD 11295	2120	05
155 TF 41605	3010	01	156 EG 81001	1130	35	156 FD 11302	2120	18
155 TF 42115	3020	09	156 EH 02118	5060	01	156 FD 11319	2120	11
155 TF 42197	3031	07	156 EH 02126	5010	10	156 FD 41102	2120	41
155 TF 42204	3031	09	156 EH 02134	5010	08	156 FD 41127	2120	44
155 TF 42245	3031	05	156 EH 02142	5060	04	156 FD 41224	2120	21
155 TF 42318	3040	09	156 EH 02159	5010	01	156 FD 41249	2120	03
155 TF 42326	3040	04	156 EH 02167	5010	13	156 FD 51033	2120	36
155 TF 52346	3040	06	156 EH 02175	5010	11	156 FD 51211	2120	17
155 TF 61701	3000	03	156 EH 02183	5010	12	156 HM 91302	6000	01
155 TF 61701	5000	03	156 EH 02207	5010	07	156 HM 91319	4020	01
155 TF 62017	3031	04	156 EH 02215	5020	01	156 HM 91327	2000	
155 TF 62211	3040	05	156 EH 02223	5020	13	156 HM 91327	2100	01
155 TF 62236	3031	06	156 EH 02231	5060	10	156 HM 91335	6090	01
155 TF 92255	3031	02	156 EH 02248	5060	11	156 HP 02007	5140	01
155 TF 92709	3020	02	156 EH 02256	5040	17	156 HP 10018	5140	02
155 TFB 0034	3010		156 EH 02264	5030	09	156 HS 01043	6080	
155 TFB 0042	3031		156 EH 02272	5020	07	156 HS 02015	6080	01
155 TFB 0059	3031		156 EH 02297	5040	18	156 HS 02023	6080	18
155 TFB 0067	3031		156 EH 02304	5060	09	156 HS 02031	6080	21
155 TFB 0075	3040		156 EH 02401	5010	09	156 HS 91408	6180	07
155 TFB 0083	3040		156 EH 02418	5010	04	156 IP 11105	1090	01

PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.
156 IP 91029	1100	14	156 PM 10568	4140	01	156 PM 90467	6170	03
156 PA 02005	6230	08	156 PM 10608	6160	13	156 PM 90475	6170	04
156 PA 02013	6230	07	156 PM 10681	4140	09	156 PM 90483	2090	14
156 PA 02021	6230	06	156 PM 10698	4140	05	156 PM 90572	6190	04
156 PA 02038	6220	16	156 PM 10713	2100	25	156 PM 90597	4120	12
156 PA 02046	6220	17	156 PM 10721	2100	03	156 PM 90597	4140	24
156 PA 10098	6220	24	156 PM 10746	4120	04	156 PM 90597	4171	15
156 PA 10105	6230	12	156 PM 10754	4120	05	156 PM 90734	2100	24
156 PA 10165	6220	18	156 PM 10762	4120	06	156 PM 91099	4130	02
156 PA 10219	6220	27	156 PM 10779	4120	07	156 PM 91106	4130	01
156 PH 02032	4010	43	156 PM 10787	4120	08	156 PM 91106	4180	11
156 PH 03053	4190	20	156 PM 10795	4120	09	156 PM 91122	4180	05
156 PH 11778	4160	08	156 PM 10802	4120	10	156 PM 91122	4190	26
156 PH 11778	4180	08	156 PM 10819	4120	11	156 PM 91139	4180	15
156 PH 11778	4190	19	156 PM 10827	4171	02	156 PM 91147	4190	01
156 PH 11842	4180	27	156 PM 10835	4171	03	156 PM 91163	4180	23
156 PH 11867	4190	15	156 PM 10843	4171	14	156 PM 91163	4190	14
156 PH 11883	2100	19	156 PM 10851	4171	08	156 PM 91171	4190	10
156 PH 11883	4180	31	156 PM 10868	4171	13	156 PM 91188	4190	09
156 PH 11891	4190	23	156 PM 10876	4171	05	156 PM 91196	4190	08
156 PH 11907	4180	29	156 PM 10884	4171	04	156 PM 91203	4180	16
156 PH 11915	4190	25	156 PM 10892	4171	10	156 PM 91203	4190	17
156 PH 12474	2100	23	156 PM 10908	4171	09	156 PM 91244	4190	04
156 PH 92495	4180	30	156 PM 10916	4171	12	156 PM 91252	4180	17
156 PM 02005	6160	01	156 PM 10924	4171	01	156 PM 91269	4140	08
156 PM 02013	6160	02	156 PM 10932	4171	11	156 PM 91277	4140	10
156 PM 02021	6190	03	156 PM 10949	4171	07	156 PM 91285	4110	09
156 PM 02046	6210	08	156 PM 10957	4171	06	156 PM 91293	4110	10
156 PM 02054	6170	01	156 PM 10965	4140	11	156 PM 91309	2110	01
156 PM 02062	6170	02	156 PM 10973	4140	12	156 PM 91958	4070	01
156 PM 02095	6200	01	156 PM 10981	4140	13	156 PM 92273	4180	26
156 PM 02102	6200	02	156 PM 10998	4140	14	156 PM 92313	6200	06
156 PM 02119	6200	03	156 PM 11004	4140	19	156 PM02249	4120	01
156 PM 02127	6200	04	156 PM 11012	4140	22	156 RF 02014	5000	01
156 PM 02135	6200	05	156 PM 11029	4140	21	156 RF 11524	5000	07
156 PM 02176	6190	01	156 PM 11037	4140	20	156 SO 01011	4010	
156 PM 02184	6190	02	156 PM 11045	4140	23	156 SO 11015	4010	09
156 PM 02192	2090	01	156 PM 11053	4140	16	156 SO 11023	4010	40
156 PM 02208	2090	02	156 PM 11061	4140	17	156 SO 41001	4010	01
156 PM 02216	2090	03	156 PM 11078	4140	15	156 ZZ 11414	1050	01
156 PM 02224	2090	04	156 PM 11086	4140	18	156 ZZ 11422	1050	04
156 PM 02232	4110	11	156 PM 11159	4180	12	156 ZZ 11496	4160	01
156 PM 02257	2100	06	156 PM 11929	4070	13	156 ZZ 11536	4130	07
156 PM 02265	4180	24	156 PM 11945	4070	10	156 ZZ 11544	4150	06
156 PM 02532	6200	07	156 PM 11986	4070	11	156 ZZ 11585	6180	03
156 PM 10073	6160	03	156 PM 12188	6180	01	156 ZZ 11593	6180	04
156 PM 10535	2090	16	156 PM 60512	2090	15	156 ZZ 11609	4150	05
156 PM 10535	6200	15	156 PM 60512	6200	16	156 ZZ 11625	4171	
156 PM 10543	6170	09	156 PM 60529	4190	13	156 ZZ 11633	4171	17
156 PM 10551	4180	20	156 PM 60529	6170	08	156 ZZ 11641	4171	16

PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.
156 ZZ 11658	4171	18	780 PH 03334	4110		CCC06 01814	1080	10
156 ZZ 11699	6180	10	781 EC 91103	1060	27	CCC06 01814	1130	05
160 BH 31646	7030	06	781 EC 91128	1060	28	CCC06 01814	1130	06
160 DZ 71007	8010	15	781 PH 92111	6200	08	CCC06 01814	1130	15
160 DZ 71015	8010	21	782 CO 02005	4080	01	CCC06 01814	1130	21
160 FD 11319	2120	14	782 CO 02013	4100	01	CCC06 01814	1130	32
160 PA 11004	6230	21	782 CO 11094	2110	02	CCC06 01814	1140	02
160 PH 02195	6170	11	782 EG 11635	1120	11	CCC06 01814	1140	13
160 PH 02195	6200	20	782 PH 13294	4110	07	CCC06 02514	1130	20
160 PH 11534	6170	10	782 PH 13294	4130	03	CCC06 02514	1130	22
160 PH 11534	6200	17	782 PH 13294	4150	02	CCC06 10810	1120	06
160 RF 11102	5000	09	782 PH 13294	4160	04	CCC06 11214	6080	30
160 RF 11119	5000	10	782 PH 13294	4180	10	CCC06 21814	1070	33
160 RF 11127	5000	11	782 PH 13294	4190	02	CCC07 22738	6130	30
171 DZ 71116	8010	24	782 PH 23776	4110	08	CCC07 22738	6140	36
171 EF 02019	5081	04	782 PH 23776	4130	04	CCC07 22738	6200	21
171 EG 11264	1110	15	782 PH 23776	4150	03	CCC08 00100	6080	29
171 EG 11378	1100	07	782 PH 23776	4160	05	CCC10 00414	1140	12
171 HS 91047	6080	11	782 PH 23776	4180	09	CCC10 00536	2100	15
171 HS 91209	6080	22	782 PH 23776	4190	03	CCC12 01711	1140	05
171 PH 02806	4160	09	782 PH 95072	4160	02	CCP04 21200	1080	02
171 PH 11319	6230	15	782 PH 95307	4150	01	CDN01 01240	1030	01
171 TF 11629	3020	03	782 PH 95307	4160	03	CDS01 03000	8010	16
175 CC 02073	5071	11	790 PH 11148	6180	09	CDS03 03000	8010	09
175 EG 02047	1130	01	881908000001	8000	01	CDS07 03000	8010	06
181 DZ 71219	8010	13	885009000001	8000	02	CDS08 03000	8010	22
181 HS 61009	6080	15	BFB13 12478	7030	10	CDS09 00002	8010	04
190900000100	8000	12	BFB34 11858	3050	02	CDS11 30060	8010	20
375 FE 91323	5050	18	BFN27 11824	3050	03	CDS12 00002	8010	18
375 IP 82165	1090		BPL04 11624	3020	06	CEB01 11120	1160	01
375 TM 03103	2120	40	BSP01 46193	3010	03	CEC03 00035	1130	30
375 TM 12719	2120	37	CBR30 22319	4010	30	CEC03 22511	1160	05
375 TM 12792	2120	39	CBT02 32010	3040	02	CEF02 00150	1110	03
474 EG 11094	1100	15	CBZ01 00635	6140	19	CEF02 00200	1110	04
504300010004	8000	13	CCC01 00902	1070	20	CEH02 24120	1120	02
520200030001	1170	01	CCC01 02006	1070	11	CEK01 20000	1100	05
520900000200	8000	05	CCC01 02006	1170	05	CEL06 12402	1090	
520900000520	8000	06	CCC01 02507	1070	38	CEL06 12402	1090	
520900000801	8000	07	CCC01 07020	1070	22	CEL06 12402	1090	
520900000920	8000	09	CCC01 08020	6210	03	CEL11 12412	1120	01
520900050000	8000	08	CCC01 09020	1070	09	CEL11 12412	1150	02
520900070000	8000	10	CCC01 09020	6190	12	CEL25 12470	1120	
520900080000	8000	11	CCC01 13020	6160	10	CEL25 12470	1150	
561842000504	1090	07	CCC01 02006	4010	36	CES05 20000	1120	07
640000200204	1110	34	CCC02 27067	6150	28	CET04 01175	1160	02
640000200204	1140	22	CCC06 00814	4000	09	CET04 02160	1160	03
720203010000	1170	04	CCC06 01214	1120	17	CEW03 41630	1130	03
761 EG 12185	1140	15	CCC06 01214	1130	12	CEW03 42603	1160	04
762 HS 03279	6080	04	CCC06 01214	1140	06	CEW03 42604	1130	02
763 TF 02015	3050		CCC06 01414	1110	22	CEW03 42604	1130	25

PART NUMBER		F/NO.	I/NO.	PART NUMBER		F/NO.	I/NO.	PART NUMBER		F/NO.	I/NO.
CEW03	42630	1130	31	CFG03	12039	6230	26	CFP11	00612	1030	22
CFB01	12250	6220	25	CFG03	16045	6220	08	CFP11	01018	1040	06
CFB01	20835	2080	12	CFG03	16045	6220	11	CFP11	01218	5040	10
CFB01	20845	6130	23	CFG03	16045	6230	03	CFP13	05020	4080	08
CFB01	20845	6140	24	CFL01	14518	3010	18	CFP13	05020	4090	02
CFB01	20845	6150	21	CFL01	18530	2080	09	CFP15	02516	7030	07
CFB01	20855	6130	24	CFL02	11410	4180	35	CFS01	20512	1120	12
CFB01	20855	6140	25	CFL04	10200	4010	29	CFS01	20616	5081	02
CFB01	20855	6150	22	CFL06	10110	2080	04	CFS01	21020	5050	05
CFB01	21040	6160	16	CFL10	13104	6130	04	CFS01	21220	4150	09
CFB01	21055	6160	15	CFL10	13104	6150	04	CFS01	21230	1170	12
CFB01	21080	6140	29	CFL10	13114	6140	04	CFS01	22050	3000	07
CFB01	21250	4010	15	CFN01	10432	1140	20	CFS01	30512	5060	13
CFB01	21250	5140	10	CFN01	10868	1170	08	CFS01	30612	7000	38
CFB01	21250	6220	19	CFN01	11211	1060	26	CFS01	30616	4140	07
CFB01	21260	1060	15	CFN01	20432	1100	12	CFS01	30616	4150	11
CFB01	21265	4070	04	CFN01	20868	1070	29	CFS01	30616	4180	18
CFB01	21270	1060	07	CFN01	21084	1030	16	CFS01	30810	1120	03
CFB01	21270	5140	12	CFN01	21211	5150	15	CFS01	30816	1070	03
CFB01	21285	6230	22	CFN01	21211	5150	17	CFS01	30816	1070	06
CFB01	21295	6170	15	CFN01	22018	7000	14	CFS01	30816	1070	34
CFB01	21660	6150	07	CFN01	22018	7020	11	CFS01	30816	1130	28
CFB01	21670	2120	01	CFN01	22018	7020	15	CFS01	30820	1050	07
CFB01	21670	3010	10	CFN01	22018	7020	19	CFS01	30820	1120	04
CFB01	21670	6130	07	CFN02	10868	1050	05	CFS01	30820	1120	08
CFB01	21680	3040	12	CFN19	41411	1150	03	CFS01	30820	2120	15
CFB01	21685	2120	34	CFN20	21207	2110	04	CFS01	30820	4080	17
CFB01	21685	3031	11	CFN26	12430	7030	11	CFS01	30820	4080	25
CFB01	21690	4010	03	CFN28	11011	6130	31	CFS01	30820	4080	31
CFB01	22070	4000	15	CFN28	11011	6140	37	CFS01	30820	4080	34
CFB01	31260	4140	03	CFN28	21214	6160	08	CFS01	30820	4090	07
CFB01	31275	4190	11	CFN28	21011	6200	22	CFS01	30820	4090	14
CFB01	21250	2120	47	CFN36	11210	1030	11	CFS01	30820	4090	18
CFB02	21610	5140	07	CFP01	01610	5150	29	CFS01	30820	4100	14
CFB07	21430	1150	06	CFP01	01610	5150	36	CFS01	30825	1070	17
CFB07	21465	2120	27	CFP01	01610	5150	39	CFS01	30825	1170	06
CFB07	21875	6140	07	CFP01	01610	5150	45	CFS01	30825	4080	02
CFB08	22215	4000	13	CFP01	01612	5050	11	CFS01	30825	4100	02
CFB19	51265	1030	08	CFP01	03218	5020	06	CFS01	30825	5040	14
CFB27	10830	6220	04	CFP01	03218	5030	08	CFS01	30830	2090	07
CFB27	10830	6220	22	CFP01	03232	1030	12	CFS01	30830	2100	11
CFB27	11035	6220	09	CFP01	04025	2090	11	CFS01	30830	4070	08
CFB27	11035	6220	12	CFP02	10618	1030	19	CFS01	30830	6230	27
CFB27	11035	6230	04	CFP02	11028	1040	05	CFS01	30845	1060	10
CFB27	11040	6230	10	CFP02	11228	5040	09	CFS01	31016	1110	10
CFF01	08420	1080	03	CFP04	00514	4010	17	CFS01	31016	1130	16
CFG03	12039	2100	10	CFP04	00616	1030	06	CFS01	31016	1140	16
CFG03	12039	4070	07	CFP04	00616	2120	26	CFS01	31016	4000	10
CFG03	12039	6220	03	CFP04	01842	4000	12	CFS01	31020	1010	02
CFG03	12039	6220	21	CFP04	01842	2120	51	CFS01	31020	1050	02

PART NUMBER		F/NO.	I/NO.	PART NUMBER		F/NO.	I/NO.	PART NUMBER		F/NO.	I/NO.
CFS01	31020	5150	06	CFS01	31230	4120	03	CFS15	10408	5030	06
CFS01	31020	5150	09	CFS01	31230	5000	04	CFS15	10410	1110	16
CFS01	31020	6150	29	CFS01	31230	5010	02	CFS15	10412	1110	07
CFS01	31020	7000	41	CFS01	31230	5050	13	CFS15	10516	5071	07
CFS01	31025	1110	27	CFS01	31230	5150	47	CFS15	10516	6080	08
CFS01	31025	1130	26	CFS01	31230	6080	13	CFS15	10616	1110	05
CFS01	31025	3040	08	CFS01	31230	6200	19	CFS15	10616	1110	13
CFS01	31025	5020	09	CFS01	31230	5040	04	CFS15	10625	1100	01
CFS01	31025	5140	14	CFS01	31230	5040	20	CFW01	10410	1110	17
CFS01	31030	6170	12	CFS01	31235	1060	18	CFW01	10410	1140	19
CFS01	31035	2090	18	CFS01	31235	1080	13	CFW01	10410	4080	23
CFS01	31035	6130	28	CFS01	31235	4010	41	CFW01	10513	5071	08
CFS01	31035	6140	33	CFS01	31235	6080	16	CFW01	10513	6080	09
CFS01	31035	6150	26	CFS01	31235	6170	07	CFW01	10619	1110	31
CFS01	31035	6200	14	CFS01	31235	6200	11	CFW01	10619	5081	03
CFS01	31035	6210	06	CFS01	31235	7000	18	CFW01	10619	7000	39
CFS01	31040	4010	50	CFS01	31235	7000	22	CFW01	10825	1170	07
CFS01	31050	1030	15	CFS01	31235	7000	28	CFW01	10825	2080	13
CFS01	31220	1060	25	CFS01	31235	7010	12	CFW01	10825	6130	25
CFS01	31220	1080	11	CFS01	31235	7010	17	CFW01	10825	6140	26
CFS01	31220	1110	20	CFS01	31240	6170	14	CFW01	10825	6150	23
CFS01	31220	1110	23	CFS01	31240	6230	13	CFW01	11030	4010	51
CFS01	31225	1070	25	CFS01	31240	6230	16	CFW01	11030	5050	06
CFS01	31225	1120	18	CFS01	31245	6080	34	CFW01	11030	5150	07
CFS01	31225	1130	07	CFS01	31630	6160	06	CFW01	11030	5150	10
CFS01	31225	1130	10	CFS01	31635	1000	02	CFW01	11030	6130	29
CFS01	31225	1130	13	CFS01	31635	1080	08	CFW01	11030	6140	30
CFS01	31225	1130	18	CFS01	31635	6080	31	CFW01	11030	6150	27
CFS01	31225	1130	23	CFS01	31635	6190	08	CFW01	11030	6150	30
CFS01	31225	1130	33	CFS01	31640	1010	05	CFW01	11236	1160	12
CFS01	31225	3000	04	CFS01	31640	6190	09	CFW01	11236	1170	13
CFS01	31225	3010	13	CFS01	31640	7000	09	CFW01	11236	4150	08
CFS01	31225	3010	22	CFS01	32055	7030	15	CFW01	11236	5150	16
CFS01	31225	3010	25	CFS01	32060	4010	38	CFW01	11442	1150	04
CFS01	31225	4140	04	CFS01	31230	3000	11	CFW01	21030	6140	34
CFS01	31225	4180	21	CFS01	31240	2120	50	CFW02	10408	1100	09
CFS01	31225	5020	11	CFS02	10412	1140	18	CFW02	10408	1110	08
CFS01	31225	5030	02	CFS13	10412	1100	08	CFW02	10408	4080	24
CFS01	31225	5050	02	CFS13	11025	4070	12	CFW02	10510	1100	11
CFS01	31225	5060	02	CFS13	11070	6190	11	CFW02	10510	1120	13
CFS01	31225	5040	02	CFS13	12070	6190	10	CFW02	10510	5071	09
CFS01	31230	1020	03	CFS13	20816	2110	06	CFW02	10816	1050	06
CFS01	31230	1030	13	CFS13	21225	2100	04	CFW02	11225	1030	09
CFS01	31230	1040	02	CFS13	21290	2100	05	CFW02	11630	2090	10
CFS01	31230	1060	13	CFS13	30825	2100	07	CFW02	11020	1050	03
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CFS01	31230	2090	12	CFS13	40614	4100	10	CFW03	10408	1100	10
CFS01	31230	4080	28	CFS13	41025	5050	16	CFW03	10408	1110	18
CFS01	31230	4090	11	CFS15	10408	4080	22	CFW03	10408	5020	05
CFS01	31230	4110	13	CFS15	10408	5020	04	CFW03	10408	5030	07

PART NUMBER		F/NO.	I/NO.	PART NUMBER		F/NO.	I/NO.	PART NUMBER		F/NO.	I/NO.
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CFW03	10616	5150	44	CFW05	10616	4140	06	CFW05	12032	6230	17
CFW03	10816	4080	20	CFW05	10616	4180	19	CFW05	12032	6230	23
CFW03	10816	4090	10	CFW05	12032	1030	14	CFW05	12032	7000	19
CFW03	10816	4100	22	CFW05	12032	1040	03	CFW05	12032	7000	23
CFW05	06023	1110	14	CFW05	12032	1060	08	CFW05	12032	7000	29
CFW05	06023	4080	11	CFW05	12032	1060	16	CFW05	12032	7010	13
CFW05	06023	4100	09	CFW05	12032	1060	20	CFW05	12032	7010	18
CFW05	06023	5050	14	CFW05	12032	1070	26	CFW05	12032	5040	03
CFW05	08023	1060	11	CFW05	12032	1080	06	CFW05	12032	5040	05
CFW05	08023	1070	04	CFW05	12032	1080	12	CFW05	14045	1150	07
CFW05	08023	1070	07	CFW05	12032	1110	21	CFW05	14045	5150	42
CFW05	08023	1070	18	CFW05	12032	1110	24	CFW05	16045	1000	03
CFW05	08023	1070	30	CFW05	12032	1120	19	CFW05	16045	1080	09
CFW05	08023	1070	35	CFW05	12032	1130	08	CFW05	16045	2120	02
CFW05	08023	1120	05	CFW05	12032	1130	11	CFW05	16045	2120	35
CFW05	08023	1120	09	CFW05	12032	1130	14	CFW05	16045	3010	11
CFW05	08023	1120	14	CFW05	12032	1130	19	CFW05	16045	3031	12
CFW05	08023	1130	29	CFW05	12032	1130	24	CFW05	16045	3040	13
CFW05	08023	2090	06	CFW05	12032	1130	34	CFW05	16045	4010	04
CFW05	08023	4080	03	CFW05	12032	2090	13	CFW05	16045	5140	08
CFW05	08023	4080	18	CFW05	12032	3000	05	CFW05	16045	6080	32
CFW05	08023	4080	26	CFW05	12032	3010	14	CFW05	16045	6160	05
CFW05	08023	4080	32	CFW05	12032	3010	23	CFW05	16045	6190	07
CFW05	08023	4080	35	CFW05	12032	3010	26	CFW05	16045	7000	10
CFW05	08023	4090	08	CFW05	12032	4070	05	CFW05	20060	3000	08
CFW05	08023	4090	15	CFW05	12032	4080	29	CFW05	20060	4000	16
CFW05	08023	4090	19	CFW05	12032	4090	12	CFW05	20060	7030	16
CFW05	08023	4100	03	CFW05	12032	4110	12	CFW05	22060	4000	14
CFW05	08023	4100	15	CFW05	12032	4120	02	CFW05	24060	4010	24
CFW05	08023	5040	15	CFW05	12032	4140	02	CFW05	10619	4150	10
CFW05	10032	1010	03	CFW05	12032	4180	22	CFW05	12032	4010	42
CFW05	10032	1070	36	CFW05	12032	4190	12	CFW05	12032	3000	10
CFW05	10032	1110	11	CFW05	12032	5000	05	CFW05	20060	4010	39
CFW05	10032	1110	28	CFW05	12032	5010	03	CFW05	27080	5000	08
CFW05	10032	1130	17	CFW05	12032	5020	12	CFW06	08023	2100	12
CFW05	10032	1130	27	CFW05	12032	5030	03	CFW06	08023	2120	16
CFW05	10032	1140	17	CFW05	12032	5050	03	CFW06	08023	4070	09
CFW05	10032	2090	17	CFW05	12032	5060	03	CFW06	08023	6220	05
CFW05	10032	4000	11	CFW05	12032	5140	11	CFW06	08023	6220	22
CFW05	10032	5020	10	CFW05	12032	5140	13	CFW06	08023	6230	28
CFW05	10032	5140	15	CFW05	12032	5150	18	CFW06	10032	6220	10
CFW05	10032	6130	32	CFW05	12032	5150	48	CFW06	10032	6220	13
CFW05	10032	6140	38	CFW05	12032	6080	14	CFW06	10032	6230	05
CFW05	10032	6160	14	CFW05	12032	6080	17	CFW06	10032	6230	11
CFW05	10032	6170	13	CFW05	12032	6160	07	CFW06	16045	6130	33
CFW05	10032	6200	13	CFW05	12032	6170	06	CFW06	16045	6150	33
CFW05	10032	6210	07	CFW05	12032	6200	10	CFW35	12090	4150	07
CFW05	10032	6220	29	CFW05	12032	6220	20	CFY02	20634	1030	18
CFW05	10032	6230	20	CFW05	12032	6220	26	CGR01	02512	4090	06

PART NUMBER		F/NO.	I/NO.	PART NUMBER		F/NO.	I/NO.	PART NUMBER		F/NO.	I/NO.
CGR01	02512	4090	17	CHS01	13025	6220	02	CHS04	11217	4190	16
CGR01	03620	1030	21	CHS01	13025	6220	15	CHS04	11824	4180	32
CGR03	00720	3010	16	CHS01	13025	6230	25	CHS04	11824	4190	24
CGR05	00706	1100	06	CHS01	13028	5140	05	CHS04	13342	4180	28
CGR05	01610	1100	03	CHS01	13030	6130	22	CHS08	10125	4010	33
CGR05	02512	4090	20	CHS01	13030	6140	23	CHS12	00070	3010	17
CGR05	05016	5140	09	CHS01	13030	6140	28	CLN01	10000	4000	04
CHC01	08048	6130		CHS01	13030	6150	20	CLN01	10000	6150	31
CHC01	08048	6140		CHS01	13032	6220	07	CLN01	10000	7000	03
CHC01	08048	6150		CHS01	13032	6220	31	CLN01	10000	7000	24
CHC01	10052	6140		CHS01	13032	6230	02	CLN01	10000	7000	30
CHH22	00405	4110	01	CHS01	13035	4070	03	CLN01	10000	7010	06
CHH22	00405	4110	02	CHS01	13035	6170	05	CLN01	10000	7020	05
CHH22	00405	4110	03	CHS01	13035	6200	09	CLN01	10675	7020	04
CHH22	00405	4110	04	CHS01	13035	6230	09	CLN01	10900	6140	39
CHH22	00405	4110	05	CHS01	13038	6190	05	CLN01	10900	6150	32
CHH22	00405	4110	06	CHS01	13040	1170	03	CLN01	10900	7010	05
CHH22	00409	4190	18	CHS01	13045	6190	06	CLN02	00000	3010	05
CHH22	00412	4180	25	CHS01	15105	3010	09	CPF05	10813	4000	05
CHH22	00608	4180	01	CHS01	15120	6130	10	CPF05	10813	7000	31
CHH22	00615	4180	04	CHS01	15120	6150	09	CPF15	10214	4130	05
CHH28	01207	4070	02	CHS01	15130	6140	10	CPF15	10214	4180	14
CHH28	01222	2100	09	CHS01	15170	1080	04	CPF15	10214	4190	07
CHH28	11216	6230	24	CHS01	15180	6080	05	CPF15	10422	4190	21
CHH29	01208	6220	01	CHS01	05140	2120	49	CPF22	10422	6180	05
CHH29	01610	6220	06	CHS01	05165	2120	43	CPL01	10810	4010	02
CHH29	01610	6230	01	CHS01	05180	2120	42	CPL03	12412	2120	08
CHH29	11208	6220	14	CHS01	05240	4010	37	CPL03	13620	6080	02
CHH29	11608	6220	30	CHS01	13022	4010	48	CPL06	11410	4180	40
CHH30	29922	6160	09	CHS01	15095	4010	49	CPL06	11812	4010	46
CHR01	00305	1070	10	CHS02	02070	6130	36	CPL06	12414	2080	06
CHS01	01007	1070	15	CHS02	02070	6140	43	CPL06	12414	2120	32
CHS01	02055	1070	16	CHS02	02070	6150	36	CPL06	12414	6160	12
CHS01	02105	6160	04	CHS03	11423	4130	06	CSB02	01040	6140	11
CHS01	03022	1060	03	CHS03	11423	4160	07	CSB02	09040	6130	11
CHS01	03032	2100	02	CHS03	11423	4180	07	CSB02	09040	6150	10
CHS01	05230	6080	19	CHS03	11423	4180	13	CSD01	00080	6130	03
CHS01	12055	3010	06	CHS03	11423	4190	06	CSD01	00080	6140	03
CHS01	12060	3020	05	CHS03	12034	2100	22	CSD01	00080	6150	18
CHS01	12065	6210	09	CHS03	12034	4180	03	CSD01	00090	7000	04
CHS01	12070	6130	35	CHS03	12034	4190	22	CSD01	00090	7000	05
CHS01	12070	6140	42	CHS03	12034	6180	06	CSD01	00090	7010	07
CHS01	12070	6150	35	CHS03	12434	2080	07	CTZ01	00150	8000	04
CHS01	12075	3040	11	CHS03	12434	2120	09	CVL01	20000	3010	20
CHS01	12115	2080	11	CHS03	12434	2120	33	ESH01	24455	2120	12
CHS01	13022	6180	02	CHS03	12434	6160	11	ESH01	24460	2120	
CHS01	13022	6180	11	CHS03	13634	1130	36	ESH01	24465	2120	
CHS01	13025	2100	08	CHS03	13634	6080	03	ESH01	24470	2120	
CHS01	13025	4010	07	CHS04	01824	2100	18	ESH01	24475	2120	
CHS01	13025	4070	06	CHS04	11217	2100	26	ESH01	24480	2120	

PART NUMBER			F/NO.	I/NO.	PART NUMBER			F/NO.	I/NO.	PART NUMBER			F/NO.	I/NO.
ESH01	24485	2120			ESH01	24505	2120			ZFB46	11220	1140	07	
ESH01	24490	2120			ESH01	24510	2120			ZFB46	11220	1140	11	
ESH01	24495	2120			ZFB46	10812	1140	09						
ESH01	24500	2120			ZFB46	11020	1140	04						

FOREWORD

IN THE PARTS CATALOGUE FEW CODIFICATIONS HAVE BEEN INTRODUCED FOR THE BETTER UNDERSTANDING AND USE, SPECIALLY WITH REGARDS TO THE SERVICEABILITY AND REPLACEMENT OF PARTS :

NAME OF THE PART : Part name with prefixes (.),(..),(...) and so on indicate level of assembly

QTY : 'Qty' indicates the quantity of a part required per equipment. In case of a component part of an assembly, however, it indicates the quantity of the part required of the assembly.

: Item is shown to furnish further details and the same is for reference only. Hence the 'QTY' should not be reckoned.

*** :** Item is shown without part no. for reference only.

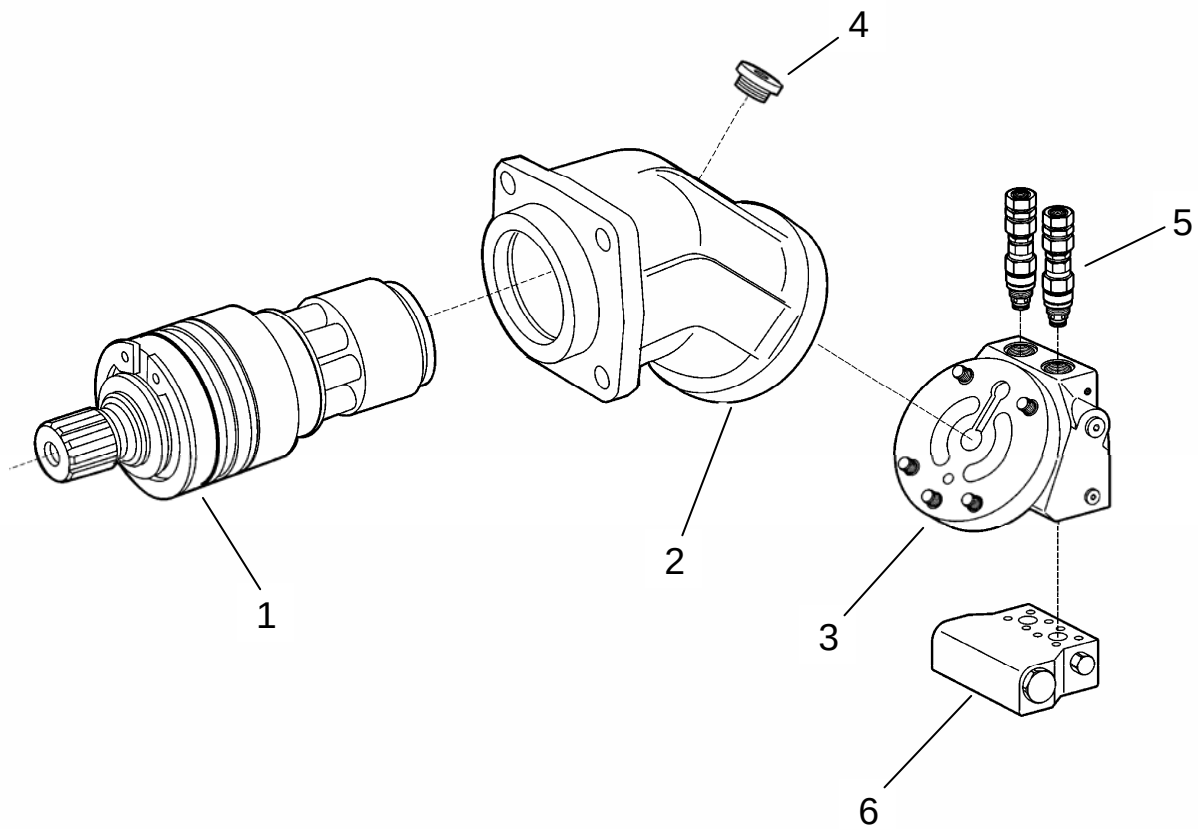
NOTE : This is a supplementary parts catalogue for hydraulic aggregates only. For all other details, refer separate BE220/BE220LC parts catalogue.

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24	HYDRAULIC PUMP (5/10)	24	50
25	HYDRAULIC PUMP (6/10)	25	52
26	HYDRAULIC PUMP (7/10)	26	54
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FIG. 1 TRAVEL MOTOR (1/12)

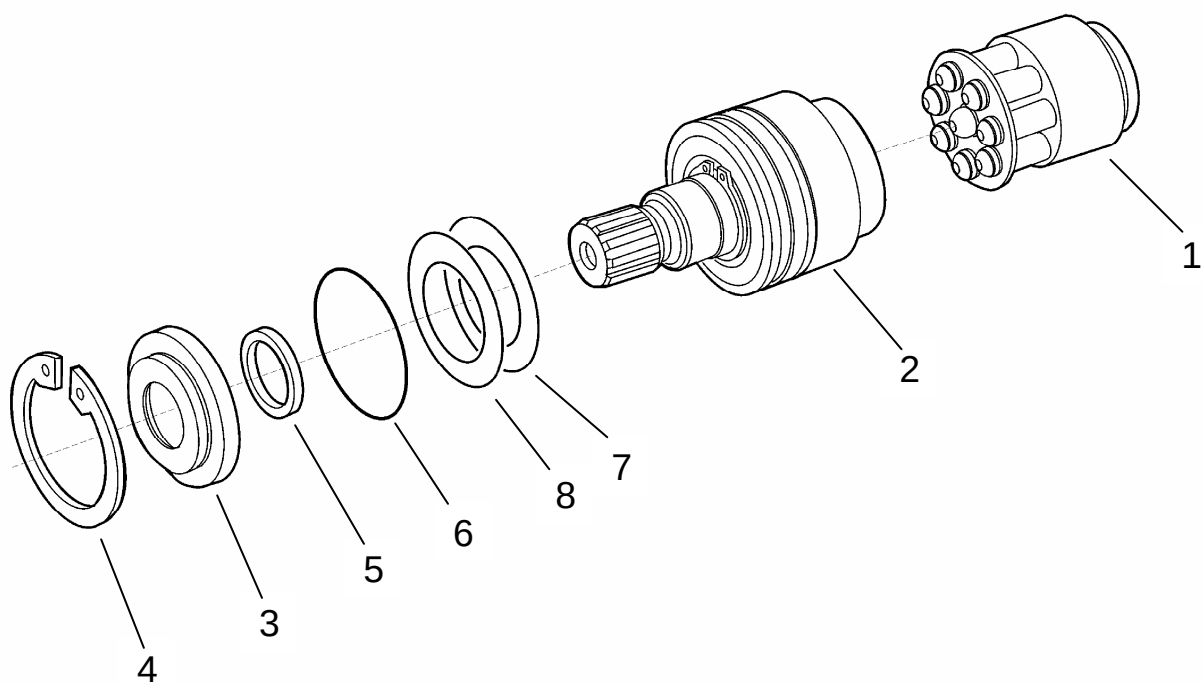


TRAVEL MOTOR(1/12)

FIG NO.1

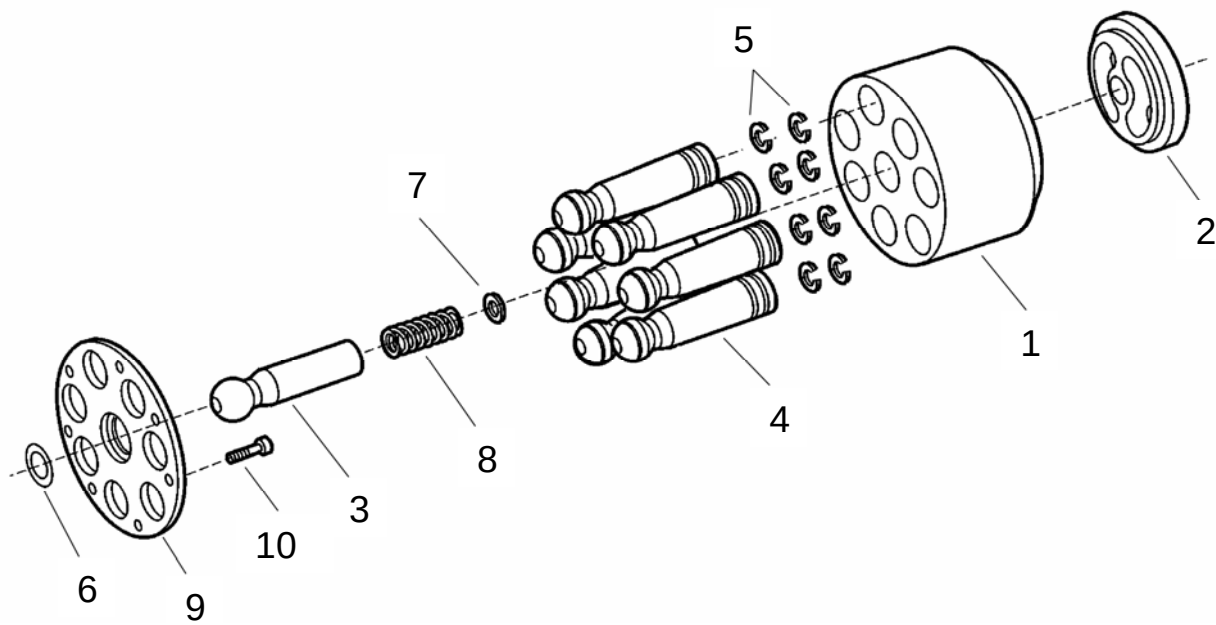
[illegible]

FIG. 2 TRAVEL MOTOR (2/12)



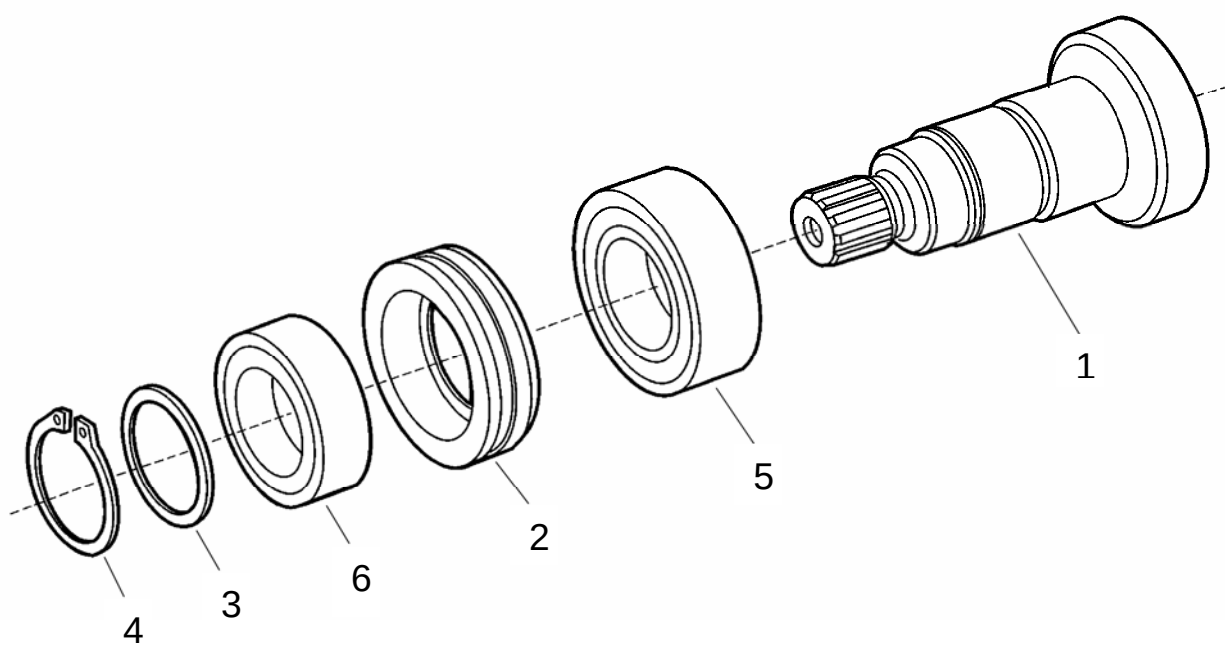
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91327	TRAVEL MOTOR ASSY	2	
	#156 PB 93912	.HYDRO MOTOR	1	
	#156 PB 91003	..ROTARY GROUP	1	
01	156 PB 91052	...ROTARY GROUP, HYDR.	1	
02	156 PB 91069	...DRIVE SHAFT WITH BEA	1	
03	156 PB 91077	...COVER	1	K1
04	156 PB 91085	...RETAINING RING	1	
05	156 PB 91093	...SHAFT SEAL RING	1	K1
06	156 PB 91109	...O-RING	1	K1
07	156 PB 91117	...SHIM	2	
08	156 PB 91125	...SHIM	1	
	156 PB 94714	SEAL KIT (K1)	1	

FIG. 3 TRAVEL MOTOR (3/12)



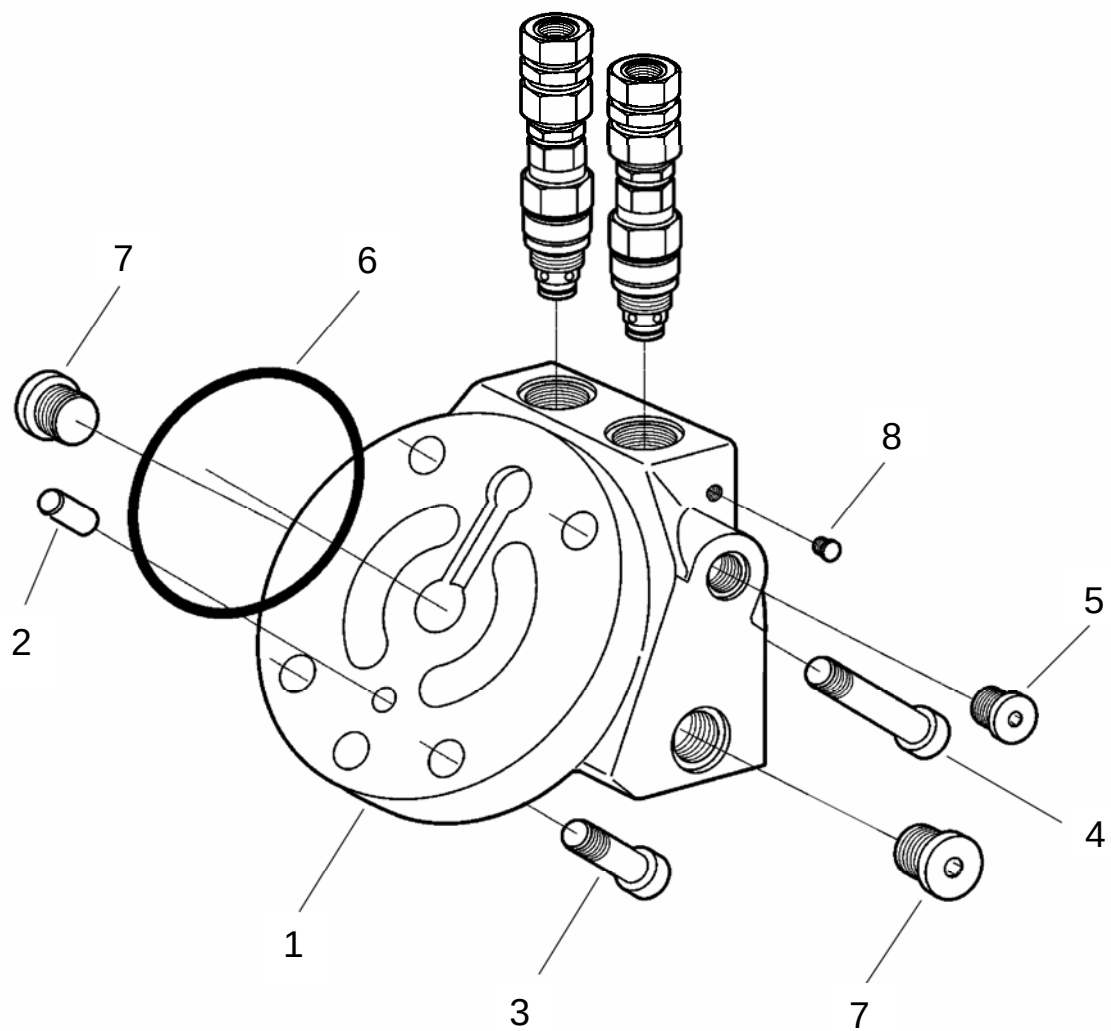
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91327	TRAVEL MOTOR ASSY	2	
	#156 PB 93912	.HYDRO MOTOR	1	
	#156 PB 91003	..ROTARY GROUP	1	
	#156 PB 91052	...ROTARY GROUP, HYDR.	1	
01	156 PB 91133	CYLINDER	1	
02	156 PB 91141	CONTROL PLATE	1	
03	156 PB 91158	CENTER PIN	1	
	156 PB 91166	PISTON WITH PISTON R	7	
04	156 PB 91271	PISTON	1	
05	156 PB 91288	STEEL SEALING RING	2	
06	156 PB 91174	WASHER	1	
07	156 PB 91182	ADJUSTMENT SHIM	1	
08	156 PB 91247	PRESSURE SPRING	1	
09	156 PB 91255	RETAINING PLATE	1	
10	156 PB 91263	PAN HEAD SCREW W. TO	7	

FIG. 4 TRAVEL MOTOR (4/12)



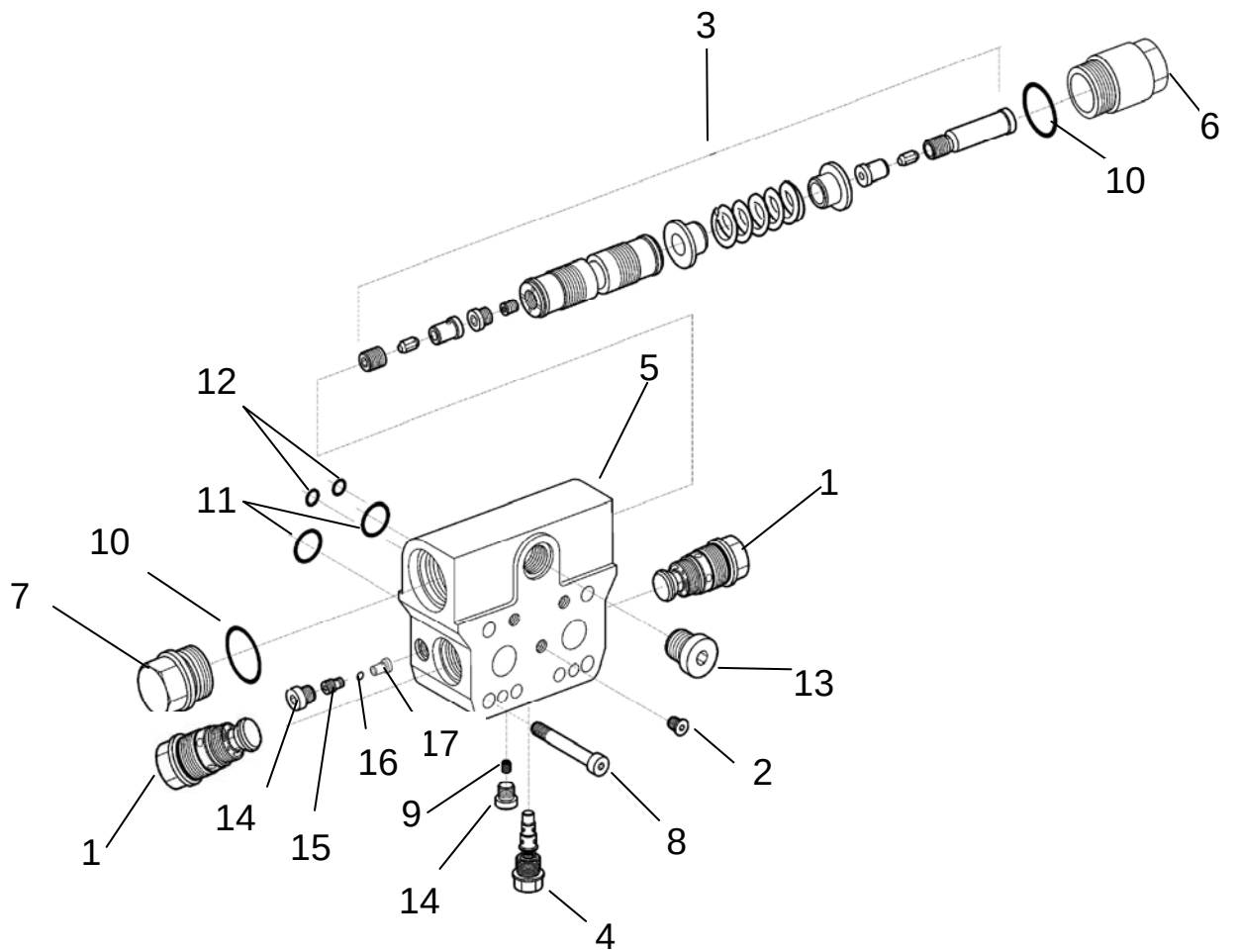
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91327	TRAVEL MOTOR ASSY	2	
	#156 PB 93912	.HYDRO MOTOR	1	
	#156 PB 91003	..ROTARY GROUP	1	
	#156 PB 91069	...DRIVE SHAFT WITH BEA	1	
01	156 PB 91296	DRIVE SHAFT	1	
02	156 PB 91303	BEARING RING	1	
03	156 PB 91311	BACK-UP PLATE	1	
04	156 PB 91328	RETAINING RING	1	
05	156 PB 91336	TAPERED-ROLLER BEARI	1	
06	156 PB 91344	TAPERED-ROLLER BEARI	1	

FIG. 5 TRAVEL MOTOR (5/12)



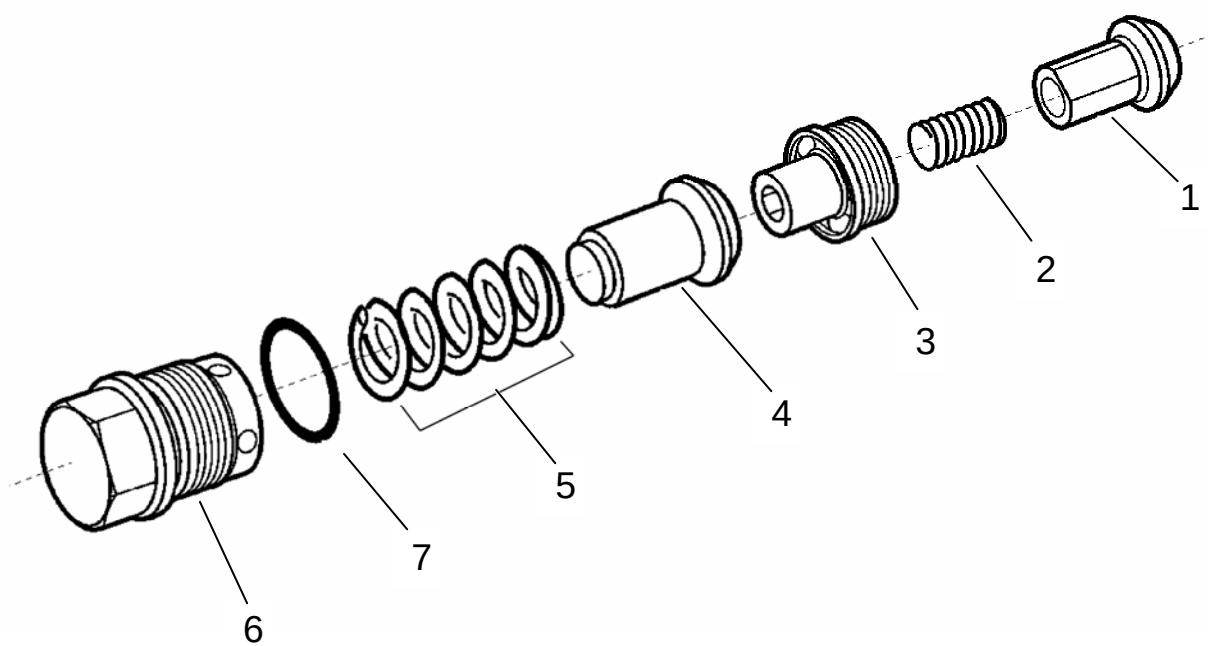
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91327	TRAVEL MOTOR ASSY	2	
	#156 PB 93912	.HYDRO MOTOR	1	
	#156 PB 91028	..PORT PLATE	1	
01	156 PB 91352	...PORT PLATE	1	
02	156 PB 91369	...CYLINDER PIN	1	
03	156 PB 91377	...SOCKET-HEAD SCREW	3	
04	156 PB 91385	...SOCKET-HEAD SCREW	2	
05	156 PB 91393	...LOCKING SCREW	1	K2
06	156 PB 91409	...O-RING	1	K2
07	156 PB 91417	...LOCKING SCREW	2	K2
08	156 PB 91425	...DOUBLE BREAK-OFF PIN	1	
	156 PB 94722	SEAL KIT (K2)	1	

FIG. 6 TRAVEL MOTOR (6/12)



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91327	TRAVEL MOTOR ASSY	2	
	#156 PB 93191	. COUNTER BALANCE VALVE	1	
01	156 PB 91433	.. VALVE	2	
02	156 PB 91425	.. DOUBLE BREAK-OFF PIN	1	
03	156 PB 91458	.. VALVE	1	
04	156 PB 94739	.. BRAKE RELEASE VALVE	1	
05	156 PB 91466	.. HOUSING	1	
06	156 PB 91474	.. LOCKING SCREW	1	
07	156 PB 91482	.. LOCKING SCREW	1	
08	156 PB 91417	.. SOCKET-HEAD SCREW	2	
09	156 PB 91514	.. PLUG	1	
10	156 PB 91522	.. O-RING	2	
11	156 PB 91539	.. O-RING	2	
12	156 PB 91547	.. O-RING	2	
13	156 PB 91393	.. LOCKING SCREW	1	K3
14	156 PB 91563	.. LOCKING SCREW	2	
	156 PB 91441	.. SHUTTLE VALVE	1	
15	156 PB 91652	... VALVE SCREW	1	
16	156 PB 91669	... BALL	1	
17	156 PB 91676	... BUSH	1	
	156 PB 95524	SEAL KIT (K3)	1	

FIG. 7 TRAVEL MOTOR (7/12)

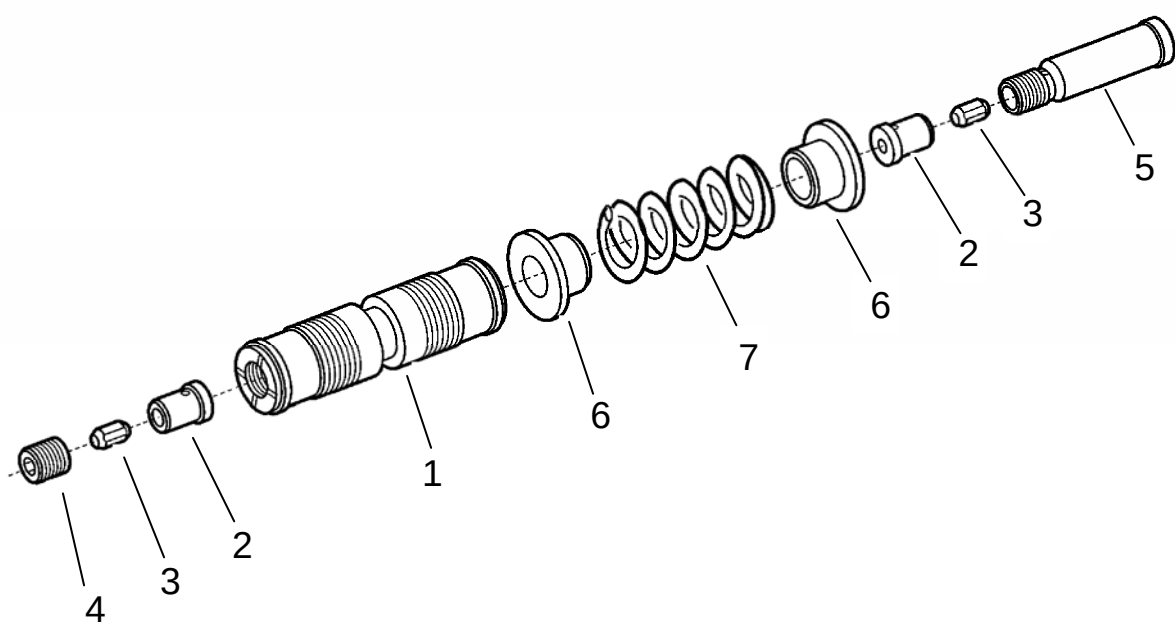


TRAVEL MOTOR(7/12)

FIG NO.7

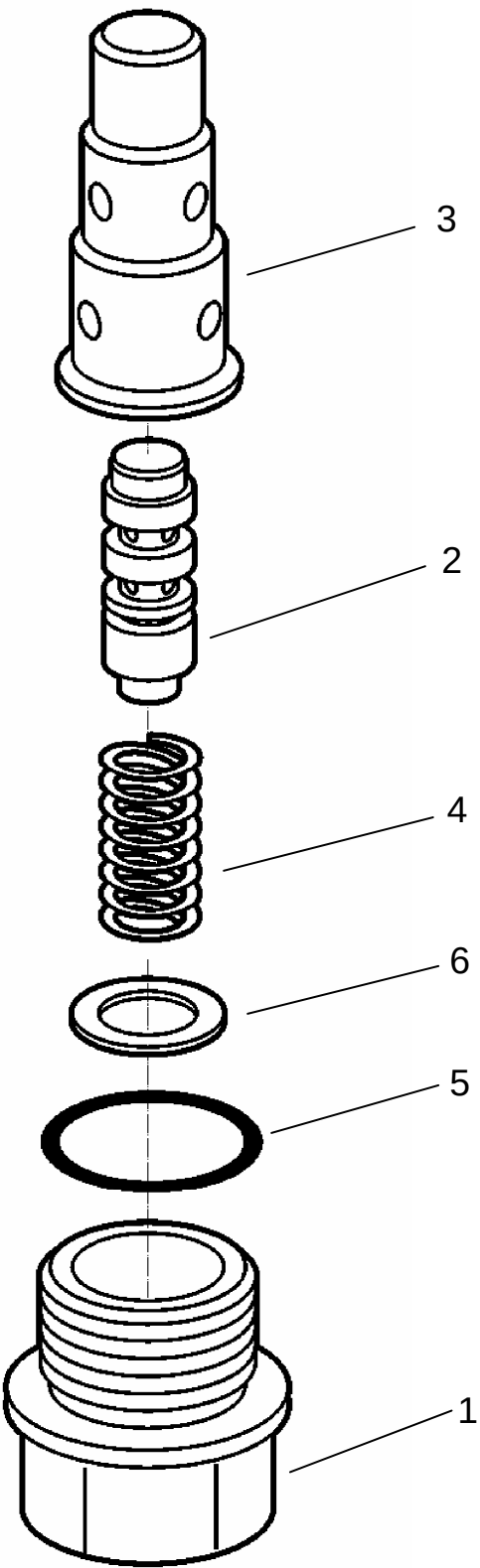
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91327	TRAVEL MOTOR ASSY	2	
	#156 PB 93191	.COUNTER BALANCE VALVE	1	
	#156 PB 91433	..VALVE	2	
01	156 PB 91588	...VALVE POPPET	1	
02	156 PB 91596	...PRESSURE SPRING	1	
03	156 PB 91603	...POPPET SEAT	1	
04	156 PB 91611	...VALVE POPPET	1	
05	156 PB 91628	...PRESSURE SPRING	1	
06	156 PB 91636	...LOCKING SCREW	1	
07	156 PB 91644	...O-RING	1	K3

FIG. 8 TRAVEL MOTOR (8/12)



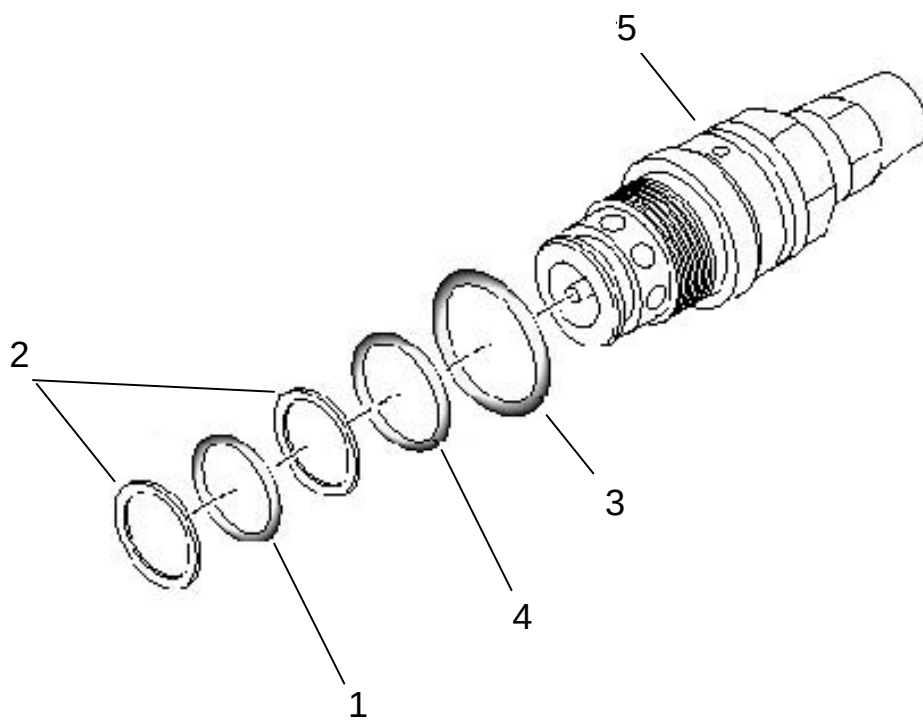
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91327	TRAVEL MOTOR ASSY	2	
	#156 PB 93191	.COUNTER BALANCE VALVE	1	
	#156 PB 91458	..VALVE	1	
01	156 PB 91685	...BRAKE PISTON	1	
02	156 PB 91693	...VALVE BUSHING	2	
03	156 PB 91709	...THROTTLE PIN	2	
04	156 PB 91711	...VALVE SCREW	1	
05	156 PB 91725	...BOLT	1	
06	156 PB 91733	...SPRING COLLAR	2	
07	156 PB 91741	...PRESSURE SPRING	1	

FIG. 9 TRAVEL MOTOR (9/12)



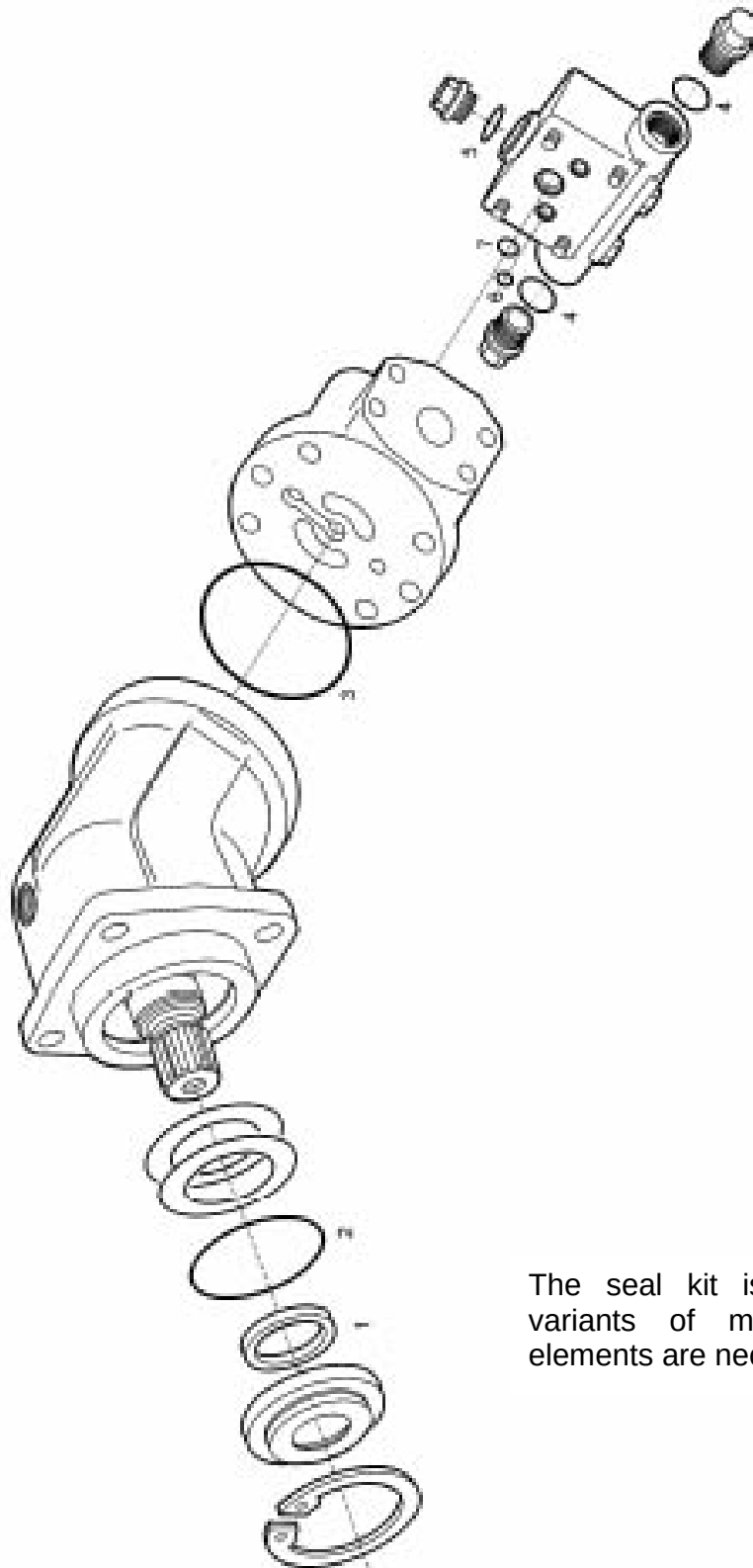
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91327	TRAVEL MOTOR ASSY	2	
	#156 PB 93191	. COUNTER BALANCE VALVE	1	
	#156 PB 94739	.. BRAKE RELEASE VALVE	1	
01	156 PB 94755	... LOCKING SCREW	1	
02	156 PB 94763	... CONTROL PISTON	1	
03	156 PB 94771	... CONTROL BUSH	1	
04	156 PB 94788	... PRESSURE SPRING	1	
05	156 PB 94796	... O-RING	1	K3
06	156 PB 94803	... SHIM	1	

FIG. 10 TRAVEL MOTOR (10/12)



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91327	TRAVEL MOTOR ASSY	2	
	#156 PB 93183	.RELIEF VALVE	2	
	156 PB 93289	..SEAL KIT - K4	1	
01	*	...O RING	1	K4
02	*	...THRUST RING	2	K4
03	*	...O RING	1	K4
04	*	...O RING	1	K4
05	156 PB 94706	..CAP	1	

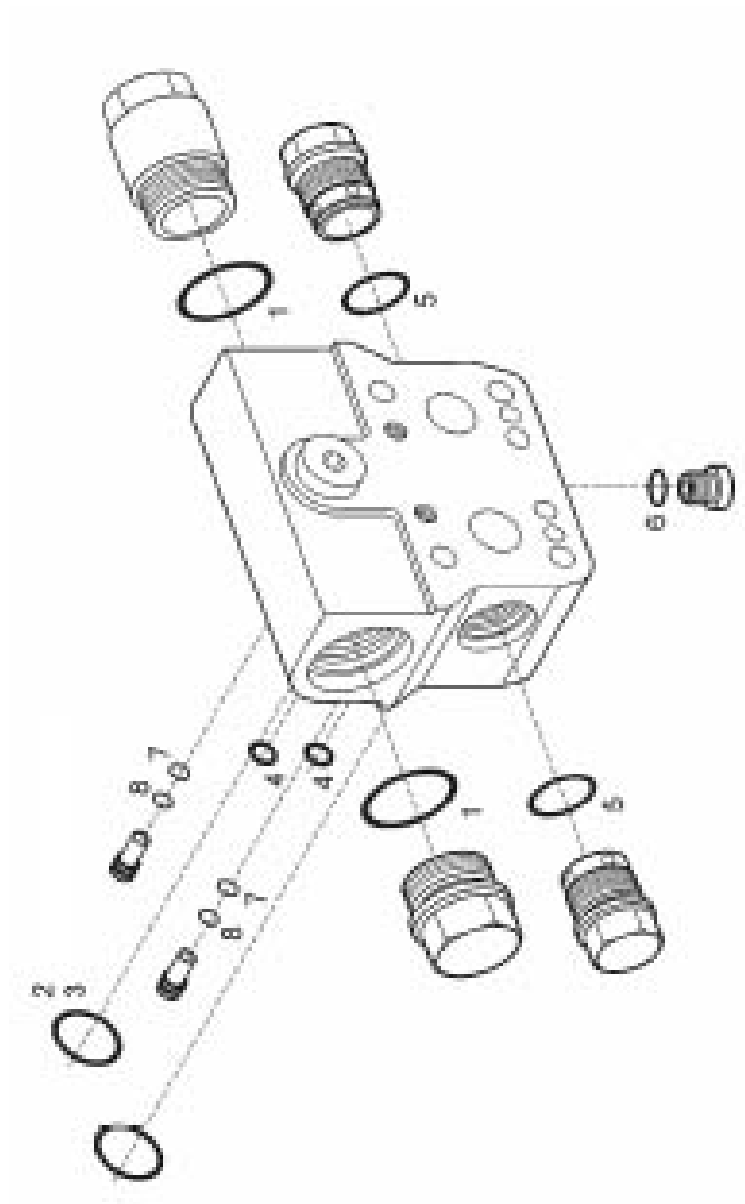
FIG. 11 TRAVEL MOTOR (11/12)



The seal kit is suitable for different variants of motor. Not all sealing elements are necessary.

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91327	TRAVEL MOTOR ASSY	2	
	156 PB 91044	. SEAL KIT COMPLETE	1	
01	156 PB 91093	.. SHAFT SEAL RING	1	
02	156 PB 91109	.. O RING	1	
03	156 PB 91409	.. O RING	1	
04	156 PB 95484	.. O RING	2	
05	156 PB 95492	.. O RING	1	
06	156 PB 95508	.. O RING	2	
07	156 PB 95516	.. O RING	1	

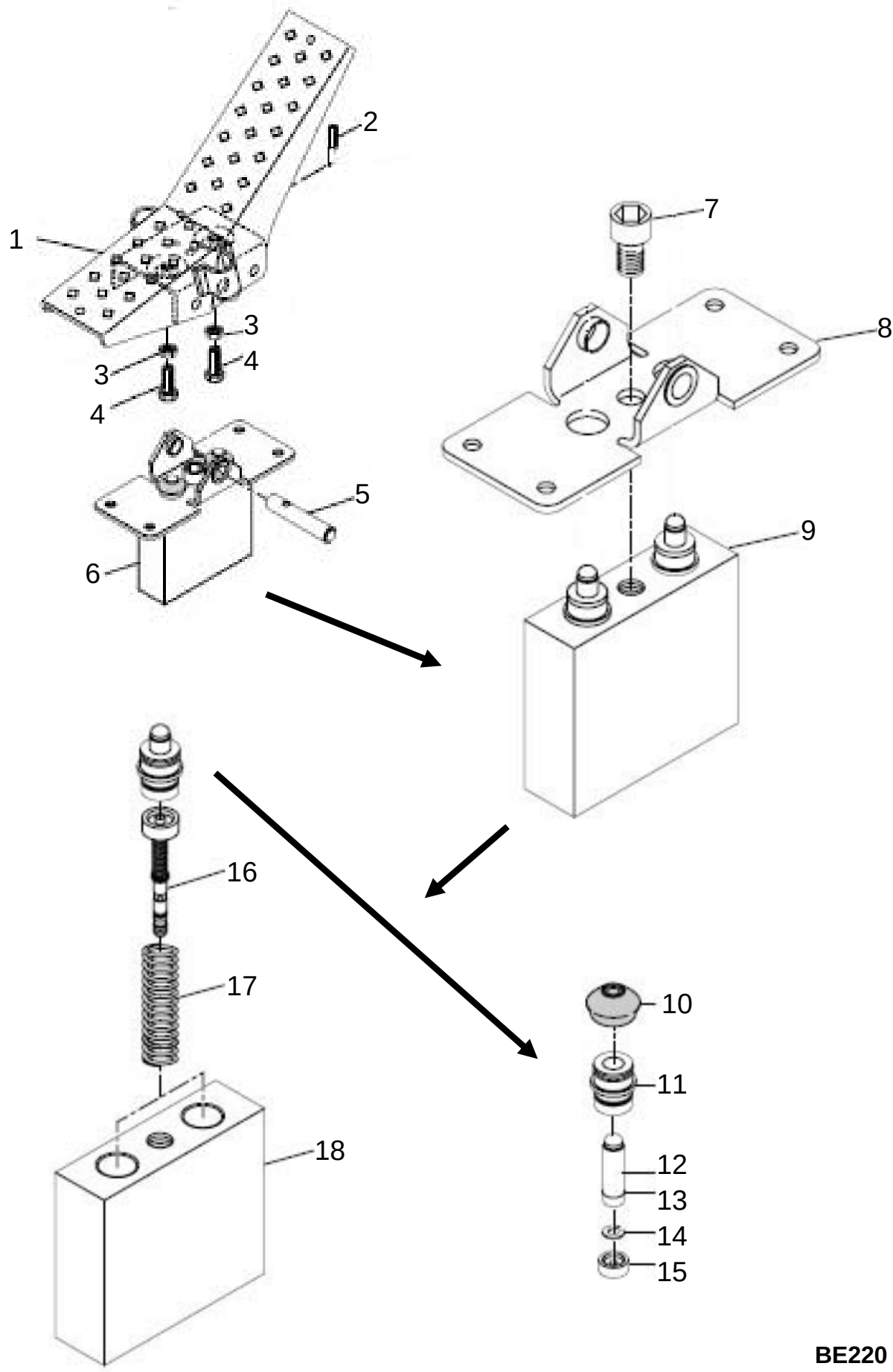
FIG. 12 TRAVEL MOTOR (12/12)



The seal kit is suitable for different variants of counter balance valve. Not all sealing elements are necessary.

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91327	TRAVEL MOTOR ASSY	2	
	156 PB 93191	.COUNTER BALANCE VALVE	1	
	156 PB 94747	..SEAL KIT	1	
01	156 PB 91522	...O RING	2	
02	156 PB 95532	...O RING	2	
03	156 PB 91539	...O RING	2	
04	156 PB 91547	...O RING	2	
05	156 PB 91644	...O RING	2	
06	156 PB 94796	...O RING	1	
07	156 PB 95549	...O RING	2	
08	156 PB 95557	...SEAL RING	2	

FIG. 13 TRAVEL CONTROL UNIT

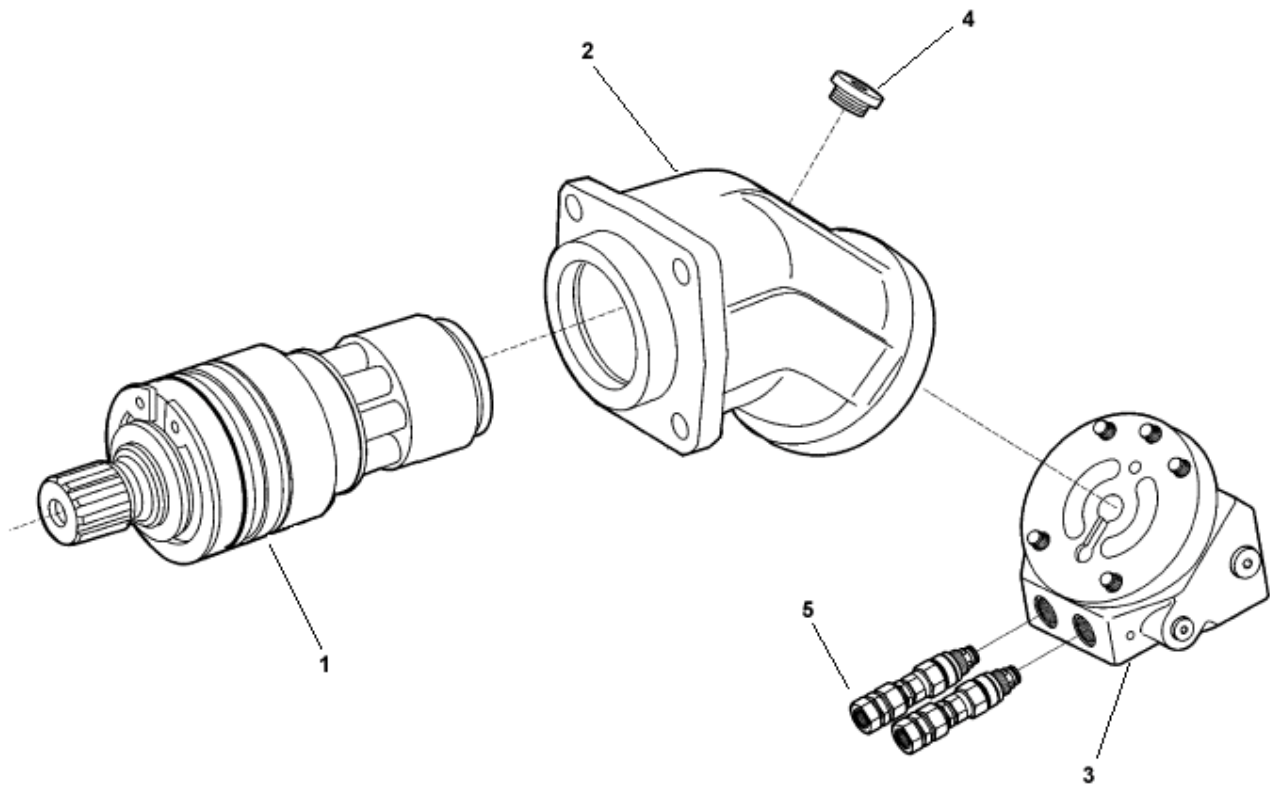


TRAVEL CONTROL UNIT

FIG NO.13

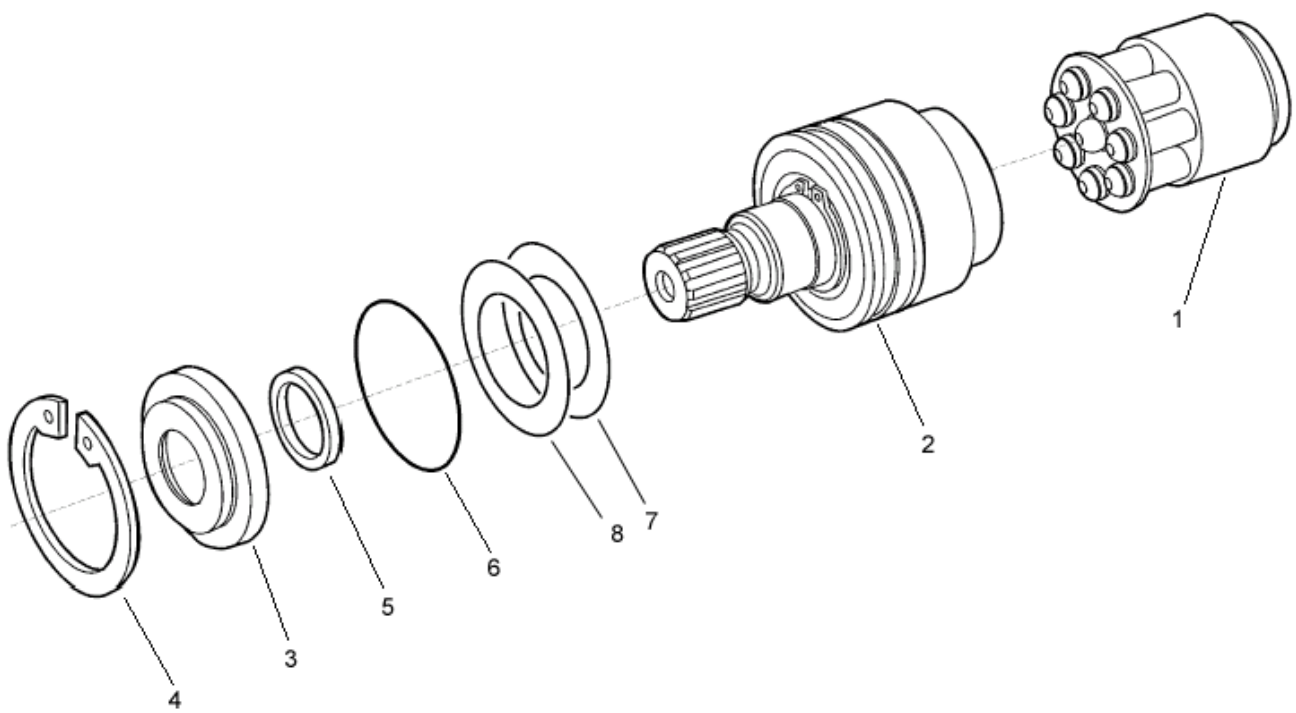
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 PM 91309	FOOT PEDAL	2	
	156 PB 95257	. PEDAL	1	
	156 PB 95265	. PEDAL KIT	1	
02	*	.. GRUB SCREW	1	
03	*	.. NUT	2	
04	*	.. SCREW	2	
05	*	.. PIN	1	
06	*	. DEVICE WITHOUT PEDAL	1	
07	156 PB 95273	.. SCREW	1	
08	156 PB 95281	.. PLATE	1	
09	*	.. LOWER PLATE	1	
	156 PB 94917	... PLUNGER KIT	1	
10	*	 RUBBER CAP	2	
11	*	 PLUNGER GUIDE	2	
12	*	 FULL PLUNGER	2	
13	*	 SPRING RING	2	
14	*	 PLATE	2	
15	*	 WASHER	2	
16	156 PB 95298	... REGULATING UNIT	2	
17	156 PB 95305	... RETURN SPRING SET	1	
18	*	... BODY	1	

FIG. 14 SWING MOTOR (1/5)



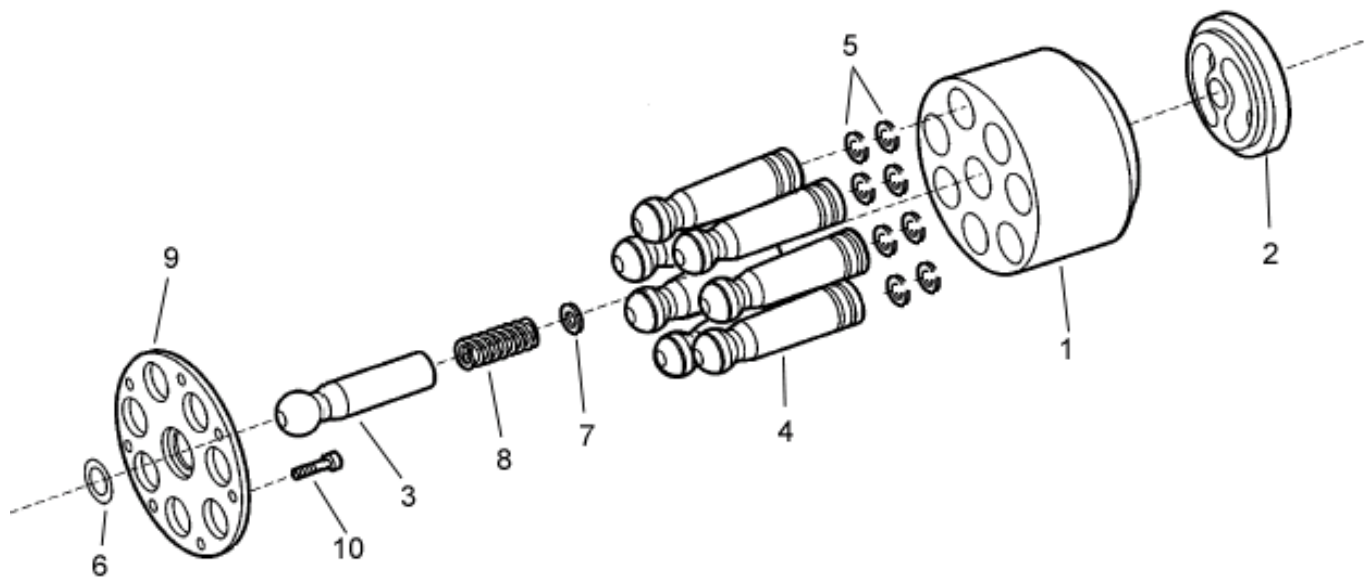
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	156 HM 91319	SWING MOTOR ASSY	1	
	#156 PB 93231	.HYDRO MOTOR	1	
01	156 PB 93223	..ROTARY GROUP	1	
02	156 PB 91011	..HOUSING	1	
03	156 PB 93248	..PORT PLATE	1	
04	156 PB 91036	..LOCKING SCREW	1	
05	156 PB 93215	.RELIEF VALVE	2	
	156 PB 93264	.SEAL KIT - K5	1	

FIG. 15 SWING MOTOR (2/5)



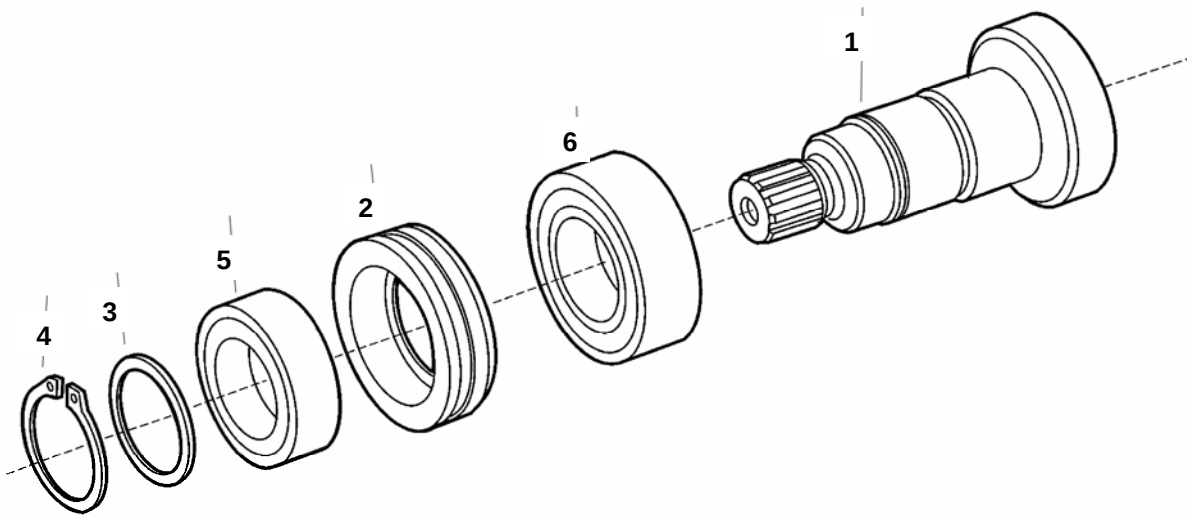
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91319	SWING MOTOR ASSY	1	
	#156 PB 93231	.HYDRO MOTOR	1	
	#156 PB 93223	..ROTARY GROUP	1	
01	156 PB 93272	...ROTARY GROUP, HYDR	1	
02	156 PB 91069	...DRIVE SHAFT WITH B	1	
03	156 PB 91077	...COVER	1	K5
04	156 PB 91085	...RETAINING RING	1	
05	156 PB 91093	...SHAFT SEAL RING	1	K5
06	156 PB 91109	...O-RING	1	K5
07	156 PB 91117	...SHIM	2	
08	156 PB 91125	...SHIM	1	

FIG. 16 SWING MOTOR (3/5)



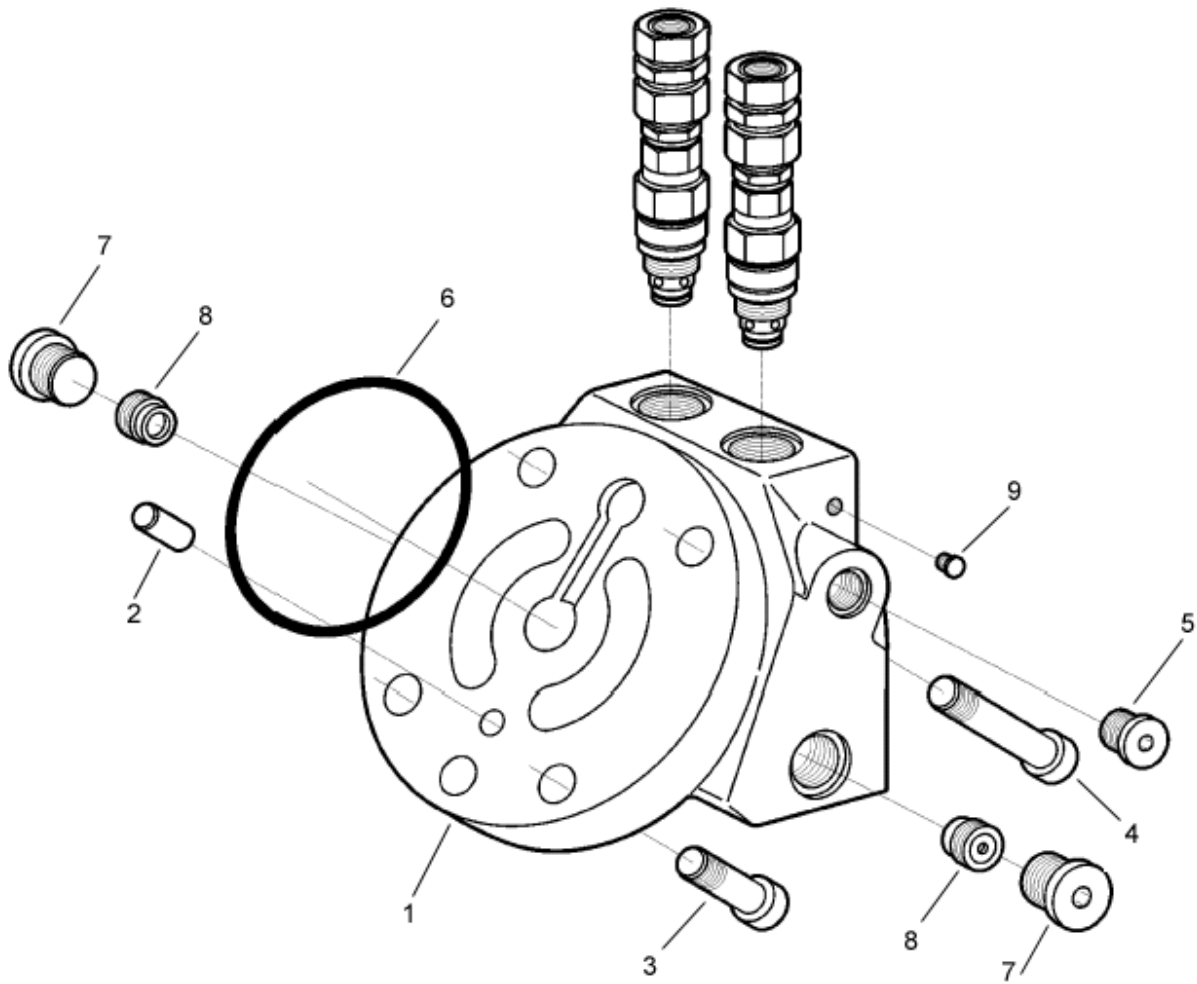
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91319	SWING MOTOR ASSY	1	
	#156 PB 93231	.HYDRO MOTOR	1	
	#156 PB 93223	..ROTARY GROUP	1	
	#156 PB 93272	...ROTARY GROUP, HYDR	1	
01	156 PB 93353	CYLINDER	1	
02	156 PB 91141	CONTROL PLATE	1	
03	156 PB 91158	CENTER PIN	1	
	156 PB 91166	PISTON WITH PISTON	7	
04	156 PB 91271	PISTON	1	
05	156 PB 91288	STEEL SEALING RING	2	
06	156 PB 91174	WASHER	1	
07	156 PB 91182	ADJUSTMENT SHIM KIT	1	
	*	ADJUSTMENT SHIM	1	
	*	ADJUSTMENT SHIM	1	
	*	ADJUSTMENT SHIM	1	
	*	ADJUSTMENT SHIM	1	
	*	ADJUSTMENT SHIM	1	
	*	ADJUSTMENT SHIM	1	
08	156 PB 91247	PRESSURE SPRING	1	
09	156 PB 91255	RETAINING PLATE	1	
10	156 PB 91263	PAN HEAD SCREW W.	7	

FIG. 17 SWING MOTOR (4/5)



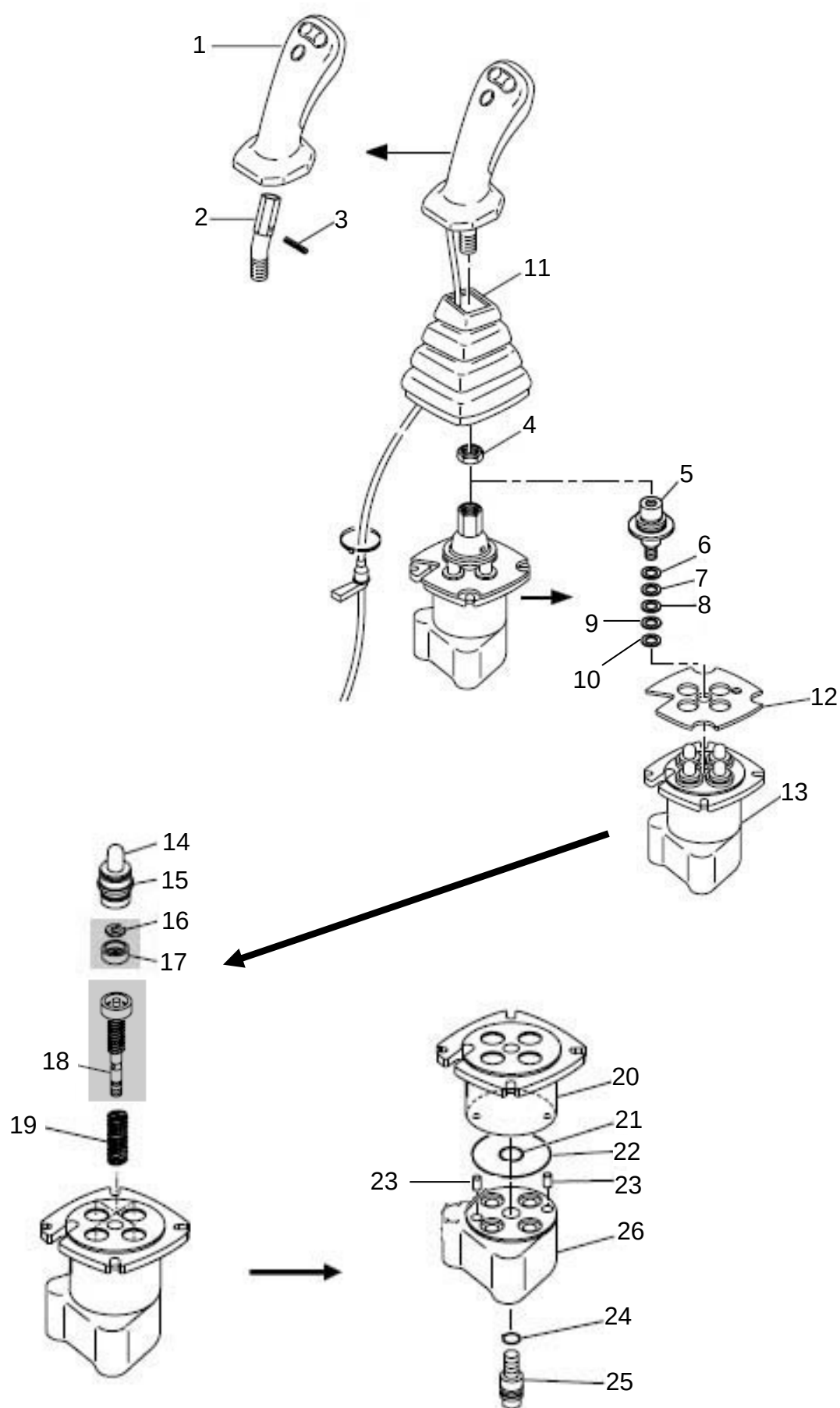
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91319	SWING MOTOR ASSY	1	
	#156 PB 93231	.HYDRO MOTOR	1	
	#156 PB 93223	..ROTARY GROUP	1	
	#156 PB 91069	...DRIVE SHAFT WITH B	1	
01	156 PB 91296	DRIVE SHAFT	1	
02	156 PB 91303	BEARING RING	1	
03	156 PB 91311	BACK-UP PLATE	1	
04	156 PB 91328	RETAINING RING	1	
05	156 PB 91336	TAPERED-ROLLER BEA	1	
06	156 PB 91344	TAPERED-ROLLER BEA	1	

FIG. 18 SWING MOTOR (5/5)



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91319	SWING MOTOR ASSY	1	
	#156 PB 93231	.HYDRO MOTOR	1	
	#156 PB 93248	...PORT PLATE	1	
01	156 PB 93548	PORT PLATE	1	
02	156 PB 91369	CYLINDER PIN	1	
03	156 PB 91377	SOCKET-HEAD SCREW	3	
04	156 PB 91385	SOCKET-HEAD SCREW	2	
05	156 PB 91393	LOCKING SCREW	1	K5
06	156 HM 91409	O-RING	1	K5
07	156 PB 93597	LOCKING SCREW	2	K5
08	156 PB 93604	CHECK VALVE	2	
09	156 PB 91425	DOUBLE BREAK-OFF P	1	

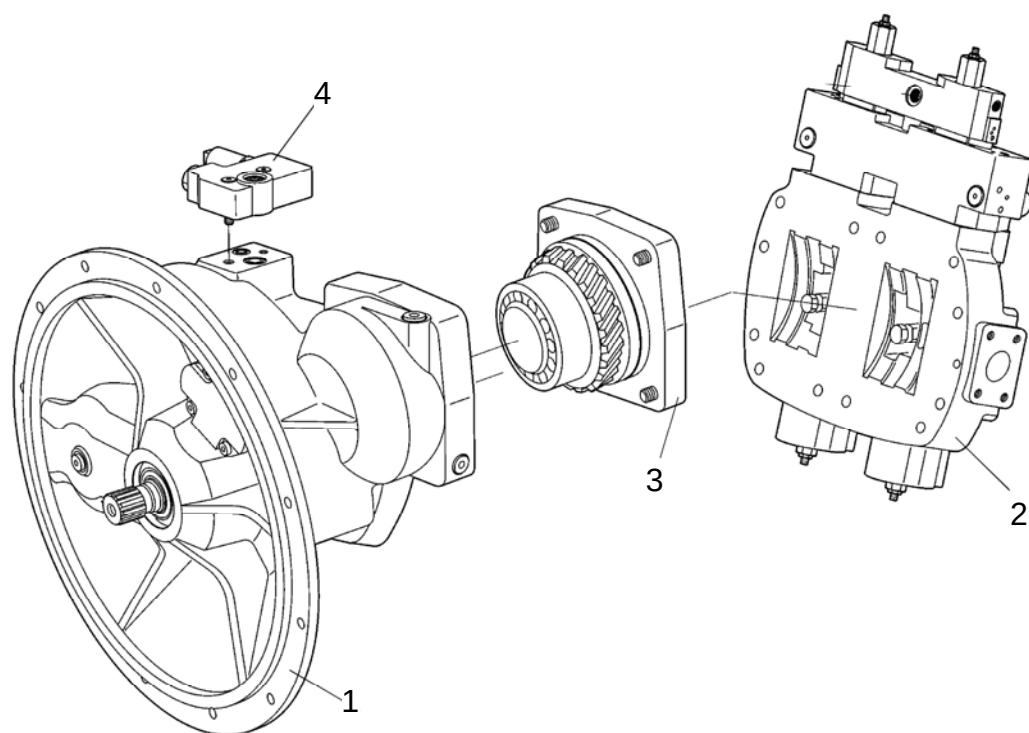
FIG. 19 IMPLEMENT PILOT CONTROL UNIT



IMPLEMENT PILOT CONTROL UNIT
FIG NO.19

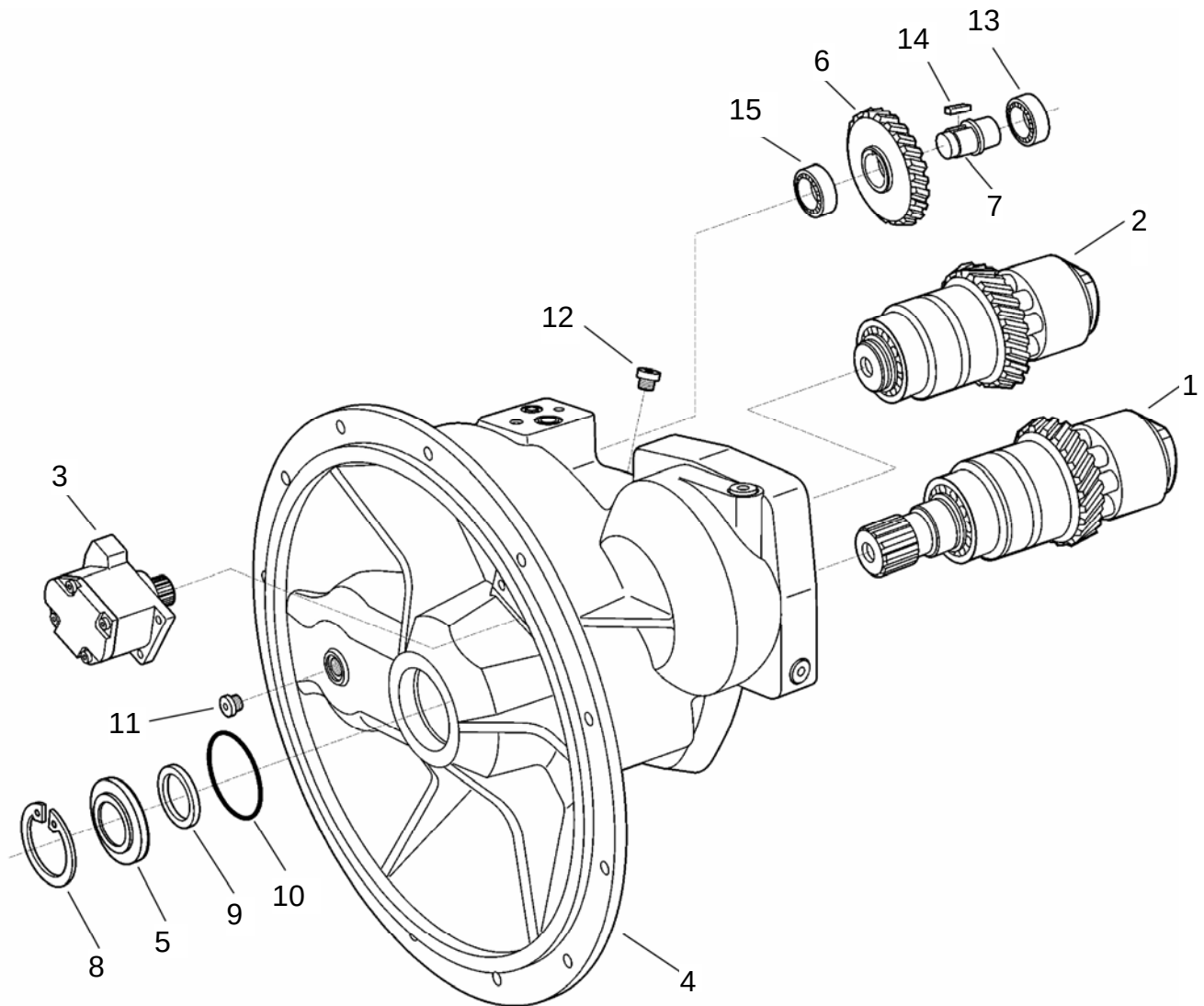
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 PM 91285	JOY STICK LH	1	
	156 PM 91293	JOY STICK RH	1	
	*	.HANDLE	1	
	156 PB 95208	.BENT LEVER KIT	1	
02	*	..BENT LEVER	1	
03	*	..LOCKING PIN	1	
04	*	..HEXAGONAL NUT	1	
	*	.CARDAN KIT	1	
05	*	..CARDAN	1	
06	*	..SHIM	1	
07	*	..SHIM	1	
08	*	..SHIM	1	
09	*	..SHIM	1	
10	*	..SHIM	1	
11	156 PB 95224	.RUBBER BOOT 15 deg.	1	
12	156 PB 95232	.RETAINING PLATE	1	
13	*	.LOWER PART	1	
	156 PB 95013	..PLUNGER KIT	4	
14	*	...PLUNGER	2	
15	*	...PLUNGER GUIDE	2	
16	*	...WASHER	2	
17	*	...PLATE	2	
18	*	..REGULATING UNIT	4	
19	*	..RETURN SPRING	4	
20	*	..UPPER BODY	1	
	156 PB 95005	..SEAL KIT	1	
21	*	...O RING	1	
22	*	...O RING	1	
23	*	...PIN	2	
24	*	...O RING	1	
25	*	...SCREW	1	
26	*	..LOWER BODY	1	

FIG. 20 HYDRAULIC PUMP (1/10)



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 HM 91302	HYDRAULIC PUMP ASSY.	1	
02	156 PB 91871	. VARIABLE DOUBLE PUMP	1	
03	156 PB 91888	. CONTROL	1	
04	156 PB 91896	. COVER	1	
	156 PB 91903	. PORT PLATE WITH	1	
	156 PB 95484	SEAL KIT - K6	1	

FIG : 21 HYDRAULIC PUMP (2/10)

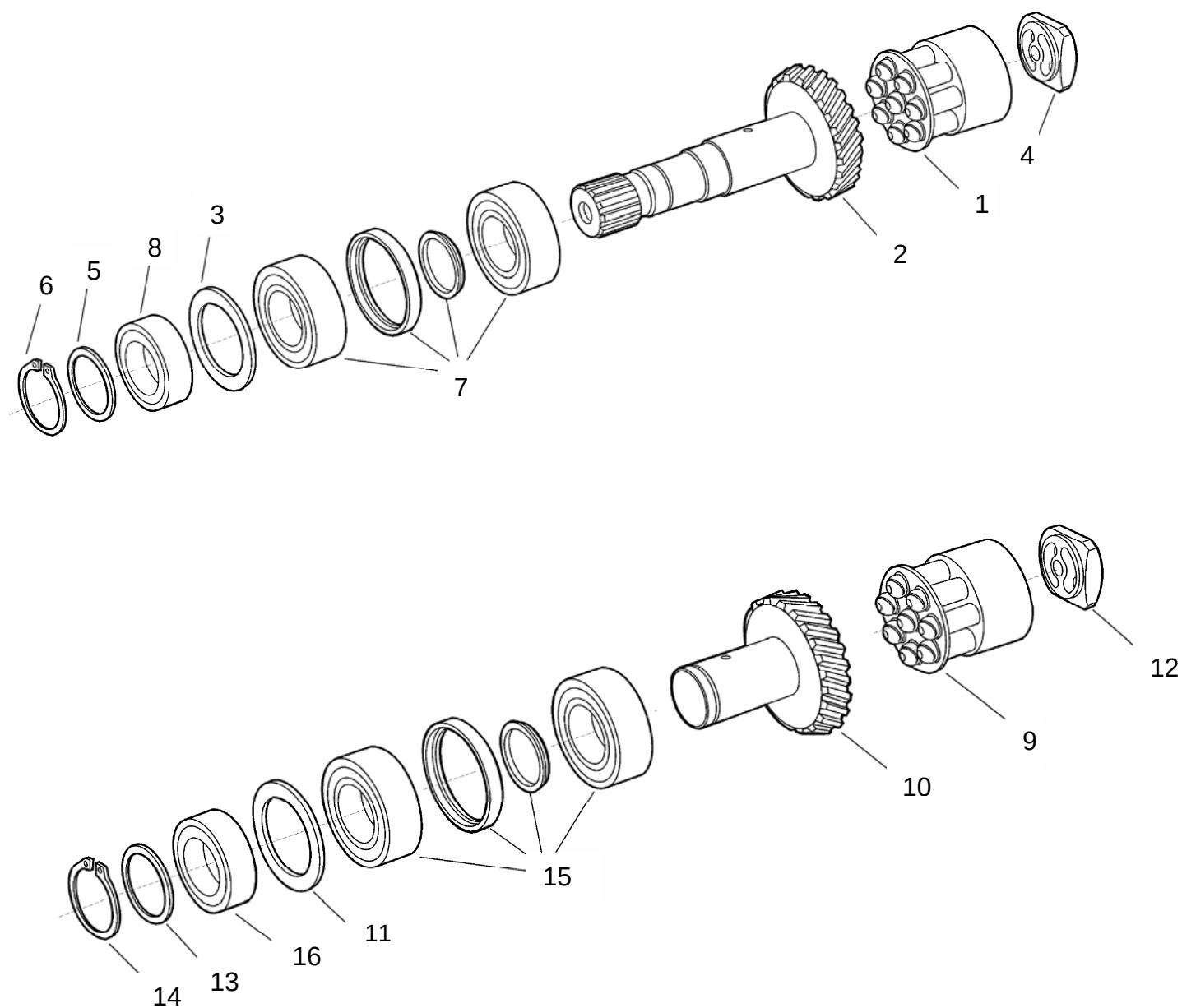


HYDRAULIC PUMP (2/10)

FIG NO.21

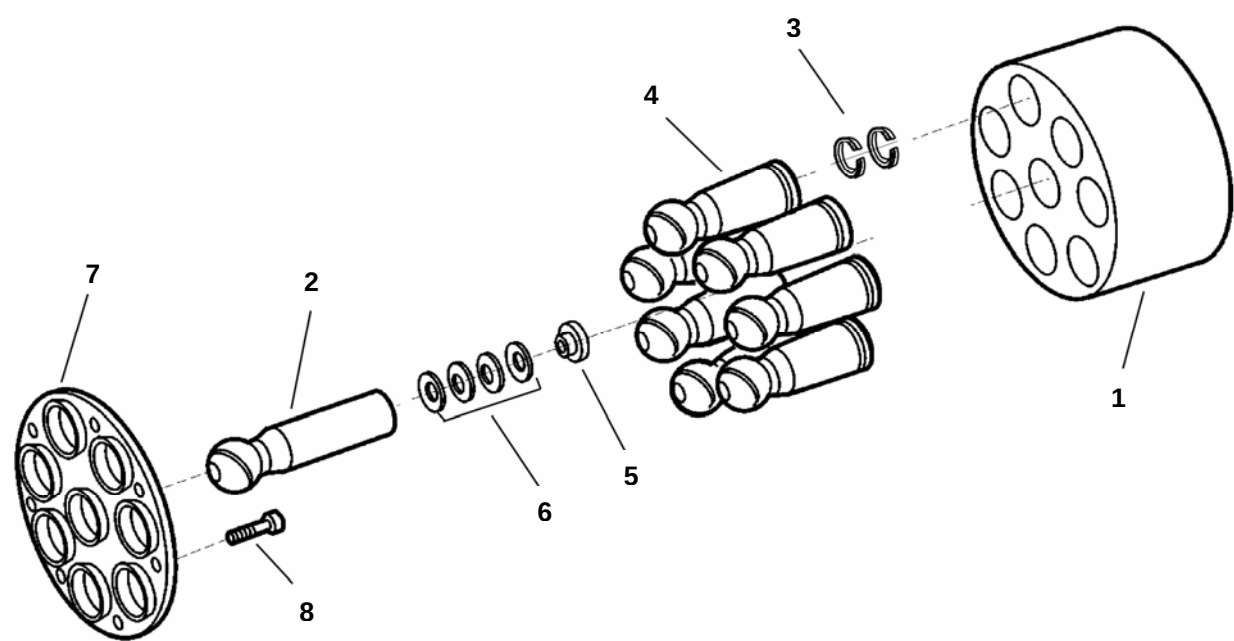
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91302	HYDRAULIC PUMP ASSY.	1	
	#156 PB 91871	. VARIABLE DOUBLE PUMP	1	
01	156 PB 91911	.. ROTARY GROUP	1	
02	156 PB 91928	.. ROTATY GROUP	1	
03	156 PB 91936	.. GEAR PUMP	1	
04	156 PB 91944	.. PUMP HOUSING	1	
05	156 PB 91952	.. COVER	1	K6
06	156 PB 91969	.. GEAR	1	
07	156 PB 91977	.. STUB SHAFT	1	
08	156 PB 91985	.. RETAINING RING	1	
09	156 PB 91993	.. SHAFT SEAL RING	1	K6
10	156 PB 92008	.. O-RING	1	K6
11	156 PB 92016	.. LOCKING SCREW	1	K6
12	156 PB 92024	.. LOCKING SCREW	3	K6
13	156 PB 92032	.. PLAIN ROLLER BEARING	1	K6
14	156 PB 92049	.. SHAFT KEY	1	
15	156 PB 92032	.. PLAIN ROLLER BEARING	1	K6

FIG. 22 HYDRAULIC PUMP (3/10)



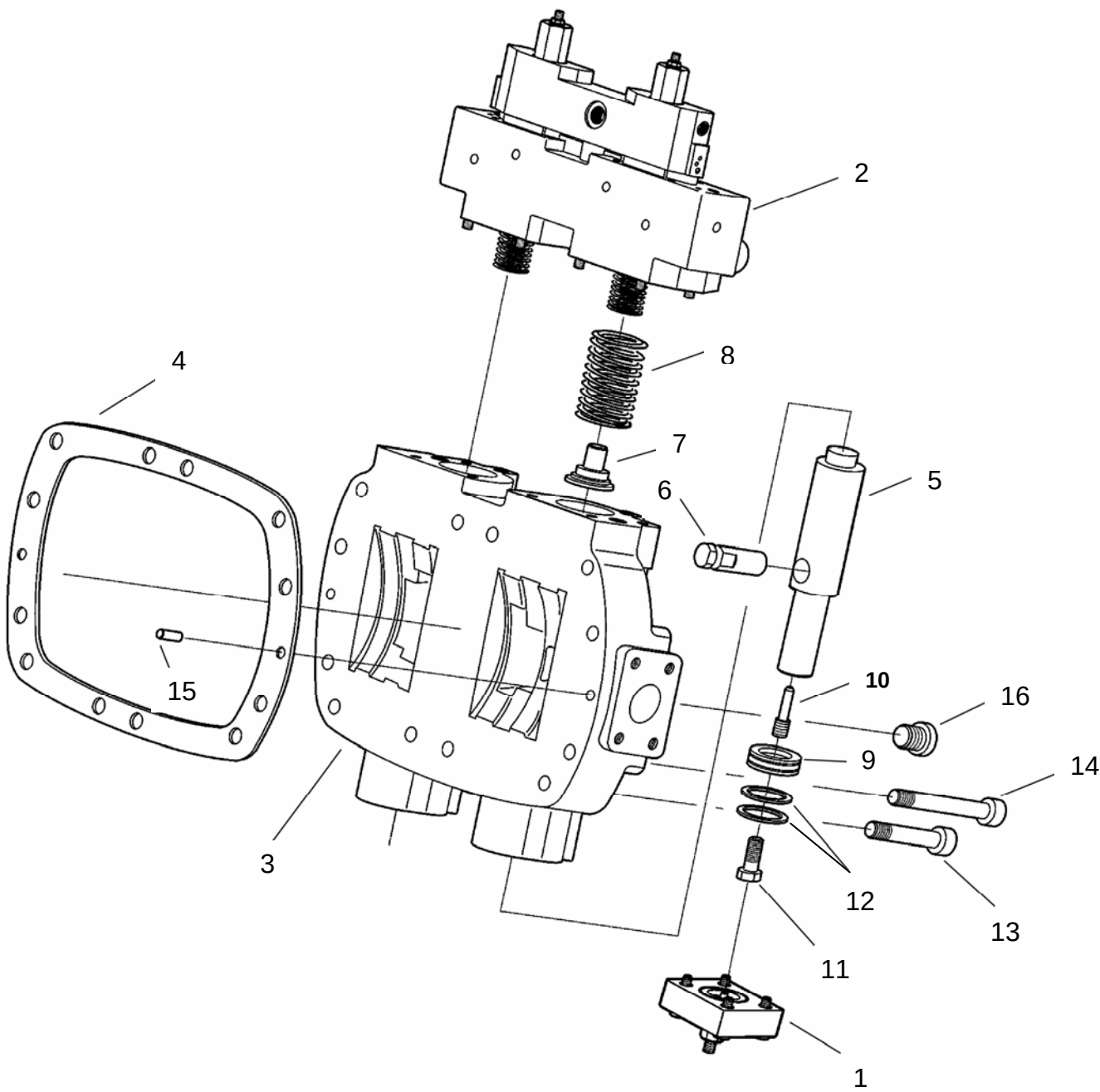
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91302	HYDRAULIC PUMP ASSY.	1	
	#156 PB 91871	.VARIABLE DOUBLE PUMP	1	
	#156 PB 91911	..ROTARY GROUP	1	
01	156 PB 92065	...ROTARY GROUP, HYDR.	1	
02	156 PB 92073	...DRIVE SHAFT	1	
03	156 PB 92081	...SHIM KIT	1	
	*	SHIM	1	
	*	SHIM	1	
	*	SHIM	1	
	*	SHIM	1	
	*	SHIM	1	
04	156 PB 92138	...CONTROL LENS, RIGHT	1	
05	156 PB 92146	...BACK-UP PLATE	1	
06	156 PB 92154	...RETAINING RING	1	
07	156 PB 92162	...TAPERED-ROLLER	1	
08	156 PB 92179	...TAPERED-ROLLER	1	
	156 PB 91928	..ROTARY GROUP	1	
09	156 PB 92065	...ROTARY GROUP, HYDR.	1	
10	156 PB 92519	...DRIVE SHAFT	1	
11	156 PB 92081	...SHIM KIT	1	
	*	SHIM	1	
	*	SHIM	1	
	*	SHIM	1	
	*	SHIM	1	
	*	SHIM	1	
12	156 PB 92787	...CONTROL LENS LFT HAND	1	
13	156 PB 92146	...BACK-UP PLATE	1	
14	156 PB 92154	...RETAINING RING	1	
15	156 PB 92162	...TAPERED ROLLER	1	
16	156 PB 92179	...TAPERED ROLLER	1	

FIG. 23 HYDRAULIC PUMP (4/10)



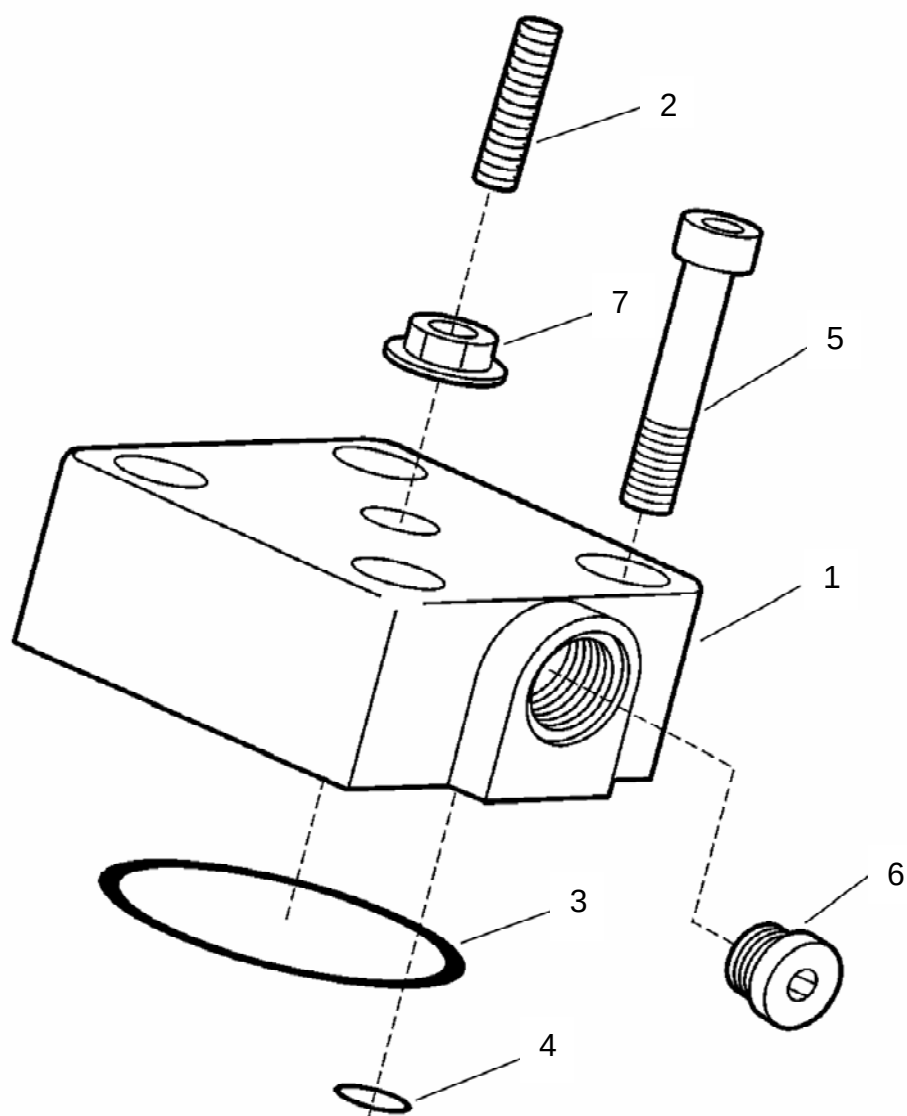
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91302	HYDRAULIC PUMP ASSY.	1	
	#156 PB 91871	.VARIABLE DOUBLE PUMP	1	
	#156 PB 91911	..ROTARY GROUP	1	
	#156 PB 92065	...ROTARY GROUP, HYDR.	2	
01	156 PB 92187	...CYLINDER	1	
02	156 PB 92195	...CENTER PIN	1	
	156 PB 92202	PISTON WITH PISTON	7	
03	156 PB 92965	STEEL SEALING RING	2	
04	156 PB 93053	PISTON	1	
05	156 PB 92219	SPRING COLLAR	1	
06	156 PB 92227	CUP SPRING	4	
07	156 PB 92235	RETAINING PLATE	1	
08	156 PB 92243	SCREW (COUNTERSUNK)	14	

FIG. 24 HYDRAULIC PUMP (5/10)



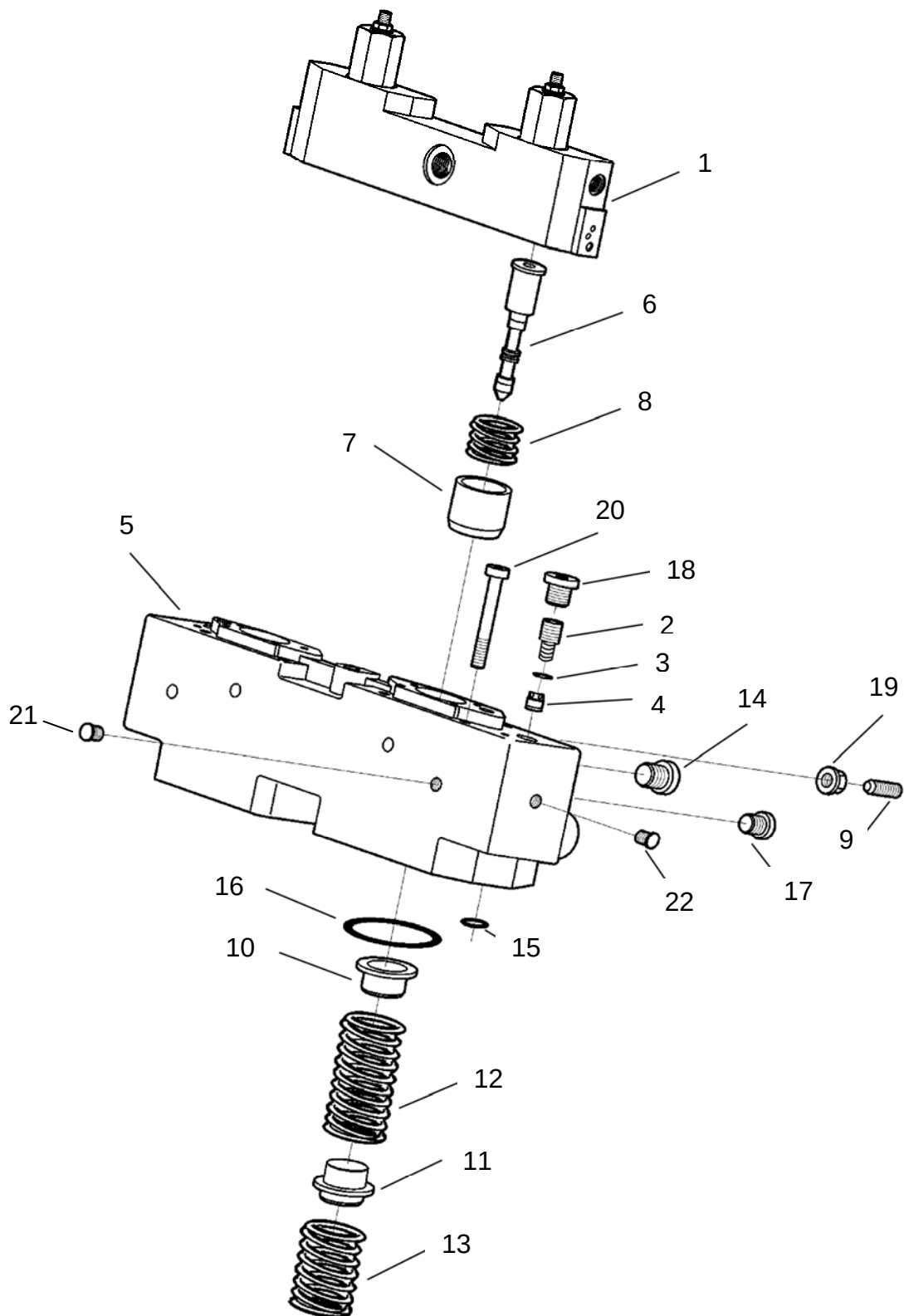
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91302	HYDRAULIC PUMP ASSY.	1	
	#156 PB 91888	.CONTROL	1	
01	156 PB 92365	..COVER	2	
02	156 PB 92373	..CONTROL MODULE	1	
03	156 PB 92381	..CONTROL HOUSING	1	
04	156 PB 92398	..GASKET	1	K6
05	156 PB 92405	..POSITIONING PISTON	2	
06	156 PB 92413	..POSITIONING TRUNNION	2	
07	156 PB 92421	..SPRING COLLAR	2	
08	156 PB 92438	..PRESSURE SPRING	2	
09	156 PB 92446	..PISTON	2	
10	156 PB 92454	..THREADED PIN	2	
11	156 PB 92462	..HEXAGON SCREW	2	
12	156 PB 92479	..STEEL SEALING RING	4	K6
13	156 PB 92487	..SOCKET-HEAD SCREW	8	
14	156 PB 92495	..SOCKET-HEAD SCREW	4	
15	156 PB 92502	..CYLINDER PIN	2	
16	156 PB 92024	..LOCKING SCREW	1	K6

FIG. 25 HYDRAULIC PUMP (6/10)



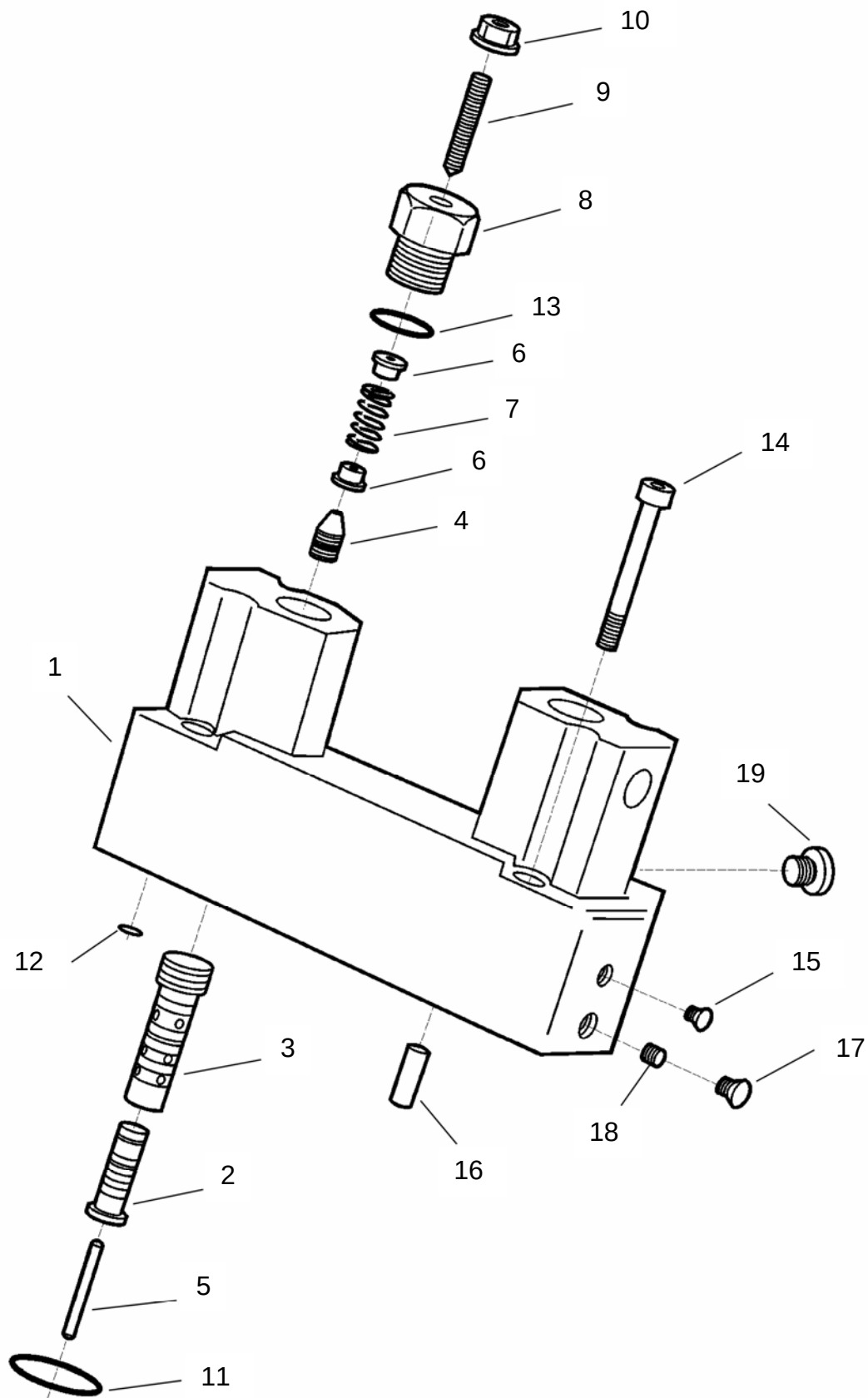
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91302	HYDRULIC PUMP ASSY.	1	
	#156 PB 91888	.CONTROL	1	
	#156 PB 92365	..COVER	2	
01	156 PB 92527	...COVER	1	
02	156 PB 92535	...THREADED PIN	1	
03	156 PB 92543	...O-RING	1	
04	156 PB 92551	...O-RING	1	
05	156 PB 91377	...SOCKET-HEAD SCREW	4	
06	156 PB 92576	...LOCKING SCREW	1	
07	156 PB 92584	...SEAL LOCK NUT	1	

FIG. 26 HYDRAULIC PUMP (7/10)



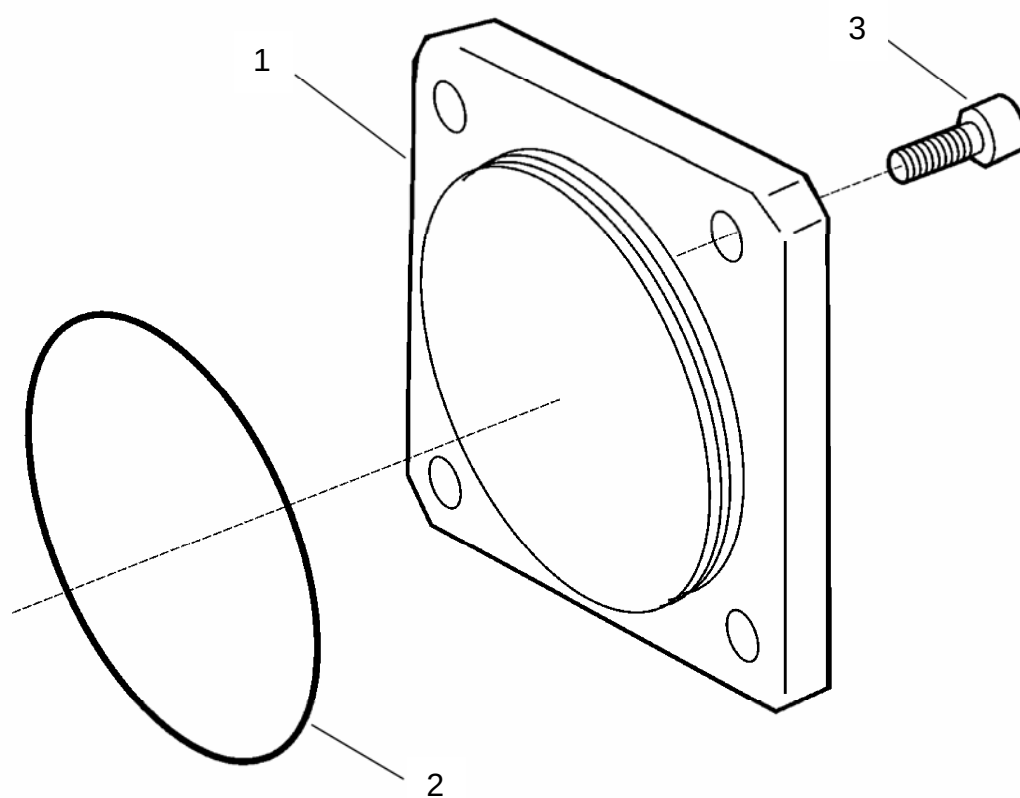
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	#156 HM 91302	HYDRAULIC PUMP ASSY.	1	
	#156 PB 91888	.CONTROL	1	
	#156 PB 92373	..CONTROL MODULE	1	
	156 PB 92673	...CONTROL MODULE	1	
	156 PB 92681	...SHUTTLE VALVE	2	
	156 PB 91571	VALVE SCREW	1	
	156 PB 91669	BALL	1	
	156 PB 91676	BUSH	1	
	156 PB 92698	...CONTROL HOUSING	1	
	156 PB 92705	...CONTROL PISTON	2	
	156 PB 92713	...SPRING BUSH	2	
	156 PB 92721	...PRESSURE SPRING	2	
	156 PB 92738	...THREADED PIN	2	
	156 PB 92746	...SPRING COLLAR	2	
	156 PB 92754	...SPRING COLLAR	2	
	156 PB 92762	...PRESSURE SPRING	2	
	156 PB 92779	...PRESSURE SPRING	2	
	156 PB 92024	...LOCKING SCREW	1 K6	
	156 PB 92795	...O-RING	4 K6	
	156 PB 92802	...O-RING	2 K6	
	156 PB 92016	...LOCKING SCREW	2 K6	
	156 PB 92016	...LOCKING SCREW	2 K6	
	156 PB 92835	...SEAL LOCK NUT	2	
	156 PB 92843	...SOCKET-HEAD SCREW	6	
	156 PB 92851	...DOUBLE BREAK-OFF PIN	4	
	156 PB 92868	...DOUBLE BREAK-OFF PIN	1	

FIG. 27 HYDRAULIC PUMP (8/10)



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91302	HYDRAULIC PUMP ASSY.	1	
	#156 PB 91888	.CONTROL	1	
	#156 PB 92373	..CONTROL MODULE	1	
	#156 PB 92673	...CONTROL MODULE	1	
01	156 PB 92876	CONTROL HOUSING	1	
02	156 PB 92884	CONTROL PISTON	2	
03	156 PB 92892	CONTROL BUSH	2	
04	156 PB 92908	POSITIONING PISTON	2	
05	156 PB 92916	PIN	2	
06	156 PB 92924	SPRING COLLAR	4	
07	156 PB 92932	PRESSURE SPRING	2	
08	156 PB 92949	LOCKING SCREW	2	
09	156 PB 92957	THREADED PIN	2	
10	156 PB 92835	SEAL LOCK NUT	2	
11	156 PB 92973	O-RING	2	K6
12	156 PB 92795	O-RING	2	K6
13	156 PB 92998	O-RING	2	K6
14	156 PB 93004	SOCKET-HEAD SCREW	6	
15	156 PB 92868	DOUBLE BREAK-OFF PIN	5	
16	156 PB 93029	CYLINDER PIN	2	
17	156 PB 92851	DOUBLE BREAK-OFF PIN	1	
18	156 PB 93045	PLUG	1	
19	156 PB 92024	LOCKING SCREW	1	K6

FIG. 28 HYDRAULIC PUMP (9/10)

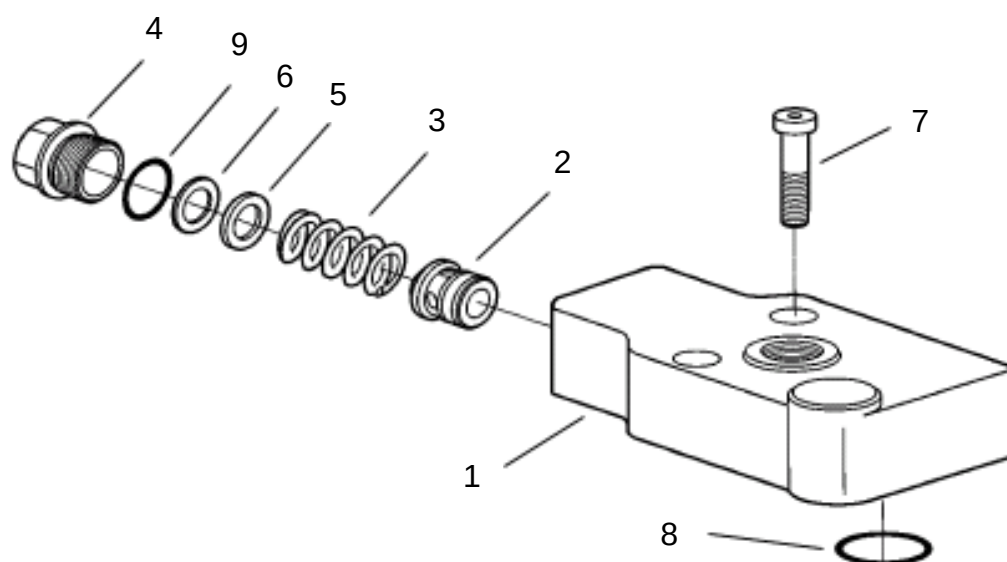


HYDRAULIC PUMP (9/10)

FIG NO.28

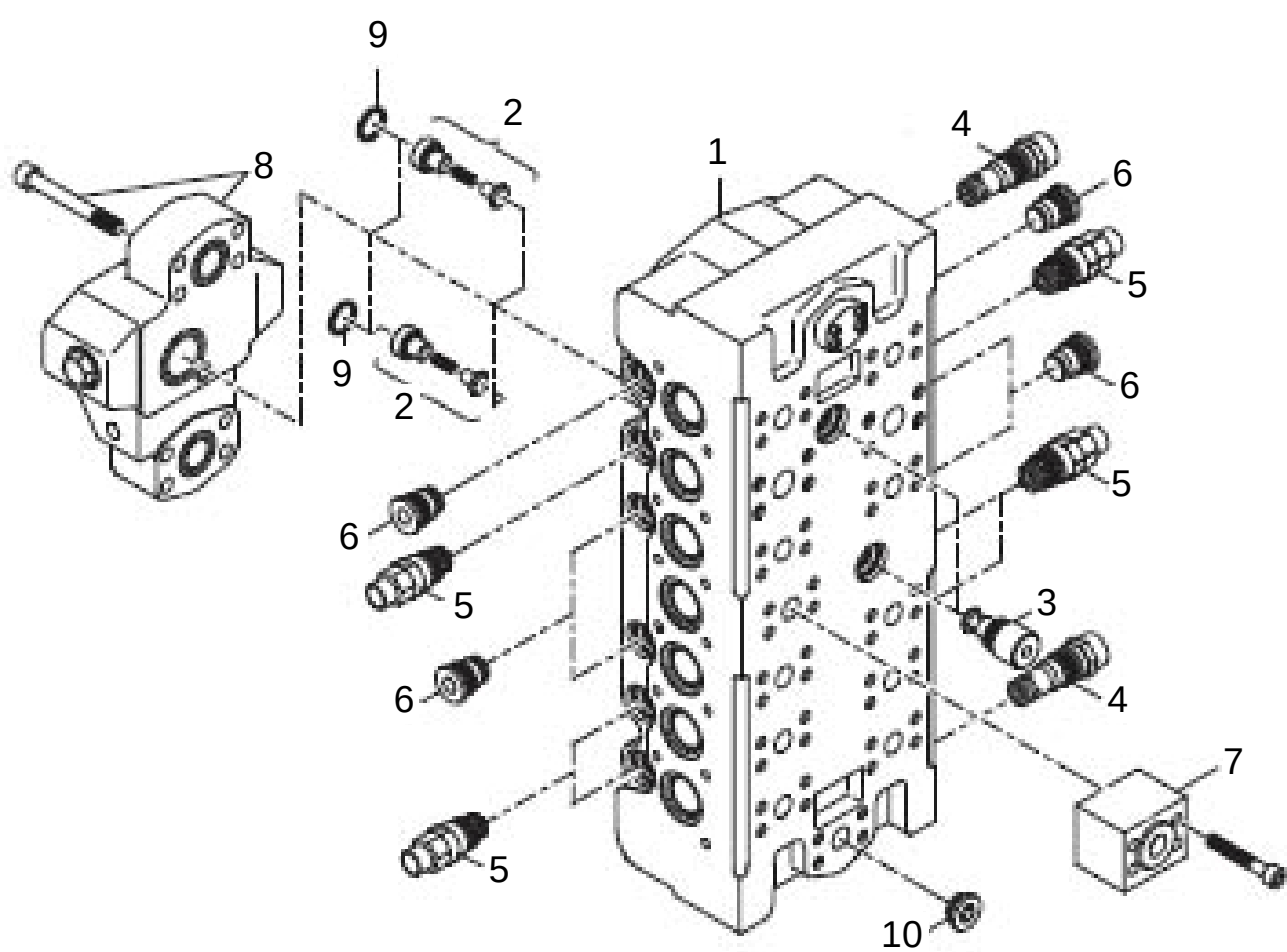
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91302	HYDRAULIC PUMP ASSY.	1	
	#156 PB 91896	. COVER	1	
01	156 PB 93061	.. COVER	1	
02	156 PB 93078	.. O-RING	1	K6
03	156 PB 93086	.. SOCKET-HEAD SCREW	4	

FIG. 29 HYDRAULIC PUMP (10/10)



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91302	HYDRAULIC PUMP ASSY.	1	
	#156 PB 91903	.PORT PLATE WITH VALVE	1	
01	156 PB 93094	..PORT PLATE	1	
02	156 PB 93101	..VALVE PISTON	1	
03	156 PB 93118	..PRESSURE SPRING	1	
04	156 PB 93126	..LOCKING SCREW	1	
05	156 PB 93134	..SHIM	1	
06	156 PB 93142	..WASHER	1	
06	156 PB 93159	..SOCKET-HEAD SCREW	2	
07	156 PB 93167	..O-RING	2	
08	156 PB 93175	..O-RING	1	

FIG. 30 CONTROL VALVE (1/5)

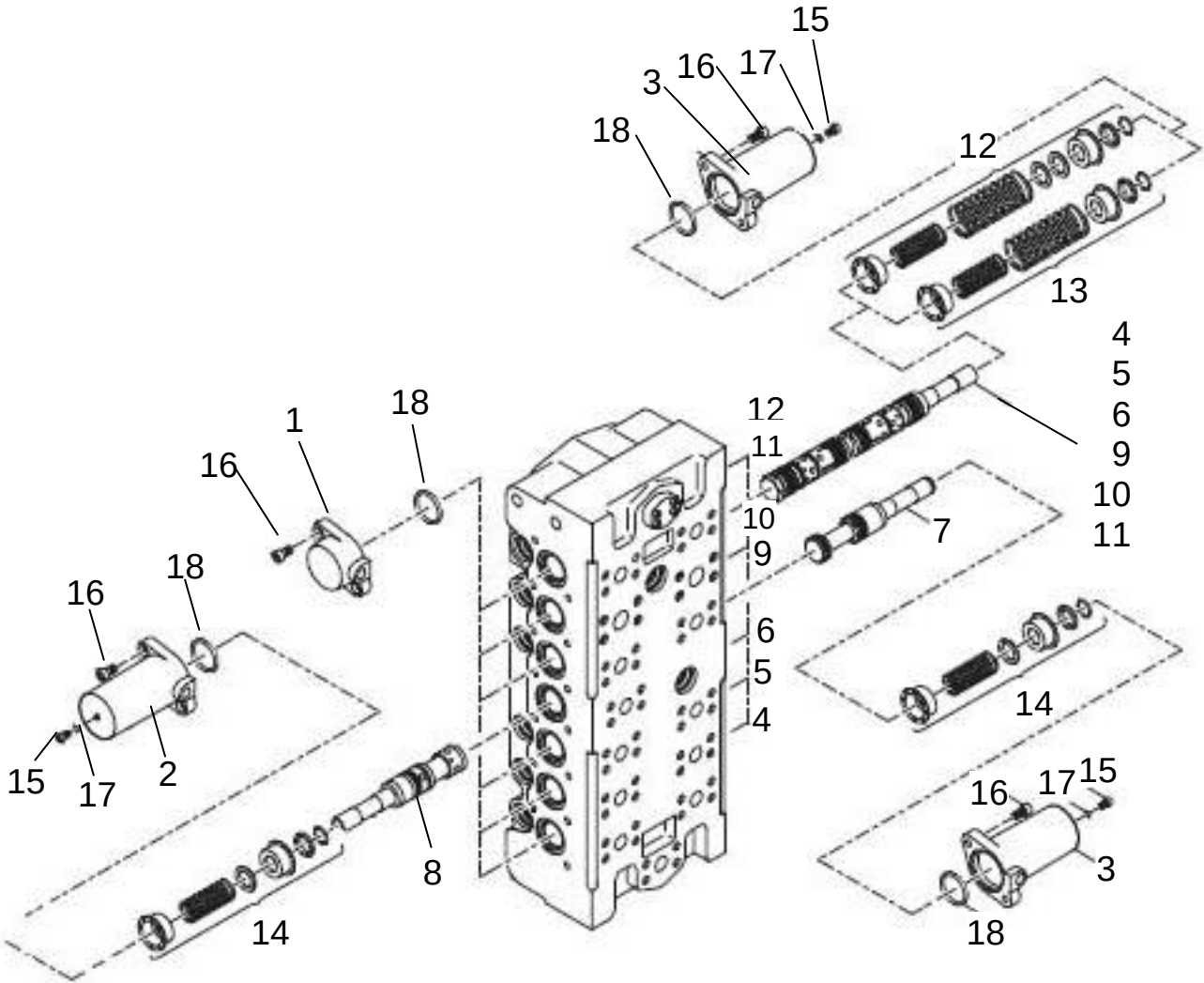


CONTROL VALVE (1/5)

FIG NO.30

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	156 PB 95038	. . SEAL KIT	1	
	156 HM 91335	CONTROL VALVE	1	
01	*	. HOUSING	1	
02	156 PB 94203	. LOAD HOLDING VALVE	2	
03	156 PB 94211	. LOAD HOLDING VALVE	2	
04	156 PB 93653	. PRESSURE RELIEF VALVE	2	
05	156 PB 94941	. COMBINED RELIEF/ANTI	6	
06	156 PB 94966	. PLUG SCREW	6	
07	156 PB 94982	. CHECK VALVE	1	
08	156 PB 93767	. STRAIGHT AHEAD TRAVEL	1	
09	156 PB 95046	. RETAINING RING	2	
10	156 PB 94617	. LOCKING SCREW	1	

FIG. 31 CONTROL VALVE (2/5)

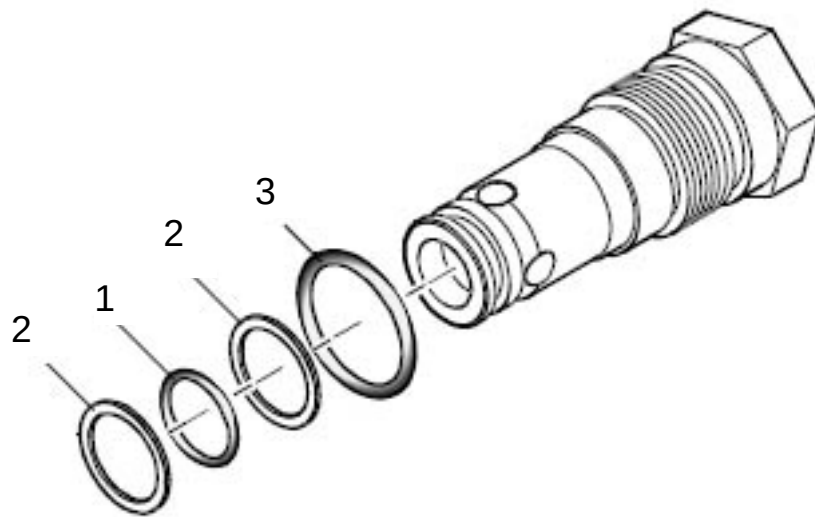


CONTROL VALVE (2/5)

FIG NO.31

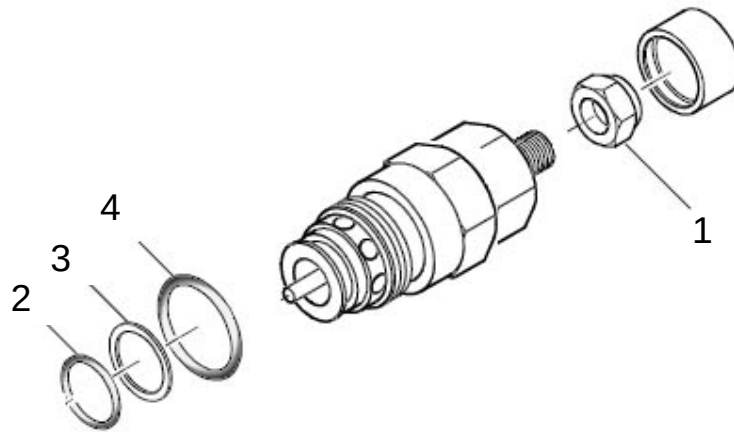
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91335	CONTROL VALVE	1	
01	156 PB 95054	. COVER	6	
02	156 PB 95062	. COVER	1	
03	156 PB 95079	. COVER	7	
04	156 PB 95087	. SP00L	1	
05	156 PB 95095	. SP00L	1	
06	156 PB 95102	. SP00L	1	
07	156 PB 95119	. SP00L	1	
08	156 PB 95127	. SP00L	1	
09	156 PB 95102	. SP00L	1	
10	156 PB 95135	. SP00L	1	
11	156 PB 95143	. SP00L	1	
12	156 PB 95151	. SPRING	1	
13	156 PB 95168	. SPRING	1	
14	156 PB 95176	. SPRING	2	
15	156 PB 94285	. BLEED SCREW	8	
16	156 PB 94277	. SHCS	28	
	156 PB 94999	. SEAL KIT	7	
17	*	.. SEALING RING	2	
18	*	.. O RING	2	

FIG. 32 CONTROL VALVE (3/5)



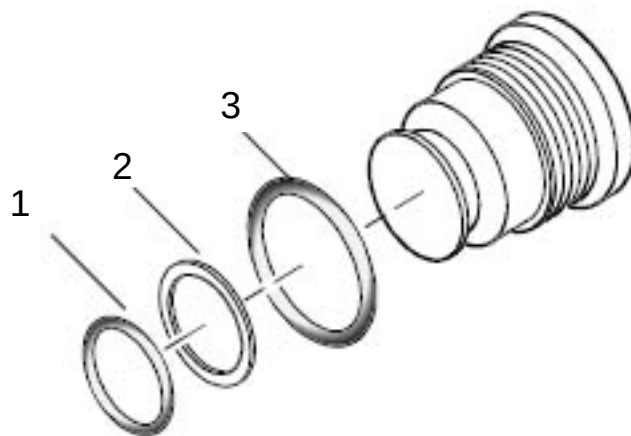
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01 02 03	#156 HM 91335	CONTROL VALVE	1	
	#156 PB 93653	.PRESSURE RELIEF VALVE	2	
	156 PB 94933	..SEAL KIT	1	
	*	...O RING	1	
	*	...THRUST RING	2	
	*	...O RING	1	

FIG. 33 CONTROL VALVE (4/5)



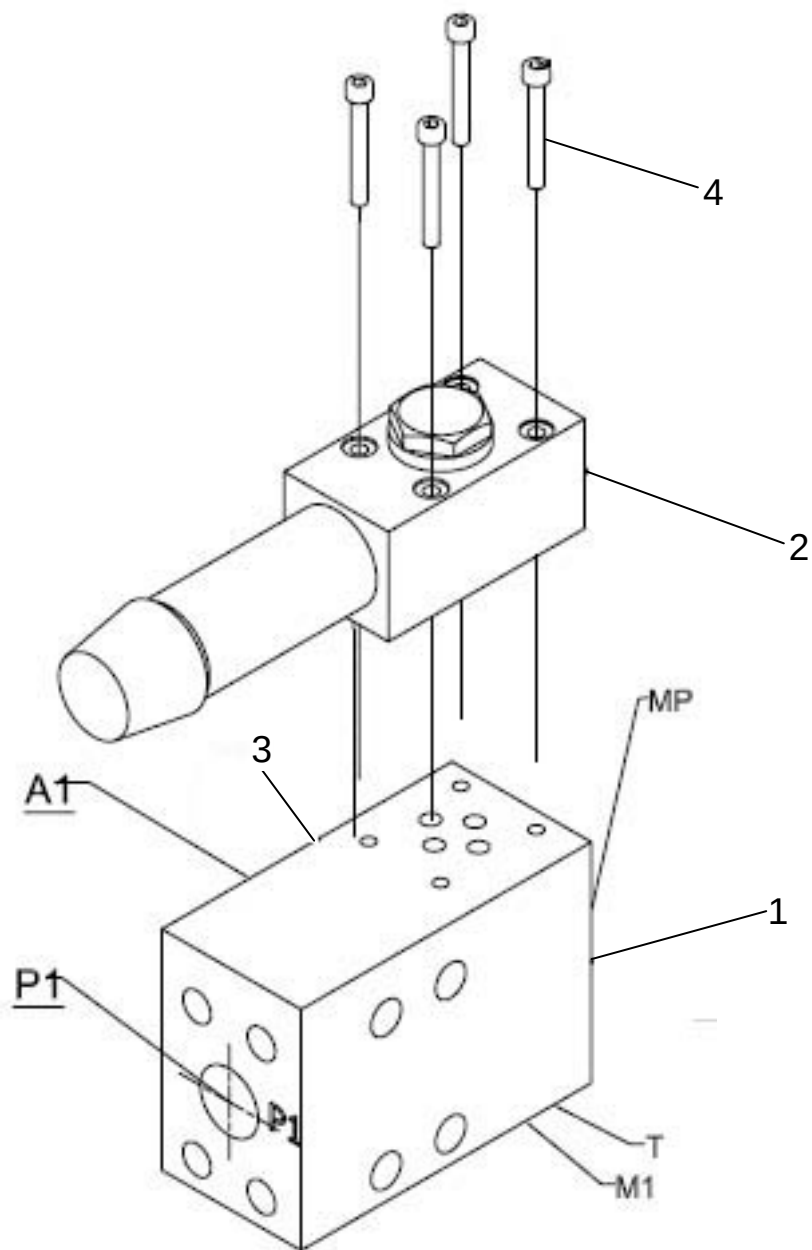
ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91335	CONTROL VALVE	1	
	#156 PB 94941	.COMBINED RELIEF/ANTI	6	
	156 PB 94958	..SEAL KIT	1	
01	*	...SEAL LOCK NUT	1	
02	*	...O RING	1	
03	*	...THRUST RING	1	
04	*	...O RING	1	

FIG. 34 CONTROL VALVE (5/5)



ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
	#156 HM 91335	CONTROL VALVE	1	
	#156 PB 91199	. PLUG SCREW	6	
	156 PB 94974	.. SEAL KIT	1	
01	*	... O RING	1	
02	*	... THRUST RING	1	
03	*	... O RING	1	

FIG. 35 BLOCK LH

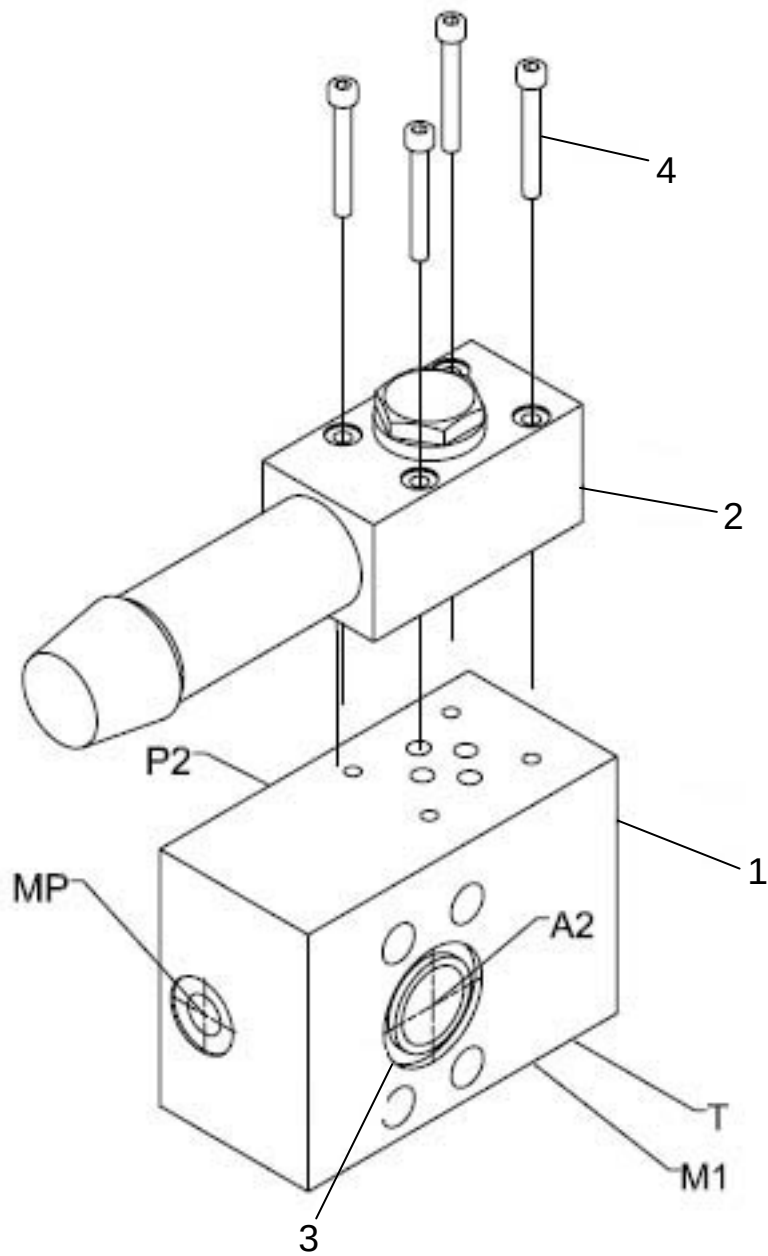


BLOCK LH

FIG NO.35

[illegible]

FIG. 36 BLOCK RH

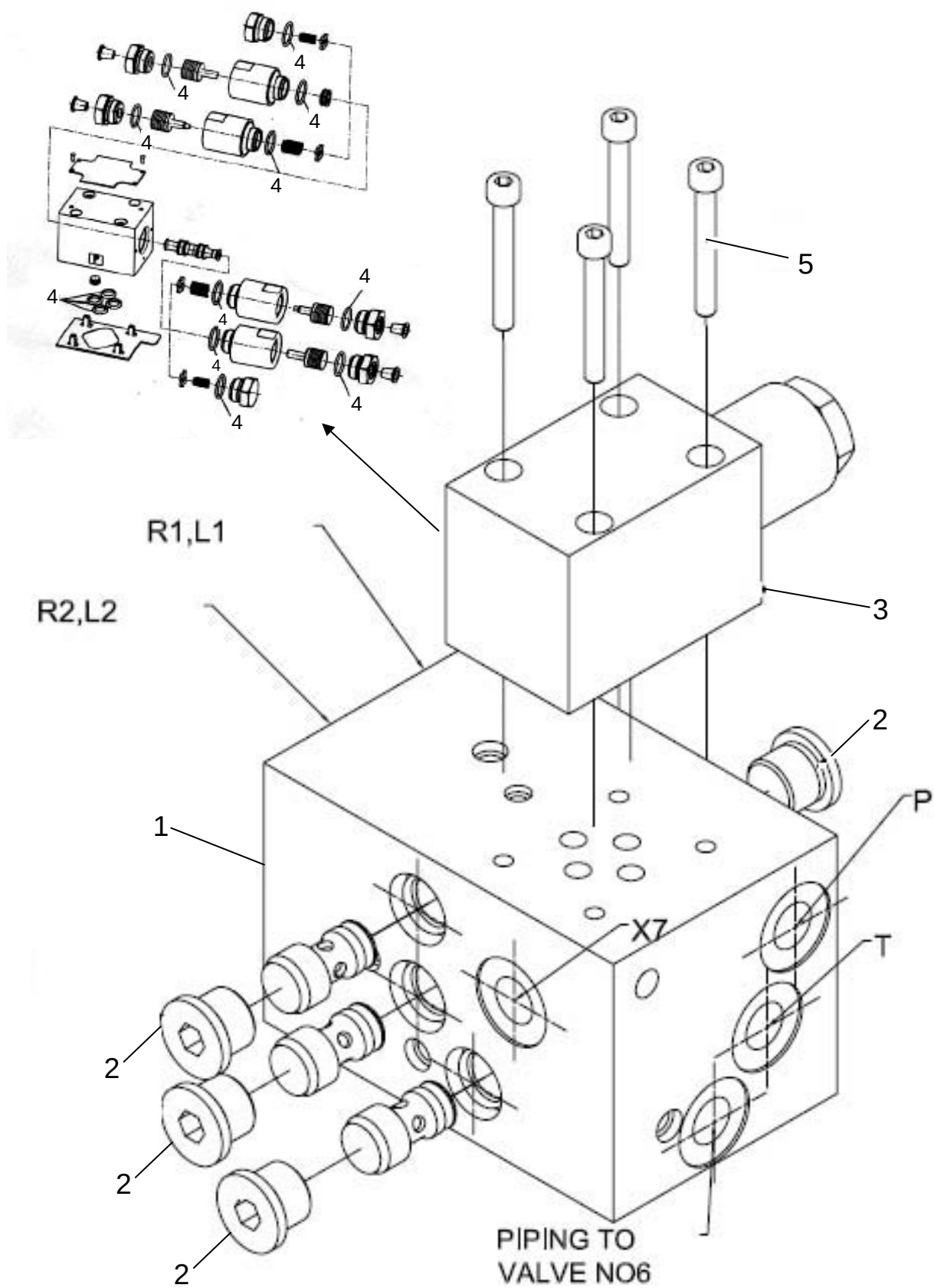


BLOCK RH

FIG NO.36

[illegible]

FIG. 37 TRAVEL SHUTTLE MANIFOLD BLOCK

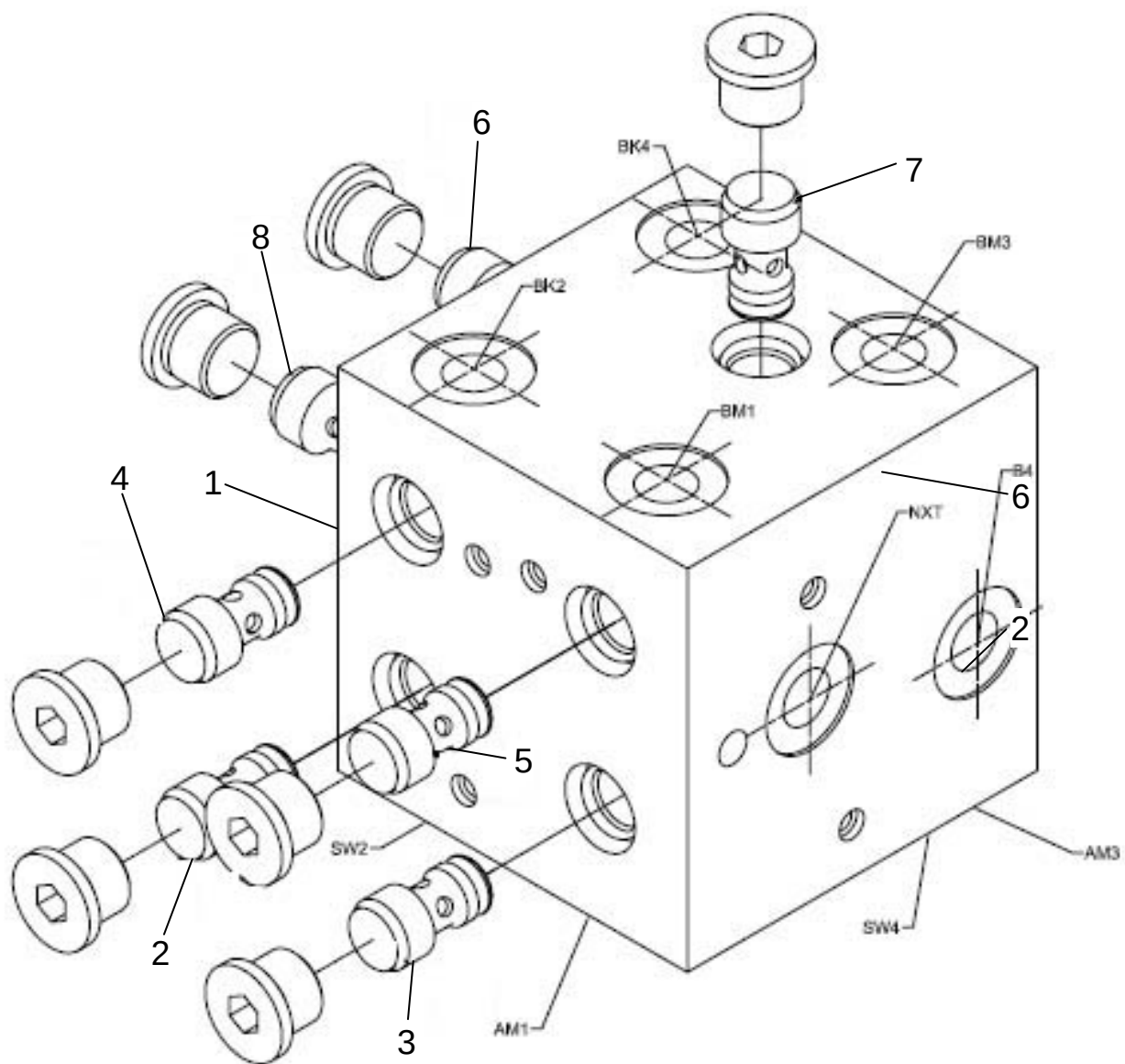


TRAVEL SHUTTLE MANIFOLD BLOCK

FIG NO.37

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 PM 91269	T.SH.MANIFOLD BLOCK	1	
02	156 PB 95362	.MANIFOLD BLOCK SPL.	1	
03	156 PB 95379	.SHUTTLE VALVE	4	
04	156 PB 95435	.D C VALVE	1	
05	156 PB 95021	..SEAL KIT	1	
	156 PB 95354	.BOLT	4	

FIG. 38 IMPLEMENT SHUTTLE MANIFOLD BLOCK ASSY.

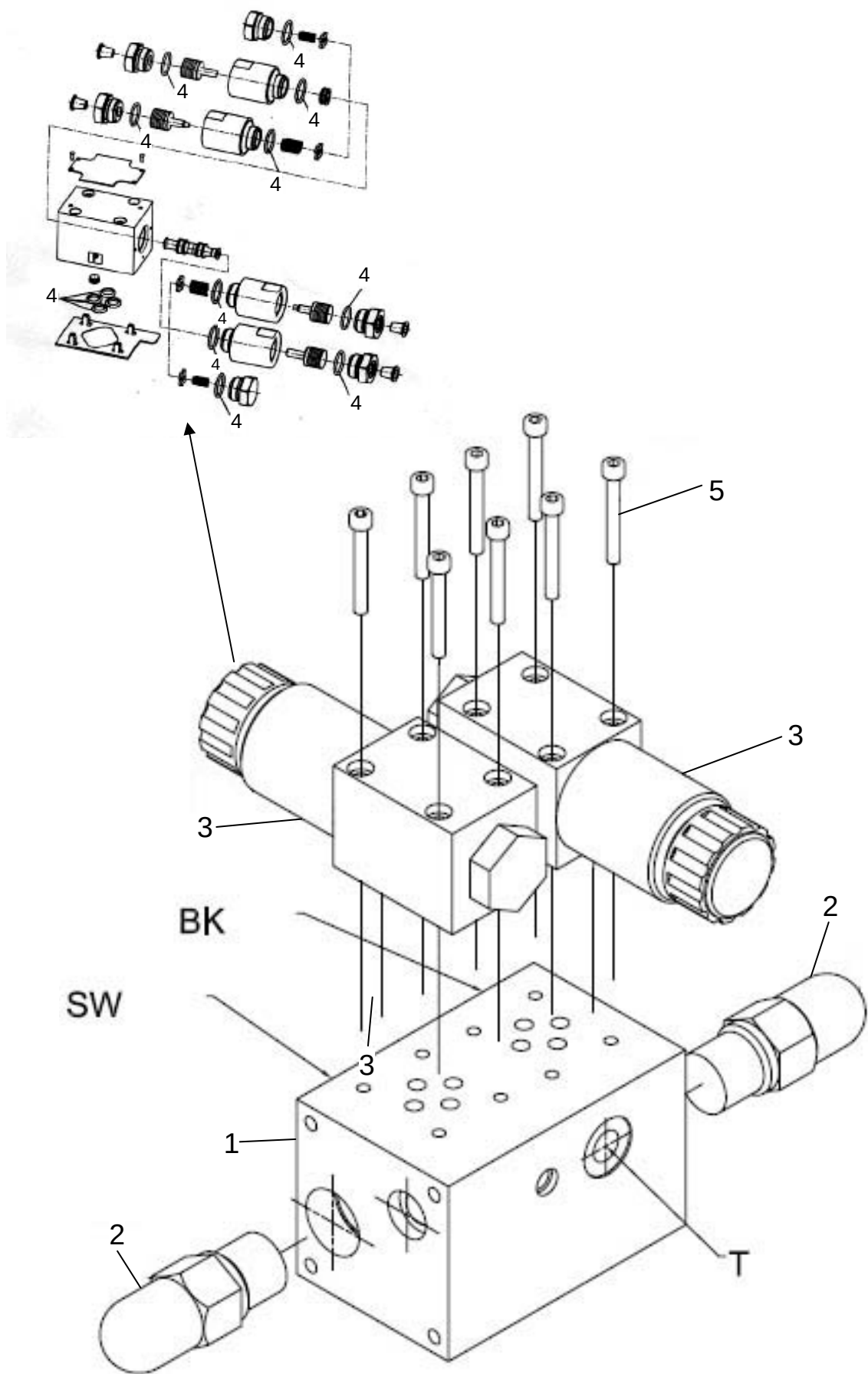


IMPLEMENT SHUTTLE MANIFOLD BLOCK ASSY.

FIG NO.38

[illegible]

FIG. 39 MANIFOLD BLOCK ASSY. FOR COMBINED OPERATION



MANIFOLD BLOCK ASSY. FOR COMBINED OPERATION
FIG NO.39

ITEM	PART NUMBER	NAME OF PART	QTY	REMARKS
01	156 ZZ 11609	M. BLOCK. ASSY. FOR	1	
02	156 PB 95419	.MANIFOLD BLOCK	1	
03	156 PB 95427	.PRESSURE RELIEF VALVE	2	
04	156 ZZ 11552	.SEQUENCE VALVE	2	
05	156 PB 95021	. . SEAL KIT	1	
	156 PB 95354	. BOLT	8	

FIG. 40 STACK ASSY. MODE SELECTION

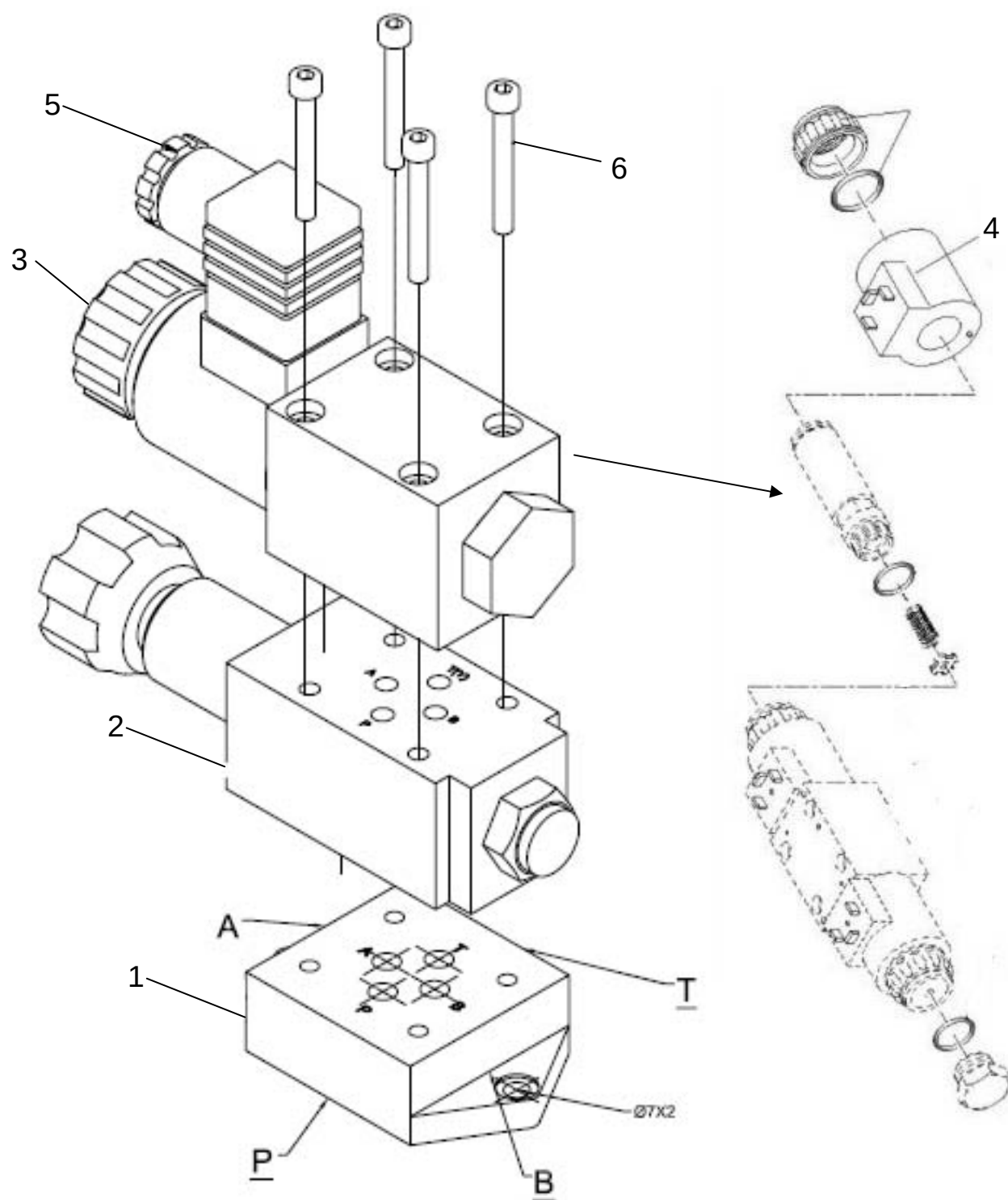


FIG NO.40

BE220

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INDEX

PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.
*	10	01	*	22		156 PB 91003	3	
*	10	02	*	22		156 PB 91003	4	
*	10	03	*	22		156 PB 91011	1	02
*	10	04	*	22		156 PB 91011	14	02
*	13	02	*	22		156 PB 91028	1	03
*	13	03	*	22		156 PB 91028	5	
*	13	04	*	22		156 PB 91036	1	04
*	13	05	*	22		156 PB 91036	14	04
*	13	06	*	30	01	156 PB 91044	11	
*	13	09	*	31	17	156 PB 91052	2	01
*	13	10	*	31	18	156 PB 91052	3	
*	13	11	*	32	01	156 PB 91069	2	02
*	13	12	*	32	02	156 PB 91069	4	
*	13	13	*	32	03	156 PB 91069	15	02
*	13	14	*	33	01	156 PB 91069	17	
*	13	15	*	33	02	156 PB 91077	2	03
*	13	18	*	33	03	156 PB 91077	15	03
*	16		*	33	04	156 PB 91085	2	04
*	16		*	34	01	156 PB 91085	15	04
*	16		*	34	02	156 PB 91093	2	05
*	16		*	34	03	156 PB 91093	11	01
*	16		156 HM 91302	20		156 PB 91093	15	05
*	16		156 HM 91302	21		156 PB 91109	2	06
*	19	01	156 HM 91302	22		156 PB 91109	11	02
*	19	02	156 HM 91302	23		156 PB 91109	15	06
*	19	03	156 HM 91302	24		156 PB 91117	2	07
*	19	04	156 HM 91302	25		156 PB 91117	15	07
*	19		156 HM 91302	26		156 PB 91125	2	08
*	19	05	156 HM 91302	27		156 PB 91125	15	08
*	19	06	156 HM 91302	28		156 PB 91133	3	01
*	19	07	156 HM 91302	29		156 PB 91141	3	02
*	19	08	156 HM 91319	14		156 PB 91141	16	02
*	19	09	156 HM 91319	15		156 PB 91158	3	03
*	19	10	156 HM 91319	16		156 PB 91158	16	03
*	19	13	156 HM 91319	17		156 PB 91166	3	
*	19	14	156 HM 91319	18		156 PB 91166	16	
*	19	15	156 HM 91327	1		156 PB 91174	3	06
*	19	16	156 HM 91327	2		156 PB 91174	16	06
*	19	17	156 HM 91327	3		156 PB 91182	3	07
*	19	18	156 HM 91327	4		156 PB 91182	16	07
*	19	19	156 HM 91327	5		156 PB 91199	34	
*	19	20	156 HM 91327	6		156 PB 91214	35	01
*	19	21	156 HM 91327	7		156 PB 91247	3	08
*	19	22	156 HM 91327	8		156 PB 91247	16	08
*	19	23	156 HM 91327	9		156 PB 91255	3	09
*	19	24	156 HM 91327	10		156 PB 91255	16	09
*	19	25	156 HM 91327	11		156 PB 91263	3	10
*	19	26	156 HM 91327	12		156 PB 91263	16	10
*	22		156 PB 91003	1	01	156 PB 91271	3	04
*	22		156 PB 91003	2		156 PB 91271	16	04

PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.
156 PB 91288	3	05	156 PB 91547	6	12	156 PB 92016	21	11
156 PB 91288	16	05	156 PB 91547	12	04	156 PB 92016	26	17
156 PB 91296	4	01	156 PB 91563	6	14	156 PB 92016	26	18
156 PB 91296	17	01	156 PB 91571	26	02	156 PB 92024	21	12
156 PB 91303	4	02	156 PB 91588	7	01	156 PB 92024	24	16
156 PB 91303	17	02	156 PB 91596	7	02	156 PB 92024	26	14
156 PB 91311	4	03	156 PB 91603	7	03	156 PB 92024	27	19
156 PB 91311	17	03	156 PB 91611	7	04	156 PB 92032	21	13
156 PB 91311	22	05	156 PB 91628	7	05	156 PB 92032	21	15
156 PB 91311	22	13	156 PB 91636	7	06	156 PB 92049	21	14
156 PB 91328	4	04	156 PB 91644	7	07	156 PB 92065	22	01
156 PB 91328	17	04	156 PB 91644	12	05	156 PB 92065	22	09
156 PB 91328	22	06	156 PB 91652	6	15	156 PB 92065	23	
156 PB 91328	22	14	156 PB 91669	6	16	156 PB 92073	22	02
156 PB 91336	4	05	156 PB 91669	26	03	156 PB 92081	22	03
156 PB 91336	17	05	156 PB 91676	6	17	156 PB 92081	22	11
156 PB 91344	4	06	156 PB 91676	26	04	156 PB 92138	22	04
156 PB 91344	17	06	156 PB 91685	8	01	156 PB 92162	22	07
156 PB 91352	5	01	156 PB 91693	8	02	156 PB 92162	22	15
156 PB 91369	5	02	156 PB 91709	8	03	156 PB 92179	22	08
156 PB 91369	18	02	156 PB 91711	8	04	156 PB 92179	22	16
156 PB 91377	5	03	156 PB 91725	8	05	156 PB 92187	23	01
156 PB 91377	18	03	156 PB 91733	8	06	156 PB 92195	23	02
156 PB 91377	25	05	156 PB 91741	8	07	156 PB 92202	23	
156 PB 91385	5	04	156 PB 91871	20	01	156 PB 92219	23	05
156 PB 91385	18	04	156 PB 91871	21		156 PB 92227	23	06
156 PB 91393	5	05	156 PB 91871	22		156 PB 92235	23	07
156 PB 91393	6	13	156 PB 91871	23		156 PB 92243	23	08
156 PB 91393	18	05	156 PB 91888	20	02	156 PB 92365	24	01
156 PB 91409	5	06	156 PB 91888	24		156 PB 92365	25	
156 PB 91409	11	03	156 PB 91888	25		156 PB 92373	24	02
156 PB 91409	18	06	156 PB 91888	26		156 PB 92373	26	
156 PB 91417	5	07	156 PB 91888	27		156 PB 92373	27	
156 PB 91417	6	08	156 PB 91896	20	03	156 PB 92381	24	03
156 PB 91425	5	08	156 PB 91896	28		156 PB 92398	24	04
156 PB 91425	6	02	156 PB 91903	20	04	156 PB 92405	24	05
156 PB 91425	18	09	156 PB 91903	29		156 PB 92413	24	06
156 PB 91433	6	01	156 PB 91911	21	01	156 PB 92421	24	07
156 PB 91433	7		156 PB 91911	22		156 PB 92438	24	08
156 PB 91441	6		156 PB 91911	23		156 PB 92446	24	09
156 PB 91458	6	03	156 PB 91928	21	02	156 PB 92454	24	10
156 PB 91458	8		156 PB 91928	22		156 PB 92462	24	11
156 PB 91466	6	05	156 PB 91936	21	03	156 PB 92479	24	12
156 PB 91474	6	06	156 PB 91944	21	04	156 PB 92487	24	13
156 PB 91482	6	07	156 PB 91952	21	05	156 PB 92495	24	14
156 PB 91514	6	09	156 PB 91969	21	06	156 PB 92502	24	15
156 PB 91522	6	10	156 PB 91977	21	07	156 PB 92519	22	10
156 PB 91522	12	01	156 PB 91985	21	08	156 PB 92527	25	01
156 PB 91539	6	11	156 PB 91993	21	09	156 PB 92535	25	02
156 PB 91539	12	03	156 PB 92008	21	10	156 PB 92543	25	03

PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.
156 PB 92551	25	04	156 PB 93142	29	06	156 PB 94747	12	
156 PB 92576	25	06	156 PB 93159	29	06	156 PB 94755	9	01
156 PB 92584	25	07	156 PB 93167	29	07	156 PB 94763	9	02
156 PB 92673	26	01	156 PB 93175	29	08	156 PB 94771	9	03
156 PB 92673	27		156 PB 93183	1	05	156 PB 94788	9	04
156 PB 92681	26		156 PB 93183	10		156 PB 94796	9	05
156 PB 92698	26	05	156 PB 93191	1	06	156 PB 94796	12	06
156 PB 92705	26	06	156 PB 93191	6		156 PB 94803	9	06
156 PB 92713	26	07	156 PB 93191	7		156 PB 94917	13	
156 PB 92721	26	08	156 PB 93191	8		156 PB 94925	40	04
156 PB 92738	26	09	156 PB 93191	9		156 PB 94933	32	
156 PB 92746	26	10	156 PB 93191	12		156 PB 94941	30	05
156 PB 92754	26	11	156 PB 93215	14	05	156 PB 94941	33	
156 PB 92762	26	12	156 PB 93223	14	01	156 PB 94958	33	
156 PB 92779	26	13	156 PB 93223	15		156 PB 94966	30	06
156 PB 92787	22	12	156 PB 93223	16		156 PB 94974	34	
156 PB 92795	26	15	156 PB 93223	17		156 PB 94982	30	07
156 PB 92795	27	12	156 PB 93231	14		156 PB 94999	31	
156 PB 92802	26	16	156 PB 93231	15		156 PB 95005	19	
156 PB 92835	26	19	156 PB 93231	16		156 PB 95013	19	
156 PB 92835	27	10	156 PB 93231	17		156 PB 95021	37	04
156 PB 92843	26	20	156 PB 93231	18		156 PB 95021	39	04
156 PB 92851	26	21	156 PB 93248	14	03	156 PB 95038	30	
156 PB 92851	27	17	156 PB 93248	18		156 PB 95046	30	09
156 PB 92868	26	22	156 PB 93264	14		156 PB 95054	31	01
156 PB 92868	27	15	156 PB 93272	15	01	156 PB 95062	31	02
156 PB 92876	27	01	156 PB 93272	16		156 PB 95079	31	03
156 PB 92884	27	02	156 PB 93289	10		156 PB 95087	31	04
156 PB 92892	27	03	156 PB 93353	16	01	156 PB 95095	31	05
156 PB 92908	27	04	156 PB 93548	18	01	156 PB 95102	31	06
156 PB 92916	27	05	156 PB 93597	18	07	156 PB 95102	31	09
156 PB 92924	27	06	156 PB 93604	18	08	156 PB 95119	31	07
156 PB 92932	27	07	156 PB 93653	30	04	156 PB 95127	31	08
156 PB 92949	27	08	156 PB 93653	32		156 PB 95135	31	10
156 PB 92957	27	09	156 PB 93767	30	08	156 PB 95143	31	11
156 PB 92965	23	03	156 PB 93912	1		156 PB 95151	31	12
156 PB 92973	27	11	156 PB 93912	2		156 PB 95168	31	13
156 PB 92998	27	13	156 PB 93912	3		156 PB 95176	31	14
156 PB 93004	27	14	156 PB 93912	4		156 PB 95208	19	
156 PB 93029	27	16	156 PB 93912	5		156 PB 95224	19	11
156 PB 93045	27	18	156 PB 94203	30	02	156 PB 95232	19	12
156 PB 93053	23	04	156 PB 94211	30	03	156 PB 95257	13	01
156 PB 93061	28	01	156 PB 94277	31	16	156 PB 95265	13	
156 PB 93078	28	02	156 PB 94285	31	15	156 PB 95273	13	07
156 PB 93086	28	03	156 PB 94617	30	10	156 PB 95281	13	08
156 PB 93094	29	01	156 PB 94706	10	05	156 PB 95298	13	16
156 PB 93101	29	02	156 PB 94714	2		156 PB 95305	13	17
156 PB 93118	29	03	156 PB 94722	5		156 PB 95313	35	03
156 PB 93126	29	04	156 PB 94739	6	04	156 PB 95321	35	04
156 PB 93134	29	05	156 PB 94739	9		156 PB 95338	36	01

PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.	PART NUMBER	F/NO.	I/NO.
156 PB 95346	36	03	156 PB 95476	40	06	156 PM 91252	40	
156 PB 95354	36	04	156 PB 95484	11	04	156 PM 91269	37	
156 PB 95354	37	05	156 PB 95484	20		156 PM 91277	38	
156 PB 95354	39	05	156 PB 95492	11	05	156 PM 91285	19	
156 PB 95362	37	01	156 PB 95508	11	06	156 PM 91293	19	
156 PB 95379	37	02	156 PB 95516	11	07	156 PM 91309	13	
156 PB 95395	38	01	156 PB 95524	6		156 PM 91335	30	
156 PB 95402	38	02	156 PB 95532	12	02	156 PM 91335	31	
156 PB 95419	39	01	156 PB 95549	12	07	156 PM 91335	32	
156 PB 95427	39	02	156 PB 95557	12	08	156 PM 91335	33	
156 PB 95435	37	03	156 PM 91171	35		156 PM 91335	34	
156 PB 95443	40	02	156 PM 91188	36		156 ZZ 11552	39	03
156 PB 95451	40	03	156 PM 91196	35	02	156 ZZ 11569	40	01
156 PB 95468	40	05	156 PM 91196	36	02	156 ZZ 11609	39	