

REN451PC092008-05



BG605 MOTOR GRADER PARTS CATALOGUE BEML LIMITED INDIA



PARTS CATALOGUE

BG605 MOTOR GRADER

EQPT SL.NO. 6495 & UP

BEML LIMITED
INDIA

FOREWORD

This Part Catalogue is applicable for BG605 Model Motor Grader
Effective from Serial Number 6434 and onwards unless
Specified otherwise.

For Engine Parts refer to the applicable Parts catalogue.

While ordering for the Parts, always furnish equipment's Serial
Number and the correct Part Number.

- * Indicates Parts are not Supplied Individually.
- * Indicates Parts are Supplied as an Assembly only.

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11. Pusher	146	326~327
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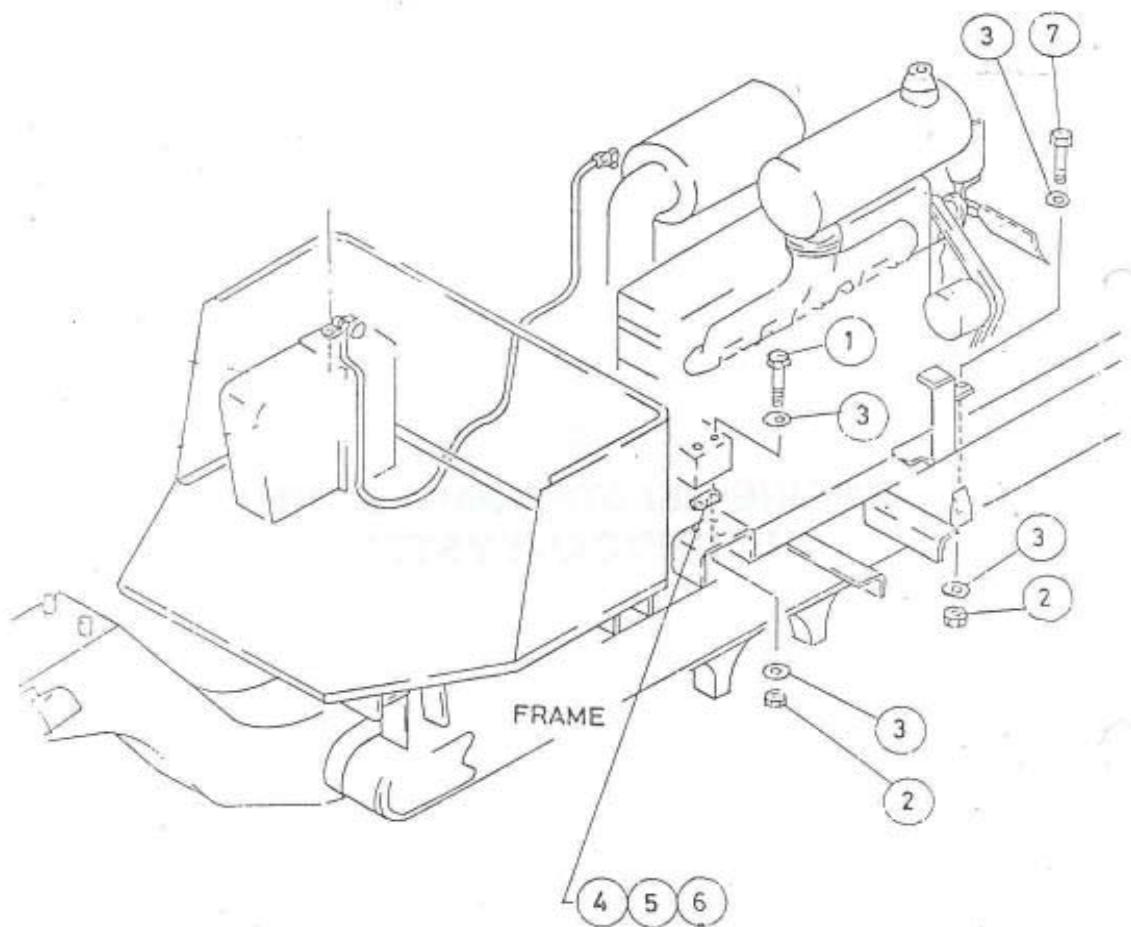
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X. NUMERICAL INDEX

I
ENGINE RELATED PARTS &
ELECTRICAL SYSTEM

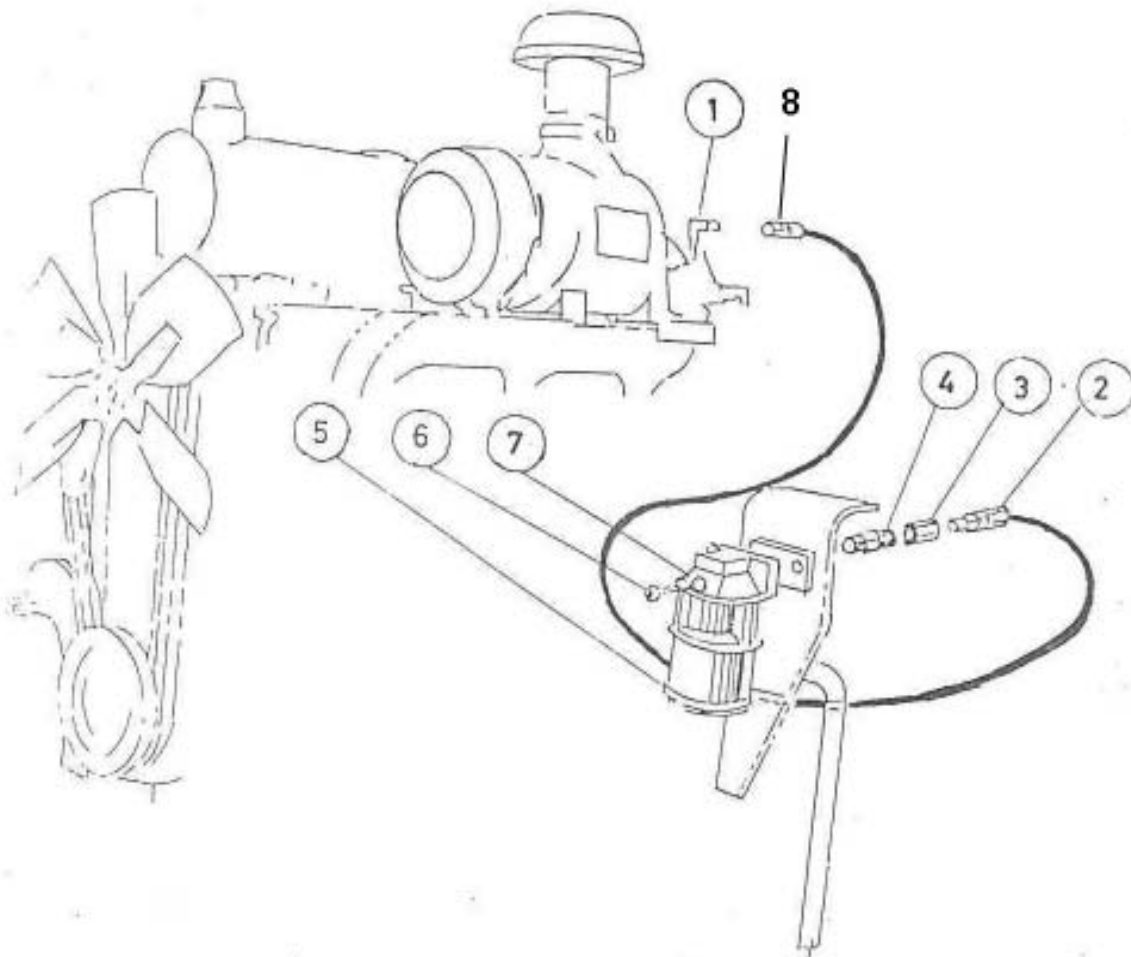
FIG NO. 01 ENGINE MOUNTING PARTS



ENGINE MOUNTING PARTS**FIG NO.01**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	CFB08-21840	HEX. BOLT M18 x 140	4	CUMMINS ENGINE
01	CFB08-21820	HEX. BOLT M18 X 120	4	BEML ENGINE
02	CFN04-11815	HEX. NUT M18	6	
03	CFW05-18045	WASHER M18	12	
	451-PT-01001	SHIMASSY.	2	
04	451-PT-11021	SHIM	3	
05	451-PT-11038	SHIM	1	
06	451-PT-11046	SHIM	2	
07	CFB07-21870	HEX. BOLT M18 X 70	2	

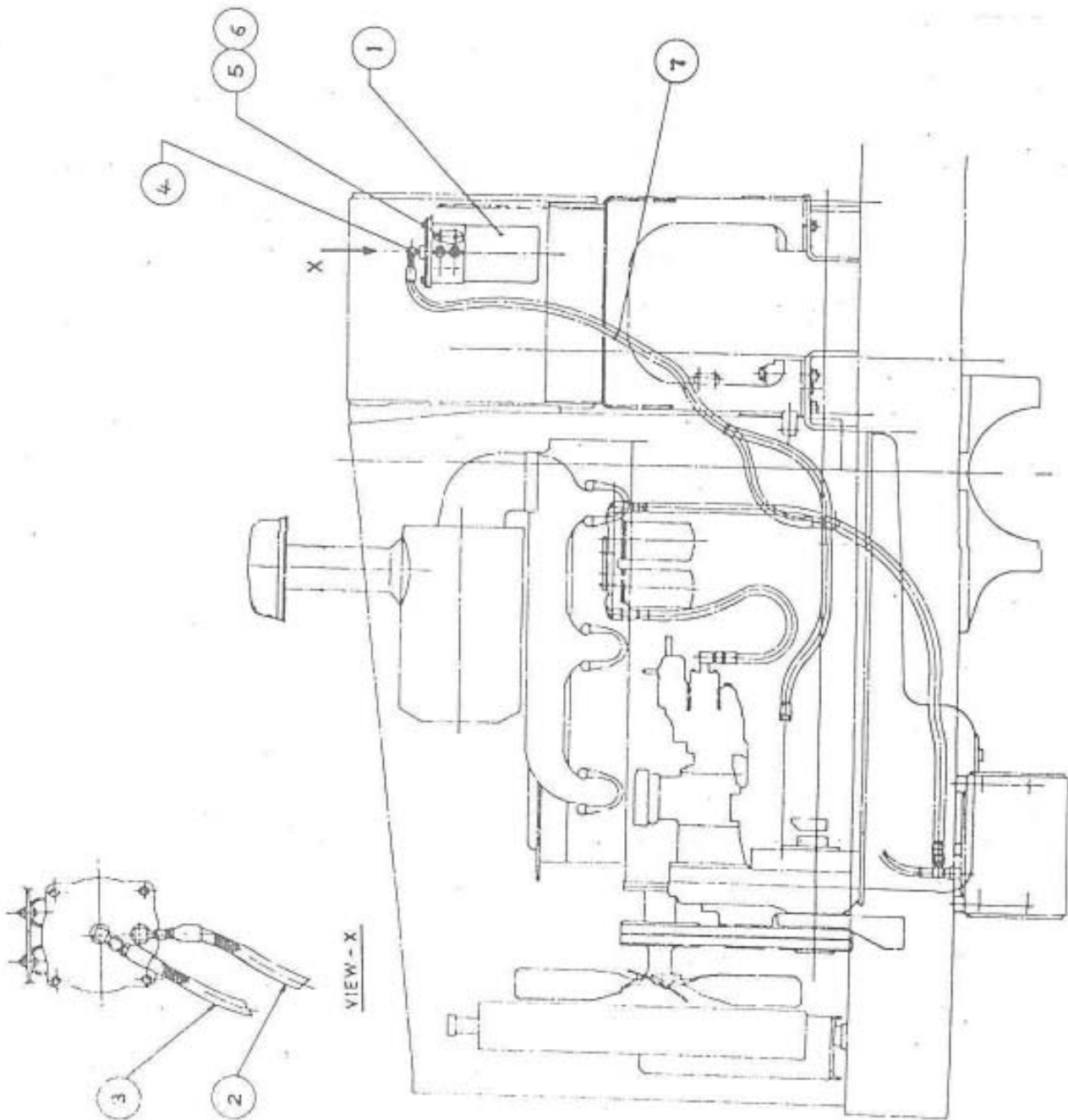
FIG NO. 02 DUST INDICATOR



DUST INDICATOR**FIG NO. 02**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	284300003240	ELBOW	1	BEML ENGINE
02	284300003340	HOSE	1	
03	284300003430	CONNECTOR	1	
04	284300003540	ADAPTOR	1	
05	284300003630	DUST INDICATOR	1	
06	CFS02-10616	SLOTTED CHEASE HEAD SCREW AM6	2	
07	CFW01-10619	SPRING WASHER M6-B	2	
08	451-EI-03059	HOSE ASSY.	1	

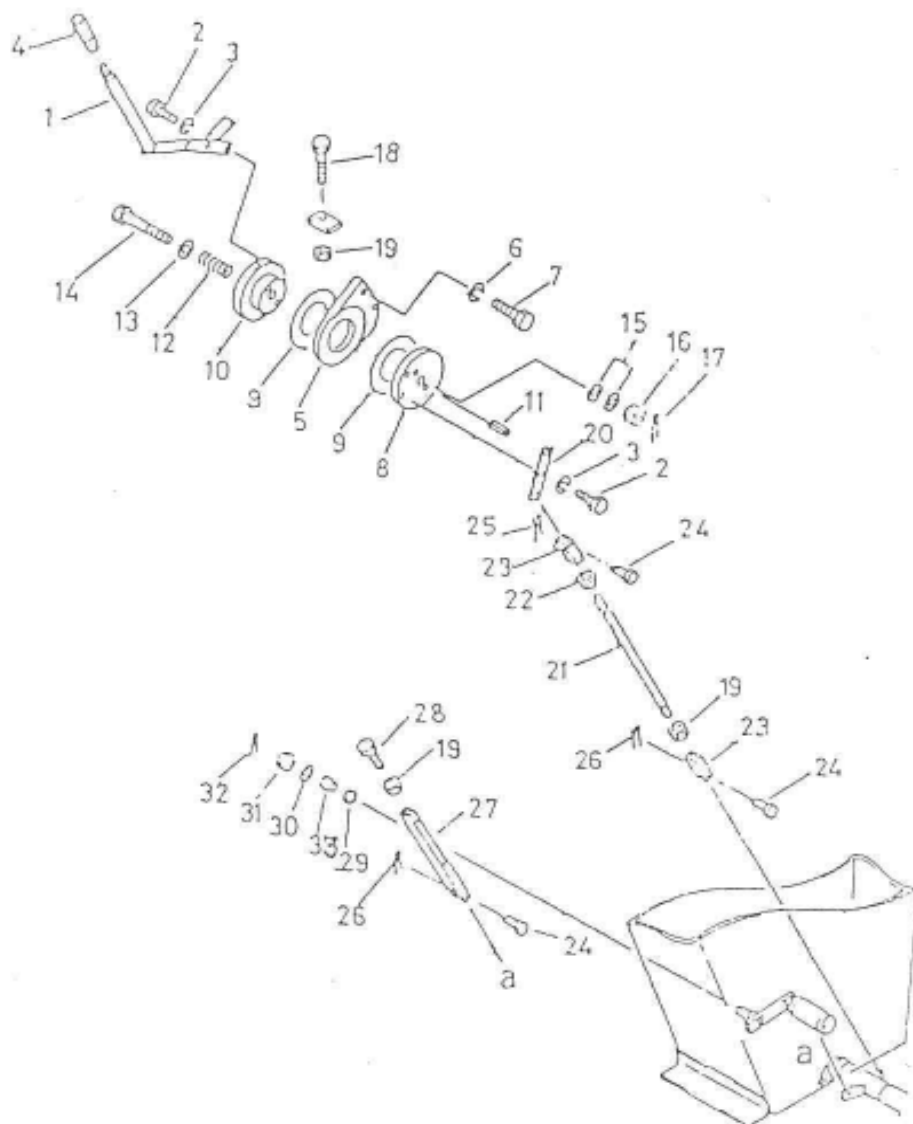
FIG NO. 03 BYPASS FILTER AND PIPING(CUMMINS ENGINE)



BYPASS FILTER AND PIPING(CUMMINS ENGINE)**FIG NO. 03**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	Y 3873572	U FILTER ASSY.	1	
02	THH03-23120	HOSE ASSY.	1	
03	THH03-22200	HOSE ASSY.	1	
04	451-EI-11004	CONNECTION BY PASS FILTER	2	
05	CFS01-20820	BOLT	4	
06	CFW01-10825	SPRING WASHER	4	
07	CCC10-00519	BAND	2	

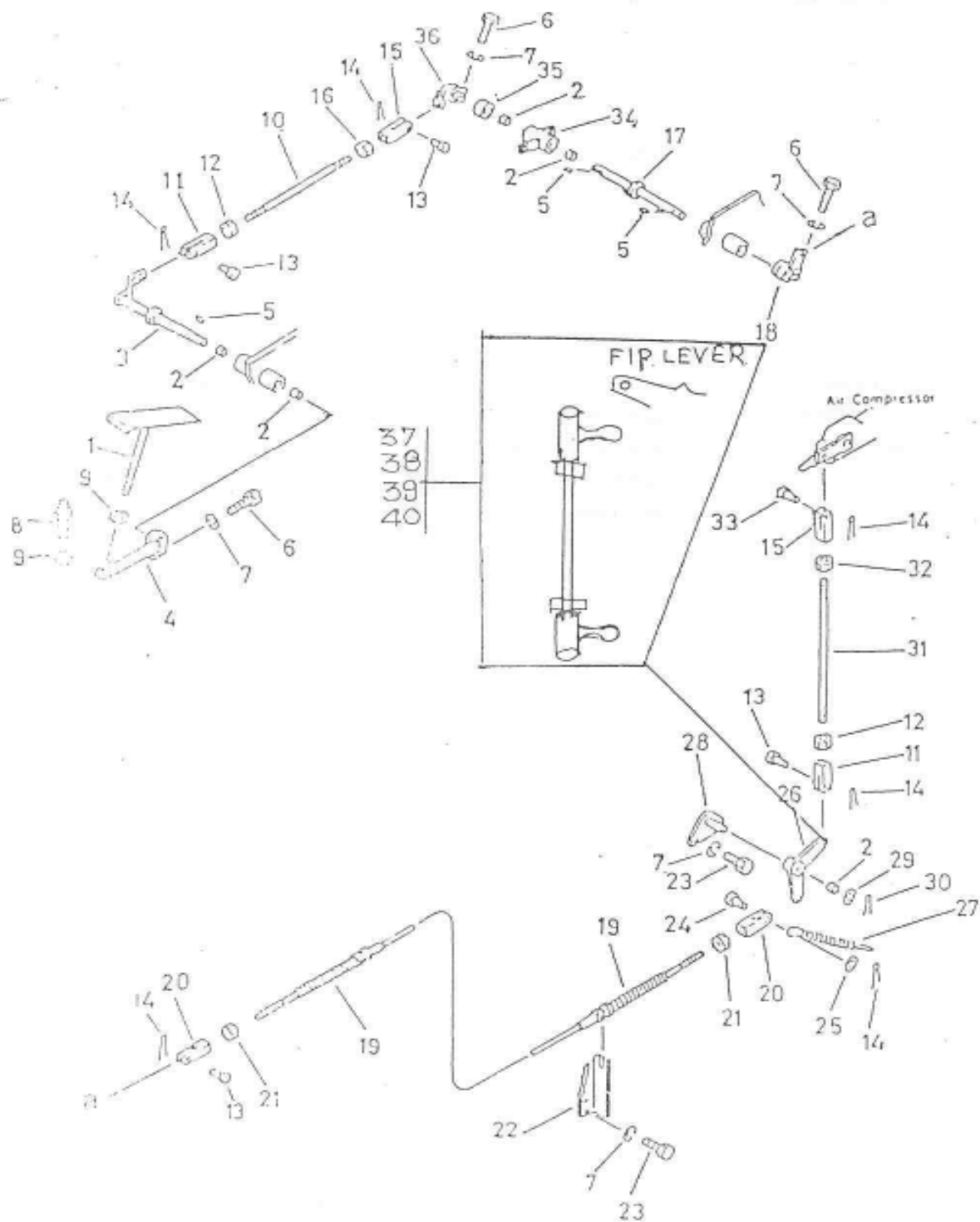
FIG NO. 04 THROTTLE LEVER LINKAGE



THROTTLE LEVER LINKAGE**FIG NO. 04**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-CO-02212	LEVER	1	
02	CFS01-20820	HEX. SCREW	4	
03	CFW01-10825	SPRING WASHER	4	
04	451-CO-02245	KNOB	1	
05	451-CO-11066	PLATE	1	
06	CFW01-11236	SPRING WASHER	2	
07	CFS01-21225	HEX. SCREW	2	
08	451-CO-11041	DISC	1	
09	451-CO-71055	FACING	2	
10	451-CO-11025	DISC	1	
11	CFP13-10620	PIN	2	
12	451-CO-11017	SPRING	1	
13	CFW01-11236	SPRING WASHER	1	
14	CFB19-51285	BOLT	1	
15	CFW03-11225	WASHER	2	
16	CFN33-01210	NUT	1	
17	CFP01-03220	COTTER PIN	1	
18	451-CO-11122	BOLT	1	
19	CFN01-10868	NUT	1	
20	451-CO-11074	PLATE	1	
21	CFY05-10837	ROD	1	
22	CFN35-10825	NUT	1	
23	CFY02-10844	YOKE	2	
24	CFP02-10822	PIN	3	
25	CFP01-02012	COTTER PIN	1	
26	CFP01-04025	COTTER PIN SPLIT	2	
27	451-CO-11155	YOKE	1	
28	CFS01-31840	BOLT	1	
29	451-CO-11163	SPACER	1	
30	CFW05-08023	WASHER	1	
31	CFN03-20809	NUT	1	
32	CFP01-02016	COTTER PIN SPLIT	1	
33	451-CO-11917	SPACER	1	

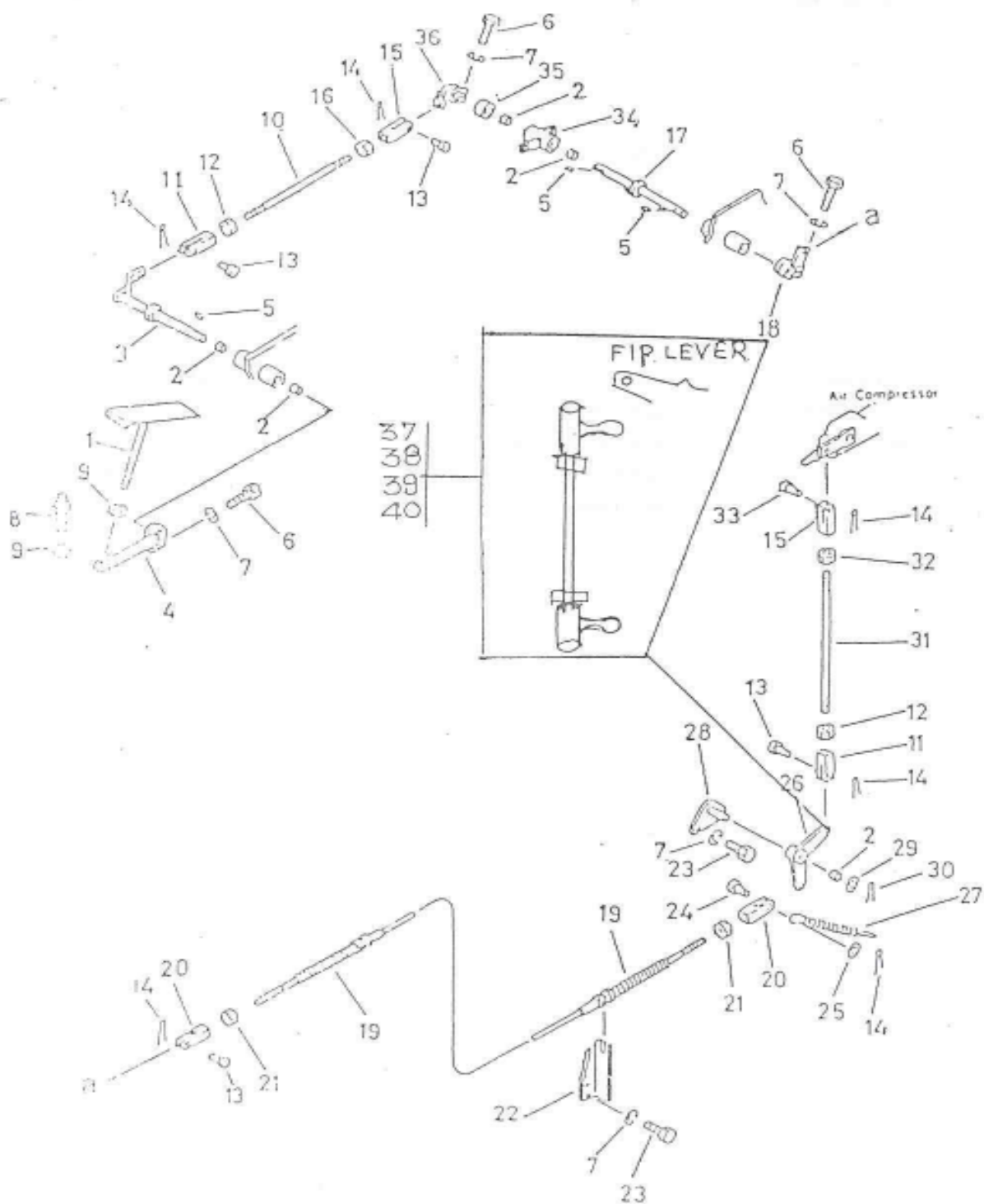
FIG NO.05 THROTTLE PEDAL LINKAGE



THROTTLE PEDAL LINKAGE**FIG NO. 05**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-CO-02197	PEDAL	1	
02	451-CO-02123	BUSHING	7	
03	451-CO-02229	SHAFT	1	
04	451-CO-02189	LEVER	1	
05	CKF02-00519	KEY	3	
06	CFS01-20830	HEX. SCREW	3	
07	CFW01-10825	WASHER	7	
08	451-CO-11106	BUMPER	1	
09	CFN01-11211	HEX. NUT	2	
10	CFY05-10829	ROD	1	
11	CFY02-10844	YOKE	1	
12	CFN01-10868	HEX. NUT	2	
13	CFP02-10822	PIN	3	
14	CFP01-02012	COTTER PIN	6	
15	CFY02-10844	YOKE	2	
16	CFN35-10805	HEX. NUT	1	
17	451-CO-02131	SHAFT	1	
18	451-CO-02067	LEVER	1	
19	451-CO-02091	CABLE	2	
20	451-CO-11139	YOKE	2	
21	CFN01-10652	NUT	2	
22	451-CO-11099	BRACKET	1	
23	CFS01-20820	HEX. SCREW	4	
24	CFP02-10828	PIN	1	
25	CFW02-10816	WASHER	1	
26	451-CO-02107	BRACKET	1	
27	451-CO-11147	SPRING	1	
28	451-CO-02115	BRACKET	1	
29	CFW03-21631	WASHER	1	
30	CFP01-04025	COTTER PIN	2	
31	CFY05-30836	ROD	1	
32	CFN35-10805	NUT	1	
33	CFP02-10822	PIN	1	
34	451-CO-02204	LEVER	1	
35	451-CO-11171	SPACER	1	
36	451-CO-02172	LEVER	1	

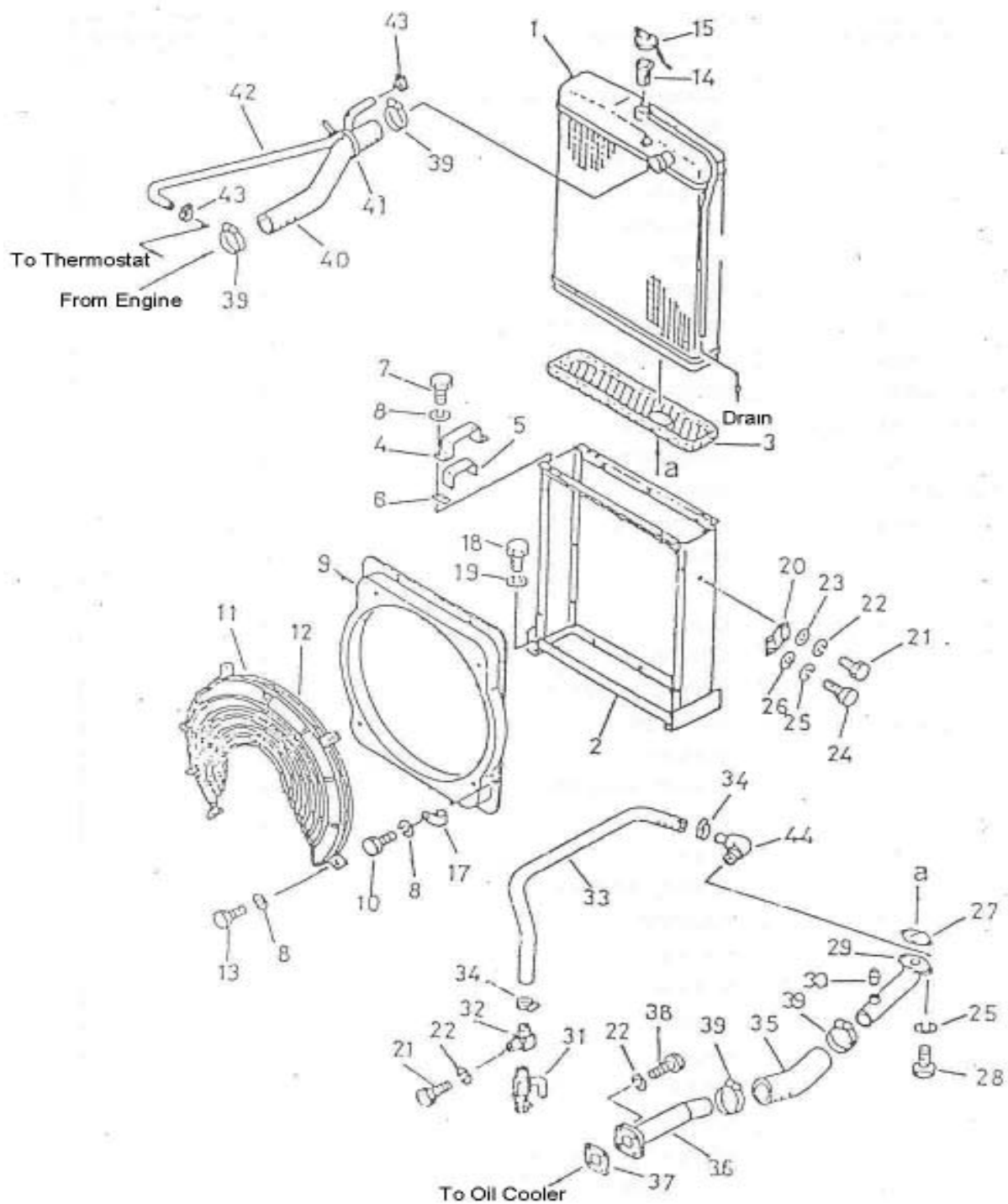
FIG NO. 05 THROTTLE PEDAL LINKAGE



THROTTLE PEDAL LINKAGE**FIG NO. 05**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
37	VL 4385	THREADED ROD	1	
38	S 1357	BALL JOINT	2	BEML ENGINE
39	SF 4358	JAM NUT	2	BEML ENGINE
40	C 1538	LOCK WASHER	2	
41	451-CO-13537	THREADED ROD	1	BEML ENGINE

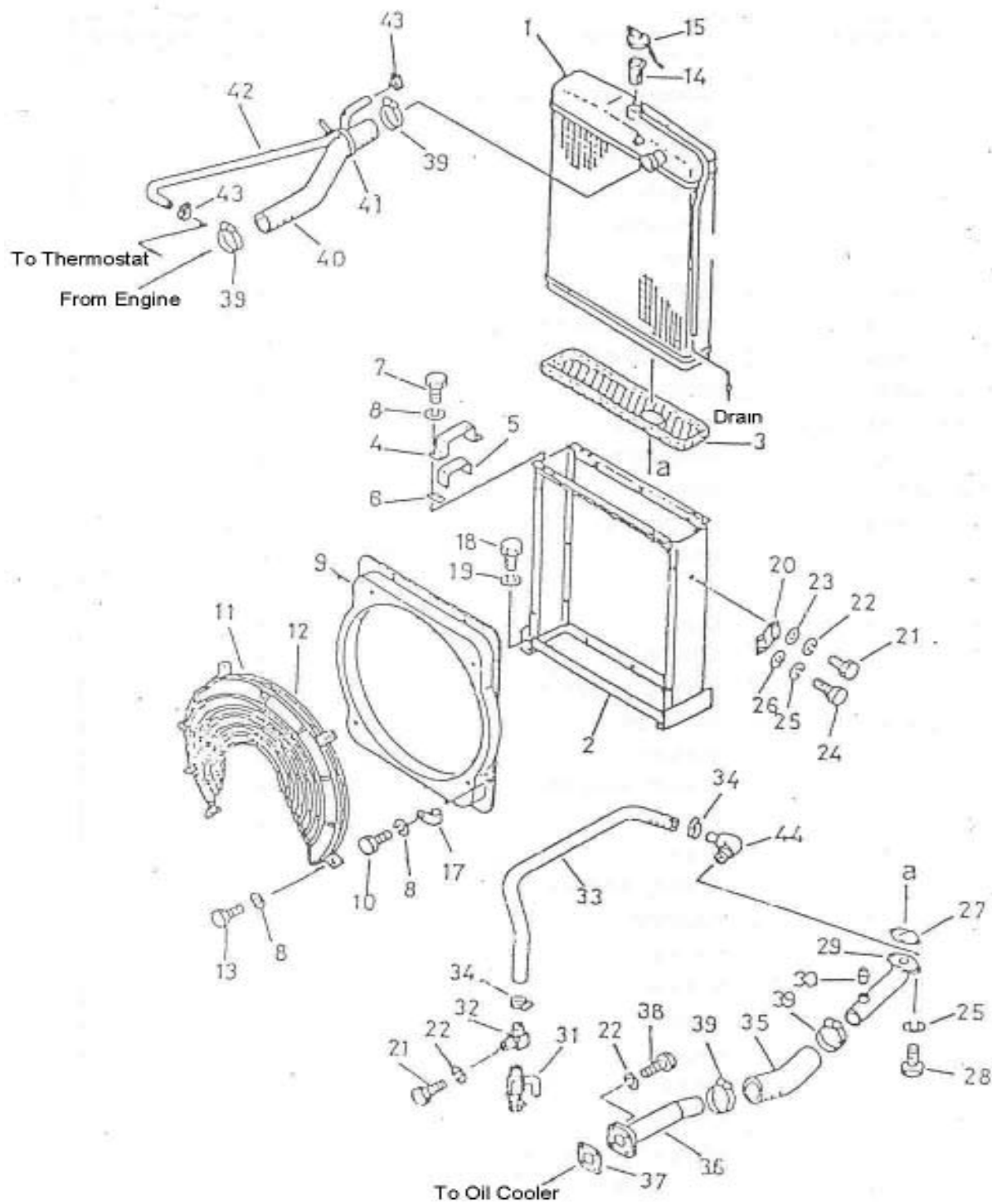
FIG NO. 06 COOLING SYSTEM (FOR CUMMINS ENGINE)



COOLING SYSTEM (FOR CUMMINS ENGINE)**FIG NO. 06**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-EC-02013	RADIATOR ASSY.	1	
01	451-EC-03026	RADIATOR CORE ASSY.	1	
02	451-EC-11086	FRME	1	
03	451-EC-11094	RUBBER SEAT	1	
04	451-EC-11101	CLAMP	1	
05	451-EC-11118	CUSHION	2	
06	451-EC-11126	SHIM	12	
07	CFS01-20820	SCREW	8	
08	CFW01-10825	SPRING WASHER	21	
09	451-EC-03034	SHROUD STR.	1	
10	CFS01-20812	BOLT	8	
11	451-EC-11134	WIRE NET	1	
12	451-EC-11142	WIRE NET	1	
13	CFS01-20816	BOLT	5	
14	451-EC-03018	STRAINER	1	
15	451-EC-11061	CAP	1	
16				
17	451-EC-11078	CLIP	2	
18	CFS01-21635	SCREW	4	
19	CFW01-11648	SPRING WASHER	4	
20	451-EC-02021	SUPPORT	2	
21	CFS01-21020	SCREW	5	
22	CFW01-11030	SPRING WASHER	9	
23	CFW05-10032	WASHER	4	
24	CFB01-21245	BOLT	4	
25	CFW01-11236	SPRING WASHER	6	
26	CFW05-12032	WASHER	4	
27	451-EC-71018	GASKET	1	
28	CFS01-21235	SCREW	2	
29	451-EC-11037	TUBE	1	
30	CPL04-11521	PLUG	1	
31	CVF01-60504	VALVE	1	
32	451-EC-02046	NIPPLE	1	
33	THH01-21490	HOSE LOW PRESSURE	1	
34	CCC01-03008	HOSE CLAMP	2	
35	451-EC-61047	HOSE	1	
36	451-EC-02038	TUBE ASSY.	1	

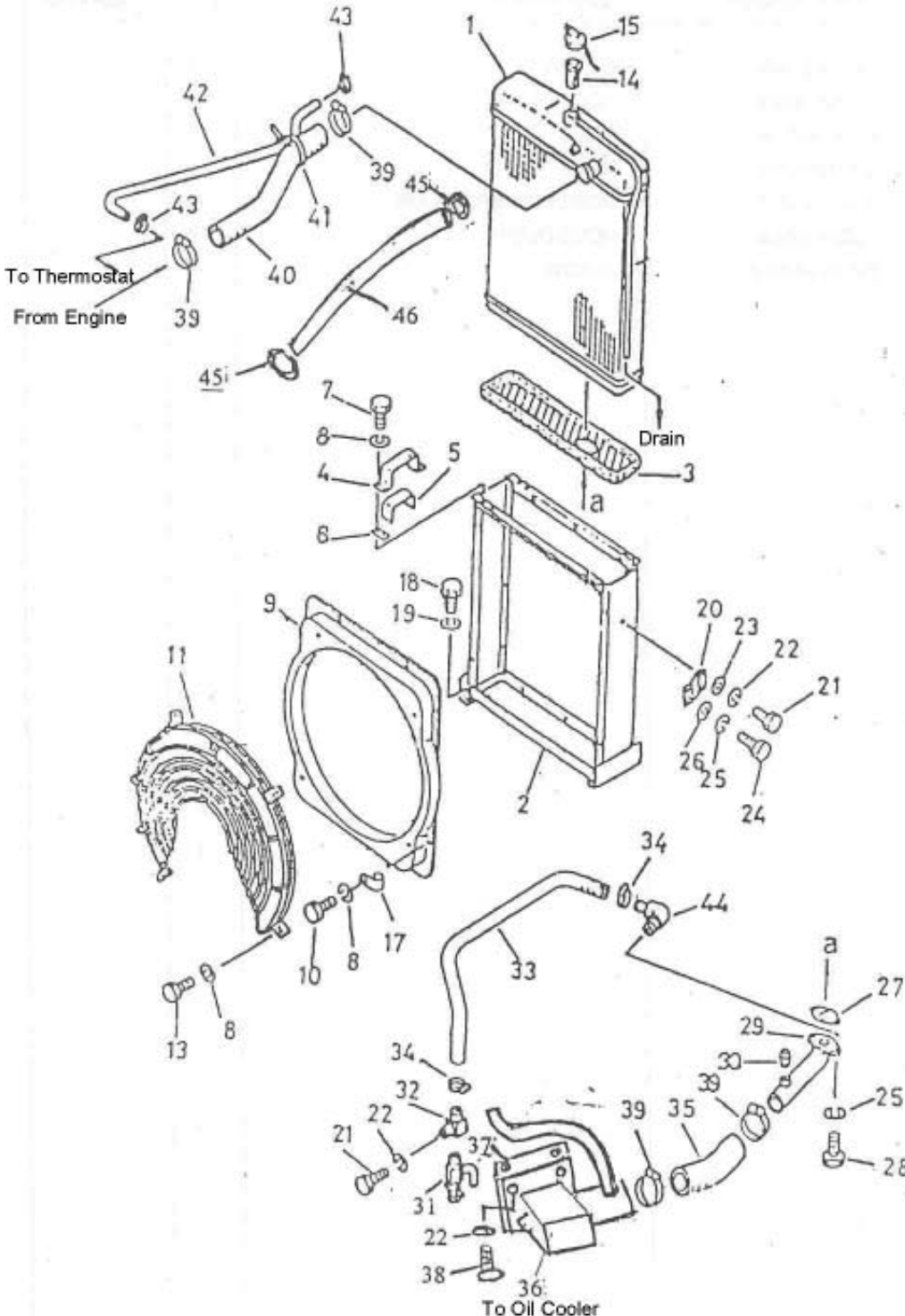
FIG NO. 06 COOLING SYSTEM (FOR CUMMINS ENGINE)



COOLING SYSTEM (FOR CUMMINS ENGINE)**FIG NO. 06**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
37	451-EC-71059	GASKET	1	
38	CFS01-21030	SCREW	4	
39	CCC01-08020	HOSE CLAMP	4	
40	451-EC-61022	HOSE	1	
41	CCC10-00536	BAND	1	
42	THH01-20971	HOSE LOW PRESSURE	1	
43	CCC01-02006	HOSE CLAMP	2	
44	451-EC-02054	ELBOW	1	

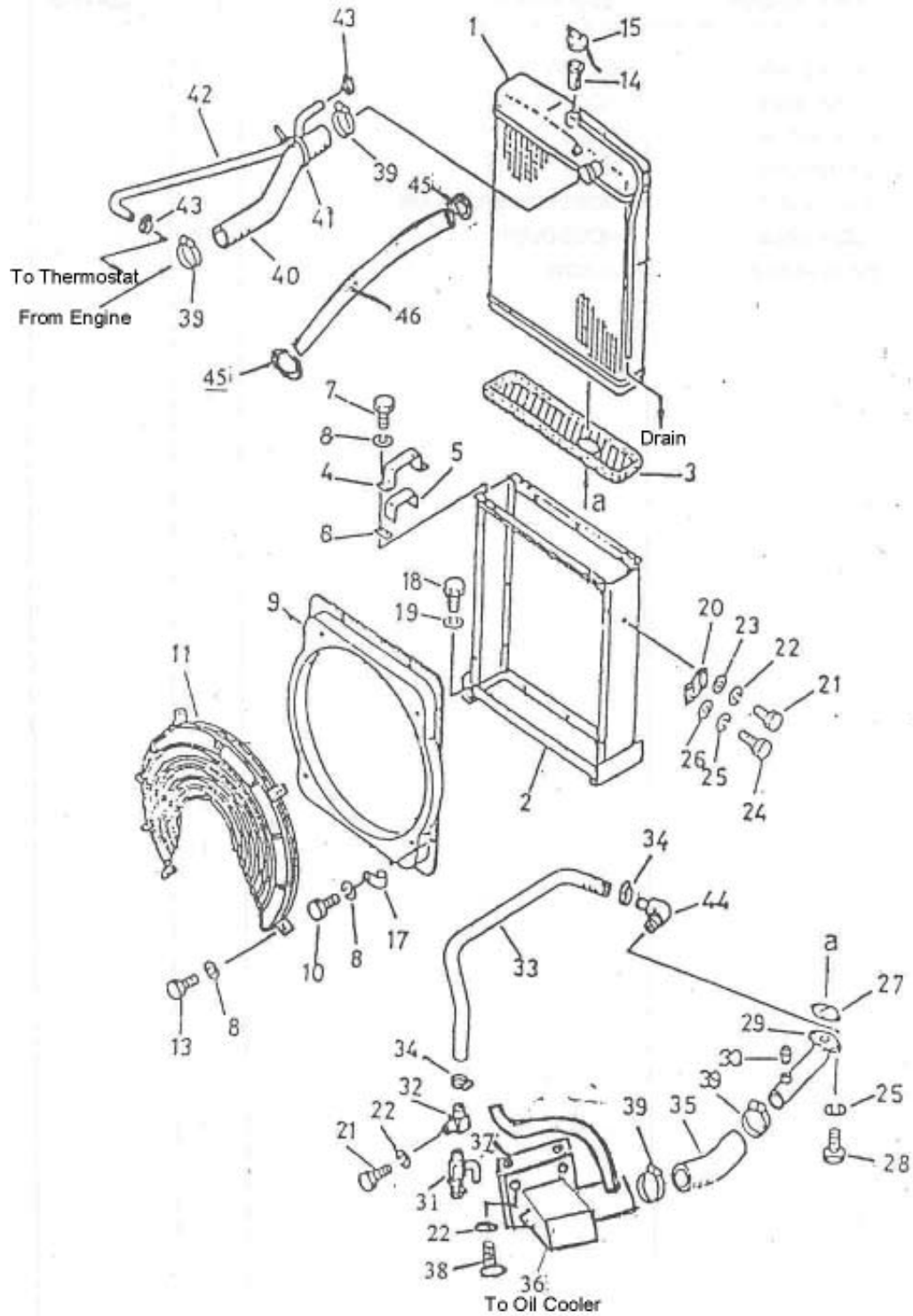
FIG NO. 06A COOLING SYSTEM (FOR BEML 6D125ENGINE)



COOLING SYSTEM (FOR BEML 6D125 ENGINE)**FIG NO. 06A**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-EC-02013	RADIATOR ASSY.	1	
01	451-EC-03026	CORE ASSY.	1	
02	451-EC-11086	FRAME	1	
03	451-EC-11094	RUBBER SEAT	1	
04	451-EC-11101	CLAMP	1	
05	451-EC-11118	CUSHION	2	
06	451-EC-11126	SHIM	12	
07	CFS01-20820	SCREW	8	
08	CFW01-10825	SPRING WASHER	21	
09	451-ZZ-10708	SHROUD STR.	1	
10	CFS01-20812	BOLT	8	
11	451-ZZ-10668	WIRE NET	1	
12				
13	CFS01-20816	BOLT	5	
14	451-EC-03018	STRAINER	1	
15	451-EC-11061	CAP	1	
16				
17	451-EC-11078	CLIP	2	
18	CFS01-21635	SCREW	4	
19	CFW01-11648	SPRING WASHER	4	
20	451-EC-02021	SUPPORT	2	
21	CFS01-21020	SCREW	5	
22	CFW01-11030	SPRING WASHER	9	
23	CFW05-10032	WASHER	4	
24	CFB01-21245	BOLT	4	
25	CFW01-11236	SPRING WASHER	6	
26	CFW05-12032	WASHER	4	
27	451-EC-71018	GASKET	1	
28	CFS01-21235	SCREW	2	
29	451-EC-11037	TUBE	1	
30	CPL04-11521	PLUG	1	
31	CVF01-60504	VALVE	1	
32	451-EC-02046	NIPPLE	1	
33	THH01-21490	HOSE LOW PR.	1	
34	CCC01-03008	HOSE CLAMP	2	
35	451-ZZ-10651	HOSE	1	
36	451-ZZ-10635	CONNECTOR	1	
37	451-ZZ-10643	GASKET	1	

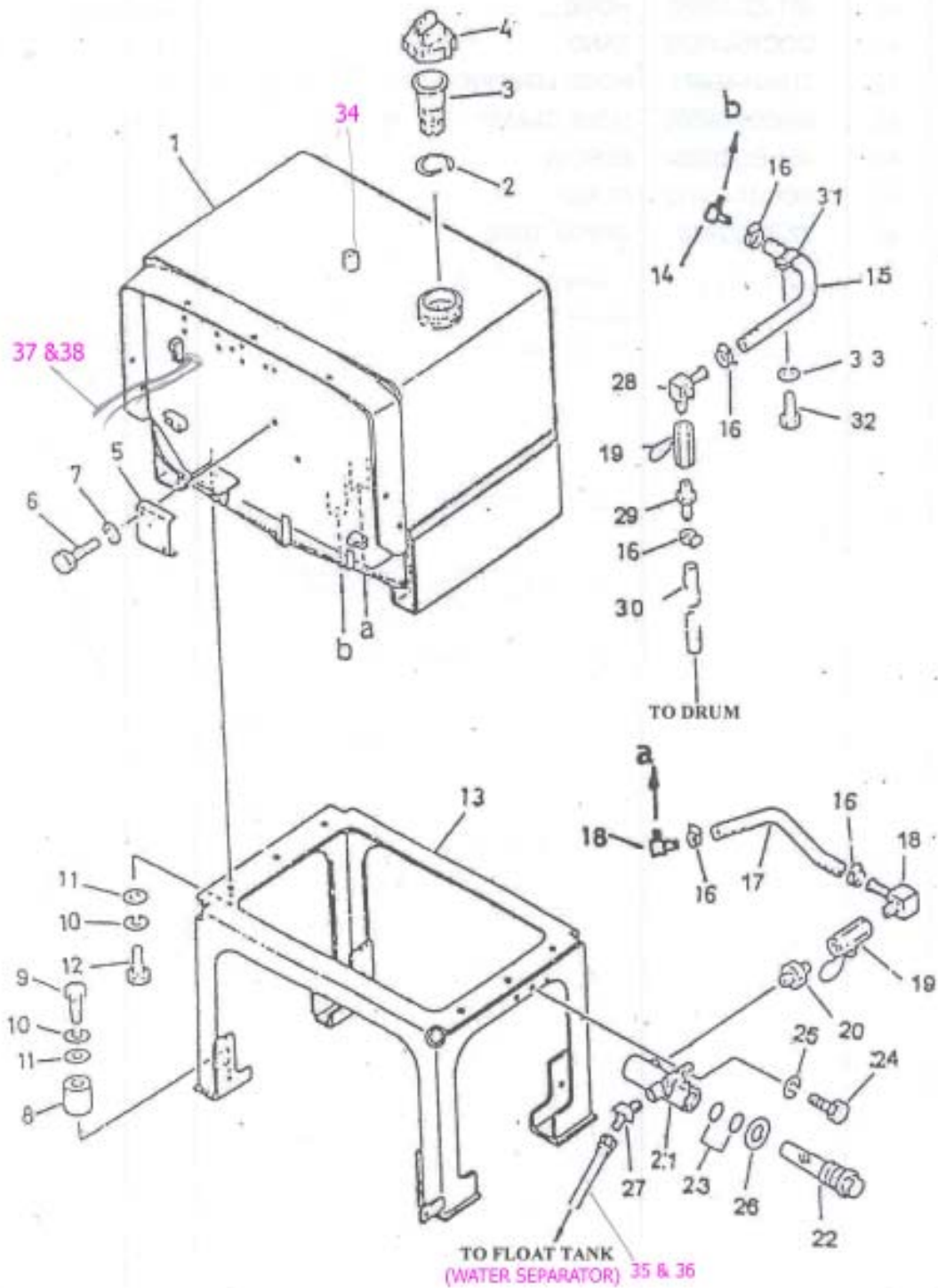
FIG NO. 06A COOLING SYSTEM (FOR BEML 6D125 ENGINE)



COOLING SYSTEM (FOR BEML 6D 125 ENGINE)**FIG NO. 06A**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
38	CFS01-21030	SCREW	4	NOT SHOWN
39	CCC01-08020	HOSE CLAMP	4	
40	451-ZZ-10676	HOSE	1	
41	CCC10-00536	BAND	1	
42	451-EI-03075	HOSE AREATION.	1	
43	TD 9718	CONNECTOR	2	
44	451-EC-02054	ELBOW	1	
45	CCC01-05012	CLAMP	2	
46	07261-22616	SPIRAL TUBE	1	
47	SV 7053	CONNECTOR	1	

FIG NO. 07 FUEL SYSTEM



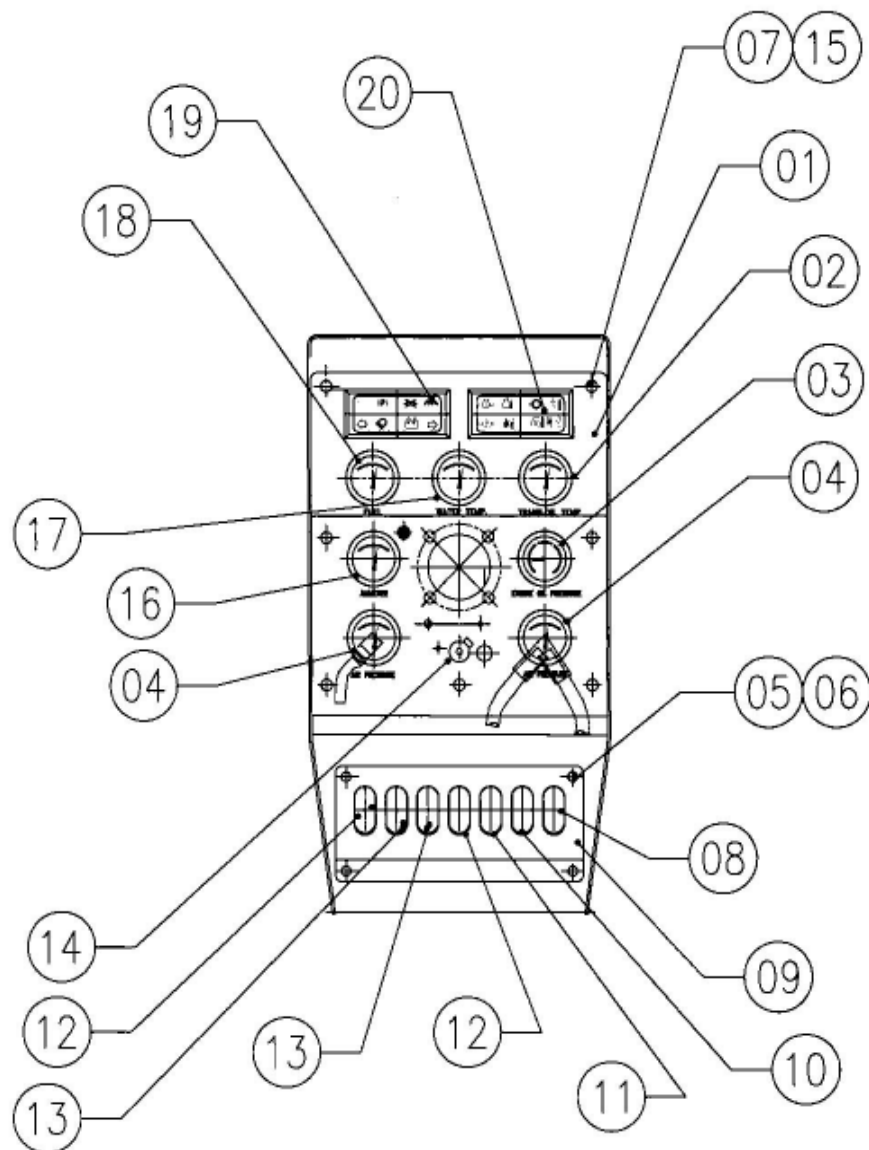
FUEL SYSTEM**FIG NO. 07**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-FL-02023	TANK	1	
02	TFR01-04087	RING	1	
03	451-FL-02056	STRAINER	1	
04	564308020002	CAP ASSY.	1	
05	451-FL-11063	COVER	1	
06	CFS01-10612	SCREW	2	
07	CFW01-10619	SPRING WASHER	2	
08	451-FL-11022	SPACER	4	
09	CFB01-21695	BOLT	4	
10	CFW01-11648	SPRING WASHER	8	
11	CFW05-16045	WASHER	8	
12	CFS01-31640	BOLT	4	
13	451-FL-02031	BRACKET	1	
14	451-FL-11071	ELBOW	1	
15	CHH01-20970	HOSE	1	
16	CCC01-02006	WORM DRIVE HOSE CLIP	5	
17	CHH01-20970	HOSE	1	
18	451-FL-02072	ELBOW	2	
19	CVF01-60504	VALVE	2	
20	451-FL-11047	NIPPLE	1	
21	451-FL-11014	STRAINER CASE	1	
22	451-FL-02015	STRAINER	1	
23	CSH01-13038	O RING	2	
24	CFS01-20816	SCREW	2	
25	CFW01-10825	SPRING WASHER	2	
26	CFW01-10816	WASHER	2	
27	451-FL-11055	ELBOW	1	
28	451-FL-02048	NIPPLE	1	
29	451-FL-11039	NIPPLE	1	
30	THH01-01290	VINYLE TUBE	1	
31	CCC06-11814	CLIP	1	
32	CFS01-21016	BOLT	1	
33	CFW01-11030	SPRING WASHER	1	
34	SR 2586-2	BREATHER	1	
35	452-EI-03042	HOSE ASSY	1	BEML ENGINE
36	451-EI-11086	CONNECTOR	1	BEML ENGINE
37	451-EI-03034	HOSE ASSY	1	BEML ENGINE
38	451-EI-11078	CONNECTOR	1	BEML ENGINE

FUEL SYSTEM**FIG NO. 07**

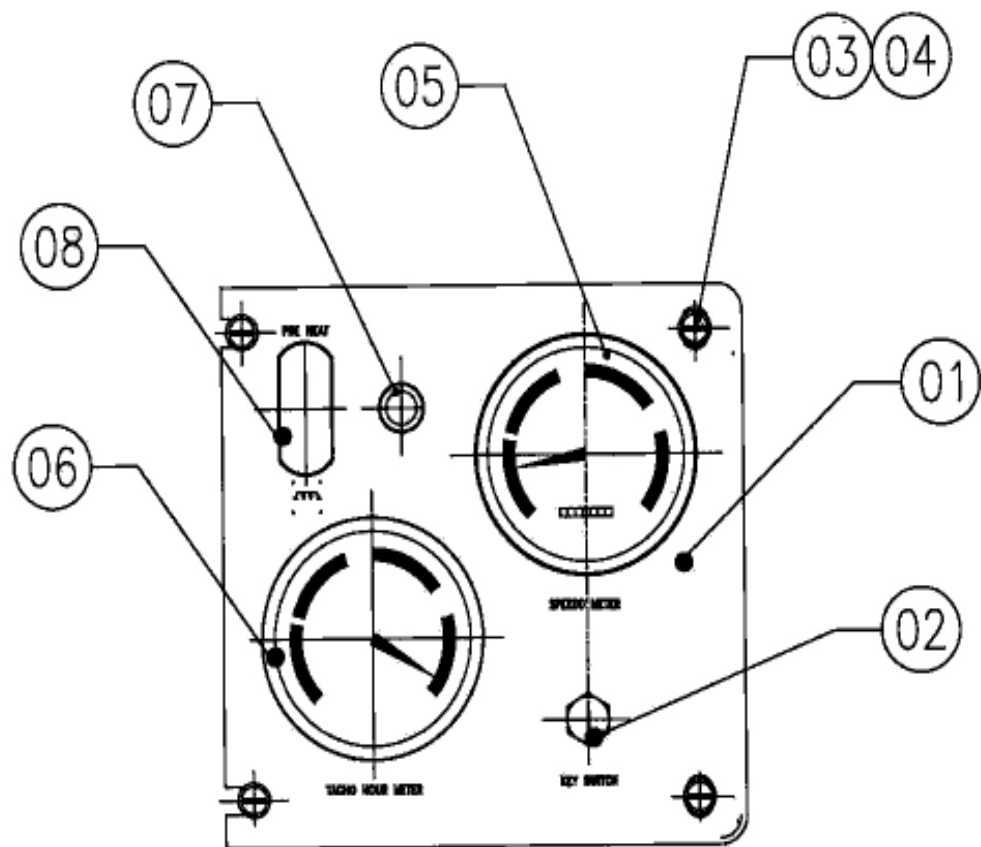
SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-FL-02023	TANK	1	
02	TFR01-04087	RING	1	
03	451-FL-02056	STRAINER	1	
04	564308020002	CAP ASSY.	1	
05	451-FL-11063	COVER	1	
06	CFS01-10612	SCREW	2	
07	CFW01-10619	SPRING WASHER	2	
08	451-FL-11022	SPACER	4	
09	CFB01-21695	BOLT	4	
10	CFW01-11648	SPRING WASHER	8	
11	CFW05-16045	WASHER	8	
12	CFS01-31640	BOLT	4	
13	451-FL-02031	BRACKET	1	
14	451-FL-11071	ELBOW	1	
15	CHH01-20970	HOSE	1	
16	CCC01-02006	WORM DRIVE HOSE CLIP	5	
17	CHH01-20970	HOSE	1	
18	451-FL-02072	ELBOW	2	
19	CVF01-60504	VALVE	2	
20	451-FL-11047	NIPPLE	1	
21	451-FL-11014	STRAINER CASE	1	
22	451-FL-02015	STRAINER	1	
23	CSH01-13038	O RING	2	
24	CFS01-20816	SCREW	2	
25	CFW01-10825	SPRING WASHER	2	
26	CFW01-10816	WASHER	2	
27	451-FL-11055	ELBOW	1	
28	451-FL-02048	NIPPLE	1	
29	451-FL-11039	NIPPLE	1	
30	THH01-01290	VINYLE TUBE	1	
31	CCC06-11814	CLIP	1	
32	CFS01-21016	BOLT	1	
33	CFW01-11030	SPRING WASHER	1	
34	SR 2586-2	BREATHER	1	
35	452-EI-03042	HOSE ASSY	1	BEML ENGINE
36	451-EI-11086	CONNECTOR	1	BEML ENGINE
37	451-EI-03034	HOSE ASSY	1	BEML ENGINE
38	451-EI-11078	CONNECTOR	1	BEML ENGINE

FIG NO. 10 ELECTRICAL SYSYTEM (INSTRUMENT PANEL FRONT)



INSTRUMENT PANEL FRONT**FIG NO. 10**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
1	451 EG 12093	PANEL FRONT	1	
2	451 EG 11818	TOT GAUGE	1	
3	561842000500	ENG.OIL PR.GAUGE	1	
4	561842000400	AIR PR.GAUGE	2	
5	CFS01-10612	HEX.SCREW	11	
6	CFW01-10619	SPRING WASHER	29	
7	CFW02-10816	PLAIN WASHER	8	
8	787 EG 81205	SW.ENGINE STOP	1	
9	451 EG 03029	BRACKET ASSY	1	
10	787 EG 81181	SWITCH W.S.W	2	
11	787 EG 81198	SWITCH WIPER	1	
12	787 EG 81173	SW.HAZARD	2	
13	787 EG 81157	SWITCH	2	
14	451 EG 11875	BUZZER	1	
15	CFS02-10820	CH.HEAD SCERW	7	
16	561842000900	AMMTER	1	
17	561842000600	WATER TEMP.GAUGE	2	
18	561842000700	FUEL GAUGE	1	
19	451 EG 72139	WARNING CLUSTER-1	1	
20	451 EG 72147	WARNIN CLUSTER -2	1	

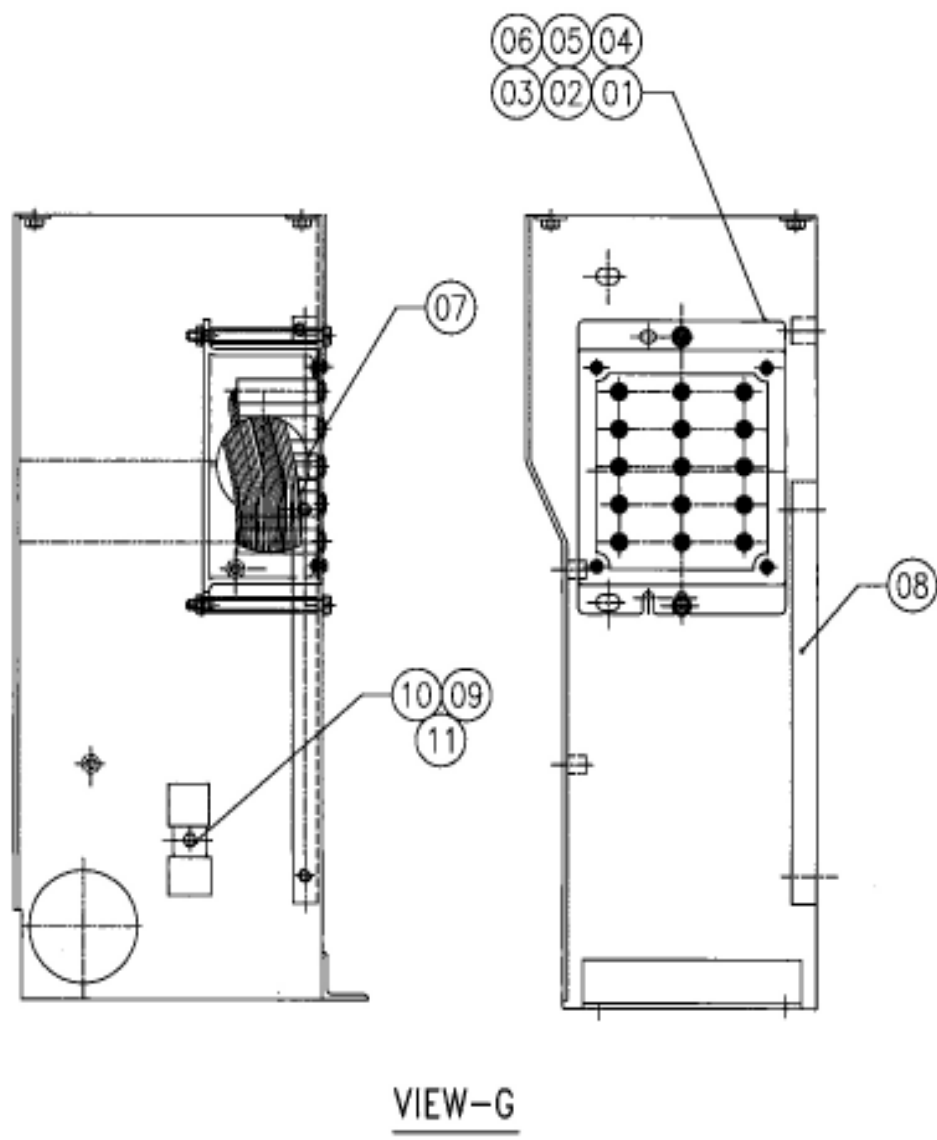


VIEW-D

INSTRUMENT PANEL RH**FIG NO. 11**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
1	451 EG 12109	PANEL RH	1	
2	08086-20000	KET SWITCH	1	
3	CFS02-10412	SCREW	4	
4	CFW01-10410	WASHER	4	
5	56184201100	SPEEDOMETER	1	
6	451 EG 11542	TACHO HOUR METER	1	
7	70603000000	DASH BOARD LAMP	1	
8	787 EG 81181	SWITCH	1	

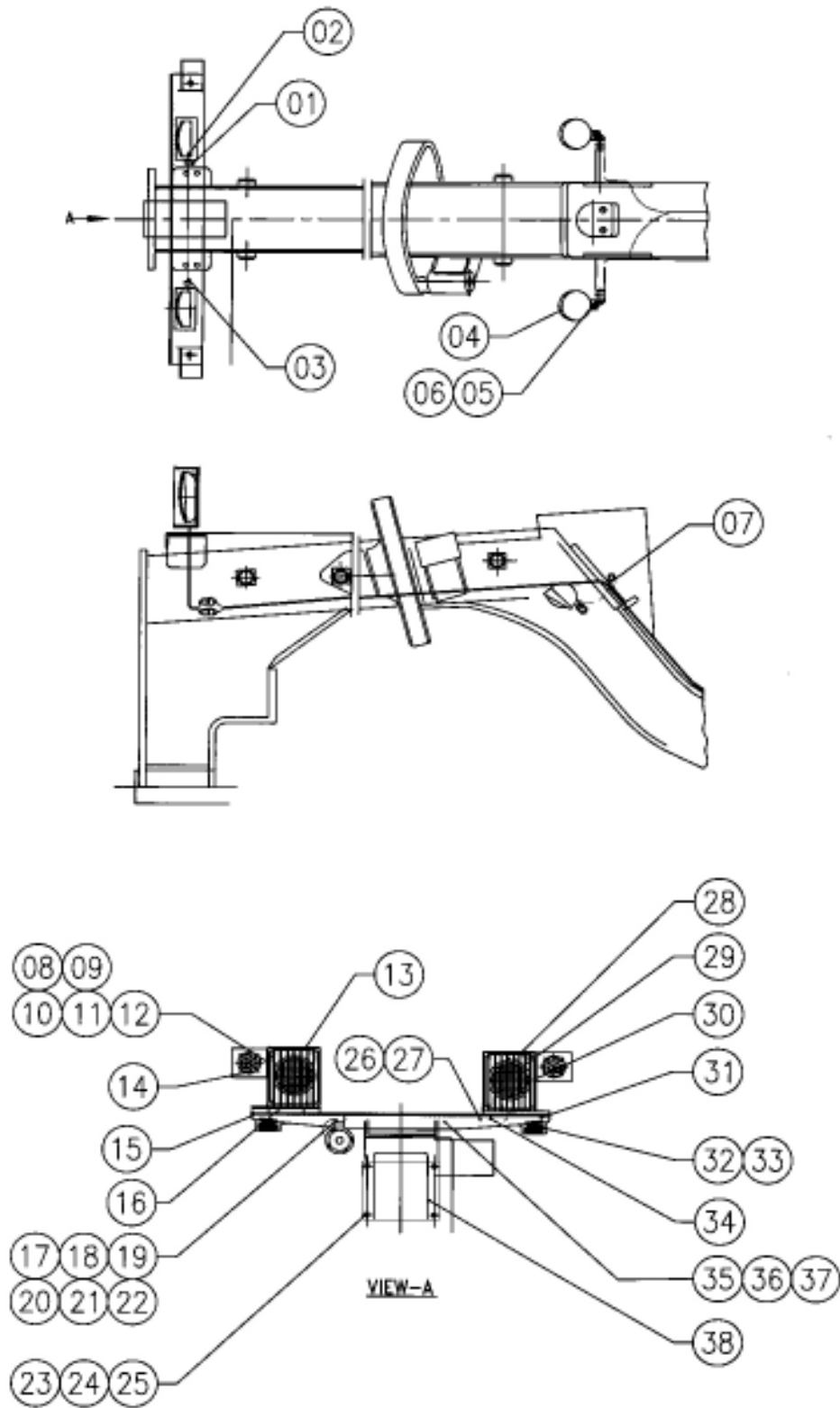
FIG NO. 12 ELECTRICAL SYSTEM (CIRCUIT BREAKER)



ELECTRICAL SYSTEM (CIRCUIT BREAKER)**FIG NO. 12**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
1	451 EG 72244	STICKER	1	
2	985 EG 81912	CIRCUIT BREAKER 2	2	20 AMPS
3	985 EG 02956	BOX ASSY (C.B)	1	
4	985 EG 81883	CIRCUIT BREAKER 2	5	5 AMPS
5	985 EG 81891	CIRCUIT BREAKER	3	10 APMS
6	955 EG 11274	RELAY	2	
7	451 EG 02187	CABLE ASSY	1	
8	451 EG 11656	PLATE	1	
9	CFW01-10619	SPRING WASHER	1	
10	CFS01-10625	SCREW	1	
11	985 EG 11266	FLASHER	2	

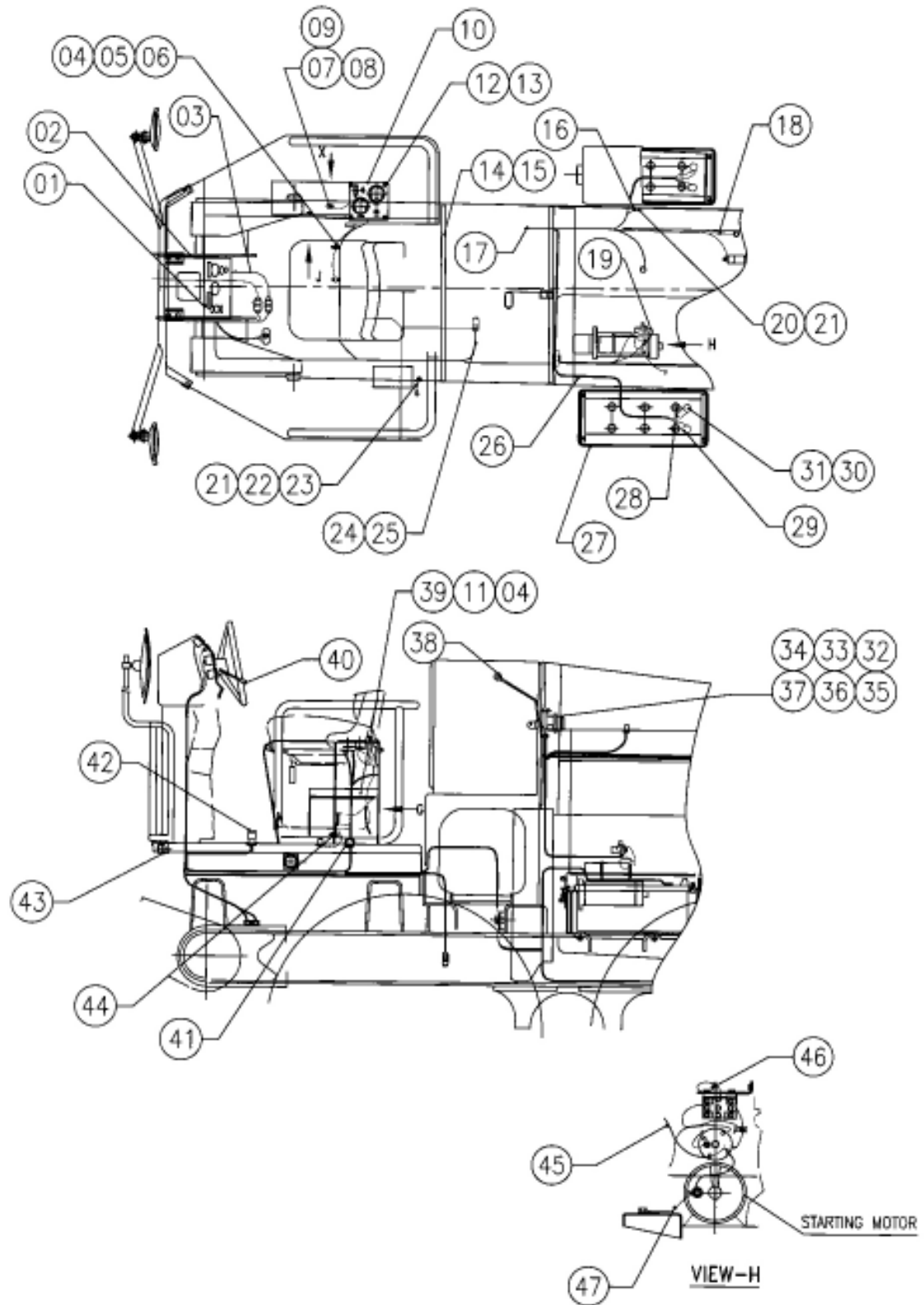
FIG NO. 14 ELECTRICAL SYSTEM (FRONT)



ELECTRICAL SYSTEM (FRONT)**FIG NO. 14**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
1	451 EG 02843	WIRE HARNESS	1	
2	451 EG 02851	WIRE HARNESS	1	
3	451 EG 02868	WIRE HARNESS	1	
4	451 EG 02713	WORK LAMP	2	
5	451 EG 02284	BRACKET	2	
6	CFN04-11411	HEX.NUT	2	
7	451 EG 11623	GROMMET	2	
8	451 EG 02187	CABLE ASSY	1	
9	CFW02-10408	PLAIN WASHER	56	
10	CFN01-10432	HEX.NUT	4	
11	CFS02-10416	CH.HEAD SCREW	56	
12	451 EG 11486	RED REFLECTOR	2	
13	451 EG 03061	BRACKET ASSY.RH	1	
14	451 EG 11964	WHITE REFLECTOR	2	
15	451 EG 02146	BRACKET ASSY.	1	
16	451 EG 11672	GROMMET	5	
17	CFS01-10625	HEX.SCREW	18	
18	CFN01-10652	NUT.HEX	15	
19	CFW01-10619	WASHER	1	
20	CFN02-10868	NUT.HEX	10	
21	CFS01-20820	SCREW	2	
22	955 EG 81712	HORN 24V	2	
23	CPW03-10022	TAPPED BOSS	5	
24	CFS01-21020	SCRERW	8	
25	CFW01-11030	SP.WASHER	18	
26	CFN01-10652	NUT.HEX	15	
27	CCC05-08065	CLAMP	8	
28	451 EG 03053	BRACKET ASSY.LH	1	
29	451 EG 02738	HEAD LAMP	2	
30	882800000013	WHITE REFLCTIVE TAPE	2Mtr	
31	451 EG 11672	GROMMET	5	
32	451 EG 02787	TURN SIGNAL LAMP	2	
33	451 EG 12158	BRACKET	2	
34	CFW01-10619	SPRING WASHER	29	
35	CFS01-21230	HEX.SCREW	4	
36	CFN01-11211	HEX.NUT	4	
37	451 EG 02705	CABLE ASSY	1	
38	451 EG 12003	PLATE FRONT	1	

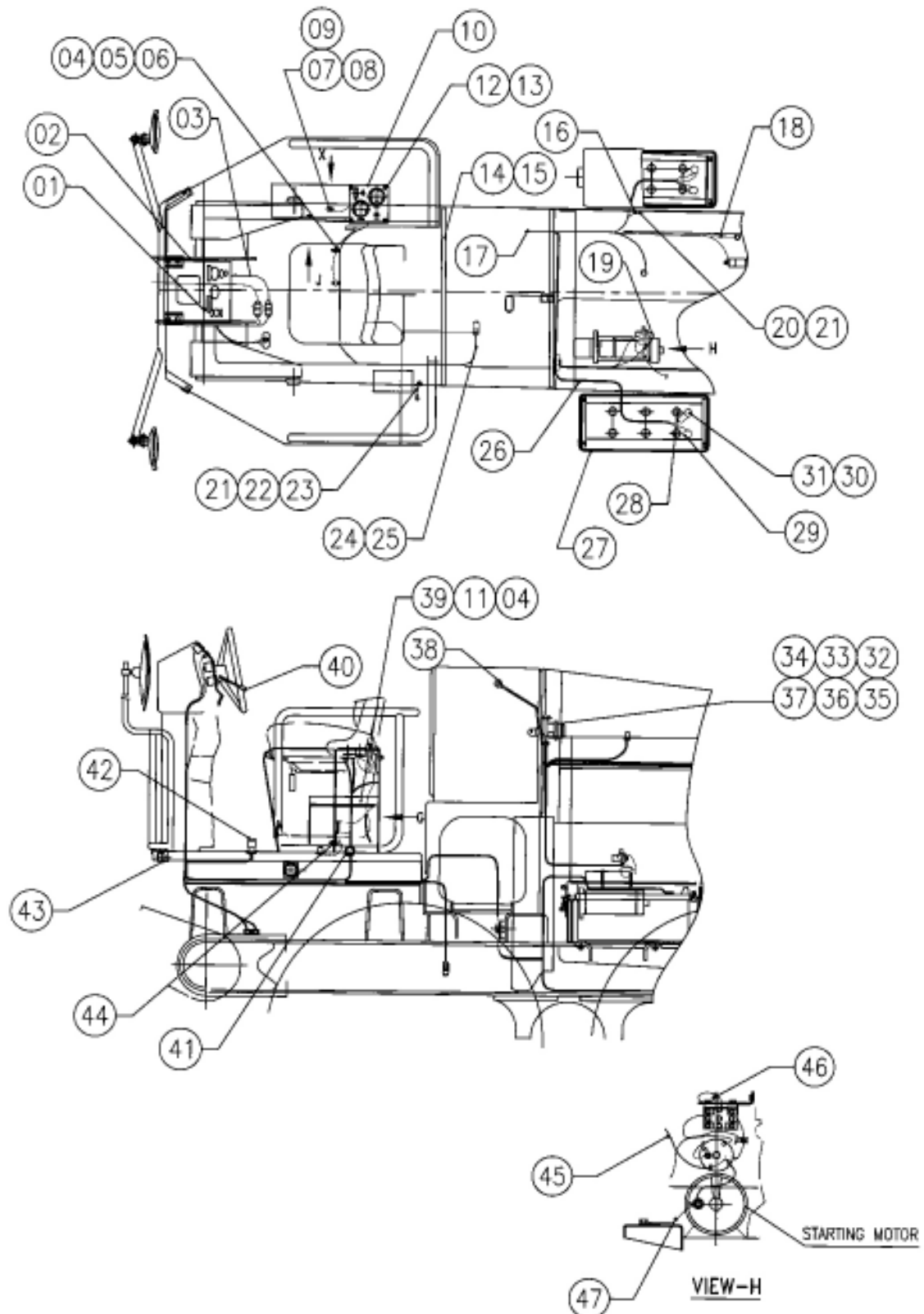
FIG NO. 15 ELECTRICAL SYSTEM (MIDDLE)



ELECTRICAL SYSTEM (MIDDLE)**FIG NO. 15**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
1	451 EG 03045	BRAKCET ASSY LH	1	
2	882800000014	RED REFLECTIVE TAPE	2Mtr	
3	451 EG 12158	BRACKET	2	
4	CFW01-10619	SPRING WASHER	29	
5	CPW00-06012	TAPPED PAD	4	
6	CFS01-10612	HEX.SCREW	11	
7	08074-40000	LIMIT SW	2	
8	CFW01-10410	SPRING WASHER	30	
9	CFS02-10412	CH.HEAD SCREW	14	
10	451 EG 11656	PLATE	1	
11	CFS01-10625	HEX.SCREW	13	
12	451 EG 02381	BOX	1	
13	CFS01-20830	HEX.SCREW	13	
14	451 EG 02843	WIRE HARNESS	1	
15	955 EG 11274	RELAY	2	
16	451 EG 02568	WIRE HARNESS	1	
17	451 EG 02851	WIRE HARNESS	1	
18	072501300010	HOUR METER CABLE	2	
19	451 EG 02705	CABLE ASSY	1	
20	CFW01-11030	SP.WASHER	18	
21	CFS01-21016	HEX.SCREW	2	
22	CFW01-10619	SPRING WASHER	29	
23	451 EG 02154	CABLE ASSY	1	
24	232 06 27100	ADAPTOR	1	
25	CFS01-10612	HEX.SCREW	11	
26	451 EG 02527	CABLE ASSY	1	
27	451 EG 02008	BATTERY BOX.ASSY	2	
28	451 EG 02162	CABLE ASSY	1	
29	CET04-02150	BATTERY TER.-VE	2	
30	451 EG 11461	CAP LARGE	8	
31	CET04-01175	BATTERY TER.+VE	2	
32	CFS02-10816	PLAIN WASHER	4	
33	CFW01-10825	WASHER	29	
34	451 EG 02592	WIRE HARNESS	1	
35	08088-20000	BATTERY RELAY	1	

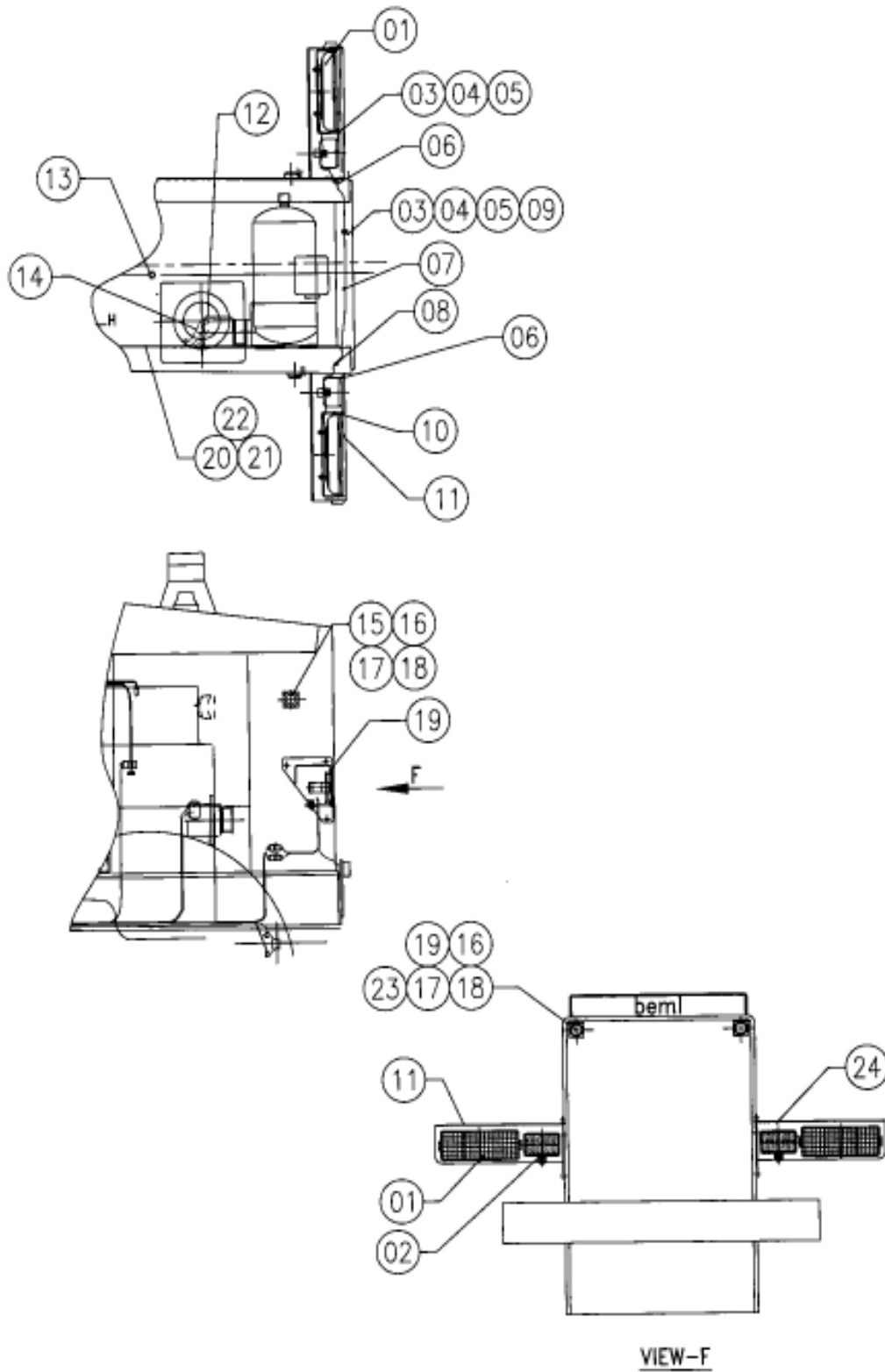
FIG NO. 15 ELECTRICAL SYSTEM (MIDDLE)



ELECTRICAL SYSTEM(MIDDLE)**FIG NO. 15**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
36	CFS01-20825	SCREW	2	
37	451 EG 02568	WIRE HARNESS	1	
38	451 EG 11915	SENSOR FUEL LEVEL	1	
39	787 EG 81157	SWITCH	3	
40	451 EG 02795	COMBINATION SWITCH	1	
41	451 EG 61933	GROMMET	1	
42	YES03-12400	FOOT DIMMER SW	1	
43	451 EG 11486	RED REFLECTOR	2	
44	451 EG 11615	GROMMET	1	
45	451 EG 02835	WIRE HARNESS	1	
46	451 EG 02876	WIRE HARNESS	1	
47	451 EG 02568	WIRE HARNESS	1	
48	451 EG 02162	WIRE HARNESS	1	

FIG NO.16 ELECTRICAL SYSTEM (REAR)



ELECTRICAL SYSTEM (REAR)**FIG NO. 16**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
1	451 EG 02746	COMBINATION LAMP	2	
2	451 EG 02713	WORK LAMP	2	
3	CCC05-08065	CLAMP	8	
4	CFN01-10652	NUT.HEX	15	
5	CFW01-10619	SPRING WASHER	29	
6	451 EG 11615	GROMMET	1	
7	451 EG 02892	WIRE HARNESS	1	
8	451 EG 02592	WIRE HARNESS	1	
9	CFS01-10625	HEX.SCREW	18	
10	935 EG 02289	BRAIDED CABLE	2	
11	451 EG 03037	BRACKET R.H	1	
12	451 EG 11453	CAP SMALL	3	
13	561842001500	SENSOR WASTER TEMP	2	
14	451 EG 02876	WIRE HARNESS	1	
15	451 EG 11997	AMBER REFLECTOR	10	
16	451 EG 11989	BRACKET	12	
17	CFN01-10432	HEX.NUT	56	
18	CFW02-10408	PLAIN WASHER	56	
19	451 EG 11486	RED REFLECTOR	2	
20	CCC05-22135	CLAMP	5	
21	CFS01-21225	HEX.SCREW	5	
22	CFW01-11236	SPRING WASHER	9	
23	CFS02-10416	CH.HEAD SCREW	56	
24	451 EG 03045	BRACKET ASSY LH	1	

FIG NO.19 BATTERY

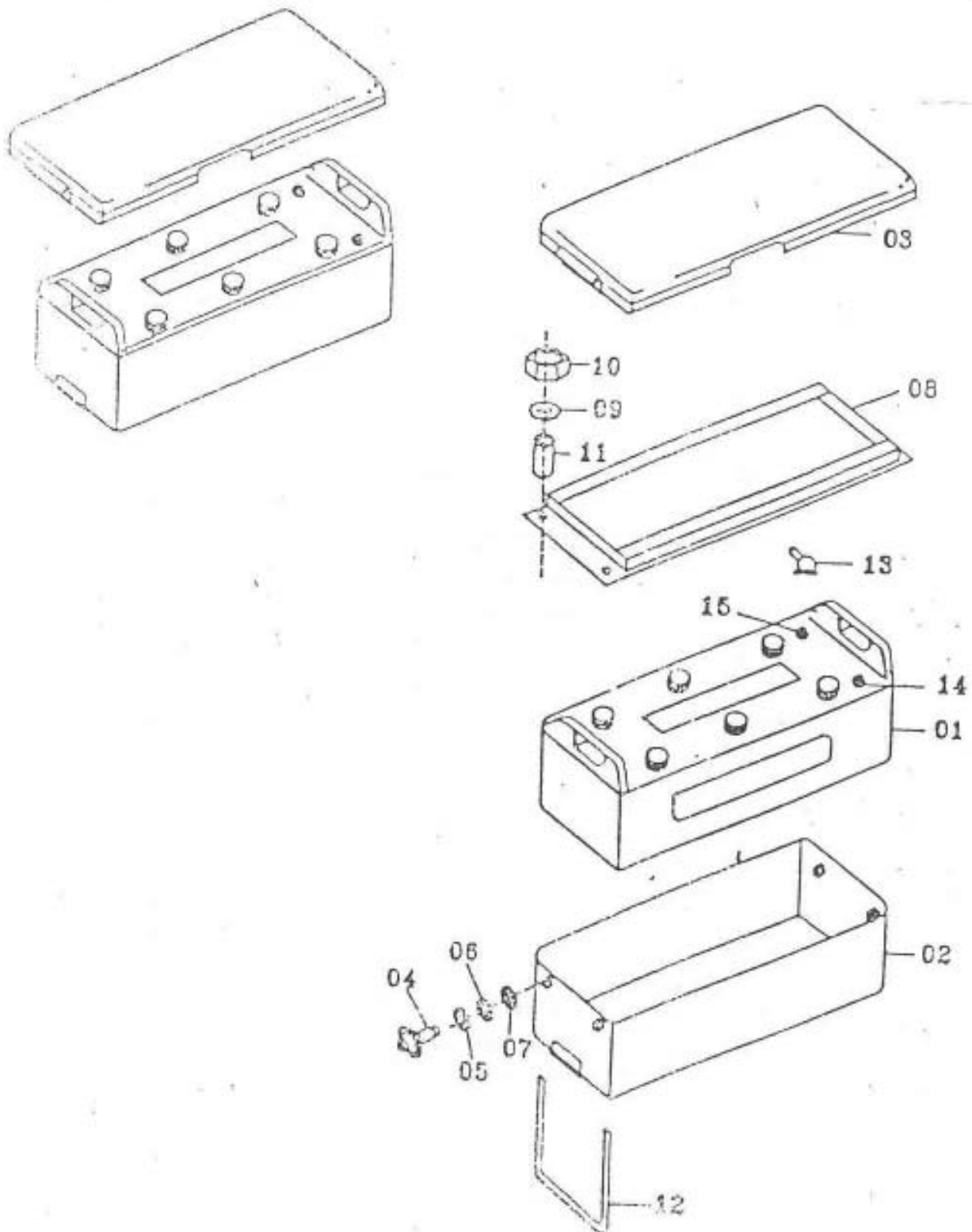
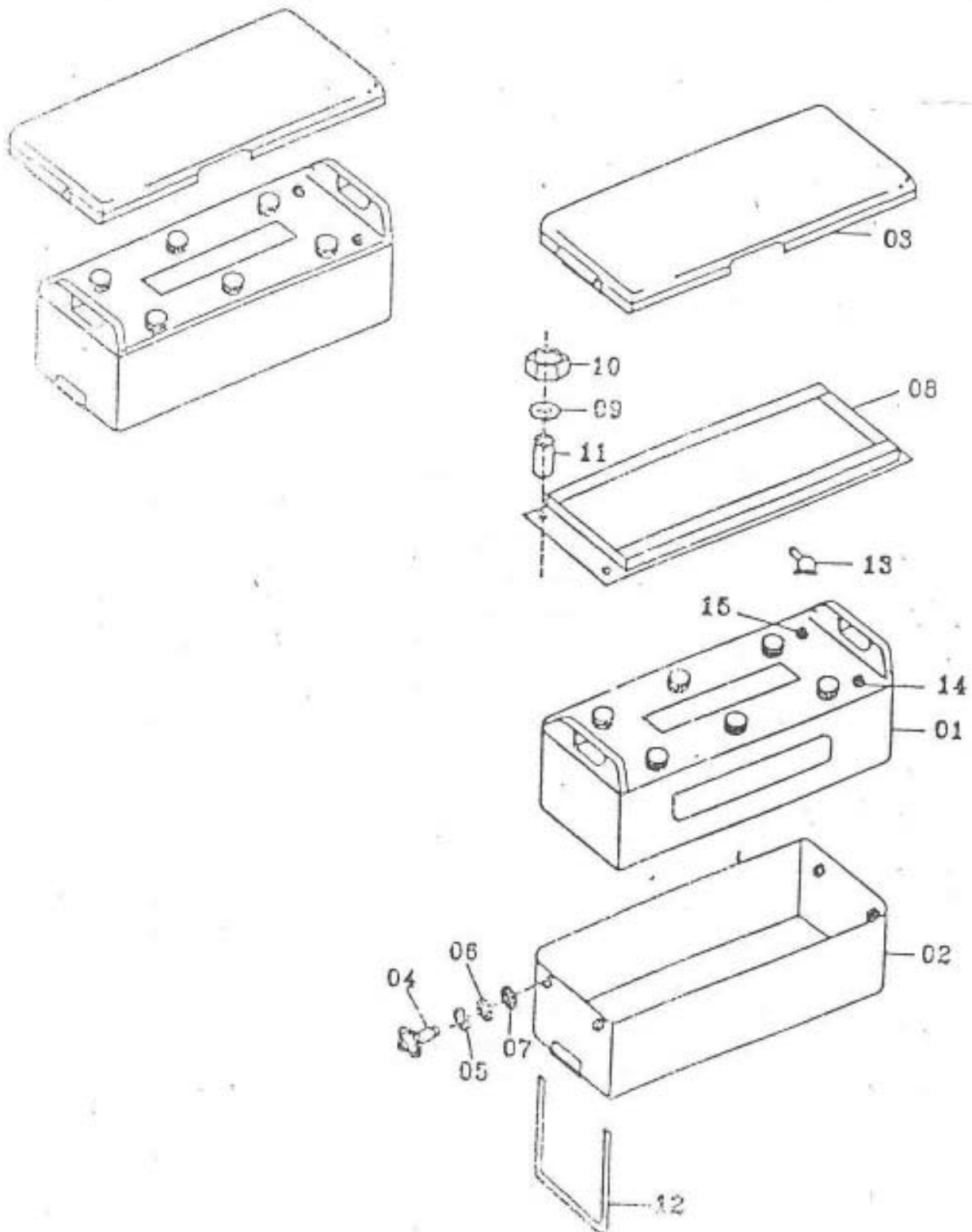


FIG NO.19 BATTERY

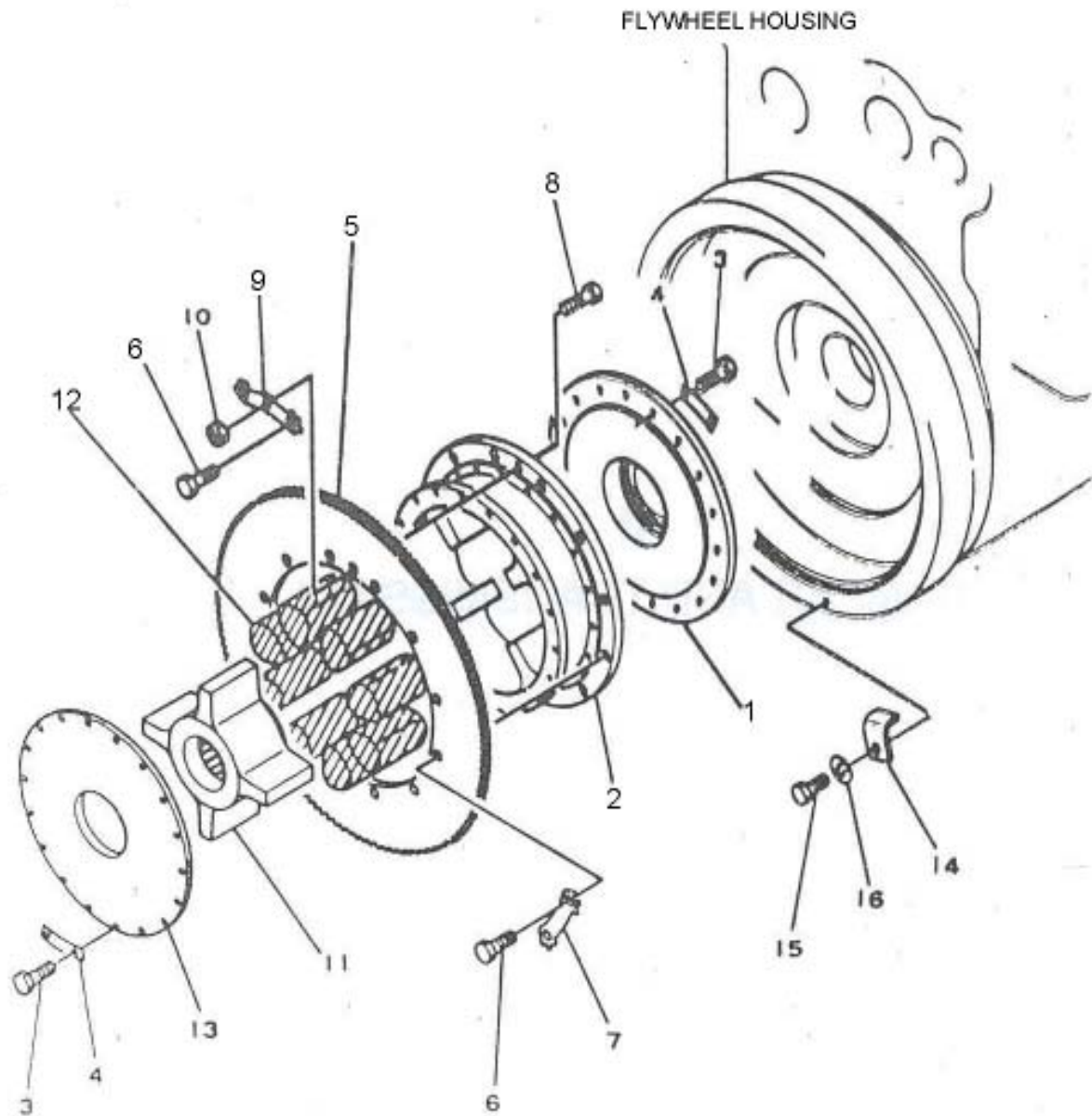


BATTERY**FIG NO. 19**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	CEB01-01200	BATTERY 12V	2	
02	451-EG-03004	BATTERY BOX.	2	
03	451-EG-03012	COVER ASSY.	2	
04	451-EG-11007	STAR GRIP	8	
05	CFW01-10825	SPRING WASHER	8	
06	CFW02-10816	PLAIN WASHER	8	
07	451-EG-61009	RUBBER WASHER	8	
08	451-EG-02016	HOLDER	2	
09	CFW01-10825	SPRING WASHER	8	
10	CFN01-22018	HEX. NUT	8	
11	451-EG-11631	SPACER	8	
12	451-EG-11648	U BOLT	4	
13	451-EG-11461	CAP LARGE	4	
14	CET04-01175	BATTERY TERMINAL+VE	2	
15	CET04-02160	BATTERY TERMINAL-VE	2	

II DAMPER & TRANSMISSION

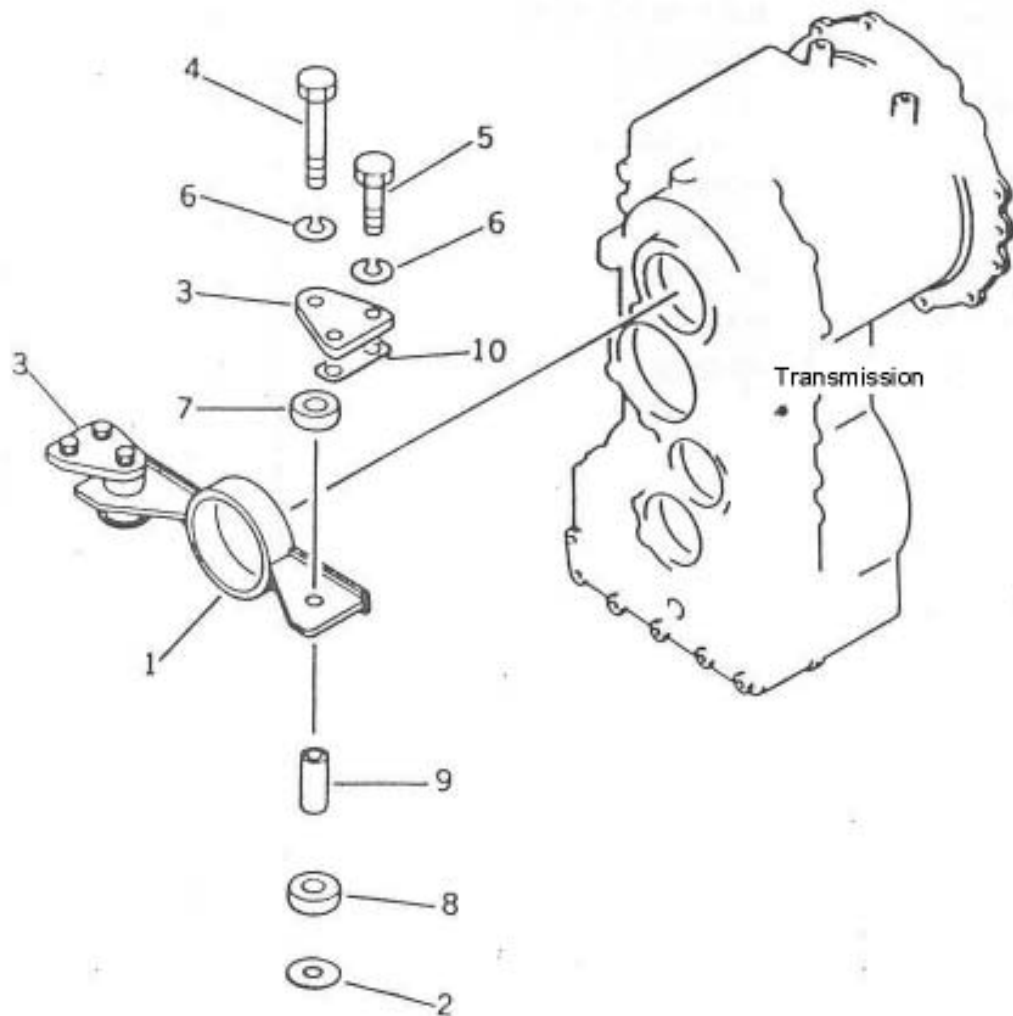
FIG NO. 23 DAMPER



DAMPER (451-DA-01001)**FIG NO. 23**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-DA-02014	FLANGE	1	
02	451-DA-11013	BODY (OUTER)	1	
03	CFS01-20620	SCREW	36	
04	451-DA-11095	LOCK PLATE	18	
05	451-DA-11062	GEAR	1	
06	CFB17-31230	BOLT	12	
07	451-DA-11087	LOCK PLATE	4	
08	CFB43-21040	BOLT (REAMER) ISO	2	
09	451-DA-11079	LOCK PLATE	2	
10	CFN19-31008	HEX. NUT (FINE)	2	
11	451-DA-11021	BODY (INNER)	1	
12	451-DA-61031	RUBBER	8	
13	451-DA-11054	FLANGE	1	
14	451-DA-11046	STOPPER	2	
15	CFS01-21220	BOLT	2	
16	CFW05-12032	WASHER	2	

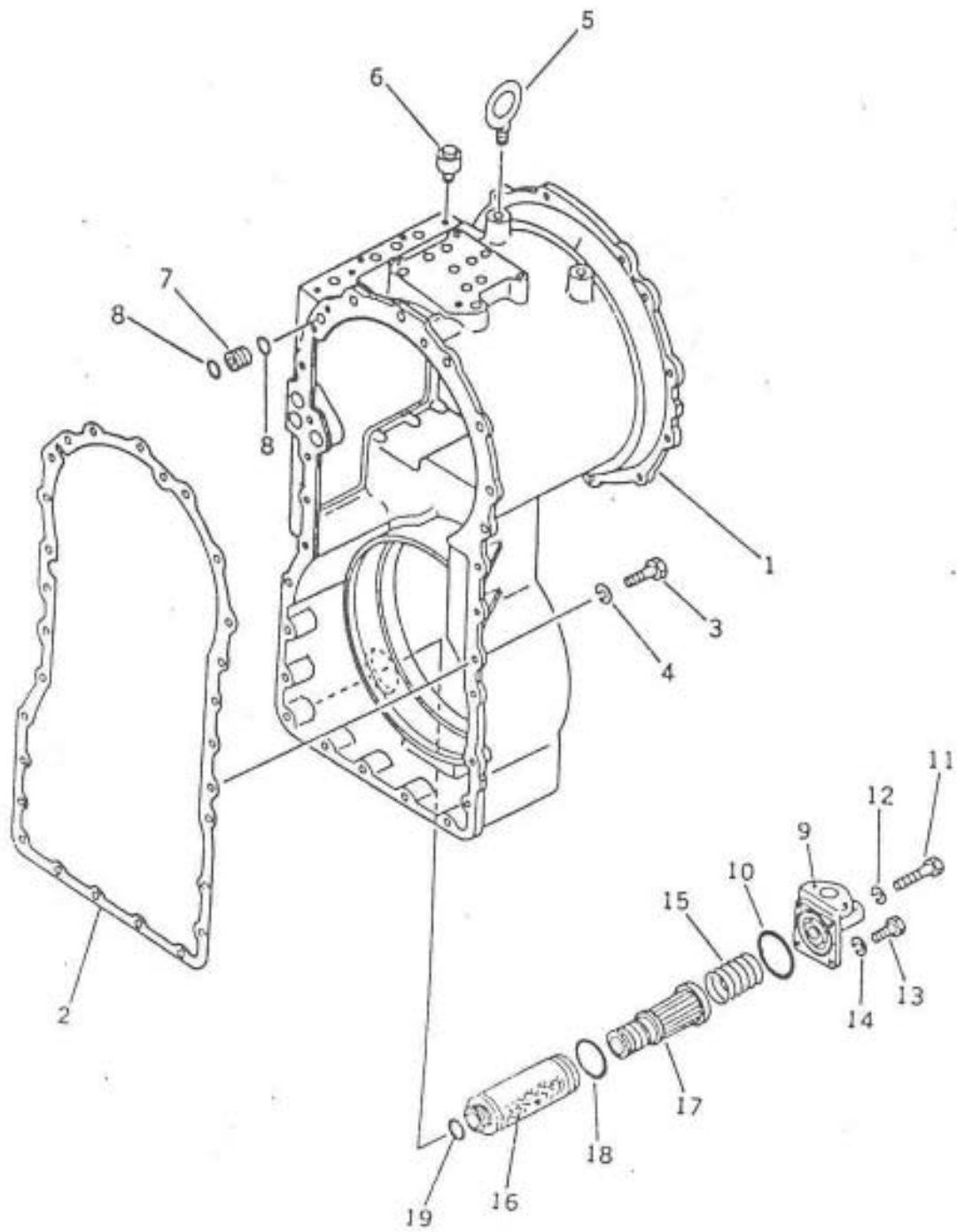
FIG NO. 24 HYDROSHIFT TRANSMISSION SUPPORT



HYDROSHIFT TRANSMISSION SUPPORT**FIG NO. 24**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-PT-02014	SUPPORT	1	
02	451-PT-02022	WASHER	2	
03	451-PT-11054	PLATE	2	
04	CFB02-21600	BOLT	2	
05	CFB01-21655	BOLT	4	
06	CFW05-16045	WASHER	6	
07	451-HP-61744	CUSHION	2	
08	451-HP-61752	CUSHION	2	
09	451-HP-11661	COLLAR	2	
10	451-PT-01001	SHIMASSY	2	
	451-PT-11021 *	SHIM 1.0	2	
	451-PT-11038 *	SHIM 0.5	2	
	451-PT-11046 *	SHIM 0.2	2	

FIG NO. 25 HYDROSHIFT TRANSMISSION CASE



HYDROSHIFT TRANSMISSION CASE**FIG NO. 25**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-TM-31188	CASE	1	
02	451-TM-61214	GASKET	1	
03	CFB07-21445	BOLT	12	
04	CFW01-11442	WASHER, SPRING	12	
05	CFB23-12027	BOLT	3	
06	CRB01-00252	BREATHER	1	
07	451-TM-11431	SLEEVE	2	
08	CHS01-12021	O RING	1	
09	113-TM-41403	COVER	1	
10	CHS01-02090	O RING	1	
11	451-TM-11164	BOLT	2	
12	CFW01-11030	WASHER, SPRING	2	
13	CFB01-21025	BOLT	2	
14	CFW01-11030	WASHER, SPRING	2	
15	113-TM-11393	SPRING	1	
16	113-TM-03017	CASE	1	
17	451-TM-91177	MAGNET ASSY.	1	
18	CHS01-02075	O RING	1	
19	CHS01-13045	O RING	1	

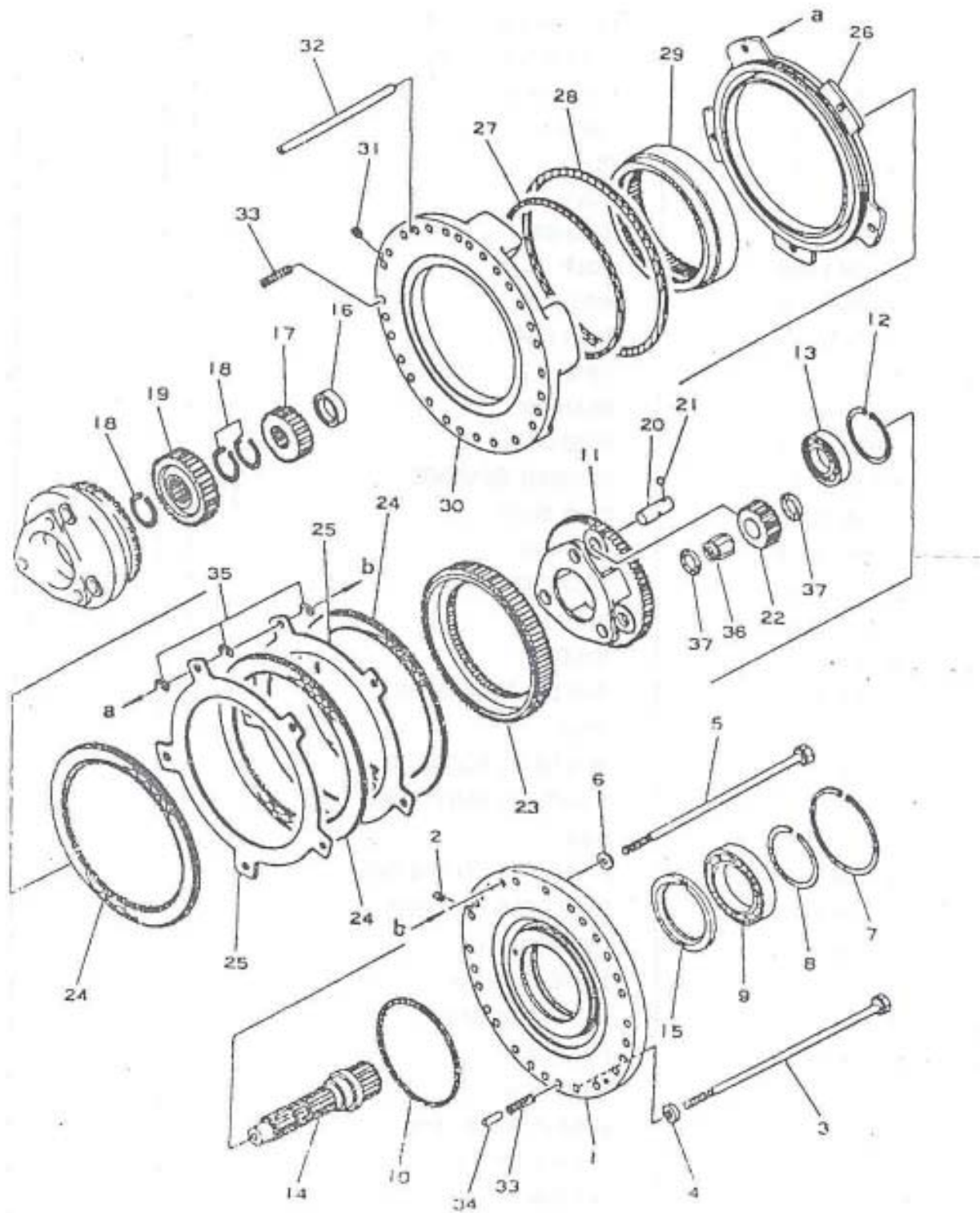
This exploded view diagram illustrates the assembly of a mechanical component, likely a pump or valve. The parts are numbered 1 through 37. The assembly includes a main housing (1) with a flange (2) and a central opening (3). A cover (4) is shown with a flange (5) and a central opening (6). A shaft (7) is shown with a key (8) and a nut (9). A seal (10) is shown with a flange (11) and a central opening (12). A gasket (13) is shown with a flange (14) and a central opening (15). A nut (16) is shown with a flange (17) and a central opening (18). A bolt (19) is shown with a flange (20) and a central opening (21). A washer (22) is shown with a flange (23) and a central opening (24). A seal (25) is shown with a flange (26) and a central opening (27). A gasket (28) is shown with a flange (29) and a central opening (30). A nut (31) is shown with a flange (32) and a central opening (33). A bolt (34) is shown with a flange (35) and a central opening (36). A washer (37) is shown with a flange (38) and a central opening (39).

HYDROSHIFT TRANSMISSION REVERSE GEAR

FIG NO. 26

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-TM-03161	REV. CARRIER ASSY.	1	
	451-TM-03186	HOUSING ASSY REV.	1	
	451-TM-03153	CAGE ASSY	1	
01	451-TM-41329 *	CAGE	1	
02	113-TM-11109 *	PLUG	1	
03	451-TM-11375	BOLT	6	
04	125-TM-12845	WASHER	6	
05	451-TM-11383	BOLT	3	
06	125-TM-12845	WASHER	3	
07	CFL06-10150	RING, SNAP	1	
08	CFL03-10110	RING	1	
09	CBB00-06922	BEARING	1	
10	CSR01-02005	RING, SEAL	1	
11	451-TM-31771	CARRIER, REVERSE	1	
12	CFL06-10090	RING SNAP	1	
13	CBB00-06210	BEARING	1	
14	451-TM-11537	SHAFT T/M INPUT	1	
15	451-TM-11886	SPACER	1	
16	451-TM-11594	SPACER	1	
17	451-TM-51657	SUN GEAR REVERSE	1	
18	CFL01-14518	RING	3	
19	451-TM-51624	SUN GEAR FORWARD	1	
20	451-TM-11861	SHAFT REV PLNT PINNIO	3	
21	CBZ01-00635	BALL	3	
22	451-TM-51827	PINION REV PLANETARY	3	
23	451-TM-51949	RING GEAR REVERSE	1	
24	451-TM-91152	DISC REVERSE	3	
25	451-TM-11131	PLATE REVERSE	2	
26	451-TM-31999	PISTON REVERSE	1	
27	985-TM-61116	RING SEAL	1	
28	451-TM-91144	RING SEAL	1	
29	451-TM-51924	RING GEAR REVERSE	1	
	451-TM-03178	HOUSING ASSY	1	
30	451-TM-11301 *	HOUSING	1	
31	380-CV-11211 *	PLUG	1	
32	451-TM-11415	PIN	5	

FIG NO. 26 HYDROSHIFT TRANSMISSION REVERSE GEAR

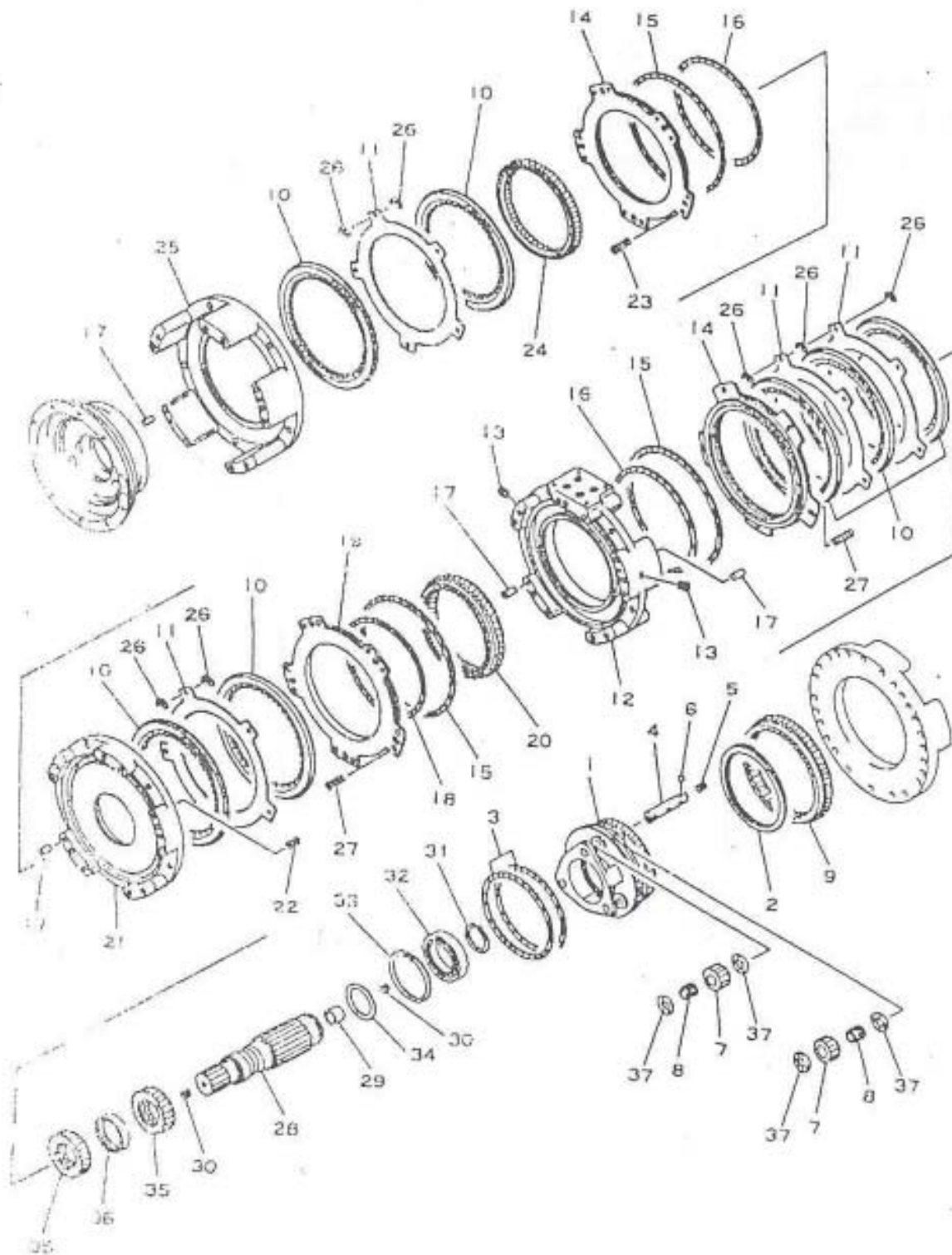


HYDROSHIFT TRANSMISSION REVERSE GEAR **FIG NO. 26**

FIG NO. 26

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
33	451-TM-11083	SPRING	20	
34	CFP04-01228	PIN DOWEL	4	
35	125-TM-93457	SPRING	15	
36	CBX01-02932	BEARING	1	
37	451-TM-13749	WASHER	2	

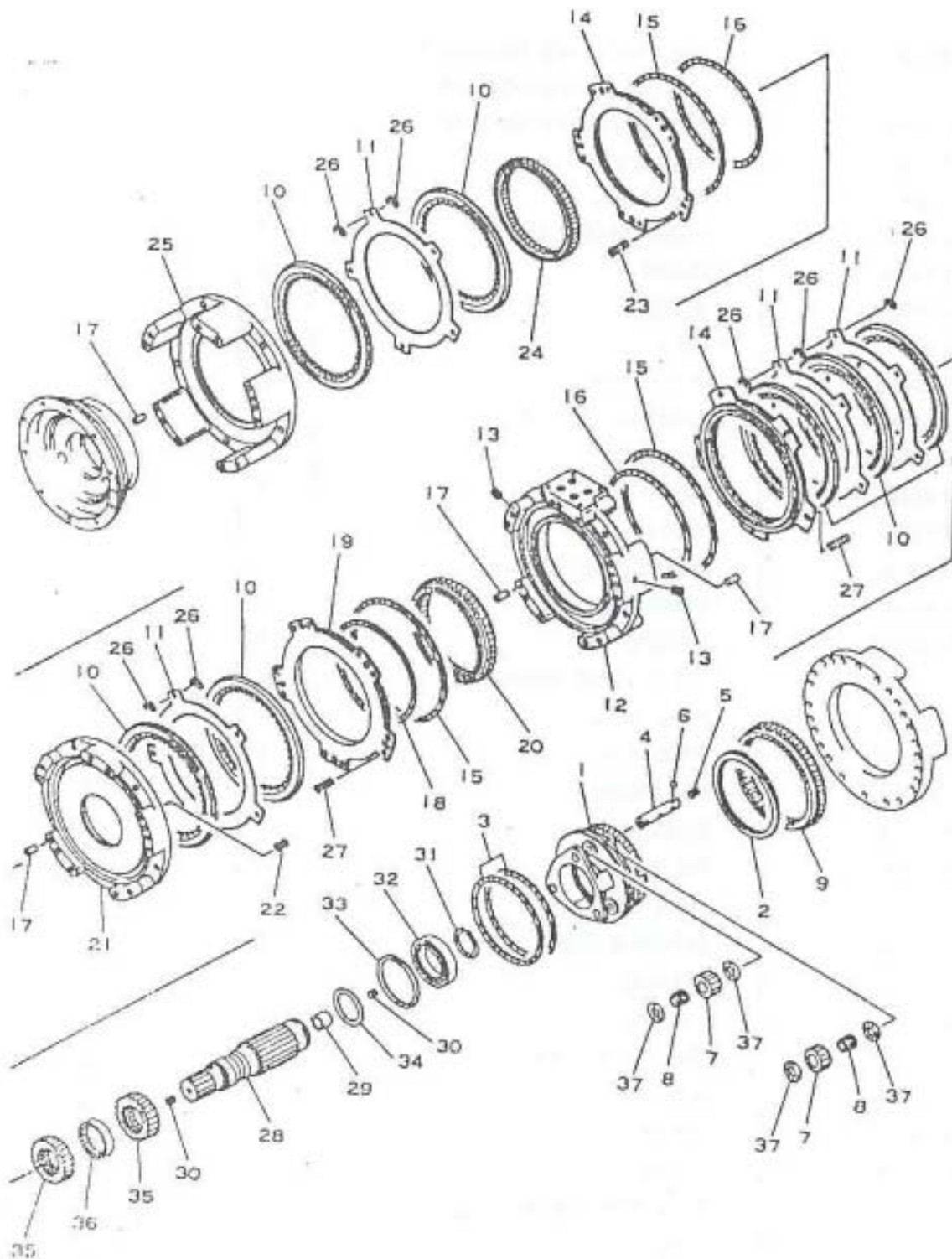
FIG NO. 27 HYDROSHIFT TRANSMISSION FORWARD 2nd & 3rd GEAR



HYDROSHIFT TRANSMISSION FORWARD 2nd & 3rd GEAR
FIG NO. 27

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-TM-03201	HSG FWD & 3RD GEAR ASSY	1	
	451-TM-03234	FWD & 2-3 PINION CAR AS	1	
01	451-TM-31747	CARRIER 3rd FORWARD	1	
02	985-TM-11147	RING, SNAP	1	
03	CSR01-02455	RING, SEAL	1	
	451-TM-03226	PINION SHAFT ASSY	3	
04	451-TM-11853 *	SHAFT	3	
05	125-TM-13728 *	SCREW	3	
06	CBZ01-00635 *	BALL	3	
07	451-TM-51819	GEAR, PINION	6	
08	CBX01-02932	BEARING	6	
09	451-TM-51916	RING, GEAR	1	
10	451-TM-91152	DISC	7	
11	451-TM-11131	PLATE	4	
	451-TM-03194	HOUSING ASSY	1	
12	451-TM-41289 *	HOUSING	1	
13	125-TM-13728 *	SCREW	2	
14	451-TM-31974	PISTON 2nd FORWARD	2	
15	451-TM-91144	RING, SEAL	3	
16	985-TM-61124	RING, SEAL	2	
17	CBF04-12228	PIN DOWEL	8	
18	985-TM-61116	RING, SEAL	1	
19	451-TM-31999	PISTON 3rd	1	
20	451-TM-51908	RING, GEAR 3rd	1	
21	451-TM-31122	HOSING 2nd	1	
22	CPF43-01430	SLEEVE	9	
23	451-TM-11091	SPRING	10	
24	451-TM-51892	RING GEAR 2nd	1	
25	451-TM-31244	HOUSING 1st	1	
26	125-TM-93457	SPRING	35	
27	451-TM-11091	SPRING	10	
	451-TM-03218	TRAN INPUT SHAFT ASSY	1	
28	451-TM-11545 *	SHAFT	1	
29	CSB02-03525 *	BUSHING	1	
30	451-TM-11107 *	SCREW	2	
31	CFL01-18025	RING, SNAP	1	

FIG NO.27 HYDROSHIFT TRANSMISSION FORWARD 2nd & 3rd GEAR



HYDROSHIFT TRANSMISSION FORWARD 2nd & 3rd GEAR**FIG NO.27**

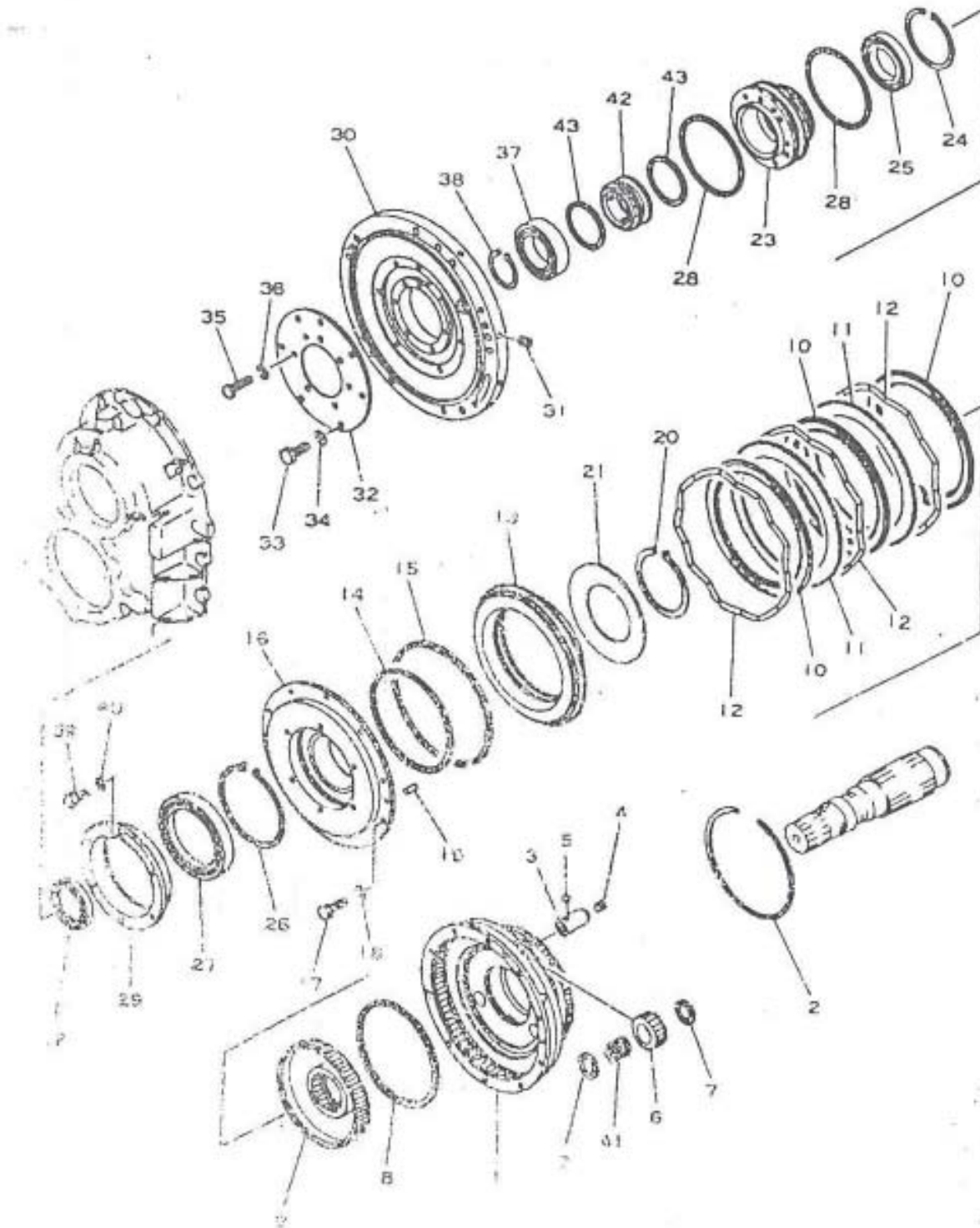
SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
32	CBB00-06016	BEARING	1	
33	CFL06-10125	RING, SNAP	1	
34	451-TM-11586	SPACER	1	
35	451-TM-51616	GEAR 2nd & 3rd SUN	2	
36	451-TM-11578	SPACER	1	
37	451-TM-13749	THRUST WASHER	12	

HYDROSHIFT TRANSMISSION 1st GEAR

FIG NO.28

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-TM-31722	CARRIER, 2ND	1	
02	451-TM-13676	RING, SNAP	1	
	451-TM-03356	PLANT PNN SHAFT ASSY 2N	3	
03	451-TM-11845 *	SHAFT	1	
04	125-TM-13728 *	SCREW	3	
05	CBZ01-00635 *	BALL	3	
06	451-TM-51802	GEAR, 2ND PLNT PINION	3	
07	451-TM-13749	THRUST WASHER	6	
08	985-TM-11147	RING SANP	2	
09	451-TM-51681	GEAR 1ST	1	
10	451-TM-91055	DISC 1st	3	
11	451-TM-11959	PLAATE 1st	2	
12	451-TM-12217	SPRING 1st	3	
13	451-TM-52037	PISTON 1st	1	
14	451-TM-93631	RING, SEAL	1	
15	451-TM-93623	RING, SEAL	1	
16	451-TM-52134	CAGE	1	
17	CFS01-31230	SCREW	10	
18	CFW01-11236	WASHER, SPRING	10	
19	CFB04-01228	PIN, DOWEL	4	
20	CFN03-10120	RING SNAP	1	
21	451-TM-12193	SPRING	1	
22	451-TM-11561	SPACER	1	
23	451-TM-52094	CAGE	1	
24	CFL04-10115	RING SNAP	1	
25	CBB00-06015	BEARING	1	
26	CFL03-10130	RING SNAP	1	
27	CBB00-06926	BEARING	1	
28	CSR01-21706	RING SEAL	2	
29	451-TM-52118	CAGE	2	
	451-TM-03364	HOUSING ASSY IST GEAR	1	
30	451-TM-31228	HOUSING	1	
31	125-TM-13736	SCREW	5	
32	451-TM-12071	PLATE	1	
33	CFS01-31020	SCREW	7	
34	CFW01-11030	WASHER SPRING	7	
35	CFB01-21050	BOLT	7	

FIG NO. 28 HYDROSHIFT TRANSMISSION 1st GEAR

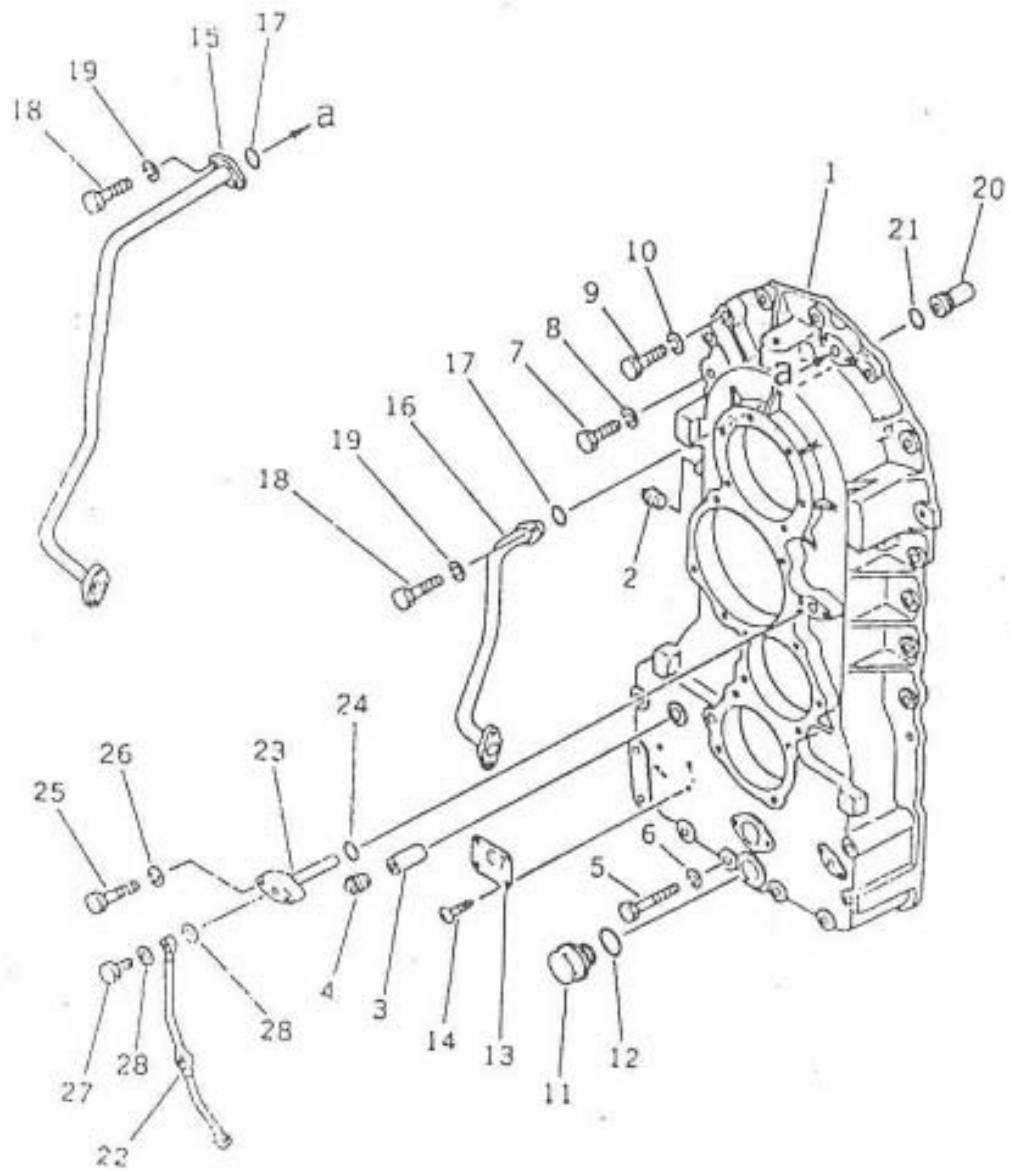


HYDROSHIFT TRANSMISSION 1st GEAR

FIG NO.28

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
36	CFW01-11030	WASHER, SPRING	7	
37	451-TM-93656	BEARING	1	
38	CFL01-17525	RING, SNAP	1	
39	CFS01-30616	SCREW	6	
40	CFW01-10619	WASHER, SPRING	6	
41	CBX01-02925	BEARING	3	
42	451-TM-11553	COLLAR	1	
43	CSR01-01004	RING, SEAL	2	

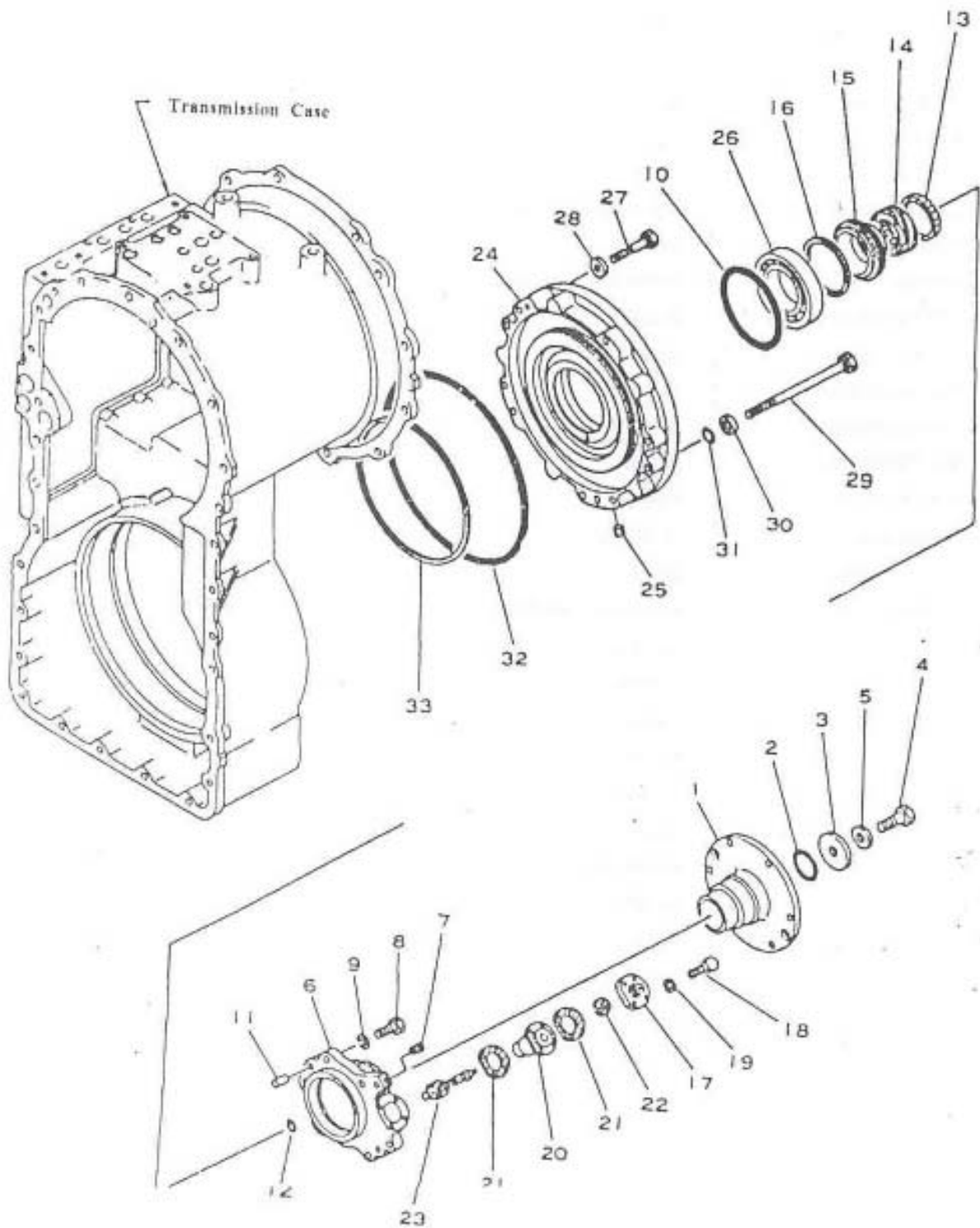
FIG NO. 29 HYDROSHIFT TRANSFER



HYDROSHIFT TRANSFER**FIG NO.29**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-TM-32232	CASE	1	
02	CPL01-10810	PLUG	1	
03	451-TM-11448	SLEEVE	1	
04	CPL01-11726	PLUG	1	
05	CFB08-21465	BOLT	9	
06	CFW01-11442	WASHER, SPRING	9	
07	CFB07-21440	BOLT	4	
08	CFW01-11442	WASHER, SPRING	4	
09	CFB07-21470	BOLT	2	
10	CFW01-11442	WASHER, SPRING	2	
11	CPL03-13620	PLUG	1	
12	CHS03-03634	O RING	1	
13	CDP02-05080	PLATE	1	
14	CFS33-03060	SCREW	4	
15	451-TM-03023	TUBE	1	
16	451-TM-03015	TUBE	1	
17	CHS01-13025	O RING	4	
18	CFB01-21030	BOLT	8	
19	CFW01-11030	WASHER, SPRING	8	
20	451-TM-11456	SLEEVE	1	
21	CHS01-13030	O RING	1	
22	451-TM-03031	TUBE	1	
23	451-TM-03048	TUBE	1	
24	CHS01-13025	O RING	1	
25	CFB01-21045	BOLT	2	
26	CFW01-11030	WASHER, SPRING	2	
27	CPF12-11014	JOINT	3	
28	CPF06-01412	GASKET	6	

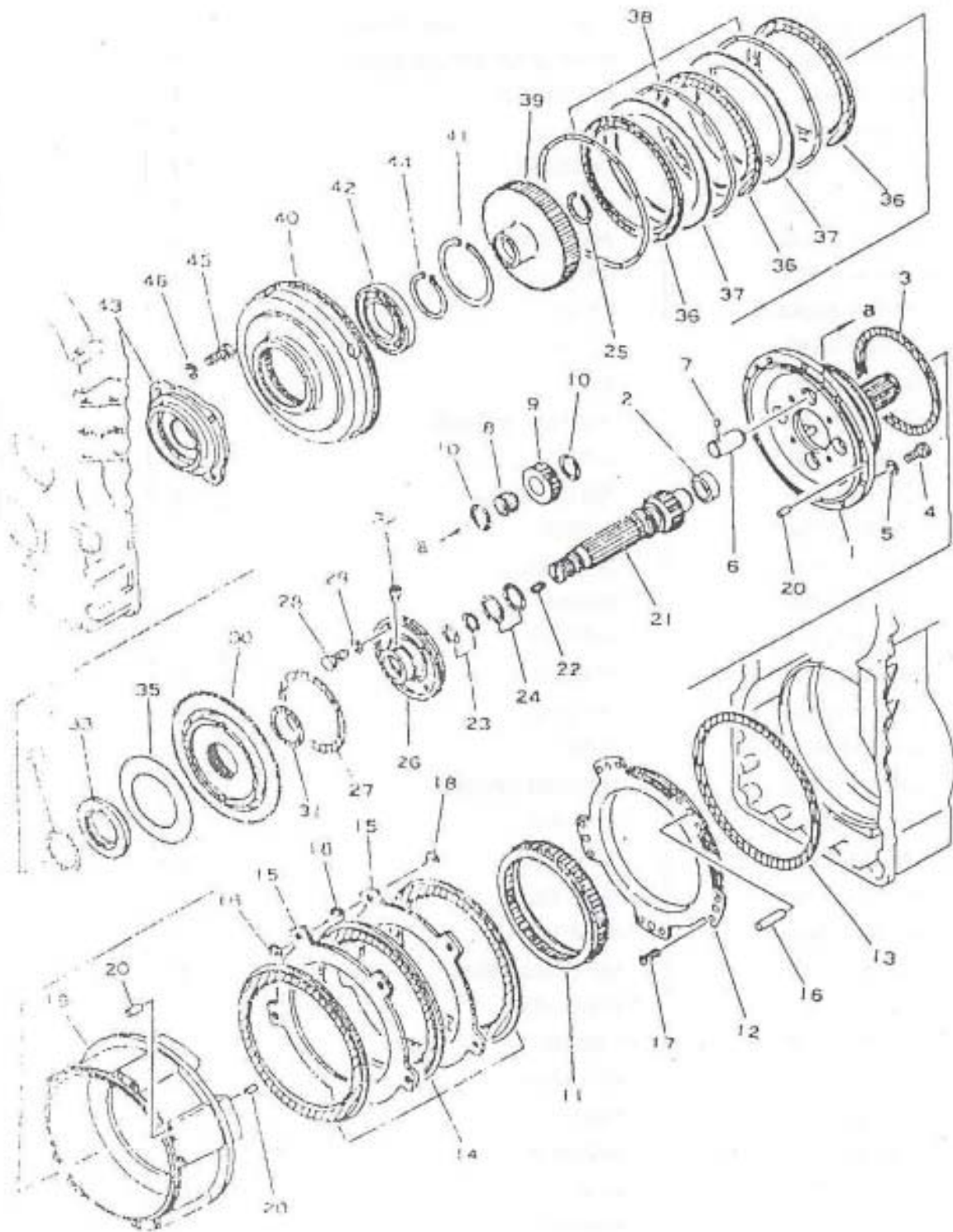
FIG NO. 30 HYDROSHIFT TRANSMISSION OUTPUT SHAFT (1/2)



HYDROSHIFT TRANSMISSION OUTPUT SHAFT (1/2)
FIG NO. 30

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-TM-03372	T/M OUTPUT CAGE ASSY.	1	
	451-TM-03389	HIGH CLUTCH HSG ASSY.		
01	451-TM-52467	COUPLING	1	
02	CHS01-05055	O RING	1	
03	451-TM-12485	HOLDER	1	
04	CFB01-21680	BOLT	1	
05	CFW05-16045	WASHER	1	
	451-TM-03267	CAGE ASSY.	1	
06	451-TM-32549 *	CAGE	1	
07	CPL01-10810 *	PLUG	1	
08	CFS01-31235	SCREW	6	
09	CFW01-11236	WASHER, SPRING	6	
10	CHS01-05150	O RING	1	
11	CFP04-01228	PIN DOWEL	2	
12	CHS01-11008	O RING	1	
13	CHS07-10075	SEAL OIL	1	
14	451-TM-52589	WORM	1	
15	451-TM-52564	SPACER	1	
16	CSR01-01155	RING, SEAL	1	
17	451-TM-12622	FLANGE	1	
18	CFB01-20635	BOLT	4	
19	CFW01-10619	WASHER, SPRING	4	
20	451-TM-32605	BUSHING	1	
21	451-TM-62632	GASKET	2	
22	451-TM-91128	SEAL, OIL	1	
23	451-TM-12599	SHAFT	1	
	451-TM-03112	HOUSING ASSY.	1	
24	451-TM-31358 *	HOUSING	1	
25	125-TM-13728 *	SCREW	1	
26	CBB00-06216	BEARING	1	
27	451-TM-11407	BOLT	3	
28	451-TM-11529	WASHER	3	
29	451-TM-11391	BOLT	6	
30	451-TM-11529	WASHER	6	
31	CHS03-02014	O RING	9	
32	CHS01-05048	O RING	1	
33	985-TM-61116	RING, SEAL	1	

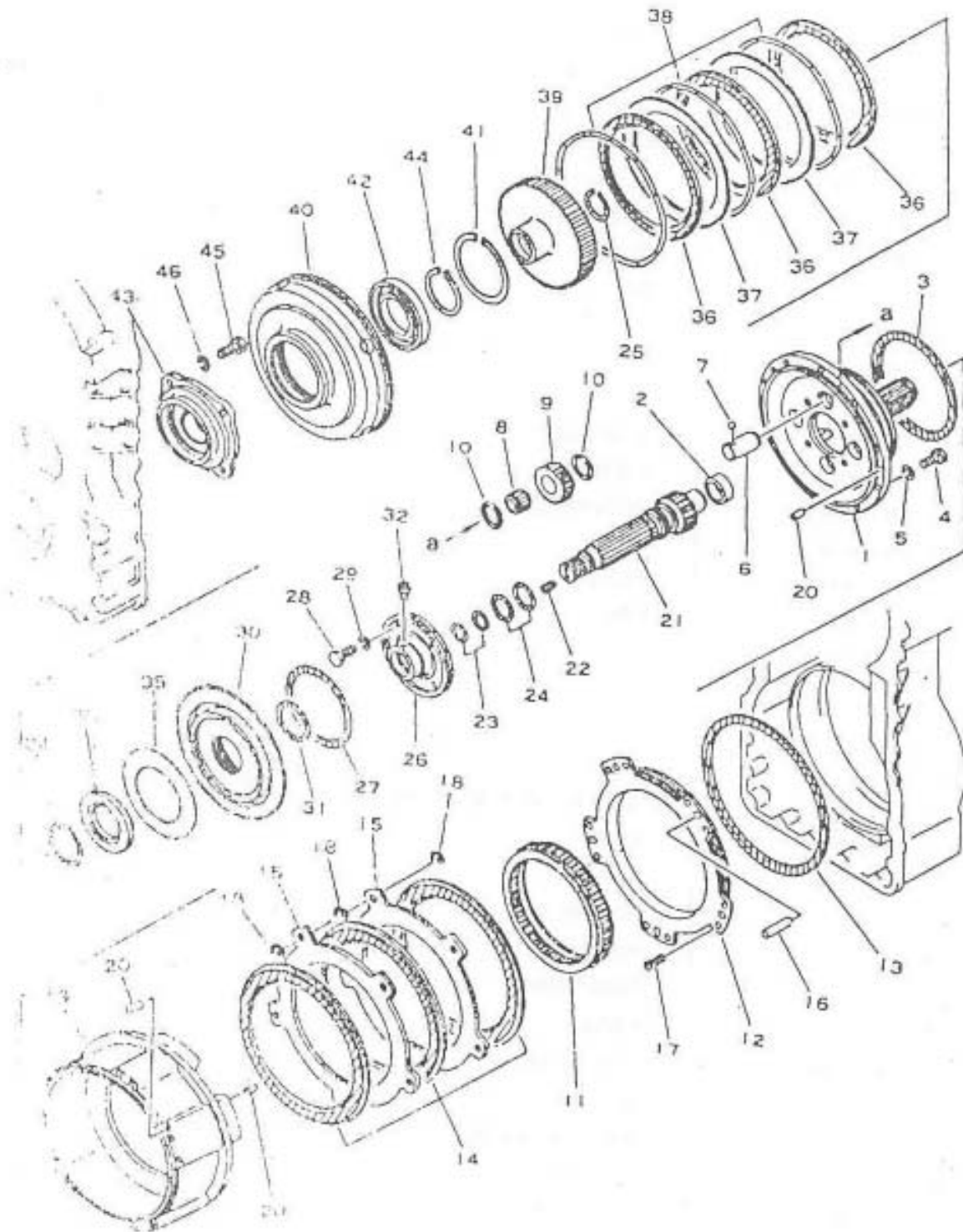
FIG NO. 31 HYDROSHIFT TRANSMISSION OUTPUT SHAFT (2/2)



HYDROSHIFT TRANSMISSION OUTPUT SHAFT (2/2)
FIG NO.31

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-TM-03404	LOW CARRIER ASSY.	1	
	451-TM-03397	CARRIER ASSY.	1	
01	451-TM-03056 *	CARRIER	1	
02	CSB02-04530 *	BUSHING	1	
03	CSR01-31230	RING SEAL	1	
04	CFS01-31230	SCREW	10	
05	CFW01-11236	WASHER, SPRING	10	
06	451-TM-11878	SHAFT PINION	4	
07	CBZ01-00635	BALL	4	
08	CBX01-03832	BEARING	4	
09	451-TM-51835	PINION	4	
10	451-TM-13757	WASHER THRUST	8	
11	451-TM-51916	RING GEAR	1	
12	451-TM-32013	PISTON	1	
13	451-TM-63612	RING, SEAL	1	
14	451-TM-91152	DISC	3	
15	451-TM-11131	PLATE	2	
16	451-TM-11423	PIN	5	
17	451-TM-11083	SPRING	10	
18	125-TM-93457	SPRING	15	
19	451-TM-31341	HOUSING	1	
20	CFP04-01228	PIN, DOWEL	4	
	451-TM-03323	HI-LOW INPUT SHAFT ASSY.	1	
21	451-TM-51666 *	SHAFT	1	
22	125-TM-13728 *	SCREW	1	
23	CSR01-20452	RING SEAL	2	
24	CSR01-20603	RING SEAL	2	
25	CFL01-15520	RING SNAP	1	
26	451-TM-52175	CAGE	1	
27	985-TM-61132	RING, SEAL	1	
28	CFS01-30820	SCREW	4	
29	CFW01-10825	WASHER, SPRING	4	
30	451-TM-52053	PISTON	1	
31	451-TM-63645	RING, SEAL	1	
32	451-TM-12185	PIN	1	
33	451-TM-13716	CAGE	1	
34	CFL01-17525	RING, SNAP	1	

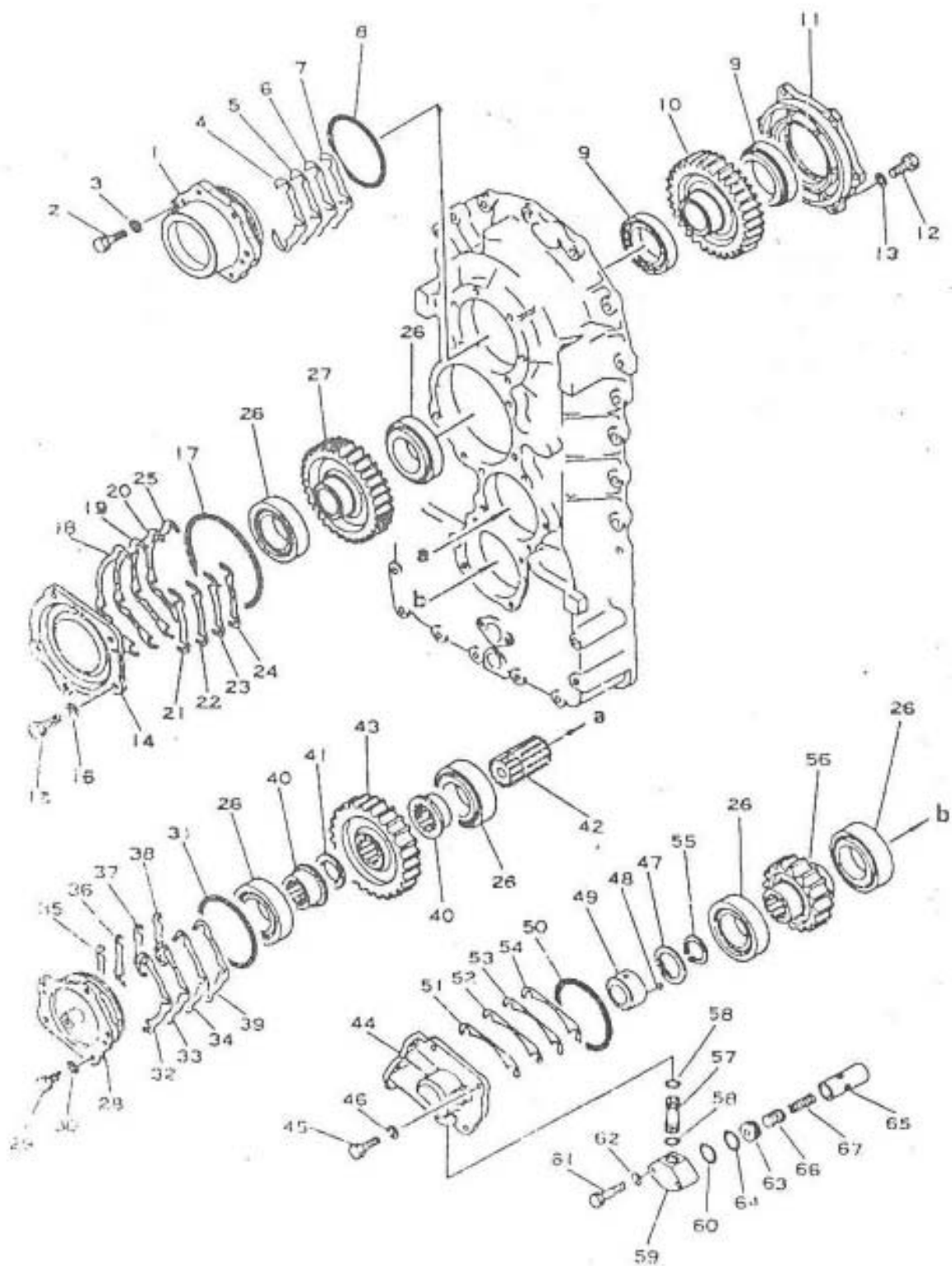
FIG NO. 31 HYDROSHIFT TRANSMISSION OUTPUT SHAFT (2/2)



HYDROSHIFT TRANSMISSION OUTPUT SHAFT (2/2)**FIG NO. 31**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
35	451-TM-12209	SPRING	1	
36	451-TM-91055	DISC	3	
37	451-TM-11959	PLATE	2	
38	451-TM-12217	SPRING	3	
39	451-TM-51713	GEAR HIGH	1	
40	451-TM-52142	DRUM HIGH	1	
41	CFL06-10140	RING, SNAP	1	
42	451-TM-93664	BEARING	1	
43	451-TM-32346	CAGE	1	
44	CFL01-19030	RING, SNAP	1	
45	CFS01-31230	SCREW	4	
46	CFW01-11236	WASHER SPRING	4	

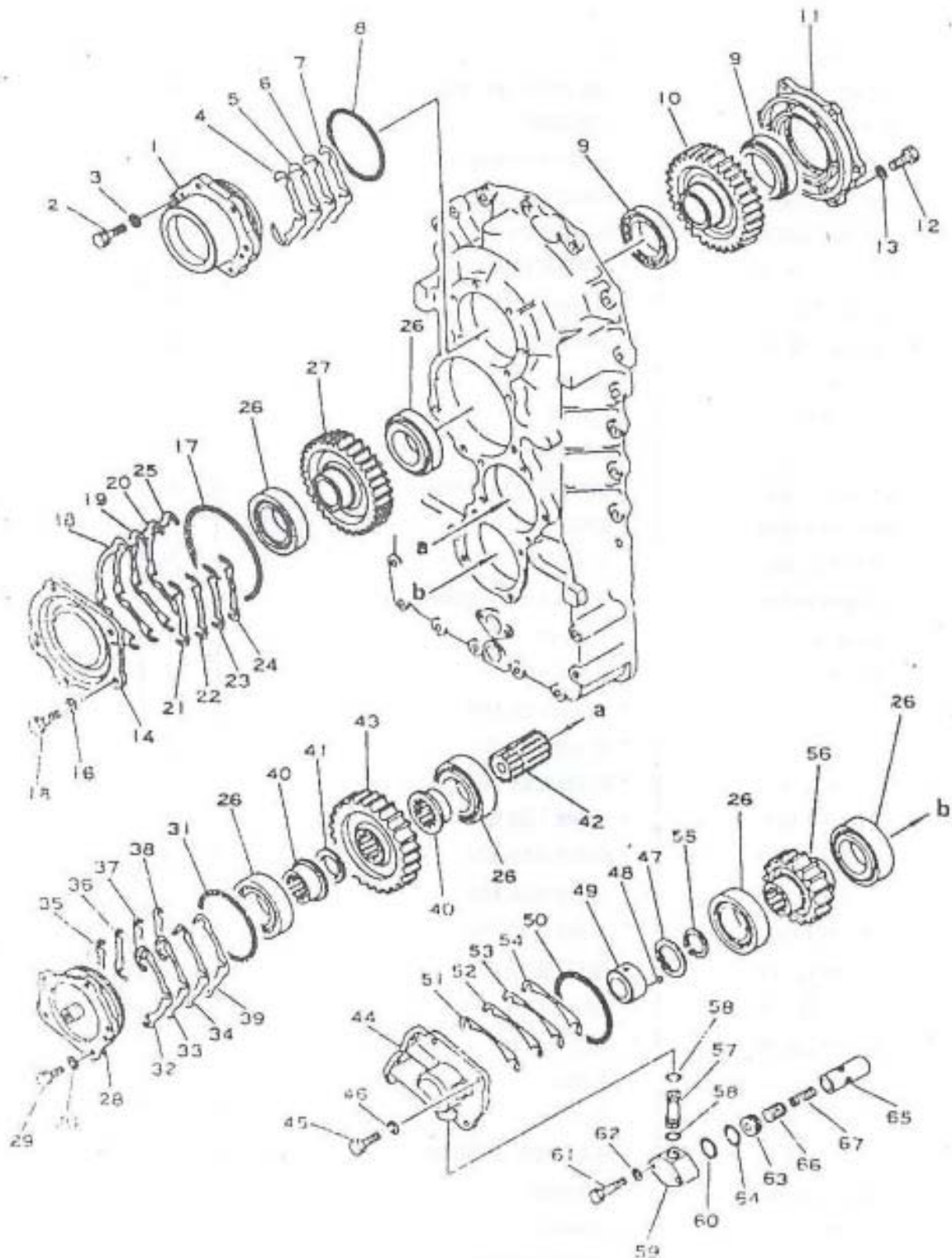
FIG NO. 32 HYDROSHIFT TRANSFER GEAR



HYDROSHIFT TRANSFER GEAR**FIG NO. 32**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-TM-32274	CAGE	1	
02	CFB07-21440	BOLT	6	
03	CFW01-11442	WASHER, SPRING	6	
	451-TM-03242	SHIM KIT	1	
04	451-TM-12841 *	SHIM 1mm	4	
05	451-TM-12858 *	SHIM 0.3mm	6	
06	451-TM-12866 *	SHIM 0.2mm	4	
07	451-TM-12874 *	SHIM 0.15mm	1	
08	CHS01-05150	O RING	1	
09	CBT02-32017	BEARING	2	
10	451-TM-52353	GEAR	1	
11	451-TM-32257	CAGE	1	
12	CFS01-31235	SCREW	6	
13	CFW01-11236	WASHER, SPRING	6	
14	451-TM-32281	CAGE	1	
15	CFS01-31235	SCREW	5	
16	CFW01-11236	WASHER, SPRING	5	
17	CHS01-05195	O RING	1	
	451-TM-03259	SHIM KIT	1	
18	451-TM-12647*	SHIM 1mm	2	
19	451-TM-12655*	SHIM 0.3mm	3	
20	451-TM-12663*	SHIM 0.2mm	2	
21	451-TM-12671*	SHIM 1mm	2	
22	451-TM-12688*	SHIM 0.3mm	3	
23	451-TM-12696*	SHIM 0.2mm	2	
24	451-TM-12703*	SHIM 0.15mm	1	
25	451-TM-12711*	SHIM 0.15mm	1	
26	CBB00-32215	BEARING	6	
27	451-TM-52378	GEAR	5	
28	451-TM-31313	CAGE	1	
29	CFS01-31235	SCREW	1	
30	CFW01-11236	WASHER, SPRING	5	
31	CHS01-02145	O RING	1	
	451-TM-03331	SHIM KIT	1	
32	451-TM-12728*	SHIM 1mm	2	
33	451-TM-12736*	SHIM 0.3mm	3	
34	451-TM-12744*	SHIM 0.2mm	2	

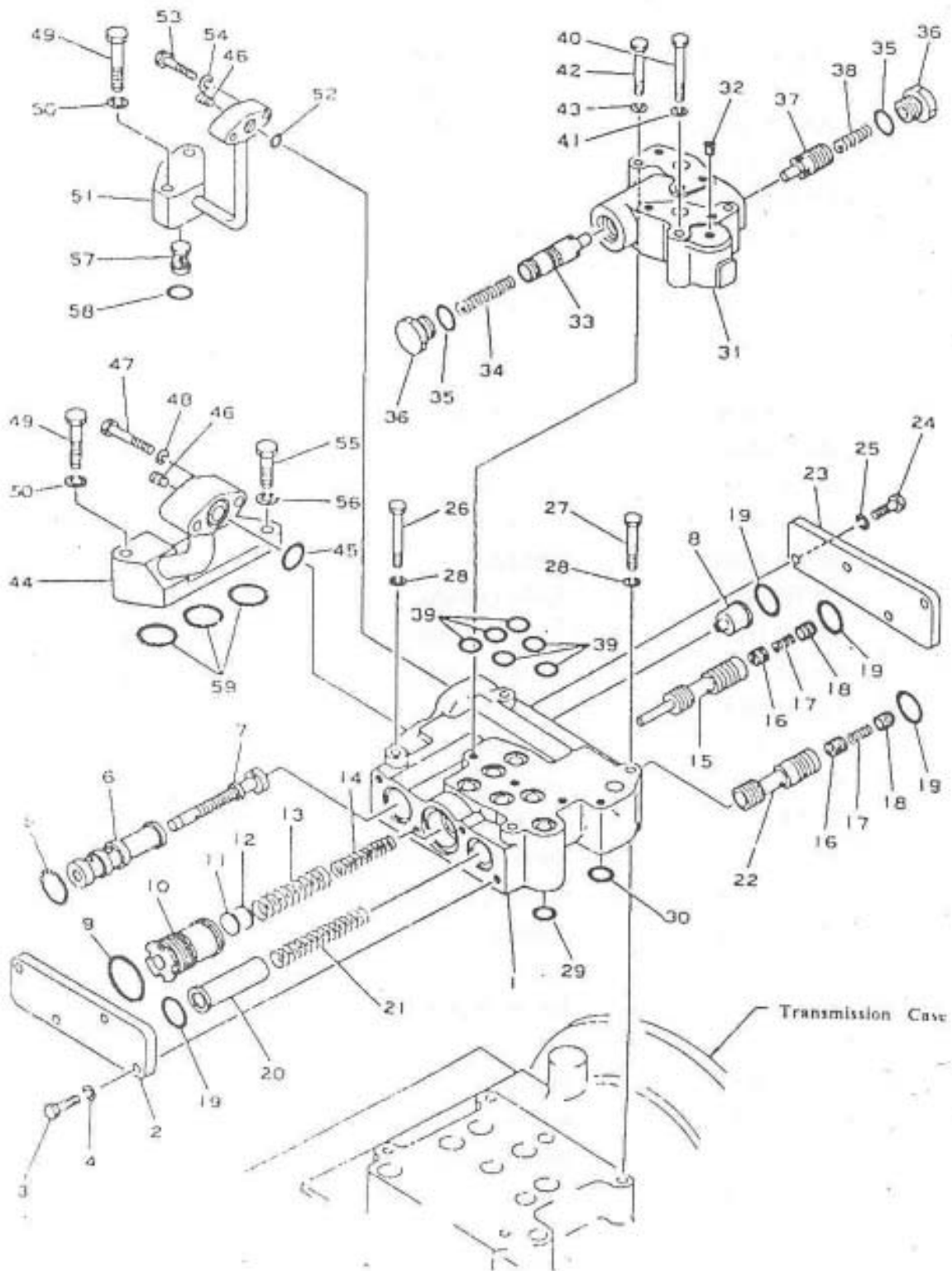
FIG NO. 32 HYDROSHIFT TRANSFER GEAR



HYDROSHIFT TRANSFER GEAR**FIG NO. 32**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
35	451-TM-12752*	SHIM 1mm	2	
36	451-TM-12769*	SHIM 0.3mm	3	
37	451-TM-12777*	SHIM 0.2mm	2	
38	451-TM-12785*	SHIM 0.15mm	1	
39	451-TM-12793*	SHIM 0.15mm	1	
40	451-TM-52459	COLLAR	2	
41	CFL01-15220	RING, SNAP	1	
42	451-TM-52525	SHAFT	1	
43	451-TM-52394	GEAR	1	
44	451-TM-32321	CAGE	1	
45	CFS01-31235	SCREW	4	
46	CFW01-11236	WASHER, SPRING	4	
47	CFL02-17025	RING, SNAP	1	
48	CBZ01-00635	BALL	1	
49	451-TM-52434	COLLAR	1	
50	CHS01-02145	O RING	1	
	451-TM-03275	SHIM KIT	1	
51	451-TM-12809*	SHIM 1mm	4	
52	451-TM-12817*	SHIM 0.3mm	6	
53	451-TM-12825*	SHIM 0.2mm	4	
54	451-TM-12833*	SHIM 0.15mm	2	
55	CFL01-14818	RING SNAP	1	
56	451-TM-52426	GEAR	1	
57	451-TM-13595	SLEEVE	1	
58	CHS01-12021	O RING	2	
59	451-TM-13602	FLANGE	1	
60	CHS01-13045	O RING	1	
61	CFB01-21055	BOLT	2	
62	CFW01-11030	WASHER, SPRING	2	
63	451-TM-13587	PLATE	1	
64	CHS01-13035	O RING	1	
65	451-TM-13562	SLEEVE	1	
66	451-TM-13579	VALVE	1	
67	380-CV-11609	SPRING	1	

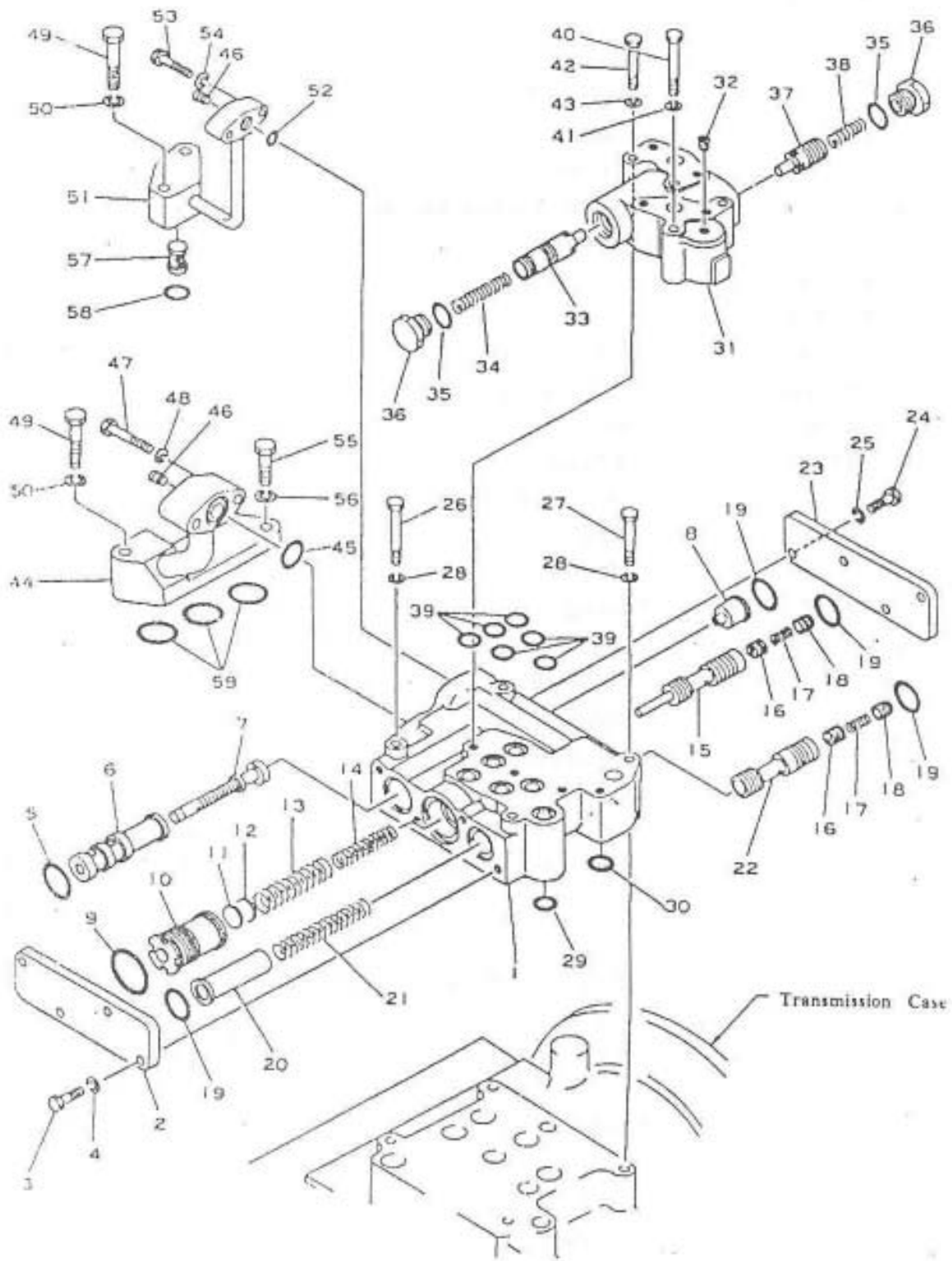
FIG NO. 33 HYDROSHIFT TRANSMISSION CONTROL VALVE



HYDROSHIFT TRANSMISSION CONTROL VALVE
FIG NO. 33

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-TM-03283	PRESSURE CONTROL VALVE ASSY.	1	
01	451-TM-33148*	BODY VALVE	1	
02	451-TM-13238*	COVER	1	
03	CFB01-21030	BOLT	4	
04	CFW01-11030	WASHER SPRING	4	
05	CHS01-13035	O RING	1	
06	451-TM-13205*	SLEEVE	1	
07	451-TM-13198*	SPOOL QUICK RETURN VALVE	1	
08	451-TM-13213*	STOPPER	1	
09	CHS01-13045	O RING	1	
10	451-TM-13181	VALVE	1	
11	125-CV-11194*	SHIM 0.8mm	8	
12	451-TM-13449*	SHIM 0.5mm	8	
13	451-TM-13538*	SPRING	1	
14	451-TM-13546*	SPRING	1	
15	451-TM-13173*	VALVE MODULATING	1	
16	125-CV-11672*	VALVE	2	
17	113-TM-12316*	SPRING	2	
18	125-CV-11283*	VALVE	2	
19	CHS01-13032	O RING	4	
20	451-TM-13165*	STOPPER	1	
21	451-TM-13521*	SPRING	1	
22	451-TM-13157*	VALVE PRIORITY	1	
23	451-TM-13221*	COVER	1	
24	CFB01-21030	BOLT	4	
25	CFW01-11030	WASHER, SPRING	4	
26	CFB01-21085	BOLT	2	
27	CFB02-21040	BOLT	1	
28	CFW01-11030	WASHER SPRING	3	
29	CHS01-12021	O RING	7	
30	CHS01-12014	O RING	3	
	451-TM-03291*	LUB & COOL BYPASS VALVE ASS.	1	
31	451-TM-32882*	BODY VALVE	1	
32	CPL01-10810	PLUG	1	
33	451-TM-12889*	VALVE COOLER BYPASS	1	
34	451-TM-12906*	SPRING	1	
35	CHS03-02434	O RING	2	

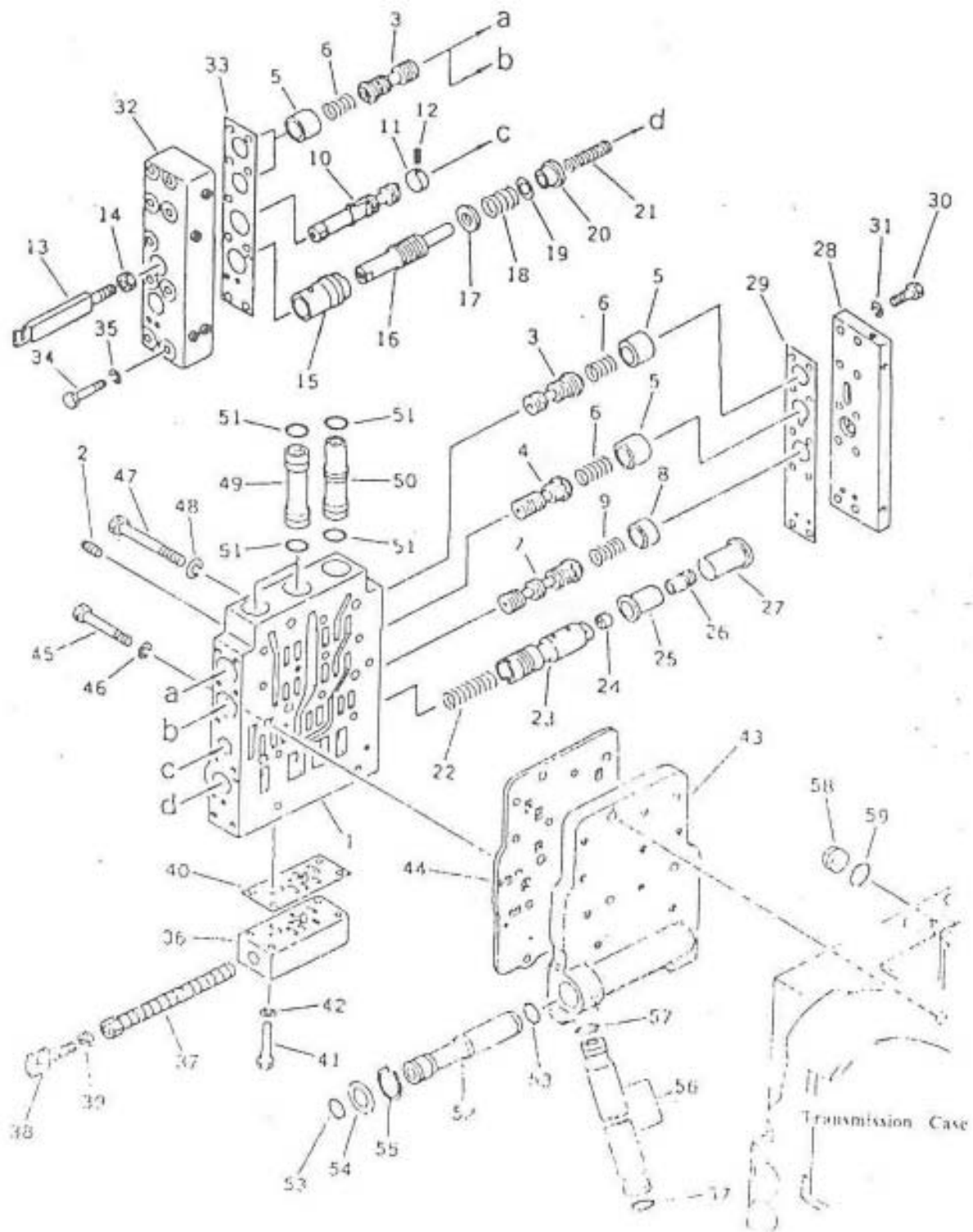
FIG NO. 33 HYDROSHIFT TRANSMISSION CONTROL VALVE



HYDROSHIFT TRANSMISSION CONTROL VALVE**FIG NO. 33**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
36	451-TM-12914	PLUG	2	
37	380-CV-11236*	VALVE LUBRICATION	1	
38	380-CV-11244*	SPRING	1	
39	CHS01-12021	O RING	6	
40	CFB02-21030	BOLT	1	
41	CFW01-10825	WASHER, SPRING	1	
42	CFB01-20860	BOLT	3	
43	CFW01-10825	WASHER, SPRING	3	
44	451-TM-03097	TUBE	1	
45	CHS01-13025	O RING	1	
46	CPL01-10810	PLUG	2	
47	CFB01-21055	BOLT	2	
48	CFW01-11030	WASHER, SPRING	2	
49	CFB01-21270	BOLT	3	
50	CFW01-11236	WASHER, SPRING	3	
51	451-TM-03089	TUBE	1	
52	CHS01-12012	O RING	1	
53	CFB01-20835	BOLT	2	
54	CFW01-10825	WASHER, SPRING	2	
55	CFS01-31235	SCREW	1	
56	CFW01-11236	WASHER, SPRING	1	
57	451-TM-13765	STRAINER	1	
58	CHS01-13022	O RING	1	
59	CHS01-13035	O RING	3	

FIG NO. 35 HYDROSHIFT TRANSMISSION CONTROL VALVE

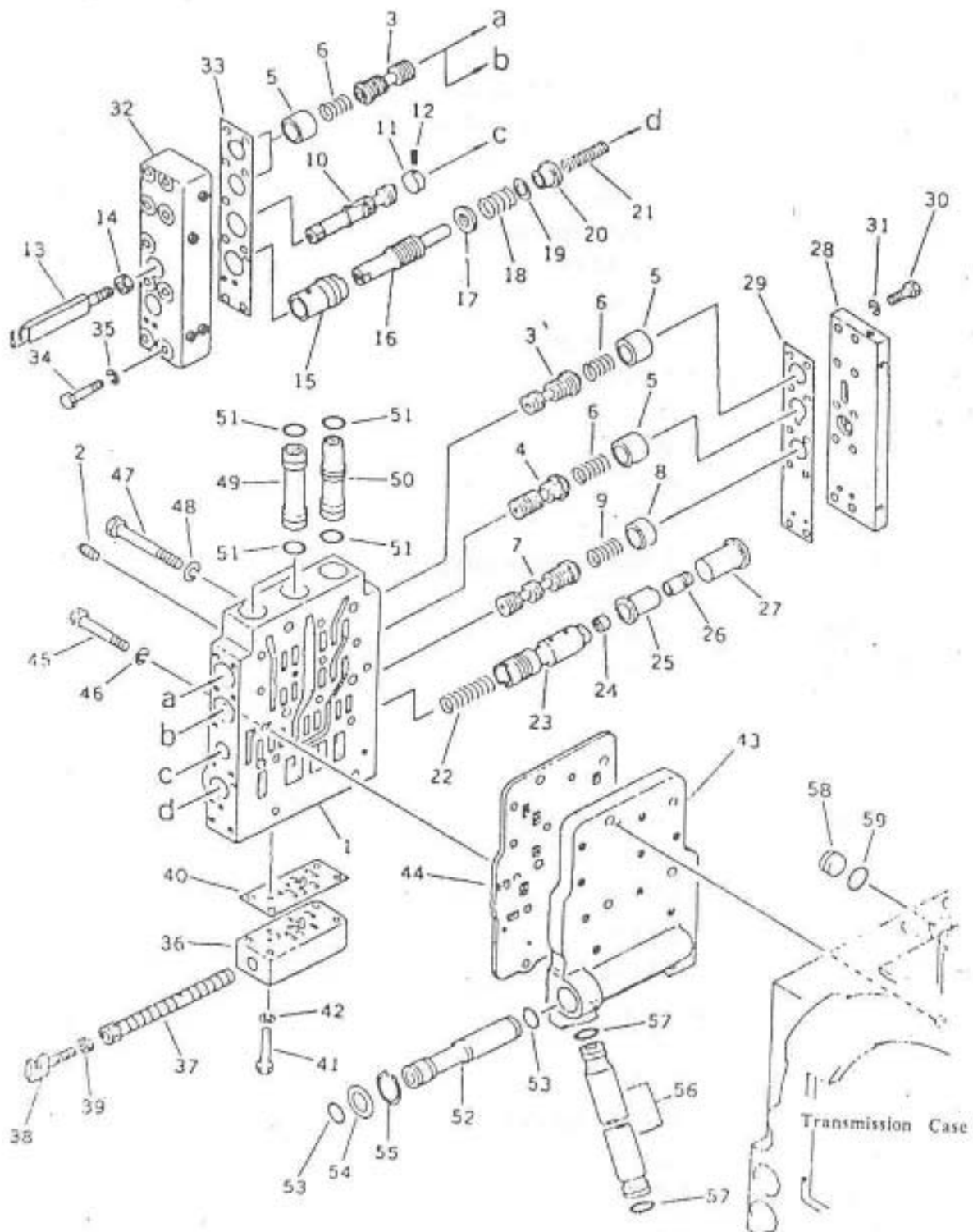


HYDROSHIFT TRANSMISSION CONTROL VALVE

FIG NO. 35

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-TM-03412	SHIFT CONT. ASSY.	1	
01	451-TM-32922 *	BODY VALVE	1	
02	CPL01-10810 *	PLUG	3	
03	451-TM-13019 *	SPOOL SHIFT VALVE	3	
04	451-TM-13027 *	SPOOL CUT OFF VALVE	1	
05	451-TM-13035 *	STOPPER	4	
06	451-TM-13513 *	SPRING	4	
07	451-TM-13043 *	SPOOL HIGH-LOW SHAFT VALVE	1	
08	451-TM-13051 *	STOPPER	1	
09	451-TM-13513 *	SPRING	4	
10	451-TM-13068 *	SPOOL FORWARD REVERSE	1	
11	451-TM-13076 *	STOPPER	1	
12	CFP13-04040 *	PIN	1	
13	451-TM-13302 *	YOKE	2	
14	CFN01-20868	NUT	2	
15	451-TM-13773 *	SLEEVE	1	
16	451-TM-13084 *	SPOOL INCHING VALVE	1	
17	451-TM-13781 *	WASHER	1	
18	451-TM-13798 *	SPRING	1	
19	451-TM-13805 *	SHIM 0.5mm	1	
20	451-TM-13813 *	SEAT	1	
21	451-TM-13821 *	SPRING	1	
22	451-TM-13838 *	SPRING	1	
23	451-TM-13846 *	VALVE INCHING	1	
24	451-TM-13854 *	VALVE	1	
25	113-CV-11419 *	SPRING	1	
26	451-TM-13862 *	SLEEVE	1	
27	451-TM-13092 *	STOPPER	1	
28	451-TM-13124 *	COVER	1	
29	451-TM-73459 *	GASKET	1	
30	CFB01-20830	BOLT	10	
31	CFW01-10825	WASHER, SPRING	10	
32	451-TM-33132 *	COVER	1	
33	451-TM-73467 *	GASKET	1	
34	CFB01-20850	BOLT	9	
35	CFW01-10825	WASHER SPRING	9	
36	451-TM-33108 *	BODY SPEED SEL. VALVE	1	

FIG NO. 35 HYDROSHIFT TRANSMISSION CONTROL VALVE

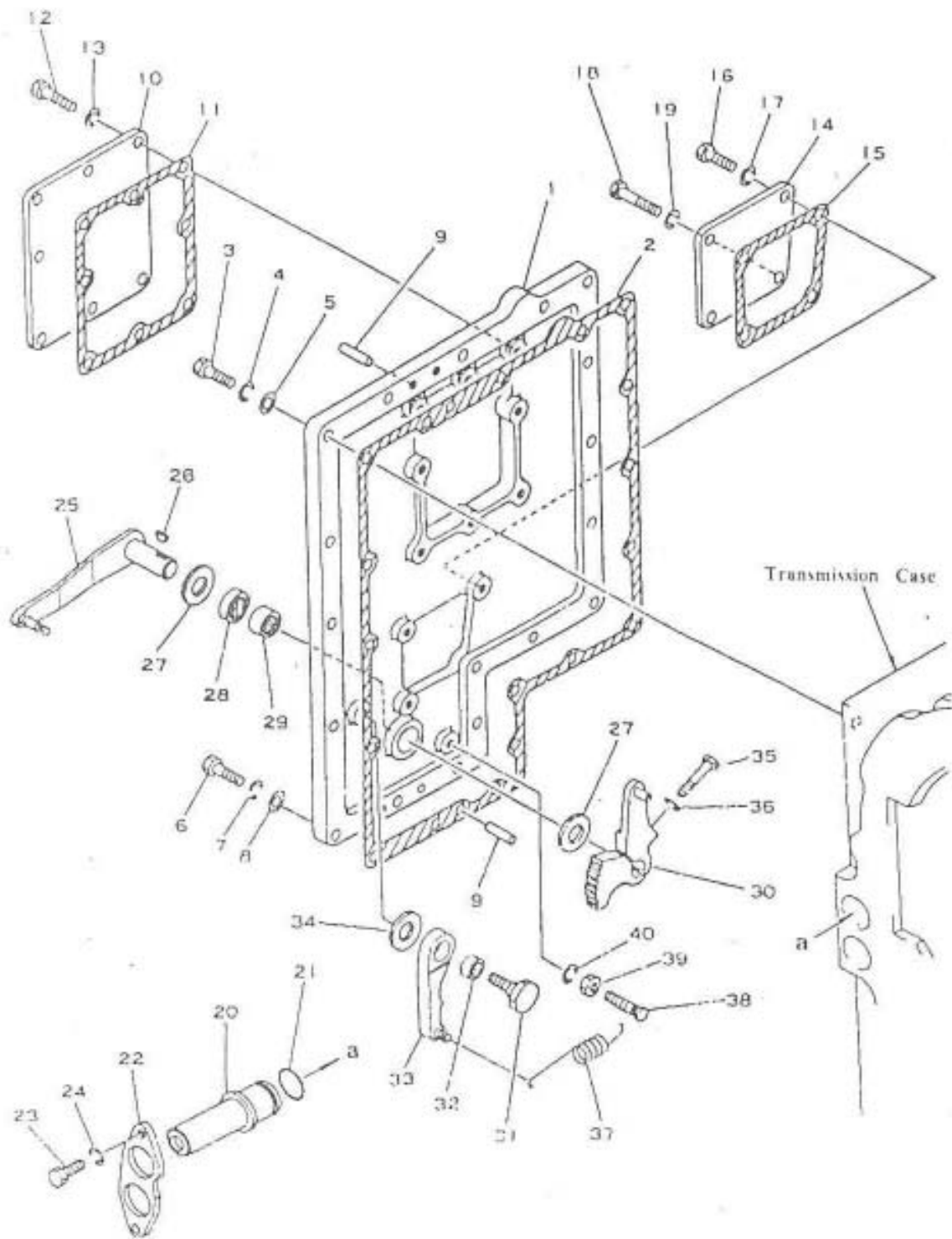


HYDROSHIFT TRANSMISSION CONTROL VALVE

FIG NO. 35

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
37	451-TM-13116 *	SPOOL SPEED SELECTOR	1	
38	CFY17-00850 *	YOKE	1	
39	CFN01-20868	NUT	1	
40	451-TM-73479 *	GASKET	1	
41	CFB01-20845	BOLT	4	
42	CFW01-10825	WASHER, SPRING	4	
43	451-TM-03145 *	SEAT VALVE	1	
44	451-TM-12955 *	PLATE	1	
45	CFB01-20860	BOLT	11	
46	CFW01-10825	WASHER SPRING	11	
47	CFB01-21080	BOLT	4	
48	CFW01-11030	WASHER, SPRING	4	
49	451-TM-12963 *	SLEEVE	2	
50	451-TM-12971 *	SLEEVE	1	
51	CHS01-12021	O RING	6	
52	451-TM-12988 *	SLEEVE	1	
53	CHS01-12021	O RING	2	
54	451-TM-13002 *	PLATE	1	
55	CFL01-12512	RING, SNAP	1	
56	451-TM-12996 *	SLEEVE	1	
57	CHS01-12021	O RING	2	
58	451-TM-11067 *	STOPPER	1	
59	CHS01-12018	O RING	1	

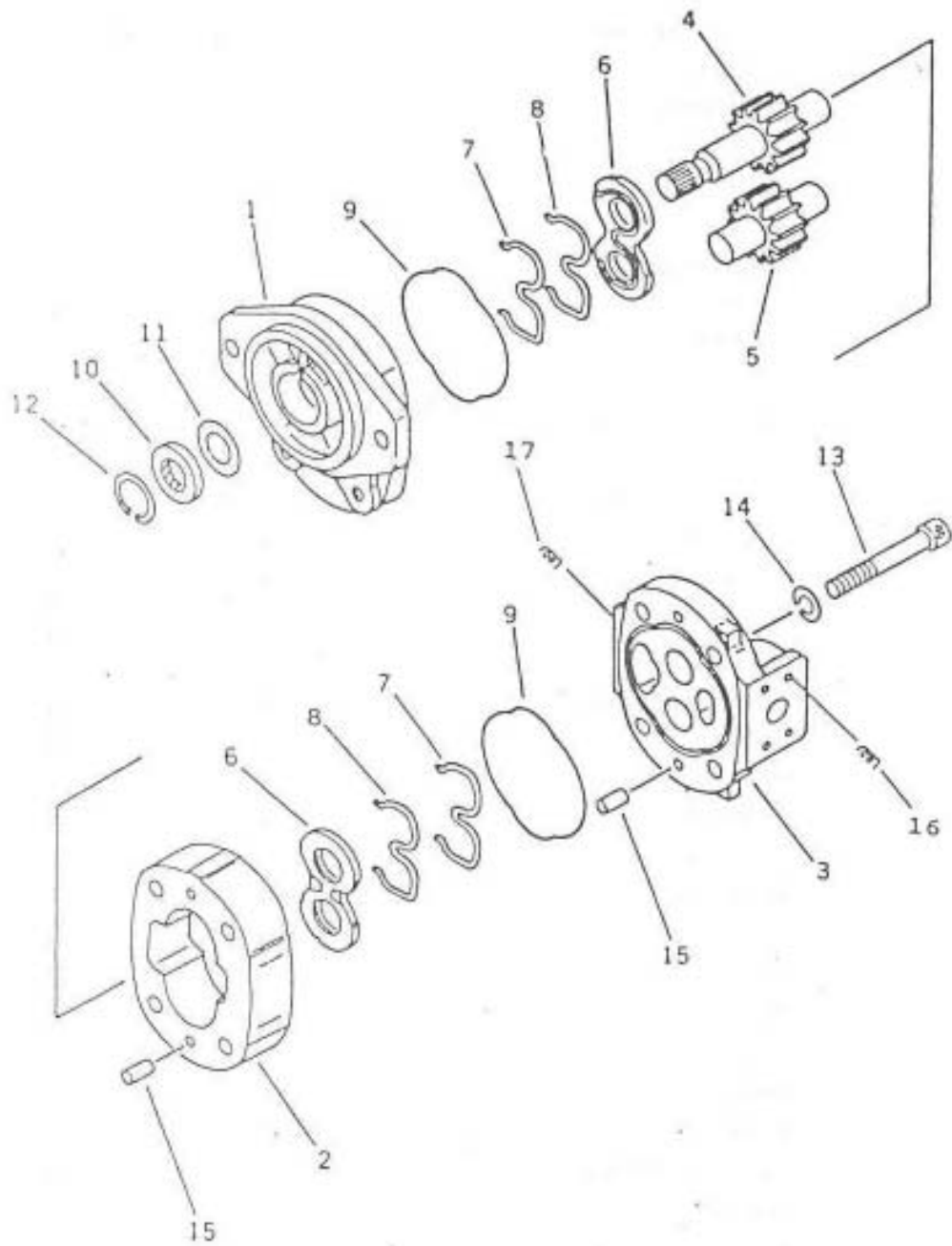
FIG NO. 36 HYDROSHIFT TRANSMISSION COVER



HYDROSHIFT TRANSMISSION COVER**FIG NO. 36**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-TM-33415	COVER	1	
02	451-TM-73483	GASKET	1	
03	CFB01-21040	BOLT	16	
04	CFW01-11030	WASHER, SPRING	16	
05	CFW05-10032	WASHER	16	
06	CFB01-21030	BOLT	1	
07	CFW01-11030	WASHER, SPRING	1	
08	CFW05-10032	WASHER	1	
09	CFP04-01024	PIN, DOWEL	2	
10	451-TM-13424	COVER	2	
11	451-TM-73491	GASKET	1	
12	CFB01-21030	BOLT	8	
13	CFW01-11030	WASHER, SPRING	8	
14	451-TM-13432	COVER	1	
15	451-TM-73507	GASKET	1	
16	CFB01-21030	BOLT	3	
17	CFW01-11030	SPRING WASHER	3	
18	CFB01-21050	BOLT	1	
19	CFW01-11030	WASHER SPRING	1	
20	451-TM-13319	COUPLING	2	
21	CHS01-13028	O RING	2	
22	451-TM-13335	COVER	1	
23	CFB01-21025	BOLT	2	
24	CFW01-11030	WASHER SPRING	2	
25	451-TM-13343	LEVER	1	
26	CFK02-00313	KEY	1	
27	113-TM-12608	WASHER	2	
28	125-CV-91109	SEAL OIL	1	
29	CBN01-02016	BEARING	1	
30	451-TM-03129	LEVER	1	
31	451-TM-13384	SHAFT	1	
32	CBN01-01612	BEARING	1	
33	451-TM-03137	LEVER	1	
34	451-TM-13392	WASHER	1	
35	CFB01-20850	BOLT	1	
36	CFW01-10825	WASHER SPRING	1	
37	451-TM-13554	SPRING	1	
38	451-TM-11075	BOLT	1	
39	CFN01-21084	NUT	1	
40	CFW01-11030	WASHER, SPRING	1	

FIG NO. 37 HYDROSHIFT TRANSMISSION PUMP

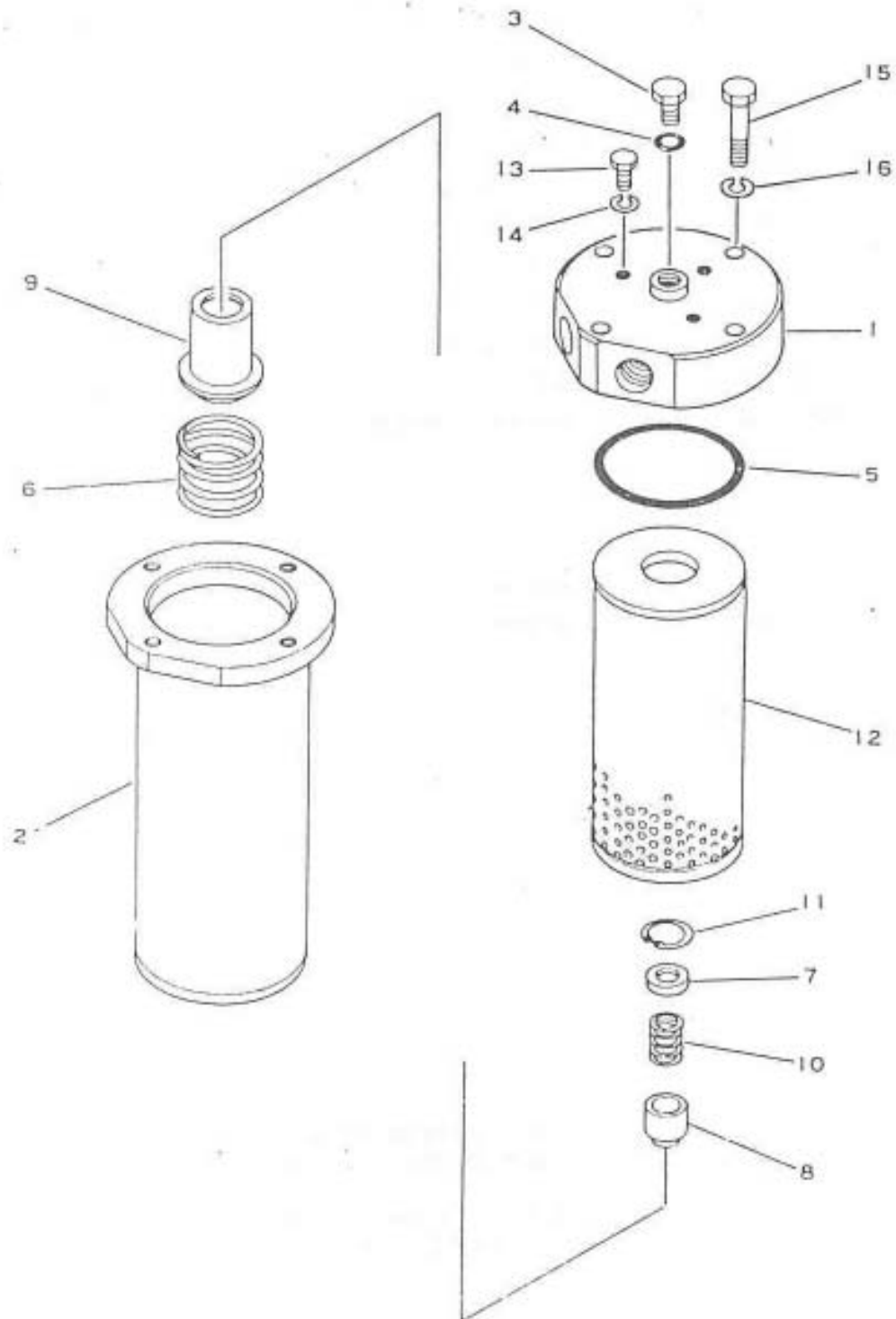


HYDROSHIFT TRANSMISSION PUMP

FIG NO. 37

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-HM-01009	HY. TRANS. PUMP ASSY.	1	
01	375-HM-03009 *	BRACKET ASSY.	1	
02	451-HM-21008 *	CASE GEAR	1	
03	375-HM-03025 *	COVER ASSY	1	
04	451-HM-51019 *	GEAR DRIVE	1	
05	451-HM-51027 *	GEAR DRIVEN	1	
06	375-HM-21089 *	PLATE SIDE	2	
07	375-HM-71066 *	RING BACKUP	2	
08	375-HM-61079 *	RING SEAL	2	
09	375-HM-61054 *	O-RING	2	
10	375-HM-91113	SEAL OIL	1	
11	375-HM-11125 *	PLATE	1	
12	CFL02-14018	RING,SNAP	1	
13	375-HM-11109 *	BOLT	4	
14	CFW01-11236 *	SPRING WASHER	4	
15	CFP04-01024 *	PIN DOWEL	4	
16	CSP02-01008 *	HELISERT	1	
17	CSP02-00810 *	HELISERT	1	
	CHC01-08048	COVER	1	SHIPPING ONLY
	CHC01-24059	COVER	1	SHIPPING ONLY
	CHC04-06021	CAP	2	SHIPPING ONLY

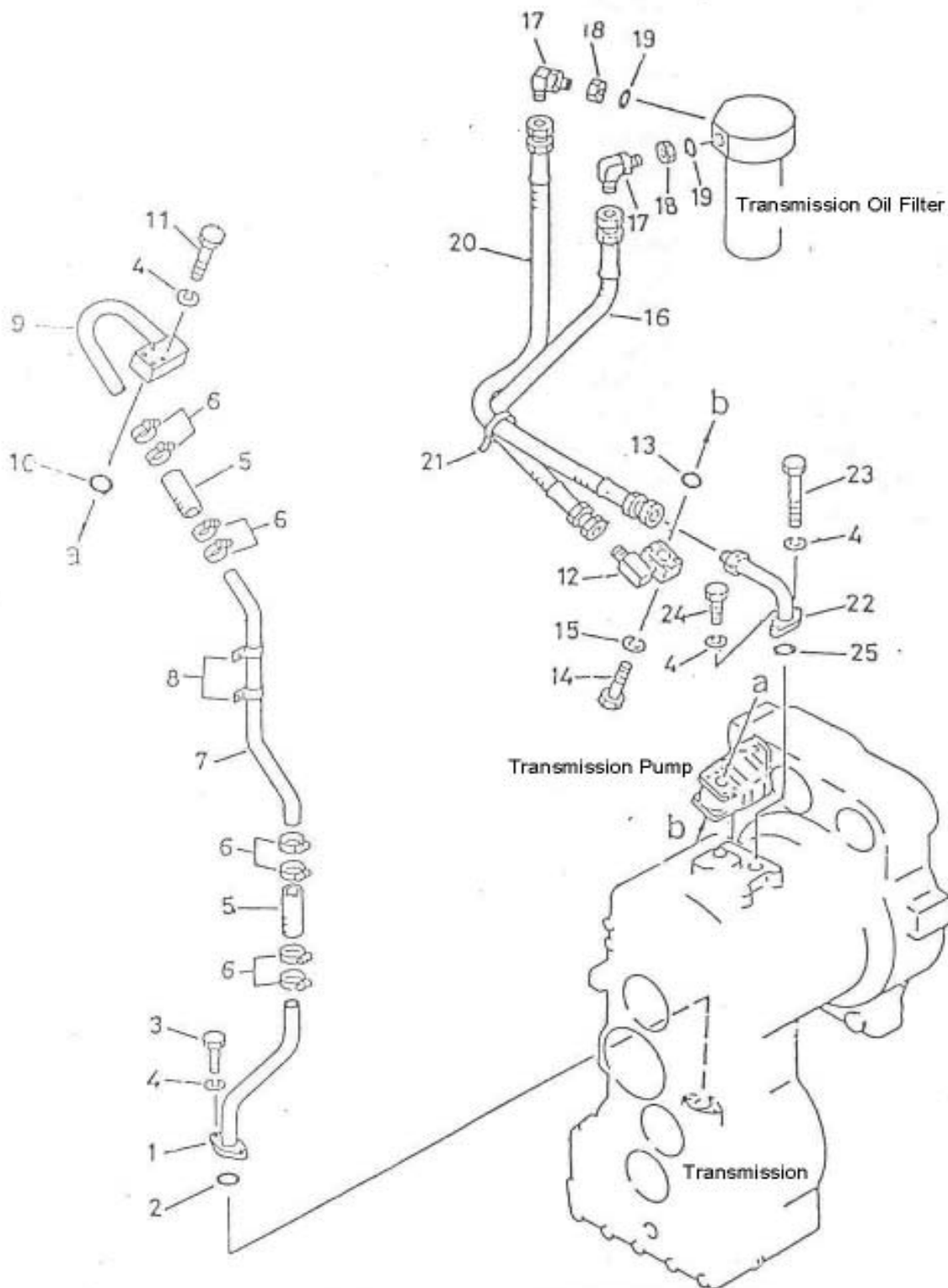
FIG NO.38 HYDROSHIFT TRANSMISSION FILTER



HYDROSHIFT TRANSMISSION FILTER**FIG NO. 38**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-PT-02039	FILTER ASSY.	1	
01	451-PT-03019	FLANGE	1	
02	451-PT-03027	CASE	1	
03	451-PT-11184	BOLT	1	
04	CHS01-02010	O RING	1	
05	CHS01-03098	O RING	1	
06	451-PT-11192	SPRING	1	
07	451-PT-11143	PLATE	1	
08	451-PT-11151	VALVE	1	
09	451-PT-11168	GUIDE	1	
10	451-PT-11176	SPRING	1	
11	CFL02-13012	RING	1	
12	23B-16-11310	ELIMENT	1	
13	CFS01-21020	SCREW	3	
14	CFW01-11030	SPRING WASHER	3	
15	CFB01-21270	BOLT	4	
16	CFW01-11236	WASHER	4	

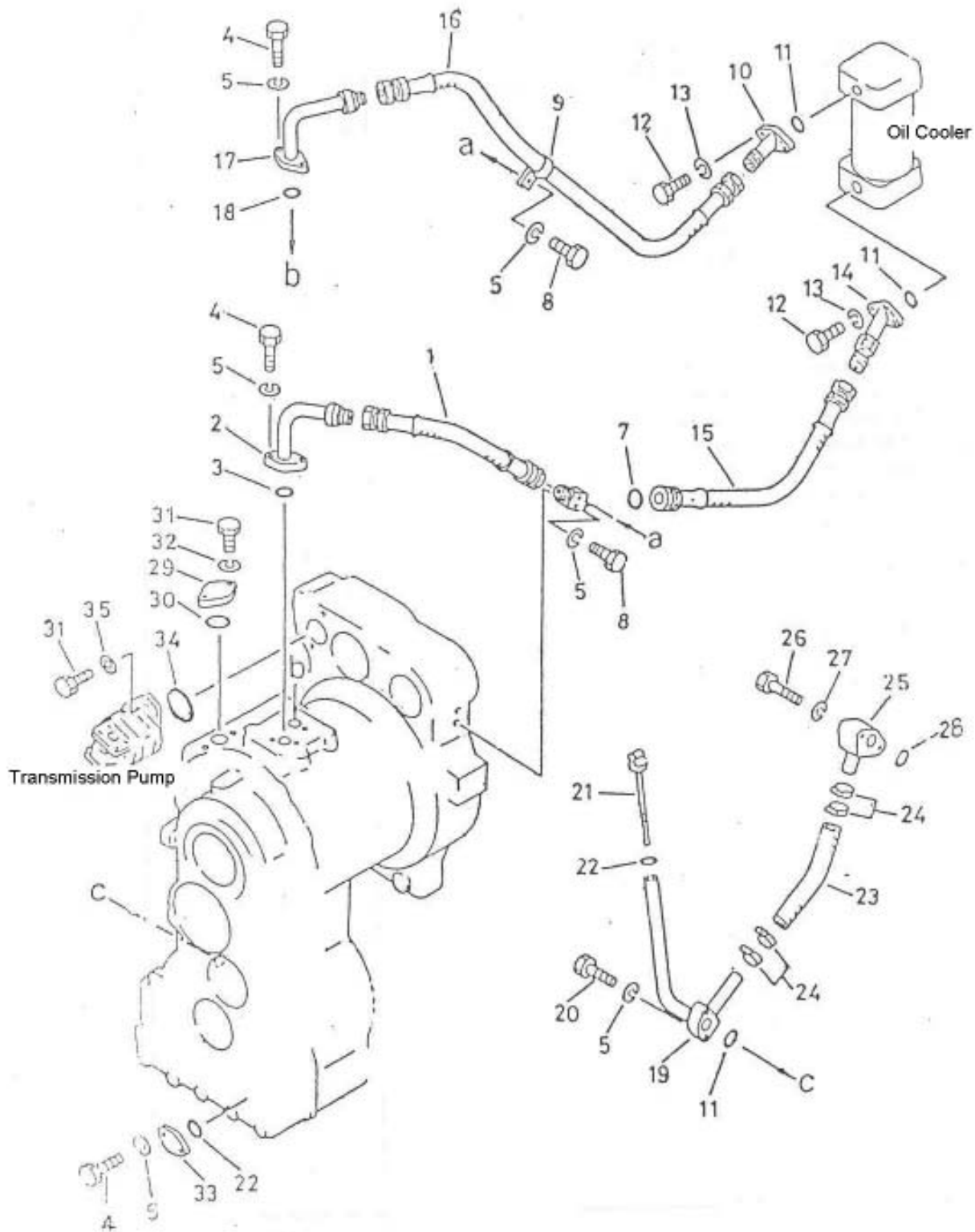
FIG NO. 39 HYDROSHIFT TRANSMISSION PIPING (INLET)



HYDROSHIFT TRANSMISSION PIPING (INLET)**FIG NO. 39**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-PT-02039	FILTER ASSY.	1	REF.
01	451-PT-02047	TUBE	1	
02	CHS01-13042	O-RING	1	
03	CFS01-21035	HEX.SCREW	2	
04	CFW01-11030	SPRING WASHER	8	
05	THH01-24116	HOSE	2	
06	CCC01-16015	HOSE CLAMP	8	
07	451-PT-11062	TUBE	1	
08	451-PT-11079	CLIP	1	
09	451-PT-02055	TUBE	1	
10	CHS01-03035	O-RING	1	
11	CFB01-21065	BOLT	4	
12	451-PT-02063	ELBOW	1	
13	CHS01-03030	O-RING	1	
14	CFB01-20850	BOLT	4	
15	CFW01-10825	WASHER	4	
16	CHH22-20608	HOSE	1	
17	CPF22-10628	ELBOW	2	
17	451-EG-11801	T CONNECTOR (OPTIONAL)	1	
18	CFN02-22414	NUT	2	
19	CHS03-02434	O-RING	2	
20	CHH22-20610	HOSE	1	
21	CCC10-00834	BAND	1	
22	451-PT-02071	TUBE	1	
23	CFS01-11030	SCREW	1	
24	CFB02-21000	BOLT	1	
25	CHS01-03028	O-RING	1	

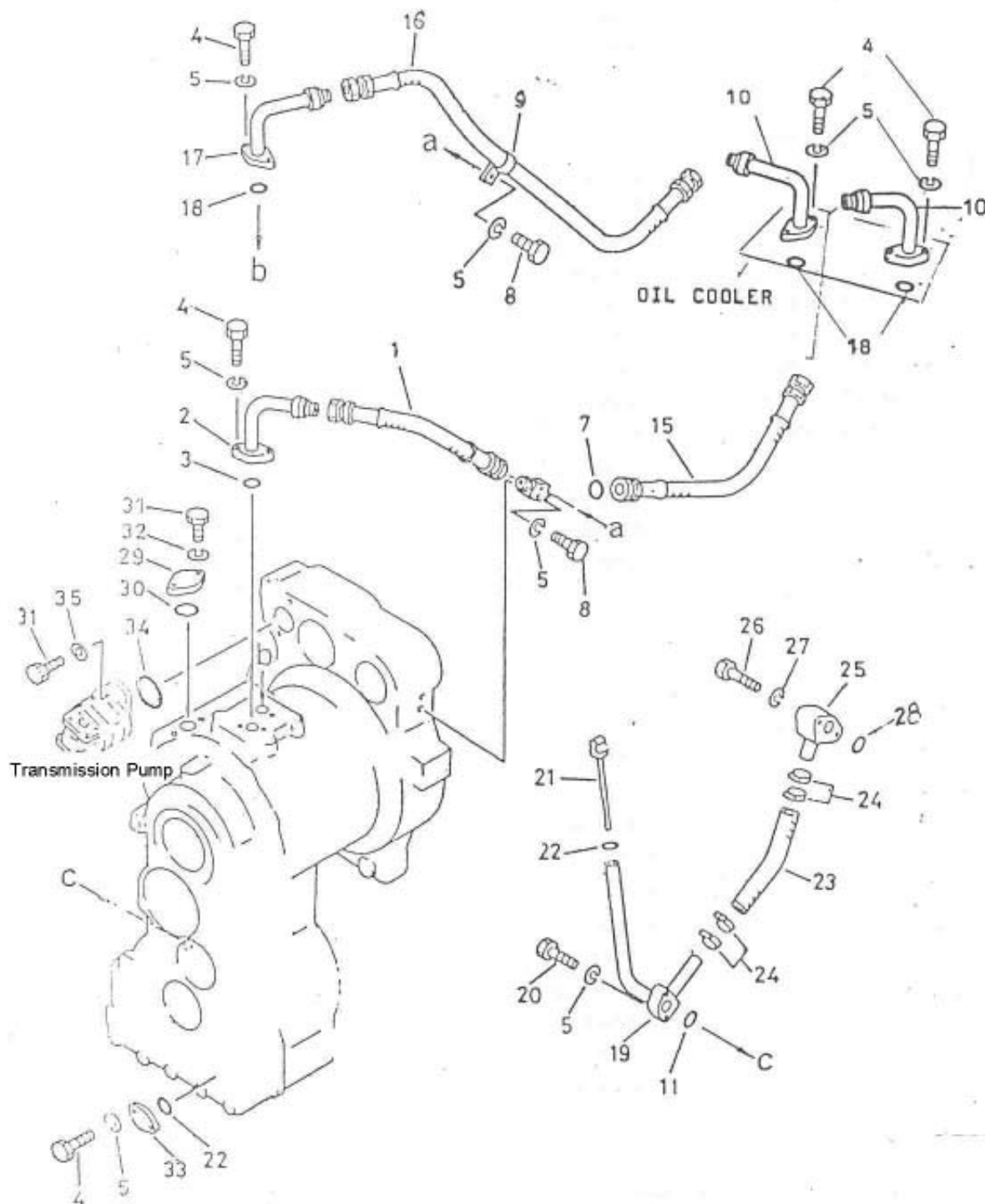
FIG NO.40HYDROSHIFT TRANSMISSION PIPING (OUTLET) CUMMINS



HYDROSHIFT TRANSMISSION PIPING (OUTLET) CUMMINS**FIG NO. 40**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	CHH22-21205	HOSE	1	
02	451-PT-02152	TUBE	1	
03	CHS01-03028	O RING	1	
04	CFS01-11030	SCREW	6	
05	CFW01-11030	WASHER SPRING	10	
06	451-PT-02177	TUBE ASSY.	1	
07	CHS01-03025	O RING	1	
08	CFB01-21025	BOLT	2	
09	451-PT-02169	CLIP	1	
10	451-PT-02136	FLANGE	1	
11	CHS01-03035	O RING	3	
12	CFS01-21230	SCREW	4	
13	CFW01-11236	WASHER	4	
14	451-PT-02128	FLANGE	1	
15	CHH22-21206	HOSE	1	
16	CHH22-21214	HOSE	1	
17	451-PT-02096	TUBE	1	
18	CHS01-03028	O RING	1	
19	451-PT-02111	TUBE	1	
20	CFB01-21065	BOLT	2	
21	451-PT-02144	GAUGE	1	
22	CHS01-03022	O RING	3	
23	THH01-23232	HOSE	1	
24	CCC01-14513	CLAMP	4	
25	451-PT-02103	FLANGE	1	
26	CFB07-21475	BOLT	2	
27	CFW01-11442	WASHER SPRING	2	
28	CHS01-03050	O RING	1	
29	TFG02-51437	FALNGE	1	
30	CHS01-03045	O RING	1	
31	CFS01-21235	SCREW	4	
32	CFW01-11236	WASHER SPRING	2	
33	TFG02-50312	FLANGE	1	
34	CHS01-02105	O RING	1	
35	CFW05-12032	WASHER	2	

FIG NO. 40A HYDROSHIFT TRANSMISSION PIPING (OUTLET) BEML 6D125

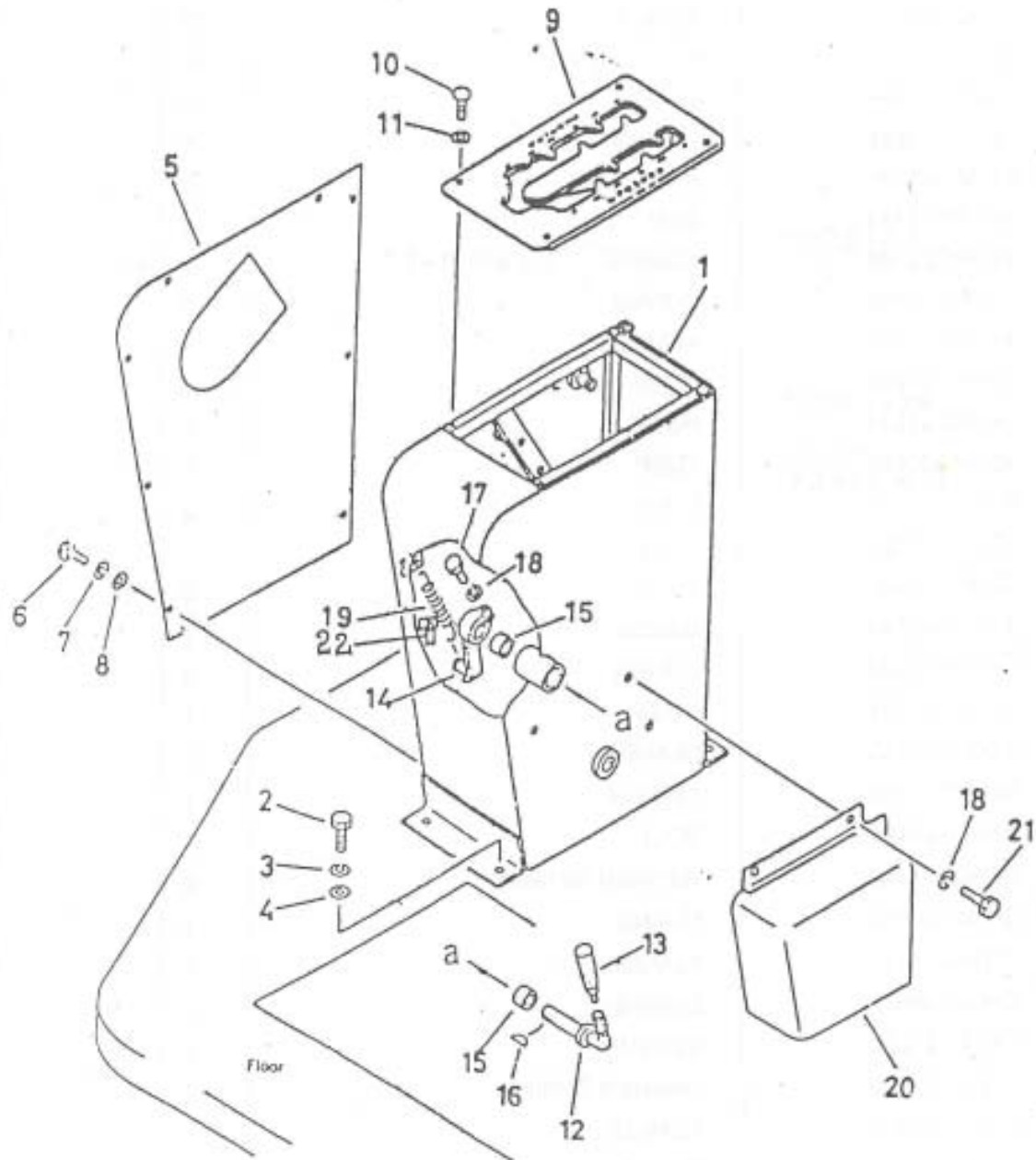


HYDROSHIFT TRANSMISSION PIPING (OUTLET) BEML 6D125

FIG NO. 40A

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	CHH22-21205	HOSE	1	
02	451-PT-02152	TUBE	1	
03	CHS01-03028	O RING	1	
04	CFS01-11030	SCREW	10	
05	CFW01-11030	WASHER, SPRING	14	
06	451-PT-02195	TUBE ASSY.	1	
07	CHS01-03025	O RING	1	
08	CFB01-21060	BOLT	2	
09	451-PT-02169	CLIP	1	
10	451-PT-02185	TUBE ASSY.	1	
11	CHS01-03035	O RING	3	
14	451-PT-02128	FLANGE	1	
15	CHH22-21206	HOSE	1	
16	CHH22-21210	HOSE	1	
17	451-PT-02016	TUBE	1	
18	CHS01-03028	O RING	3	
19	451-PT-02111	TUBE	1	
20	CFB01-21065	BOLT	2	
21	451-PT-02144	GAUGE	1	
22	CHS01-03022	O RING	3	
23	THH01-23232	HOSE	1	
24	CCC01-14513	CLAMP	4	
25	451-PT-02103	FLANGE	1	
26	CFB07-21475	BOLT	2	
27	CFW01-11442	WASHER SPRING	2	
28	CHS01-03050	O RING	1	
29	TFG02-51437	FLANGE	1	
30	CHS01-03045	O RING	1	
31	CFS01-21235	SCREW	4	
32	CFW01-11236	WASHER, SPRING	2	
33	TFG02-10312	FLANGE	1	
34	CHS01-02105	O RING	1	
35	CFW05-12032	WASHER	2	

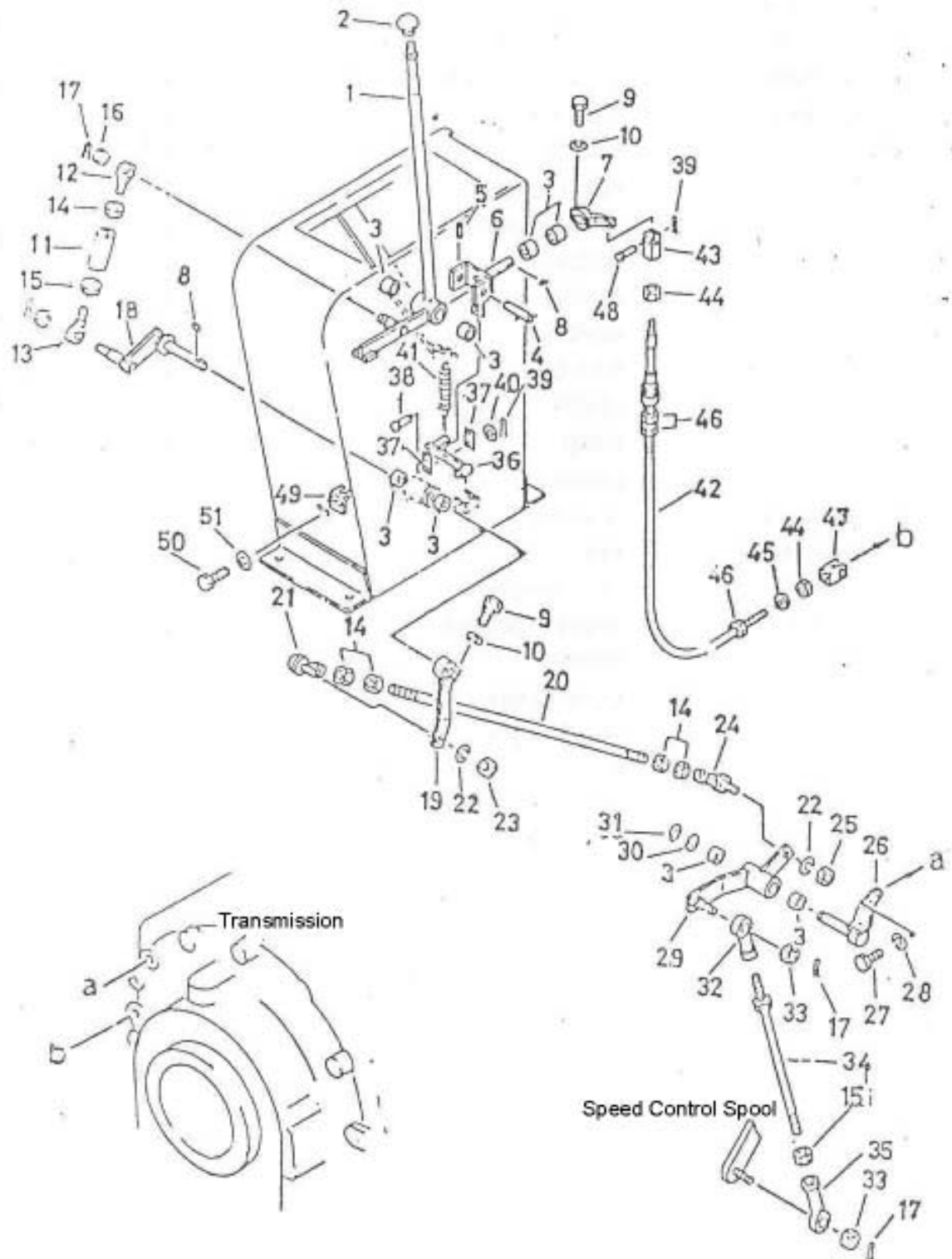
FIG NO. 41 HYDROSHIFT TRANSMISSION CONTROL



HYDROSHIFT TRANSMISSION CONTROL**FIG NO. 41**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-CO-02278	BOX	1	
02	CFS01-21225	HEX. SCREW	4	
03	CFW01-11236	SPRING WASHER	4	
04	CFW05-12032	WASHER	4	
05	451-CO-12046	COVER	1	
06	CFS01-20612	HEX. SCREW	8	
07	CFW01-10619	SPRING WASHER	8	
08	CFW02-10608	WASHER	8	
09	451-CO-12095	GUIDE	1	
10	CFS15-10820	SCREW	4	
11	CFW02-10816	WASHER	4	
12	451-CO-02415	LEVER	1	
13	TSK02-00800	KNOB	1	
14	451-CO-02472	LEVER	1	
15	451-CO-02123	BUSHING	2	
16	CKF02-00519	KEY	1	
17	CFS01-20830	HEX. SCREW	1	
18	CFW01-10825	SPRING WASHER	4	
19	451-CO-11033	SPRING	1	
20	451-CO-02431	COVER ASSY.	1	
21	CFS01-20820	HEX. SCREW	3	
22	451-CO-13472	BOLT	1	

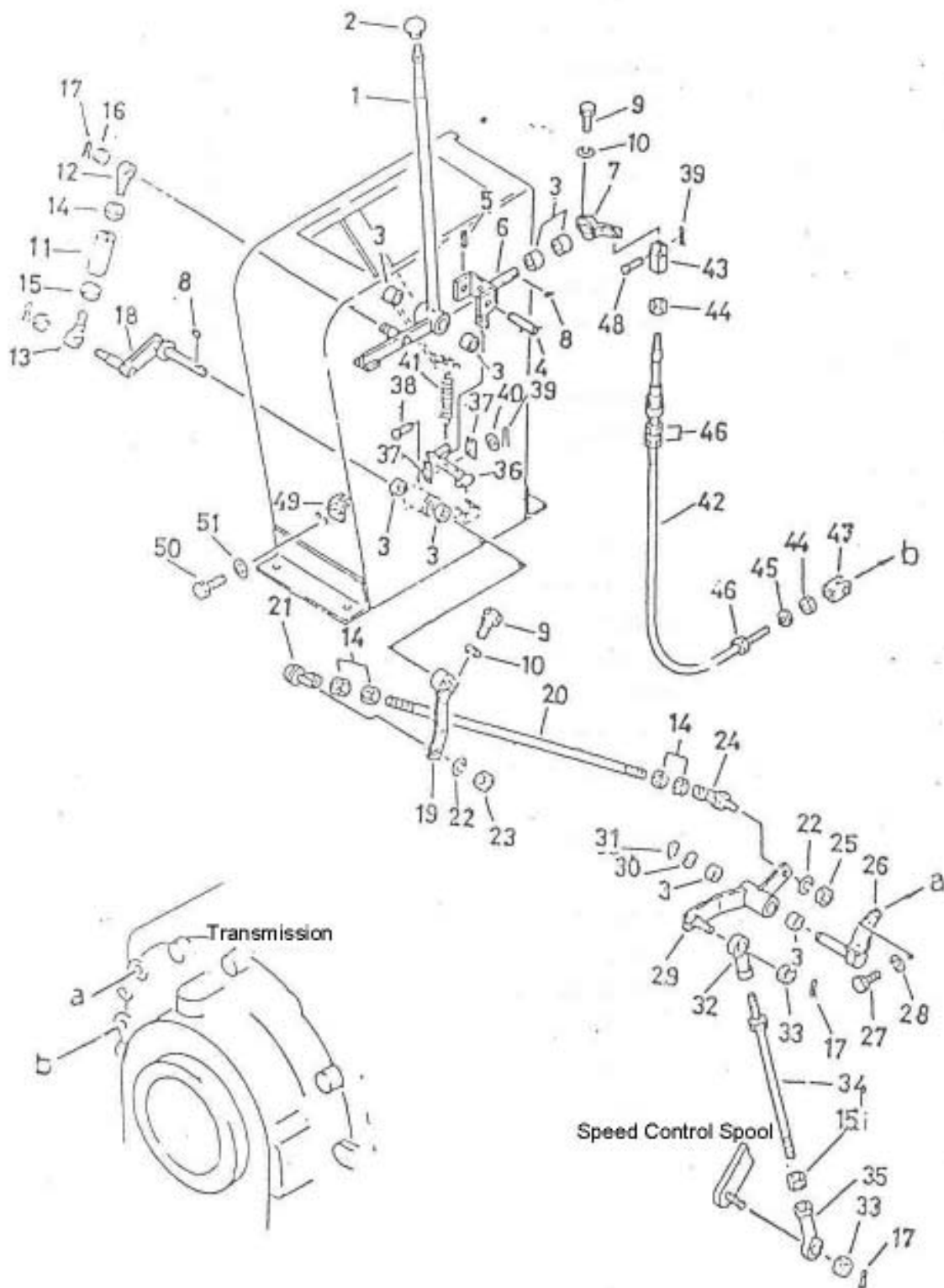
FIG NO. 42 HYDROSHIFT TRANSMISSION CONTROL (2/2)



HYDROSHIFT TRANSMISSION CONTROL (2/2)**FIG NO. 42**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-CO-02301	LEVER	1	
02	TSK01-01250	KNOB	1	
03	451-CO-02123	BUSHING	8	
04	451-CO-12062	ROD	1	
05	CFP13-10532	TAPER PIN	1	
06	451-CO-02318	YOKE	1	
07	451-CO-02375	LEVER	1	
08	CKF02-00519	KEY	2	
09	CFS01-20830	HEX.SCREW	2	
10	CFW01-10825	WASHER SPRING	2	
11	451-CO-12054	ROD	1	
12	TRB01-01061	ROD END	1	
13	TRB01-11061	ROD END	1	
14	CFN19-21008	NUT	5	
15	CFN35-11006	NUT	2	
16	CFN33-01008	NUT (ISO)	1	
17	CFP01-02018	COTTER PIN	3	
18	451-CO-02407	LEVER	1	
19	451-CO-02294	LEVER	1	
20	CFY05-11051	ROD	1	
21	451-CO-02448	BALL JOINT	1	
22	CFW01-11030	SPRING WASHER	2	
23	CFN35-11006	HEX.NUT	1	
24	451-CO-02456	BALL JOINT	1	
25	CFN19-21008	NUT	1	
26	451-CO-02342	BRACKET	1	
27	CFB07-21480	HEX.BOLT	2	
28	CFW01-11442	SPRING WASHER	2	
29	451-CO-02286	LEVER	1	
30	CFW05-16045	WASHER	1	
31	CFL01-11610	SNAP RING	1	
32	451-CO-12127	ROD END	1	
33	CFN33-01008	NUT (ISO)	2	
34	451-CO-02334	ROD	1	
35	451-CO-12119	ROD END	1	
36	451-CO-02464	LEVER	1	
37	451-CO-12079	PLATE	2	

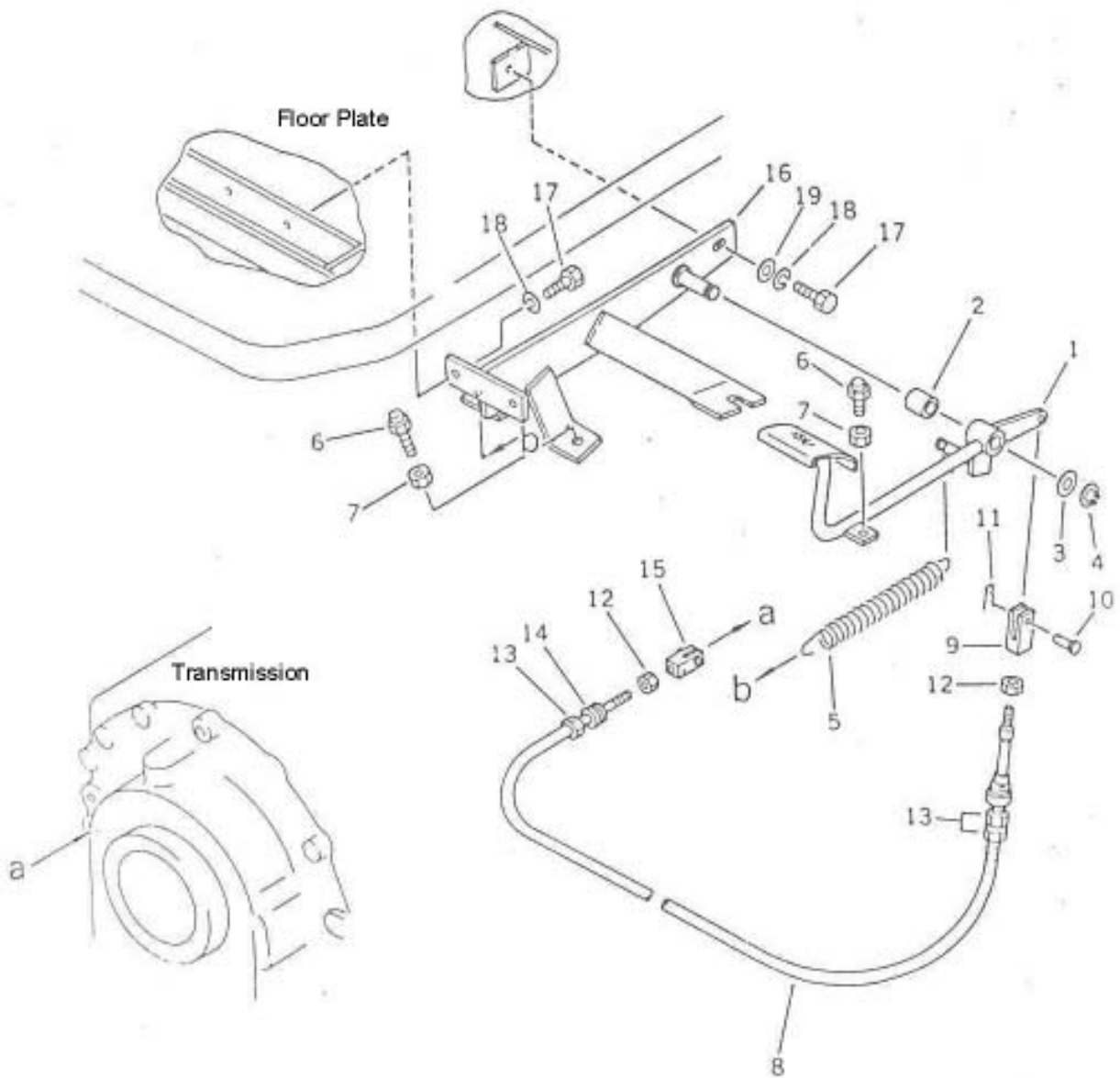
FIG NO. 42 HYDROSHIFT TRANSMISSION CONTROL (2/2)



HYDROSHIFT TRANSMISSION CONTROL (2/2)**FIG NO. 42**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
38	CFP02-10828	PIN	2	
39	CFP01-02012	COTTER PIN	3	
40	CFW02-10816	WASHER	2	
41	451-CO-12087	SPRING	1	
42	451-CO-02359	CABLE	1	
43	451-CO-02326	YOKE	1	
44	CFN01-10652	NUT	2	
45	CPF06-01612	GASKET	1	
46	CFN19-21613	NUT	3	
47	451-CO-12021	YOKE	1	
48	CFP02-10822	PIN	1	
49	451-CO-02253	CHANNELASSY	2	
50	CFS01-20612	HEX.SCREW	2	
51	CFW05-06023	WASHER	2	

FIG NO. 43 INCHING CONTROL

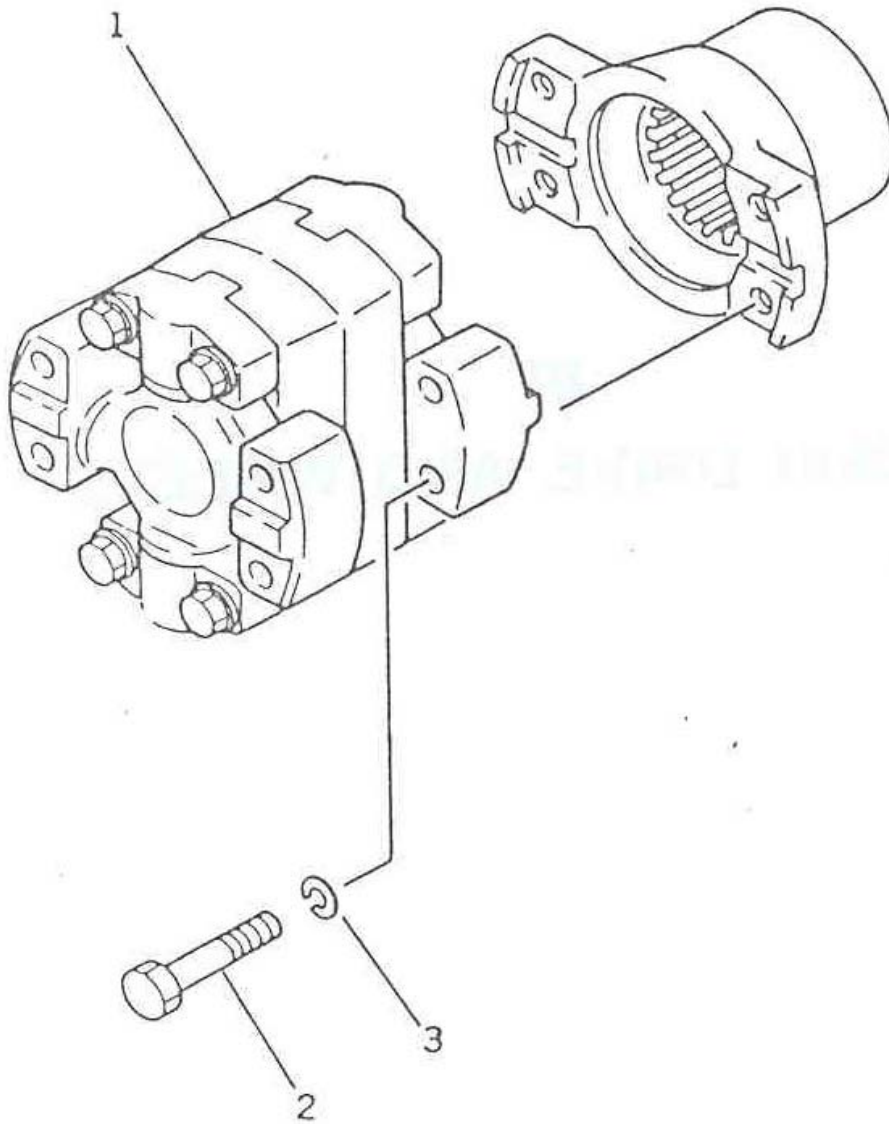


INCHING CONTROL**FIG NO. 43**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-CO-02261	PEDAL	1	
02	451-WC-02391	BUSHING	1	
03	CFW05-20060	WASHER	1	
04	CFL01-12012	SNAP RING	1	
05	451-CO-12038	SPRING	1	
06	TSP01-31237	BUMPER (PEDAL)	2	
07	CFN19-21210	NUT	2	
08	451-CO-02383	CABLE	1	
09	451-CO-12021	YOKE	1	
10	CFP01-10822	PIN	1	
11	CFP11-00816	PIN SNAP	1	
12	CFN01-10652	NUT	2	
13	CFN19-21613	NUT	3	
14	CPF06-01612	GASKET	1	
15	451-CO-02326	YOKE	1	
16	451-CO-02367	BRACKET	1	
17	CFS01-21035	HEX. SCREW	3	
18	CFW01-11030	WASHER	3	
19	CFW05-10032	WASHER	1	

III
TANDEM DRIVE
& WHEELS

FIG NO. 44 PROPELLER SHAFT

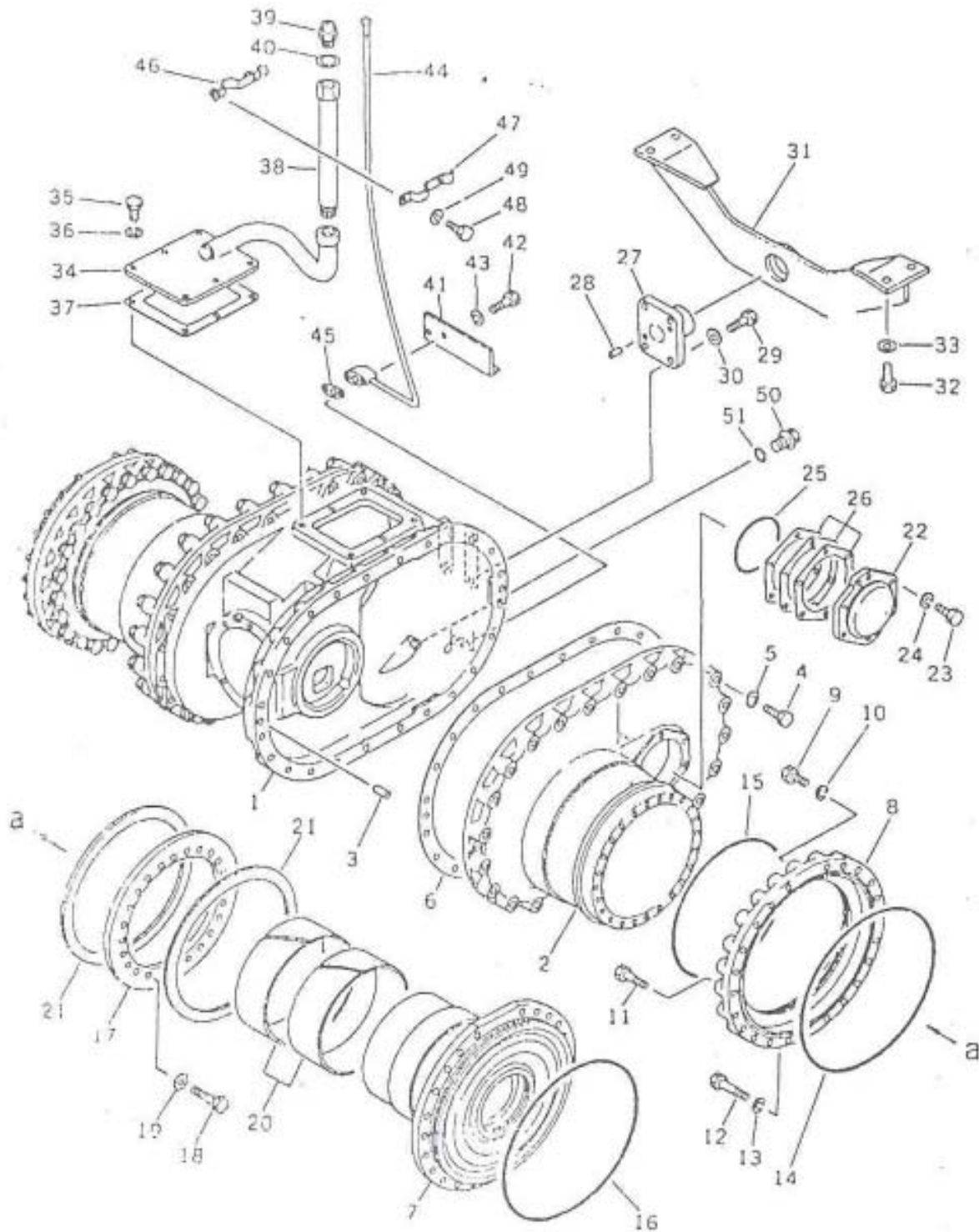


PROPELLER SHAFT

FIG NO. 44

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-PZ-02014	PROPELLER SHAFT ASSY.	1	
02	CFB01-21260	BOLT	8	
03	CFW01-11236	SPRING WASHER	8	

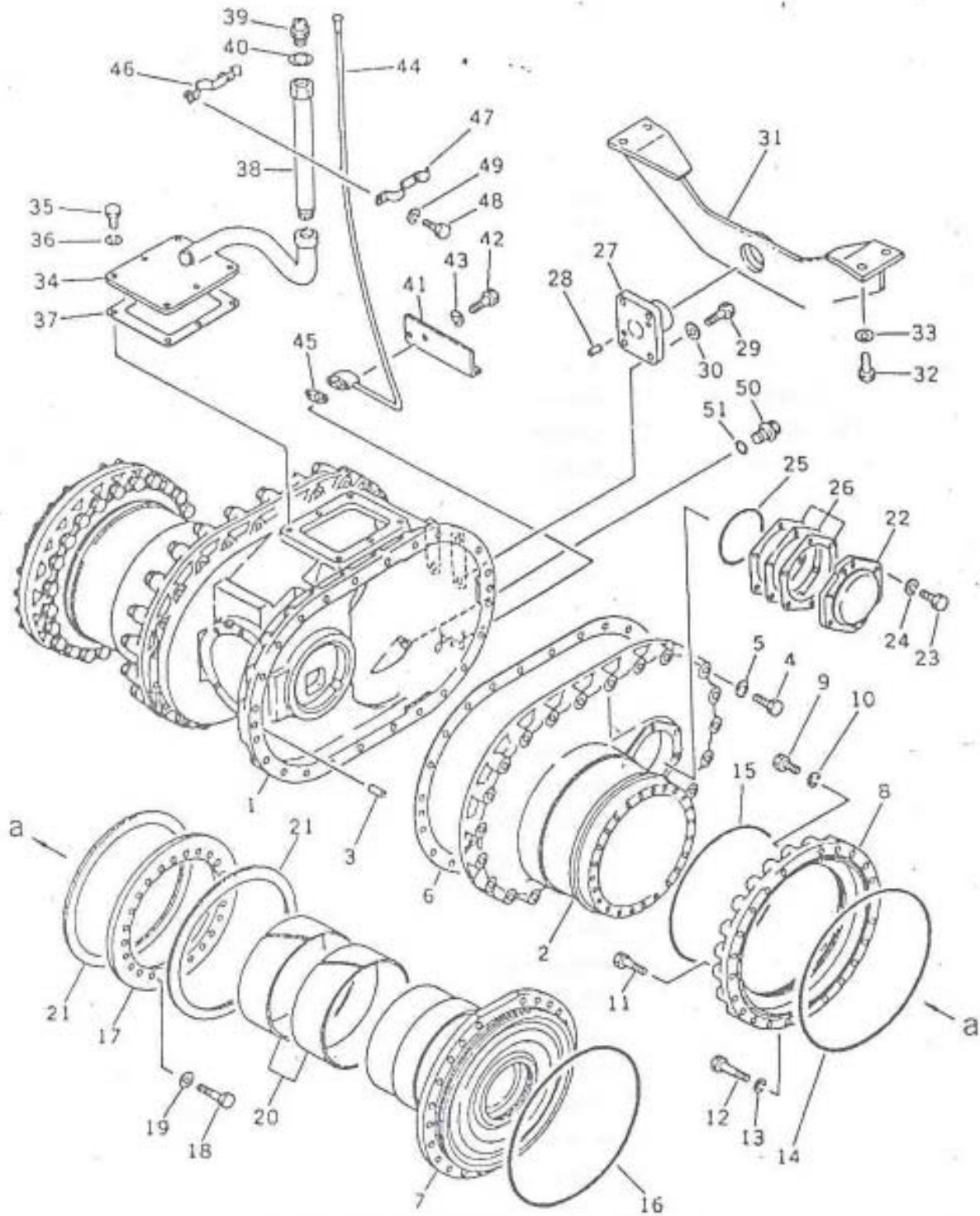
FIG NO. 45 FINAL DRIVE CASE



FINAL DRIVE CASE**FIG NO. 45**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-FD-31381	CASE CENTER	1	
02	451-FD-31398	SIDE CASE	2	
03	CFP04-01638	PIN DOWEL	4	
04	CFB01-21675	BOLT	48	
05	CFW05-16045	WASHER	48	
06	451-FD-71403	GASKET	2	
07	451-FD-31779	FLANGE	2	
08	451-FD-31793	CAGE	2	
09	CFS01-31220	SCREW	2	
10	CFW05-12032	WASHER	2	
11	CFB01-21660	BOLT	4	
12	CFB01-21685	BOLT	42	
13	CFW05-16045	WASHER	42	
14	CHS01-05410	O RING	2	
15	451-FD-61595	O RING	2	
16	CHS01-05400	O RING	2	
17	451-FD-11811	PLATE	2	
18	CFB01-21250	BOLT	48	
19	CFW05-12032	WASHER	48	
20	451-FD-91613	BUSHING	4	
21	451-FD-91605	WASHER	4	
22	451-FD-31957	CAGE	2	
23	CFB01-21240	BOLT	12	
24	CFW01-11236	WASHER SPRING	12	
25	CHS01-02135	O RING	2	
26	451-FD-03088	SHIM KIT	2	
	451-FD-11511*	SHIM	2	
	451-FD-11528*	SHIM	6	
	451-FD-11536*	SHIM	4	
27	451-FD-11982	BRACKET	1	
28	CFP04-01434	PIN DOWEL	2	
29	CFB01-21650	BOLT	4	
30	CFW05-16045	WASHER	4	
31	451-FD-03047	HANGER	1	
32	CFS01-31640	SCREW	4	
33	CFW05-16045	WASHER, SPRING	4	
34	451-FD-03039	PLATE	1	

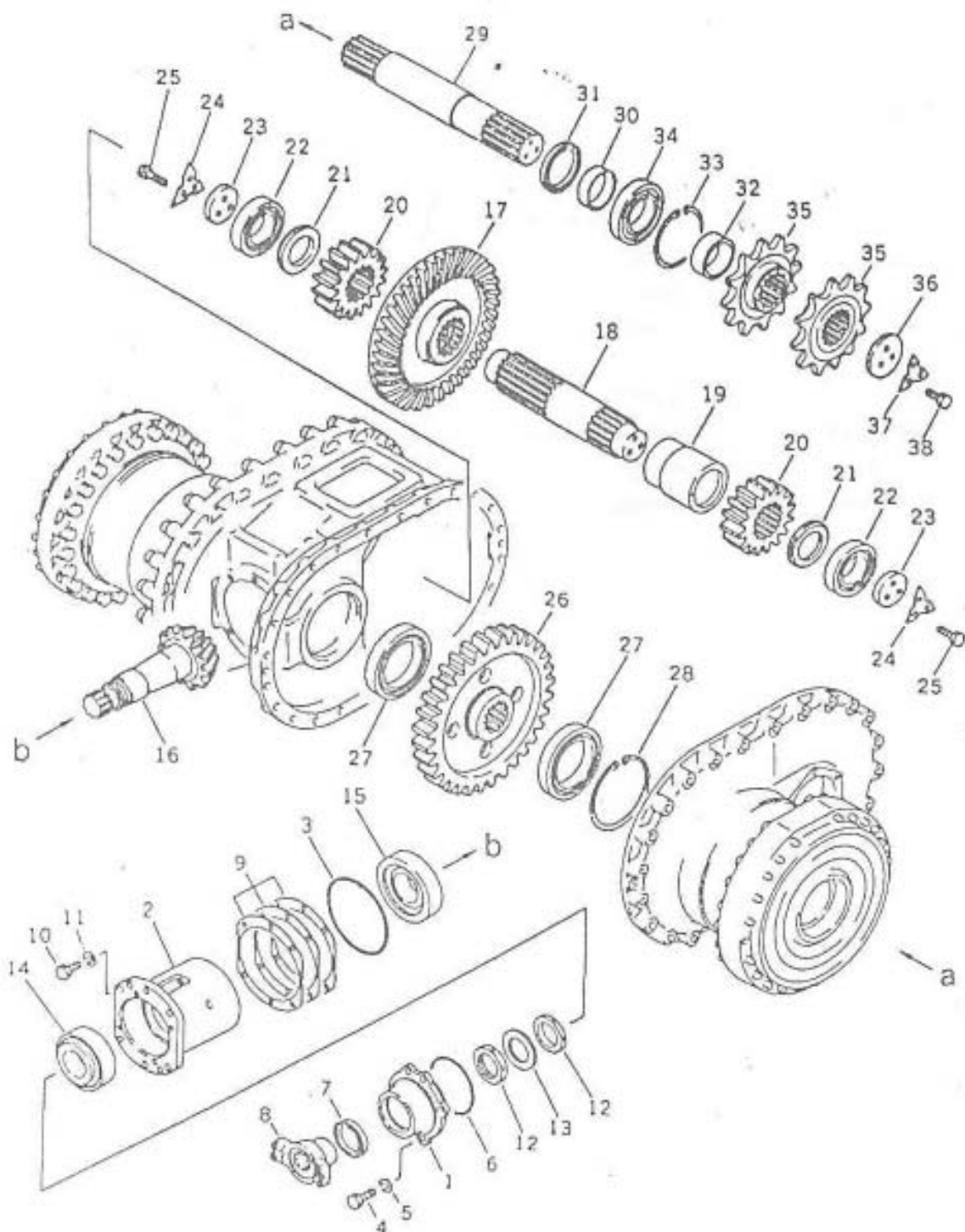
FIG NO. 45 FINAL DRIVE CASE



FINAL DRIVE CASE**FIG NO. 45**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
35	CFS01-31235	SCREW	6	
36	CFW01-11236	WASHER, SPRING	6	
37	451-FD-72002	GASKET	1	
38	451-FD-03063	FILLER	1	
39	451-FD-91905	BREATHER	1	
40	CHS04-03036	GASKET	1	
41	451-FD-11641	PLATE	1	
42	CFB01-21050	BOLT	2	
43	CFW01-11030	WASHER SPRING	2	
44	451-FD-03055	TUBE	1	
45	451-FD-72027	GASKET	1	
46	451-FD-03096	CLAMP	1	
47	451-FD-12038	CLAMP	1	
48	CFS01-30820	SCREW	2	
49	CFW01-10825	WASHER, SPRING	2	
50	CPL03-12412	PLUG	1	
51	CHS03-12434	O RING	1	

FIG NO. 46 FINAL DRIVE BEVEL GEAR



FINAL DRIVE BEVEL GEAR
FIG NO. 46

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-FD-31413	COVER	1	
02	451-FD-31543	RETAINER	1	
03	CHS01-05185	O RING	1	
04	CFS01-31225	SCREW	4	
05	CFW01-11236	WASHER, SPRING	4	
06	CHS01-02145	O RING	1	
07	CHS07-00085	SEAL	1	
08	451-FD-03071	COUPLING	1	
09	451-FD-03128	SHIM KIT	1	
	451-FD-11585 *	SHIM 1.0 MM	2	
	451-FD-11577 *	SHIM 0.3 MM	6	
	451-FD-11569 *	SHIM 0.1 MM	4	
10	CFB07-21445	BOLT	6	
11	CFW05-14045	WASHER	6	
12	451-FD-12046	NUT	2	
13	451-FD-12054	LOCK	1	
14	CBT02-32314	BEARING	1	
15	CBT02-30316	BEARING	1	
	451-FD-03136	BEVEL GEAR SET	1	
16	451-FD-51704 *	PINION	1	
17	451-FD-51712 *	GEAR	1	
18	451-FD-11869	SHAFT	1	
19	451-FD-11844	COLLAR	1	
20	451-FD-51883	GEAR	2	
21	451-FD-11852	WASHER	2	
22	451-FD-91898	BEARING	2	
23	451-FD-11974	HOLDER	2	
24	451-FD-11917	LOCK	2	
25	CFS01-31235	SCREW	6	
26	451-FD-51753	GEAR	2	
27	451-FD-91735	BEARING	4	
28	CFL04-10180	RING, SNAP	2	
29	451-FD-11803	SHAFT	2	
30	451-FD-11828	COLLAR	2	
31	CHS07-00095	SEAL, OIL	2	
32	451-FD-11836	COLLAR	2	
33	CFL04-10150	RING, SNAP	2	

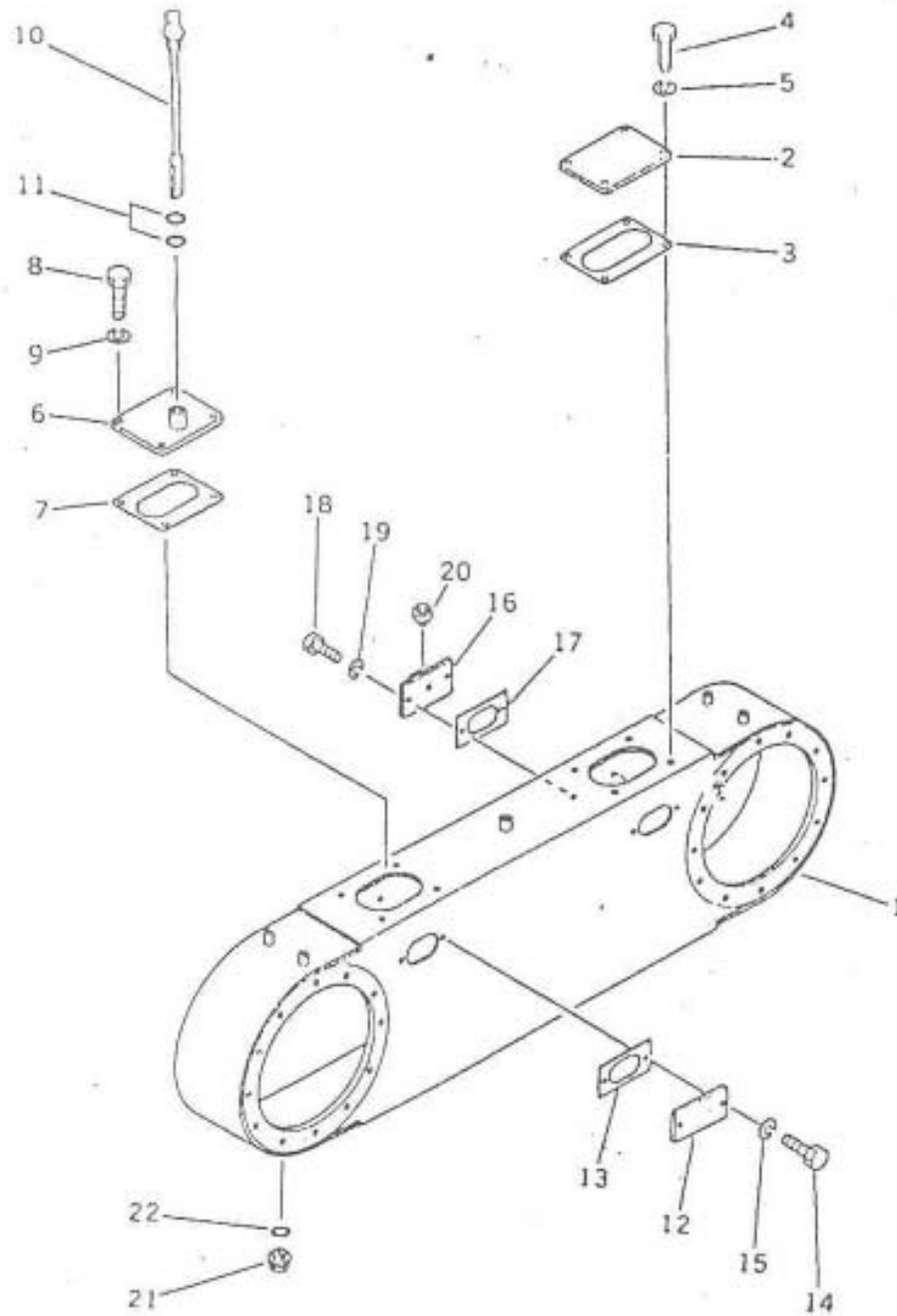
This exploded view diagram illustrates the assembly of a mechanical device, likely a pump or motor. The components are numbered 1 through 38. The diagram is organized into three main horizontal sections. The top section shows a shaft assembly (29, 18, 19) with various gears (17, 20, 21, 22, 23, 24, 25, 26, 27, 28, 31, 30, 34, 33, 32, 35, 36, 37, 38) and seals (31, 30, 34, 33, 32, 35, 36, 37, 38). The middle section shows a housing assembly (16, 15, 14, 13, 12, 11, 10, 9, 8, 7, 6, 5, 4, 3, 2, 1) with various gears (17, 20, 21, 22, 23, 24, 25, 26, 27, 28, 31, 30, 34, 33, 32, 35, 36, 37, 38) and seals (31, 30, 34, 33, 32, 35, 36, 37, 38). The bottom section shows a shaft assembly (29, 18, 19) with various gears (17, 20, 21, 22, 23, 24, 25, 26, 27, 28, 31, 30, 34, 33, 32, 35, 36, 37, 38) and seals (31, 30, 34, 33, 32, 35, 36, 37, 38). The diagram uses perspective to show the relative positions and assembly sequence of the parts.

FINAL DRIVE BEVEL GEAR

FIG NO. 46

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
34	CBB30-06217	BEARING	2	
35	451-FD-51931	SPROCKET	4	
36	451-FD-11966	HOLDER	2	
37	451-FD-11917	LOCK	2	
38	CFB01-21245	BOLT	6	

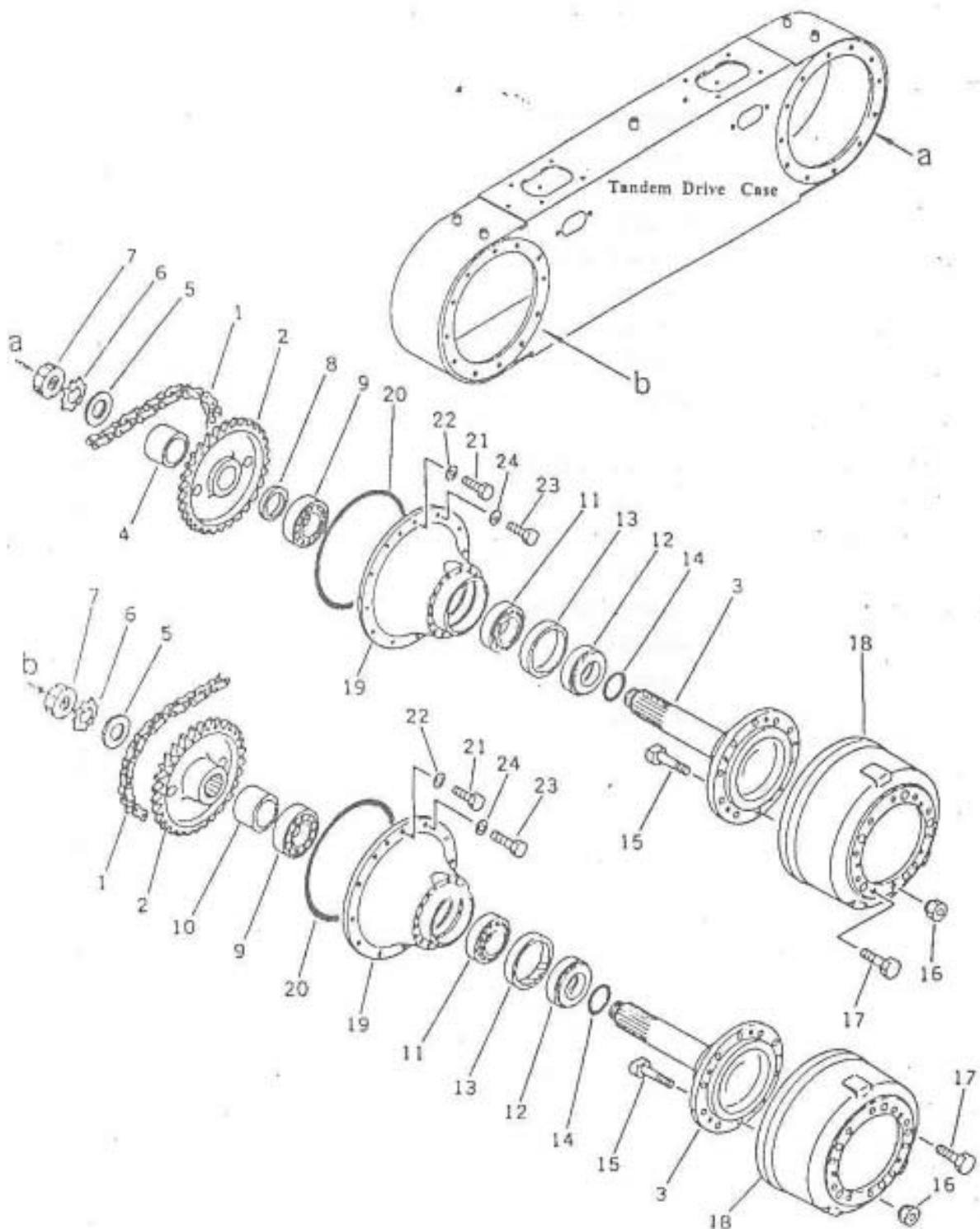
FIG NO. 50 TANDEM DRIVE CASE



TANDEM DRIVE CASE**FIG NO. 50**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-FD-03006	CASE	1	
02	451-FD-11211	COVER	1	
03	451-FD-71225	GASKET	1	
04	CFS01-31230	SCREW	4	
05	CFW01-11236	WASHER SPRING	4	
06	451-FD-03022	COVER	1	
07	451-FD-71225	GASKET	1	
08	CFS01-31230	SCREW	4	
09	CFW01-11236	WASHER, SPRING	4	
10	451-FD-91338	GAGE	1	
11	CHS03-12434	O RING	2	
12	451-FD-11244	COVER	3	
13	451-FD-71233	GASKET	3	
14	CFS01-31230	SCREW	6	
15	CFW01-11236	WASHER SPRING	6	
16	451-FD-03014	COVER	1	
17	451-FD-71233	GASKET	1	
18	CFS01-31230	SCREW	2	
19	CFW01-11236	WASHER SPRING	2	
20	CRB01-10252	BREATHER	1	
21	CPL03-12412	PLUG	1	
22	CHS03-12434	O RING	1	

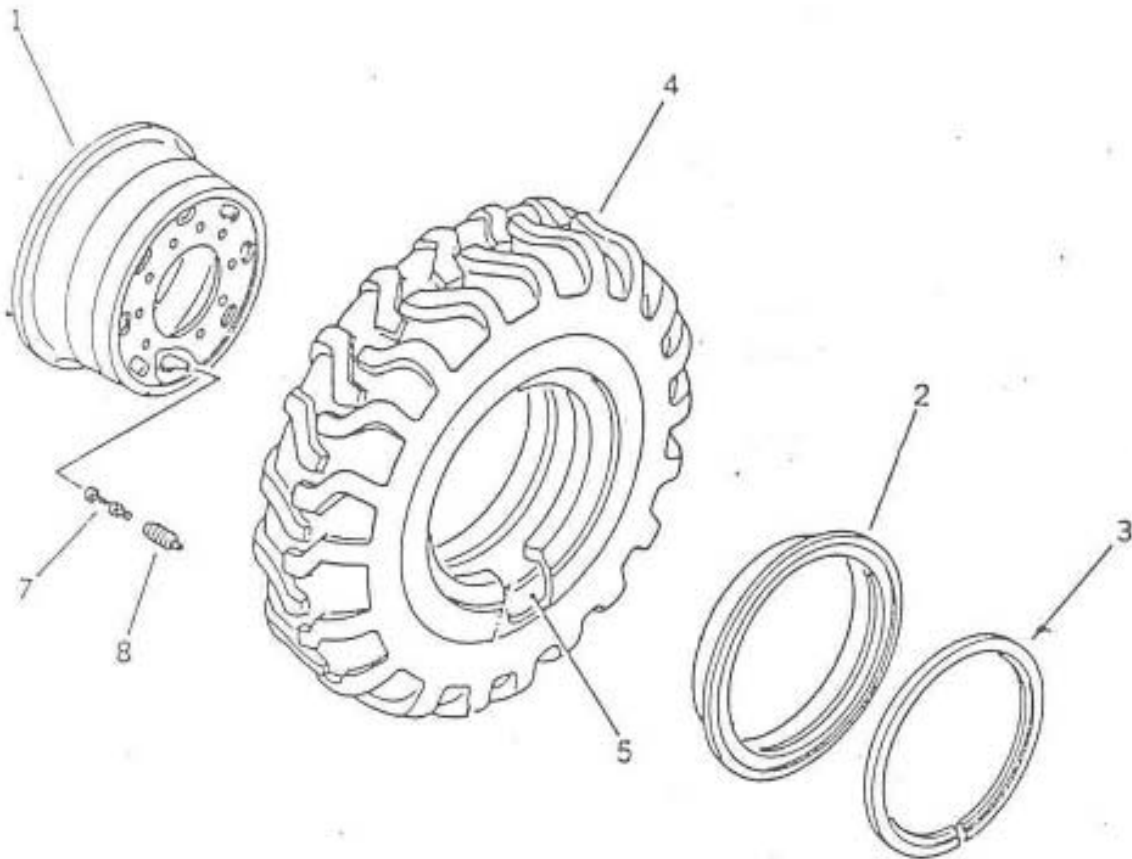
FIG NO. 51 TANDEM DRIVE CASE AND CHAIN



TANDEM DRIVE CASE AND CHAIN**FIG NO. 51**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-FD-91119	CHAINASSY.	2	
02	451-FD-51097	SPROCKET	2	
03	451-FD-51129	SHAFT	2	
04	451-FD-11171	COLLAR	1	
05	451-FD-11017	SPACER	2	
06	CFW21-26823	WASHER	2	
07	CFN40-06814	LOCKNUT	2	
08	451-FD-11163	COLLAR	1	
09	CBT02-32218	BEARING	2	
10	451-FD-11188	COLLAR	1	
11	CBT02-32218	BEARING	2	
12	451-FD-11196	SPACER	2	
13	451-FD-91321	SEAL	2	
14	CHS01-02090	O RING	2	
15	451-FD-11293	BOLT	20	
16	451-FD-11203	NUT	20	
17	CFS01-31020	SCREW	10	
18	451-FD-31308	DRUM	2	
19	451-FD-31146	CAGE	2	
20	CHS01-05400	O RING	2	
21	CFS01-31640	SCREW	20	
22	CFW05-16045	WASHER	20	
23	CFS01-31645	SCREW	4	
24	CFW05-16045	WASHER	4	

FIG NO. 54 WHEEL

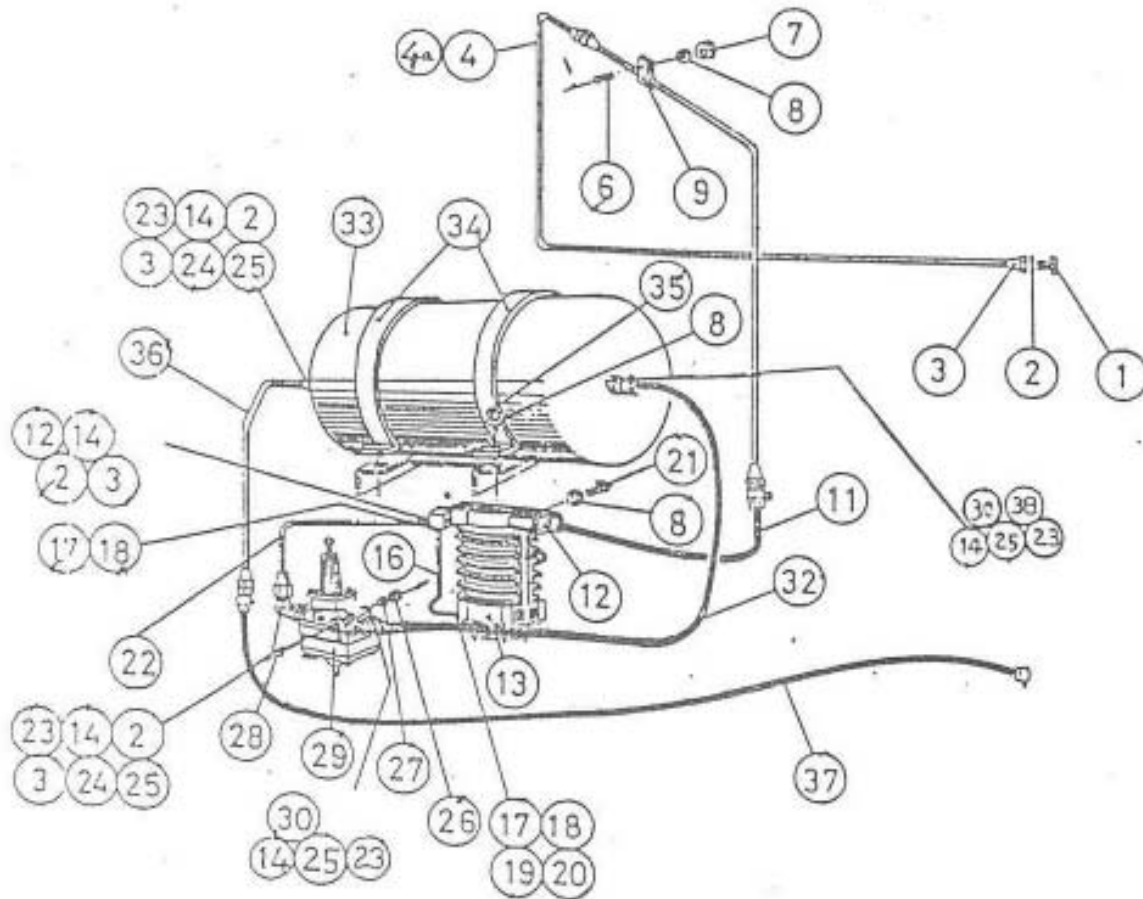


WHEEL

FIG NO. 54

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-WT-11018	RIM	1	
02	451-WT-11026	SIDE RING	1	
03	451-WT-11034	LOCK RING	1	
04	451-WT-61052	TYRE	1	
05	451-WT-61069	TUBE	1	
07	451-WT-11115	VALVE CORE	1	
08	451-WT-21127	VALVE CAP	1	

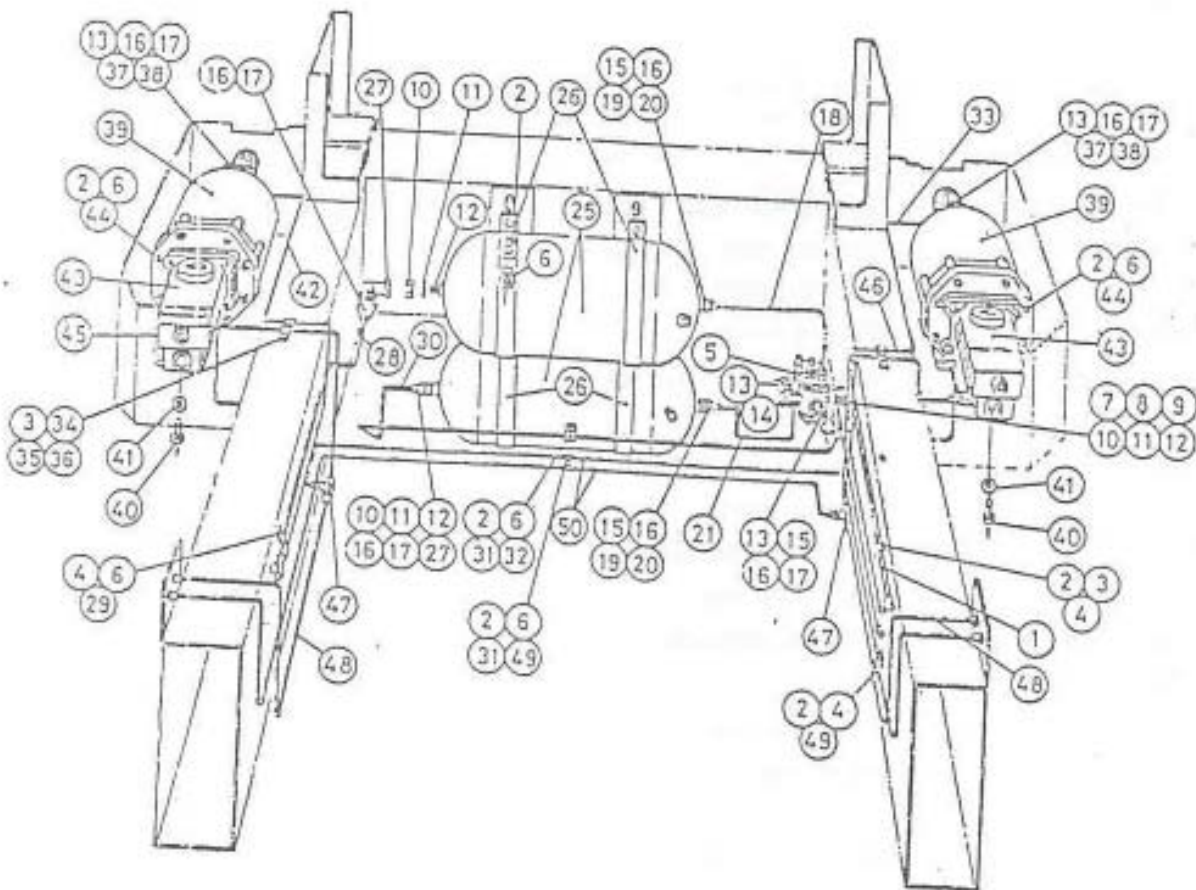
FIG NO. 55 BRAKE PIPING (1/4) FOR AIR OVER HYDRAULIC BRAKE



BRAKE PIPING FOR AIR OVER HYDRAULIC BRAKE
FIG NO. 55

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	935-AS-15736	DOUBLE SOCKET	1	CUMMINS ENGINE
1A	778-AS-01005	UNION BODY	1	BEML ENGINE
02	950-AS-23401	SLEEVE 5/8"	5	BEML ENGINE
03	950-AS-13796	UNION NUT 5/8"	4	BEML ENGINE
04	451-BR-11242	TUBE 5/8"	1	CUMMINS ENGINE
04A	451-ZZ-10887	TUBE 5/8"	1	BEML ENGINE
06	451-BR-11186	WELD STUD M10x20	4	
07	CFN01-21084	HEX. NUT	4	
08	CFN01-11030	SPRING WASHER	11	
09	CCC06-01814	CLAMP	4	
11	950-AS-02699	HOSE ASSY.	1	
12	950-AS-23442	WASHER	2	
13	950-AS-02139	CONDENSING UNIT & DRAIN VALVE	1	
14	950-AS-13617	LOCK NUT	5	
15	—	—	—	
16	—	—	—	
17	950-AS-13228	UNION NUT 1 1/4"	2	
18	950-AS-23231	SLEEVE 1/4"	2	
19	950-AS-13877	UNION BODY	1	
20	950-AS-23012	WASHER M12	1	
21	CFS01-21020	HEX. SCREW M10x20	3	
22	451-BR-11259	TUBE 5/8"	1	
23	950-AS-63984	SEALING RING	2	
24	950-AS-23844	ELBOW BODY	2	
25	950-AS-13999	SPECIAL WASHER	4	
26	CFN01-20868	HEX. NUT M8	2	
27	CFW01-11236	SPRING WASHER	2	
28	CFB01-10880	HEX. BOLT	2	
29	950-AS-02155	COM. UNL VALVE & TYRE INFLATOR	1	
30	950-AS-73703	FIBRE WASHER	2	
32	950-AS-02666	HOSE ASSY.	1	
33	950-AS-02471	RESERVOIR 15 LTR.	1	
34	451-BR-11194	BAND CLAMP	2	
35	CFS01-21035	HEX. BOLT M10x35	4	
36	451-BR-11323	TUBE 5/8"	1	
37	950-AS-02715	HOSE ASSY.	1	
38	950-AS-23686	ELBOW BODY	2	

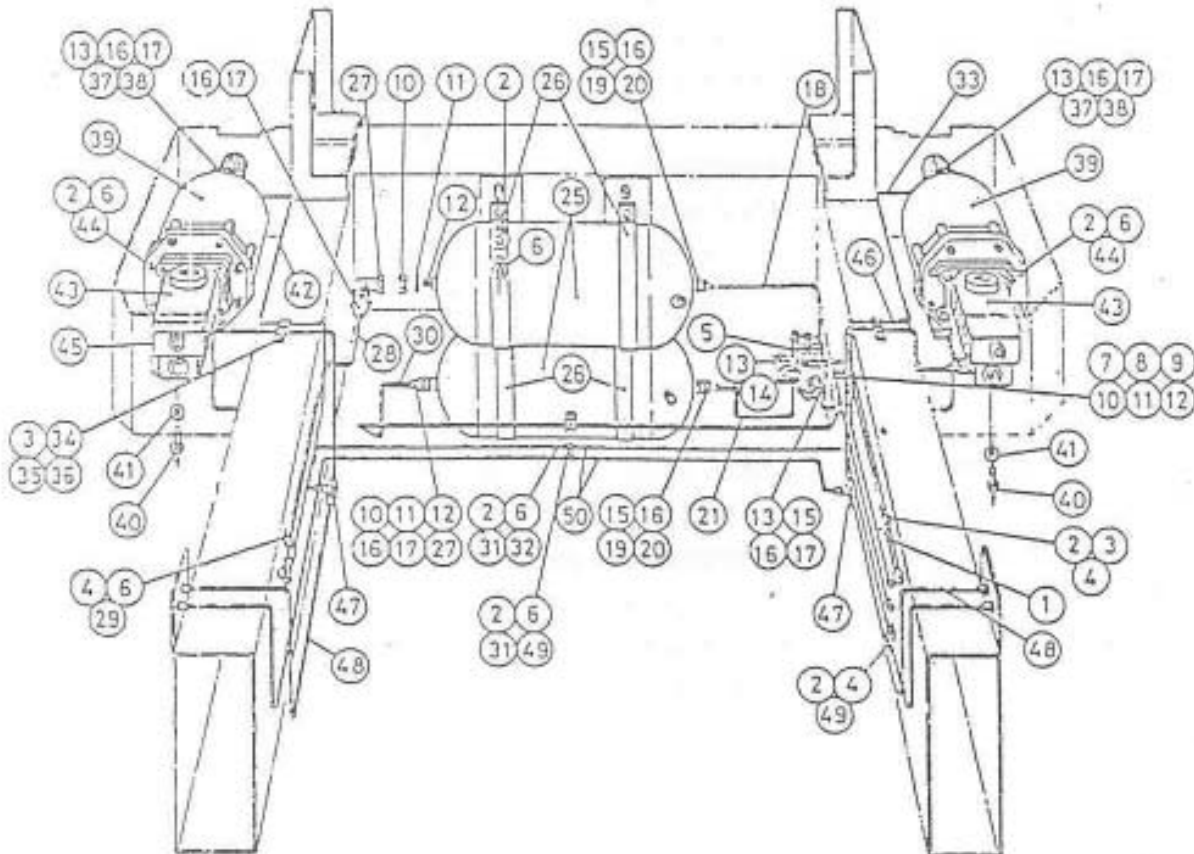
FIG NO. 56 BRAKE PIPING (2/4) (FOR AIR OVER HYDRAULIC)



BRAKE PIPING (2/4) (FOR AIR OVER HYDRAULIC)**FIG NO. 56**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-BR-11372	TUBE 5/8"	1	
02	CFW01-11236	SPRING WASHER	31	
03	CCC06-01814	CLAMP	4	
04	CFS01-20820	HEX. SCREW	10	
05	950-AS-02196	QUADRUPLE SYSTEM	1	
06	CFN01-20868	HEX. NUT 5/8"	21	
07	950-AS-13796	UNION NUT 5/8"	1	
08	950-AS-23401	SLEEVE 5/8"	1	
09	950-AS-23844	ELBOW BODY	1	
10	950-AS-13617	LOCK NUT M22x1.5	3	
11	950-AS-13999	SPECIAL WASHER	3	
12	950-AS-63984	SEALING RING	3	
13	950-AS-23004	WASHER M16	6	
14	950-AS-14054	PLUG M16x1.5	2	
15	950-AS-14135	UNION BODY	2	
16	950-AS-23289	SLEEVE 3/8"	8	
17	950-AS-13277	UNION NUT 3/8"	8	
18	451-BR-11331	TUBE 3/8"	1	
19	950-AS-23442	WASHER M22	2	
20	950-AS-13633	UNION BODY	2	
21	451-BR-11348	TUBE 3/8"	1	
25	950-AS-02406	RESERVOIR 10 LTR.	2	
26	451-BR-11194	BAND CLAMP	4	
27	950-AS-23694	ELBOW BODY	2	
28	451-BR-11234	TUBE 3/8"	1	
29	451-BR-11129	CLIP	4	
30	451-BR-11356	TUBE 3/8"	1	
31	451-BR-11178	WELD STUD	3	
32	CCC05-12110	CLAMP	2	
33	451-BR-11364	TUBE 3/8"	1	
34	451-BR-11186	WELD STUD M10x20	2	
35	CFN01-21084	HEX. NUT M10	2	
36	950-AS-13511	LOCK NUT M16 x 2	2	
37	CFW01-11030	SPRING WASHER	2	
38	950-AS-23686	ELBOW BODY	2	

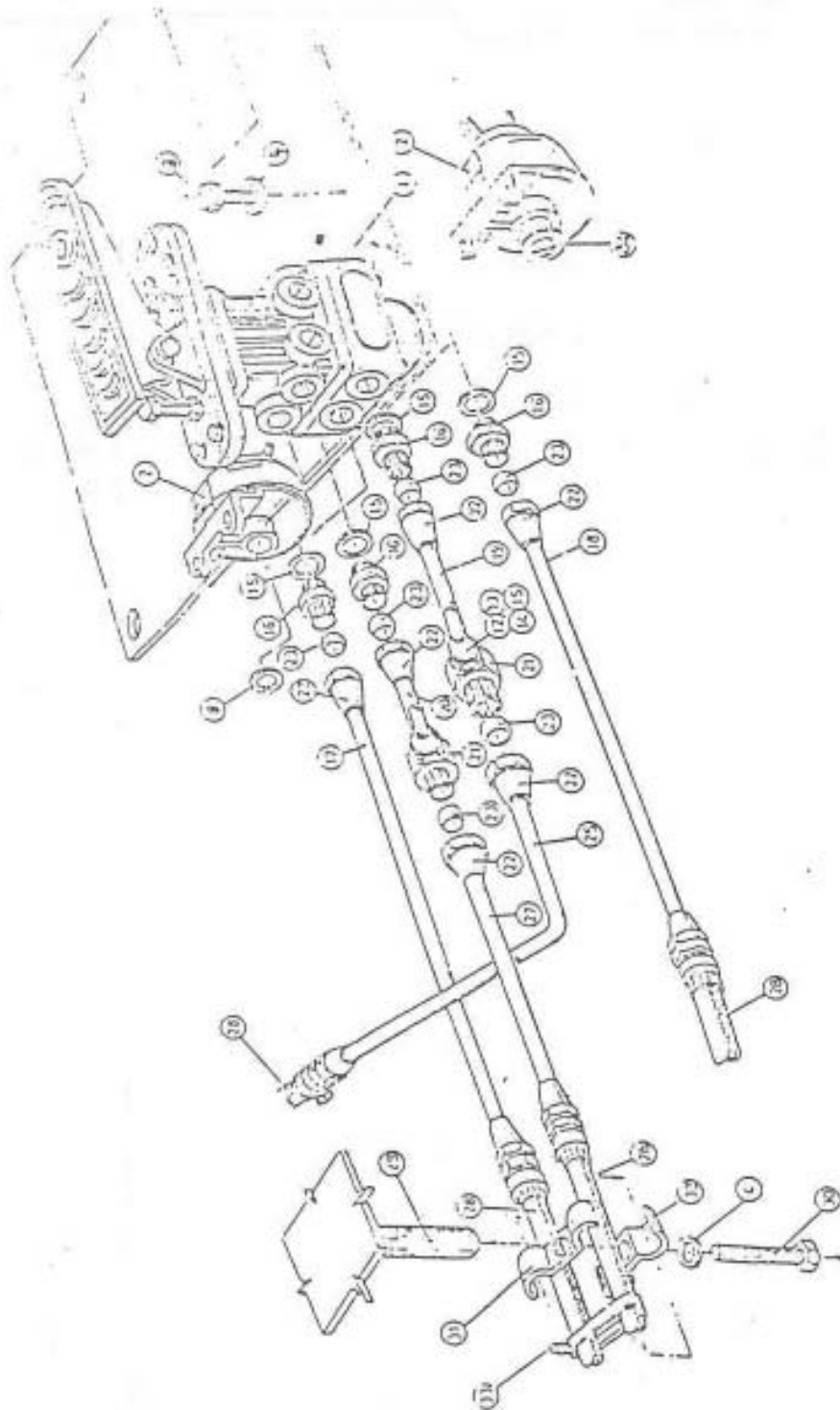
FIG NO. 56 BRAKE PIPING (2/4) (FOR AIR OVER HYDRAULIC)



BRAKE PIPING (2/4) (FOR AIR OVER HYDRAULIC)**FIG NO. 56**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
39	950-AS-02041	SLAVE SERVO	2	
40	CFS01-21230	HEX. SCREW M12x30	6	
41	CFW01-10825	SPRING WASHER	6	
42	451-BR-11226	TUBE 3/8"	1	
43	451-BR-11883	MASTER CYLINDER	2	
44	CFB01-10840	HEX. BOLT M8x 35	8	
45	451-BR-11923	BUNDY PIPE ASSY.	1	
46	451-BR-11891	BUNDY PIPE ASSY.	1	
47	451-BR-11712	THREE WAY UNION	2	
48	451-BR-11931	BUNDY PIPE ASSY.	2	
49	451-BR-11153	CLIP	10	
50	451-BR-11915	BUNDY PIPE ASSY.	2	
	451-SK-01112	MASTER CYLINDER MAJOR KIT	1	
	451-SK-01129	MASTER CYLINDER MINOR KIT	1	

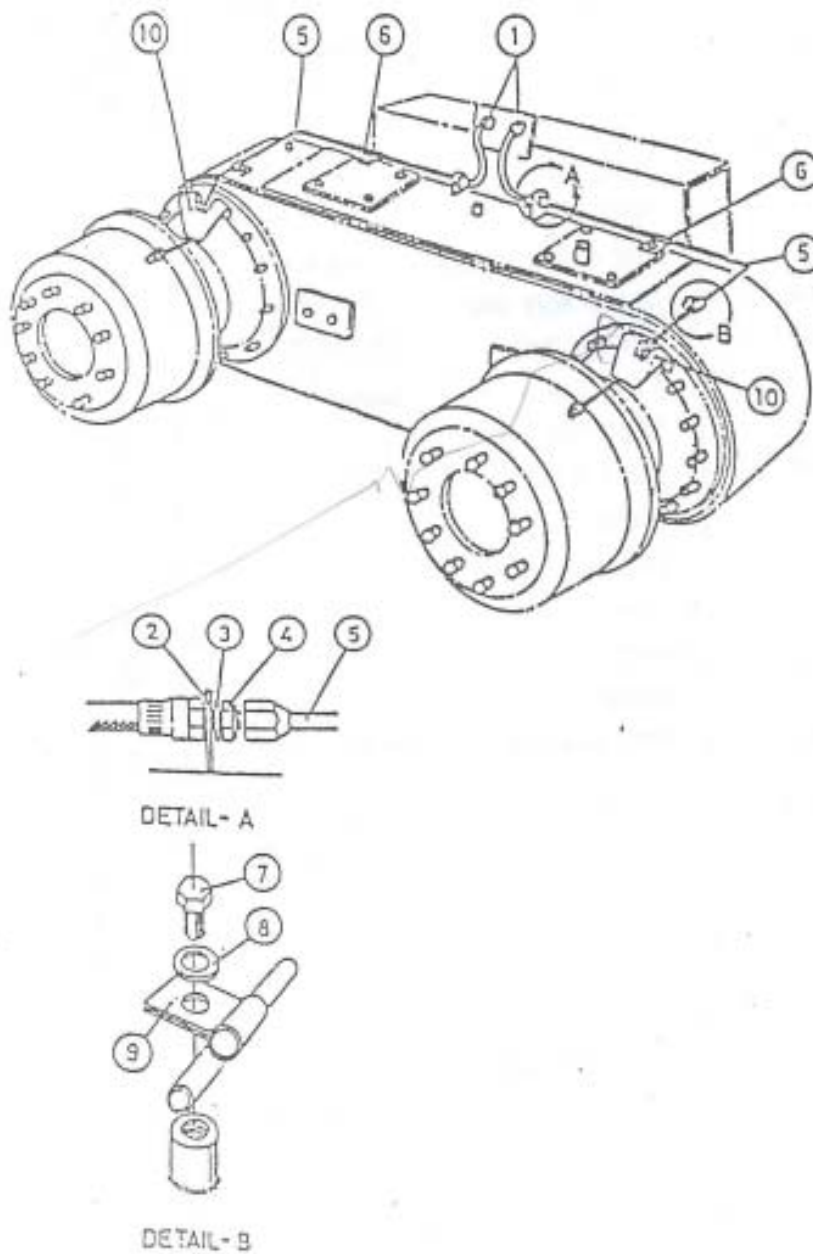
FIG NO. 57 BRAKE PIPING (3/4) (FOR AIR OVER HYDRAULIC)



BRAKE PIPING (3/4) (FOR AIR OVER HYDRAULIC)**FIG NO. 57**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	950-AS-02528	DUAL BRAKE VALVE	1	
02	950-AS-02074	STOP LIGHT SWITCH	2	
03	CFS01-20825	HEX. SCREW M8 x25	3	
04	CFW01-11236	SPRING WASHER	5	
12	950-AS-13869	UNION BODY	2	
13	950-AS-23401	SLEEVE 1/4"	2	
14	950-AS-13796	UNION NUT 1/4"	2	
15	950-AS-23004	WASHER M16	6	
16	950-AS-14135	UNION BODY	4	
17	451-BR-11291	TUBE 3/8"	1	
18	451-BR-11283	TUBE 3/8"	1	
19	451-BR-11275	TUBE 3/8"	1	
20	451-BR-11267	TUBE 3/8"	1	
21	950-AS-13414	TEE CONNECTOR	2	
22	950-AS-13277	UNION NUT 3/8"	8	
23	950-AS-23289	SLEEVE 3/8"	8	
25	451-BR-11315	TUBE 3/8"	1	
27	451-BR-11307	TUBE 3/8"	1	
28	950-AS-02658	HOSE ASSY.	4	
29	451-BR-11201	BOSS	2	
30	CFB01-10840	HEX. BOLT M8x35	2	
31	451-BR-02024	CLIP	2	
32	451-BR-02032	CLIP	2	
33	CCC10-00834	BAND	4	
34	950-AS-23207	WASHER M14	2	

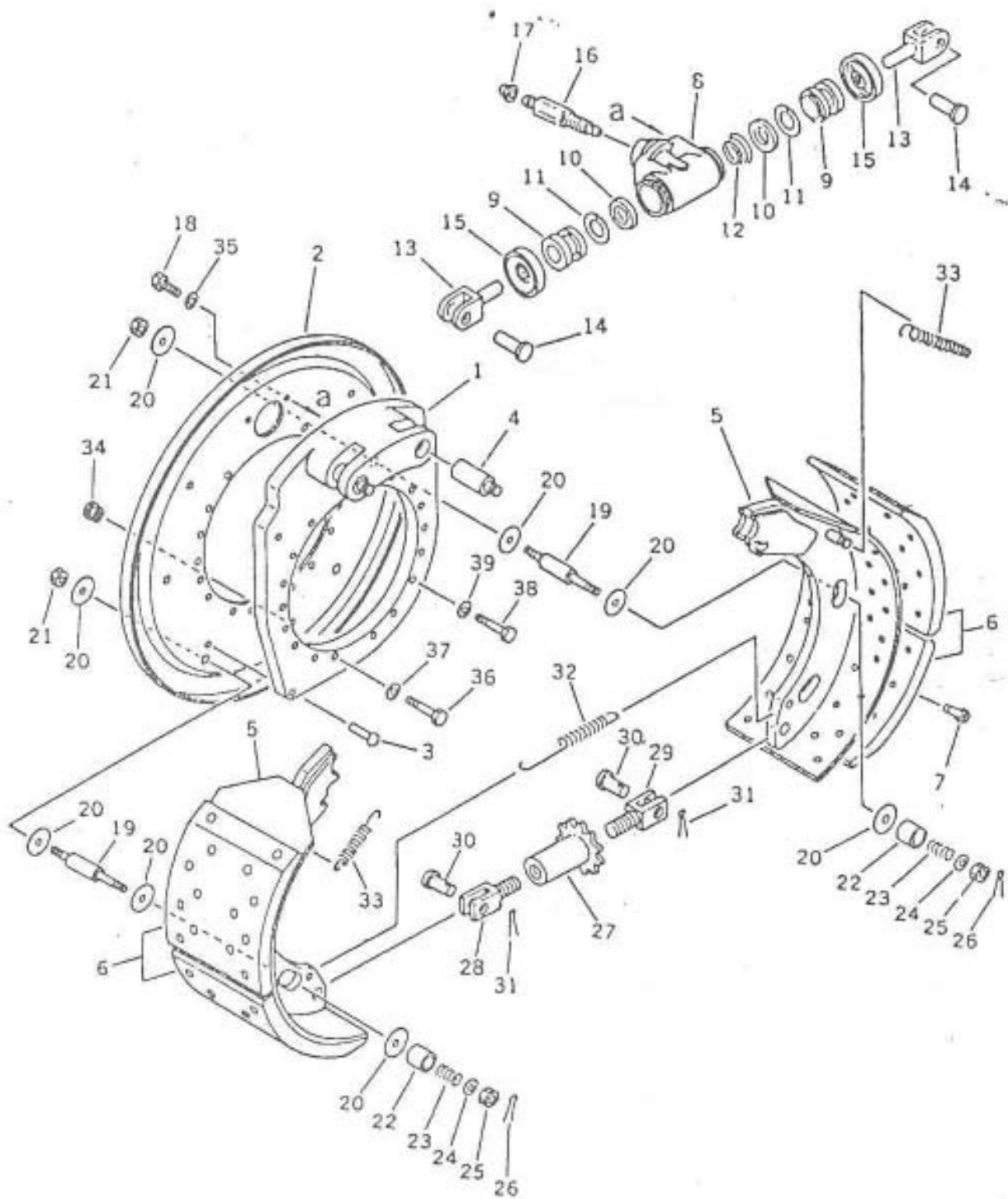
FIG NO. 58 BRAKE PIPING (4/4) (FOR AIR OVER HYDRAULIC)



BRAKE PIPING (4/4) (FOR AIR OVER HYDRAULIC)**FIG NO.58**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-BR-11948	HOSE ASSY.	4	
02	935-AS-16521	BRACKET BENT	4	
03	935-AS-16675	SHAKE PROOF WASHER	8	
04	935-AS-16731	LOCK NUT	8	
05	451-BR-11907	BUNDY PIPE ASSY.	4	
06	CCC05-08020	CLAMP	8	
07	CFS01-20612	HEX. SCREW M6 x12	8	
08	CFW01-10619	WASHER	8	
09	451-BR-11153	CLIP	4	
10	451-BR-11137	PROTECTOR	4	

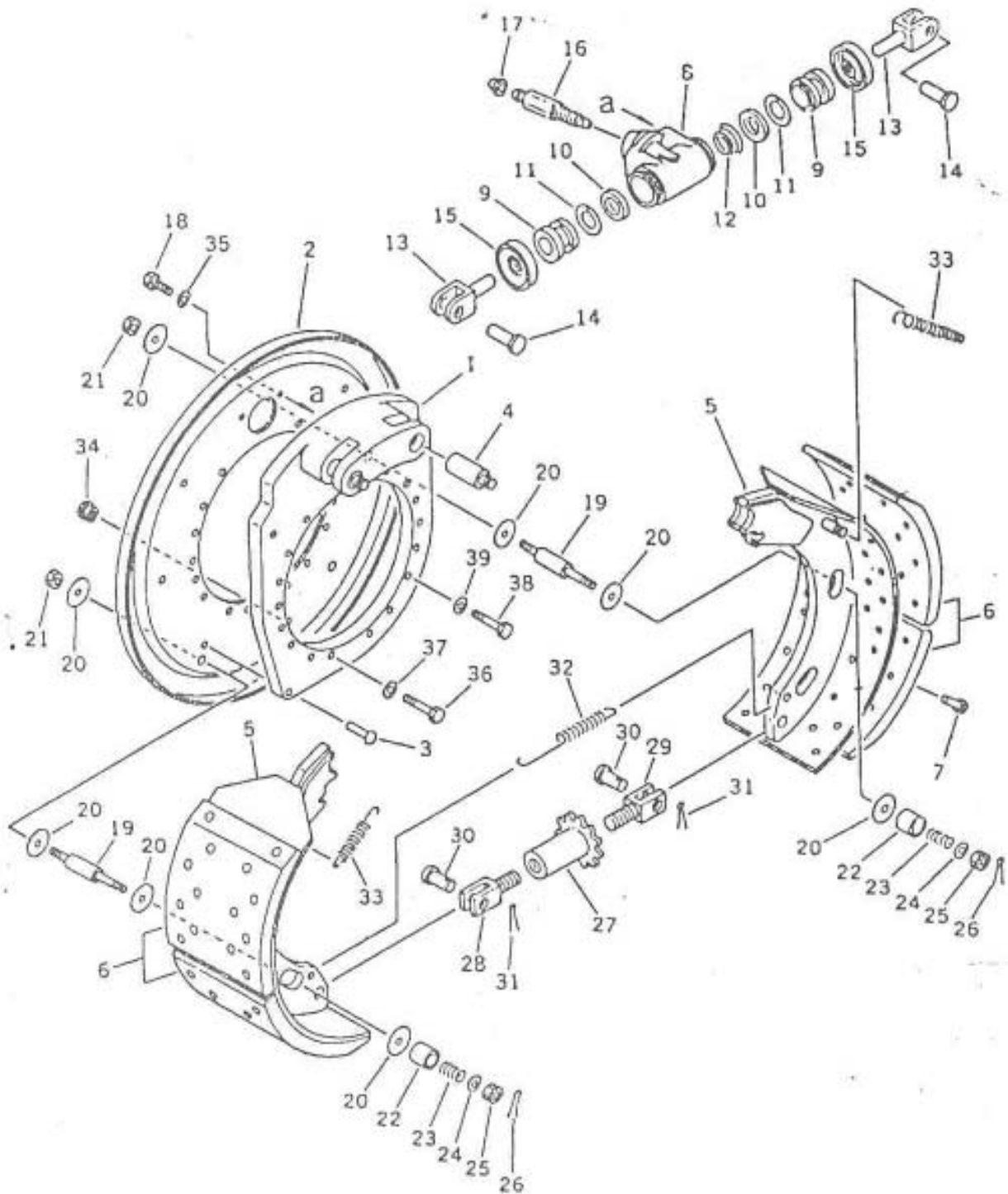
FIG NO. 59 WHEEL BRAKE



WHEEL BRAKE
FIG NO. 59

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-FD-02026	WHEEL BRAKE ASSY.	4	
01	451-FD-12062	PLATE	1	
02	451-FD-12079	COVER	1	
03	CFR01-00830	RIVET	3	
04	451-FD-12087	PIN	2	
	451-FD-03103	SHOE ASSY.	2	
05	451-FD-22099 *	SHOE	1	
06	451-FD-12102 *	LININING	2	
07	CFR06-00614 *	RIVET	28	
	451-FD-03111	WHEEL CYLINDER ASSY.	1	
08	451-FD-32118 *	BODY	1	
09	451-FD-12127 *	PISTON	2	\$
10	451-FD-12135 *	CUP	2	\$ \$
11	451-FD-12143 *	BACK UP RING	2	\$ \$
12	451-FD-12151 *	SPRING	1	\$ \$
13	451-FD-12168 *	ROD	2	
14	451-FD-12176 *	PIN	2	
15	451-FD-62186 *	BOOT	2	\$ \$
16	451-FD-12192 *	VALVE	1	\$
17	451-FD-12208 *	CAP	1	\$
18	CFB01-20835	BOLT	2	
19	451-FD-12216	GUIDE PIN	4	
20	451-FD-12224	WASHER	16	
21	CFN01-21211	NUT	4	
22	451-FD-12232	COLLAR	4	
23	451-FD-12249	SPRING	4	
24	CFW02-11020	WASHERR	4	
25	CFN36-11008	NUT	4	
26	CFP01-12015	PIN COTTER	4	
27	451-FD-12257 *	GEAR, ADJUSTER	1	
28	451-FD-12265 *	YOKE	1	
29	451-FD-12273 *	YOKE	1	
30	451-FD-12281 *	PIN	2	
31	CFP01-13025	PIN, COTTER	2	
32	451-FD-12298 *	SPRING	1	
33	451-FD-12305 *	SPRING	2	
34	451-FD-12313 *	PLUG	3	

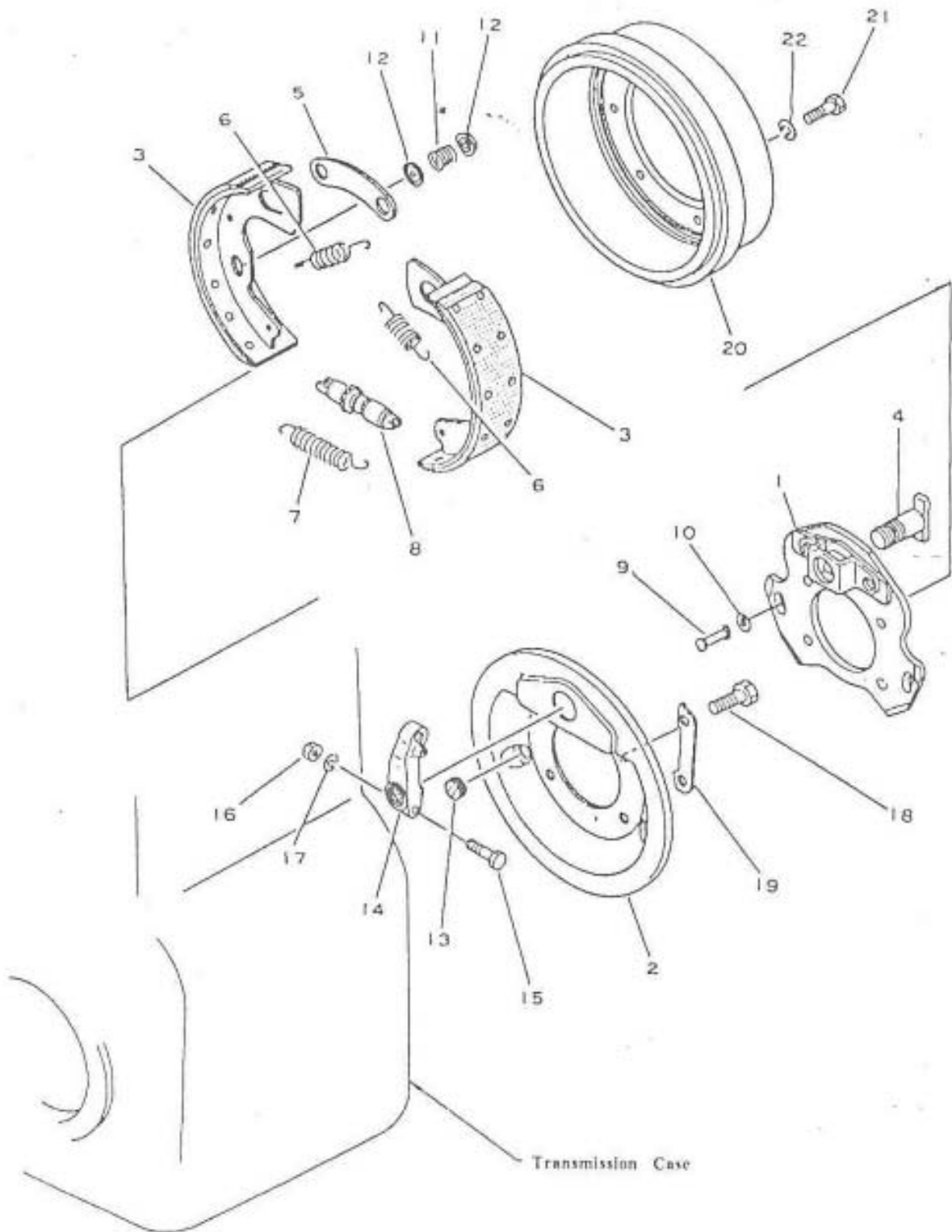
FIG NO. 59 WHEEL BRAKE



WHEEL BRAKE**FIG NO. 59**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
35	CFW01-10825	WASHER, SPRING	2	
36	451-FD-12321	BOLT	24	
37	451-FD-12338	WASHER	24	
38	451-FD-12346	BOLT	40	
39	CFW05-10032	WASHER	40	
	451-FD-00106	SEAL KIT MAJOR WHEEL CYLINDER	01	\$ MARKED
	451-FD-00114	SEAL KIT MAJOR WHEEL CYLINDER	01	\$ \$ MARKED

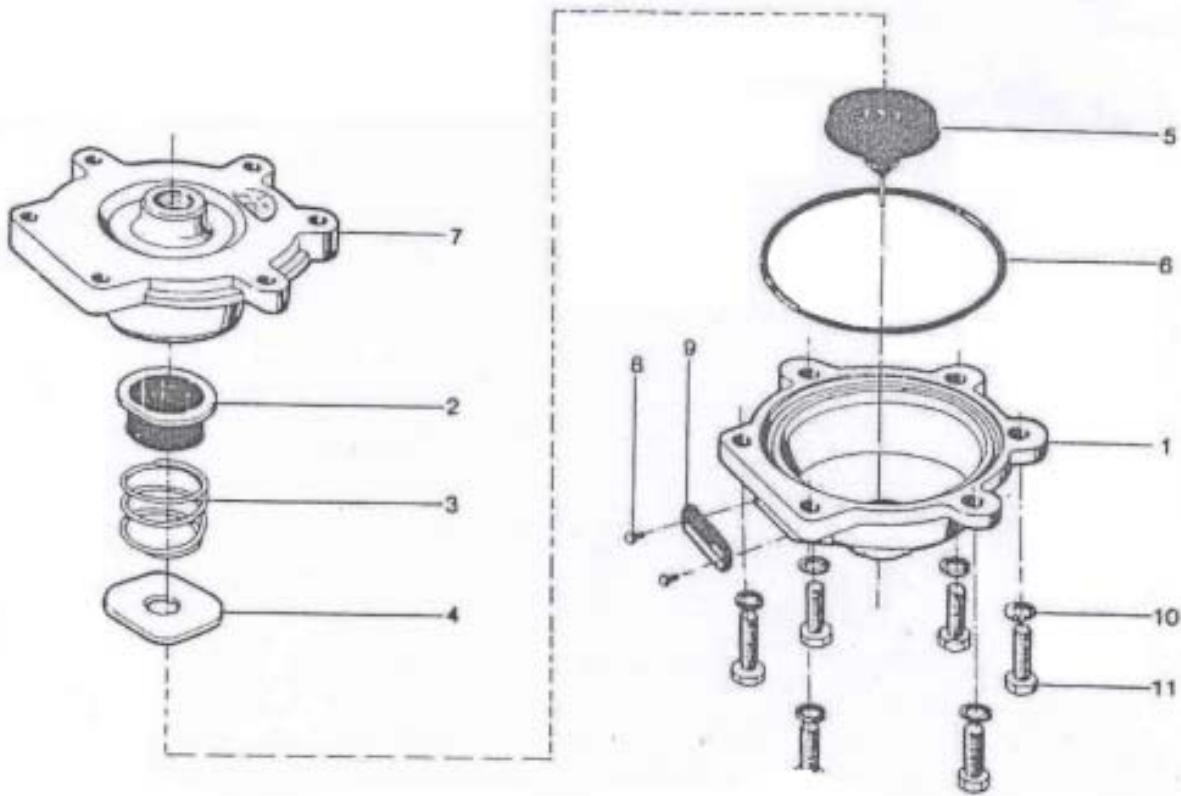
FIG NO. 60 PARKING BRAKE



PARKING BRAKE**FIG NO. 60**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-TM-02035	PARKING BRAKE ASSY.	1	
01	451-TM-03348 *	SUPPORT PLATE ASSY.	1	
02	451-TM-13879 *	PLATE, BLACK	1	
03	451-TM-03307 *	SHOE ASSY.	1	
04	451-TM-13887 *	SHAFT, CAM	2	
05	451-TM-13895 *	BLADE	1	
06	451-TM-13902 *	SPRING	2	
07	451-TM-13919 *	SPRING	1	
08	451-TM-13927 *	ADJUST SCREW ASSY.	1	
09	451-TM-13935 *	PIN	2	
10	451-TM-13943 *	WASHER	2	
11	451-TM-13951 *	SPRING	2	
12	451-TM-13968 *	SEAT	4	
13	451-TM-13976 *	GROMMET	2	
14	451-TM-13984 *	ARM	1	
15	451-TM-13992	BOLT	1	
16	451-TM-14007	NUT	1	
17	CFW01-11030	WASHER, SPRING	1	
18	451-TM-14015	BOLT	4	
19	451-TM-14023 *	LOCK	2	
20	451-TM-34039	DRUM	1	
21	CFB07 21430	BOLT	6	
22	CFW01-11442	WASHER, SPRING	6	

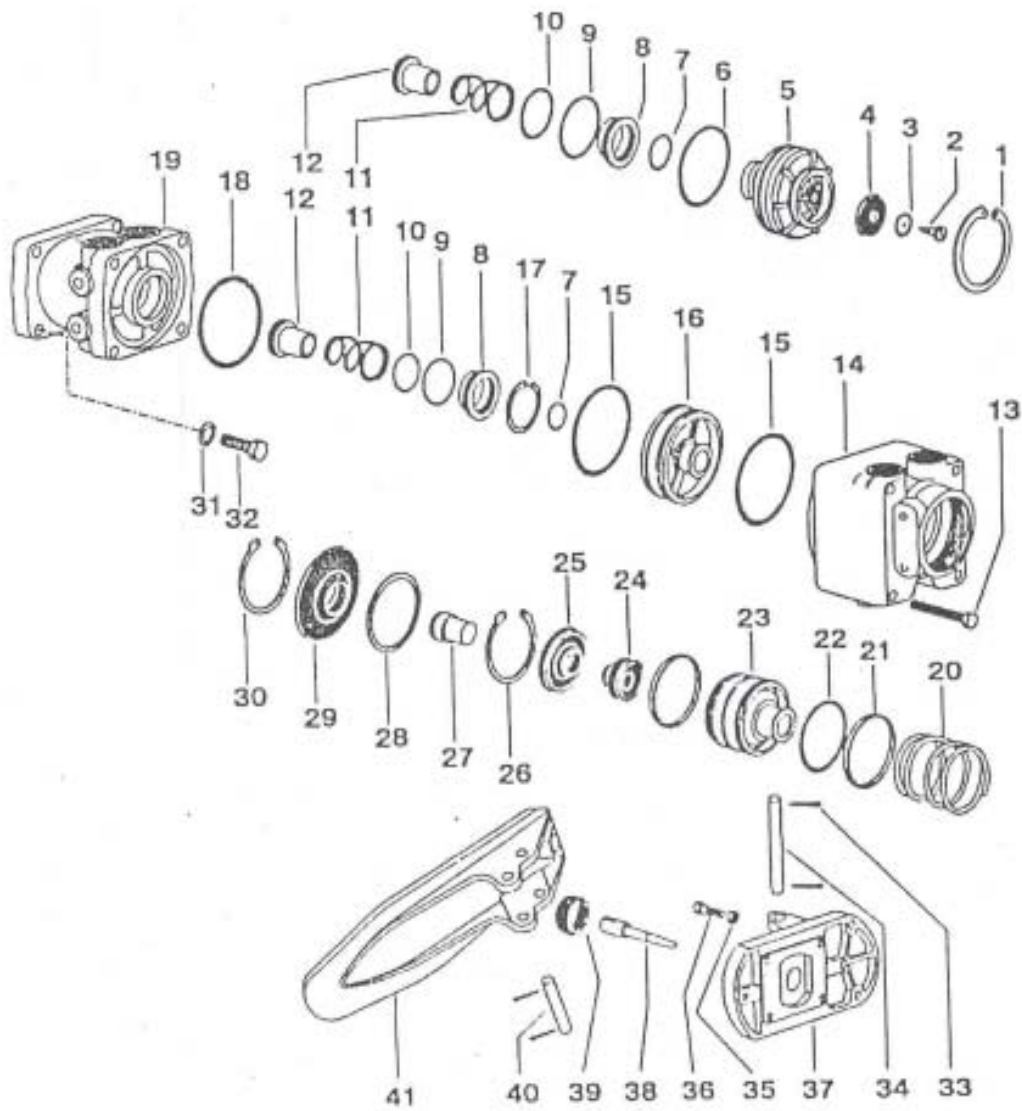
FIG NO. 60A AUTOMATIC DRAIN VALVE



AUTOMATIC DRAIN VALVE (950-AS-02285)**FIG NO. 60A**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	950-AS-11608	BODY	1	
02	950-AS-11624 *	FILTER	1	
03	950-AS-11632	SPRING	1	
04	950-AS-11649 *	SPRING SEAT	1	
05	950-AS-10385 *	SEAL	1	
06	950-AS-14443 *	SEALING RING	1	
07	950-AS-11616	COVER	1	
08	950-AS-13147	HAMMER HEAD SCREW	2	
09	950-AS-12345	NAME PLATE	1	
10	950-AS-13074	SPRING WASHER	6	
11	950-AS-14532	SCREW	6	
12	950-SK-00116	SERVICE KIT (* MARKED ITEMS)	1	

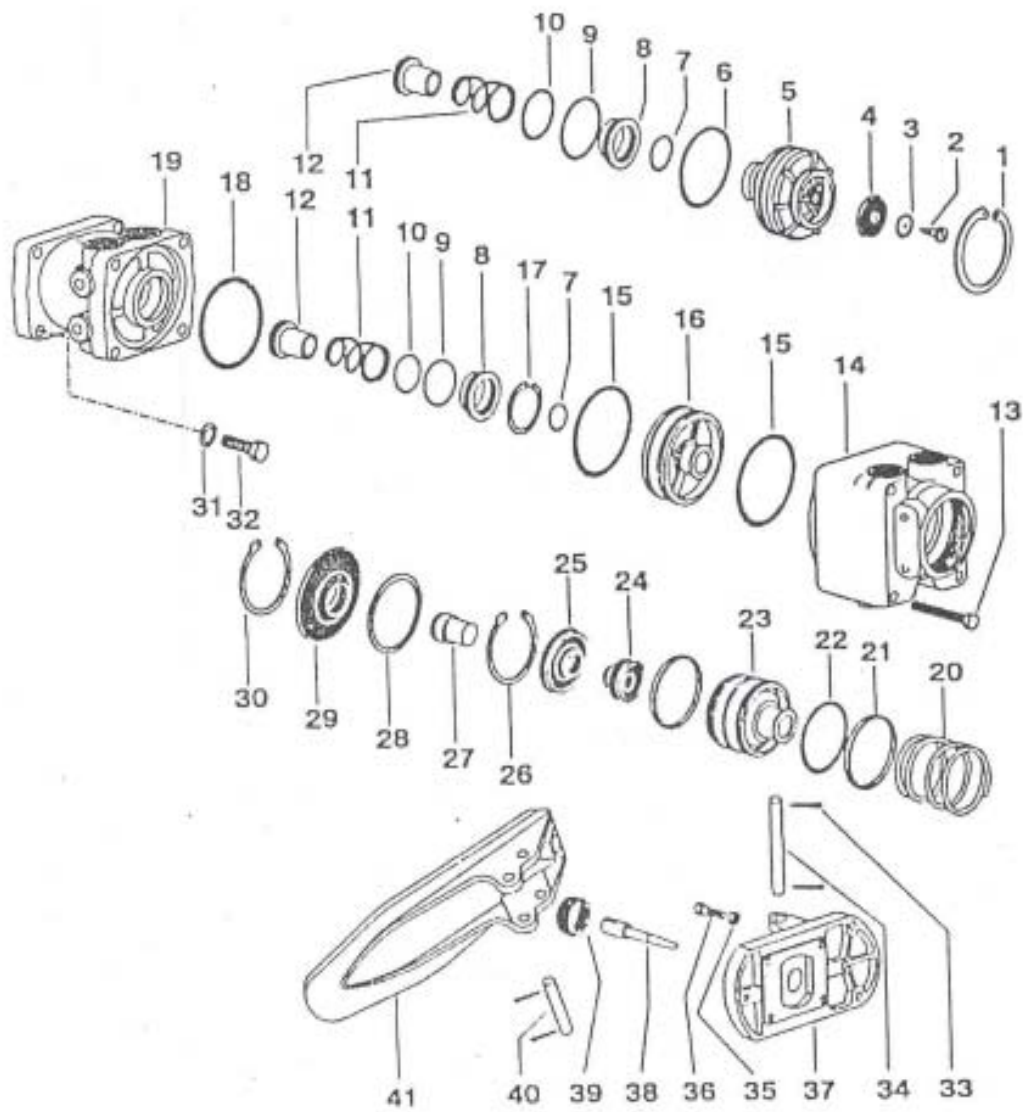
FIG NO. 60B DUAL BRAKE VALVE



DUAL BRAKE VALVE (950-AS-02528)**FIG NO. 60B**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	950-AS-12134 *	INTERNAL CIRCLIP	1	
02	950-AS-14313	SELF TAPPING SCREW	1	
03	950-AS-12418	CAP	1	
04	950-AS-12297 *	WASHER	1	
05	950-AS-12401	VENTING GUIDE	1	
06	950-AS-62128 *	O RING	1	
07	950-AS-62111 *	O RING	2	
08	950-AS-12086	SEALING RING SPACER	2	
09	950-AS-62096 *	O RING	2	
10	950-AS-62103 *	O RING	2	
11	950-AS-12078 *	CONICAL SPRING	2	
12	950-AS-12053 *	VALVE	2	
13	950-AS-12175	SCREW	4	
14	950-AS-12434	BODY LOWER	1	
15	950-AS-62152 *	O RING	2	
16	950-AS-12142	PISTON	1	
17	950-AS-12312 *	INTERNAL CIRCLIP	1	
18	950-AS-62169 *	O RING	1	
19	950-AS-12426	BODY UPPER	1	
20	950-AS-12256	SPRING	1	
21	950-AS-12248 *	GUIDE RING	2	
22	950-AS-62233 *	O RING	1	
23	950-AS-12183	PISTON	1	
24	950-AS-12191 *	RUBBER SPRING	1	
25	950-AS-12207 *	SPRING SEAT	1	
26	950-AS-12223 *	INTERNAL CIRCLIP	1	
27	950-AS-12215	STEM	1	
28	950-AS-12264	SPACER	1	
29	950-AS-62274 *	BOOT	1	
30	950-AS-12289 *	INTERNAL CIRCLIP	1	
31	950-AS-13122	SPRING WASHER	4	
32	950-AS-13163	SCREW	4	
33	950-AS-13455	SPLIT PIN	4	
34	950-AS-12361	PIN	1	

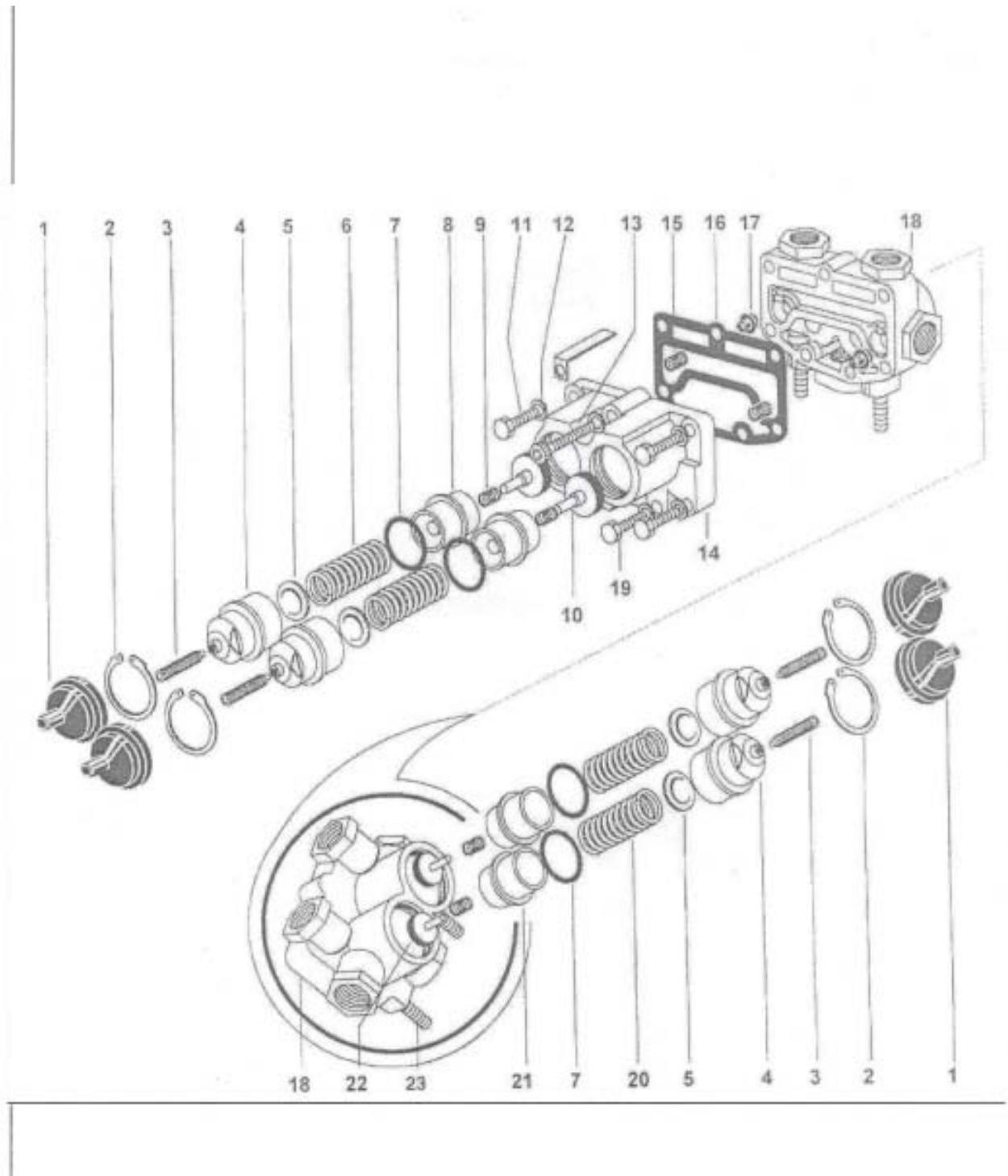
FIG NO. 60B DUAL BRAKE VALVE



DUAL BRAKE VALVE (950-AS-02528)**FIG NO. 60B**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
35	950-AS-13155	NUT	1	
36	950-AS-13163	SCREW	1	
37	950-AS-12061	MOUNTING PLATE	1	
38	950-AS-12394	PLUNGER	1	
39	950-AS-62793 *	BOOT	1	
40	950-AS-12353	PIN	1	
41	950-AS-12386	TREADLE	1	
42	950-SK-00181 *	REPAIR KIT (* MARKED ITEMS)	1	

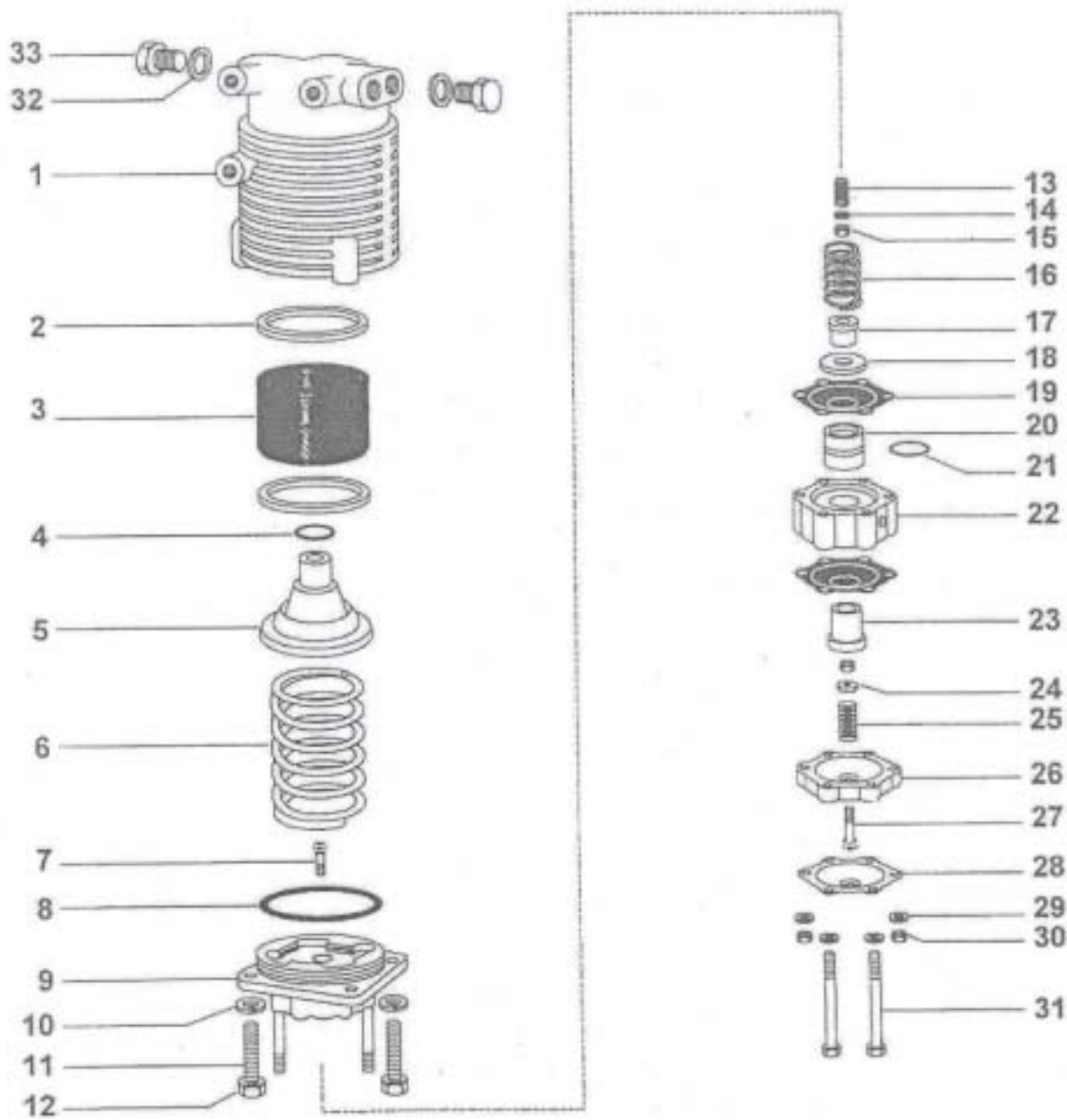
FIG NO. 60C SYSTEM PROTECTION VALVE



SYSTEM PROTECTION VALVE (950-AS-02196)**FIG NO. 60C**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	950-AS-60952 *	GAITER	4	
02	950-AS-14119	INTERNAL CIRCLIP	4	
03	950-AS-14127	HEX SOCKET SET SCREW	4	
04	950-AS-10344	TOP COVER	4	
05	950-AS-10969	SPRING RETAINER	4	
06	950-AS-11365	GRADUATING SPRING	2	
07	950-AS-64283 *	O RING	4	
08	950-AS-10977	RAM	2	
09	950-AS-11024 *	SPRING	4	
10	950-AS-10311 *	VALVE	2	
11	950-AS-14013	HEX. HEAD SCREW	4	
12	950-AS-13074	SPRING WASHER	7	
13	950-AS-14176	HEX.SOCKET HEAD CAP SCREW	1	
14	950-AS-11032	VALVE BODY & BOTTOM COVER	1	
15	950-AS-10993 *	CHECK VALVE SPRING	2	
16	950-AS-11057 *	JOINT	1	
17	950-AS-10985 *	CHECK VALVE	2	
18	950-AS-11049	VALVE BODY	1	
19	950-AS-14265	HEX. HEAD SCREW	2	
20	950-AS-11008	GRADUATING SPRING	2	
21	950-AS-10944	RAM	2	
22	950-AS-10328 *	VALVE	2	
23	950-AS-14102	STUD	2	
24	950-SK-00076	REPAIR KIT (* MARKED ITEMS)	2	

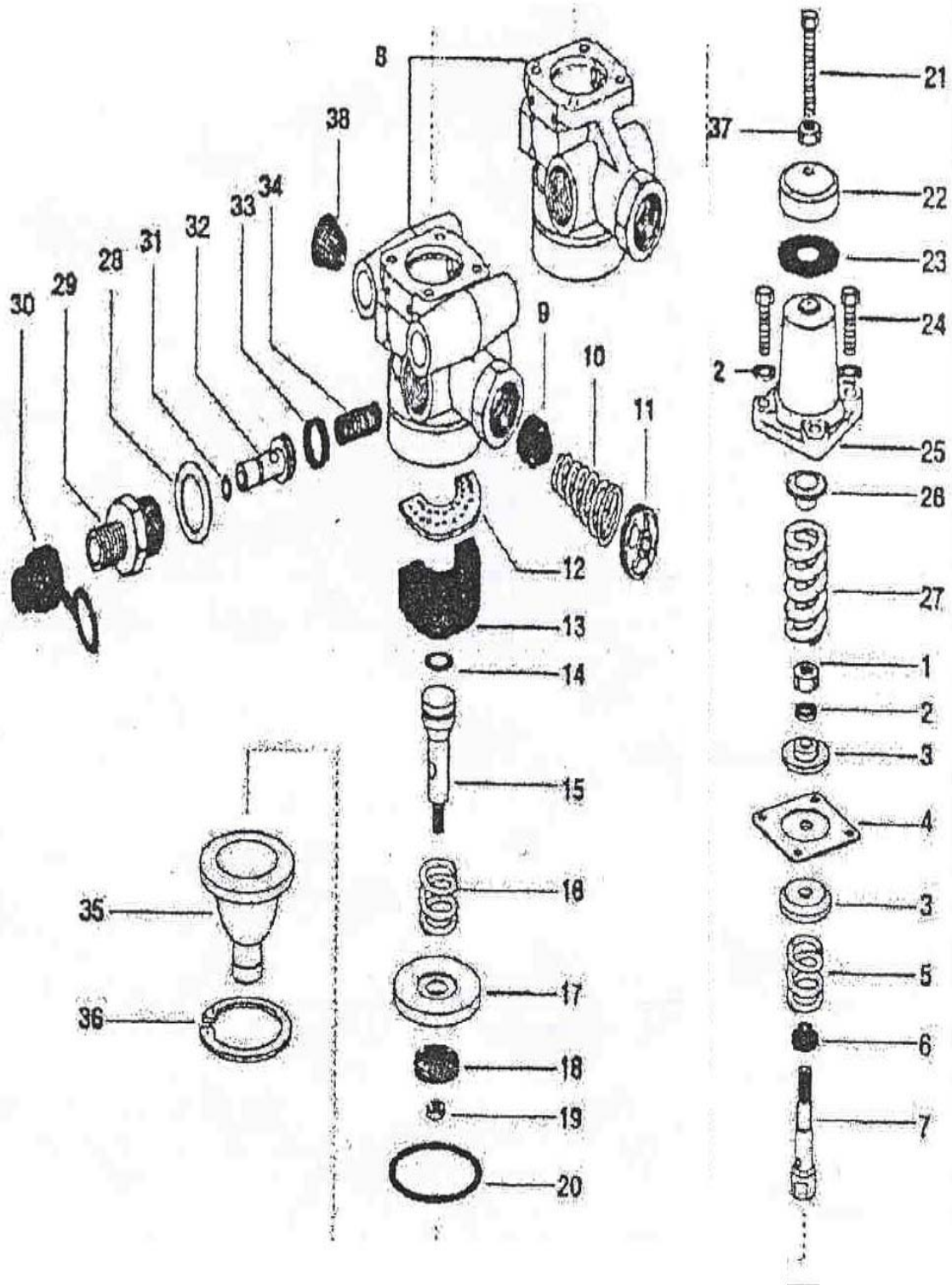
FIG NO. 60D CONDENSOR AND AUTO DRAIN VALVE



CONDENSOR AND AUTO DRIVE VALVE (950-AS-02139)**FIG NO. 60D**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	950-AS-10588	CYLINDER	1	
02	950-AS-10514 *	SEALING RING	2	
03	950-AS-05111 *	FILTER ASSY.	1	
04	950-AS-63765 *	SEALING RING	1	
05	950-AS-10563	FILTER RETAINER	1	
06	950-AS-10693	SPRING	1	
07	950-AS-10288 *	UPPER VALVE	1	
08	950-AS-63757 *	SEALING RING	1	
09	950-AS-10555	CYL. BASE PLATE	1	
10	950-AS-12986	SPRING WASHER	4	
11	950-AS-13917	BOLT	4	
12	950-AS-13771	STUD	2	
13	950-AS-10685 *	SPRING UPPER VALVE	1	
14	950-AS-10603	SPRING RETAINER	1	
15	950-AS-13722 *	NUT	2	
16	950-AS-10669	RETURN SPRING	1	
17	950-AS-10628	VALVE CENTER GUIDE	1	
18	950-AS-10571	DIAPHRAM PLATE	1	
19	950-AS-10547 *	DIAPHRAM	2	
20	950-AS-10596	PLUNGER	1	
21	950-AS-63742 *	SEALING RING	1	
22	950-AS-10539	DRAIN VALVE BODY	1	
23	950-AS-10822	DIAPHRAM RETAINER	1	
24	950-AS-10644 *	SPRING RETAINER	1	
25	950-AS-10677 *	SPRING LOWER VALVE	1	
26	950-AS-10652	VALVE BOTTOM COVER	1	
27	950-AS-10296 *	LOWER VALVE	1	
28	950-AS-10636	DRAIN CAP	1	
29	950-AS-13074	SPRING WASHER	6	
30	950-AS-13082	NUT	2	
31	950-AS-12175	SCREW	4	
32	950-AS-23442	WASHER	2	
33	950-AS-13496	PLUG	2	
34	950-SK-00027	REPAIR KIT (* MARKED ITEMS)	1	

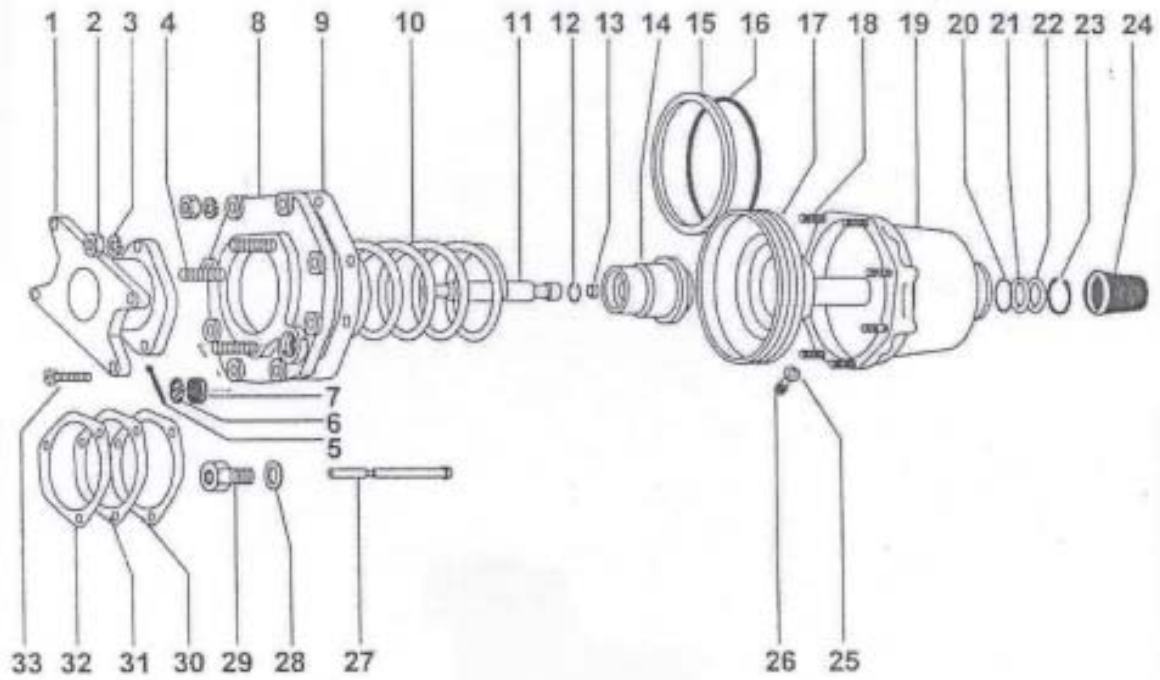
FIG NO. 60E UNLOADER VALVE WITH TYRE INFLATOR



UNLOADER VALVE WITH TYRE INFLATOR (950-AS-02155)**FIG NO. 60E**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	950-AS-13082	HEX. NUT	1	
02	950-AS-13074	SPRING WASHER	1	
03	950-AS-11202	FOLLOWER	1	
04	950-AS-11227 *	DIAPHRAGM	1	
05	950-AS-12678	SPRING	1	
06	950-AS-10358 *	VALVE	1	
07	950-AS-11243	GOVERNOR PLUNGER	1	
08	950-AS-11219	VALVE BODY	1	
09	950-AS-05306 *	NON-RETURN VALVE	1	
10	950-AS-10466 *	CONICAL SPRING	6	
11	950-AS-11121	VALVE STOP AND SPRING RETAINER	6	
12	950-AS-11316	FILTER RETAINER	1	
13	950-AS-11308 *	FILTER	1	
14	950-AS-62339 *	O RING	1	
15	950-AS-11851	UNLOADER PLUNGER	1	
16	950-AS-11292	COMPRESSION SPRING	1	
17	950-AS-11843	VALVE SEAT	1	
18	950-AS-10369 *	VALVE	1	
19	950-AS-13066	HEX. NYLOCK NUT	1	
20	950-AS-62322 *	O RING	4	
21	950-AS-11519	ADJUSTMENT NUT SCREW	4	
22	950-AS-11268	CUP	1	
23	950-AS-11235 *	EXHAUST FLAP	1	
24	950-AS-14013	HEX. SCREW	1	
25	950-AS-11179	TOP COVER	1	
26	950-AS-11276	SPRING GUIDE	1	
27	950-AS-11251	COMPRESSION SPRING	1	
28	950-AS-23442 *	SEALING RING	1	
29	950-AS-11332	ADAPTOR	1	
30	950-AS-10506 *	DUST CAP	1	
31	950-AS-63473 *	O RING	1	
32	950-AS-11349	TYRE INFLATOR PLUNGER	1	
33	950-AS-11324 *	VALVE	2	
34	950-AS-10499	TYRE INFLATOR VALVE SPRING	1	
35	950-AS-11187	BASE COVER	1	
36	950-AS-14305	INTERNAL CIRCLIP	1	
37	950-AS-14298	HEX.LOCK NUT	1	
38	950-AS-11413 *	STRAINER	4	
39	950-SK-00084	REPAIR KIT (* MARKED ITEMS)	1	

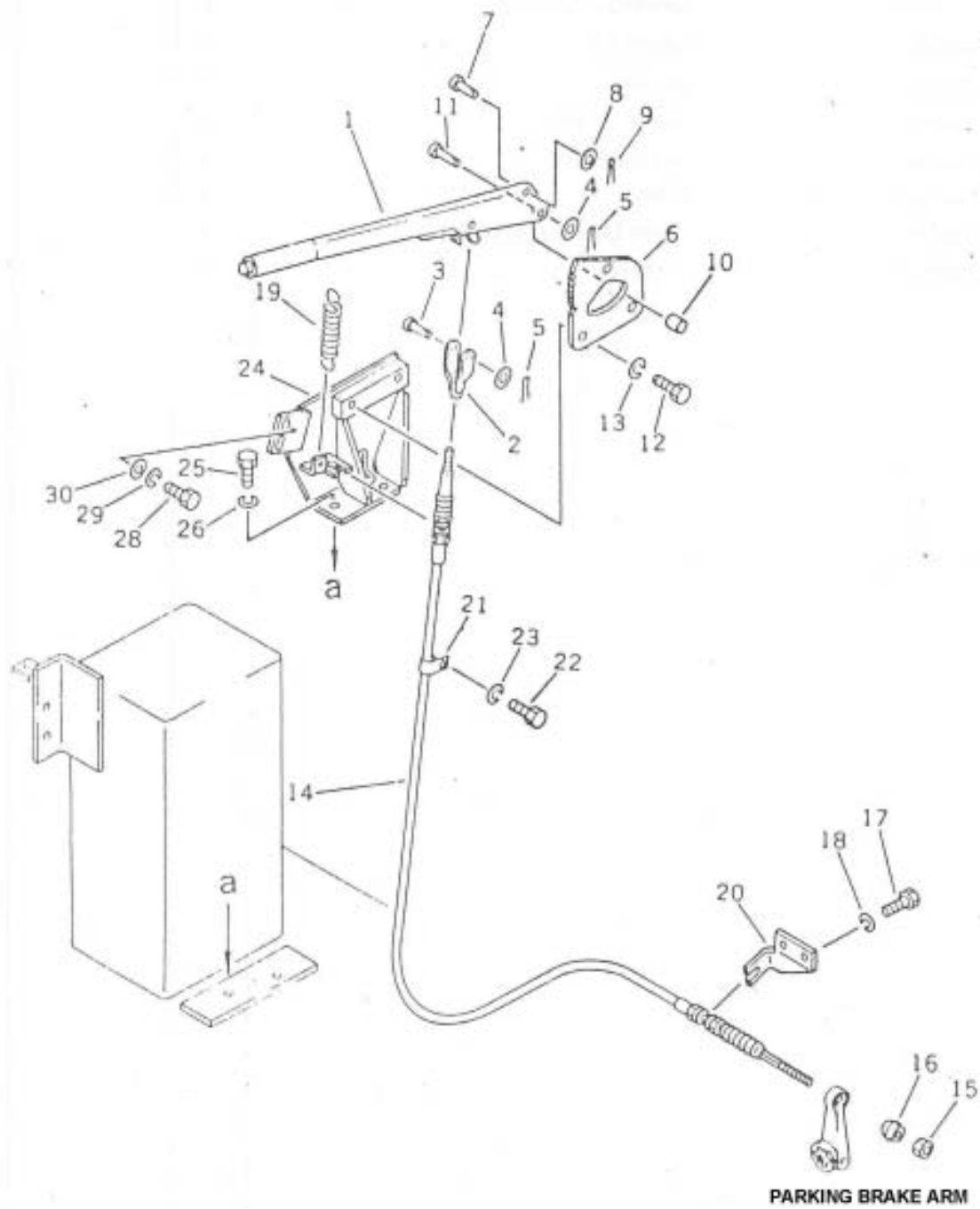
FIG NO. 60F SLAVE SERVO



SLAVE SERVO (950-AS-02041)**FIG NO. 60F**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	950-AS-14792	SPACER	1	
02	950-AS-12953	NUT	1	
03	950-AS-12986	SPRING WASHER	1	
04	950-AS-13171	STUD	1	
05	950-AS-13536 *	SPLIT PIN	1	
06	950-AS-14021	STRAINER PLATE	1	
07	950-AS-12978 *	FILTER	1	
08	950-AS-10036	END COVER	1	
09	950-AS-10093 *	END COVER JOINT	1	
10	950-AS-10052	RAM RETURN SPRING	1	
11	950-AS-10166	OUTPUT ROD	1	
12	950-AS-13399 *	CIRCLIP	1	
13	950-AS-12912 *	PUSH ROD RETAINER	1	
14	950-AS-04097	SPACER AND BUSH ASSY.	1	
15	950-AS-10085 *	FELT	1	
16	950-AS-12961 *	RAM SEAL	1	
17	950-AS-10044	RAM	1	
18	950-AS-12994	STUD	2	
19	950-AS-10011	CYLINDER	1	
20	950-AS-63035 *	O RING	1	
21	950-AS-10069 *	FELT RING	1	
22	950-AS-10077	FELT RETAINER	1	
23	950-AS-13041	CIRCLIP	1	
24	950-AS-60143 *	GAITER	1	
25	950-AS-23012 *	WASHER	1	
26	950-AS-10133	PLUG	1	
27	950-AS-10174	INDICATOR ROD	1	
28	950-AS-23004 *	WASHER	1	
29	950-AS-05299	ADAPTOR AND FRICTION DISC ASSY	1	
30	950-AS-10109	SHIM	AR	
31	950-AS-10117	SHIM	AR	
32	950-AS-10125	SHIM	AR	
33	950-AS-14402	BOLT	6	
34	950-SK-00019	REPAIR KIT (* MARKED ITEMS)		

FIG NO. 61 PARKING BRAKE CONTROL



PARKING BRAKE CONTROL**FIG NO. 61**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-CO-11625	LEVER	1	
02	451-CO-03013	YOKE	1	
03	CFP02-11030	PIN	1	
04	CFW03-11020	WASHER	1	
05	CFP01-13015	PIN, COTTER	1	
06	451-CO-11666	BRACKET	1	
07	CFP02-11235	PIN	1	
08	CFW03-11225	WASHER	1	
09	CFP01-13020	PIN, COTTER	1	
10	451-CO-11658	SPACER	1	
11	CFP02-11030	PIN	1	
12	CFS01-31230	BOLT	1	
13	CFW01-11236	WASHER, SPRING	2	
14	451-CO-02164	CABLE	2	
15	CFN01-10868	NUT	1	
16	451-CO-11114	NUT	1	
17	CFS01-21020	BOLT	1	
18	CFW01-11030	WASHER, SPRING	1	
19	451-CO-11033	SPRING	1	
20	451-CO-02156	BRACKET	1	
21	CCC06-11414	CLIP	1	
22	CFS01-21016	BOLT	1	
23	CFW01-11030	WASHER, SPRING	1	
24	451-CO-02018	BRACKET ASSY	1	
25	CFS01-31230	BOLT	1	
26	CFW01-11236	WASHER, SPRING	2	
27	-	-	2	
28	CFB07-21420	BOLT		
29	CFW01-11236	WASHER	2	
30	CFW05-12032	WASHER	2	

IV
STEERING & CONTROL
SYSTEM

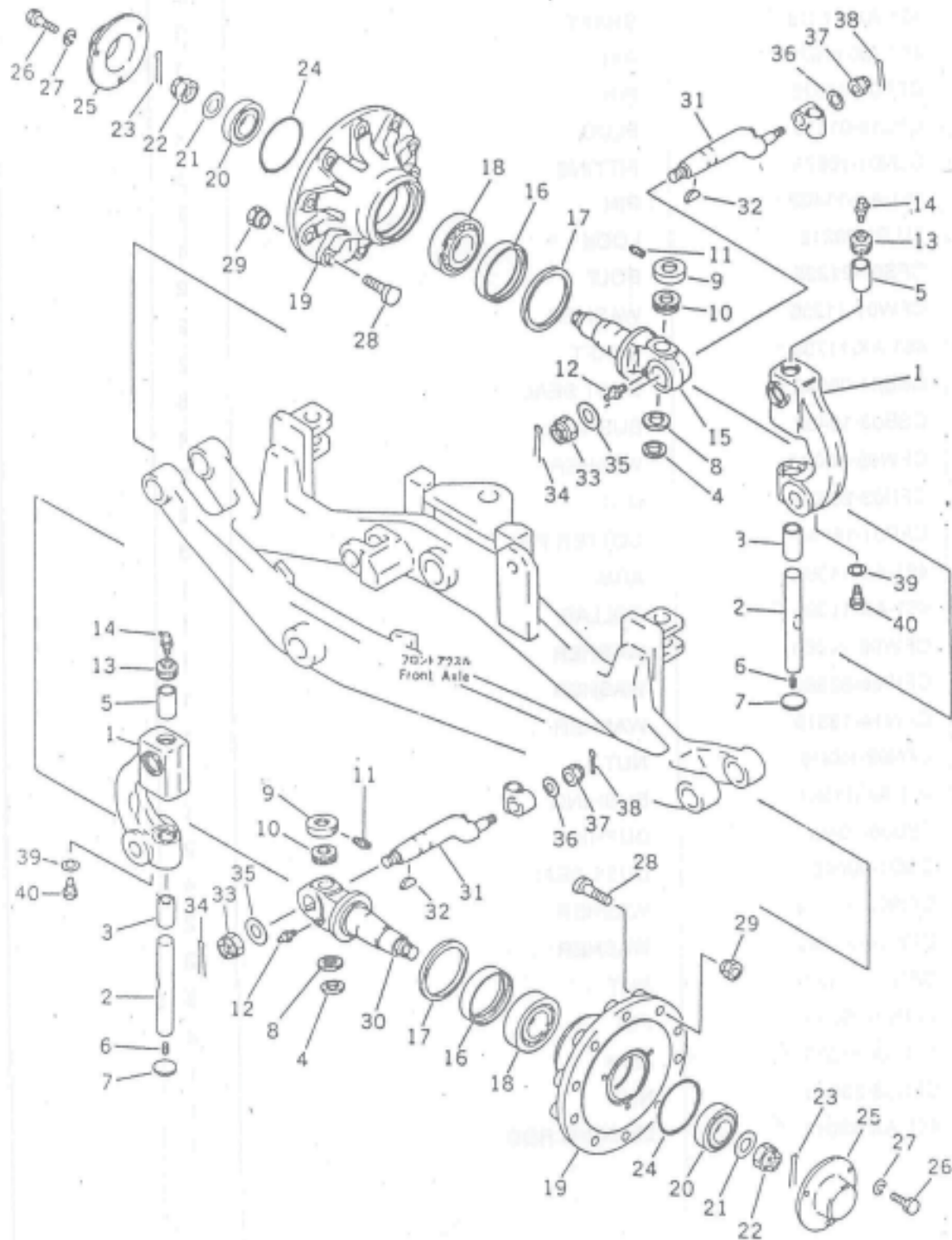
This diagram illustrates the exploded view of a mechanical assembly, likely a suspension or steering component. The main frame (1) is shown with various mounting points. Key components include:

- Upper Control Arm (27):** A long arm with a ball joint (28) at one end and a mounting bracket (29) at the other.
- Lower Control Arm (31):** A shorter arm with a ball joint (32) at one end and a mounting bracket (33) at the other.
- Steering Knuckle (7):** The central component that houses the ball joints and the steering knuckle pivot.
- Shock Absorber (3):** A long cylindrical component with a mounting bracket (4) at one end and a mounting bracket (5) at the other.
- Coil Spring (6):** A coiled spring with a mounting bracket (7) at one end and a mounting bracket (8) at the other.
- Ball Joints (28, 32):** Two ball joints are shown, one for the upper control arm and one for the lower control arm.
- Other Components:** Various bolts, nuts, and washers are shown, numbered 9 through 30, used for assembly.

FRONT AXLE ((1/2))**FIG NO.62**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-AX-02022	FRONT AXLE	1	
02	CSD01-00050	SEAL	2	
03	451-AX-11313	SHAFT	1	
04	451-AX-11679	PIN	1	
05	CFP01-04025	PIN	1	
06	CPL10-01210	PLUG	1	
07	CLN01-10675	FITTING	5	
08	451-AX-11402	PIN	1	
09	TLL01-00212	LOCK	1	
10	CFS01-21225	BOLT	2	
11	CFW01-11236	WASHER	2	
12	451-AX-11735	SHAFT	2	
13	CSD01-00040	DUST SEAL	8	
14	CSB03-10402	BUSHING	4	
15	CFW05-30080	WASHER	2	
16	CFN03-23033	NUT	2	
17	CFP01-16060	COTTER PIN	3	
18	451-AX-11362	ARM	1	
19	451-AX-11395	COLLAR	1	
20	CFW05-24060	WASHER	1	
21	CFW05-33380	WASHER	1	
22	CFW14-13318	WASHER	1	
23	CFN02-13310	NUT	1	
24	451-AX-11687	BUSHING	1	
25	TBB05-10404	BUSHING	2	
26	CSD01-00040	DUST SEAL	4	
27	CFW02-13960	WASHER	2	
28	CFW05-24060	WASHER	2	
29	CFN03-22427	NUT	2	
30	CFP01-05045	PIN	2	
31	451-AX-11379	ARM	1	
32	CFN03-23033	NUT	1	
33	451-AX-02014	LEANING ROD	1	

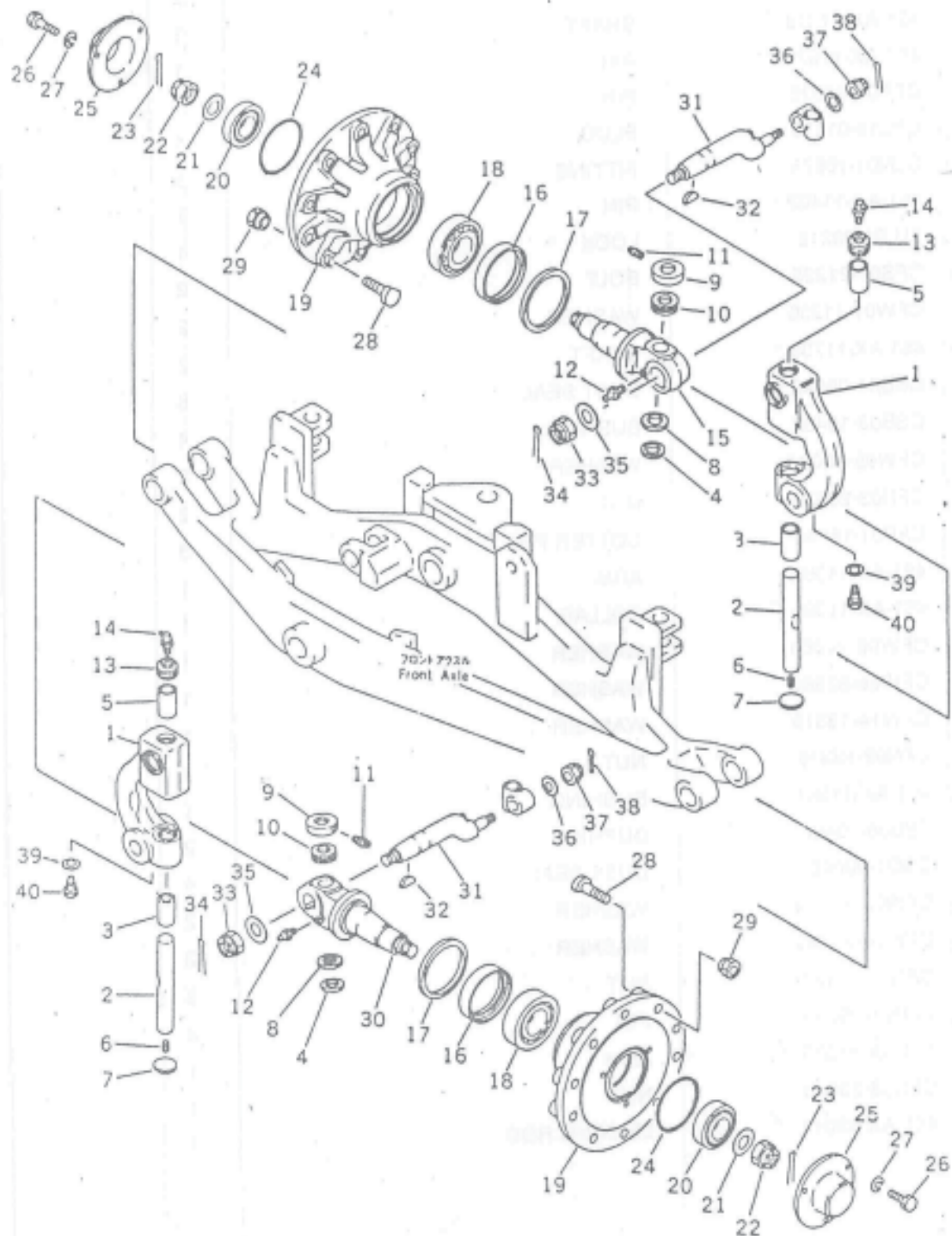
FIG NO. 63 FRONT AXLE (2/2)



FRONT AXLE ((2/2))**FIG NO.63**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-AX-11816	BRACKET	2	
02	451-AX-11321	KNUCKLE PIN	2	
03	451-AX-11265	BUSHING	2	
04	CSD01-00035	DUST SEAL	2	
05	451-AX-11257	BUSHING	2	
06	CPL02-10810	PLUG	2	
07	TCP01-14520	PLUG	2	
08	451-AX-21293	PLATE	2	
09	451-AX-11308	COVER	2	
10	CRB00-51207	BEARING	2	
11	CPL01-10810	PLUG	2	
12	CLN01-10000	FITTING GREASE	2	
13	451-AX-11281	SCREW	2	
14	CLN01-10675	FITTING	2	
15	451-AX-11346	AXLE RH	1	
16	451-AX-11354	SPACER	2	
17	451-AX-02039	OIL SEAL	2	
18	CBT02-32313	BEARING	2	
19	451-AX-41495	HUB	2	
20	CBT02-31310	BEARING	2	
21	CFW02-13960	WASHER	2	
22	CFN33-03929	NUT	2	
23	CFP01-16060	COTTER PIN	2	
24	CHS01-02130	O RING	2	
25	451-AX-11419	COVER	2	
26	CFS01-21225	BOLT	6	
27	CFW01-11236	WASHER	6	
28	451-AX-11727	BOLT	20	
29	451-AX-11662	NUT	20	
30	451-AX-11338	AXLE LH	1	
31	451-AX-11387	KNUCKLE ARM	2	
32	CKF02-01055	KEY	2	
33	CFN33-02716	HEX. NUT	2	
34	CFP01-05045	COTTER PIN	2	
35	CFW05-27080	WASHER	2	

FIG NO. 63 FRONT AXLE (2/2)

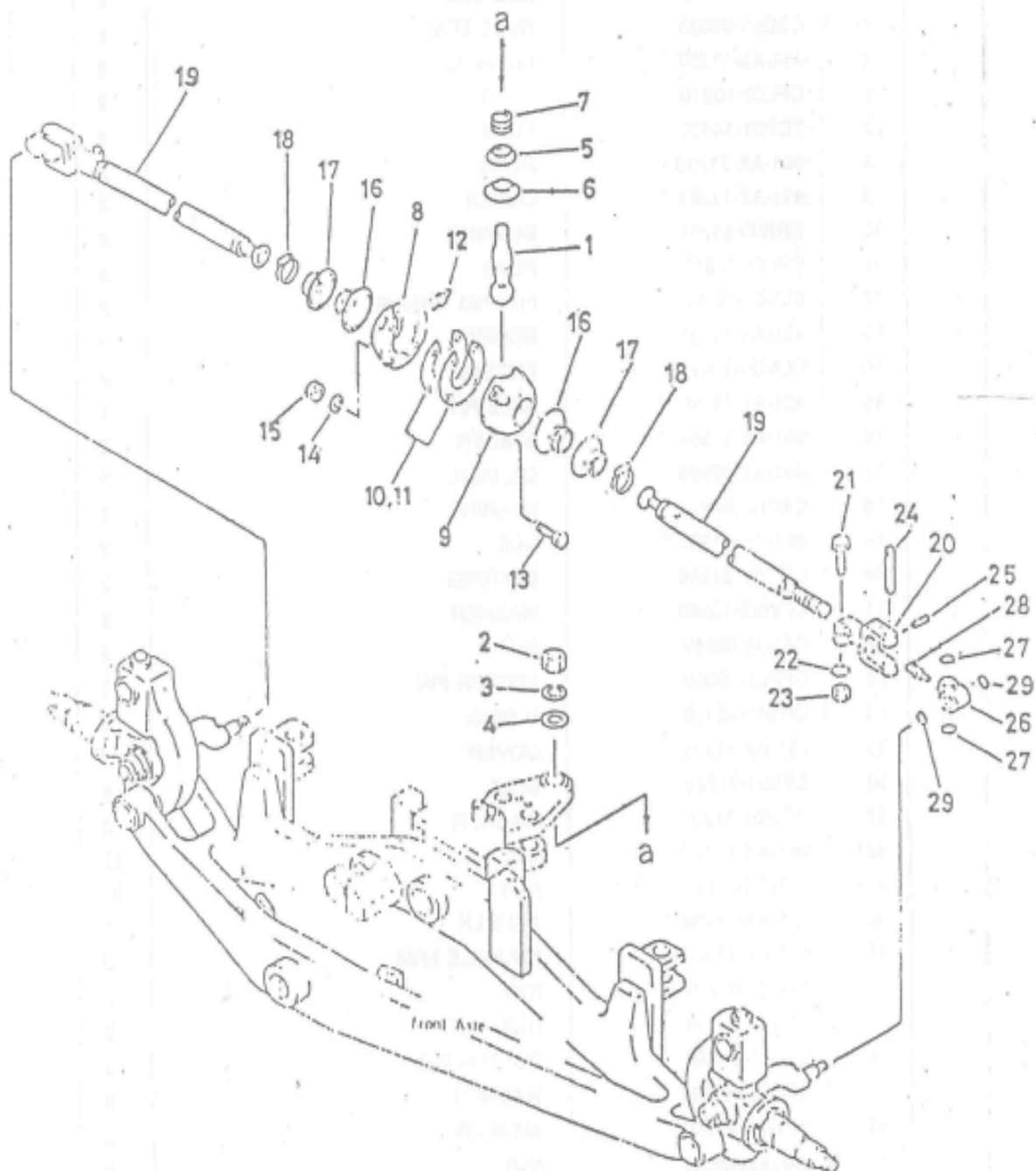


FRONT AXLE (2/2)

FIG NO. 63

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
36	CFW05-20060	WASHER	2	
37	CFN33-02013	NUT	2	
38	CFP01-04032	COTTER PIN	2	
39	CFW02-11630	WASHER	2	
40	451-AX-11273	SET SCREW	2	

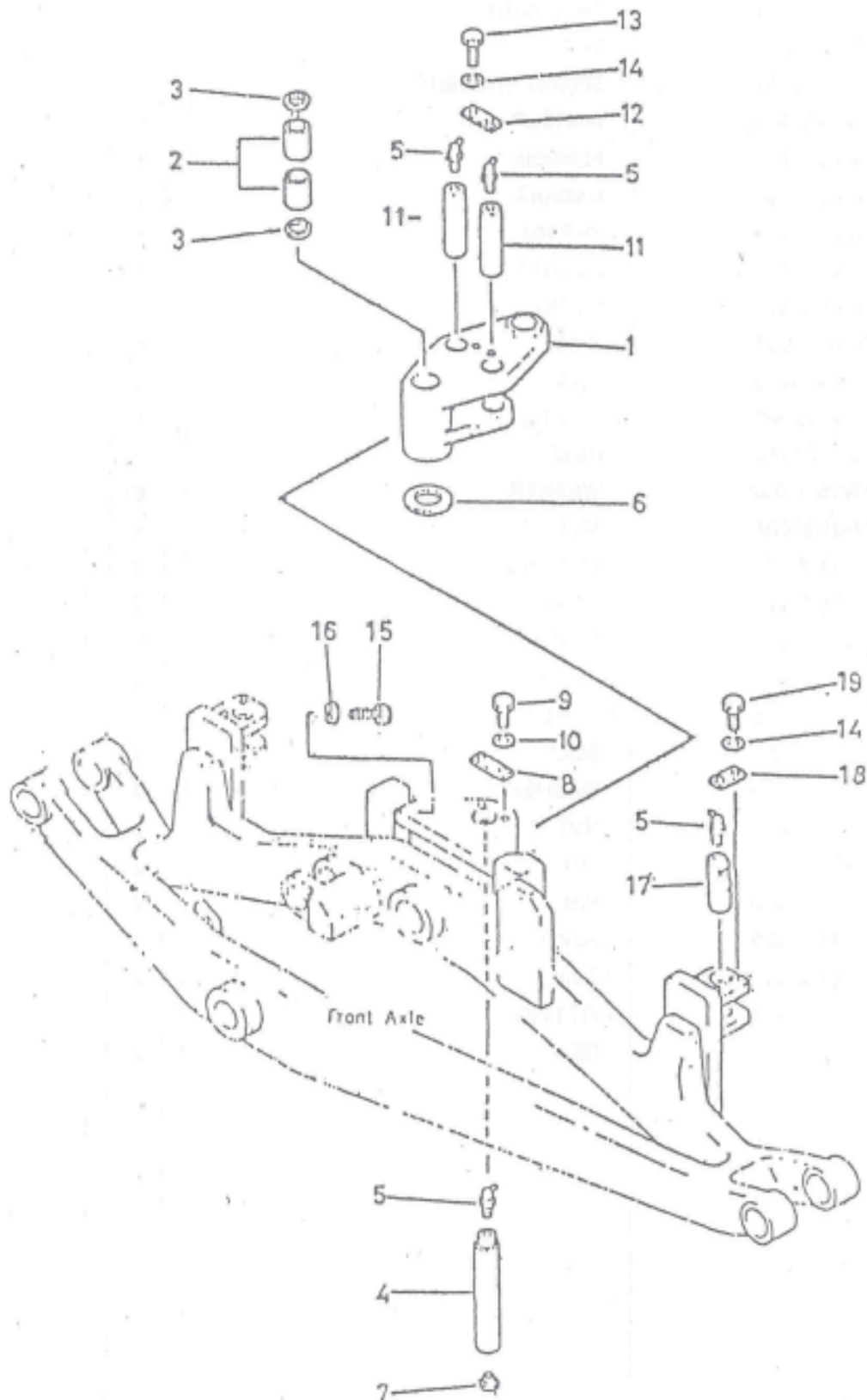
FIG NO.64 TIE ROD



TIE ROD**FIG NO.64**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-AX-11743	BALL JOINT	1	
02	CFN01-23026	NUT	1	
03	CFW01-13092	SPRING WASHER	1	
04	CFW05-30080	WASHER	1	
05	451-AX-11768	FENDER	1	
06	451-AX-61753	GASKET	1	
07	451-AX-11776	SPRING	1	
08	451-AX-31572	SOCKET	1	
09	451-AX-31589	SOCKET	1	
10	451-AX-11557	SHIM	4	
11	451-AX-11565	SHIM	2	
12	CLN01-10000	FITTING	1	
13	CFB01-21045	BOLT	4	
14	CFW05-10032	WASHER	8	
15	CFN01-21084	NUT	4	
16	451-AX-61526	PACKING	2	
17	451-AX-11532	COVER	2	
18	CCC01-14513	CLAMP	2	
19	451-AX-02055	TIE ROD	2	
20	451-AX-11516	YOKE	2	
21	CFB01-21260	BOLT	2	
22	CFW01-11236	WASHER	2	
23	CFN01-21211	NUT	2	
24	451-AX-11613	PIN	2	
25	451-AX-11549	PIN	4	
26	451-AX-11605	JOINT	2	
27	451-AX-61623	SEAL	4	
28	CLN01-10900	FITTING	2	
29	CSD01-00025	SEAL	4	

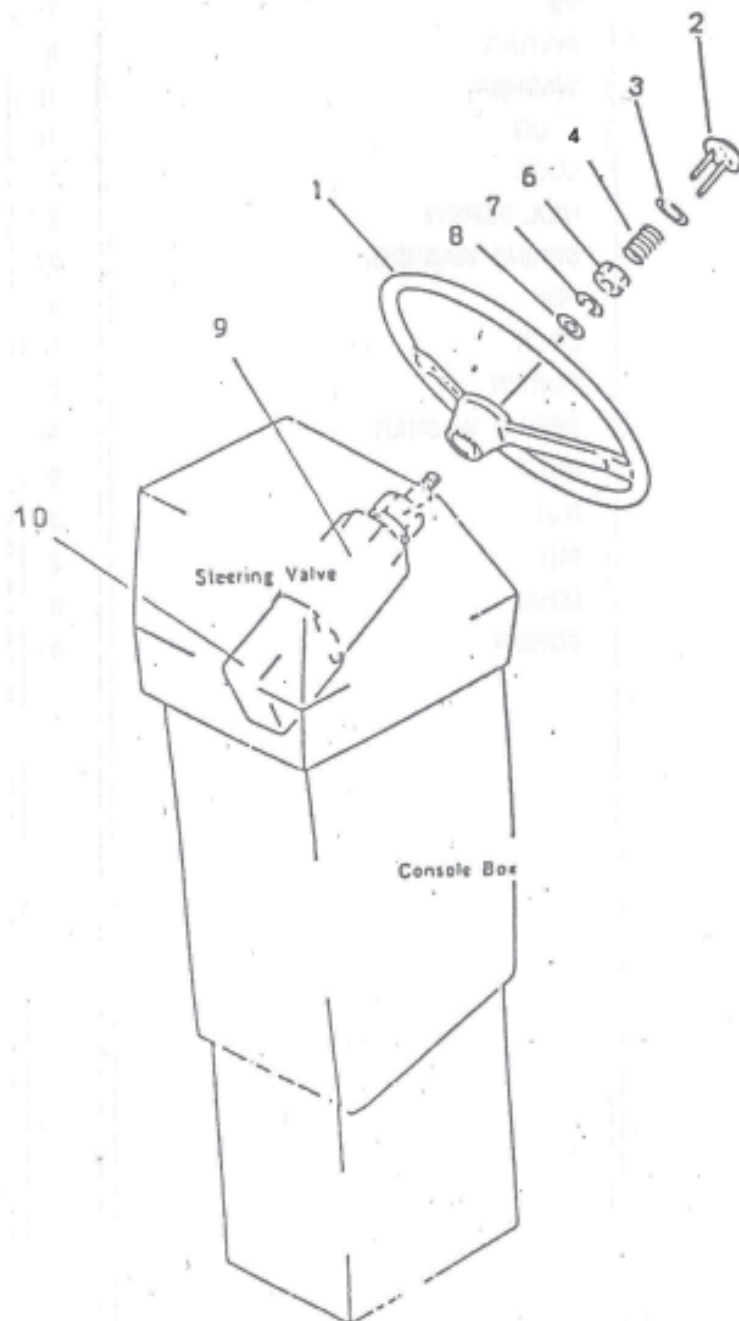
FIG NO. 65 PITMAN ARM



PITMAN ARM**FIG NO.65**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-AX-02071	PITMANARM	1	
02	451-AX-11695	BUSHING	2	
03	451-AX-02047	SEAL	2	
04	451-AX-11451	PIN	1	
05	CLN01-10900	FITTING	5	
06	451-AX-21706	WASHER	1	
07	CPL10-01210	PLUG	1	
08	TLL01-00212	LOCK	1	
09	CFS01-21225	HEX. SCREW	2	
10	CFW01-11236	SPRING WASHER	2	
11	451-AX-11468	PIN	2	
12	451-AX-11508	LOCK	1	
13	CFS01-21025	SCREW	2	
14	CFW01-11030	SPRING WASHER	6	
15	451-AX-11484	BOLT	2	
16	CFN01-22018	NUT	2	
17	451-AX-11476	PIN	2	
18	TFL01-00110	LOCK	2	
19	CFS01-21020	SCREW	4	

FIG NO. 66 STEERING WHEEL



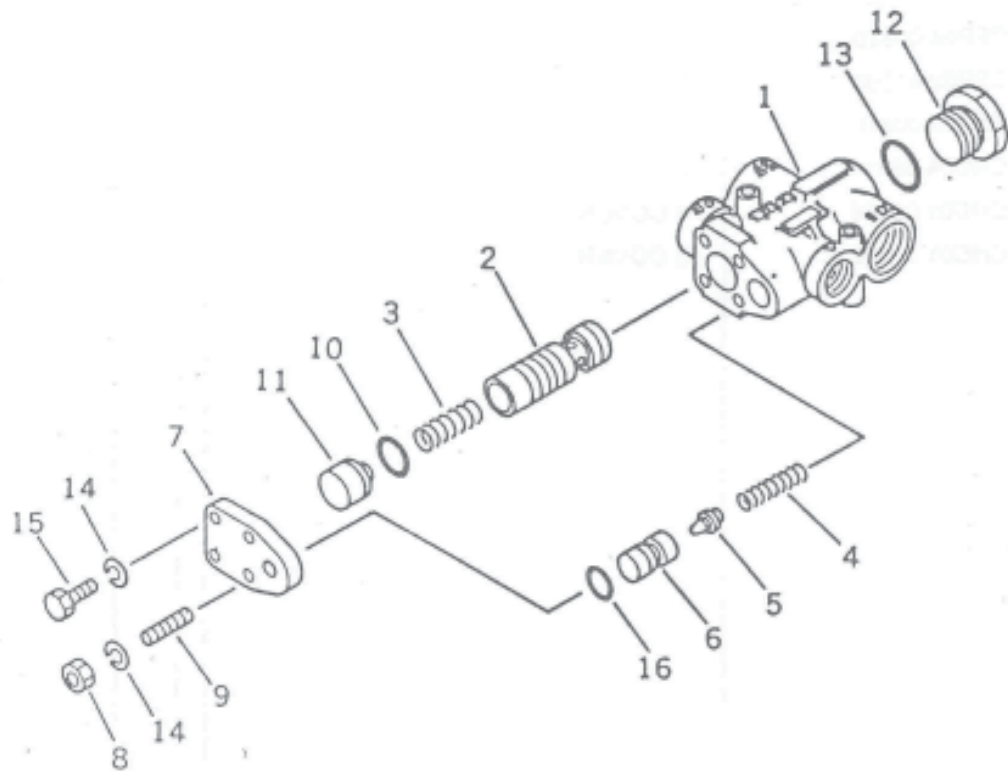
STEERING WHEEL (451-SS-02171)**FIG NO.66**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-SS-02171	STG. WHEEL ASSY.	1	
01	451-SS-02204	WHEEL, STEERING	1	
02	451-SS-61001	BUTTON, HORN	1	
03	451-SS-11049	LOCK	1	
04	451-SS-11016	CLIP	1	
05	-	-	-	
06	CFN19-31411	NUT	1	
07	CFW01-11442	WASHER	1	
08	CFW02-11425	WASHER	1	
09	451-SS-02196	STG. SHAFT ASSY.	1	
10	451-SS-02188	STG. VALVE ASSY.	1	

STEERING PUMP (451-HM-01017)**FIG NO67**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-HM-01017	STEERING PUMP ASSY.	1	
01	451-HM-02005 *	BRACKET ASSY	1	
02	451-HM-21049 *	CASE, GEAR	1	
03	171-HM-03089 *	COVER ASSY	1	
04	451-HM-51051 *	GEAR DRIVE	1	
05	451-HM-51068 *	GEAR DRIVEN	1	
06	451-HM-22091 *	PLATE SIDE	2	
07	171-HM-72077 *	RING BACK UP	2	
08	451-HM-61071 *	RING SEAL	2	
09	171-HM-62065 *	O-RING	2	
10	175-HM-61312	SEAL OIL	1	
11	451-HM-11094 *	PLATE	1	
12	CFL02-13515	RING SNAP	1	
13	451-HM-11101 *	BOLT	4	
14	CFW01-11236 *	WASHER SPRING	4	
15	CFP04-00820 *	PIN DOWEL	4	
16	CSP02-01008 *	HELISERT	4	
17	CSP02-00810 *	HELISERT	4	
	CHC01-08048	COVER	1	FOR SHIPPING ONLY
	CHC01-10052	COVER	1	FOR SHIPPING ONLY
	CHC04-02016	CAP	1	FOR SHIPPING ONLY

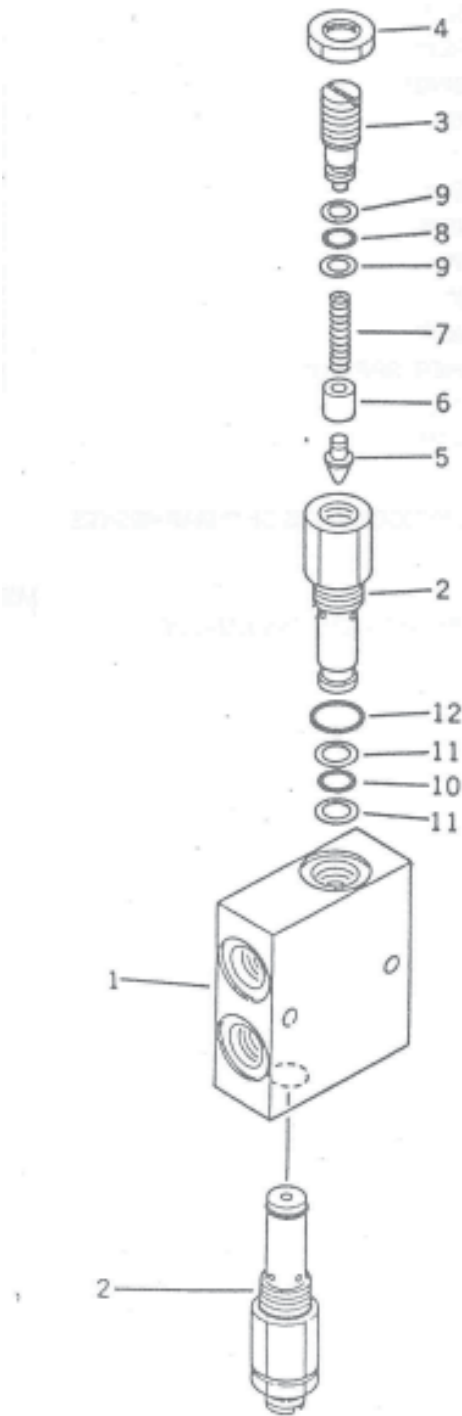
FIG NO.68 FLOW CONTROL VALVE



FLOW CONTROL VALVE (451-CV-01098)**FIG NO68**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-CV-01098	FLOW CONTROL VALVE	1	
01	451-CV-41614 *	BODY	1	
02	451-CV-11677 *	SPOOL	1	
03	451-CV-11693 *	SPRING	1	
04	451-CV-11704 *	SPRING	1	
05	451-CV-11712 *	POPPET	1	
06	451-CV-41725 *	HOUSING	1	
07	451-CV-11737 *	PLATE	1	
08	451-CV-11745 *	NUT	1	
09	451-CV-11753 *	SCREW	1	
10	451-CV-61765 **	O RING	1	
11	451-CV-11778 *	PLUG	1	
12	451-CV-11786 *	PLUG	1	
13	451-CV-61798 **	O RING	1	
14	451-CV-11803 *	WASHER, SPRING	1	
15	451-CV-11811 *	BOLT	1	
16	451-CV-61829 **	O RING	1	
	451-SK-01104	SEAL KIT (CONSIST OF ** MARKED)	1	M/S DH

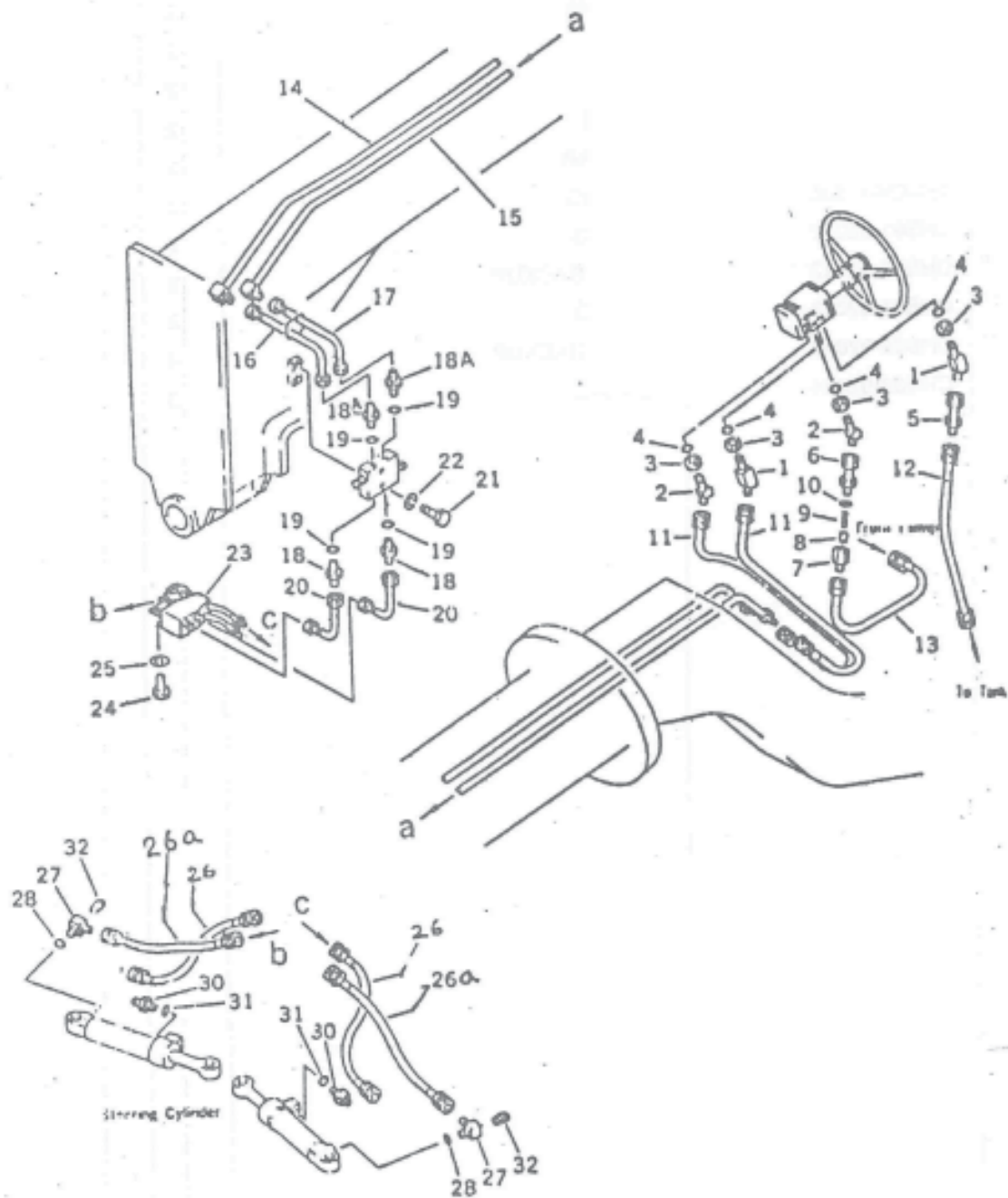
FIG NO. 69 DOUBLE RELIEF VALVE



DOUBLE RELIEF VALVE (451-CV-01106)**FIG NO69**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-CV-01106	DOUBLE RELIEF VALVE	1	
01	451-CV-41839	BODY	1	
02	451-CV-11844	SLEEVE	2	
03	451-CV-11852	BOLT	2	
04	451-CV-11866	NUT	2	
05	451-CV-11499	VALVE	2	
06	451-CV-11514	COLLAR	2	
07	451-CV-11506	SPRING	2	
08	CHS01-02012	O RING	2	
09	CHS02-02012	RING, BACKUP	2	
10	CHS01-02016	O RING	2	
11	CHS03-02016	RING, BACKUP	4	
12	CHS03-02434	O RING	3	

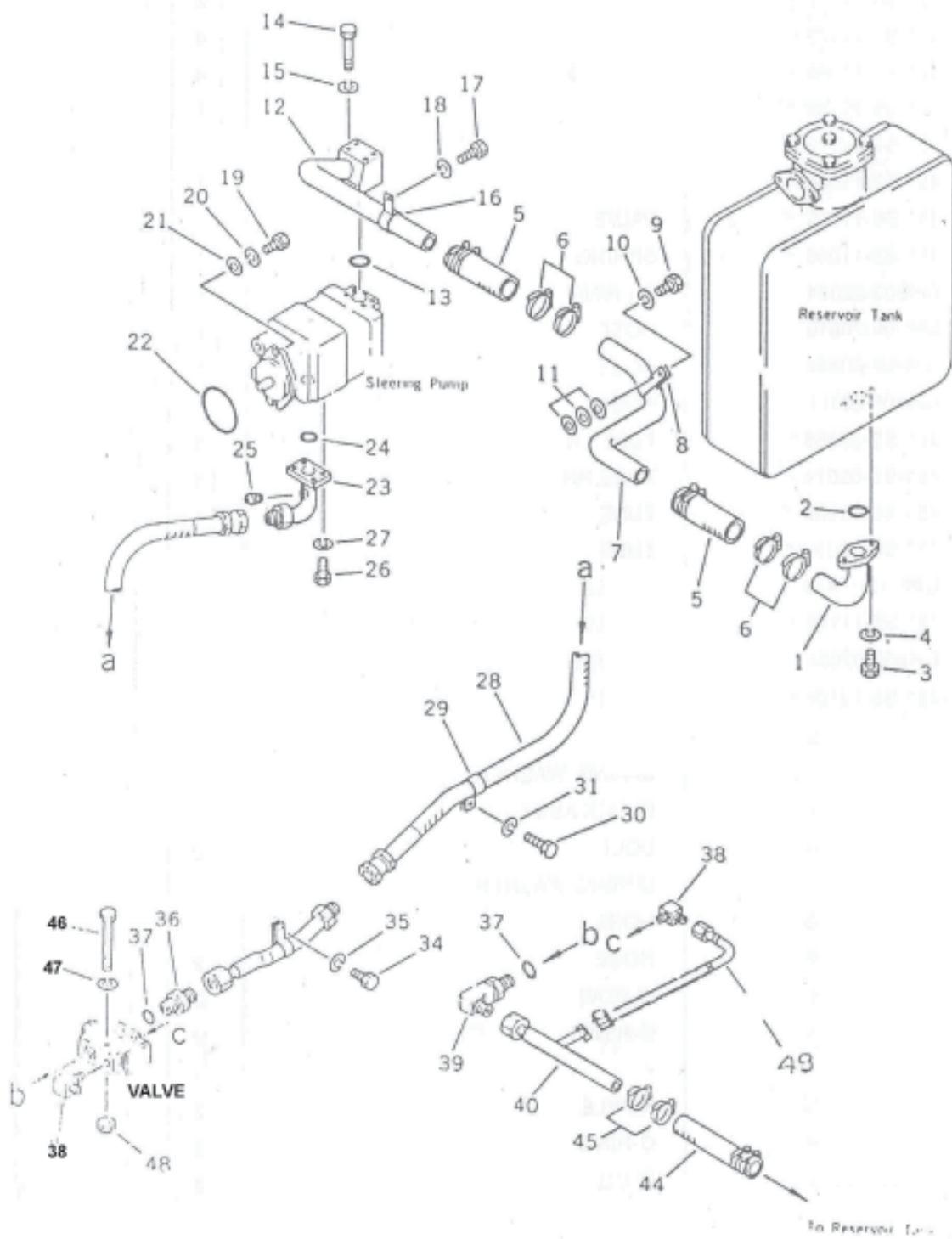
FIG NO.70 STEERING PIPING (1/2)



STEERING PIPING(1/2)**FIG NO70**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-SS-11057	NIPPLE	2	
02	451-SS-11065	NIPPLE	2	
03	451-SS-11073	NUT	4	
04	451-SS-61083	O-RING	4	
05	451-SS-02139	NIPPLE	1	
06	451-SS-02147	NIPPLE	1	
07	451-SS-11098	NIPPLE	1	
08	451-SS-11105	VALVE	1	
09	451-SS-11049	SPRING	1	
10	CHS03-02034	O-RING	1	
11	CHH06-20815	HOSE	2	
12	CHH06-20808	HOSE	1	
13	CHH06-20811	HOSE	1	
14	451-SS-02066	TUBE LH	1	
15	451-SS-02074	TUBE RH	1	
16	451-SS-02082	TUBE	1	
17	451-SS-02099	TUBE	1	
18	CPF15-10422	NIPPLE	2	
18A	451-SS-11146	NIPPLE	2	
19	CHS03-02034	O-RING	4	
20	451-SS-02106	TUBE	2	
21	CFB01-20855	BOLT	2	
22	CFW01-10825	SPRING WASHER	2	
23	451-SS-02114	BLOCK ASSY	1	
24	CFS01-21020	BOLT	2	
25	CFW01-11030	SPRING WASHER	2	
26	CHH06-00605	HOSE	2	
26A	CHH06-00606	HOSE	2	
27	CPF17-10315	ELBOW	2	
28	CHS03-02034	O-RING	2	
30	CPF15-10315	NIPPLE	2	
31	CHS03-02034	O-RING	2	
32	CPL02-10810	PLUG	2	

FIG NO.71 STEERING PIPING (2/2)

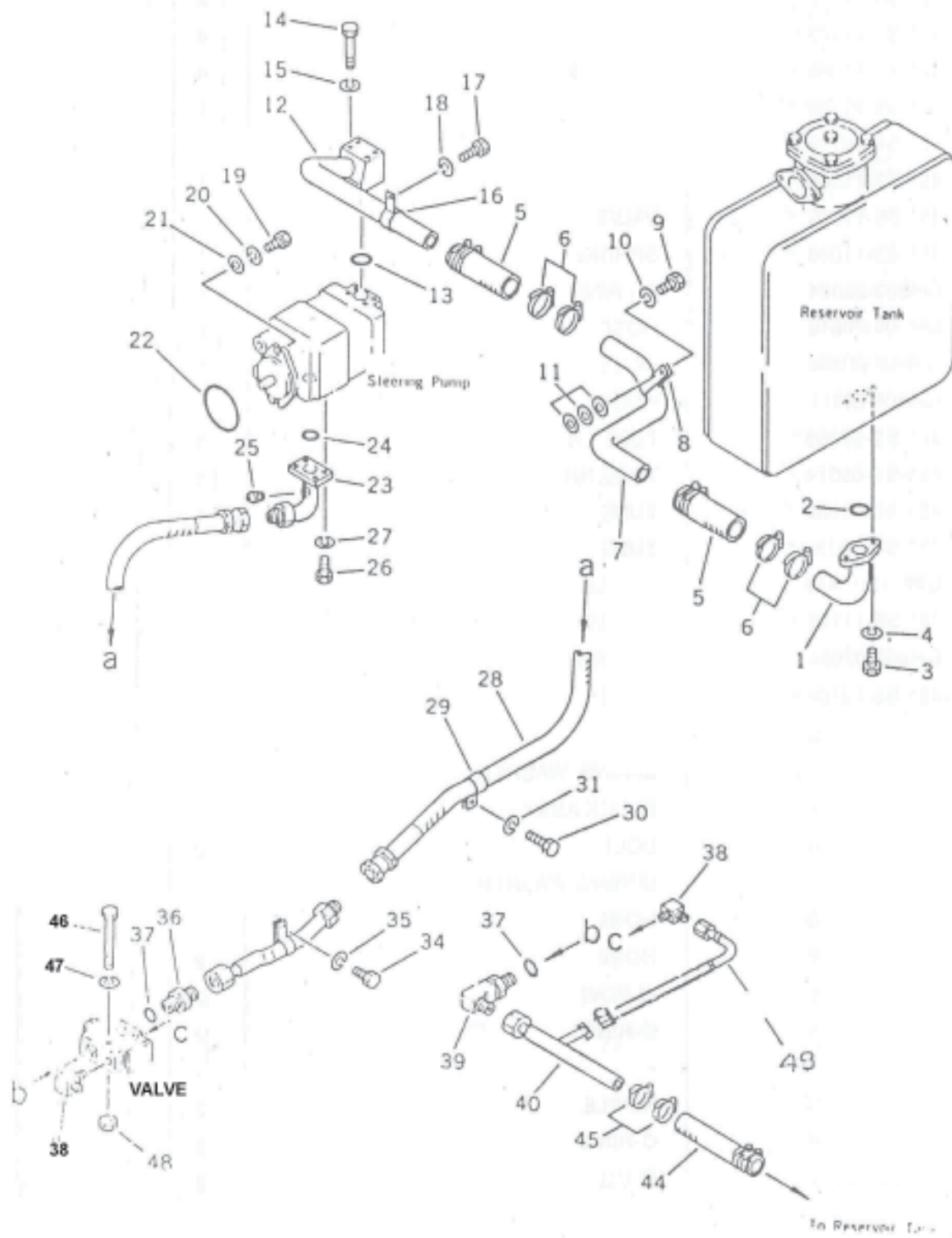


STEERING PIPING

FIG NO71

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-SS-02017	TUBE	1	
02	CHS01-03042	O-RING	1	
03	CFS01-21025	BOLT	2	
04	CFW01-11030	SPRING WASHER	2	
05	THH01-23214	HOSE	2	
06	CCC01-14513	CLAMP	8	
07	451-SS-02025	TUBE	1	
08	451-SS-11016	CLIP	1	
09	CFS01-10820	BOLT	1	
10	CFW01-10825	SPRING WASHER	1	
11	CFW02-10816	WASHER	3	
12	451-SS-02033	TUBE	1	
13	CHS01-03035	O-RING	1	
14	CFB01-21070	BOLT	4	
15	CFW01-11030	SPRING WASHER	4	
16	451-SS-11024	CLIP	1	
17	CFS01-10816	SCREW	1	
18	CFW01-10825	SPRING WASHER	1	
19	CFS01-21030	BOLT	2	
20	CFW01-11030	SPRING WASHER	2	
21	CFW05-10032	WASHER	2	
22	CHS01-02085	O-RING	1	
23	451-SS-02058	TUBE	1	
24	CHS01-03025	O-RING	1	
25	CPL01-10810	PLUG	1	
26	CFS01-10830	BOLT	4	
27	CFW01-10825	SPRING WASHER	4	
28	CHH06-21217	HOSE	1	
29	451-PT-02169	CLIP	1	
30	CFS01-21016	BOLT	1	
31	CFW01-11030	SPRING WASHER	1	
34	CFS01-21016	BOLT	1	
35	CFW01-11030	SPRING WASHER	1	
36	451-SS-11113	NIPPLE	1	
37	451-SS-61123	O-RING	2	
38	451-SS-11138	ELBOW	2	

FIG NO. 71 STEERING PIPING(2/2)



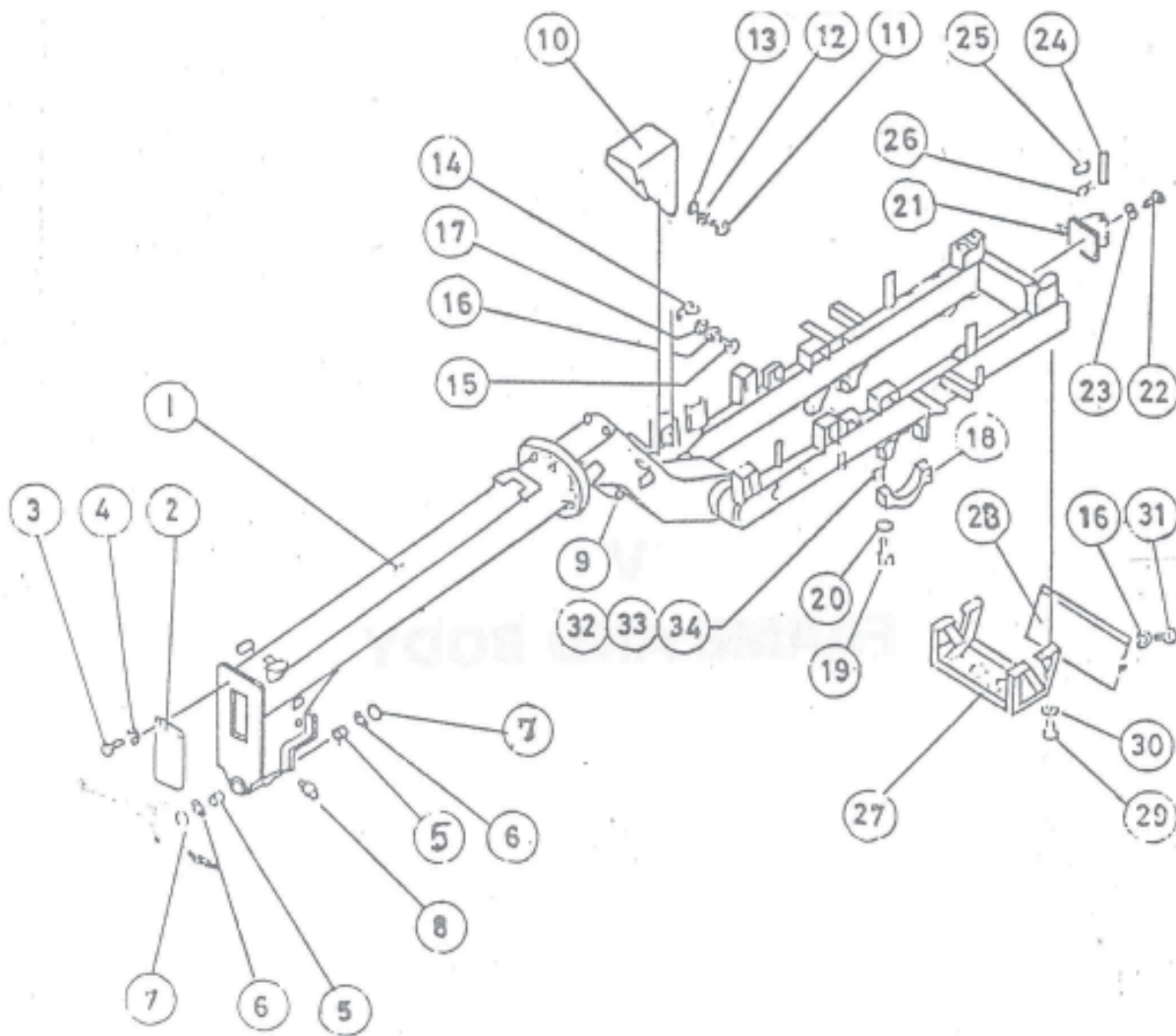
STEERING PIPING (2/2)

FIG NO71

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
39	451-SS-02155	ELBOW	1	
40	451-SS-02041	TUBE	1	
44	THH01-22618	HOSE	1	
45	CCC01-10410	CLAMP	4	
46	CFB01-10660	BOLT	2	
47	CFW01-11619	SPRING WASHER	2	
48	CFN01-10652	NUT	2	
49	CHH06-20804	HOSE	1	

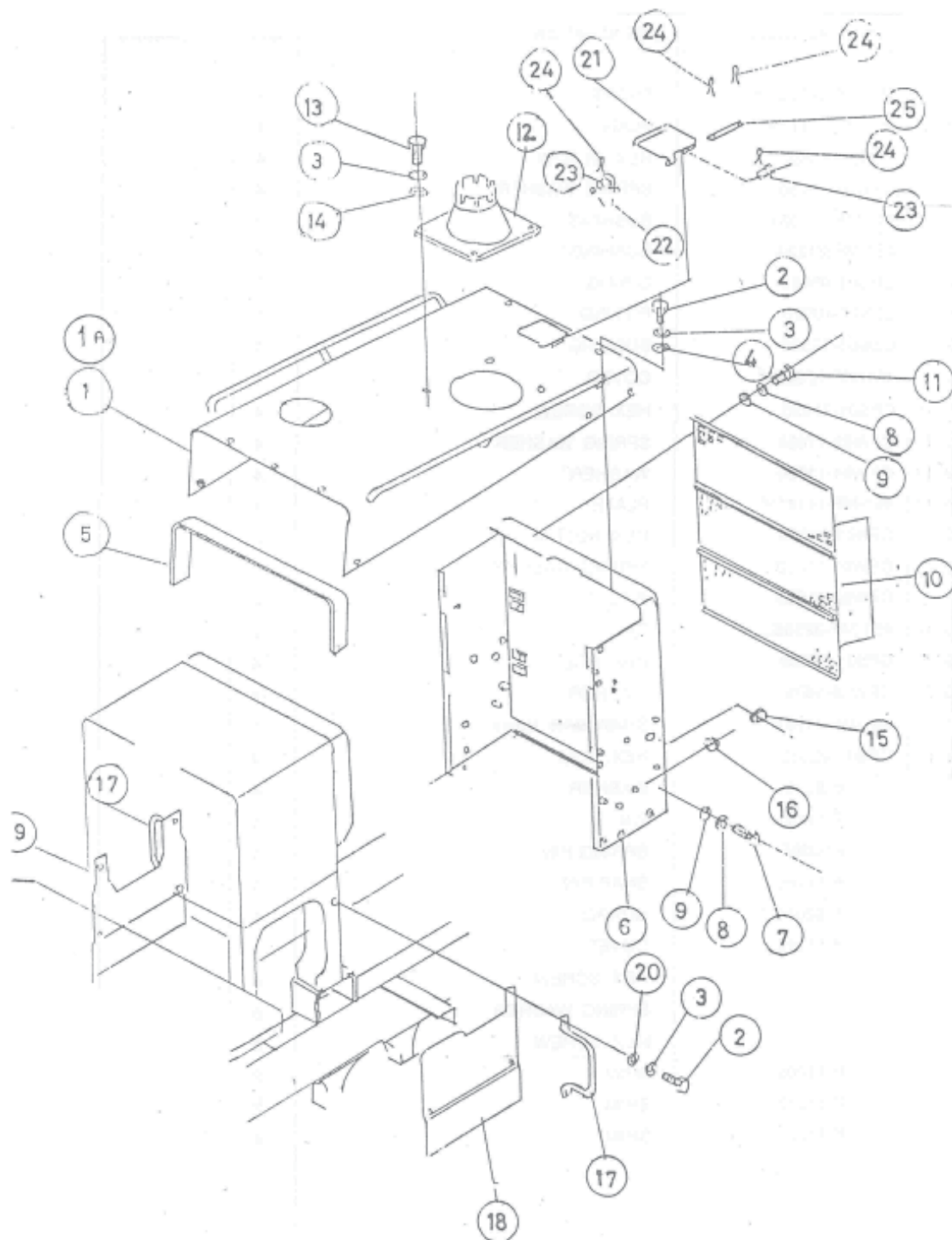
V
FRAME & BODY

FIG NO. 72 MAIN FRAME



SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-MF-02036	FRAME	1	
01	451-ZZ-03042	BONNET ASSY.	1	
02	451-MF-11173	PLATE	1	
03	CFS01-21220	HEX. SCREW	4	
04	CFW01-11236	SPRING WASHER	4	
05	451-MF-11198	BUSHING	2	
06	451-MF-21233	BUSHING	2	
07	CHS01-05090	O RING	2	
08	CLN01-10675	FITTING	1	
09	CSB03-10503	BUSHING	1	
10	451-MF-12542	COVER	1	
11	CFS01-21020	HEX. SCREW	4	
12	CFW03-11020	SPRING WASHER	4	
13	CFW01-11030	WASHER	4	
14	451-MF-11181	PLATE	1	
15	CFS01-21035	HEX. BOLT	2	
16	CFW01-11030	SPRING WSHER	10	
17	CFW03-11020	WASHER	2	
18	451-MF-32558	CAP	2	
19	CFB01-23060	HEX. BOLT	4	
20	CFW05-30080	WASHER	4	
21	451-MF-11287	DRAW HOOK	1	
22	CFB01-22065	HEX. BOLT	4	
23	CFW05-20060	WASHER	4	
24	451-MF-11157	PIN	1	
25	CFP13-10650	SPRING PIN	1	
26	451-MF-11165	SNAP PIN	1	
27	451-MF-02011	GUARD	1	
28	451-MF-11149	COVER	1	
29	CFS01-21630	HEX. SCREW	8	
30	CFW01-11648	SPRING WASHER	8	
31	CFS01-21025	HEX. SCREW	8	
32	451-MF-11205	SHIM	2	
33	451-MF-11213	SHIM	2	
34	451-MF-11221	SHIM	4	

FIG NO.73 ENGINE HOOD

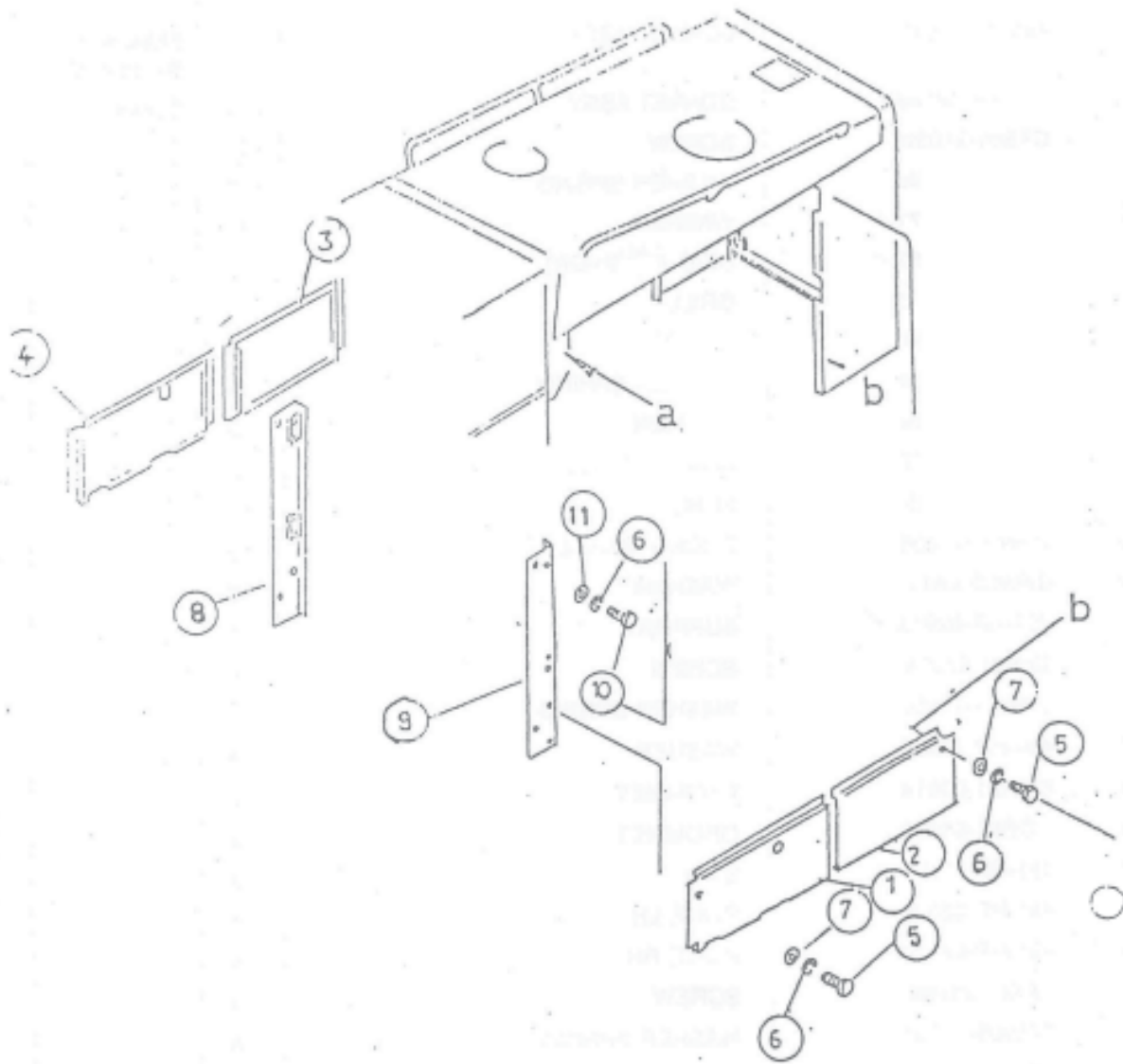


ENGINE HOOD

FIG NO.73

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-HP-03042	BONNET ASSY.	1	TURBOCHARGER
01	451-ZZ-10692	BONNET ASSY.	1	BEML ENGINE
01a	451-HP-02168	BONNET ASSY.	1	CUMMINS ENGINE
02	CFS01-21030	SCREW	19	
03	CFW01-11030	WASHER SPRING	23	
04	451-HP-12171	WASHER	11	
05	451-HP-62181	SEAT (CUSHION)	1	
06	451-HP-02005	GRILL	1	
07	CFS01-21230	SCREW	8	
08	CFW01-11236	WASHER SPRING	20	
09	CFW05-12032	WASHER	20	
10	451-HP-11207	PANNEL (GRILL)	3	
11	CFS01-21225	SCREW	12	
12	451-HP-02013	SUPPORT	1	
13	CFS01-21025	SCREW	4	
14	451-HP-11686	WASHER	4	
15	CGR01-03614	GROMMET	2	
16	CGR01-01008	GROMMET	2	
17	451-HP-11191	STAY	2	
18	451-HP-02079	PLATE LH	1	
19	451-HP-02176	PLATE RH	1	
20	CFW05-10032	WASHER	8	
22	451-HP-11653	SPRING	1	
23	CFP02-10620	CLEAVES PIN	2	
24	CFP01-01610	SPLIT PIN	2	
25	451-HP-11029	PIN	1	

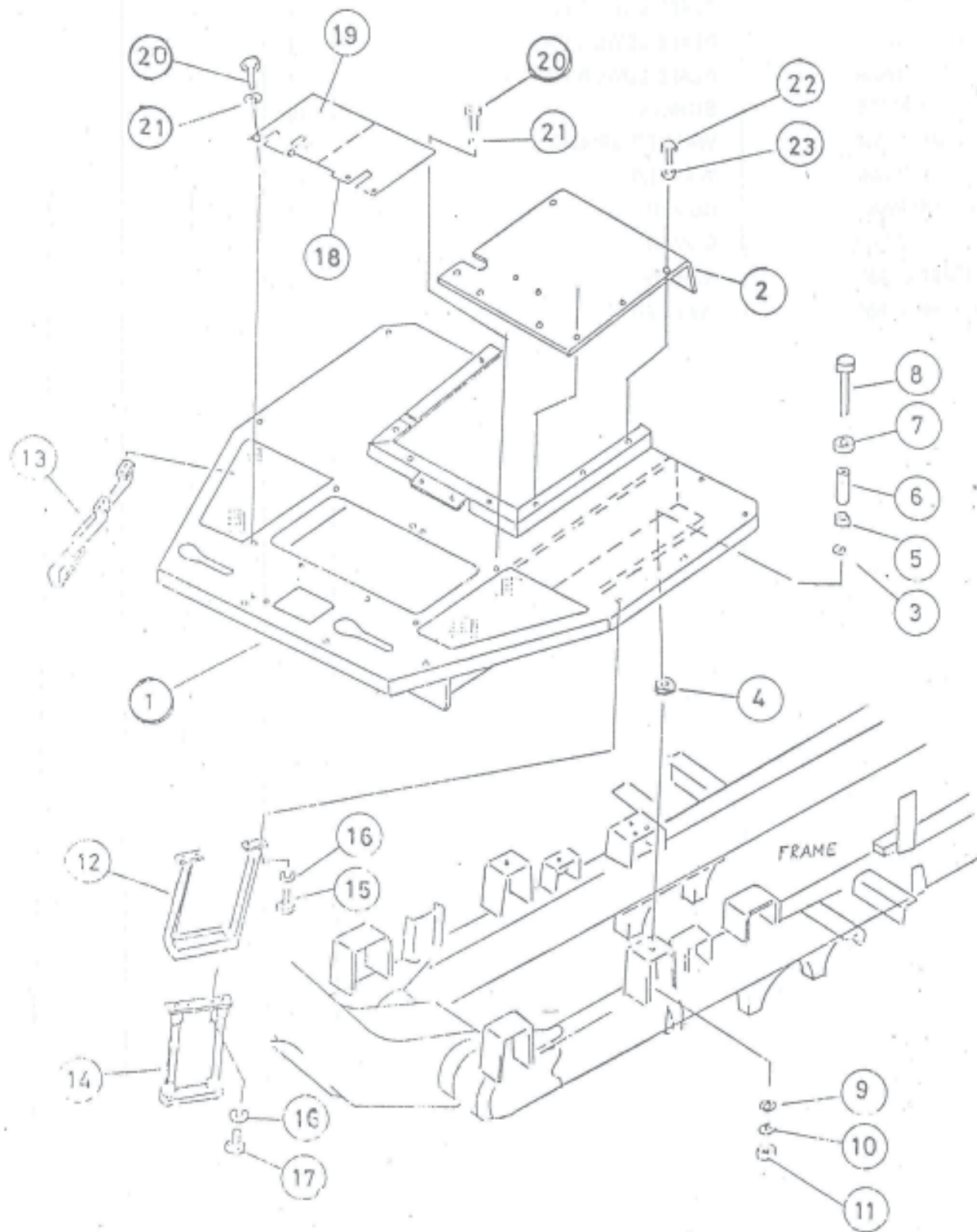
FIG NO. 74 SIDE PANNEL



SIDE PANNEL**FIG NO74**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-HP-02038	PLATE LOWER LH	1	
02	451-HP-02062	PLATE LOWER LH	1	
03	451-HP-02046	PLATE LOWER RH	1	
04	451-HP-02054	PLATE LOWER RH	1	
05	CFS01-21025	SCREW	16	
06	CFW01-11030	WASHER SPRING	20	
07	CFW05-10032	WASHER	16	
08	451-HP-02021	COVER	1	
09	451-HP-03001	COVER	1	
10	CFS01-21030	SCREW	4	
11	451-HP-11686	WASHER	4	

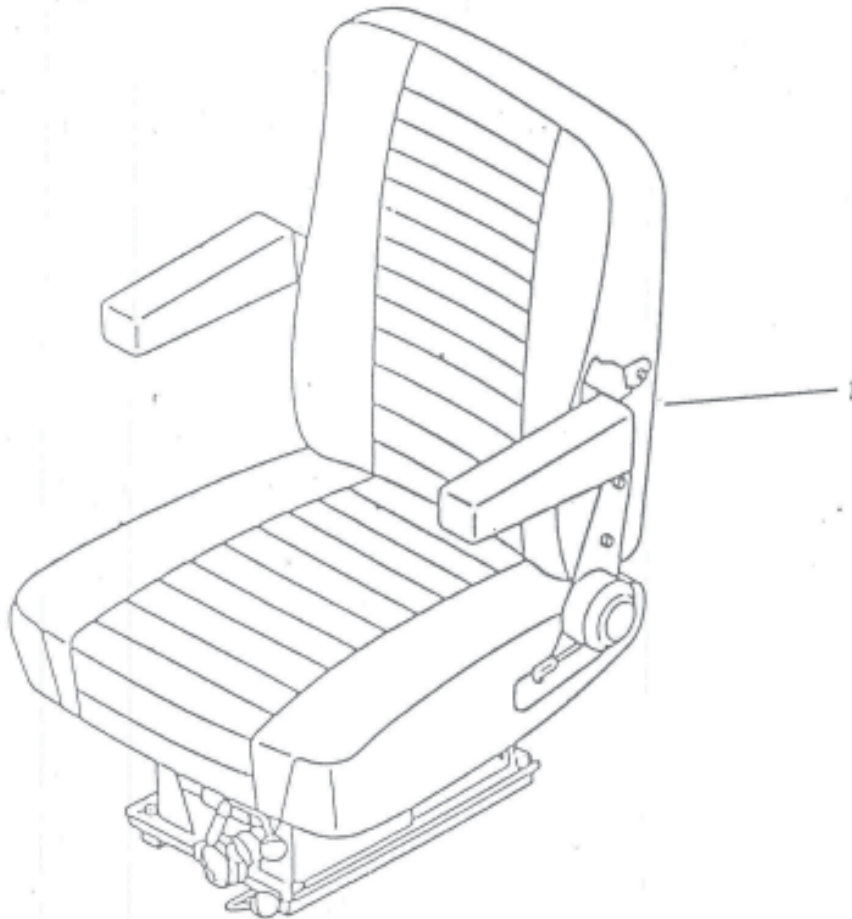
FIG NO. 75 OPERATORS COMPARTEMENT



OPERATORS COMPARTMENT**FIG NO.75**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-HP-02151	OPERATOR'S COMPARTMENT FRAME	1	
02	451-HP-12041	PLATE	1	
03	451-HP-11726	WASHER	1	
04	451-HP-61752	CUSHION	2	
05	451-HP-61744	CUSHION	2	
06	451-HP-11661	COLLAR	2	
07	451-HP-11678	WASHER	2	
08	CFB02-21600	BOLT	4	
09	CFW01-11648	WASHER SPRING	2	
10	CFW05-16045	WASHER	2	
11	CFN01-21615	NUT	4	
12	451-HP-02119	STEP LH	1	
13	451-HP-02102	STEP RH	1	
14	451-HP-02184	WIRE STEP	2	
15	CFS01-21025	SCREW	8	
16	CFW01-11030	WASHER SPRING	8	
17	CFS01-21030	SCREW	4	
18	451-HP-11004	FLOOR LH	1	
19	451-HP-02143	FLOOR PLATE ASSY RH	1	
20	CFS01-21225	SCREW	8	
21	CFW01-11236	WASHER SPRING	7	
22	CFS01-31240	SCREW	7	
23	CFW01-11236	WASHER	7	

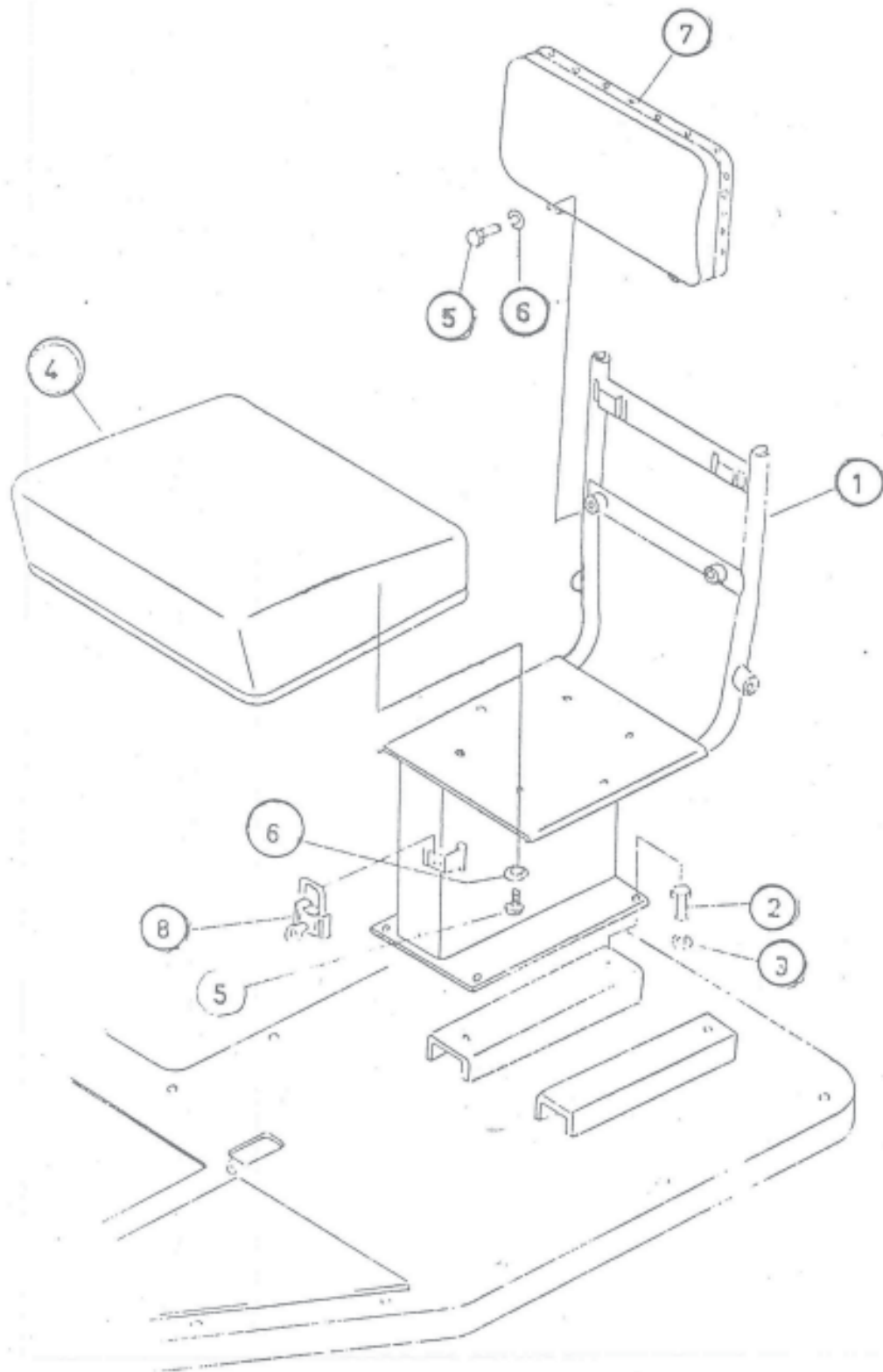
FIG NO. 77 OPERATORS SEAT



OPERATOR'S SEAT**FIG NO77**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-OS-01038	OPERATORS SEAT ASSY	1	

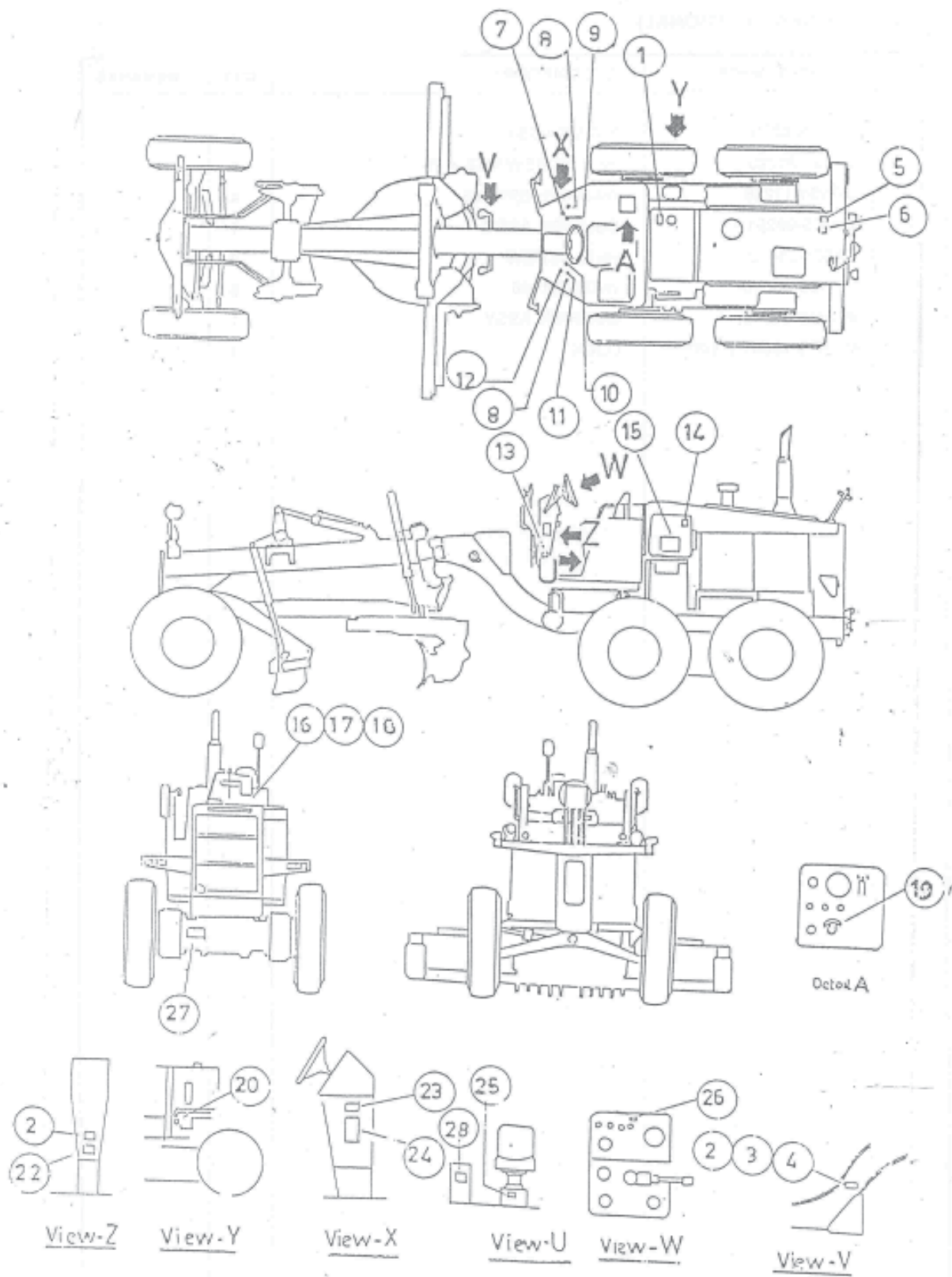
FIG NO.79 AUXILLARY SEAT (OPTIONAL)



AUXILLARY SEAT (OPTIONAL)**FIG NO.79**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-OS-02253	FRAME ASSY.	1	
02	CFS01-31225	HEX. SCREW M12x25	4	
03	CFW01-11236	WASHER, SPRING	4	
04	451-OS-02261	CUSHION ASSY.	1	
05	CFS01-20616	HEX. SCREW	8	
06	CFW03-10616	WASHER M6	8	
07	451-OS-02278	CUSHION ASSY.	1	
08	451-OS-13091	LOCK	1	

FIG NO.80 MARK AND PLATE



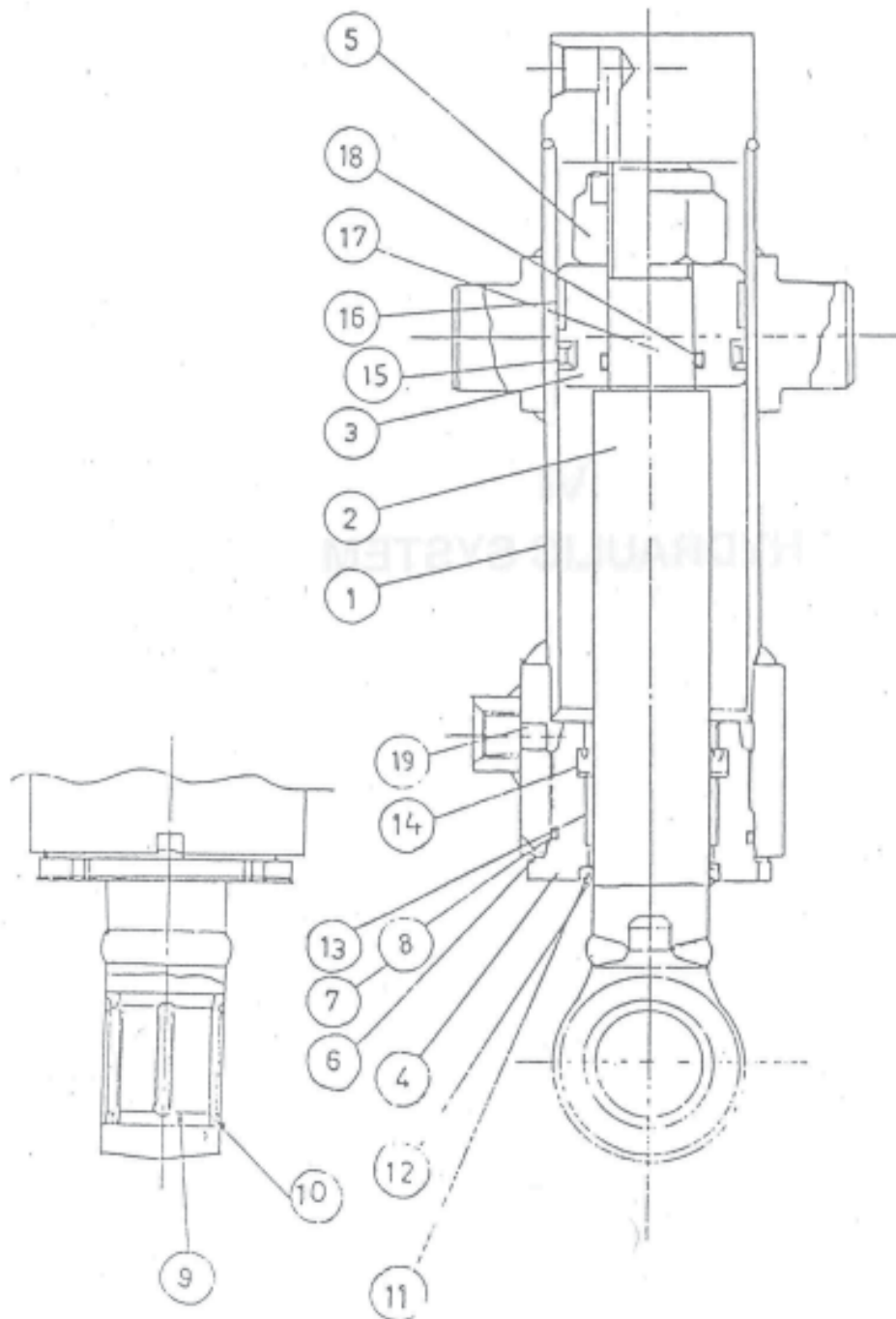
MARK & PLATE**FIG NO80**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	TSS01-10000	PLATE	1	FOR ENC
02	451-DZ-21133	PLATE	1	
03	CFS02-10408	SCREW	4	
04	CFW01-10410	WASHER, SPRING	4	
05	TSS09-10000	PLATE, SAFETY	1	
06	TSS05-00100	PLATE, CAUTION, RADIATOR	1	
07	451-DZ-21085	PLATE	1	
08	451-DZ-21077	PLATE	2	
09	451-DZ-21093	PLATE	1	
10	451-DZ-21011	PLATE	1	
11	451-DZ-21109	PLATE	1	
12	451-DZ-21117	PLATE	1	
13	451-DZ-21069	PLATE	1	
14	TSS08-10000	PLATE, CAUTION HYD TANK CAP	1	
15	451-DZ-21125	OIL CHART	1	
16	451-DZ-21141	MARK PLATE	1	
17	CFS02-10542	SCREW	4	
18	CFN01-10547	NUT	1	
19	TSS10-01050	PLATE OPERATION STARTING SWITCH	1	
20	TSS07-00100	PLATE CAUTION	1	
21	TSS04-10010	PLATE, CAUTION ENGINE STOP	1	
22	451-DZ-21052	PLATE	1	
23	TSS06-10010	PLATE, SAFETY	1	
24	TSS03-10000	PLATE, SAFETY	1	
25	451-DZ-21028	PLATE, SEAT ADJ.	1	
26	451-DZ-21044	PLATE, PARKING BRAKE	1	
27	TSS02-10000	PLATE, SAFETY	1	
28	451-DZ-21036	PLATE	1	
29	284300003940	PLATE	1	

VI

HYDRAULIC SYSTEM

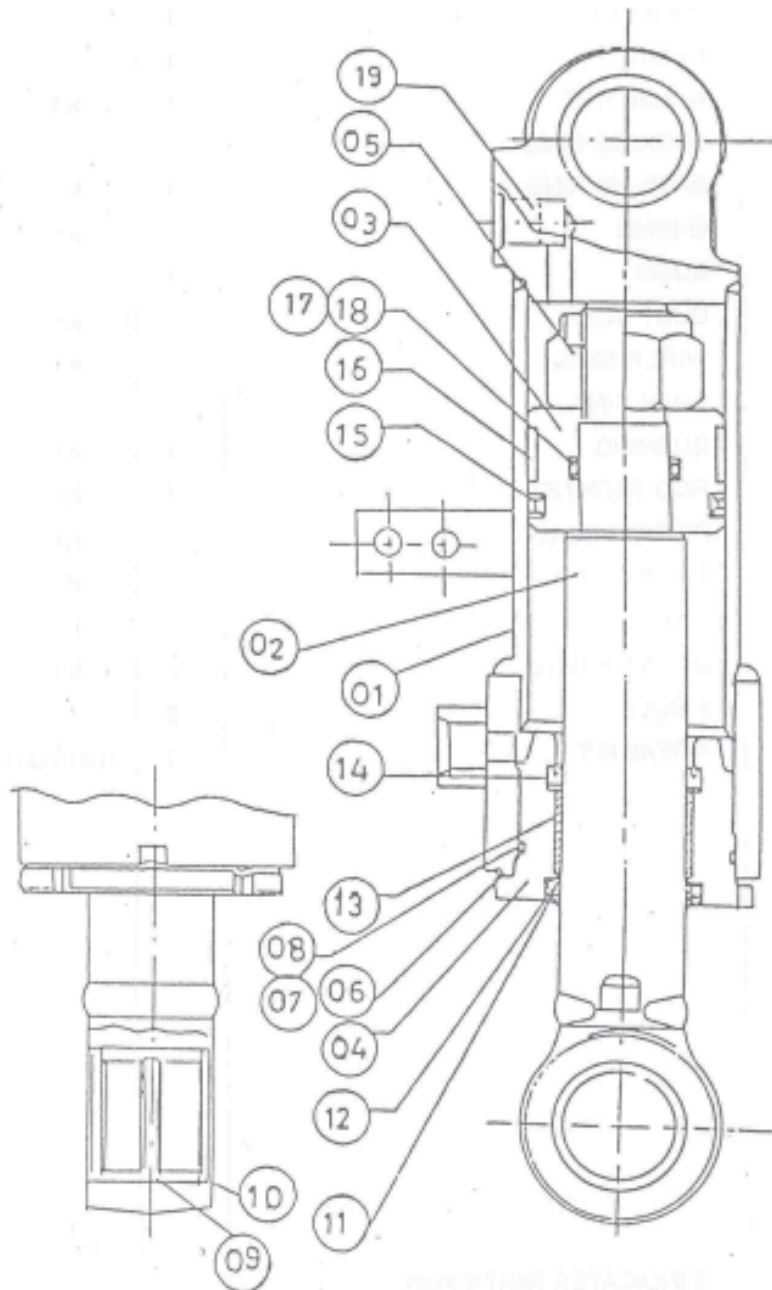
FIG NO. 83 BLADE SHIFT CYLINDER



BLADE SHIFT CYLINDER(451-HC-01006)**FIG NO. 83**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-HC-01006	BLADE SHIFT CYL. ASSY.	1	FOR SHIPPING ONLY
01	451-HC-02002	TUBE ASSY.	1	
02	451-HC-02019	PISTON ROD ASSY.	1	
03	451-HC-11075	PISTON	1	
04	451-HC-11083	GLAND	1	
05	CFN44 13638 *	NYLOCK NUT	1	
06	451-HC-11091	LOCKING RING	1	
07	CHS02-02085 *	RING, BACKUP	1	
08	CHS01-02085 *	O RING	1	
09	451-HC-11107	BUSH	1	
10	CSD01-00045 *	DUST SEAL	1	
11	110-HC-91168 *	WIPER SEAL	1	
12	CFL10-00069	SNAP RING	1	
13	CSB02-05030	BUSHING	1	
14	935-HC-91092 *	ROD PACKING	1	
15	451-HC-91111 *	PISTON SEAL	1	
16	CGR03-00820 *	PISTON RING	1	
17	CHS01-03038 *	O-RING	1	
18	CHS02-03038 *	RING BACK UP	2	
19	CFB17-12035	BOLT	2	
	451-HC-00026	SEAL KIT (* MARKED ITEMS)	1	

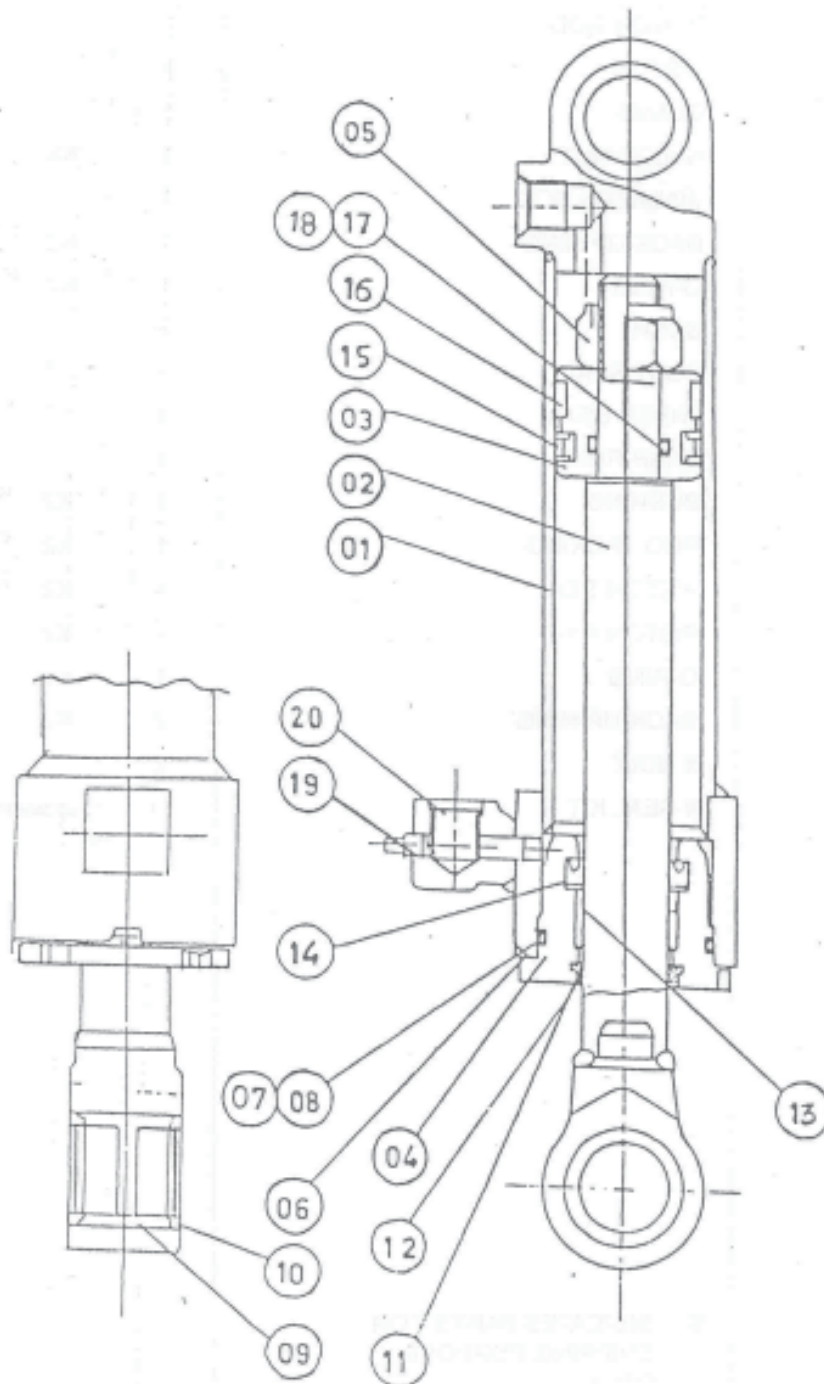
FIG NO.86 LEANING CYLINDER



LEANING CYLINDER (451-HC-01014)
FIG NO86

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-HC-01014	LEANING CYL. ASSY.	1	
01	451-HC-02035	TUBE ASSY.	1	
02	451-HC-02027	ROD PISTON	2	
03	451-HC-11075	PISTON	4	
04	451-HC-11083	GLAND	1	
05	CFN44-13638 *	NYLOCK NUT	1	
06	451-HC-11091	WASHER, LOCK	1	
07	CHS02-02085 *	RING BACKUP	1	
08	CHS01-02085 *	O RING	1	
09	451-HC-11107	BUSH	1	
10	CSD01-00045 *	DUST SEAL	1	
11	110-HC-91168 *	WIPER SEAL	1	
12	CFL10-00069	SNAP RING	1	
13	CSB02-05030	BUSHING	1	
14	935-HC-91092 *	ROD PACKING	1	
15	451-HC-91111 *	PISTON SEAL	1	
16	CGR03-00820 *	RING, PISTON	1	
17	CHS01-03038 *	O-RING	1	
18	CHS02-03038 *	RING BACK UP	2	
19	CFB17-12035	BOLT	2	FOR SHIPPING only
	451-HC-00026	SEAL KIT(* MARKED ITEMS)	1	

FIG NO. 89 STEERING CYLINDER

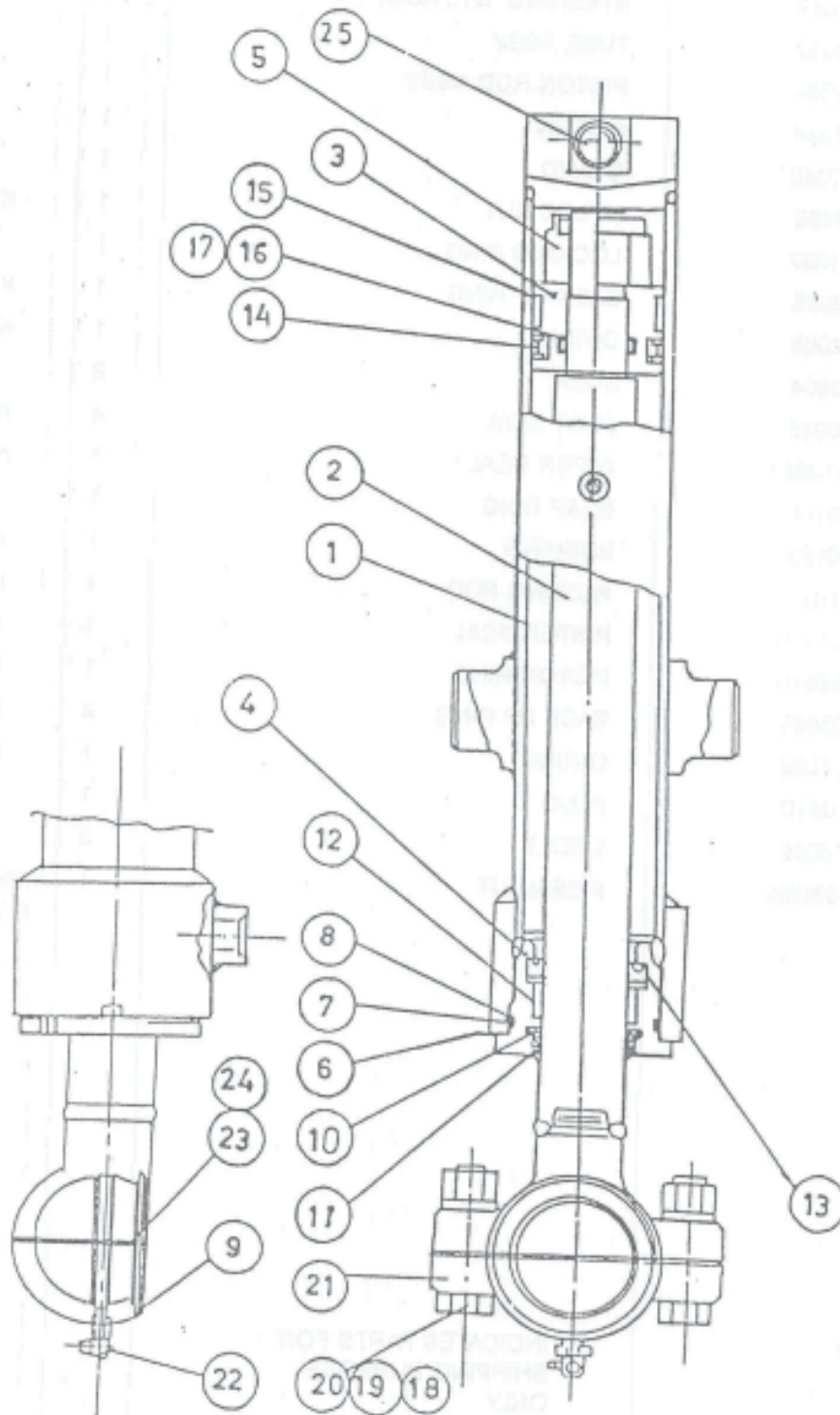


STEERING CYLINDER (451-HC-01047)

FIG NO.89

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-HC-01047	STEERING CYL. ASSY.	1	
01	451-HC-02092	TUBE ASSY.	1	
02	451-HC-02084	ROD PISTON ASSY.	1	
03	451-HC-11334	PISTON	1	
04	451-HC-11342	GLAND	1	
05	CFN44-12426 *	NYLOCK NUT	1	
06	451-HC-11367	LOCKING RING	1	
07	CHS02-02065 *	RING BACKUP	1	
08	CHS01-02065 *	O RING	1	
09	CSB03-10304	BUSH	2	
10	CSD01-00035 *	DUST SEAL	4	
11	451-HC-91388 *	WIPER SEAR	1	
12	CFL10-00054	SNAP RING	1	
13	CSB02-03525	BUSHING	1	
14	451-HC-91371 *	PACKING ROD	1	
15	451-HC-91355 *	PISTON SEAL	1	
16	CGR03-00615 *	PISTON RING	1	
17	CHS02-03025 *	RING, BACKUP	2	
18	CHS01-03025 *	O RING	1	
19	CPL01-10810	PLUG	1	
20	CFB17-12035	BOLT	1	FOR SHIPPING ONLY
	451-HC-00018	SEAL KIT(* MARKED ITEMS)	1	

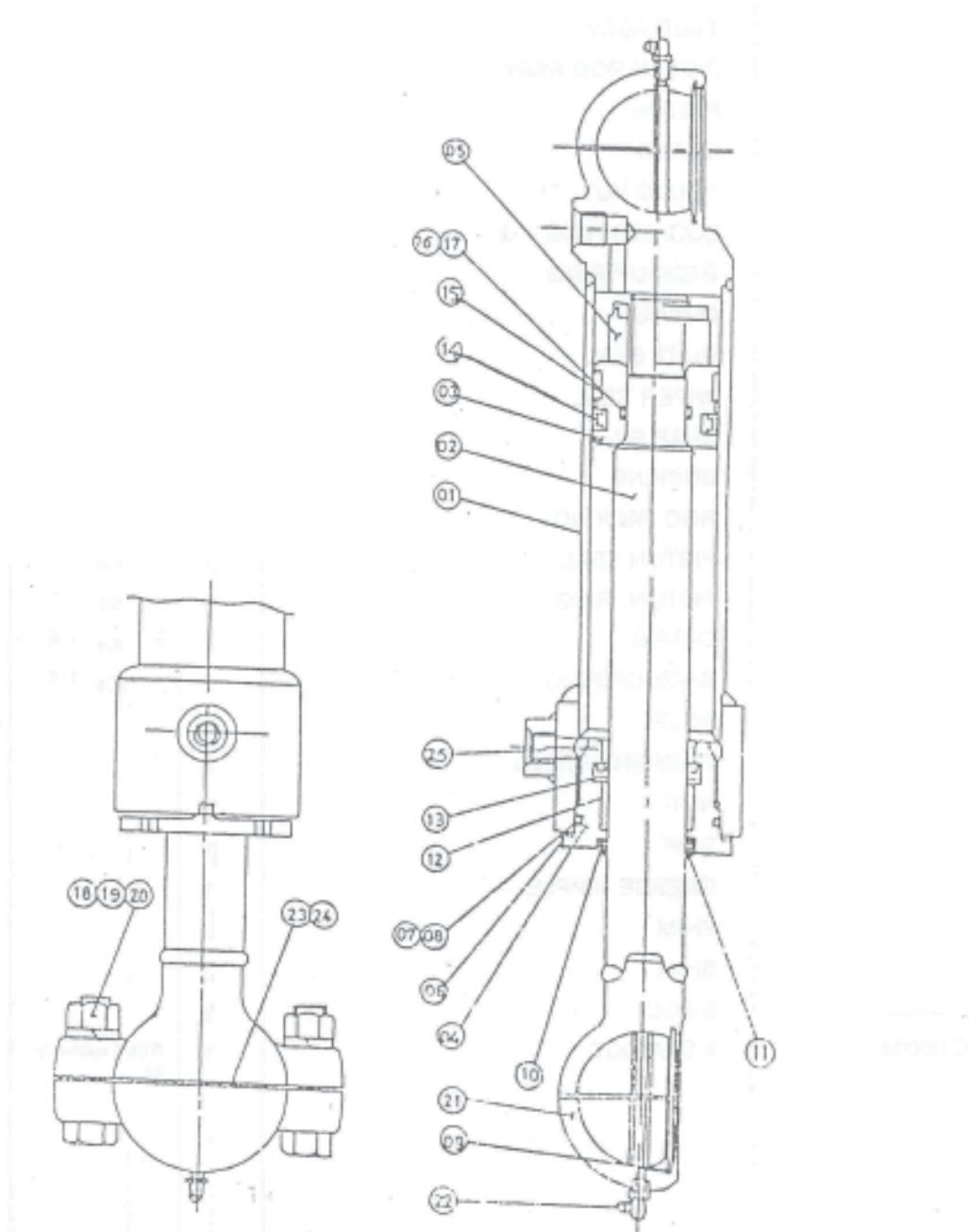
FIG NO. 92 BLADE LIFT CYLINDER



BLADE LIFT CYLINDER (451-HC-01022)
FIG NO92

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-HC-01022	BLADE LIFT CYL. ASSY.	1	
01	451-HC-02051	TUBE ASSY.	1	
02	451-HC-02043	ROD PISTON	1	
03	451-HC-11075	PISTON	1	
04	451-HC-11083	GLAND	1	
05	CFN44-13638 *	NYLOCK NUT	1	
06	451-HC-11091	LOCKING RING	1	
07	CHS02-02085 *	BACKUP RING	1	
08	CHS01-08085 *	O RING	1	
09	CHS13-00090 *	DUST SEAL	1	
10	110-HC-91168 *	WIPER SEAL	1	
11	CFL10-00069	SNAP RING	1	
12	CSB02-05030	BUSHING	1	
13	935-HC-91092 *	ROD PACKING	1	
14	451-HC-91111 *	PISTON SEAL	1	
15	CGR03-00820 *	RING, PISTON	1	
16	CHS01-03038 *	O RING	1	
17	CHS02-03038 *	BACK UP RING	2	
18	CFB01-22075	BOLT	2	
19	CFW01-12060	WASHER SPRING	2	
20	CFN01-22018	NUT	2	
21	CCP07-00980	CAP	1	
22	CLN01-10900	GREASE NIPPLE	1	
23	CMS02-00905	SHIM	2	
24	CMS02-00902	SHIM	2	
25	CFB17-12035	BOLT	2	FOR SHIPPING ONLY
	451-HC-00034	SEAL KIT(* MARKED ITEMS)	1	

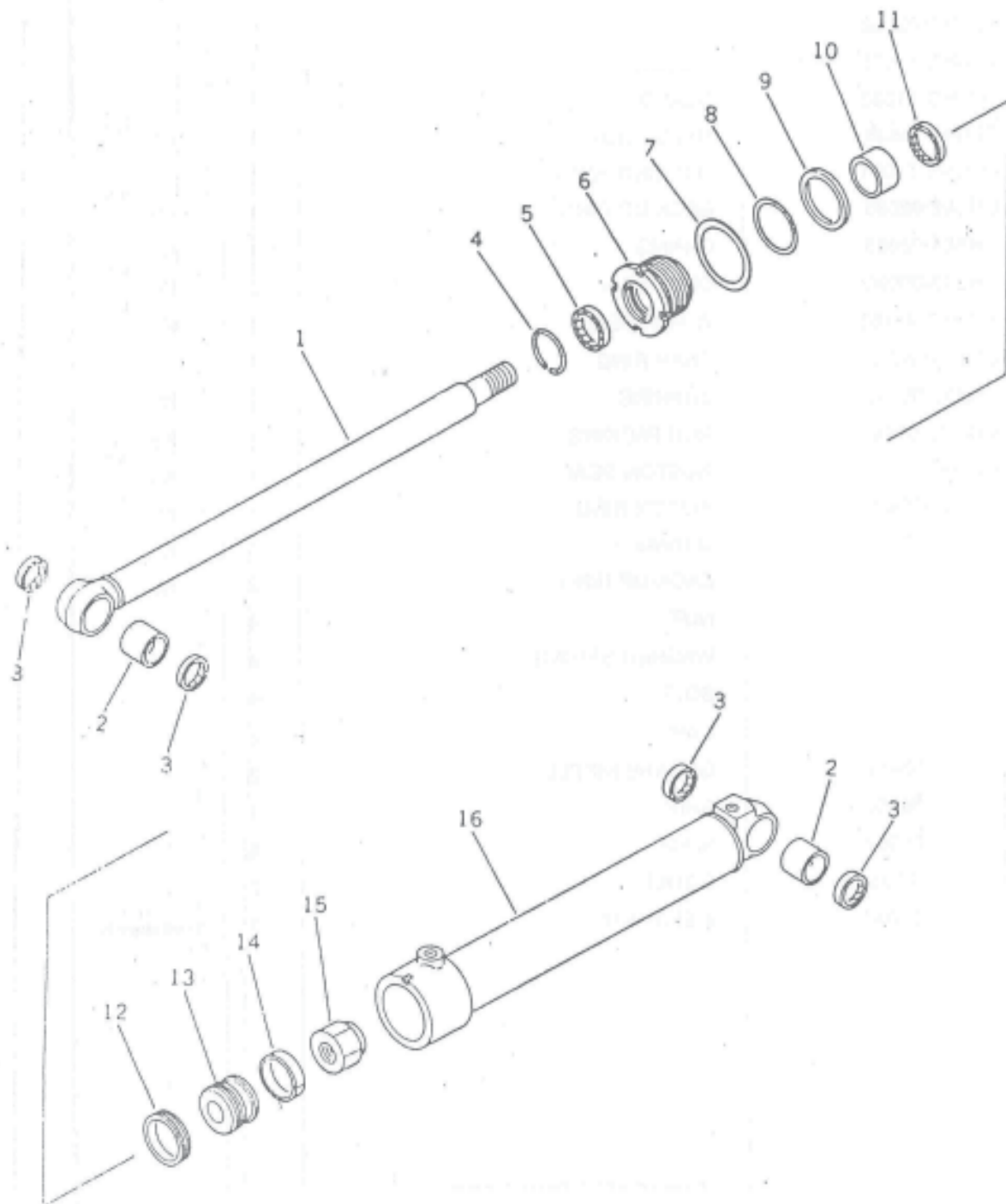
FIG NO. 95 DRAW BAR SHIFT CYLINDER



DRAW BAR SHIFT CYLINDER (451-HC-01039)**FIG NO.95**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-HC-01039	D.B.SHIFT CYLINDER	1	
01	451-HC-02076	TUBE ASSY.	1	
02	451-HC-02068	PISTON ROD ASSY.	1	
03	451-HC-11075	PISTON	1	
04	451-HC-11083	GLAND	1	
05	CFN44-13638 *	NYLOCK NUT	1	
06	451-HC-11091	LOCKING RING	1	
07	CHS02-02085 *	BACKUP RING	1	
08	CHS01-02085 *	O RING	1	
09	CHS13-00090 *	DUST SEAL	2	
10	110-HC-91168 *	WIPER SEAL	1	
11	CFL10-00069	SNAP RING	1	
12	CSB02-05030	BUSHING	1	
13	935-HC-91092 *	ROD PACKING	1	
14	451-HC-91111 *	PISTON SEAL	1	
15	CGR03-00820 *	PISTON RING	1	
16	CHS01-03038 *	O RING	1	
17	CHS02-03038 *	BACK UP RING	2	
18	CFN01-22018	NUT	4	
19	CFW01-12060	WASHER, SPRING	4	
20	CFB01-22075	BOLT	4	
21	CCP07-00980	CAP	2	
22	CLN01-10900	GREASE NIPPLE	2	
23	CMS02-00905	SHIM	4	
24	CMS02-00902	SHIM	6	
25	CFB17-12035	BOLT	2	FOR SHIPPING ONLY
	451-HC-00042	SEAL KIT(* MARKED ITEMS)	1	

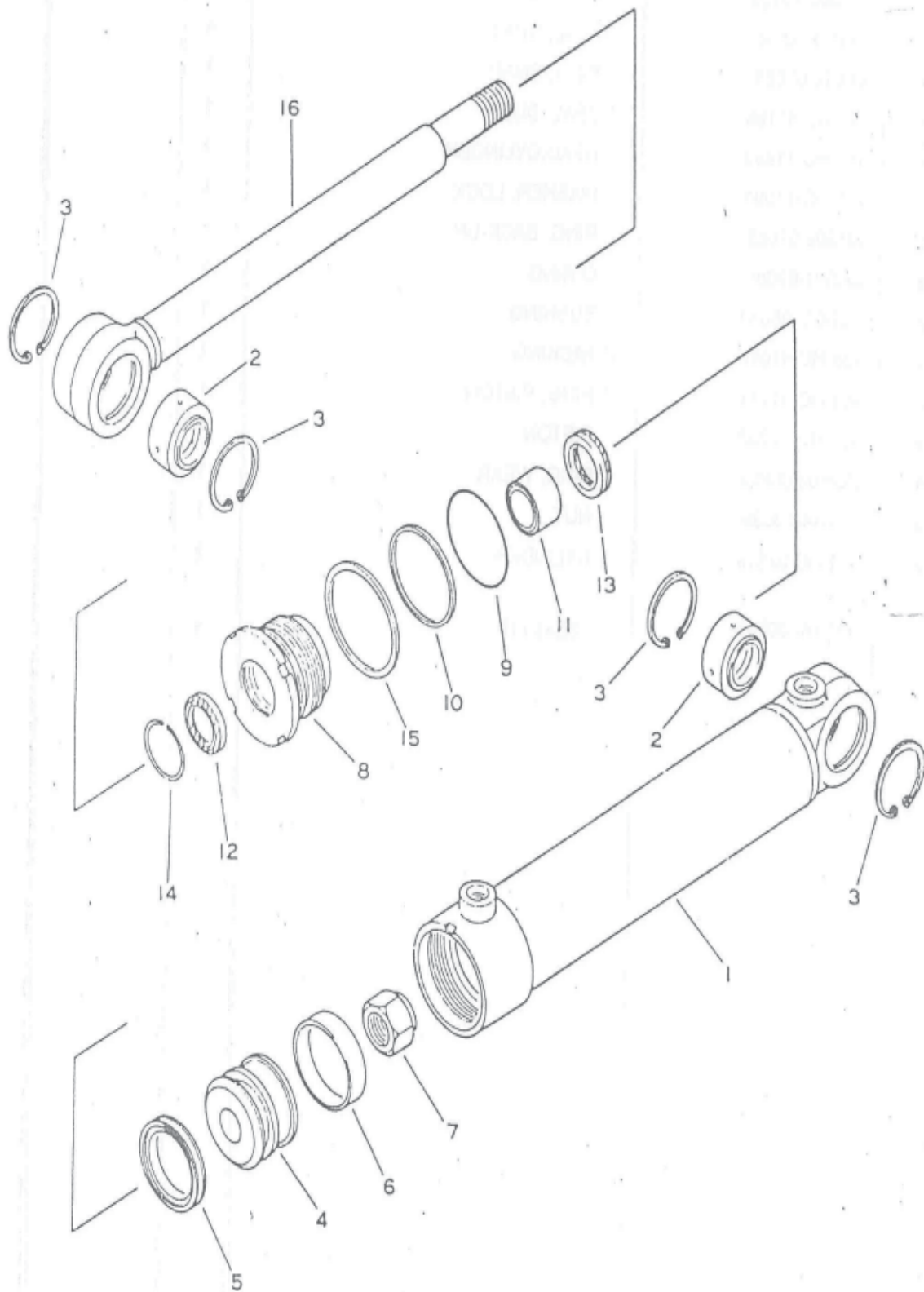
FIG NO. 96 SCARIFIER CYLINDER (OPTIONAL)



SCARIFIER CYLINDER (OPTIONAL) (451-HC-01103)**FIG NO.96**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-HC-01103	SCARIFIER CYLINDER	1	
01	451-HC-02327	ROD, PISTON	1	
02	CSB03-01405	BUSHING	2	
03	CFD01-00045 *	SEAL, DUST	4	
04	CFL10-00069	RING, SNAP	1	
05	110-HC-91168 *	SEAL, DUST	1	
06	451-HC-11083	HEAD CYLINDER	1	
07	451-HC-11091	WASHER, LOCK	1	
08	CHS02-02085 *	RING, BACK-UP	1	
09	CHS01-02085 *	O-RING	1	
10	CSB02-05030	BUSHING	1	
11	935-HC-91092 *	PACKING	1	
12	451-HC-91111 *	RING, PISTON	1	
13	451-HC-12007	PISTON	1	
14	CGR03-00820 *	RING, WEAR	1	
15	CFN44-13638 *	NYLOCK NUT	1	
16	451-HC-02319	CYLINDER	1	
	451-HC-00067	SEAL KIT (* MARKED ITEMS)	1	

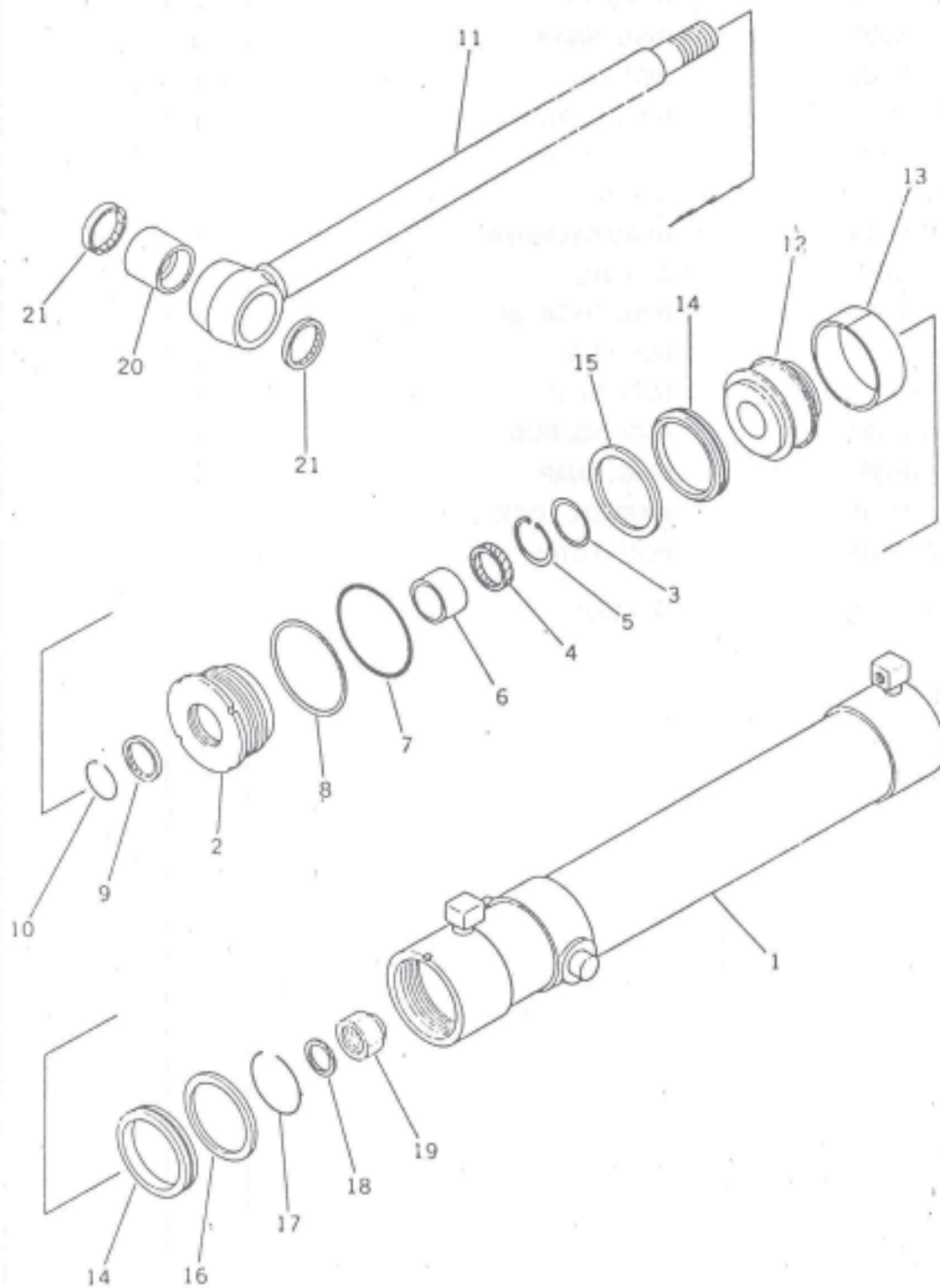
FIG NO.97 POWER TILT CYLINDER (OPTIONAL)



POWER TILT CYLINDER(OPTIONAL) (451-HC-01022)**FIG NO.97**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-HC-01111	POWER TILT CYLINDER	1	
01	451-HC-02335	CYLINDER	1	
02	451-HC-12014	BUSHING	2	
03	CFL02-16220	RING, SNAP	4	
04	451-HC-12022	PISTON	1	
05	451-HC-91111 *	RING PISTON	1	
06	CGR03-00820 *	RING, WEAR	1	
07	CFN44-13033 *	NUT, NYLOCK	1	
08	451-HC-12039	HEAD CYLINDER	1	
09	CHS01-02085 *	O-RING	1	
10	CHS02-02085 *	RING, BACK-UP	1	
11	CSB02-04025	BUSHING	1	
12	451-HC-62049 *	SEAL-DUST	1	
13	451-HC-62057 *	PACKING, ROD	1	
14	CFL10-00059	RING, SNAP	1	
15	451-HC-11091	WASHER, LOCK	1	
16	451-HC-02343	ROD, PISTON	1	
	451-SK-01137	SEAL KIT(* MARKED ITEMS)	1	

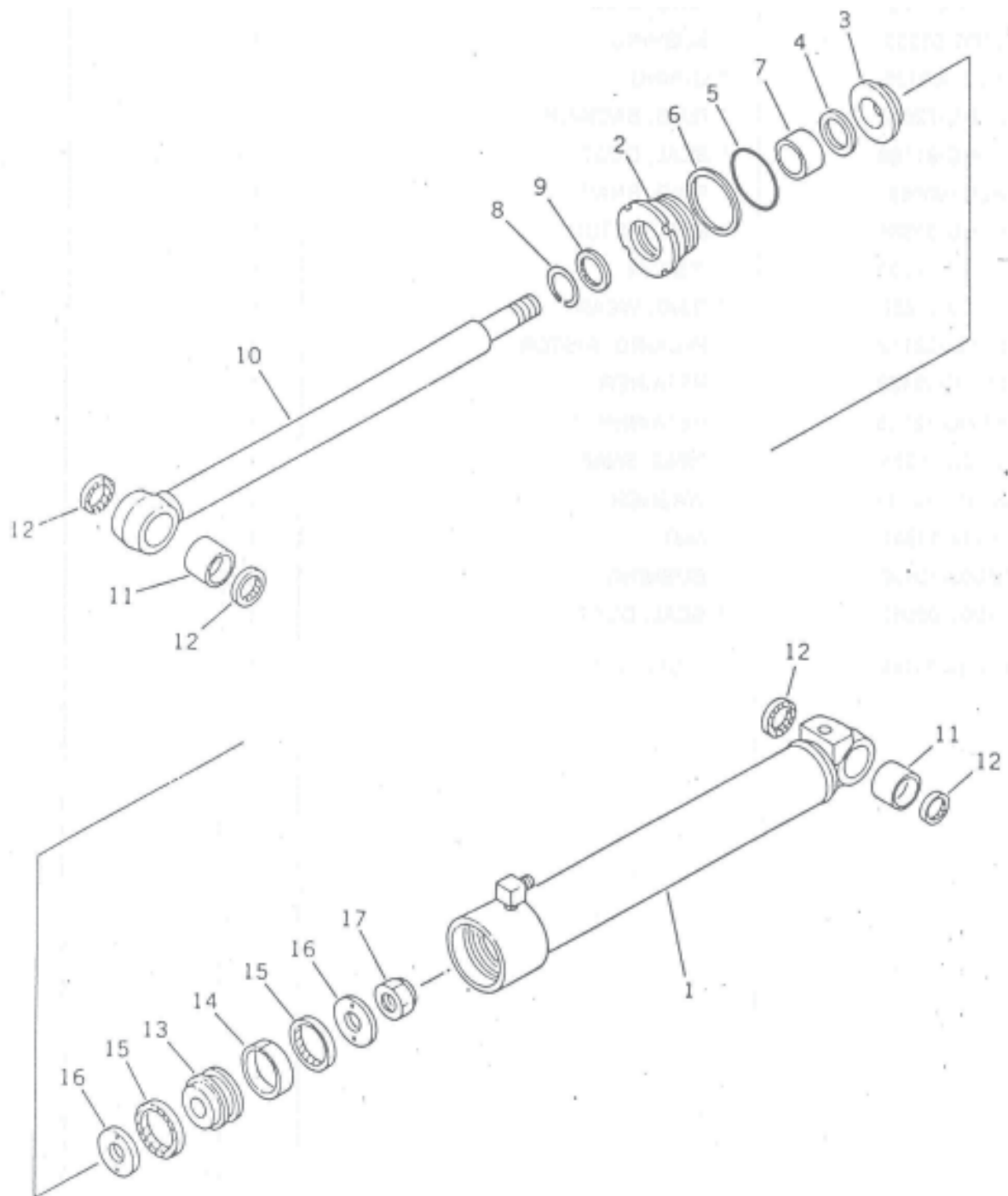
FIG NO.98 RIPPER CYLINDER (OPTIONAL)



RIPPER CYLINDER(OPTIONAL) (451-HC-01128)**FIG NO.98**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-HC-01128	RIPPER CYLINDER	1	
01	451-HC-02351	CYLINDER	1	
02	451-HC-12039	HEAD, CYLINDER	1	
03	451-HC-12071	RETAINER	1	
04	451-HC-62081 *	PACKING, ROD	1	
05	CFL02-17025	RING, SNAP	1	
06	CSB02-05030	BUSHING	1	
07	CHS01-02125 *	O RING	1	
08	451-HC-72093 *	RING, BACK-UP	1	
09	110-HC-91168 *	SEAL, DUST		
10	CFL10-00069	RING, SNAP	1	
11	451-HC-02368	ROD, PISTON	1	
12	451-HC-12103	PISTON	1	
13	CGR03-01230*	RING, WEAR	1	
14	451-HC-62113 *	PACKING, PISTON	2	
15	451-HC-12128	RETAINER	1	
16	451-HC-12136	RETAINER	1	
17	451-ZZ-10984	RING, SNAP	1	
18	451-HC-72141	WASHER	1	
19	CFN44-13941	NUT	1	
20	CSB03-10606	BUSHING	1	
21	CSD01-00060 *	SEAL, DUST	1	
	451-SK-01145	SEAL KIT (* MARKED ITEMS)	1	

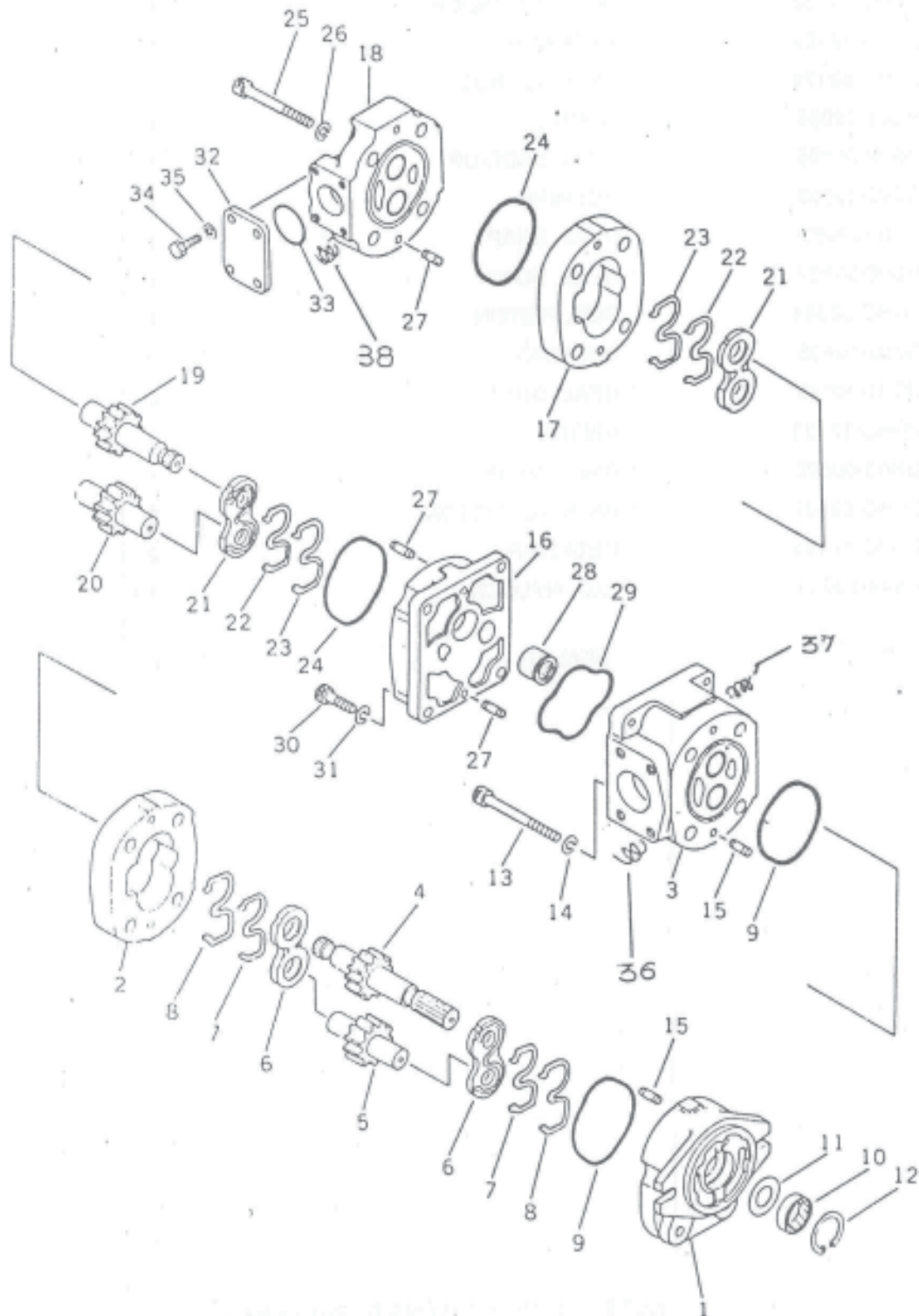
FIG NO. 99 FRONT BLADE CYLINDER (OPTIONAL)



FRONT BLADE CYLINDER (OPTIONAL) (451-HC-01136)**FIG NO99**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-HC-01136	FRONT BLADE CYLINDER	1	
01	451-HC-02376	CYLINDER	1	
02	451-HC-12152	HEAD, CYLINDER	1	
03	451-HC-12169	RETAINER	1	
04	110-HC-02083 *	PACKING, ROD	1	
05	CHS01-02095 *	O RING	1	
06	CHS02-02095 *	RING, BACK-UP	1	
07	CSB02-05030	BUSHING	1	
08	CFL10-00069	RING, SNAP	1	
09	CHS08-00507 *	SEAL, DUST	1	
10	451-HC-02384	ROD, PISTON	1	
11	CSB03-10405	BUSHING	2	
12	CSD01-00045 *	SEAL, DUST	4	
13	451-HC-12193	PISTON	1	
14	CGR03-00820 *	RING, WEAR	1	
15	451-HC-62202 *	PACKING, PISTON	2	
16	451-HC-12185	RETAINER	2	
17	CFN44-13033	NUT, NYLOCK	1	
	451-SK-00059	SEAL KIT (* MARKED ITEMS)	1	

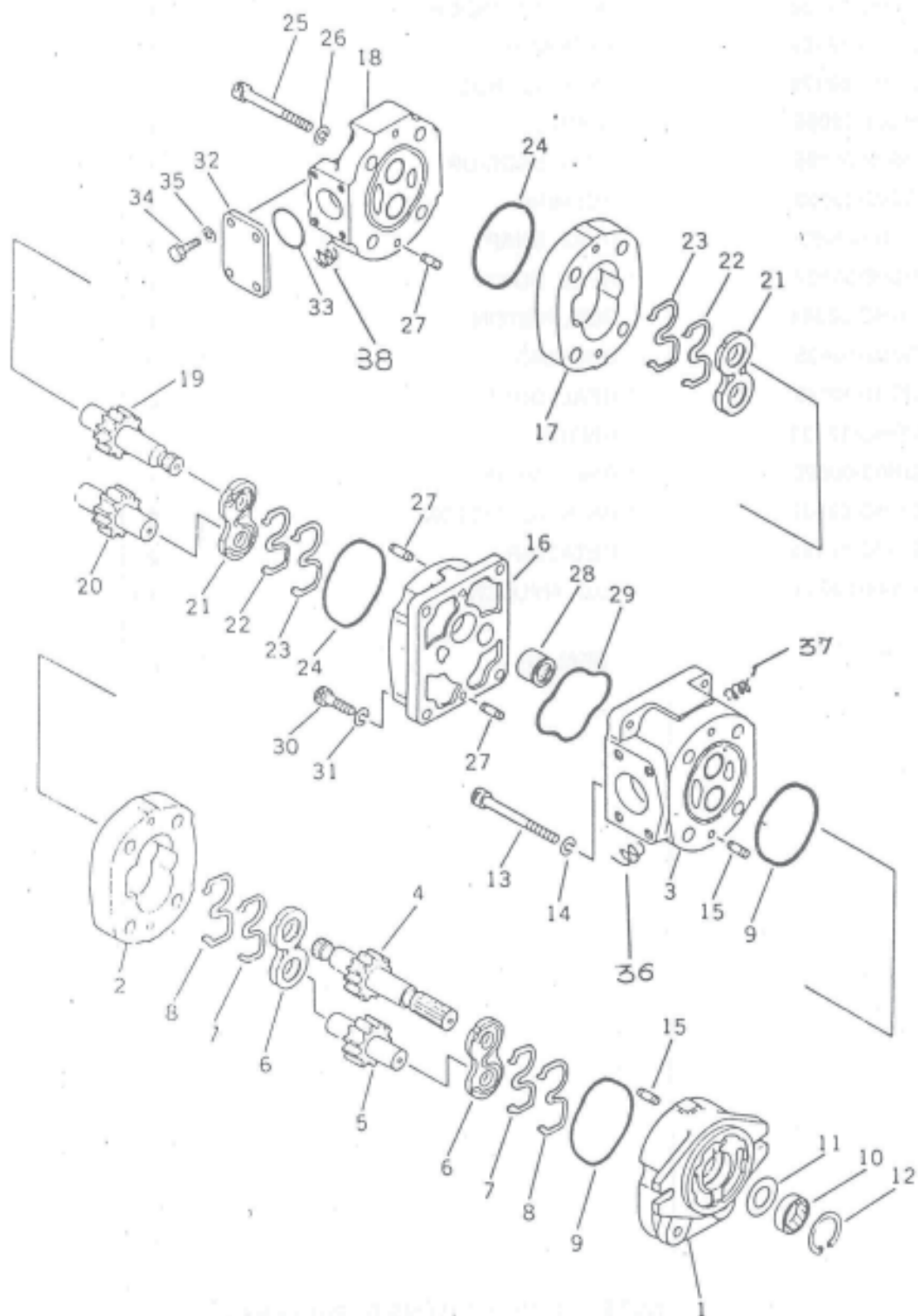
FIG NO.100 HYDRAULIC PUMP



HYDRAULIC PUMP (451-HM-01025)
FIG NO.100

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-HM-01025	PUMP ASSY	1	
	451-HM-02013 *	PUMP ASSY (** MARKED ITEMS)	1	
01	451-HM-02005 **	BRACKET ASSY	1	
02	451-HM-21113 **	CASE GEAR	1	
03	451-HM-03001 **	CARRIER ASSY	1	
04	451-HM-51132 **	GEAR DRIVE	1	
05	451-HM-51149 **	GEAR DRIVEN	1	
06	171-HM-22091 **	PLATE SIDE	2	
07	171-HM-72077 **	RING BACK UP	2	
08	451-HM-62081 **	RING SEAL	2	
09	451-HM-62065 **	O-RING	2	
10	175-HM-61312 **	SEAL OIL	1	
11	451-HM-11094 **	PLATE	1	
12	CFL02 13515 **	RING SNAP	1	
13	375-HM-11109 **	BOLT	4	
14	CFW01-11236 **	SPRING WASHER	4	
15	CFP04-00820 **	PIN DOWEL	4	
16	451-HM-02021 **	PUMP ASSY.	1	
	451-HM-03018 **	BRACKET ASSY	1	
17	451-HM-21113 **	CASE GEAR	1	
18	171-HM-03089 **	COVER ASSY	1	
19	451-HM-51165 **	GEAR DRIVE	1	
20	451-HM-51149 **	GEAR DRIVEN	1	
21	171-HM-22091 **	PLATE SIDE	2	
22	171-HM-72077 **	RING BACK UP	2	
23	451-HM-62081 **	RING SEAL	2	
24	451-HM-62065 **	O-RING	2	
25	375-PH-11929 **	BOLT	4	
26	CFW01-11236 **	SPRING WASHER	4	
27	CFP04-00820 **	PIN DOWEL	6	
28	451-HM- 02038 *	COUPLING ASSY	1	
29	451-HM-61185 *	O-RING	1	
30	375-HM-11328 *	BOLT	4	
31	CFW01-11030 *	SPRING WASHER	4	
32	451-HM-11191 *	PLATE	1	
33	CFS01-13032 *	'O' RING	1	

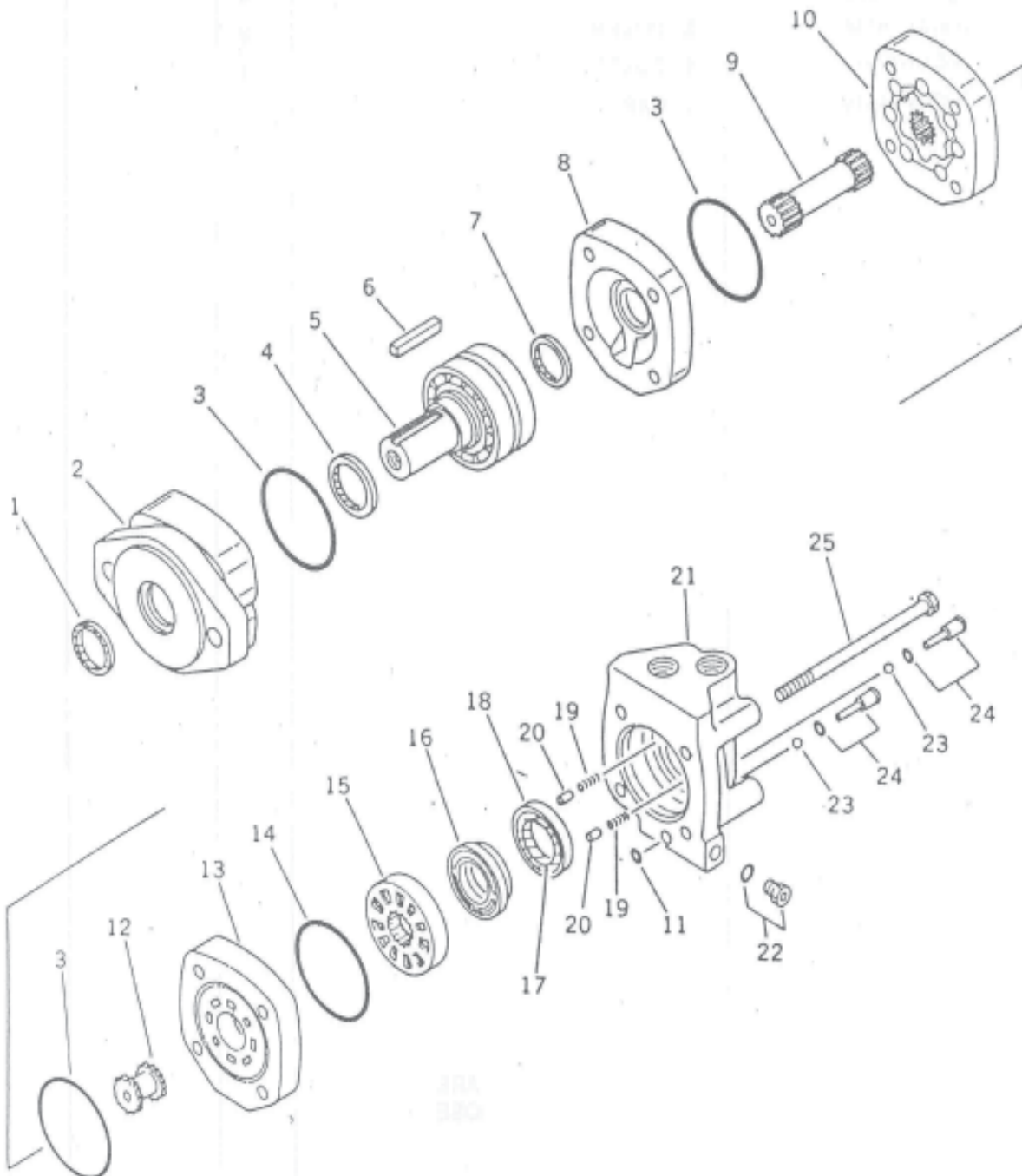
FIG NO.100 HYDRAULIC PUMP



HYDRAULIC PUMP (451-HM-01025)**FIG NO.100**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
34	CFB01-21025 *	BOLT	4	
35	CFW01- 11030 *	WASHER SPRING	4	
36	CSP02-01208 *	HELISERT	1	
37	CSP02-00810 *	HELISERT	4	
38	CSP01-01008 *	HELISERT	8	
	CHC01-08048	COVER	1	FOR SHIPPING ONLY
	CHC01-12070	COVER	1	FOR SHIPPING ONLY
	CHC04-04019	CAP	1	FOR SHIPPING ONLY

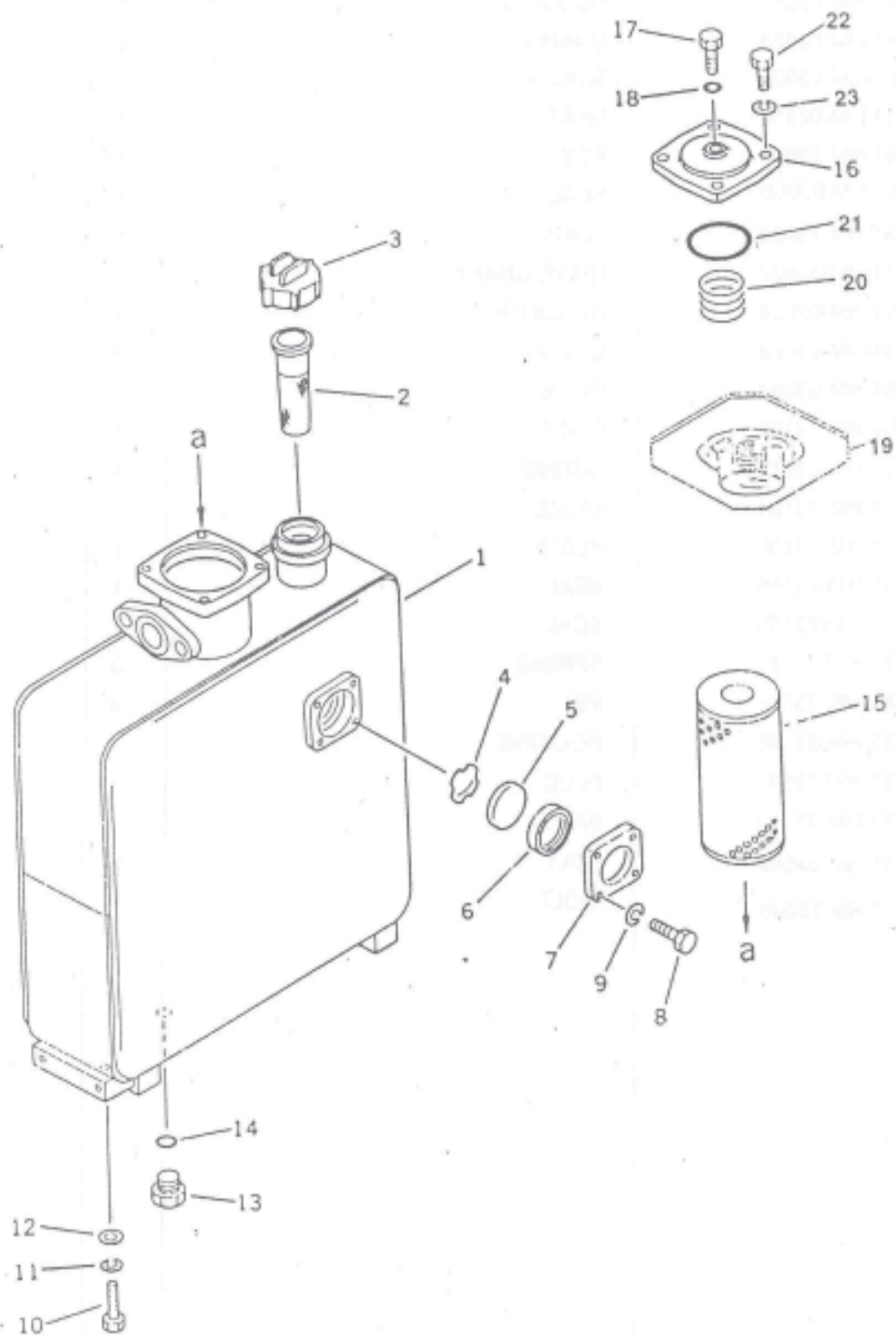
FIG NO.101 HYDRAULIC MOTOR



HYDRAULIC MOTOR (451-HM-01106)**FIG NO.101**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
00	451-HM-01106	HYDRAULIC MOTOR ASSY	1	
01	451-HM-63007 *	SEAL, DUST	1	
02	451-HM-23017 *	HOUSING	1	
03	451-HM-63023 *	O RING	3	
04	451-HM-63031 *	SEAL, OIL	1	
05	451-HM-02516 *	SHAFT	1	
06	451-HM-13046 *	KEY	1	
07	451-HM-63056 *	SEAL	1	
08	451-HM-13062 *	PLATE	1	
09	451-HM-53077 *	DRIVE SHAFT	1	
10	451-HM-02524 *	GEROLER	1	
11	451-HM-63089 *	O RING	3	
12	451-HM-53093 *	DRIVE	1	
13	451-HM-13102 *	PLATE	1	
14	451-HM-63112 *	O RING	1	
15	451-HM-73124 *	VALVE	1	
16	451-HM-13135 *	PLATE	1	
17	451-HM-63145 *	SEAL	1	
18	451-HM-63155 *	SEAL	1	
19	451-HM-13168 *	SPRING	2	
20	451-HM-13176 *	PIN	2	
21	451-HM-23188 *	HOUSING	1	
22	451-HM-02532 *	PLUG	1	
23	451-HM-13192 *	BALL	2	
24	451-HM-02549 *	PLUG ASSY.	2	
25	451-HM-13208 *	BOLT	4	

FIG NO.102 HYDRAULIC RESERVIOR

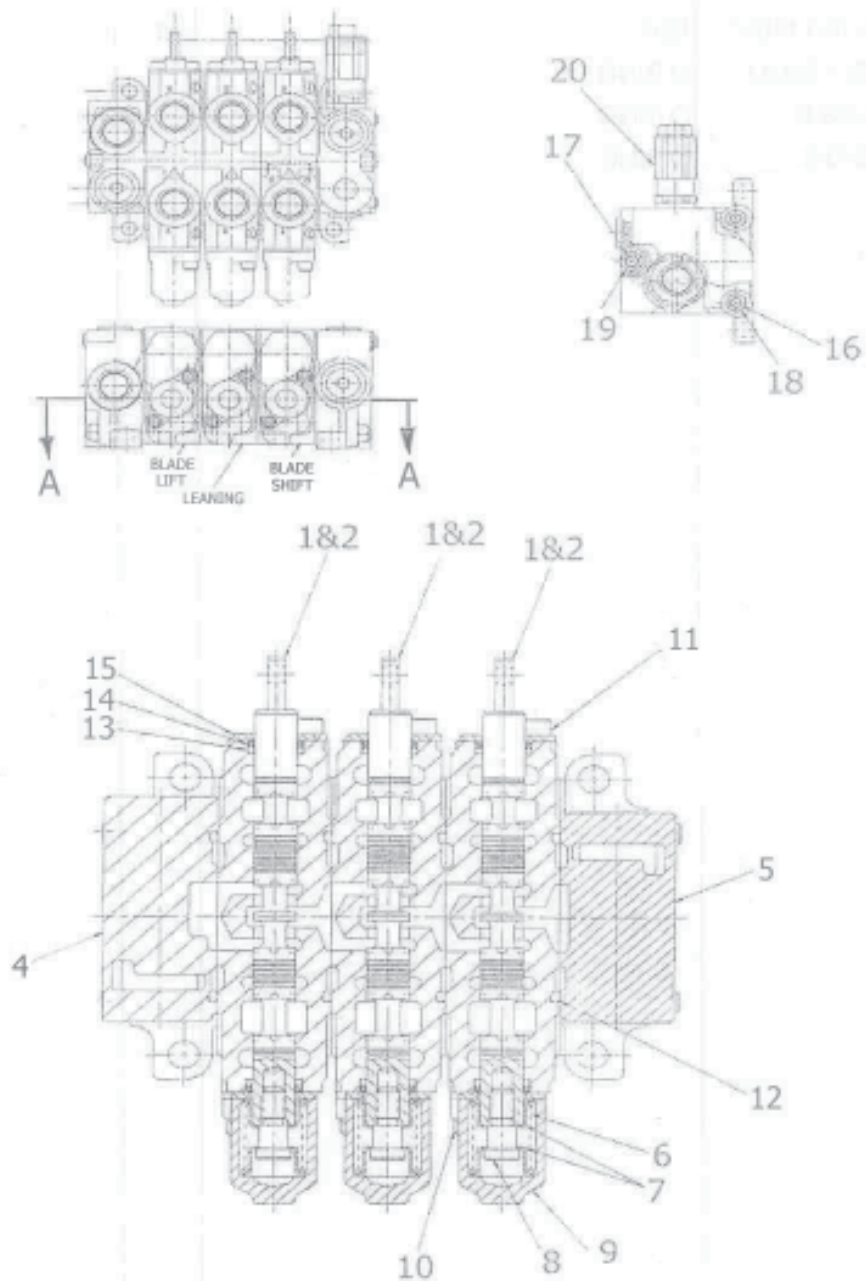


HYDRAULIC REVERVOIR 451-TK-01009

FIG NO.102

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-TK-02021	TANK	1	
02	451-TK-11272	STRAINER	1	
03	CCP02-20000	CAP	1	
04	451-TK-11012	PLATE	1	
05	TCC01-00651	COVER	1	
06	TCR01-11257	RING	1	
07	451-TK-11029	COVER	1	
08	CFS01-20820	BOLT	4	
09	CFW01-10825	WASHER SPRING	4	
10	CFS01-21240	BOLT	4	
11	CFW01-11236	WASHER SPRING	4	
12	CFW01-11225	WASHER	1	
13	CPL03-12412	PLUG	1	
14	CHS03-02434	O RING	1	
15	23B-16-11310	ELEMENT	1	
16	451-TK-11037	COVER	1	
17	451-PT-11184	BOLT	1	
18	CHS01-02008	O RING	1	
19	230601020000	RELIEF VALVE	1	
20	230601000260	SPRING	1	
21	CHS01-03098	O RING	1	
22	CFS01-21230	BOLT	4	
23	CFW01-11236	WASHER SPRING	4	

FIG NO. 103 A HYDRAULIC CONTROL VALVE RH (HUSCO MAKE 3 SPOOL)

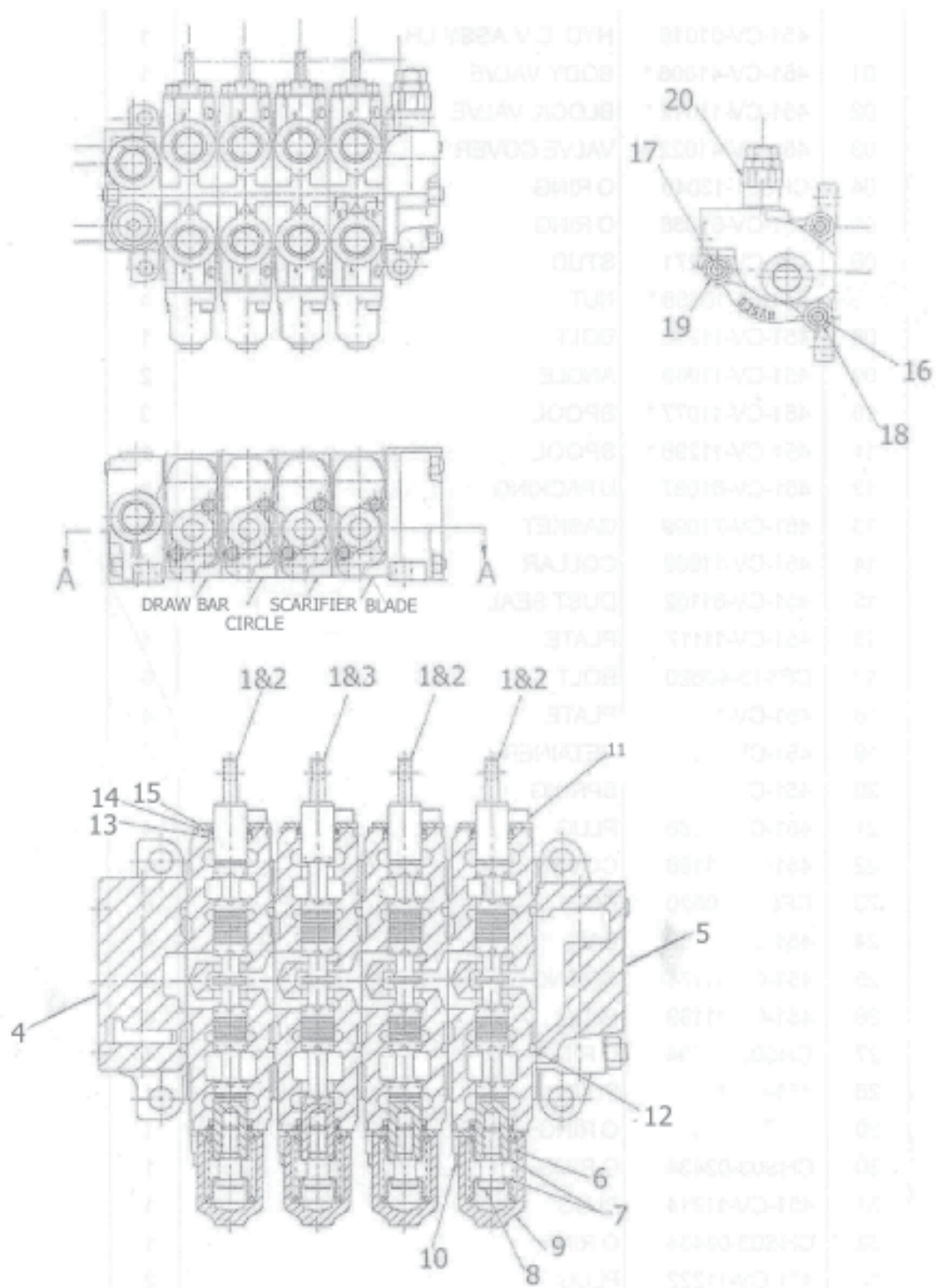


SECTIONAL VIEW

HYDRAULIC CONTROL VALVE RH (HUSCO MAKE (3 SPOOL))
FIG NO.103 A

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-HS-02598	CONTROL VALVE RH	1	FROM 6403~
02	451-HS-12447	HOUSING	3	NOT SERVICABLE
03	451-HS-12455	SPOOL	3	NOT SERVICABLE
04	451-HS-12511	HOUSING OUT LET/INLET	1	
05	451-HS-12472	HOUSING (RELIEF VALVE)	1	
06	452-HS-16617	SPRING	3	
07	452-HS-16593	SPRING SEAT	6	
08	452-HS-16609	SPOOL END	3	
09	452-HS-16625	CAP SPOOL	3	
10	452-HS-16633	CAP SCREW	6	
11	452-HS-16536	SET SCREW	6	
12	452-HS-66457 *	O RING	*	
13	452-HS-66505 *	O RING	*	
14	452-HS-66513 *	WIPER	*	
15	452-HS-16528	PLATE SEAL	3	
16	451-HS-12528	TIE ROD 3/8"-16 UNC	2	
17	451-HS-12536	TIE ROD 5/16-18 UNC	1	
18	452-HS-16569	NUT	4	
19	452-HS-16577	NUT	2	
20	451-HS-12399	MAIN RELIEF VALVE	1	
	451-SK-01194	SEAL KIT	1	RELIEF VALVE KIT
	452-SK-00017	SEAL KIT (* MARKED ITEMS)	1	MAJOR REPAIR KIT
	452-SK-00025	SEAL KIT (* MARKED ITEMS)	1	MINOR REPAIR KIT
	451-SK-01201	SPOOL HOUSING KIT (SL NO 1 & 2)	1	

FIG NO. 104A HYDRAULIC CONTROL VALVE LH (HUSCO MAKE 4 SPOOL)



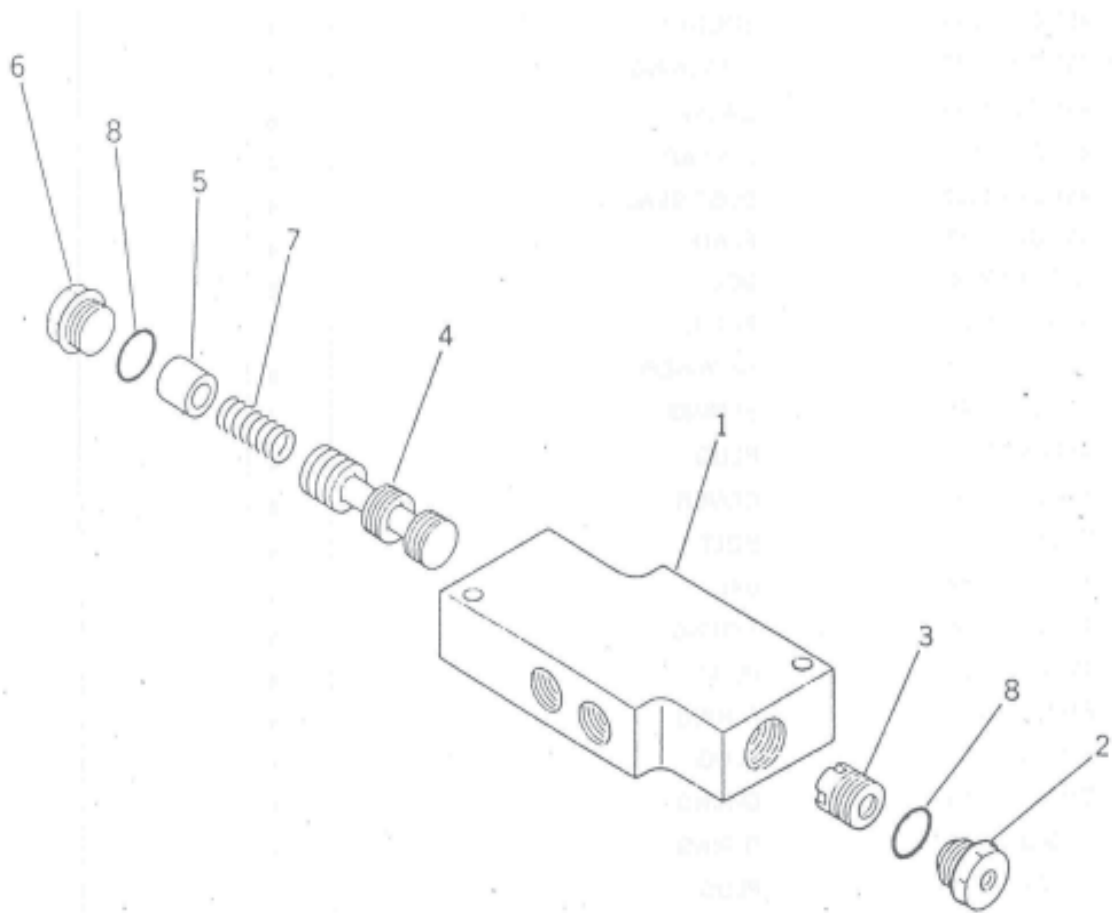
SECTIONAL VIEW

HYDRAULIC CONTROL VALVE LH (HUSCO MAKE (4 SPOOL))

FIG NO. 104 A

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-HS-02581	CONTROL VALVE LH	1	FROM 6403~
01	451-HS-12447	HOUSING	4	NOT SERVICABLE
02	451-HS-12455	SPOOL	1	NOT SERVICABLE
03	451-HS-12504	SPOOL	1	NOT SERVICABLE
04	451-HS-12463	HOUSING OUT LET/INLET	1	
05	451-HS-12472	HOSUING(RELIEF VALVE)	1	
06	452-HS-16617	SPRING	4	
07	452-HS-16593	SPRING SEAT	8	
08	452-HS-16609	SPOOL END	4	
09	452-HS-16625	CAP SPOOL	4	
10	452-HS-16633	CAP SCREW	8	
11	452-HS-16536	SET SCREW	8	
12	452-HS-66457 *	O RING	*	
13	452-HS-66505 *	O RING	*	
14	452-HS-66513 *	WIPER	*	
15	452-HS-16528	PLATE STEEL	8	
16	451-HS-12489	TIE ROD 3/8"-16 UNC	2	
17	451-HS-12497	TIE ROD 5/16-18 UNC	1	
18	452-HS-16569	NUT	2	
19	452-HS-16577	NUT	1	
20	451-HS-12399	MAIN RELIEF VALVE	1	
	451-SK-01194	SEAL KIT	1	RELIEF VALVE KIT
	452-SK-00017	SEAL KIT (* MARKED ITEMS)	1	MAJOR REPAIR KIT
	452-SK-00025	SEAL KIT (* MARKED ITEMS)	1	MINOR REPAIR KIT
	451-SK-01201	SPOOL HOUSING KIT (SL NO 1&2)	1	
	451-SK-01218	SPOOL HOUSING KIT (SL NO 1&3)	1	

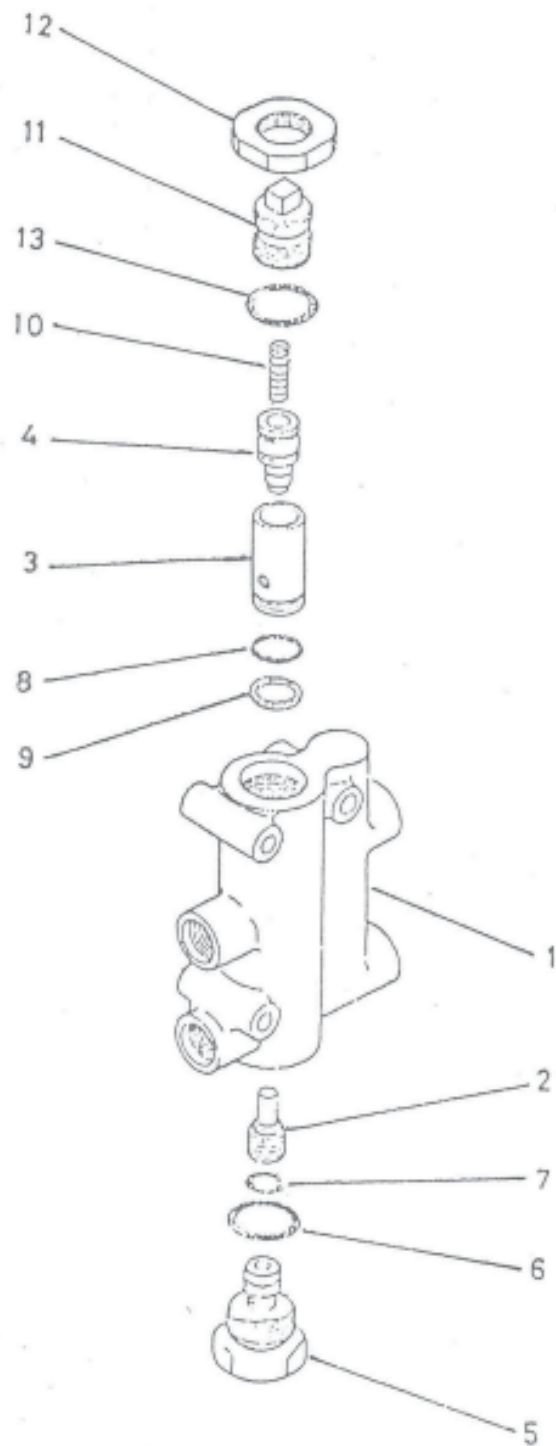
FIG NO.106 DIRECTIONAL CONTROL VALVE(R.H)



DIRECTIONAL CONTROL VALVE(R.H) (451-CV-01032**FIG NO,106**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-CV-01032	DIRECTIONAL C.V. ASSY.	1	
01	451-CV-11336	BODY	1	
02	451-CV-11344	PLUG	1	
03	451-CV-11352	PISTON	1	
04	451-CV-11369	SPOOL	1	
05	451-CV-11377	COLLAR	1	
06	451-CV-11389	PLUG	1	
07	451-CV-11393	SPRING	1	
08	CHS03-03334	O RING	2	

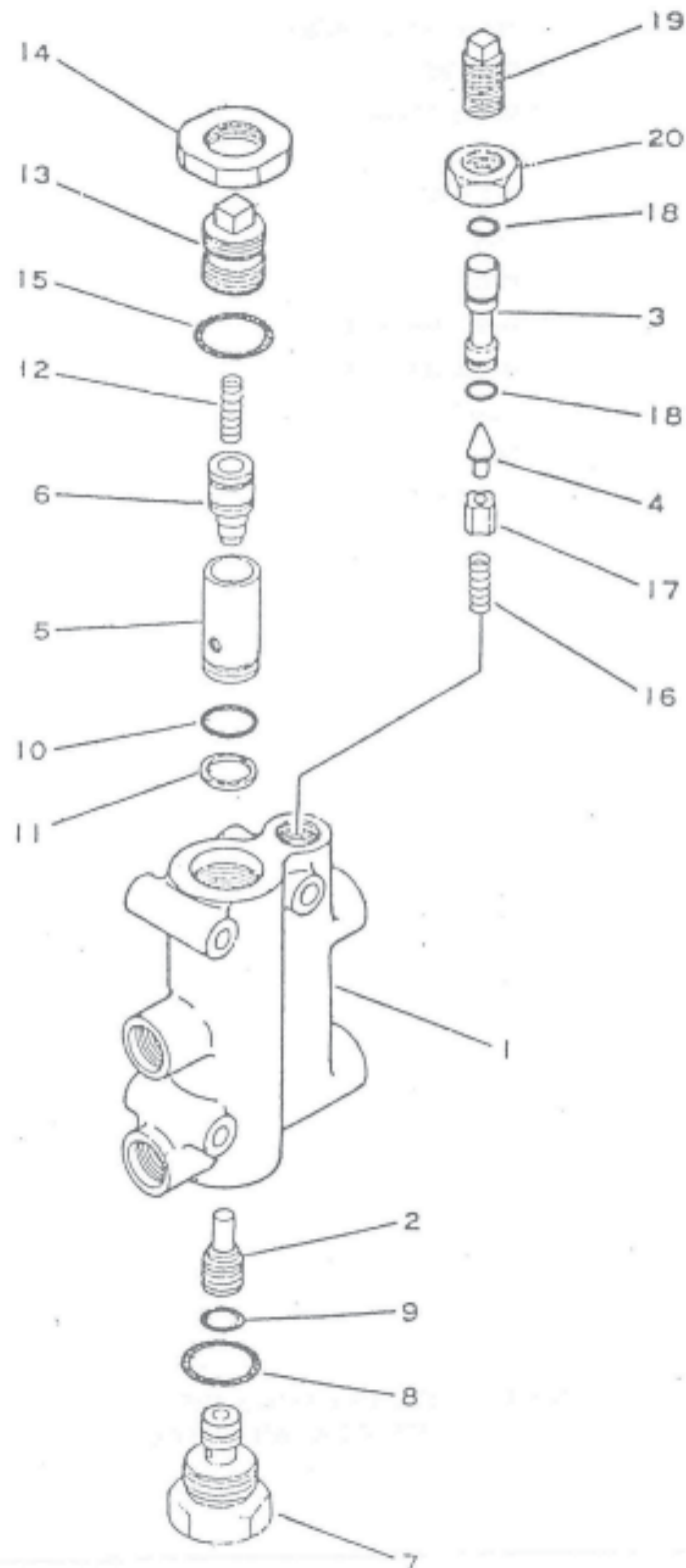
FIG NO.107 PILOT CHECK VALVE (BLADE LIFT RH)



PILOT CHECK VALVE (BLADE LIFT RH) (451-CV-01049)**FIG NO107**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-CV-01049	PILOT CHECK VALVE ASSY.	1	
01	451-CV-41409 *	BODY VALVE	1	
02	451-CV-11417 *	VALVE PILOT	1	
	451-ZZ-11178	MAIN VALVE ASSY. (**MARKED ITEMS)	1	
03	451-CV-11425 **	SLEEVE	1	
04	451-CV-11433 **	VALVE MAIN	1	
05	451-CV-11441	PLUG	1	
06	CHS03-03334	O RING	1	
07	CHS01-03022	O RING	1	
08	CHS01-02021	O RING	1	
09	CHS02-02021	RING, BACKUP	1	
10	451-CV-11458	RING, BACKUP	1	
11	451-CV-11466	PLUG	1	
12	451-CV-11474	NUT	1	
13	CHS03-03034	O RING	1	

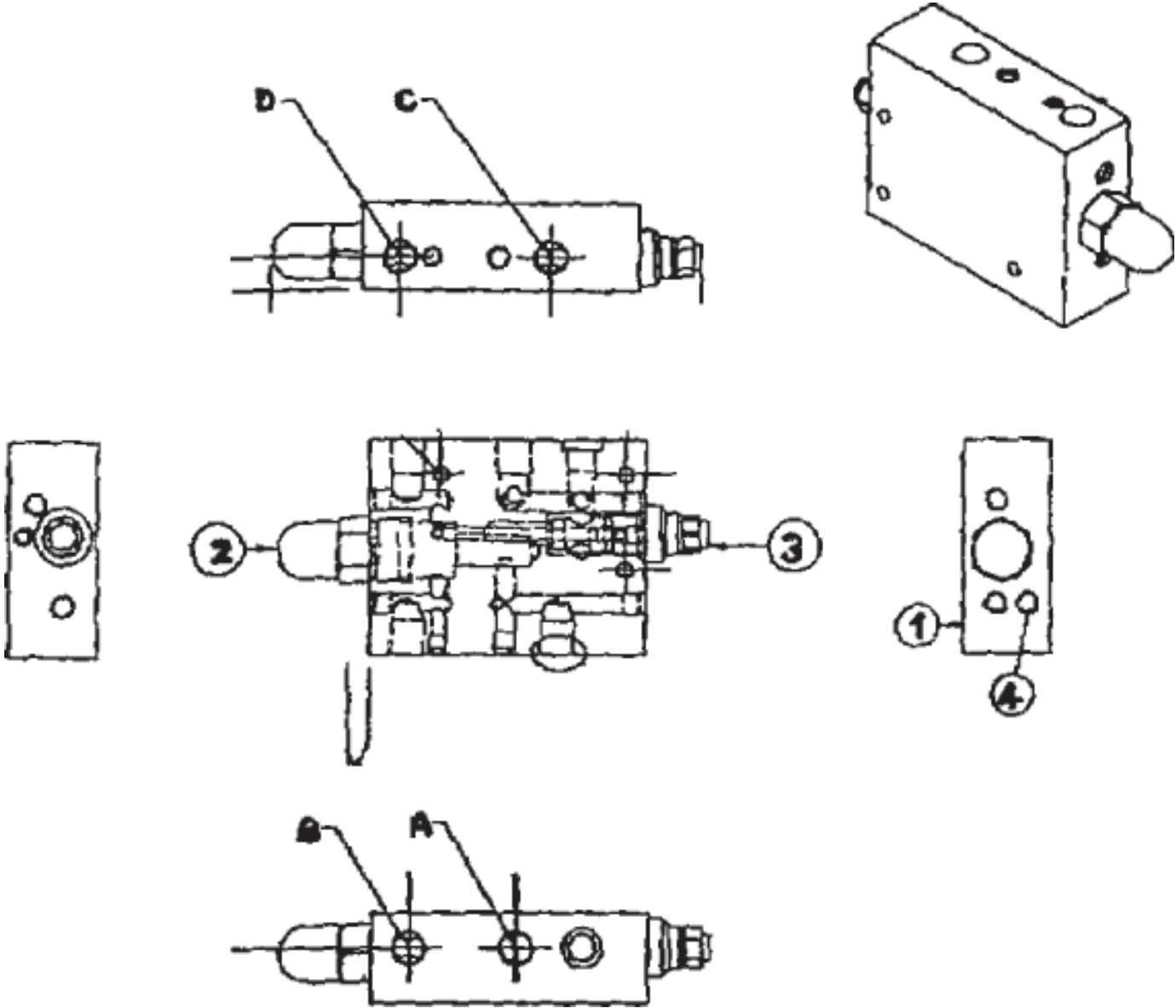
FIG NO.108 PIOLET CHECK VALVE (BLADE LIFT L.H) SCARIFIER)



PILOT CHECK VALVE (BLADE LIFT L.H) (SCARIFIER)451-CV-01057 FIG NO108

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-CV-01057	PILOT CHECK VALVE ASSY.	1	
01	451-CV-41485 *	BODY, VALVE	1	
02	451-CV-11417 *	VALVE, PILOT	1	
03	451-CV-11644 *	SPOOL	1	
04	451-CV-11499 *	VALVE PILOT	1	
	451-ZZ-11186	MAIN VALVE ASSY.(** MARKED ITEMS)	1	
05	451-CV-11425 **	SLEEVE	1	
06	451-CV-11433 **	VALVE, MAIN	1	
07	451-CV-11441	PLUG	1	
08	CHS03-03334	O RING	1	
09	CHS01-03022	O RING	1	
10	CHS01-02021	O RING	1	
11	CHS02-02021	RING, BACKUP	1	
12	451-CV-11458	SPRING	1	
13	451-CV-11466	PLUG	1	
14	451-CV-11474	NUT	1	
15	CHS03-03034	O RING	1	
16	451-CV-11506	SPRING	1	
17	451-CV-11514	COLLAR	1	
18	CHS01-02012	O RING	2	
19	451-CV-11522	BOLT	1	
20	CFN01-12012	NUT	1	

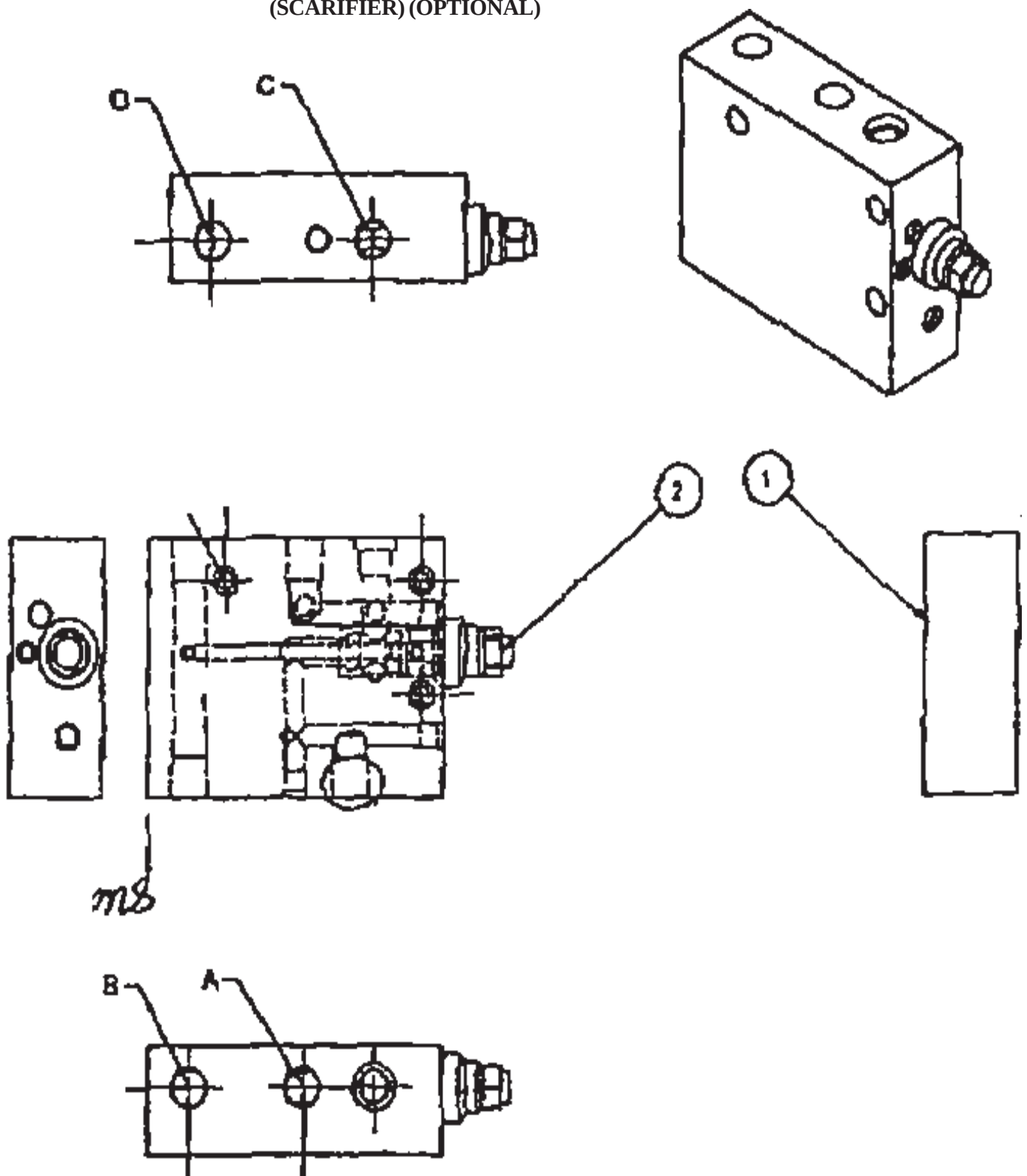
FIG NO. PILOT CHECK VALVE (BLADE LIFT L.H) SCARIFIER) REX ROTH



PILOT CHECK VALVE (BLADE LIFT L.H) SCARIFIER)REX ROTH FIG NO.

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-HS-02036	PILOT CHECK VALVE ASSY.	1	**
	451-HS-12544	LOAD HOLDING BLOCK ASSLY.	1	
02	451-HS-12552	RELIEF VALVE	1	
03	451-HS-12569	PILOT OPE. CHECK VALVE	1	
04	451-HS-12577	ORIFICE	1	
** MARKED ITEM WILL REPLACES KOMATSU P.C. VALVE ASSY.				

FIG NO. PILOT CHECK VALVE (BLADE LIFT R.H)) (REX ROTH)
(SCARIFIER) (OPTIONAL)

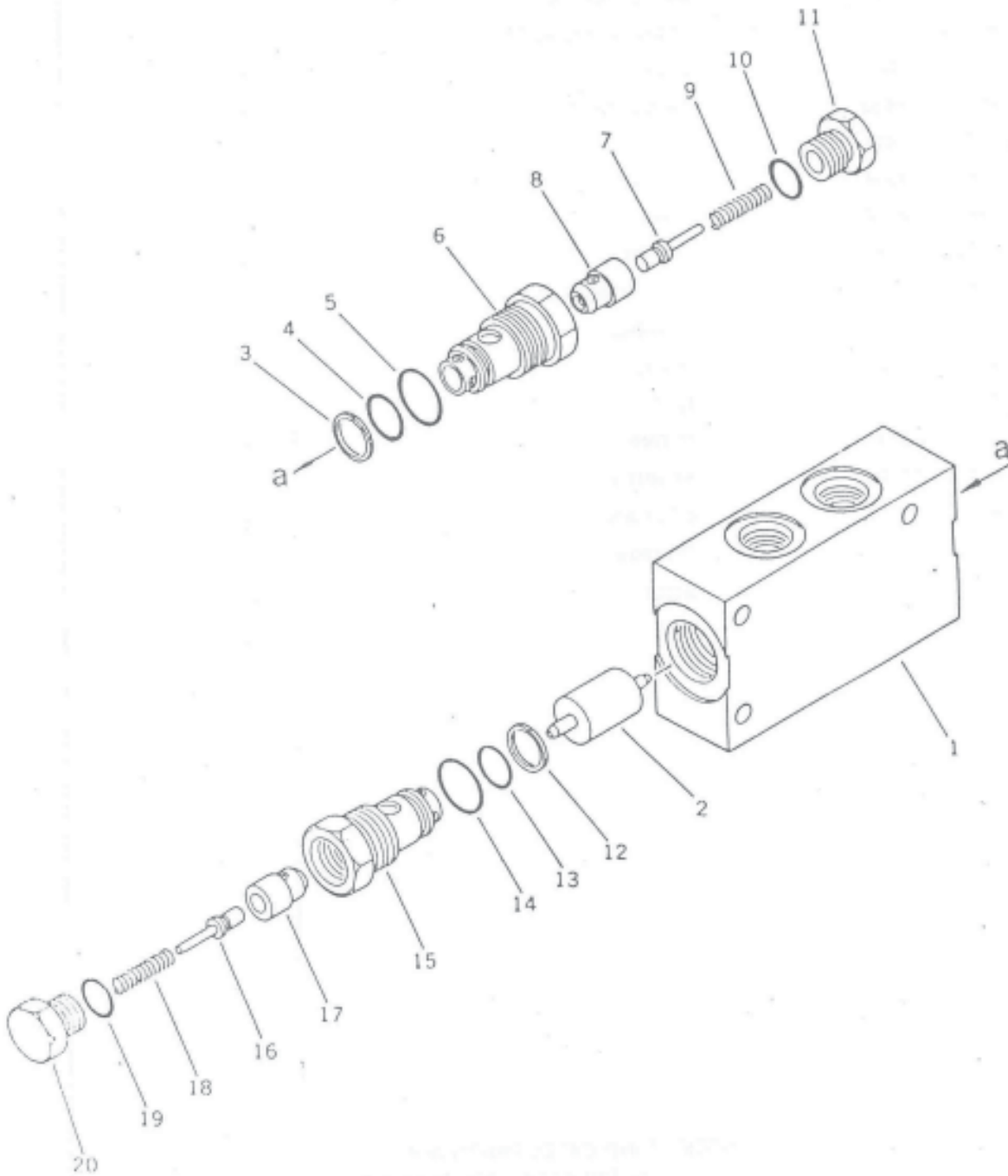


**PILOT CHECK VALVE (BLADE LIFT R.H) (REX ROTH)
(SCARIFIER) (OPTIONAL)**

FIG NO.

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-HS-02646	PILOT CHECK VALVE ASSY.	1	**
02	451-HS-12585	LOAD HOLDING BLOCK ASSLY.	1	
03	451-HS-12593	PILOT OPE. CHECK VALVE	1	
04	451-HS-12609	ORIFICE	1	
	451-HS-12617	ORIFICE 2mm	1	
** MARKED ITEM WILL REPLACES KOMATSU P.C. VALVE ASSY.				

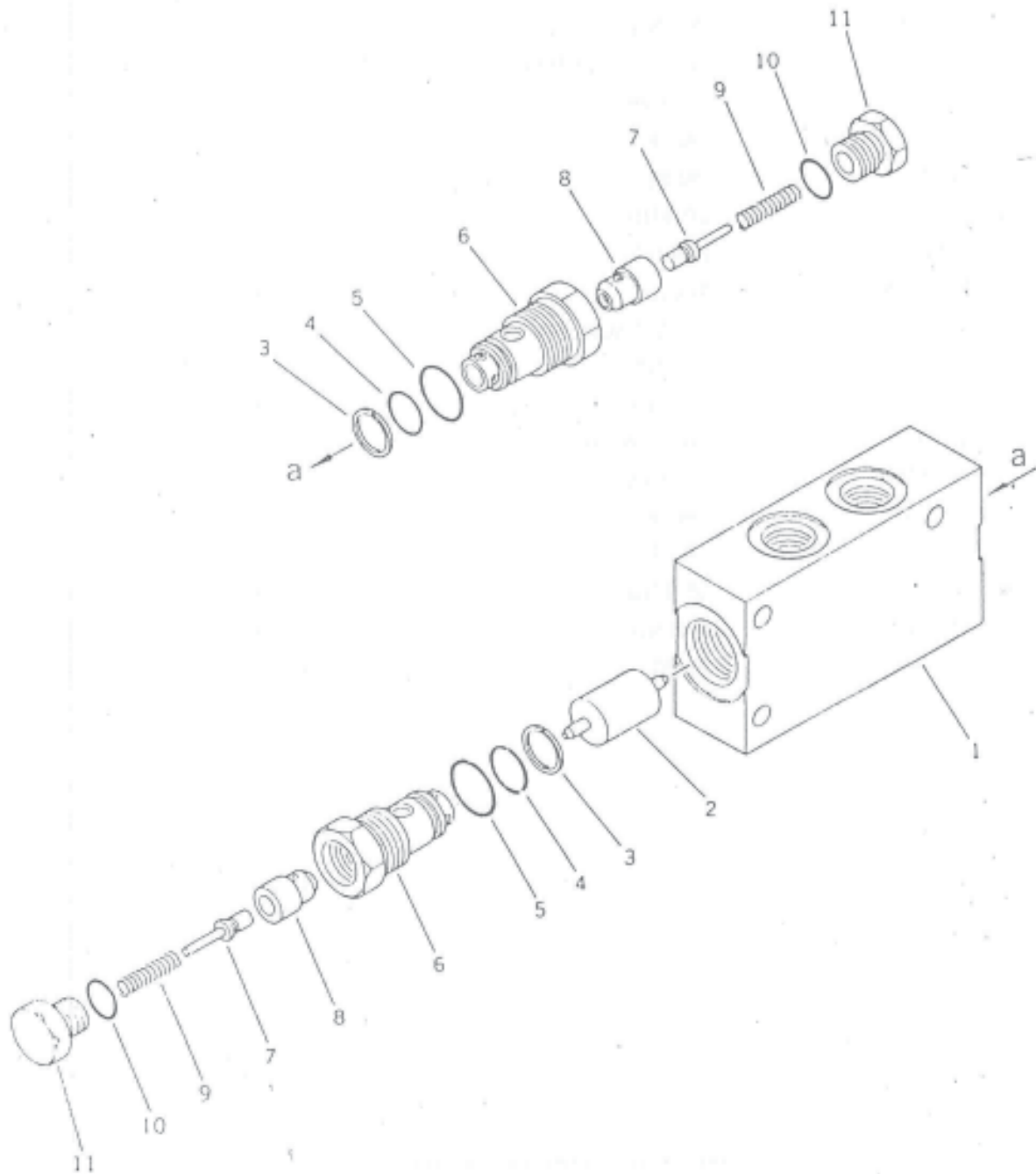
FIG NO.109 PILOT CHECK VALVE (FOR DRAWBAR SHIFT) 451-CV-01065



PILOT CHECK VALVE (FOR DRAWBAR SHIFT) 451-CV-01065**FIG NO109**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-CV-01065	PILOT CHECK VALVE	1	
01	451-CV-41533	BODY	1	
02	451-CV-11547	PISTON	1	
03	CHS02-02020	RING, BACKUP	1	
04	CHS01-02020	O RING	1	
05	CHS03-03034	O RING	1	
	451-ZZ-11194	MAIN VALVE ASSY.(* MARKED ITEMS)	1	
06	451-CV-11555 *	SLEEVE	1	
07	451-CV-11563 *	VALVE	1	
08	451-CV-11571 *	VALVE	1	
09	451-CV-11588	SPRING	1	
10	CHS03-02034	O RING	1	
11	451-CV-11628	PLUG	1	
12	CHS02-02020	RING, BACKUP	1	
13	CHS01-02020	O RING	1	
14	CHS03-03034	O RING	1	
	451-ZZ-11201	MAIN VALVE ASSY(** MARKED ITEMS)	1	
15	451-CV-11555 **	SLEEVE	1	
16	451-CV-11596 **	VALVE	1	
17	451-CV-11571 **	VALVE	1	
18	451-CV-11588	SPRING	1	
19	CHS03-02034	O RING	1	
20	451-CV-11628	PLUG	1	

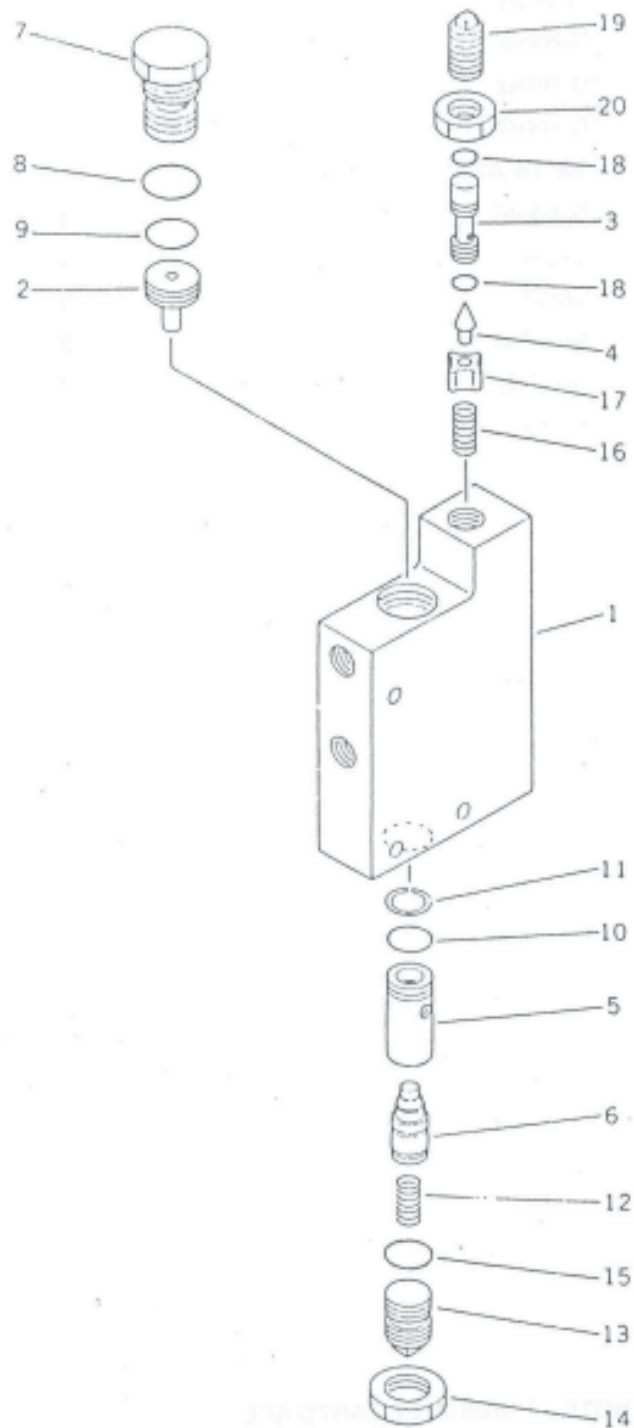
FIG NO.110 PILOT CHECK VALVE (FOR LEANING)



PILOT CHECK VALVE (FOR LEANING)451-CV-01073**FIG NO110**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-CV-01073	PILOT CHECK VALVE	1	
01	451-CV-41533	BODY	1	
02	451-CV-11547	PISTON	1	
03	CHS02-02020	O RING	2	
04	CHS01-12020	O RING	2	
05	CHS03-03034	O RING	2	
	451-ZZ-11218	VALVE ASSY (* MARKED ITEMS)	1	
06	451-CV-11555 *	SLEEVE	1	
07	451-CV-11596 *	VALVE	1	
08	451-CV-11571 *	VALVE	1	
09	451-CV-11588	SPRING	2	
10	CHS03-12034	O RING	2	
11	451-CV-11628	PLUG	2	

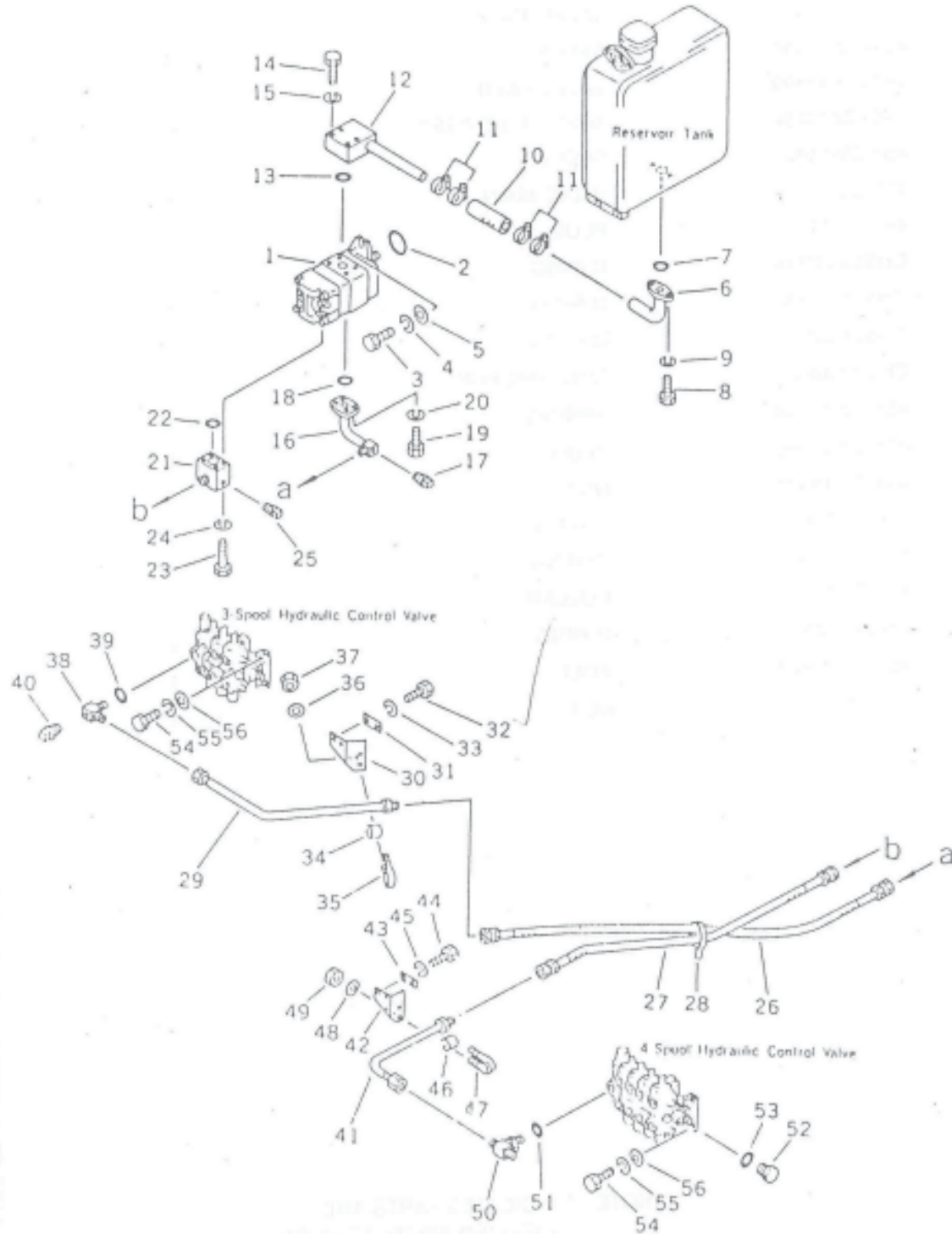
FIG NO.111 PILOT CHECK VALVE (FOR RIPPER) (OPTIONAL)



PILOT CHECK VALVE (FOR RIPPER)(OPTIONAL)451-CV-01081
FIG NO.111

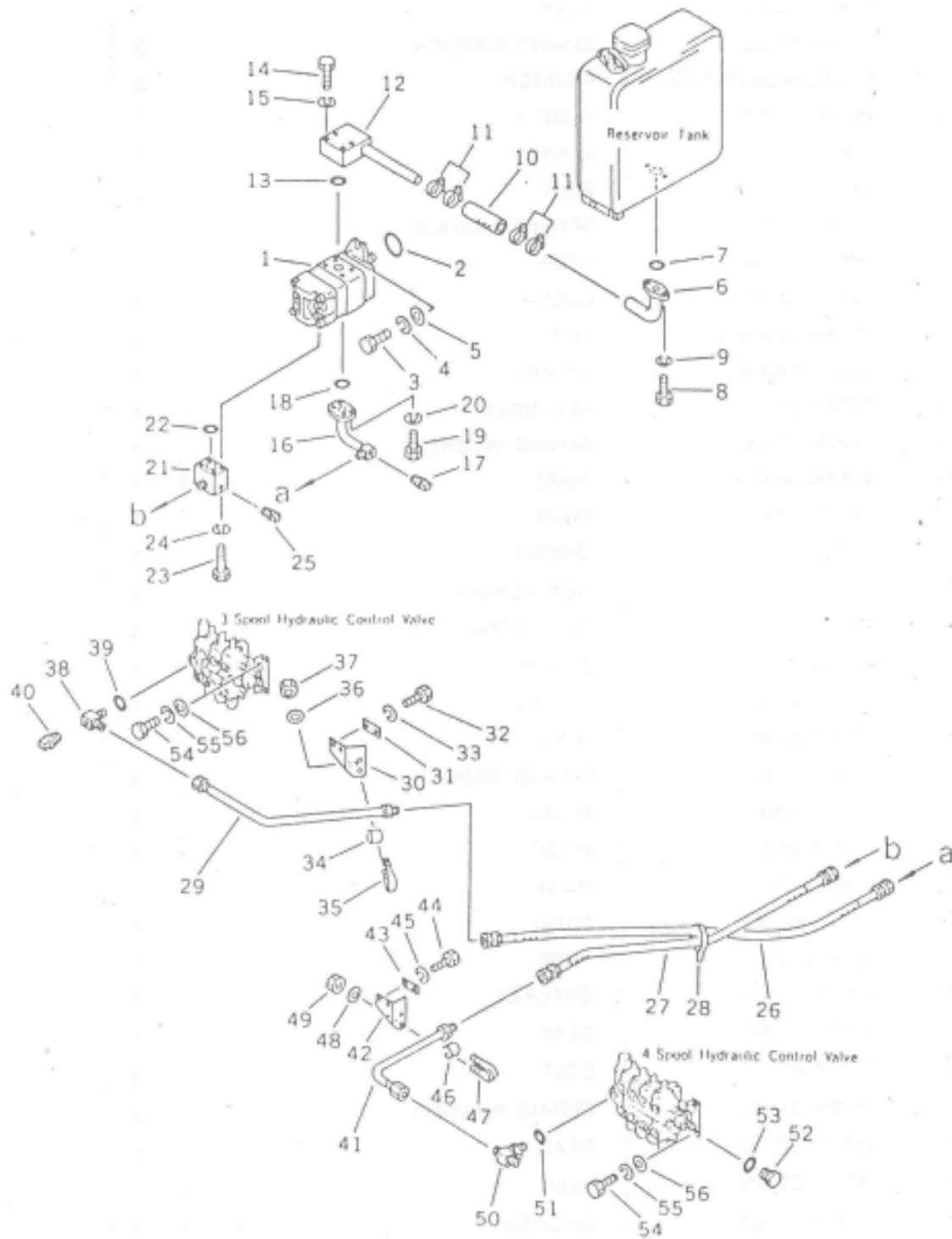
SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-CV-01081	PILOT CHECK VALVE	1	
	451-ZZ-11226	MAIN VALVE ASSY.	1	
01	451-CV-41639 *	BODY, VALVE	1	
02	451-CV-11417 *	VALVE, PILOT	1	
03	451-CV-11644 *	SPOOL	1	
04	451-CV-11499 *	VALVE PILOT	1	
	451-ZZ-11234	MAIN VALVE ASSY.(** MARKED ITEMS)	1	
05	451-CV-11425 **	SLEEVE	1	
06	451-CV-11652 **	VALVE MAIN	1	
07	451-CV-11441	PLUG	1	
08	CHS03-03334	O RING	1	
09	CHS01-03022	O RING	1	
10	CHS01-02021	O RING	1	
11	CHS02-02021	RING, BACKUP	1	
12	451-CV-11458	SPRING	1	
13	451-CV-11466	PLUG	1	
14	451-CV-11474	NUT	1	
15	CHS03-03034	O RING	1	
16	451-CV-11506	SPRING	1	
17	451-CV-11514	COLLAR	1	
18	CHS01-02012	O RING	2	
19	451-CV-11522	BOLT	1	
20	CFN01-12012	NUT	1	

FIG NO.112 LOW PRESSURE PIPING(1/3) FOR KOMATSU VALVE



SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-HM-01025	HYD. PUMP ASSY.	1	
02	CHS01-02085	O-RING	1	
03	CFS01-21035	BOLT	2	
04	CFW01-11030	SPRING WASHER	2	
05	CFW05-24060	WASHER	2	
06	451-HS-02451	TUBE	1	
07	CHS01-03035	O-RING	1	
08	CFS01-21025	BOLT	2	
09	CFW01-11030	SPRING WASHER	2	
10	THH01-23214	HOSE	1	
11	CCC01-14513	CLAMP	4	
12	451-HS-02468	TUBE	1	
13	CHS01-03068	O-RING	1	
14	CFB01-21270	HEX.BOLT	4	
15	CFW01-11236	SPRING WASHER	4	
16	451-HS-02476	TUBE	1	
17	CPL01-10810	PLUG	1	
18	CHS01-03025	O-RING	1	
19	CFS01-20830	HEX.SCREW	4	
20	CFW01-10825	SPRING WASHER	4	
21	451-HS-02484	BLOCK	1	
22	CHS01-03025	O-RING	1	
23	CFS01-20880	BOLT	4	
24	CFW01-20825	SPRING WASHER	4	
25	CPL01-10810	PLUG	1	
26	CHH06-21012	HOSE	1	
27	CHH06-21010	HOSE	1	
28	CCC10-00519	BAND	1	
29	451-HS-02492	TUBE	1	
30	451-HS-12009	BRACKET	1	
31	451-HS-62027	SEAT	1	
32	CFS01-21020	BOLT	2	
33	CFW01-11030	SPRING WASHER	2	
34	451-HS-62035	SEAT	1	
35	CCC07-22236	CLIP	1	
36	CFW05-24060	WASHER	2	
37	CFN28-11011	NUT	2	

FIG NO. 112 LOW PRESSURE PIPING(1/3) FOR KOMATSU VALVE

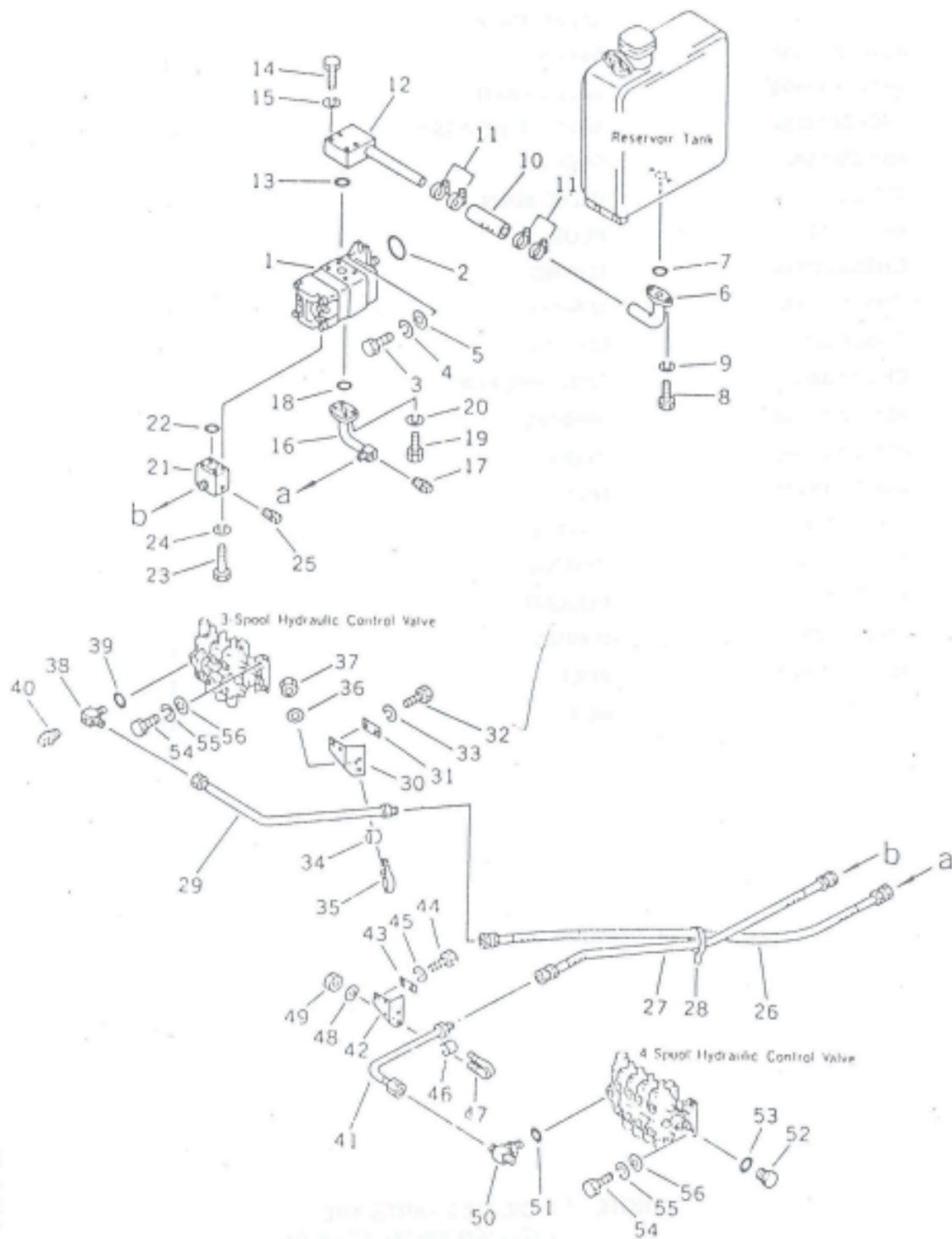


LOW PRESSURE PIPING(1/3) (451-HS-01033)KOMATSU VALVE

FIG NO.112

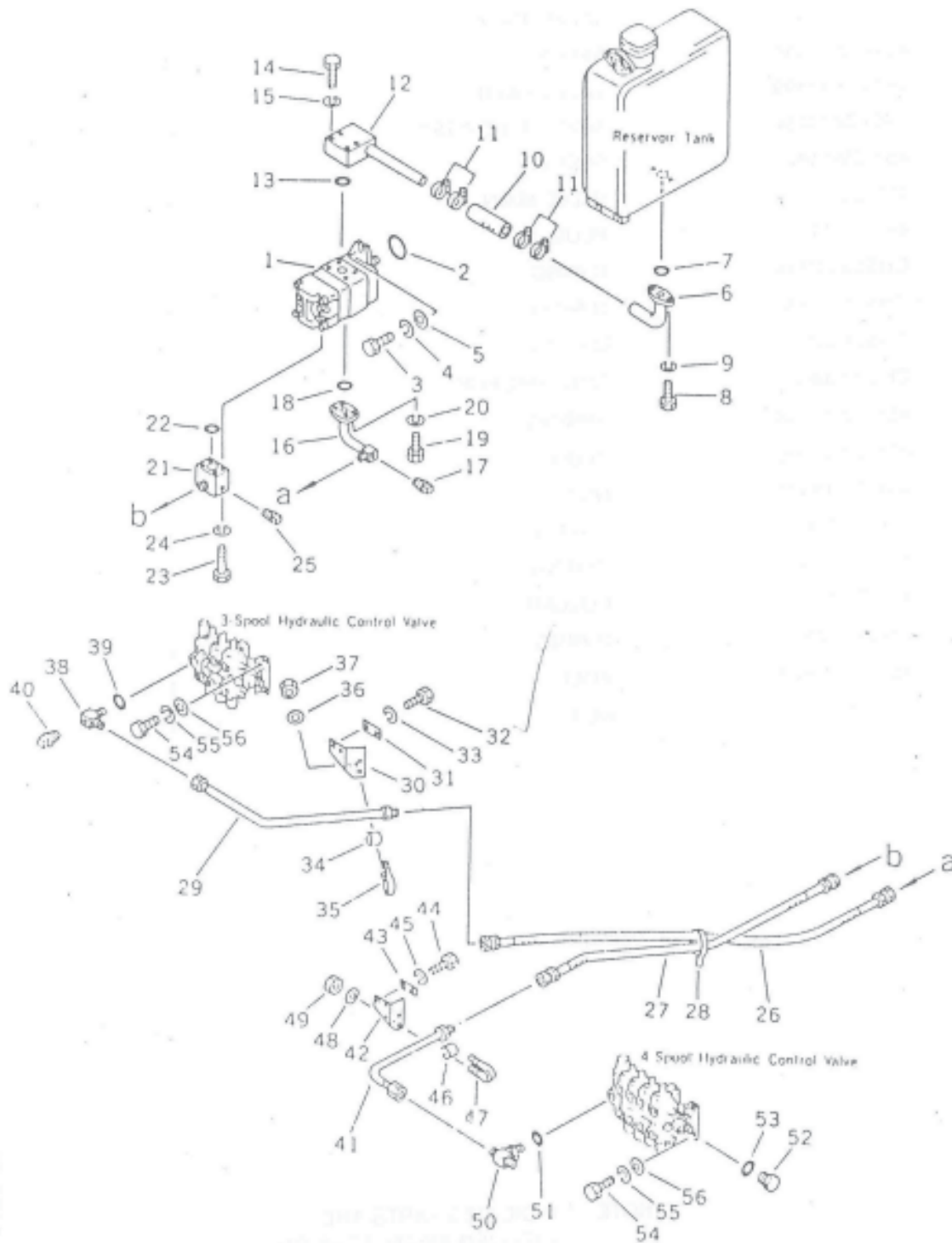
SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
38	CPF17-10422	ELBOW	1	
39	CHS03-02434	O-RING	1	
40	CPL01-10810	PLUG	1	
41	451-HS-02508	TUBE	1	
42	451-HS-12017	BRACKET	1	
43	451-HS-62027	SEAT	1	
44	CFS01-21020	BOLT	2	
45	CFW01-11030	SPRING WASHER	2	
46	451-HS-62035	SEAT	1	
47	CCC07-22236	CLIP	1	
48	CFW05-24060	WASHER	2	
49	CFN28-11011	NUT	2	
50	451-HS-02565	TEE	1	
51	CHS03-02434	O-RING	1	
52	451-HS-12066	PLUG	1	
53	CHS03-02434	O-RING	1	
54	CFS01-20816	BOLT	6	
55	CFW01-10825	SPRING WASHER	6	
56	CFW05-08023	WASHER	12	

FIG NO. 112 A LOW PRESSURE PIPING (1/3) FOR HUSCO VALVE



SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-HM-01025	HYD. PUMP ASSY.	1	
02	CHS01-02085	O-RING	1	
03	CFS01-21035	BOLT	2	
04	CFW01-11030	SPRING WASHER	2	
05	CFW05-24060	WASHER	2	
06	451-HS-02451	TUBE	1	
07	CHS01-03035	O-RING	1	
08	CFS01-21025	BOLT	2	
09	CFW01-11030	SPRING WASHER	2	
10	THH01-23214	HOSE	1	
11	CCC01-14513	CLAMP	4	
12	451-HS-02468	TUBE	1	
13	CHS01-03068	O-RING	1	
14	CFB01-21270	HEX.BOLT	4	
15	CFW01-11236	SPRING WASHER	4	
16	451-HS-02476	TUBE	1	
17	CPL01-10810	PLUG	1	
18	CHS01-03025	O-RING	1	
19	CFS01-20830	HEX.SCREW	4	
20	CFW01-10825	SPRING WASHER	4	
21	451-HS-02484	BLOCK	1	
22	CHS01-03025	O-RING	1	
23	CFS01-20880	BOLT	4	
24	CFW01-20825	SPRING WASHER	4	
25	CPL01-10810	PLUG	1	
26	CHH06-21012	HOSE	1	
27	CHH06-21010	HOSE	1	
28	CCC10-00519	BAND	1	
29	775-HS-02022	TUBE	1	
30	451-HS-12009	BRACKET	1	
31	451-HS-62027	SEAT	1	
32	CFS01-21020	BOLT	2	
33	CFW01-11030	SPRING WASHER	2	
34	451-HS-62035	SEAT	1	
35	CCC07-22236	CLIP	1	
36	CFW05-24060	WASHER	2	

FIG NO. 112A LOW PRESSURE PIPING (1/3) FOR HUSCO VALVE

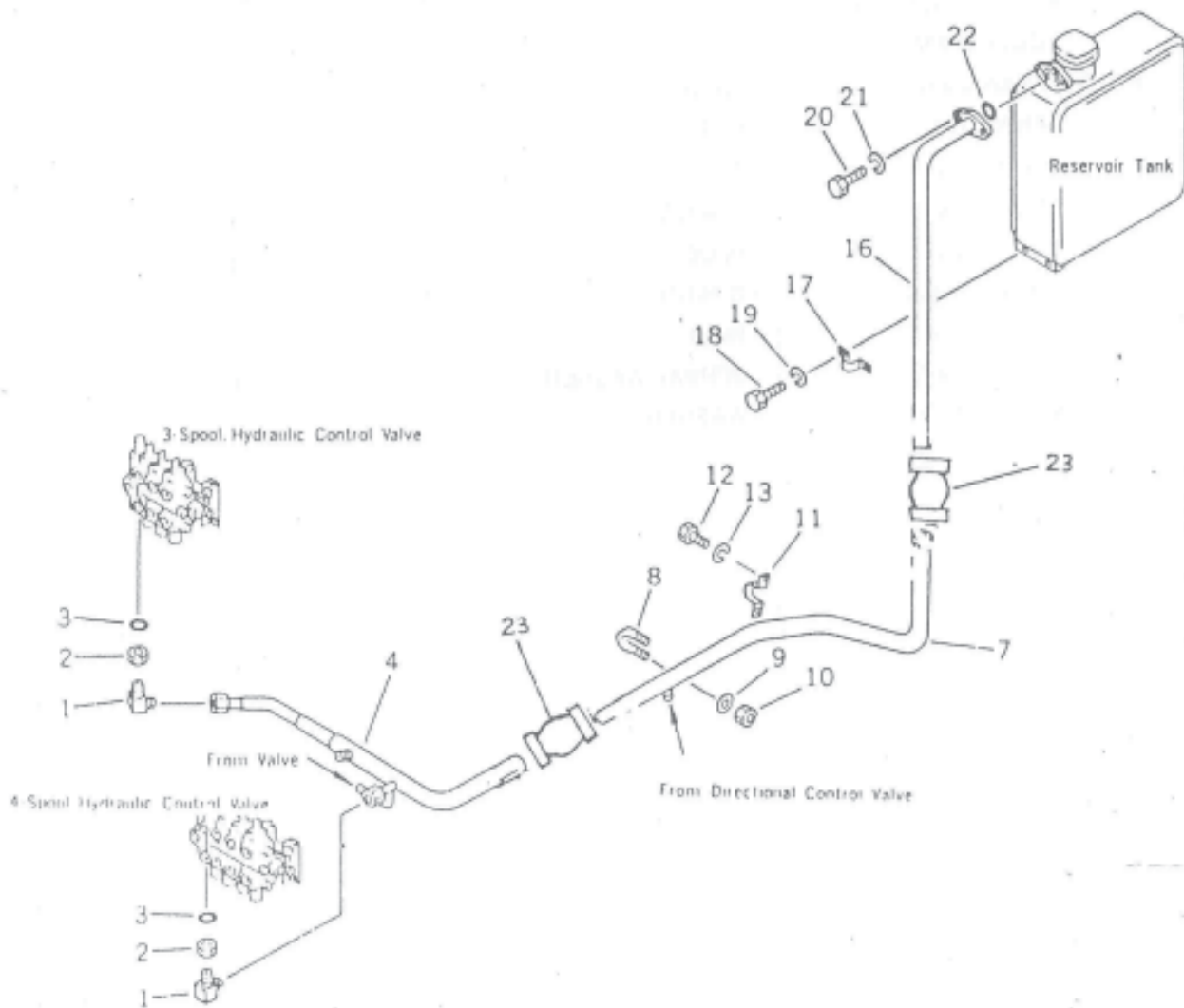


LOW PRESSURE PIPING (1/3) FOR HUSCO VALVE

FIG NO. 112A

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
37	CFN28-11011	NUT	2	
38	775-HS-02469	ELBOW	1	
39	CHS03-02034	O-RING	1	
40	CPL01-10810	PLUG	1	
41	775-HS-02447	PIN ASSY	1	
42	451-HS-12017	BRACKET	1	
43	451-HS-62027	SEAT	1	
44	CFS01-21020	BOLT	2	
45	CFW01-11030	SPRING WASHER	2	
46	451-HS-62035	SEAT	1	
47	CCC07-22236	CLIP	1	
48	CFW05-24060	WASHER	2	
49	CFN28-11011	NUT	2	
50	775-HS-02541	TEE	1	
51	451-HS-02557	ELBOW	1	
52	775-HS-10066	PLUG	1	
53	CHS03-02034	O-RING	1	
54	CFS13-21025	ALLEN SCREW	6	
55	CFW02-11020	PLAIN WASHER	6	
56	CFW01-11030	SPRING WASHER	6	

FIG NO. 113 LOW PRESSURE PIPING (2/3)

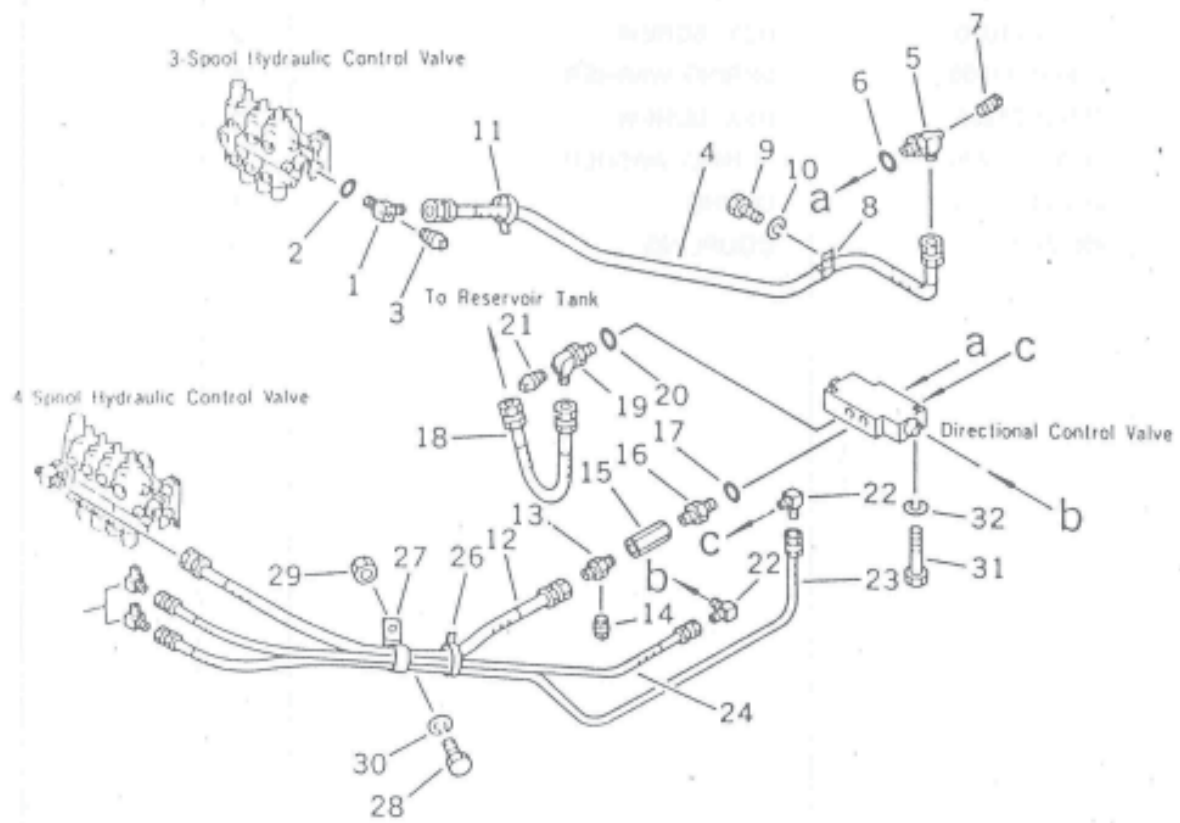


LOW PRESSURE PIPING (2/3)

FIG NO.113

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	775-HS-02266 #	ELBOW	2	
01	451-HS-02549 @	ELBOW	2	
02	451-HS-11167	NUT	2	
03	CHS03-02034	O-RING	2	
04	451-HS-02516	TUBE	1	
07	451-HS-02524	TUBE	1	
08	CCC07-24346	CLIP	1	
09	CFW05-24060	WASHER	2	
10	CFN28-11011	NUT	2	
11	CCC02-24079	CLAMP	1	
12	CFS01-21020	HEX.SCREW	2	
13	CFW01-11030	SPRING WASHER	2	
16	451-HS-02532	TUBE	1	
17	CCC02-24079	CLAMP	1	
18	CFS01-21020	HEX.SCREW	2	
19	CFW01-11030	SPRING WASHER	2	
20	CFS01-21225	HEX.SCREW	2	
21	CFW01-11236	SPRING WASHER	2	
22	CHS01-03045	O-RING	1	
23	985-ZZ-11388	COUPLING	2	
# MARKED ITEM REQUIRED FOR HUSCO VALVE ONLY @ MARKED ITEM REQUIRED FOR KOMATSU VALVE ONLY				

FIG NO.114 LOW PRESSURE PIPING(3/3)



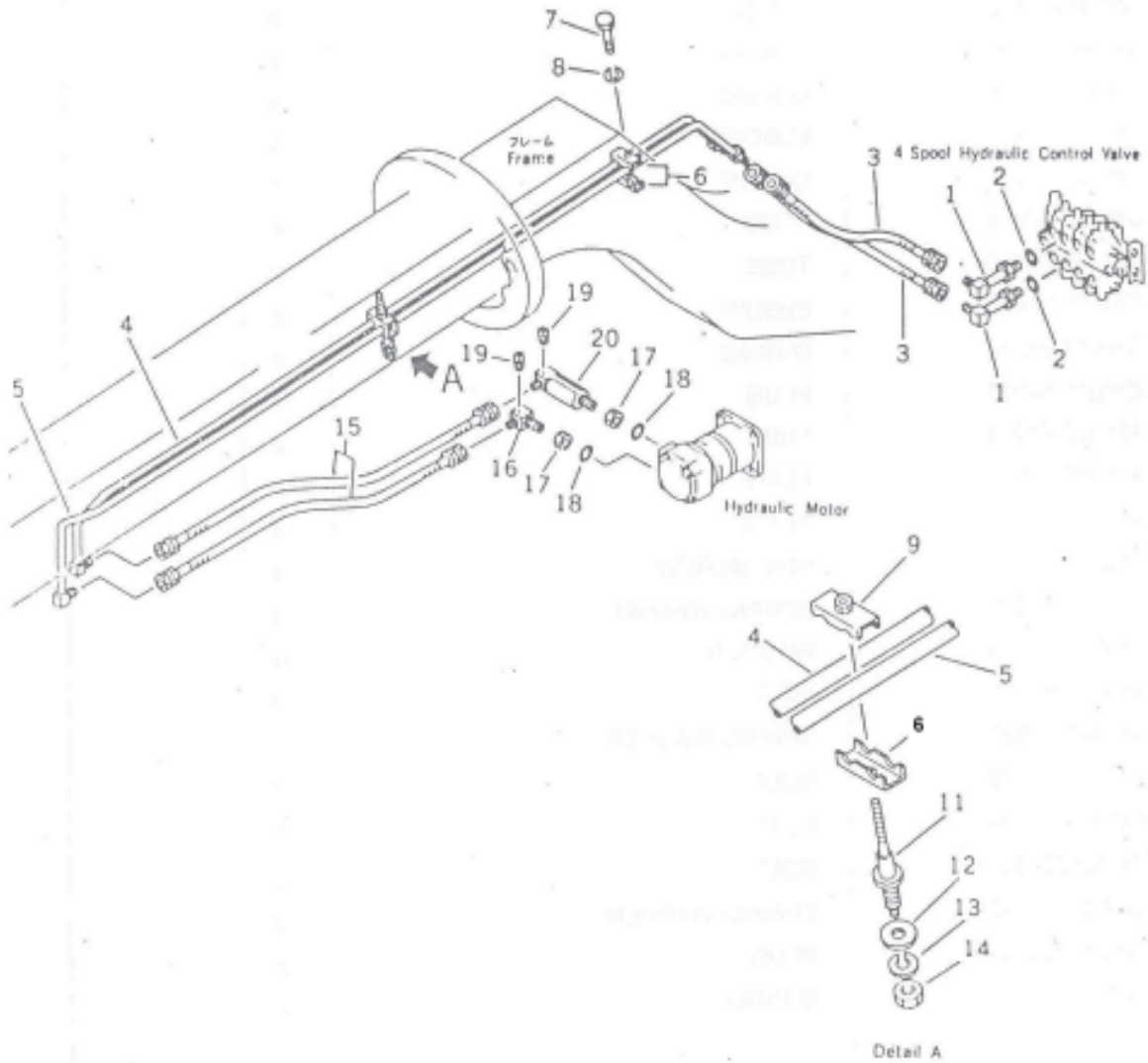
LOW PRESSURE PIPING (3/3)

FIG NO.114

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-HS-02557	ELBOW	1	
02	CHS03-02034	O-RING	1	
03	CPL01-10810	PLUG	1	
04	CHH06-21010	HOSE	1	
05	CPF17-10422	ELBOW	1	
06	CHS03-02434	O-RING	1	
07	CPL01-10810	PLUG	1	
08	CCC06-12514	CLIP	1	
09	CFS01-21020	HEX.SCREW	1	
10	CFW01-11030	SPRING WASHER	1	
11	CCC10-00823	BAND	1	
12	451-HS-62043	HOSE	1	
13	451-HS-12099	NIPPLE	1	
14	CPL01-10810	PLUG	1	
15	451-CV-11877	CHECK VALVE	1	
16	451-HS-12082	NIPPLE	1	
17	CHS03-02434	O-RING	1	
18	CHH22-21003	HOSE	1	
19	CPF17-10422	ELBOW	1	
20	CHS03-02434	O-RING	1	
21	CPL01-10810	PLUG	1	
22	451-HS-12074	ELBOW	6	
23	CHH06-20410	HOSE	1	
24	CHH06-20409	HOSE	1	
26	CCC10-00823	BAND	1	
27	451-HS-02573	CLIP	1	
28	CFS01-20820	SCREW	1	
29	CFN01-20868	NUT	1	
30	CFW01-10825	SPRING WASHER	1	
31	CFS01-21075	HEX.SCREW	2	
32	CFW01-11030	SPRING WASHER	2	
33	451-HS-12058	NIPPLE	1	NOT SHOWN
34	451-HS-12106	O RING	1	NOT SHOWN
35	CHS03-12434	O RING	1	NOT SHOWN

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-HS-02232	ELBOW	2	
02	451-HS-02249	TUBE	2	
03	CHS03-02034	O-RING	4	
05	CHH06-20819	HOSE	2	
06	CHH06-20820	HOSE	2	
07	CPF18-10422	ELBOW	2	
08	451-HS-02013	ELBOW	2	
09	CHS03-02034	O-RING	4	
10	CPF18-10422	ELBOW	4	
11	CHS03-02034	O RING	4	
12	CHH06-20810	HOSE	4	
13	451-HS-02095	TUBE	2	
14	CPF17-10422	ELBOW	4	
15	CHS03-02034	O RING	4	
16	CPL01-10810	PLUG	4	
17	451-HS-02224	TUBE	2	
18	451-HS-11061	PLATE	2	
19	451-HS-11045	PLATE	4	
20	CFS01-21020	HEX. SCREW	4	
21	CFW01-11030	SPRING WASHER	4	
22	CFW05-24060	WASHER	4	
23	CFS01-20865	BOLT	3	
24	CFW01-10825	SPRING WASHER	6	
25	451-HS-11078	BOLT	3	
26	451-HS-11086	CLIP	4	
27	CFS01-21050	BOLT	2	
28	CFW01-11030	SPRING WASHER	2	
29	CPL06-12012	PLUG	2	
30	CHS03-02034	O RING	2	

FIG NO. 116 CIRCLE REVOLUTION PIPING

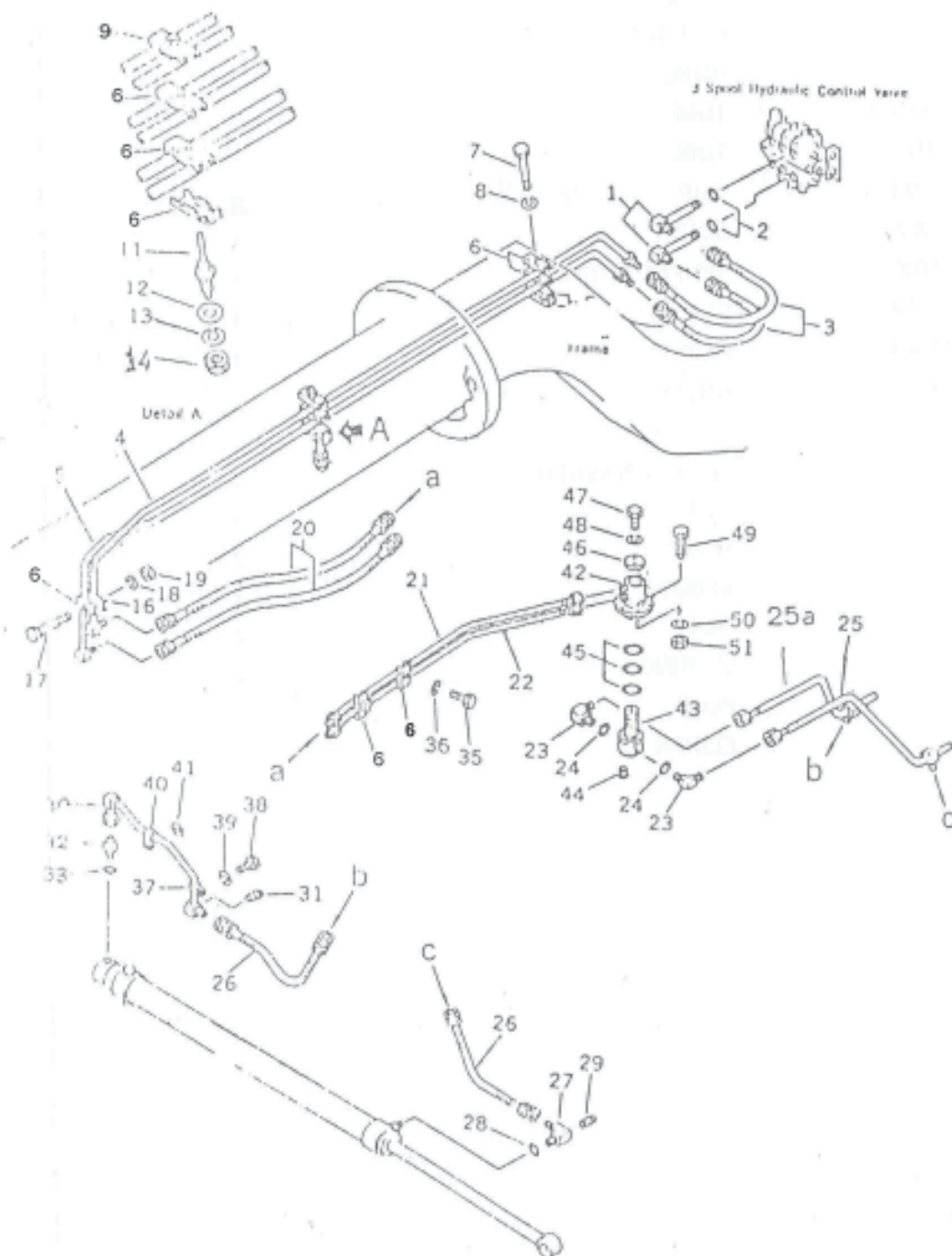


CIRCLE REVOLUTION PIPING

FIG NO. 116

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-HS-02021	ELBOW	2	
02	CHS03-02034	O-RING	2	
03	CHH06-20807	HOSE	2	
04	451-HS-02062	TUBE	1	
05	451-HS-02127	TUBE	1	
06	451-HS-11029	CLIP	2	
07	CFS01-21060	BOLT	1	
08	CFW01-11030	SPRING WASHER	1	
09	451-HS-02192	CLIP	1	
10				
11	451-HS-02079	BOLT	1	
12	451-HS-11037	WASHER	1	
13	CFW01-11648	SPRING WASHER	1	
14	CFN01-21615	NUT	1	
15	451-HS-11612	HOSE	2	
16	451-HS-11645	ELBOW	1	
17	451-HS-11653	NUT	2	
18	CHS01-02018	O-RING	2	
19	CPL01-10810	PLUG	2	
20	451-HS-11637	ELBOW	1	

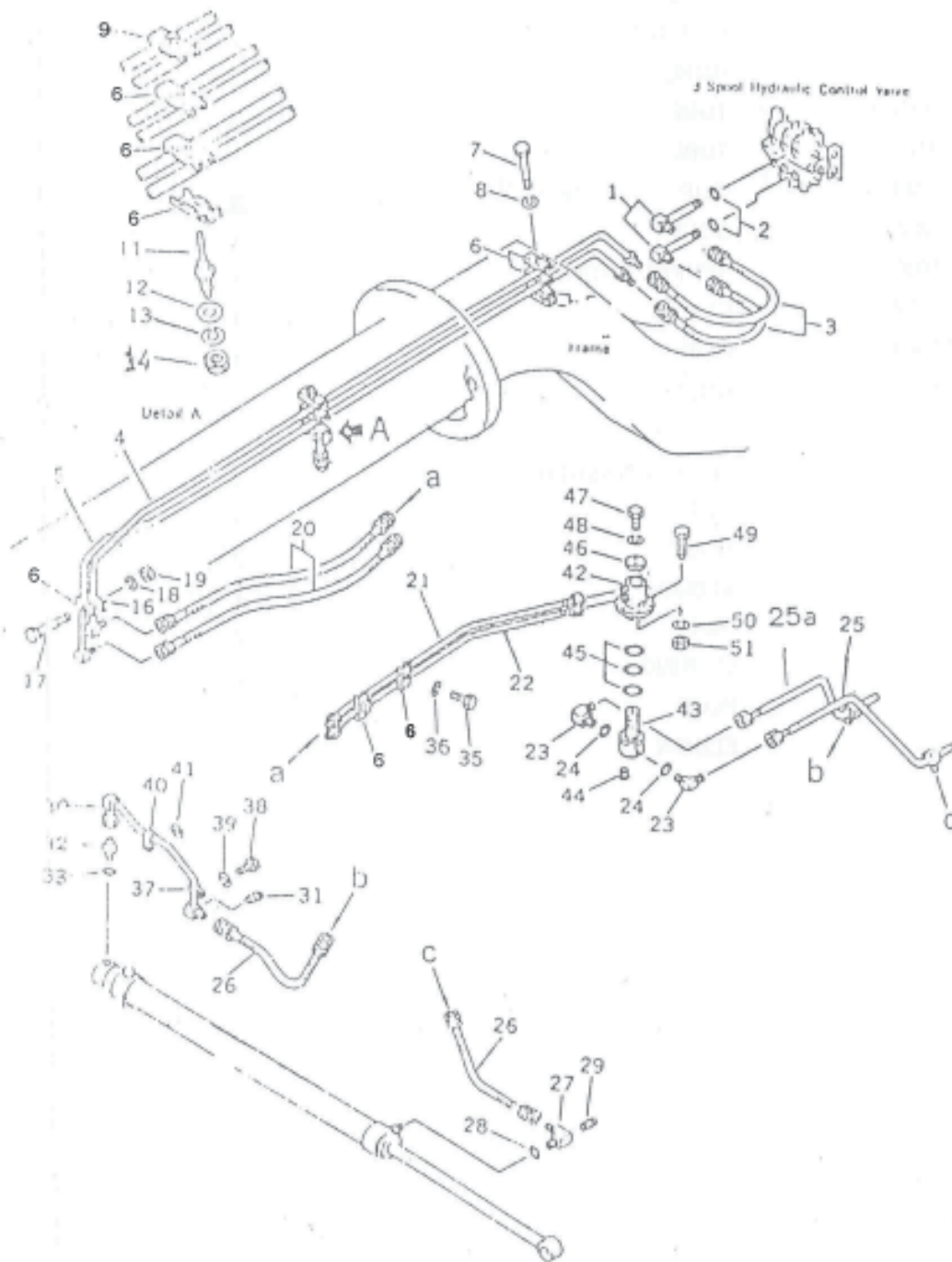
FIG NO.117 BLADE SIDE SHIFT PIPING



BLADE SIDE SHIFT PIPING
FIG NO.117

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-HS-02013	ELBOW	2	
02	CHS03-02034	O-RING	2	
03	CHH06-20807	HOSE	2	
04	451-HS-02054	TUBE	1	
05	451-HS-02062	TUBE	1	
06	451-HS-11029	CLIP	10	
07	CFB02-21000	BOLT	1	
08	CFW01-11030	SPRING WASHER	1	
09	451-HS-02192	CLIP	1	
10				
11	451-HS-02079	BOLT	1	
12	451-HS-11037	WASHER	1	
13	CFW01-11648	WASHER SPRING	1	
14	CFNO1-21615	NUT	1	
15				
16	451-HS-02208	CLIP	1	
17	CFS01-21090	BOLT	1	
18	CFW01-11030	SPRING WASHER	1	
19	CFN01-21084	NUT	1	
20	451-HS-11604	HOSE	2	
21	451-HS-02321	TUBE	1	
22	451-HS-02338	TUBE	1	
23	CPF18-10422	ELBOW	2	
24	CHS03-02034	O-RING	2	
25	451-HS-02354	TUBE	1	
25A	451-HS-02362	TUBE	1	
26	CHH06-20806	HOSE	2	
27	CPF17-10422	ELBOW	1	
28	CHS03-02034	O-RING	1	
29	CPL01-10810	PLUG	1	
30	451-HS-02346	TUBE	1	
31	CPL01-10810	PLUG	1	
32	CPF15-10422	NIPPLE	1	
33	CHS03-02034	O-RING	1	

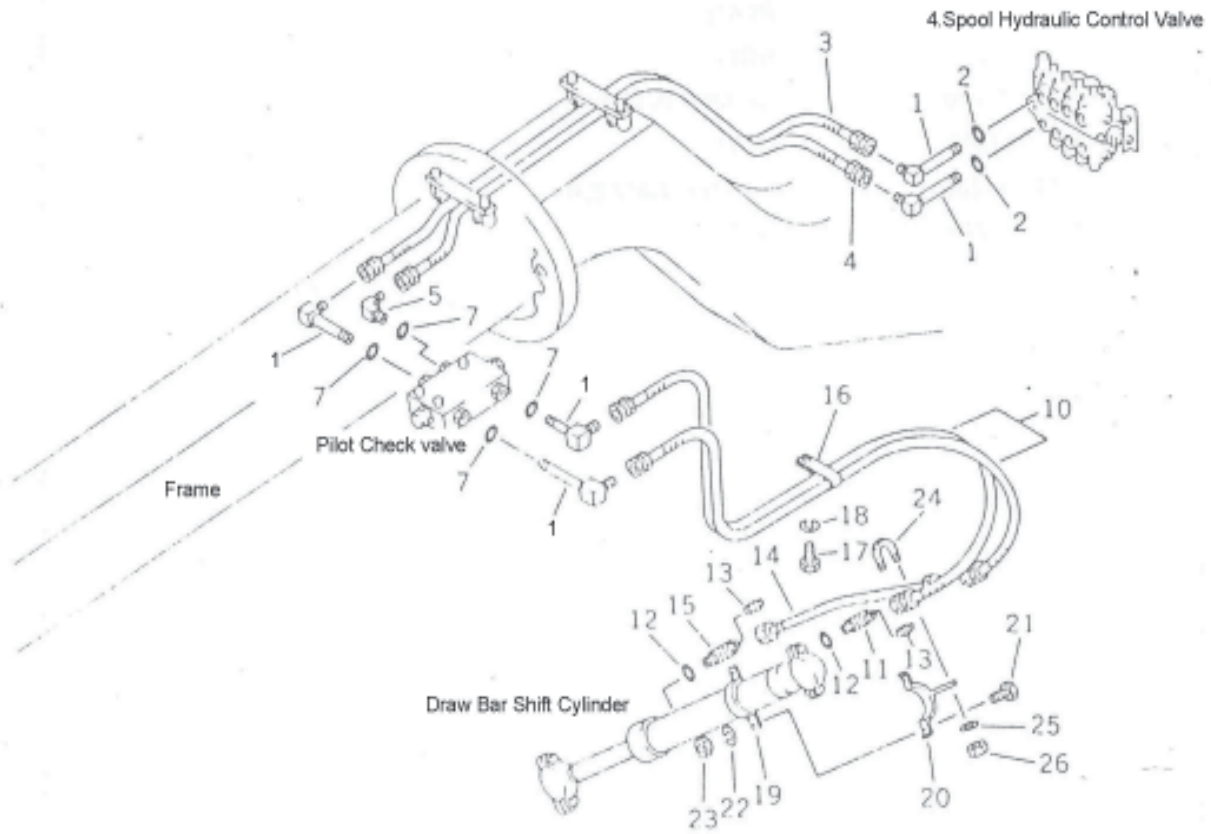
FIG NO.117 BLADE SIDE SHIFT PIPING



BLADE SIDE SHIFT PIPING**FIG NO.117**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
35	CFS01-21020	BOLT	2	
36	CFW01-11030	SPRING WASHER	2	
37	CCC13-01508	CLIP	1	
38	CFS01-20820	BOLT	1	
39	CFW01-10825	SPRING WASHER	1	
40	451-HS-11629	CLIP	1	
41	CFW05-12032	WASHER	1	
42	451-HS-02379	JOINT ASSY	1	
42A	451-HS-03083	BODY	1	
43	451-HS-11791	FLANGE	1	
44	CPL02-11113	PLUG	2	
45	CHS01-03050	O-RING	3	
46	451-HS-11807	PLATE	1	
47	CFS01-31225	BOLT	2	
48	CFW01-11236	SPRING WASHER	2	
49	CFB01-21245	BOLT	3	
50	CFW01-11236	SPRING WASHER	3	
51	CFN01-21210	NUT	3	

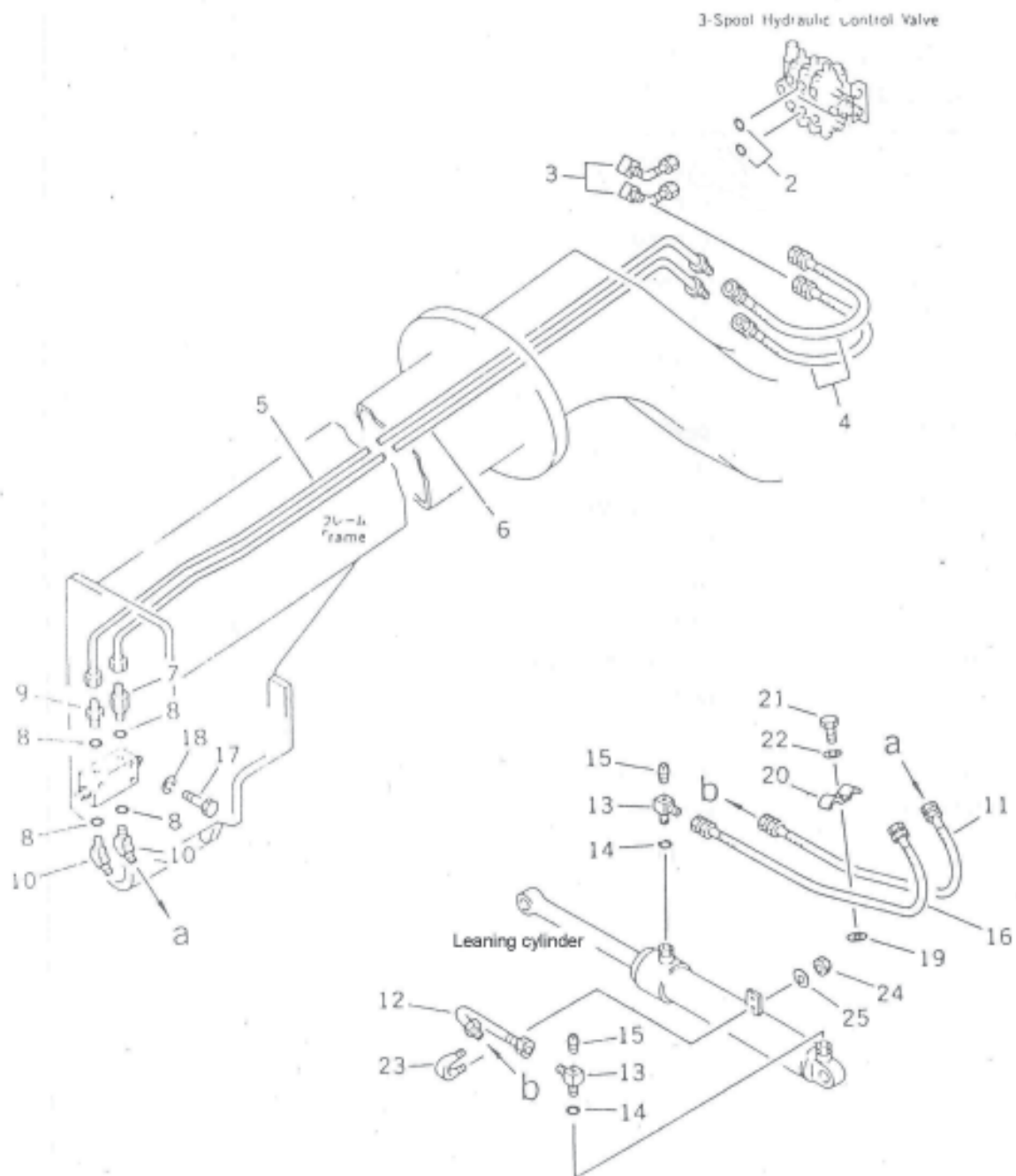
FIG NO.118 DRAW BAR SIDE SHIFT PIPING



DRAW BAR SIDE SHIFT PIPING**FIG NO. 118**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-HS-02013	ELBOW	5	
02	CHS03-02034	O RING	2	
03	CHH06-20819	HOSE	1	
04	CHH06-20820	HOSE	1	
05	CPF18-10422	ELBOW	1	
07	CHS03-02034	O RING	4	
10	CHH06-20816	HOSE	2	
11	451-HS-11053	ELBOW	1	
12	CHS03-02034	O-RING	2	
13	CPL01-10810	PLUG	2	
14	451-HS-02102	TUBE	1	
15	CPF17-10422	ELBOW	1	
16	451-HS-02419	CLIP	1	
17	CFS01-21225	BOLT	1	
18	CFW01-11236	SPRING WASHER	1	
19	451-HS-11094	BAND	1	
20	451-HS-02216	BAND	1	
21	CFS01-20825	HEX.SCREW	2	
22	CFW01-10825	SPRING WASHER	2	
23	CFN01-20868	NUT	2	
24	CCC07-21529	CLIP	1	
25	CFW05-08023	WASHER	2	
26	CFN24-10809	NUT	2	

FIG NO.119 LEANING PIPING

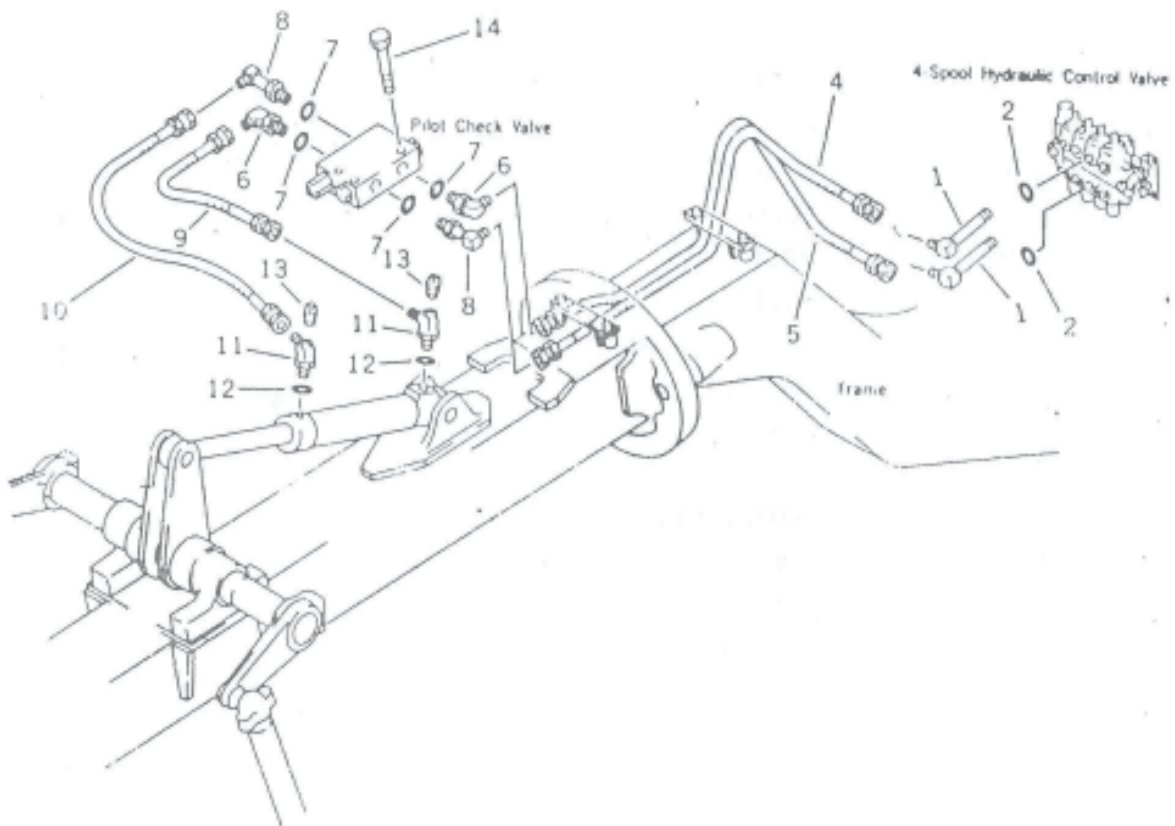


LEANING PIPING

FIG NO.119

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	CHS03-02034	O RING	2	
02	CHS03-02034	O RING	2	
03	451-HS-02021	ELBOW	2	
04	CHH06-20807	HOSE	2	
05	451-HS-02038	TUBE	1	
06	451-HS-02046	TUBE	1	
07	451-HS-11101	NIPPLE	1	
08	CHS03-02034	O RING	4	
09	CPF15-10422	NIPPLE	1	
10	CPF20-10422	ELBOW	2	
11	CHH06-00808	HOSE	1	
12	451-HS-02087	TUBE	1	
13	CPF17-10422	ELBOW	2	
14	CHS03-02034	O RING	2	
15	CPL01-10810	PLUG	2	
16	CHH06-00810	HOSE	1	
17	CFS01-20865	BOLT	3	
18	CFW01-10825	SPRING WASHER	3	
19	CFW02-10816	WASHER	3	
20	451-HS-02143	CLIP	1	
21	CFS01-20820	BOLT	1	
22	CFW01-10825	SPRING WASHER	1	
23	CCC07-21529	CLIP	1	
24	CFN24-10809	NUT	2	
25	CFW05-08023	WASHER	2	

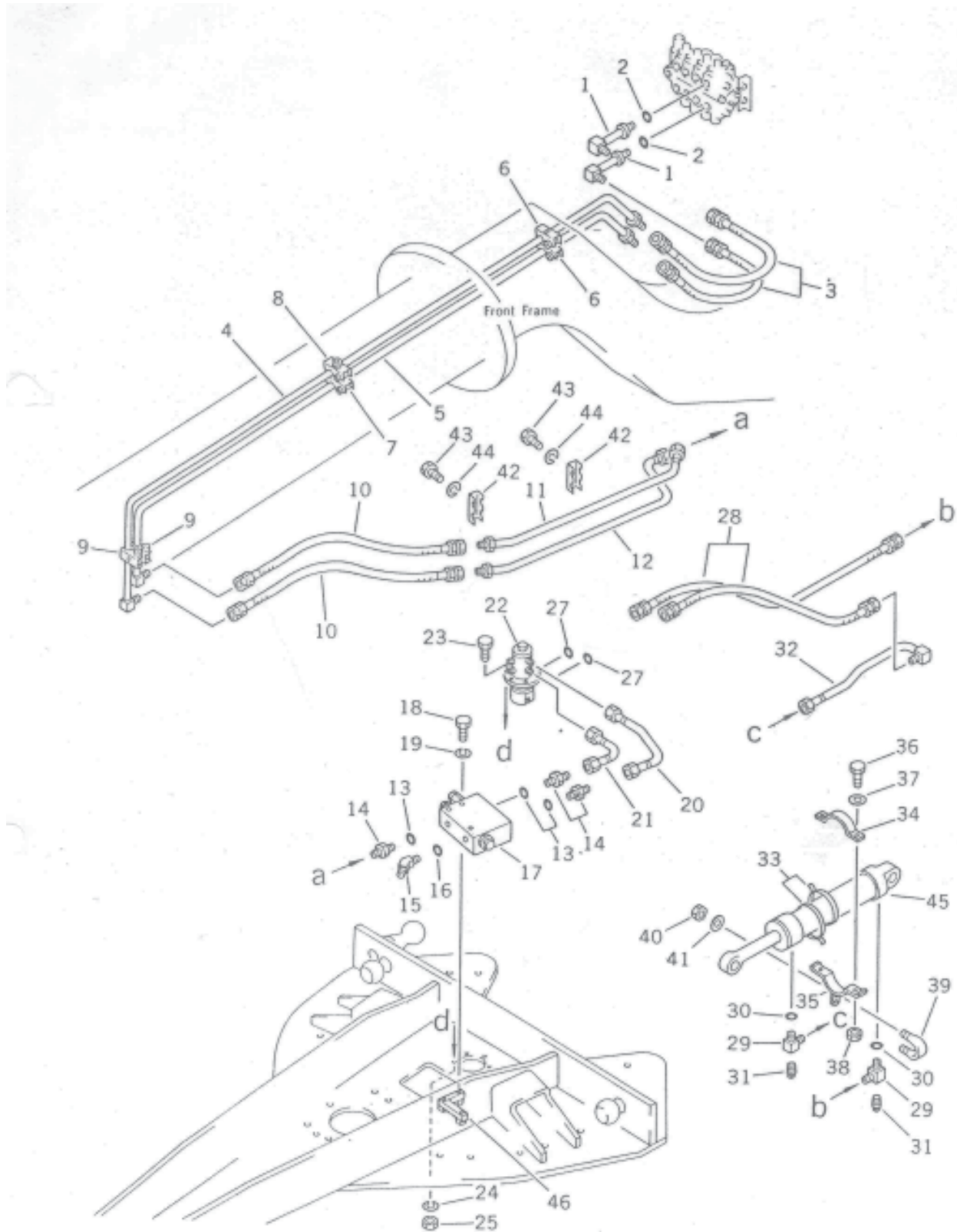
FIG NO. 120 SCARIFIER PIPING(OPTIONAL)



SCARIFIER PIPING(OPTIONAL) (451-HS-01025)**FIG NO.120**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-HS-02232	ELBOW	2	
02	CHS03-02034	O-RING	2	
04	CHH06-20819	HOSE	1	
05	CHH06-20819	HOSE	1	
06	CPF18-10422	ELBOW	3	
07	CHS03-02034	O-RING	4	
08	451-HS-02013	ELBOW	1	
09	CHH06-20805	HOSE	1	
10	CHH06-20810	HOSE	1	
11	CPF17-10422	ELBOW	2	
12	CHS03-02034	O-RING	2	
13	CPL01-10810	PLUG	2	
14	451-HS-11904	BOLT	3	

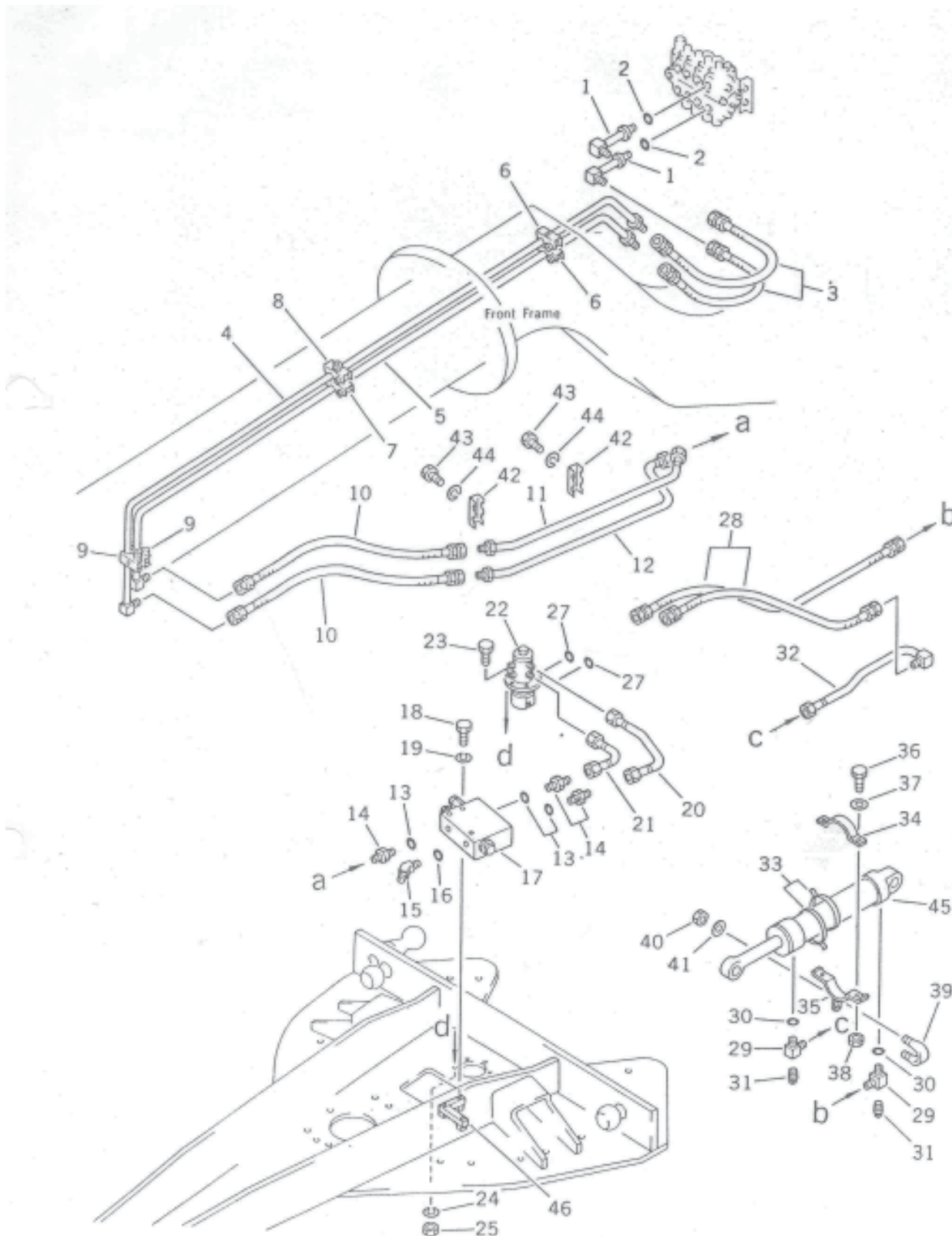
FIG NO.121 POWER TILT BLADE PIPING(OPTIONAL)



POWER TILT BLADE PIPING(OPTIONAL)**FIG NO.121**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-HS-02013	ELBOW	2	
02	CHS03-02034	O RING	2	
03	CHH06-00809	HOSE	2	
04	451-HC-02038	TUBE	1	
05	451-HC-02046	TUBE	1	
06	451-PA-11043	CLIP	5	
08	451-PA-11051	CLIP	1	
10	CHH06-20812	HOSE	2	
11	451-PA-02199	TUBE	1	
12	451-PA-02204	TUBE	1	
13	CHS03-02034	O RING	3	
14	CPF04-11522	ELBOW	3	
15	CPF24-10422	ELBOW	1	
16	CHS03-02034	O RING	1	
17	451-CV-02012	PILOT CHECK VALVE ASSY		
18	CFB01-20860	BOLT	3	
19	CFW01-10825	WASHER, SPRING	3	
20	451-PA-02229	TUBE	1	
21	451-PA-02212	TUBE	1	
22	451-PA-02245	JOINT ASSY.	1	
23	CFS01-21245	BOLT	3	
24	CFW01-11236	WASHER, SPRING	3	
25	CFN01-11210	NUT	3	
27	CHS03-02034	O RING	2	
28	CHH06-20810	HOSE	2	
29	CPF23-10422	ELBOW	2	
30	CHS03-02034	O RING	2	
31	CPL01-10810	PLUG	2	
32	451-HS-02237	TUBE	1	
33	CCC10-00536	BAND	2	
34	451-HS-11094	BAND	1	
35	451-PA-11068	BAND	1	
36	CFS01-20825	BOLT	2	
37	CFW01-10825	WASHER, SPRING	2	

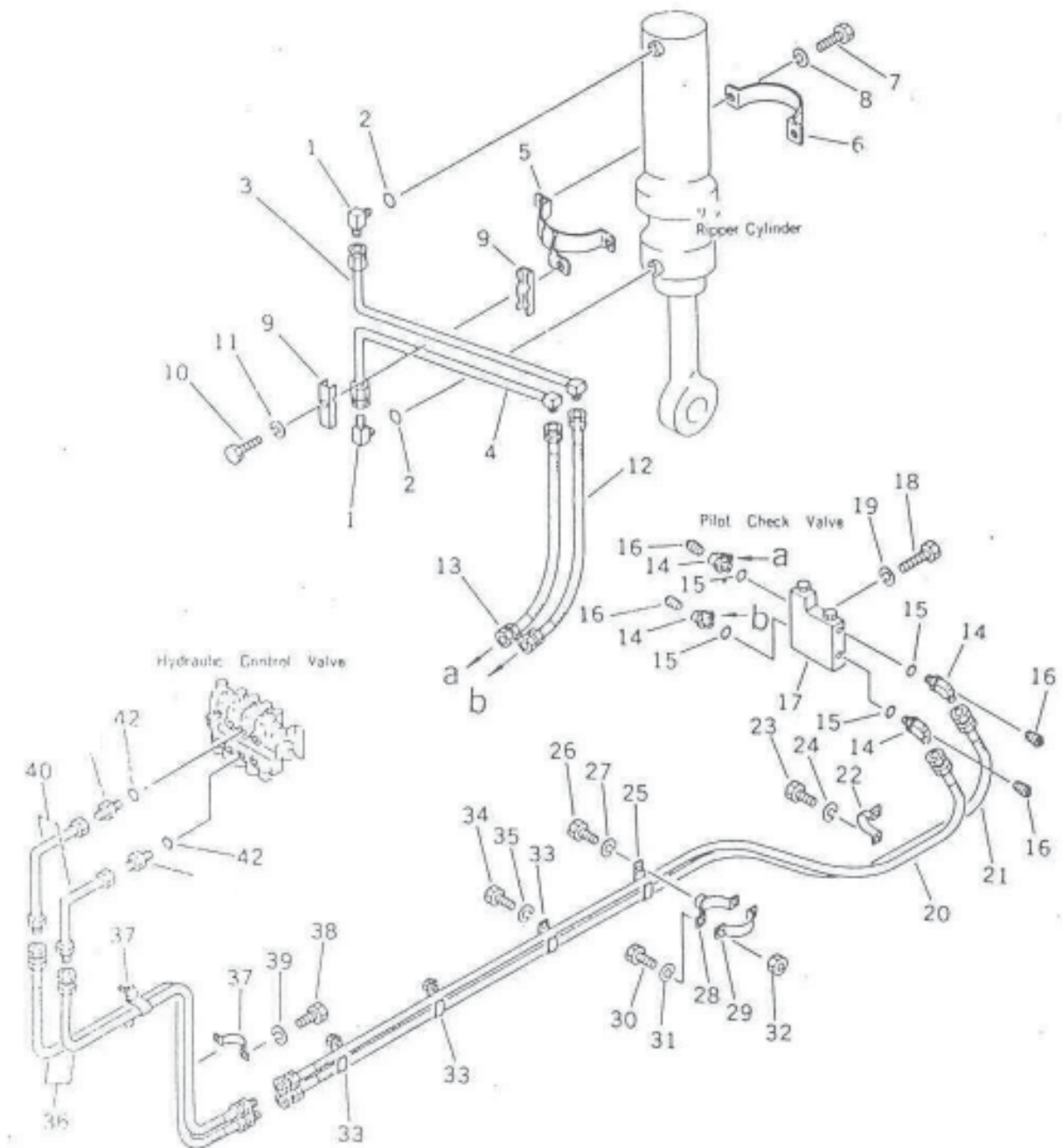
FIG NO.121 POWER TILT BLADE PIPING(OPTIONAL)



POWER TILT BLADE PIPING(OPTIONAL)**FIG NO.121**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
38	451-ZZ-10976	NUT	2	
39	CCC07-21529	CLIP	1	
40	CFN24-20809	NUT	2	
41	CFW05-08023	WASHER	2	
42	451-HS-11029	CLIP	2	
43	CFS01-21020	BOLT	2	
44	CFW01-11030	WASHER	2	
45	451-HC-01111	POWER TILT CYL.	1	
46	451-PA-11076	PLATE	1	

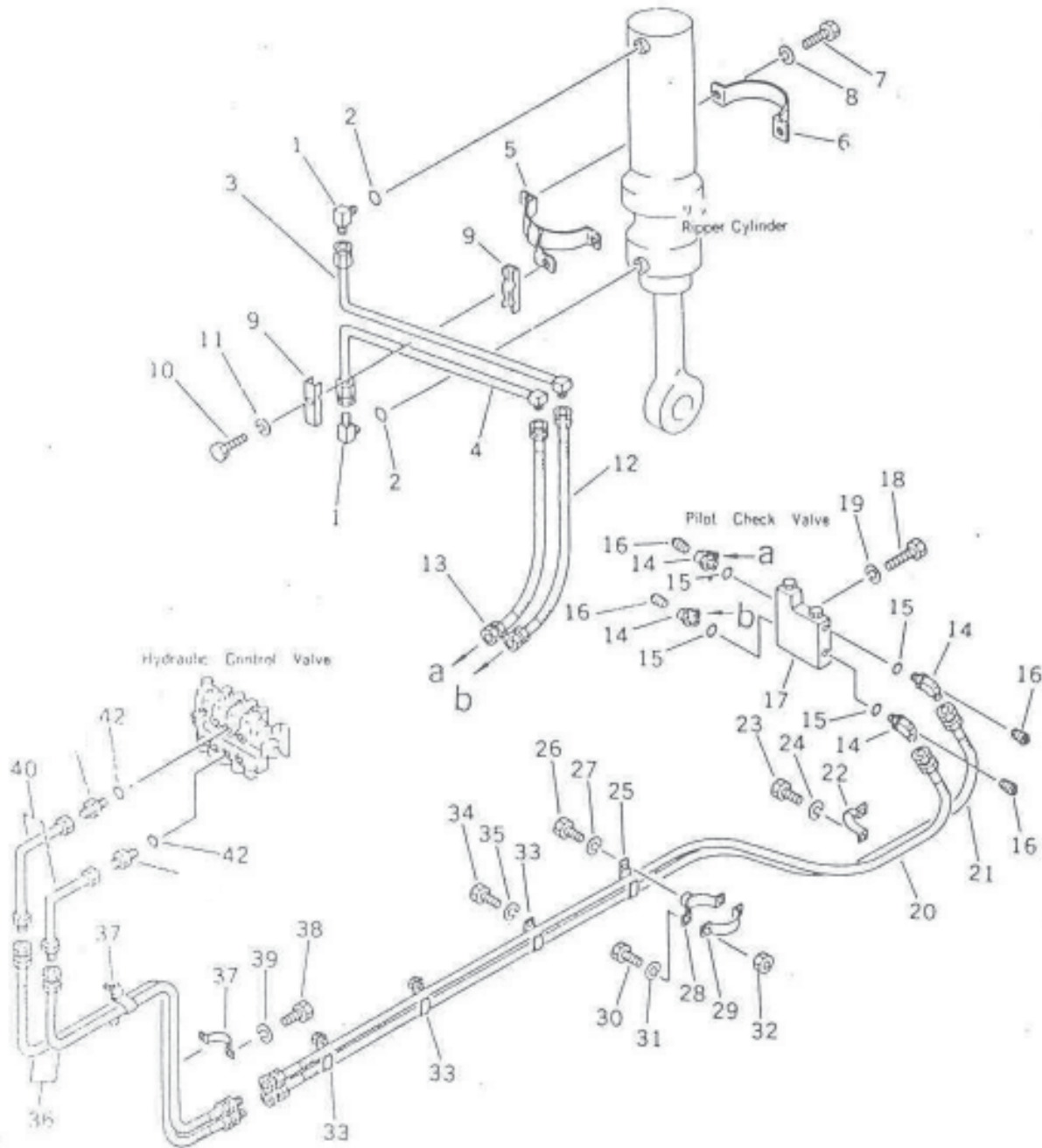
FIG NO.122 RIPPER PIPING (OPTIONAL)



RIPPER PIPING (OPTIONAL)**FIG NO.122**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-PA-02003	ELBOW	2	
02	CHS03-02034	O RING	2	
03	451-PA-02011	TUBE	1	
04	451-PA-02028	TUBE	1	
05	451-PA-02036	BAND	1	
06	451-PA-02044	BAND	2	
07	CFS01-21031	BOLT	2	
08	CFW01-11030	WASHER	2	
09	451-HS-11167	CLIP	1	
10	CFB01-21055	BOLT	1	
11	CFW01-11030	WASHER, SPRING	1	
12	CHH05-00811	HOSE	1	
13	CHH05-00810	HOSE	1	
14	CPF17-10422	ELBOW	4	
15	CHS03-02034	O RING	4	
16	CPL01-10810	PLUG	4	
17	451-CV-01081	PILOT C.VALVE ASSY	1	
18	CFB01-20875	BOLT	3	
19	CFW01-10825	WASHER, SPRING	3	
20	CHH05-00437	HOSE	1	
21	CHH05-00439	HOSE	1	
22	451-PA-11019	CLIP	1	
23	CFB07-22220	BOLT	2	
24	CFW01-11236	WASHER, SPRING	2	
25	451-PA-01027	CLIP	1	
26	CFS01-51020	BOLT	1	
27	CFW01-11030	WASHER, SPRING	1	
28	451-PA-02052	BAND	1	
29	451-PA-11035	BAND	1	
30	CFS01-20830	BOLT	2	
31	CFW01-10825	WASHER, SPRING	2	
32	CFN01-10868	NUT	2	
33	451-PA-11027	CLIP	3	
34	CFS01-21020	BOLT	3	
35	CFW01-11030	WASHER, SPRING	3	
36	451-PA-02077	HOSE	2	

FIG NO.122 RIPPER PIPING(OPTIONAL)

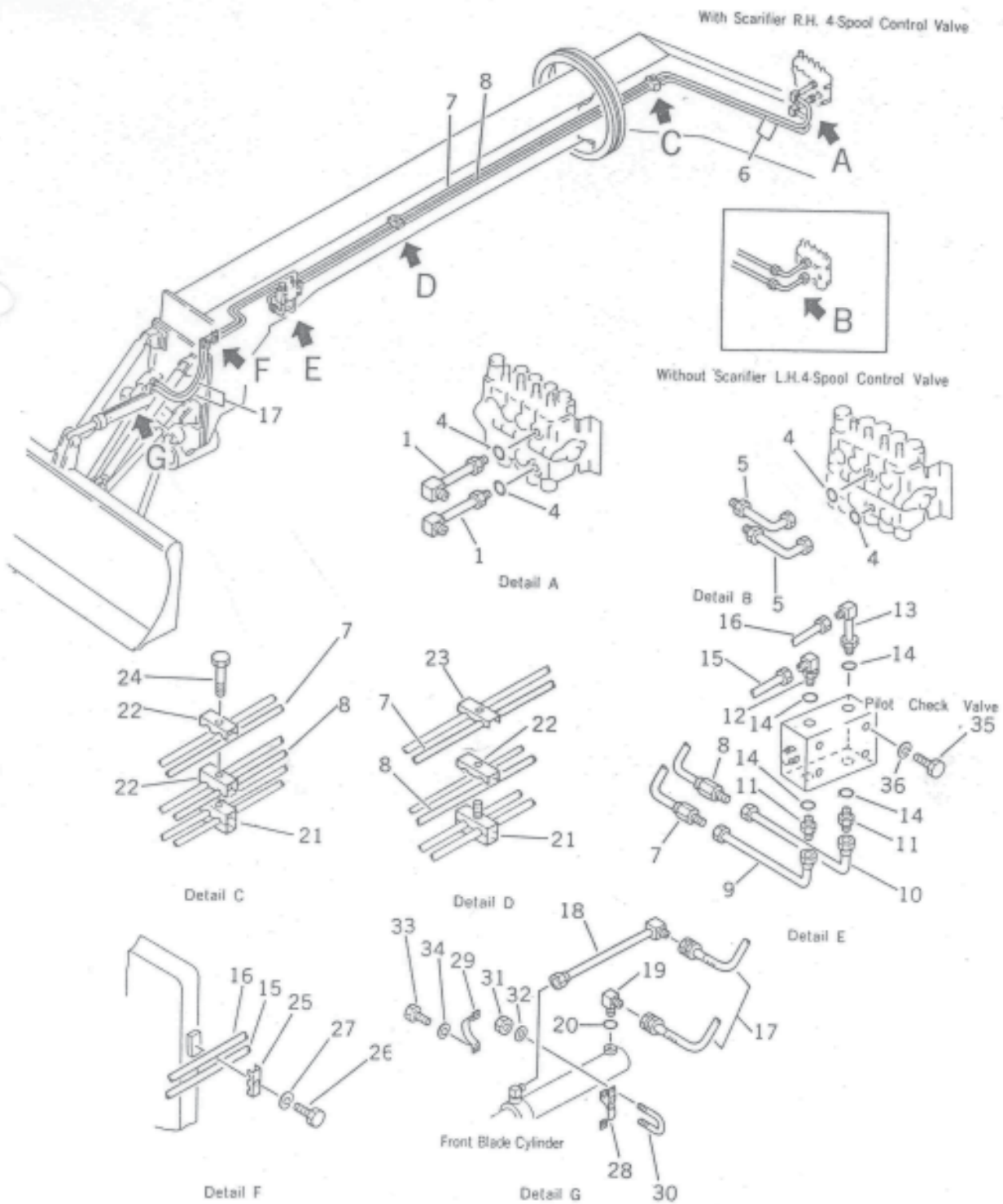


RIPPER PIPING(OPTIONAL)

FIG NO.122

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
37	451-PA-11019	CLIP	2	
38	CFS01-31225	BOLT	4	
39	CFW01-11236	WAHSER, SPRING	4	
40	451-PA-02059	TUBE	2	
41	451-HS-11012	NIPPLE	2	
42	CHS03-02034	O RING	2	
43	CFN01-11084	NUT	6	

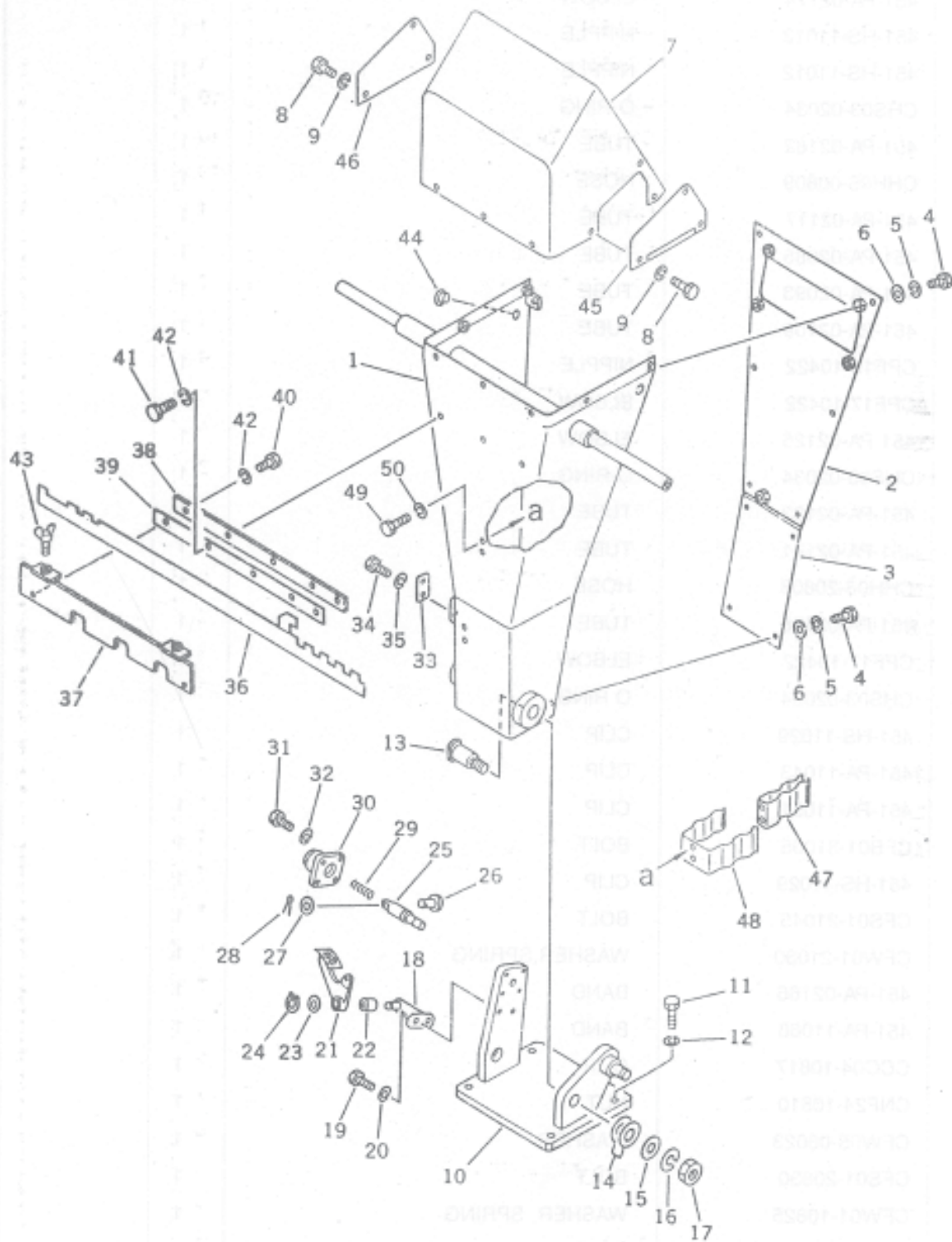
FIG NO.123 FRONT BLADE PIPING(OPTIONAL)



FRONT BLADE PIPING(OPTIONAL)**FIG NO.123**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-PA-02174	ELBOW	1	
04	CHS03-02034	O RING	1	
05	451-PA-02182	TUBE	1	
06	CHH06-00809	HOSE	1	
07	451-PA-02117	TUBE	1	
08	451-PA-02085	TUBE	1	
09	451-PA-02093	TUBE	1	
10	451-PA-02109	TUBE	1	
11	CPF15-10422	NIPPLE	1	
12	CPF17-10422	ELBOW	1	
13	451-PA-02125	ELBOW	1	
14	CHS03-02034	O RING	1	
15	451-PA-02133	TUBE	1	
16	451-PA-02141	TUBE	1	
17	CHH06-20808	HOSE	1	
18	451-PA-02158	TUBE	1	
19	CPF17-10422	ELBOW	1	
20	CHS03-02034	O RING	1	
21	451-HS-11029	CLIP	2	
22	451-PA-11043	CLIP	1	
23	451-PA-11051	CLIP	1	
24	CFB01-31005	BOLT	1	
26	CFS01-21045	BOLT	1	
27	CFW01-21030	WASHER, SPRING	1	
28	451-PA-02166	BAND	1	
29	451-PA-11068	BAND	1	
30	CCC04-10817	CLIP	1	
31	CFN24-10810	NUT	1	
32	CFW05-08023	WASHER	1	
33	CFS01-20830	BOLT	1	
34	CFW01-10825	WASHER, SPRING	1	
35	CFS01-20860	BOLT	1	
36	CFW01-10825	WASHER, SPRING	1	

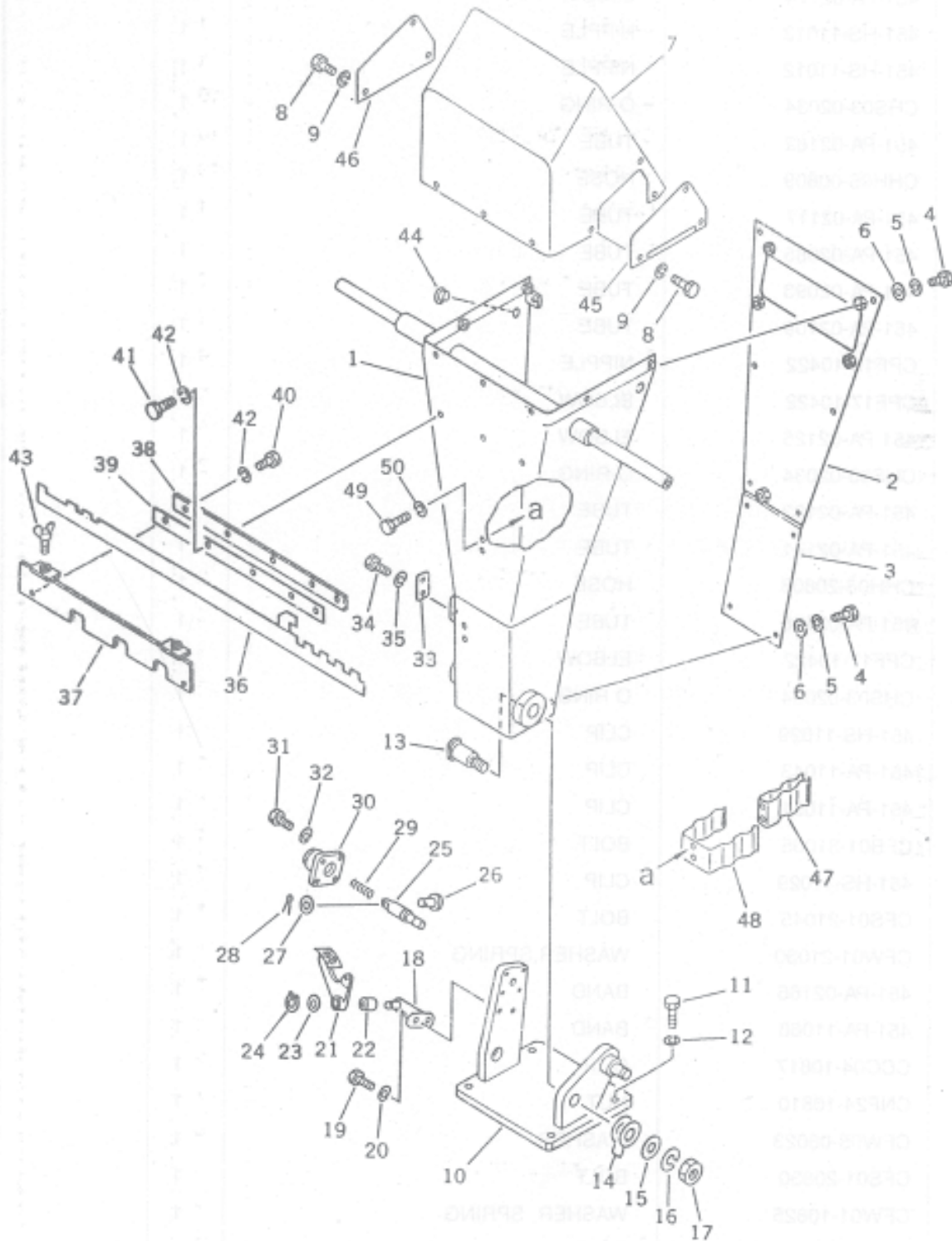
FIG NO.124 CONSOLE BOX



CONSOLE BOX**FIG NO.124**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-WC-02095	BOXING WASHER	1	
02	451-WC-02216	COVER	1	
03	451-WC-11118	COVER	1	
04	CFS01-20616	BOLT	10	
05	CFW01-10619	SPRING WASHER	10	
06	CFW02-10610	WASHER	10	
07	451-WC-02224	COVER	1	
08	CFS01-20820	BOLT	7	
09	CFW01-10825	SPRING WASHER	7	
10	451-WC-02087	BRACKET	1	
11	CFS01-21235	BOLT	4	
12	CFW01-11236	SPRING WASHER	4	
13	451-WC-11037	PIN	2	
14A	451-WC-11045	SHIM 0.5mm	5	
15	CFW05-16045	WASHER	2	
16	CFW01-11648	SPRING WASHER	2	
17	CFN01-21615	NUT	2	
18	451-WC-02102	BRACKET	1	
19	CFS01-21020	BOLT	2	
20	CFW01-11030	SPRING WASHER	2	
21	451-WC-02046	PEDAL	1	
22	451-WC-11061	BUSHING	1	
23	CFW02-11225	WASHER	1	
24	CFL01-11210	RING	1	
25	451-WC-11053	PIN	1	
26	CFP02-10618	PIN	1	
27	CFW02-10608	WASHER	1	
28	CFP01-01610	PIN COTTOR	1	
29	451-WC-11078	SPRING	1	
30	451-WC-02054	COVER	1	
31	CFS01-20820	BOLT	4	
32	CFW01-10825	SPRING WASHER	4	
33	451-WC-11086	PLATE	2	
34	CFS01-21025	BOLT	4	
35	CFW01-11030	SPRING WASHER	4	
36	451-WC-02119	PLATE	1	
37	451-WC-02127	GUIDE	1	

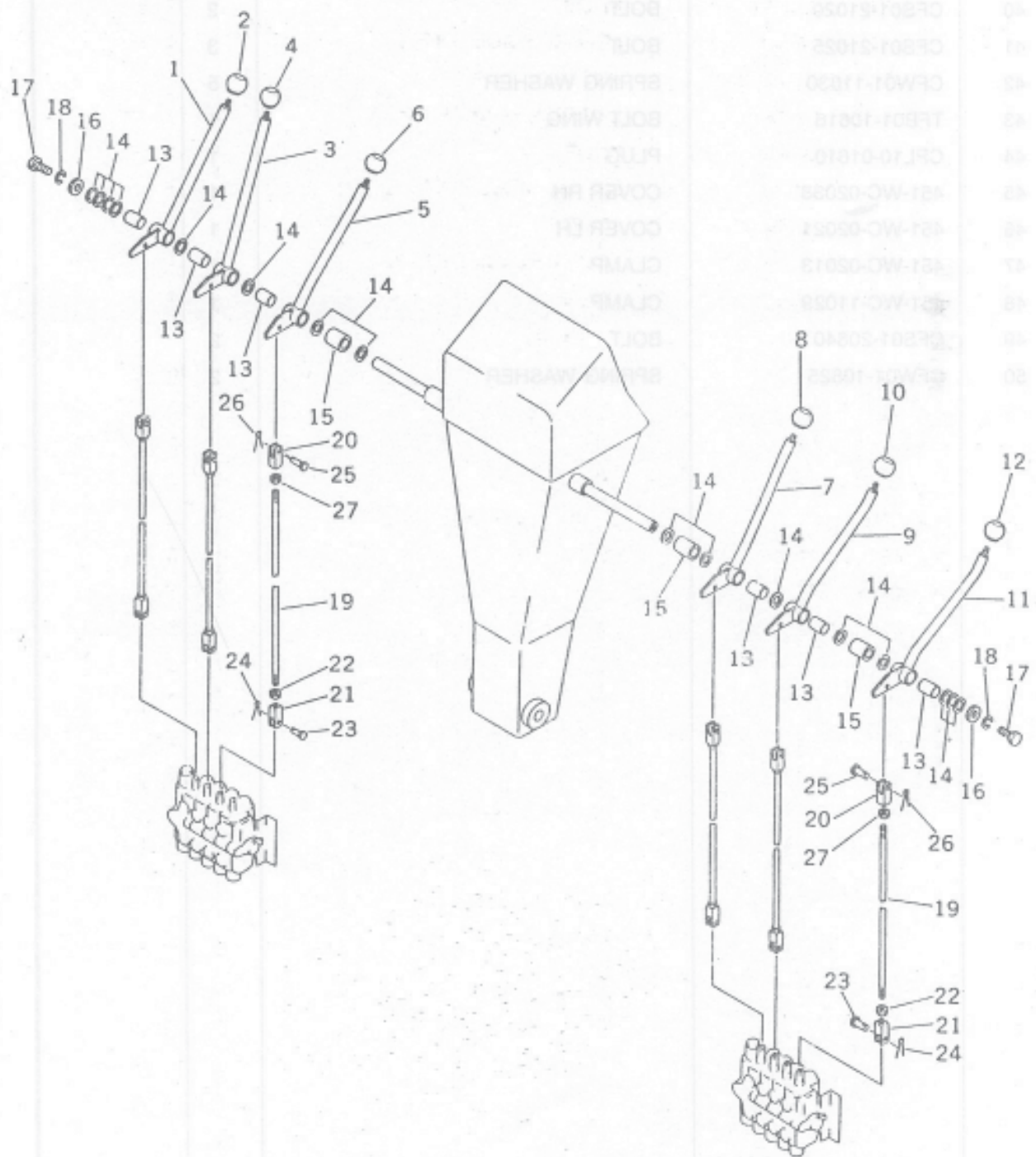
FIG NO.124 CONSOLE BOX



CONSOLE BOX**FIG NO.124**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
38	451-WC-11142	PLATE	1	
39	451-WC-11159	SHIM 0.4mm	3	
40	CFS01-21020	BOLT	2	
41	CFS01-21025	BOLT	3	
42	CFW01-11030	SPRING WASHER	5	
43	TFB01-10616	BOLT WING	1	
44	CPL10-01610	PLUG	1	
45	451-WC-02038	COVER RH	1	
46	451-WC-02021	COVER LH	1	
47	451-WC-02013	CLAMP	1	
48	451-WC-11029	CLAMP	1	
49	CFS01-20840	BOLT	2	
50	CFW01-10825	SPRING WASHER	2	

FIG NO.125 HYDRAULIC CONTROL LEVER

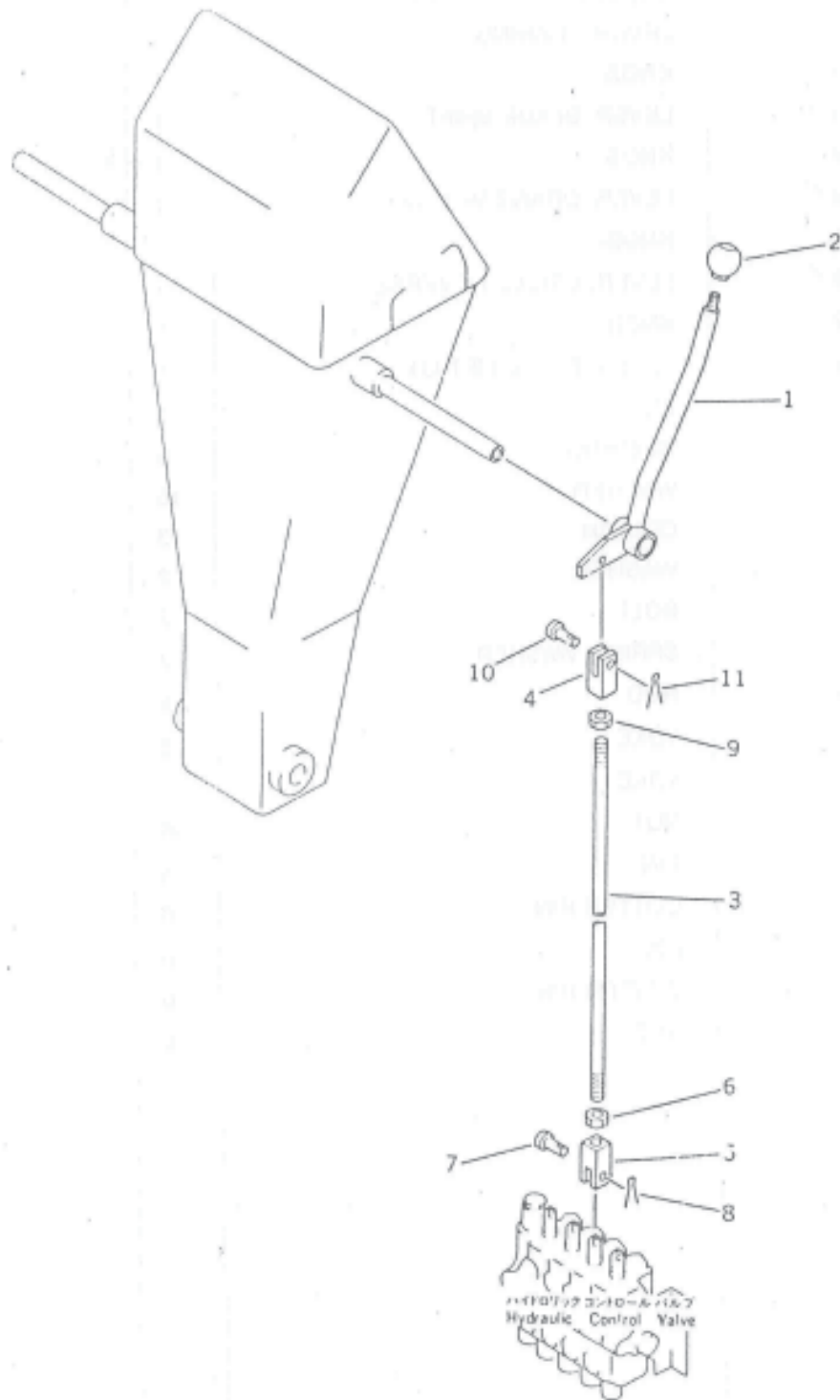


HYDRAULIC CONTROL LEVER

FIG NO. 125

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-WC-02135	LEVER,BLADE LIFT RH	1	
02	451-WC-02062	KNOB	1	
03	451-WC-02151	LEVER,LEANING	1	
04	451-WC-02079	KNOB	1	
05	451-WC-02143	LEVER,BLADE SHIFT	1	
06	451-WC-02062	KNOB	3	
07	451-WC-02168	LEVER,DRAWBAR SHIFT	1	
09	451-WC-02176	LEVER,CIRCLE REVERSE	1	
11	451-WC-02192	LEVER,BLADE LIFT LH	1	
13	451-CO-02139	BUSHING	6	
14	451-WC-11094	WASHER	16	
15	451-WC-11101	COLLAR	3	
16	451-WC-11012	WASHER	2	
17	CFS01-21225	BOLT	2	
18	CFW01-11236	SPRING WASHER	2	
19	451-WC-11126	ROD	6	
20	CFY01-20832	YOKE	6	
21	451-WC-11134	YOKE	6	
22	CFN01-20868	NUT	6	
23	CFP02-10622	PIN	6	
24	CFP01-01610	COTTOR PIN	6	
25	CFP02-10822	PIN	6	
26	CFP01-02012	COTTOR PIN	6	
27	CFN35-10805	NUT	6	

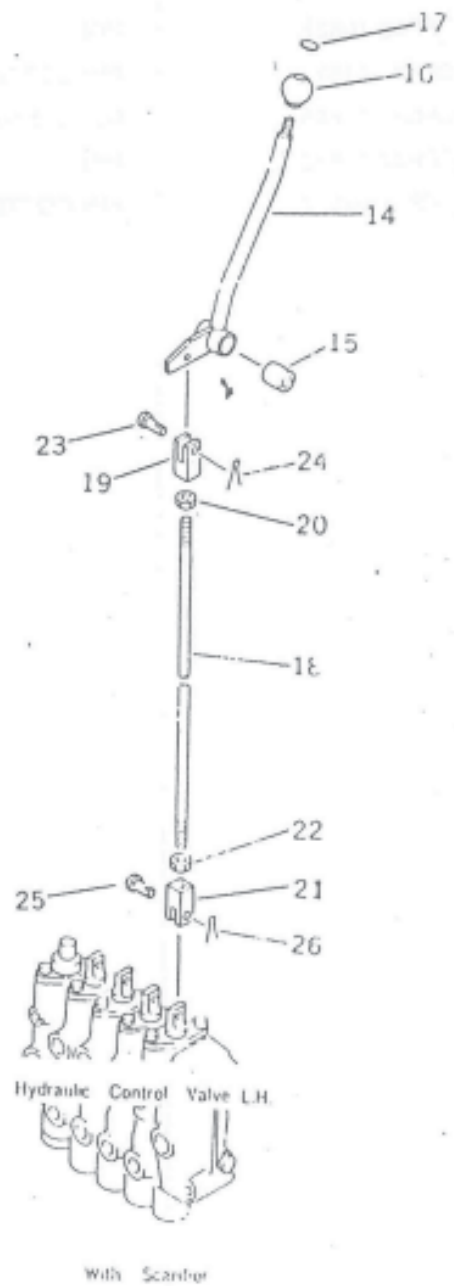
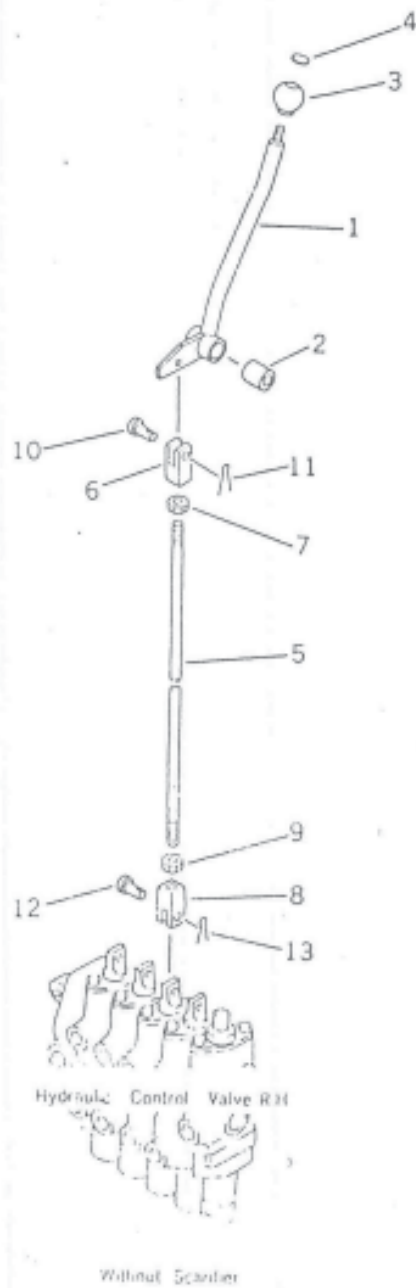
FIG NO.126 HYDRAULIC CONTROL LEVER FOR SCARIFIER & RIPPER(OP)



HYDRAULIC CONTROL LEVER FOR SCARIFIER & RIPPER(OP) FIG NO. 126

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-WC-02184	LEVER	1	
02	451-WC-02062	KNOB	1	
03	451-WC-11126	ROD	1	
04	CEY01-20832	YOKE, LH THREAD	1	
05	451-WC-11134	YOKE	1	
06	CFNO1-20868	NUT	1	
07	CFP02-10622	PIN	1	
08	CFP01-01610	PIN COTTER	1	
09	CFN35-10805	NUT LH THREAD	1	
10	CFP02-10822	PIN	1	
11	CFP01-02012	PIN COTTER	1	

FIG NO.127 HYDRAULIC CONTROL LEVER FOR FRONT BLADE(OP)



HYDRAULIC CONTROL LEVER FOR FRONT BLADE(OP)**FIG NO.127**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-WC-02176	LEVER	1	
02	451-WC-02391	BUSHING	1	
03	451-WC-02062	KNOB	1	
04	451-WC-11889	PLATE	1	
05	451-WC-11126	ROD	1	
06	CFY05-10832	YOKE	1	
07	CFN35-10805	NUT	1	
08	451-WC-11134	YOKE	1	
09	CFN01-10868	NUT	1	
10	CFP02-10822	PIN	1	
11	CFP01-12012	PIN, COTTER	1	
12	CFP01-10622	PIN	1	
13	CFP01-11610	PIN, COTTER	1	
14	451-WC-02232	LEVER	1	
15	451-CO-11139	BUSHING	1	
16	451-WC-02062	KNOB	1	
17	451-WC-11889	PLATE	1	
18	451-WC-02143	LEVER	1	
19	CFP05-10832	YOKE L.H. THREAD	1	
20	CFN35-10805	NUT L.H. THREAD	1	
21	451-WC-11134	YOKE	1	
22	CFN01-10868	NUT	1	
23	CFP02-10822	PIN	1	
24	CFP01-12012	PIN, COTTER	1	
25	CFP02-10622	PIN	1	
26	CFP01-11610	PIN, COTTER	1	

VII

WORK EQUIPMENT

This diagram shows an exploded view of a mechanical assembly. The main component is a long, angled bracket (1) with a flange at one end. A long rod (2) is shown passing through the bracket. Various nuts (3, 4, 5, 10, 11, 12, 13, 15, 19, 20, 21) and washers (6, 7, 8, 14, 16, 17, 18) are shown in their respective positions. A large, complex component (9) is shown at the end of the bracket, with several smaller parts (10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21) attached to it. The word "Frame" is written near the top of the bracket.

DRAW BAR**FIG NO.128**

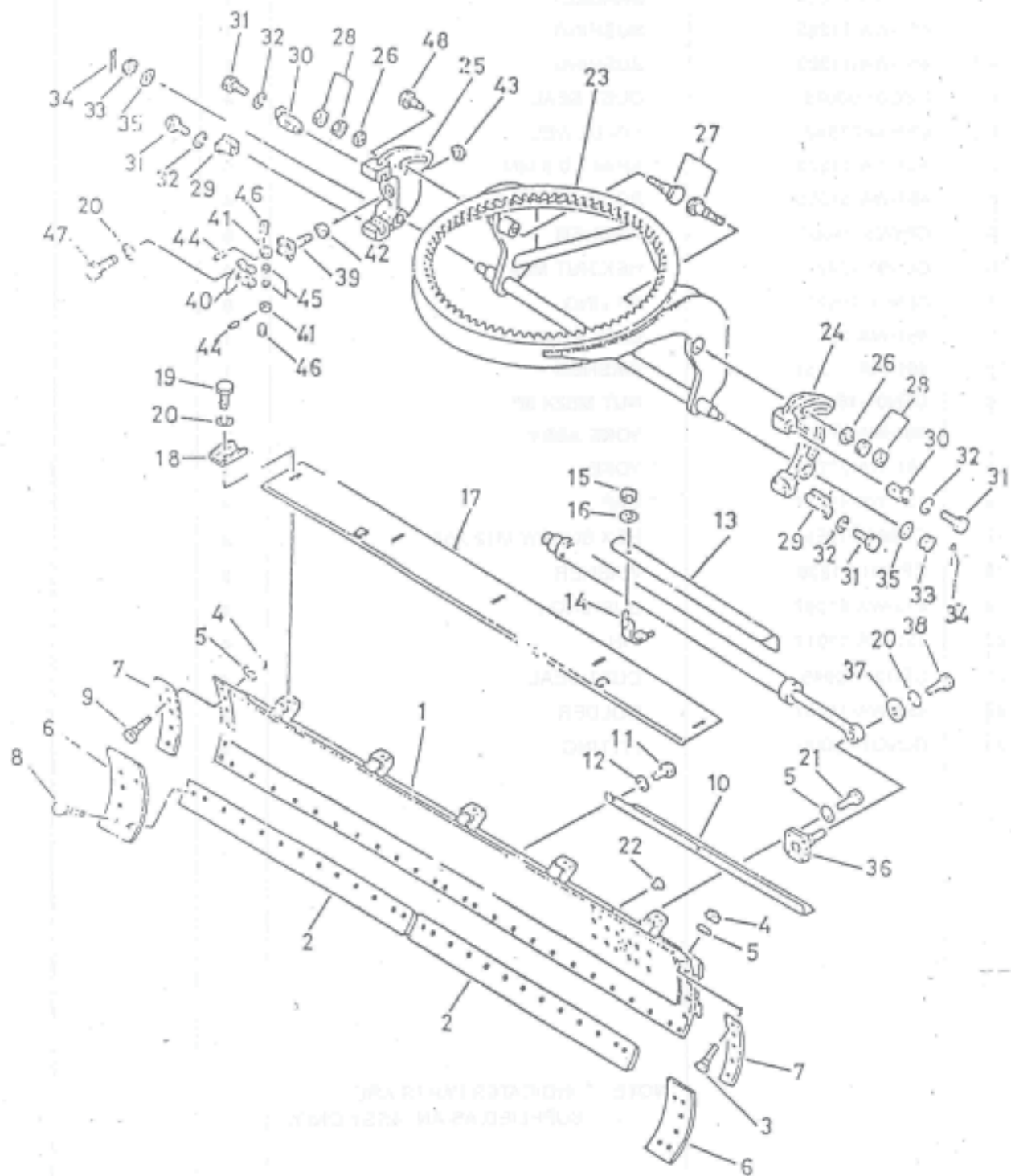
SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-WA-02016	DRAW BAR	1	
02	451-WA-51021	BALL STUD	1	
03	451-WA-11372	WASHER	1	
04	CFN03-24548	NUT	1	
05	CFP01-08080	SPLIT PIN COTTER 8 X 80	1	
06	451-WA-41083	GUIDE	6	
07	451-WA-11099	SHIM	4	
08	451-WA-11104	SHIM	4	
09	CFB01-22040	BOLT	14	
10	CFB02-22050	BOLT	2	
11	CFW05-20060	WASHER	34	
12	CFN01-22018	HEX. NUT M20	16	
13	CFB02-22020	BOLT	2	
14	CFS01-32470	BOLT	12	
15	CFN01-22422	HEX. NUT M24	16	
16	CLN01-10000	FITTING	6	
17	451-WA-11129	SHIM	15	
18	451-WA-12417	STUD	4	
19	CFW05-24060	WASHER	4	
20	451-WA-51119	JOINT	1	
21	CLN01-10675	FTTING	1	

Exploded view diagram of a mechanical assembly, likely a blade lift mechanism. The diagram shows a central component (1) with various sub-assemblies attached. The parts are numbered 1 through 23. The diagram includes labels for 'Blade Lift Cylinder' and 'Blade Lift Cylinder'.

BLADE LIFTER**FIG NO.129**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-WA-03118	BRACKET ASSY. (*MARKED ITEMS)	1	
01	451-WA-41229 *	BRACKET	1	
02	451-WA-41237 *	BRACKET	1	
03	451-WA-11283	BUSHING	1	
04	451-WA-11323	BUSHING	4	
05	CSD01-00075	DUST SEAL	4	
06	CFP04-01842	PIN DOWEL	2	
07	451-WA-11275 *	SHIM t 0.5mm	5	
08	451-WA-51305	BOLT	4	
09	CFW05-24060	WASHER	8	
10	CFN01-22422	HEX.NUT M24	4	
11	CLN01-10675	FITTING	5	
12	451-WA-11315	BALL STUD	1	
13	451-WA-11331	WASHER	1	
14	CFN01-15242	NUT M52 X 3P	1	
	451-WA-03126	YOKE ASSY. (** MARKED ITEMS)	1	
15	451-WA-31241 *	YOKE	1	
16	451-WA-41294 *	CAP	2	
17	CFB01-21255	HEX.SCREW M12 X 55	8	
18	CFW01-11236	WASHER	8	
19	451-WA-51257	BUSHING	4	
20	451-WA-11017	PIN	4	
21	CSD01-00045	DUST SEAL	4	
22	451-WA-11267	HOLDER	2	
23	CLNO1-10000	FITTING	4	

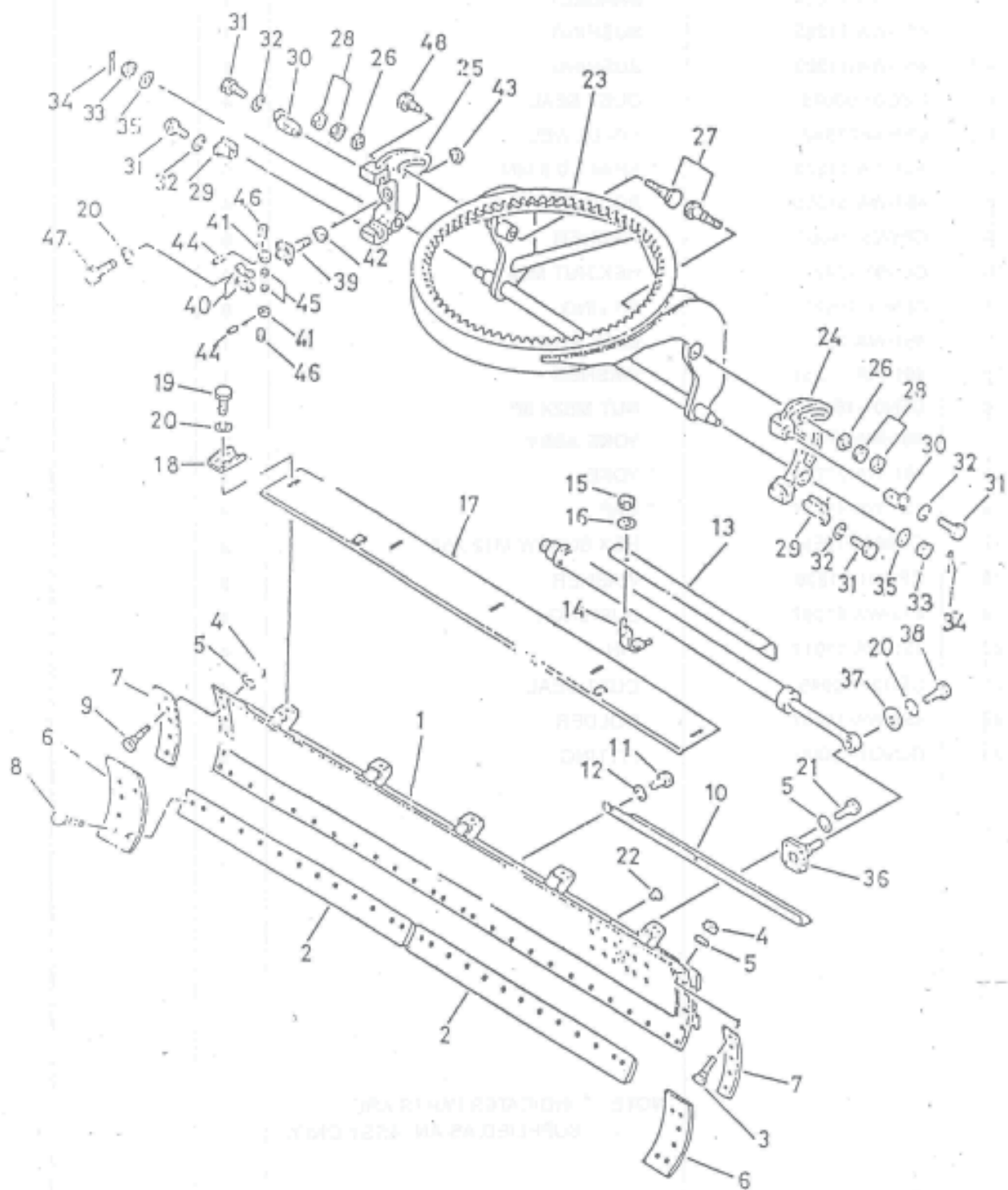
FIG NO.130 BLADE



BLADE**FIG NO.130**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-WA-02024	BLADE	1	
02	451-WA-52423	CUTTING EDGE	4	WIDIA
02	451-WA-51038	CUTTING EDGE	2	KOMATSU
02	451-WA-52253	CUTTING EDGE	4	SNADVICK
03	451-WA-11041	BOLT	34	WIDIA
03	451-WA-11041	BOLT	24	KOMATSU
03	451-WA-11041	BOLT	34	SNADVICK
04	451-WA-11074	NUT	34	WIDIA
04	451-WA-11074	NUT	36	KOMATSU
04	451-WA-11074	NUT	34	SNADVICK
05	CFW05-16045	WASHER	34	WIDIA
05	CFW05-16045	WASHER	36	KOMATSU
05	CFW05-16045	WASHER	34	SNADVICK
06	451-WA-11153	END BIT	2	KOMATSU
07	451-WA-41148	SIDE EDGE	2	WIDIA
07	451-WA-41148	SIDE EDGE	2	KOMATSU
07	451-WA-41148	SIDE EDGE	2	SNADVICK
08	451-WA-11058	BOLT	10	KOMATSU
09	451-WA-11066	BOLT	2	KOMATSU
10	451-WA-11137	COVER	1	
11	CFS01-21020	HEX. SCREW M10x20	3	
12	CFW01-11030	SPRING WASHER	3	
13	451-WA-02081	COVER	1	
14	451-WA-02049	BAND	3	
15	CFN24-10809	NUT	6	
16	CFW05-08023	WASHER	6	
17	451-WA-11648	COVER	1	
18	451-WA-12409	PLATE	5	
19	CFS01-21230	SCREW	5	
20	CFW01-11236	WASHER	10	
21	CFS01-21640	SCREW	4	
22	CPL10-01510	PLUG	8	
23	451-WA-02073	SUPPORT	1	
24	451-WA-41172	ADJUSTER L.H	1	
25	451-WA-41164	ADJUSTER R.H	1	
26	451-WA-11348	BLOCK	2	
27	451-WA-51362	BOLT	2	
28	CFN01-23026	HEX. NUT M30	4	
29	451-WA-41383	GUIDE	2	
30	451-WA-41391	GUIDE	2	

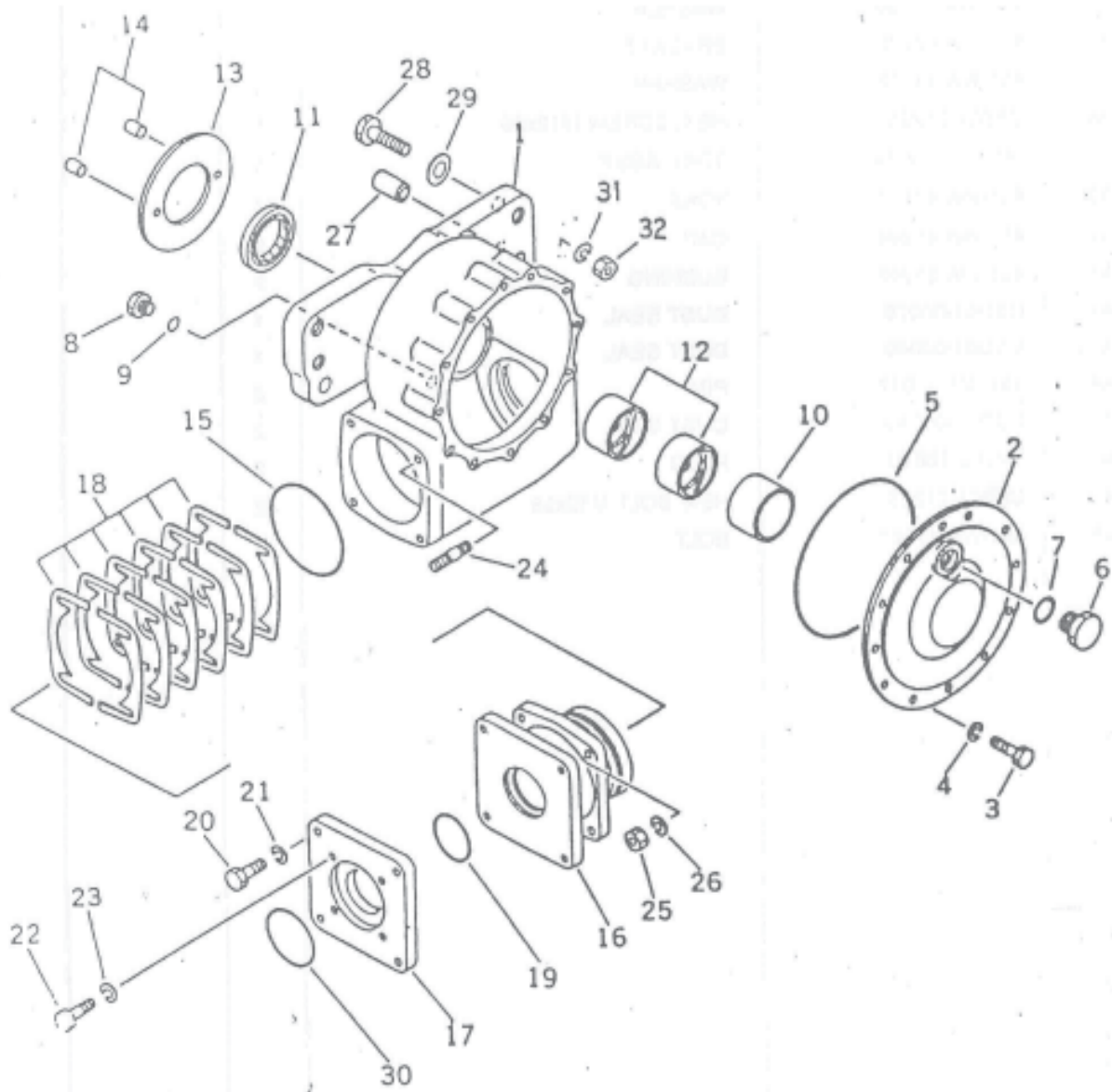
FIG NO.130 BLADE



BLADE**FIG NO.130**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
31	CFB07-21435	HEX. SCREW M14x35	4	
32	CFW01-11422	WASHER	4	
33	CFN03-24548	NUT	2	
34	CFP01-08080	COTTER PIN	2	
35	451-WA-11186	WASHER	2	
36	451-WA-02032	BRACKET	1	
37	451-WA-11218	WASHER	1	
38	CFS01-21225	HEX. SCREW M12x25	1	
	451-WA-03142	YOKE ASSY.	1	
39	451-WA-41197 *	YOKE	1	
40	451-WA-41294 *	CAP	2	
41	451-WA-51257	BUSHING	2	
42	CSD01-00075	DUST SEAL	1	
43	CSD01-00060	DUST SEAL	1	
44	451-WA-11017	PIN	2	
45	CSD01-00045	DUST SEAL	2	
46	CPL02-10810	PLUG	2	
47	CFB01-21225	HEX. BOLT M12x55	42	
48	451-WA-11201	BOLT	1	

FIG NO.131CIRCLE REVERSE GEAR (1/2)

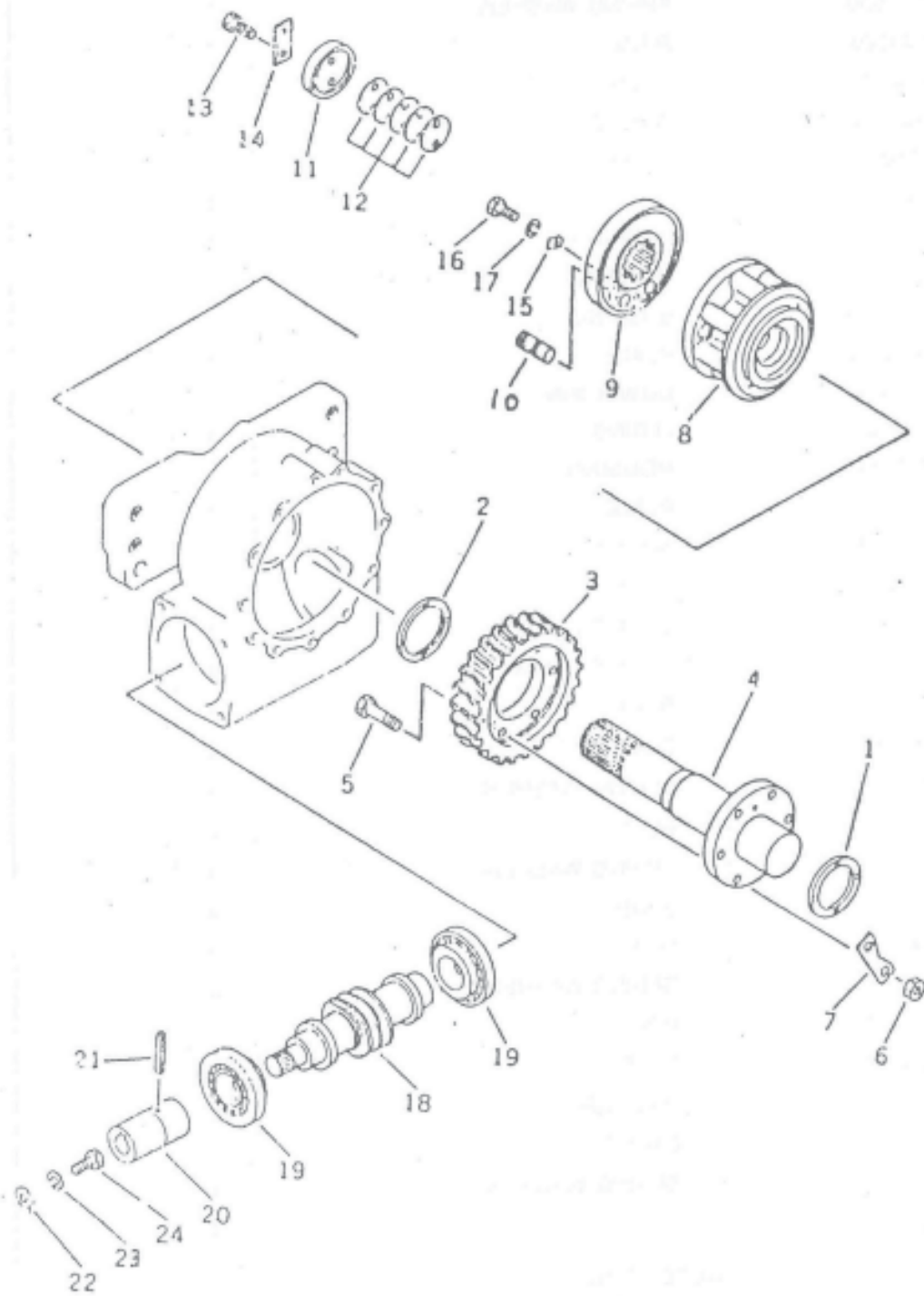


CIRCLE REVERSE GEAR(1/2)

FIG NO.131

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-WA-01011	CIRCLE REVERSE ASSY		
01	451-WA-12774	CASE	1	
02	451-WA-12814	COVER	1	
03	CFS01-21030	BOLT	12	
04	CFW01-11030	SPRING WASHER	12	
05	CHS01-05220	O-RING	1	
06	CPL06-13016	PLUG	1	
07	CHS03-03034	O-RING	1	
08	CPL06-11812	PLUG	1	
09	CHS03-01823	O-RING	1	
10	451-WA-02251	BUSHING	1	
11	CHS07-00062	OIL SEAL	1	
12	451-WA-22883	BUSHING	2	
13	451-WA-12758	PLATE	1	
14	CFP04-01024	DOWEL PIN	2	
15	CHS01-02130	O-RING	1	
16	451-WA-12952	HOUSING	1	
17	451-WA-12839	PLATE	1	
	451-WA-03134	SHIMASSY.	1	
18	451-WA-12969 *	SHIM, t 0.1mm	8	
18	451-WA-12977 *	SHIM, t 0.2mm	12	
18	451-WA-12985 *	SHIM, t 1.0mm	4	
19	CHS01-02075	O-RING	1	
20	CFS01-21240	BOLT	4	
21	CFW01-11236	SPRING WASHER	4	
22	CFS01-21240	BOLT	4	
23	CFW01-11236	SPRING WASHER	4	
24	CFT03-31245	STUD	4	
25	CFN19-21210	NUT	4	
26	CFW01-11236	SPRING WASHER	4	
27	451-WA-12855	PIN	2	
28	CFS01-32490	BOLT	4	
29	CFW05-24060	WASHER	8	
30	CHS01-02085	O-RING	1	
31	CFW01-12472	SPRING WASHER	4	
32	CFN01-22422	NUT	4	

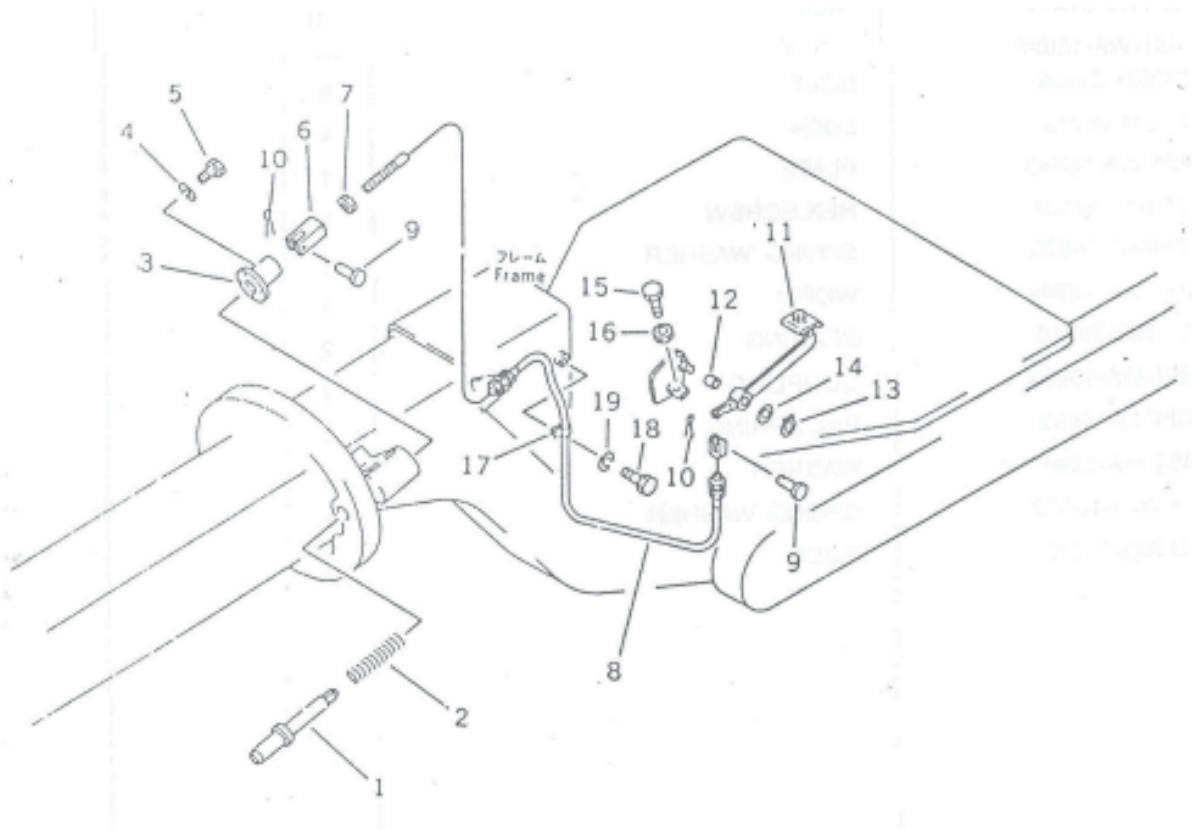
FIG NO.132 CIRCLE REVERSE GEAR(2/2)



CIRCLE REVERSE GEAR(2/2)**FIG NO.132**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
	451-WA-01011	CIRCLE REVERSE ASSY		
01	451-WA-22794	WASHER	1	
02	451-WA-22801	WASHER	1	
03	451-WA-12871	WORM WHEEL	1	
04	451-WA-12782	SHAFT	1	
05	CFB43-21455	BOLT	6	
06	CFN19-21411	NUT	6	
07	451-WA-12822	LOCK	3	
08	451-WA-12896	GEAR	1	
09	451-WA-12903	JOINT	1	
10	451-WA-12911	PIN,SHEAR	1	
11	451-WA-12766	HOLDER	1	
12	451-WA-12936	SHIM, 0.5mm	10	
13	CFS01-21235	BOLT	2	
14	TFL01-00612	LOCK	1	
15	451-WA-12863	PLATE	1	
16	CFS01-20820	HEX.SCREW	1	
17	CFW01-10825	SPRING WASHER	1	
18	451-WA-12944	WORM	1	
19	CBT02-30310	BEARING	2	
20	451-WA-12993	COUPLING	1	
21	CFP13-10650	PIN,SPRING	1	
22	451-WA-12847	WASHER	1	
23	CFW01-10929	SPRING WASHER	1	
24	CFB25-11032	BOLT	1	

FIG NO. 133 BANK CUTTING CONTROL



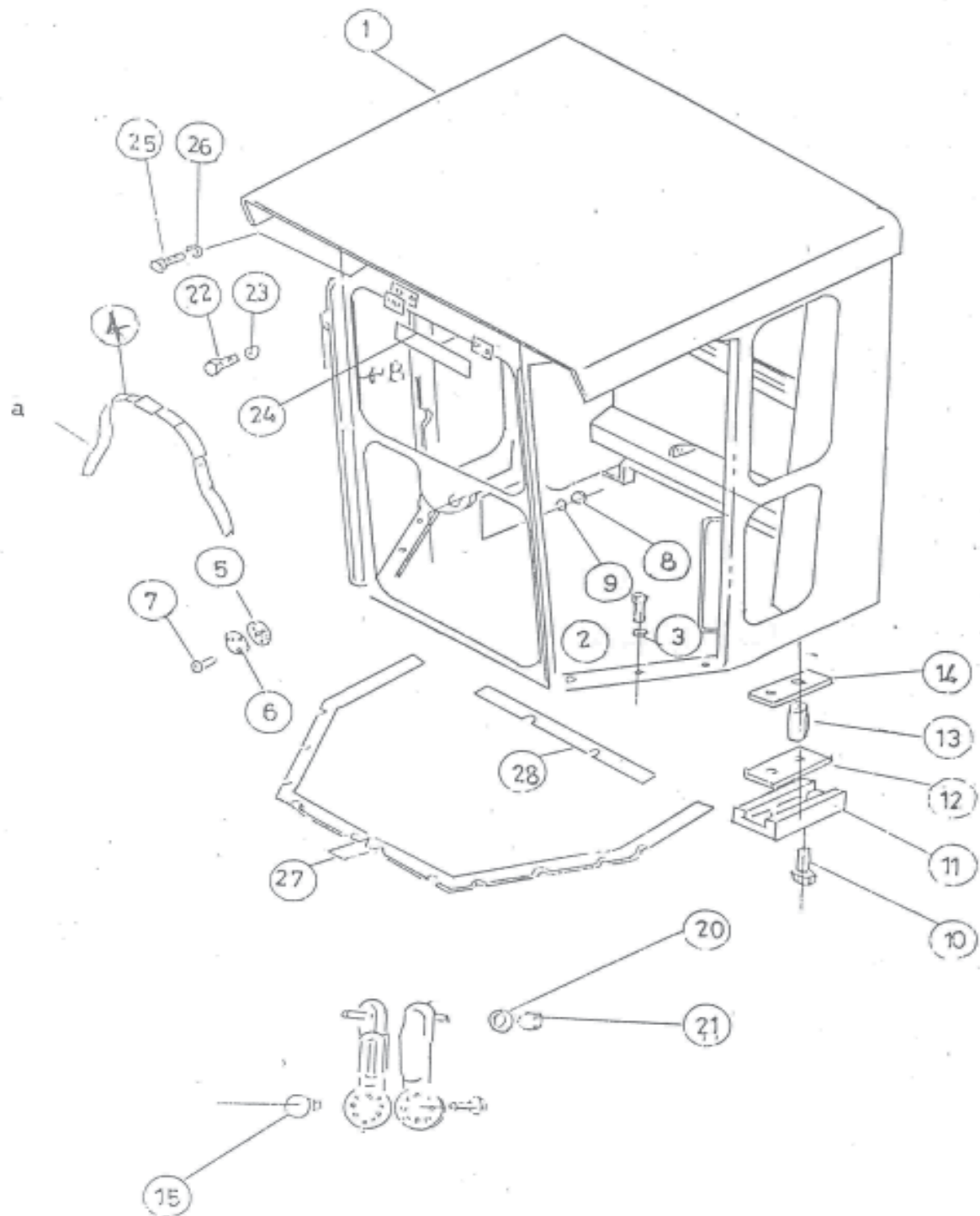
BANK CUTTING CONTROL**FIG NO.133**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-CO-13253	SHAFT	1	
02	451-CO-13278	SPRING	1	
03	451-CO-02504	SEAT	1	
04	CFW01-10825	SPRING WASHER M8	4	
05	CFS01-20820	BOLT M8X20	4	
06	CFY02-10844	YOKE	1	
07	CFN01-10868	NUT M8	1	
08	451-CO-02537	CABLE	1	
09	CFP02-10825	PIN	2	
10	CFP01-02012	PIN,COTTER	2	
11	451-CO-02529	PEDAL	1	
12	451-CO-02512	BUSHING	1	
13	CFL01-12012	SNAP RING	1	
14	451-CO-13261	SPACER	1	
15	CFS01-21030	BOLT	1	
16	CFNO1-21084	NUT	1	
17	CCC06-11214	CLIP	1	
18	CFS01-21030	HEX.SCREW M10X20	1	
19	CFW01-11030	SPRING WASHER	1	

VIII

OPTIONAL PARTS

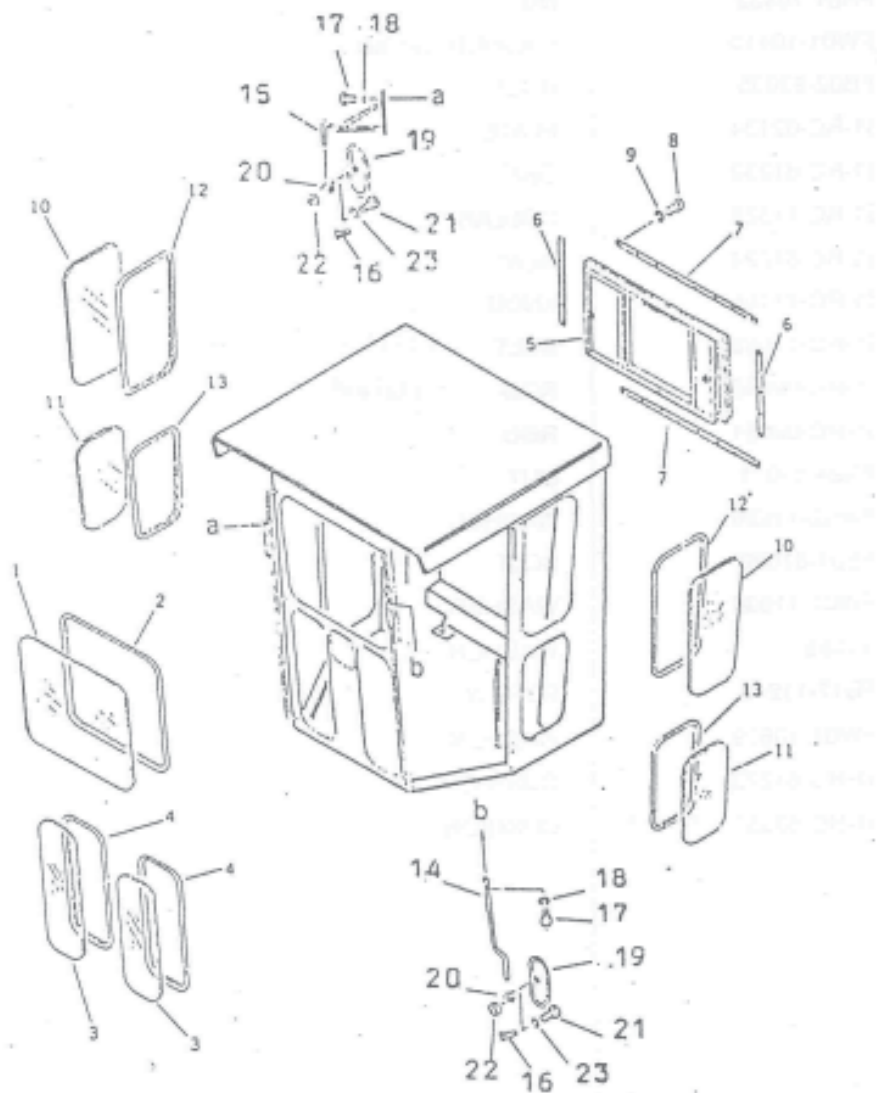
FIG NO.134 ROPS CABIN (1/4)(OPTIONAL)



ROPS CABIN (1/4)**FIG NO.134**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-RC-02142	ROPS CABIN	1	
02	CFS01-31235	BOLT	1	
03	CFW01-11236	WASHER, SPRING	1	
04	-			
05	451-RC-61192	PACKING	1	
06	451-RC-11085	PLATE	1	
07	CFS15-10410	SCREW	1	
08	CFN01-10432	NUT	1	
09	CFW01-10410	WASHER, SPRING	1	
10	CFB02-23035	BOLT	1	
11	451-RC-02134	PLATE	1	
12	451-RC-61232	SEAT	1	
13	451-RC-11328	SPACER	1	
14	451-RC-61224	SEAT	1	
15	451-RC-71106	KNOB	1	
19	451-RC-02061	ROD	1	
20	CFN24-11011	NUT	1	
21	CFW02-11020	WASHER	1	
22	CFS01-31020	BOLT	1	
23	CFW01-11030	WASHER	1	
24	VG 1565	WASHER	1	
25	CFB17-11245	SCREW	1	
26	CFW01-10619	WASHER, SPRING	1	
27	451-RC-61273	CUSHION	1	
28	451-RC-63355	CUSHION	1	

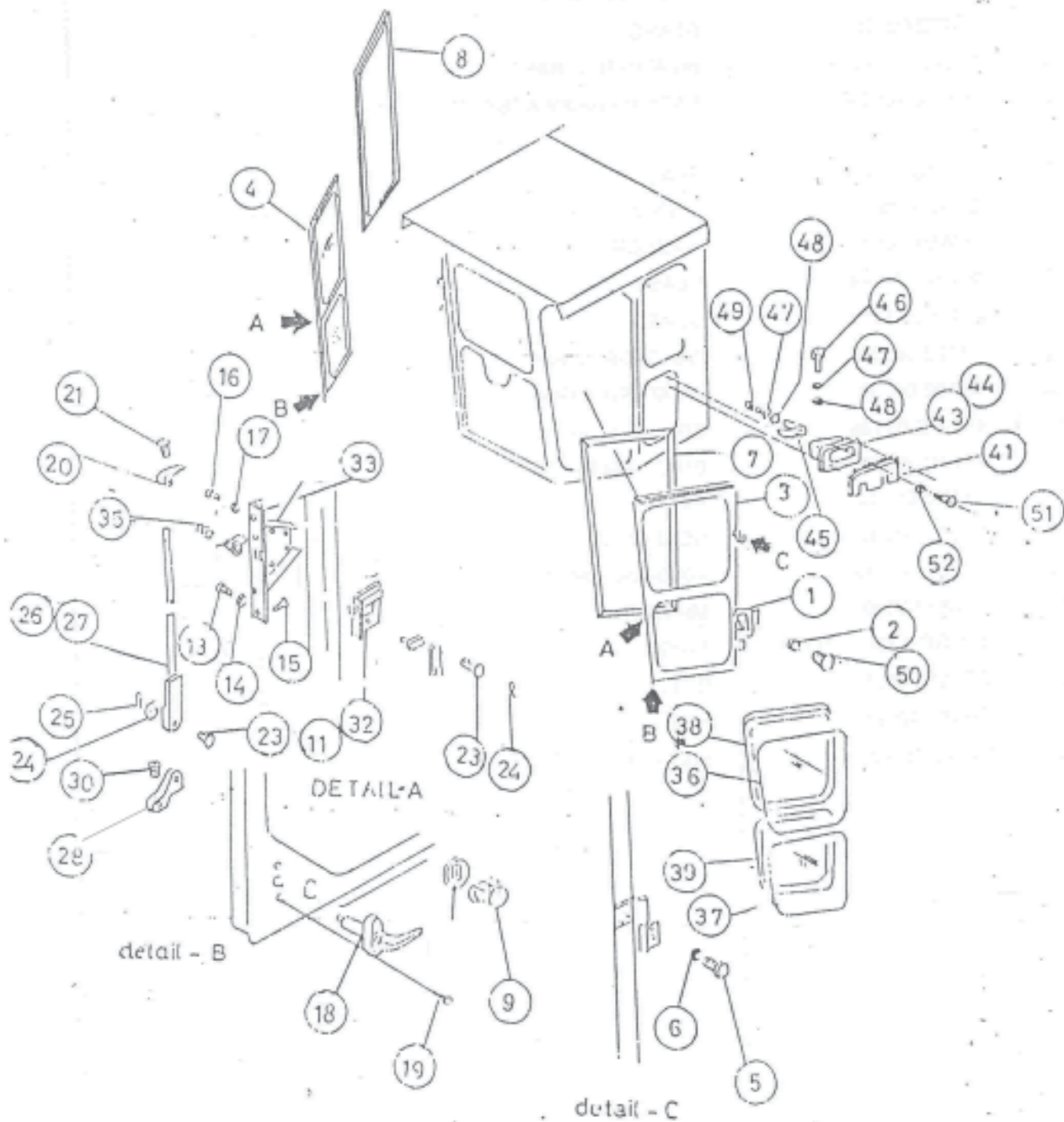
FIG NO.135 ROPS CABIN (2/4)(OPTIONAL)



ROPS CABIN (2/4) (OPTIONAL)**FIG NO.135**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-RC-71114	GLASS	1	
02	TST02-00330	WEATHER STRIP	1	
03	451-RC-71358	GLASS	1	
04	TST02-00335	WEATHER STRIP	1	
05	451-RC-02159	BACK WINDOW ASSY.	1	
06	451-RC-61281	SEAL	2	
07	451-RC-61265	SEAL	2	
08	CFS13-00516	SCREW	28	
09	CFW01-10513	WASHER	28	
10	451-RC-71244	GLASS	2	
11	451-RC-71252	GLASS	2	
12	TST02-00270	WEATHER STRIP	2	
13	TST02-00230	WEATHER STRIP	2	
14	451-RC-02126	BRACKET LH.	11	
15	451-RC-02118	BRACKET RH.	1	
16	CFP13-05040	PIN	2	
17	CFS01-31230	SCREW	6	
18	CFW01-11236	WASHER, SPRING	6	
19	649000038500	MIRROR	2	
20	451-RC-13361	PIVOT	2	
21	CFS01-20825	BOLT	2	
22	CFN01-10868	NUT	2	
23	CFW01-10825	WASHER	2	

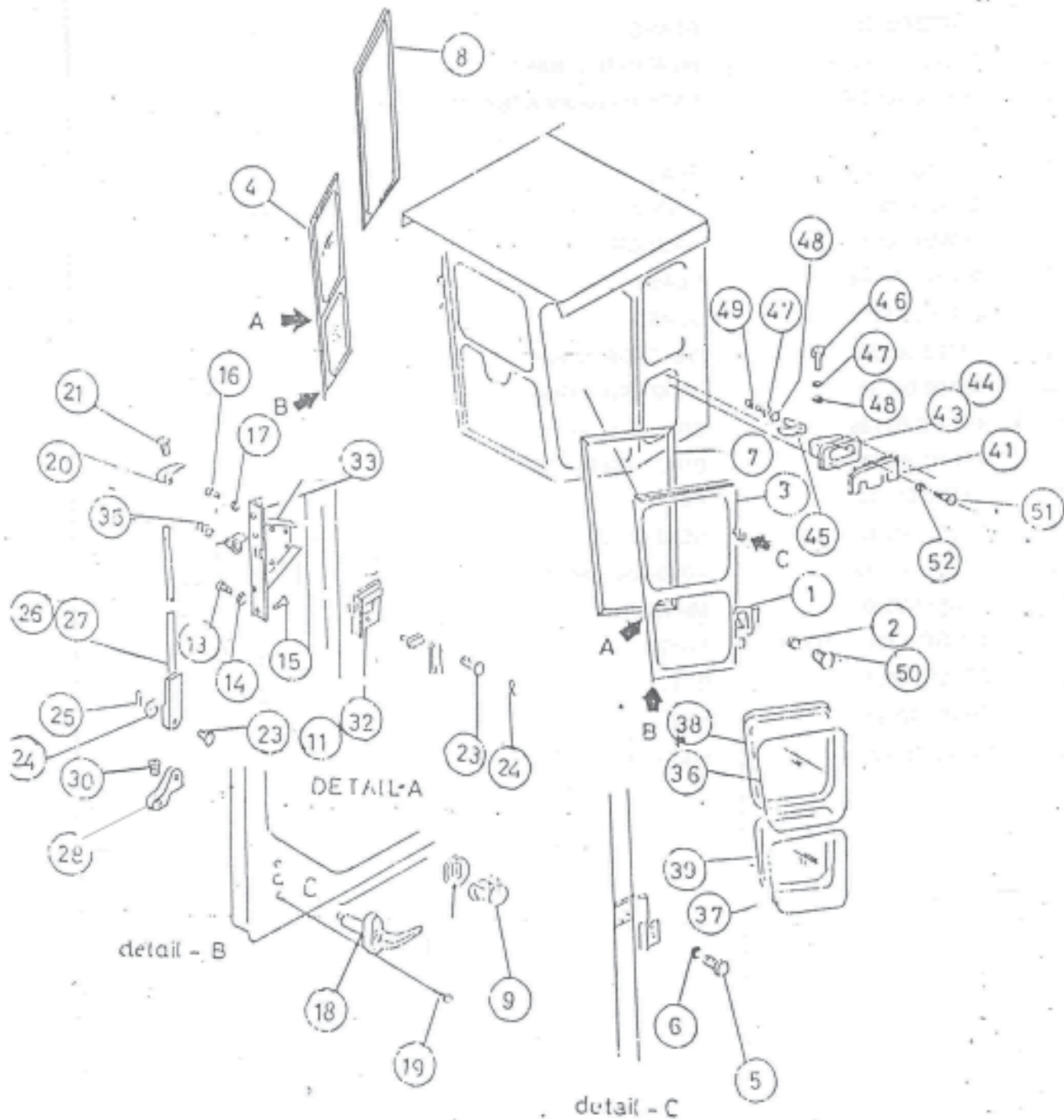
FIG NO.136 ROPS CABIN (3/4)(OPTIONAL)



ROPS CABIN (3/4)(OPTIONAL)**FIG NO. 136**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-RC-02207	DOOR LOCK	2	
02	CFW01-10619	WASHER, SPRING	4	
03	451-RC-02167	DOOR LH	1	
04	451-RC-02175	DOOR RH	1	
05	CFS01-20825	HEX. BOLT	12	
06	CFW01-10825	WASHER, SPRING	12	
07	451-RC-11158	SEAL	1	
08	451-RC-11166	SEAL	1	
09	451-RC-13823	HANDLE	1	
11	451-RC-11011	DOOR LOCK RH	1	
13	CFS01-20825	HEX. BOLT	20	
14	CFW01-10825	WASHER	20	
15	CFS15-10612	SCREW	12	
16	CFS15-10612	SCREW	4	
17	CFW02-10616	WASHER	4	
18	451-RC-13823	HANDLE	3	
19	CFS15-10412	SCREW	4	
20	TSH01-00010	HANDLE	2	
21	CFS15-10412	SCREW	2	
23	451-RC-13694	PIN	4	
24	CFW03-10616	WASHER	4	
25	CFP01-11610	COTTER PIN	4	
26	451-RC-02014	ROD LH	1	
27	CFN35-10605	HEX. NUT	4	
28	451-RC-13678	LEVER RH	1	
30	CFS15-10412	SCREW	2	
32	451-RC-11028	DOOR LOCK LH	1	
33	451-RC-13845	STAY RH	1	
35	CFS15-10412	SCREW	1	
36	451-RC-71171	GLASS	2	
37	451-RC-71188	GLASS	2	
38	TST02-00300	WEATHER STRIP	2	

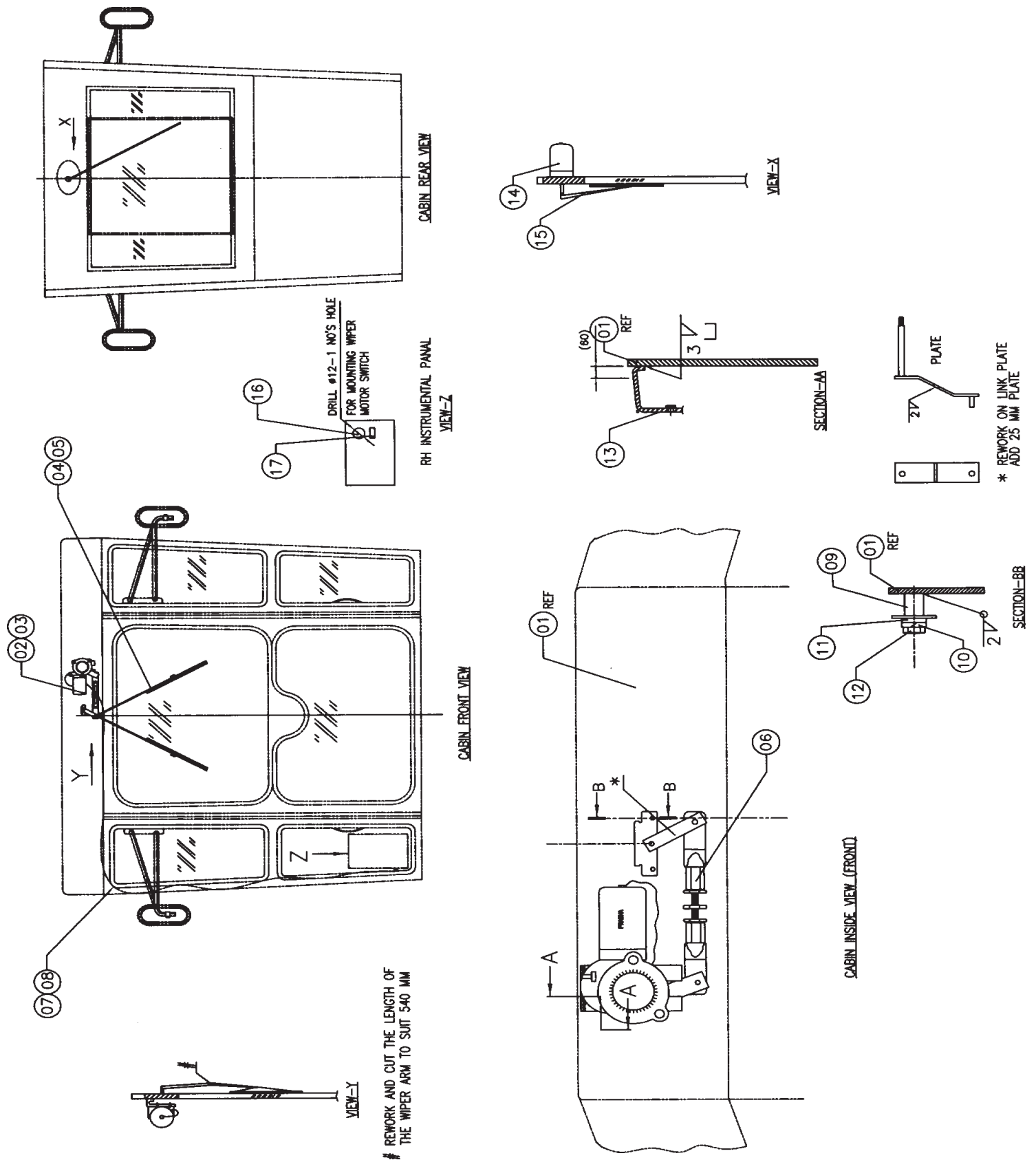
FIG NO.136 ROPS CABIN (3/4) OPTIONAL



ROPS CABIN (3/4) (OPTIONAL)**FIG NO. 136**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
39	TST02-00280	WEATHER STRIP	2	
41	451-RC-13637	PLATE	1	
43	451-RC-03017	BOX LH	1	
44	451-RC-03025	BOX RH	1	
45	451-RC-02312	DOOR LOCK	2	
46	CFS01-20830	BOLT	4	
47	CFW01-10825	WASHER, SPRING	8	
48	CFW03-10816	WASHER	8	
49	CFS01-20830	BOLT	4	
50	CFS01-20620	BOLT	4	
51	CFS01-10410	SCREW	8	
52	CFW01-10410	WASHER, SPRING	8	

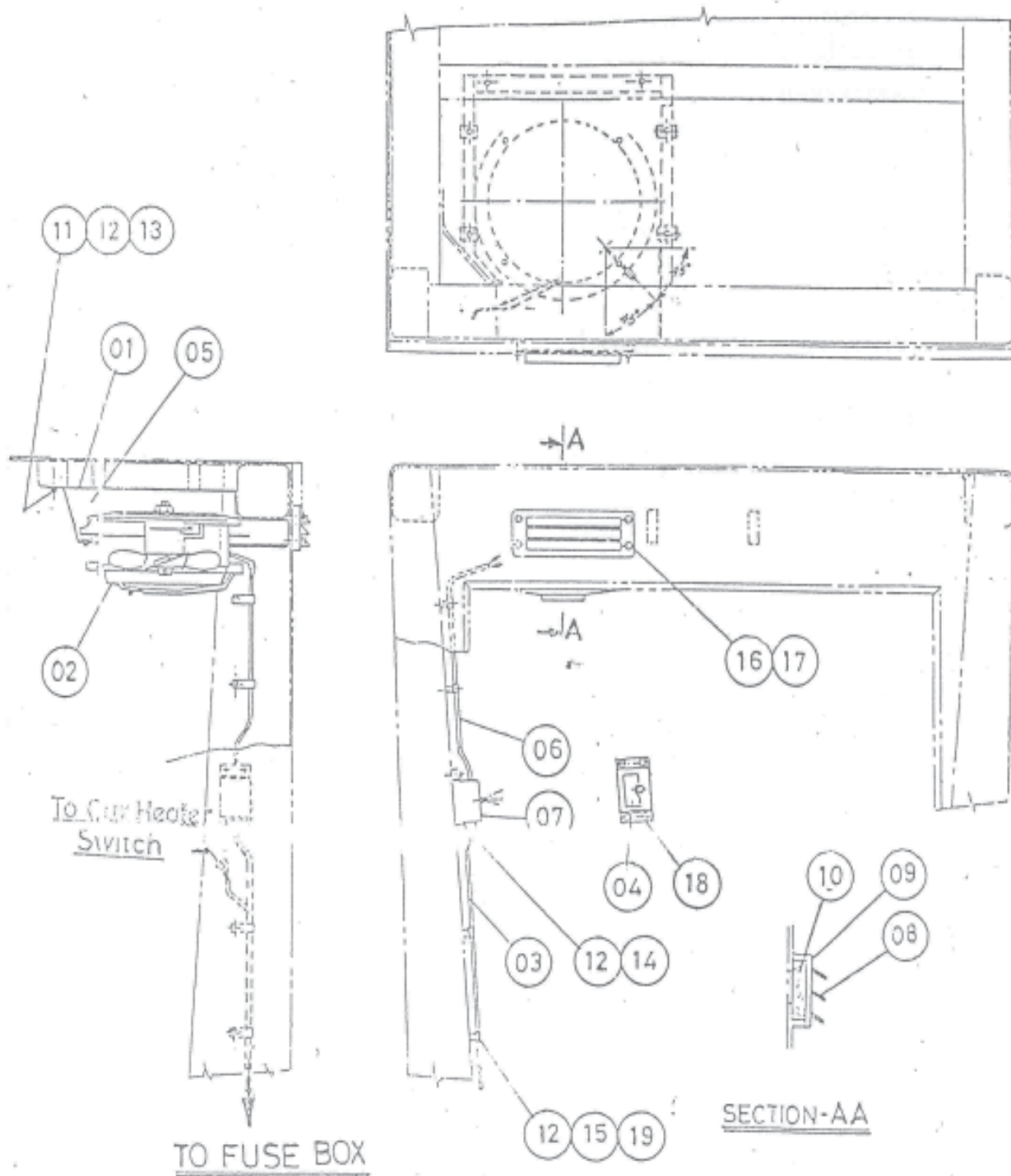
FIG NO.138 ROPS CABIN (4/4)(OPTIONAL)



ROPS CABIN (4/4) (OPTIONAL)**FIG NO.138**

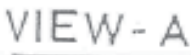
SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	236810030000	WIPER MOTOR ASSY.	1	
02	451-ZZ-11015	TUBE	1	
03	CCC05-08065	CLAMP	10	
04	CFW01-10619	WASHER	10	
05	CFS31-00610	SCREW M6	20	
06	935-AS-02792	WIPER ARM ASSY.	2	
07	502-01-12640	T CONNECTOR	1	
08	950-AS-23231	SLEEVE	4	
09	950-AS-13228	UNION NUT	4	
10	451-ZZ-10992	TUBE	1	
11	451-ZZ-11007	TUBE	1	
12	451-RC-23016	ELBOW	1	
13	280800001370	WALL MOUNTING FAN	1	
14	451-RC-13929	ROOF LAMP	1	
15	690802000130	TAPPING SCREW	4	
17	071602000000	TERMINAL BLOCK 4 WAY	1	
18	CFS15-10412	SLOTTED CH. HEAD SCREW M4 x12	2	

FIG NO.139 VENTILATORASSEMBLY (OPTIONAL)



VENTILATOR ASSEMBLY (OPTIONAL)**FIG NO.139**

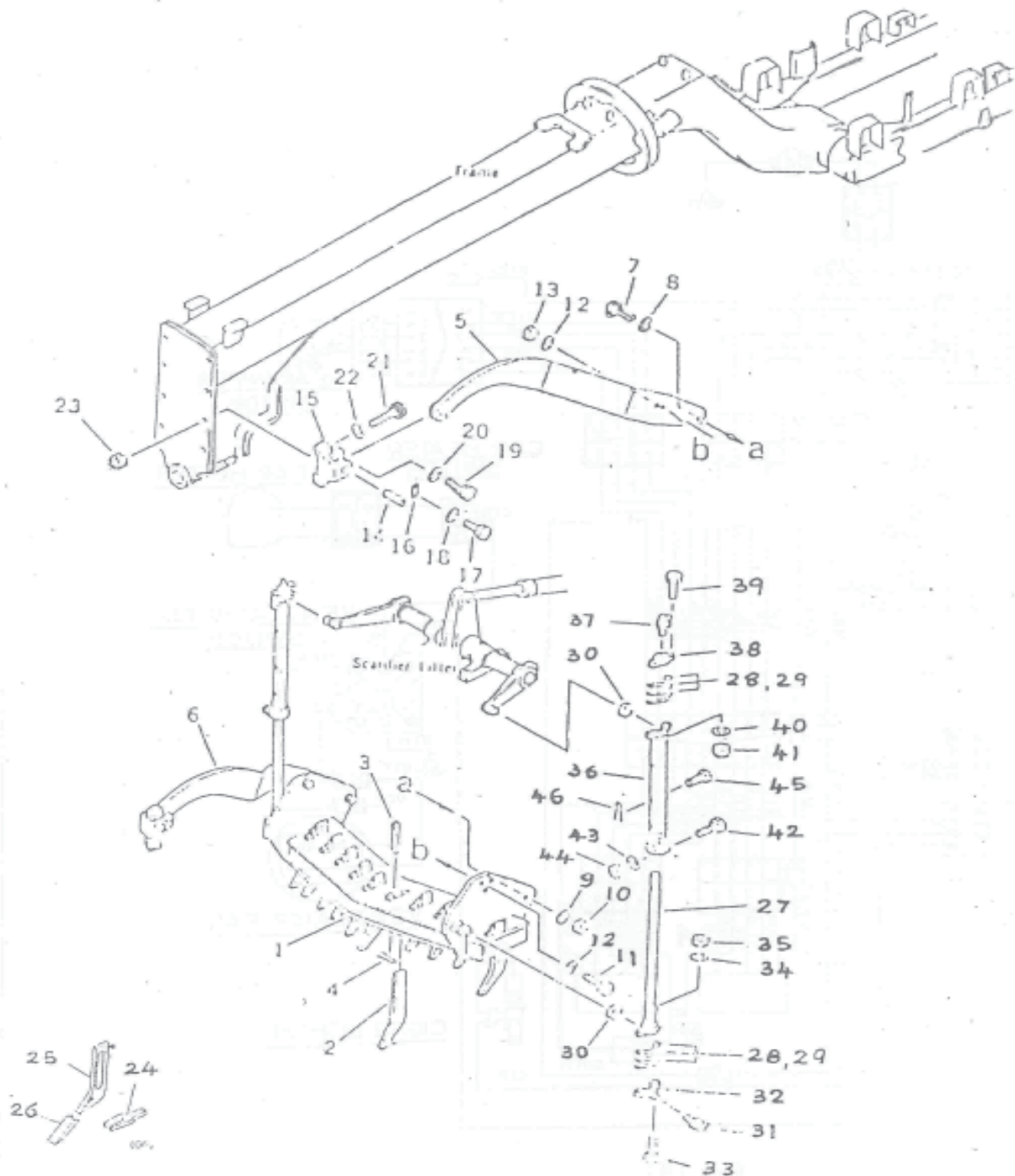
SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-CC-61002	PACKING	1	
02	451-CC-02018	VENTILATOR	1	
03	451-CC-02026	HARNESS	1	
04	451-CC-02034	SWITCH	1	
05	451-CC-02042	BOX	1	
06	451-CC-02059	HARNESS	1	
07	451-CC-02067	SWITCH BOX	1	
08	451-CC-02075	LOUVERS	3	
09	451-CC-02083	FRAME	1	
10	451-CC-02091	FILTER	1	
11	CFW03-10816	WASHER	6	
12	CFW01-10825	WASHER, SPRING	14	
13	CFS01-20816	SCREW	6	
14	CFS01-20820	SCREW	4	
15	CFS01-20812	SCREW	4	
16	CFS01-21016	SCREW	4	
17	CFW01-11030	WASHER, SPRING	4	
18	CGR01-01008	GROMMET	1	
19	CCC06-10814	CLIP	4	



CAR HEATER (OPTIONAL)**FIG NO.140**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	985-AC-02054	CAR HEATER UNIT	1	
02	985-AC-02021	LEVER ASSY.	1	
03	CPW00-06012	SEAT	2	
04	CFW01-11030	SPRING WASHER	4	
05	985-AC-02038	BRACKET	1	
06	CFS01-10820	SCREW	4	
07	CFW01-10825	WASHER	8	
08	CFS01-10825	SCREW	4	
09	CFS01-31025	SCREW	4	
10	CFS02-10610	SCREW	2	
11	CFW01-10619	WASHER, SPRING	2	
12	CFN01-10868	NUT	4	
13	985-AC-02062	DUCT	1	
14	281802000340	FILTER ASSY.	1	
15	THH01-01428	HOSE	1	
16	THH01-01436	HOSE	1	
18	237709160340	JOINT	2	
19	985-AC-02087	CLAMP	8	
21	281802010000	TUBE ASSY.	1	
22	071701002100	CLIP	4	
23	281802000140	CLAMP	3	
24	985-AC-02095	HOSE	2	

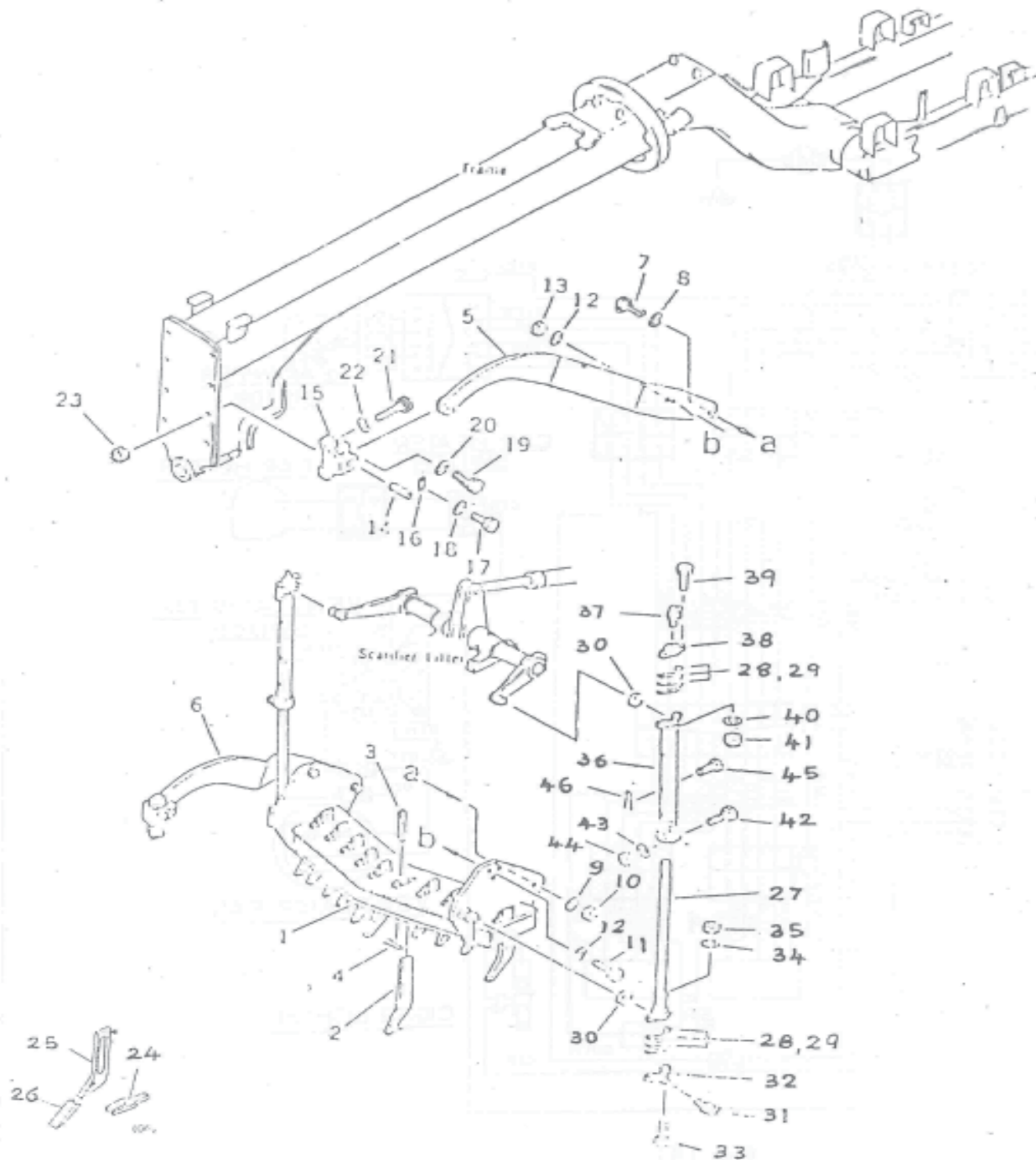
FIG NO.142 SCARIFIER (OPTIONAL)



SCARIFIER (OPTIONAL) (451-SC-01001)**FIG NO.142**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-SC-02006	BODY	1	
02	TST01-00045	TOOTH	11	
03	451-SC-11013	WEDGE	11	
04	CFP01-08050	COTTER PIN	11	
05	451-SC-02014	ROD LH	1	
06	451-SC-02022	ROD RH	1	
07	451-SC-11054	BOLT	2	
08	CFW05-27080	WASHER	2	
09	CFW05-30080	WASHER	2	
10	CFN04-12722	NUT	2	
11	CFB02-22400	BOLT	2	
12	CFW05-24060	WASHER	2	
13	CFN01-22422	NUT	2	
14	TSP01-50160	PIN	2	
15	451-SC-31491	BRACKET	2	
16	TLL01-00212	LOCK	2	
17	CFS01-21225	SCREW	4	
18	CFW01-11236	WASHER SPRING	4	
19	CFB01-21665	BOLT	2	
20	CFW05-16045	WASHER	2	
21	CFB02-22410	BOLT	4	
22	CFW05-24060	WASHER	8	
23	CFN01-22422	NUT	4	
24	451-SC-11087	TOOL	1	
25	451-SC-11062	SHANK	11	
26	451-SC-11079	TOOTH	11	
27	451-SC-02039	ROD	2	
28	CMS02-00705	SHIM	4	
29	CMS02-00702	SHIM	8	
30	CHS13-00070	DUST SEAL	4	
31	CLN01-10675	FITTING GREASE	2	
32	451-SC-02055	CAP	2	
33	CFB01-21665	BOLT	4	
34	CFW01-11648	WASHER SPRING	4	
35	CFN01-21615	NUT	4	

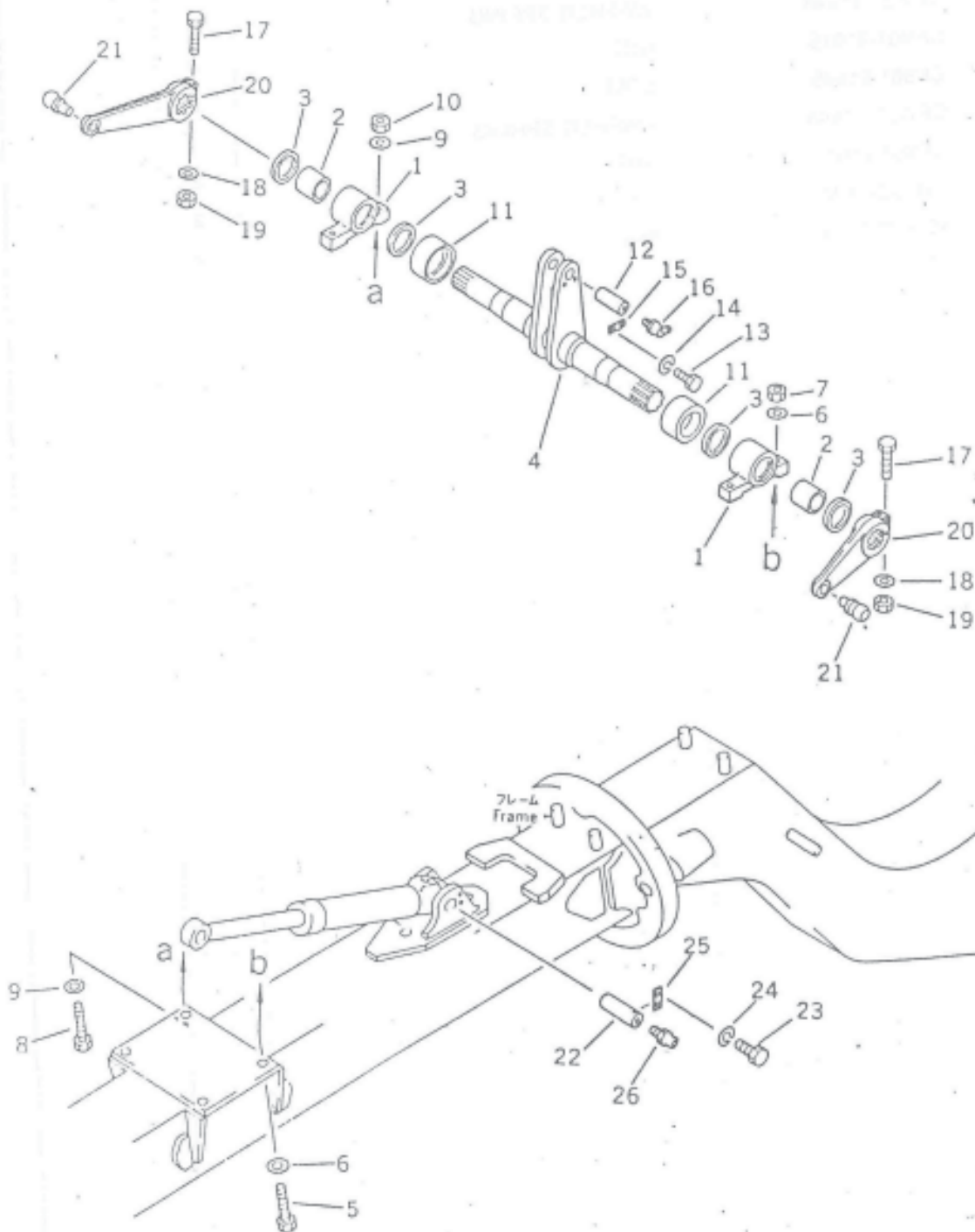
FIG NO.142 SCARIFIER (OPTIONAL)



SCARIFIER (OPTIONAL)**FIG NO.142**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
36	451-SC-02047	PIPE	2	
37	CLN01-10900	FITTING GREASE	2	
38	CCP07-00760	CAP	2	
39	CFB01-21665	BOLT	4	
40	CFW01-11648	WASHER SPRING	4	
41	CFN01-21615	NUT	4	
42	CFB01-21685	BOLT	2	
43	CFW01-11648	WASHER SPRING	2	
44	CFN01-21615	NUT	2	
45	451-SC-11021	PIN	2	
46	451-SC-11038	PIN	2	

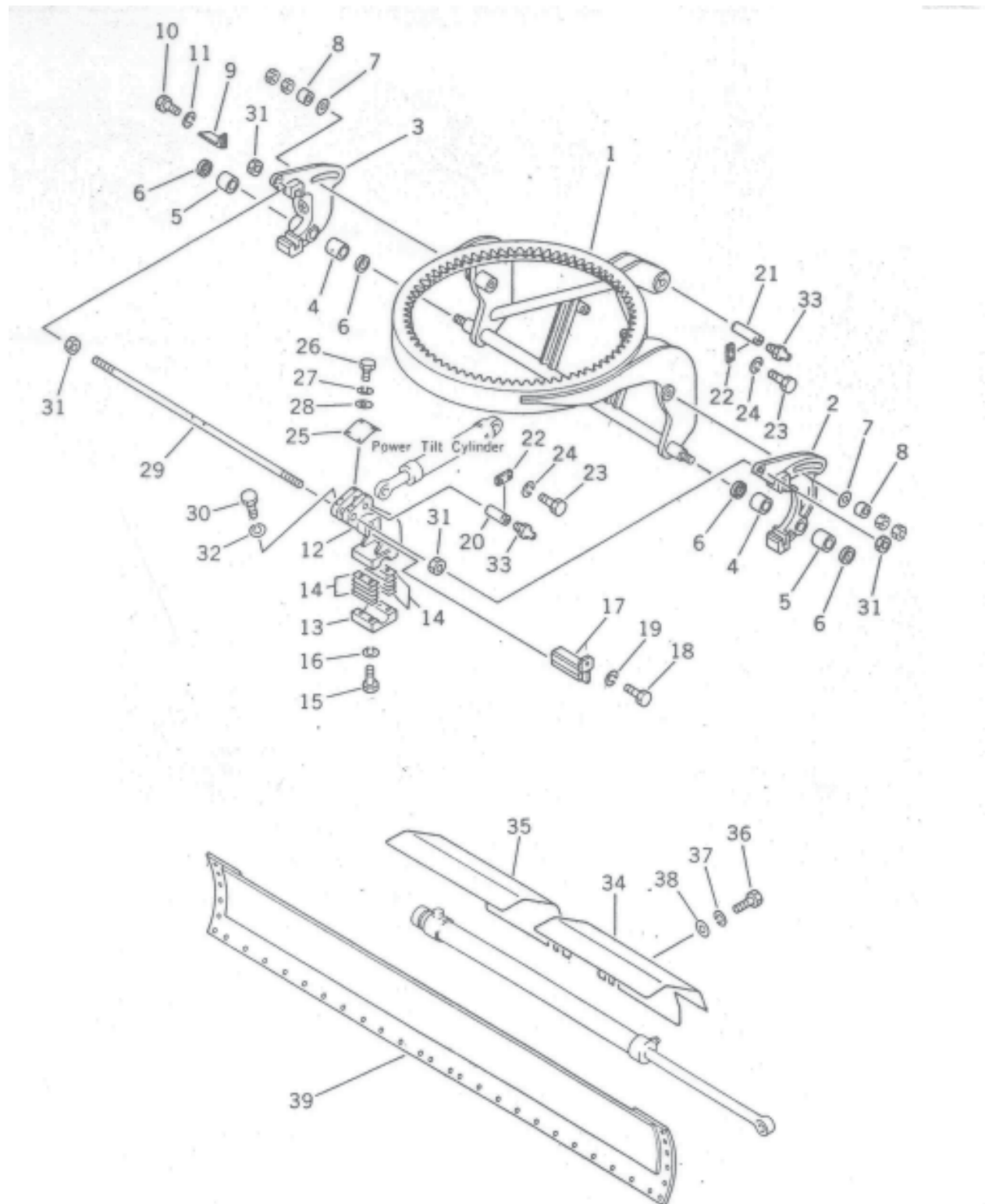
FIG NO.143 SCARIFIER LIFTER (OPTIONAL)



SCARIFIER LIFTER (OPTIONAL)**FIG NO.143**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-SC-11095	SUPPORT	2	
02	451-SC-02088	BUSHING	2	
03	CSD01-00090	DUST SEAL	4	
04	451-SC-02071	SHAFT	1	
05	CFB44-22005	BOLT	2	
06	CFW05-20060	WASHER	4	
07	CFN19-32016	NUT	2	
08	CFB02-22010	BOLT	2	
09	CFW05-20060	WASHER	4	
10	CFN01-22018	NUT	2	
11	451-SC-11102	COLLAR	2	
12	451-SC-11046	PIN	1	
13	CFS01-21225	SCREW	2	
14	CFW01-11236	WASHER SPRING	2	
15	TLL01-00212	LOCK	1	
16	CFS01-10675	FITTING GREASE	1	
17	CFB02-21610	BOLT	4	
18	CFW05-16045	WASHER	4	
19	CFN01-21615	NUT	4	
20	451-SC-02096	ARM	1	
21	451-SC-11265	BALL STUD	1	
22	451-SC-11046	PIN	1	
23	CFS01-21225	BOLT	2	
24	CFW01-11236	WASHER SPRING	2	
25	TLL01-00212	LOCK	1	
26	CLN01-10000	FITTING GREASE	1	

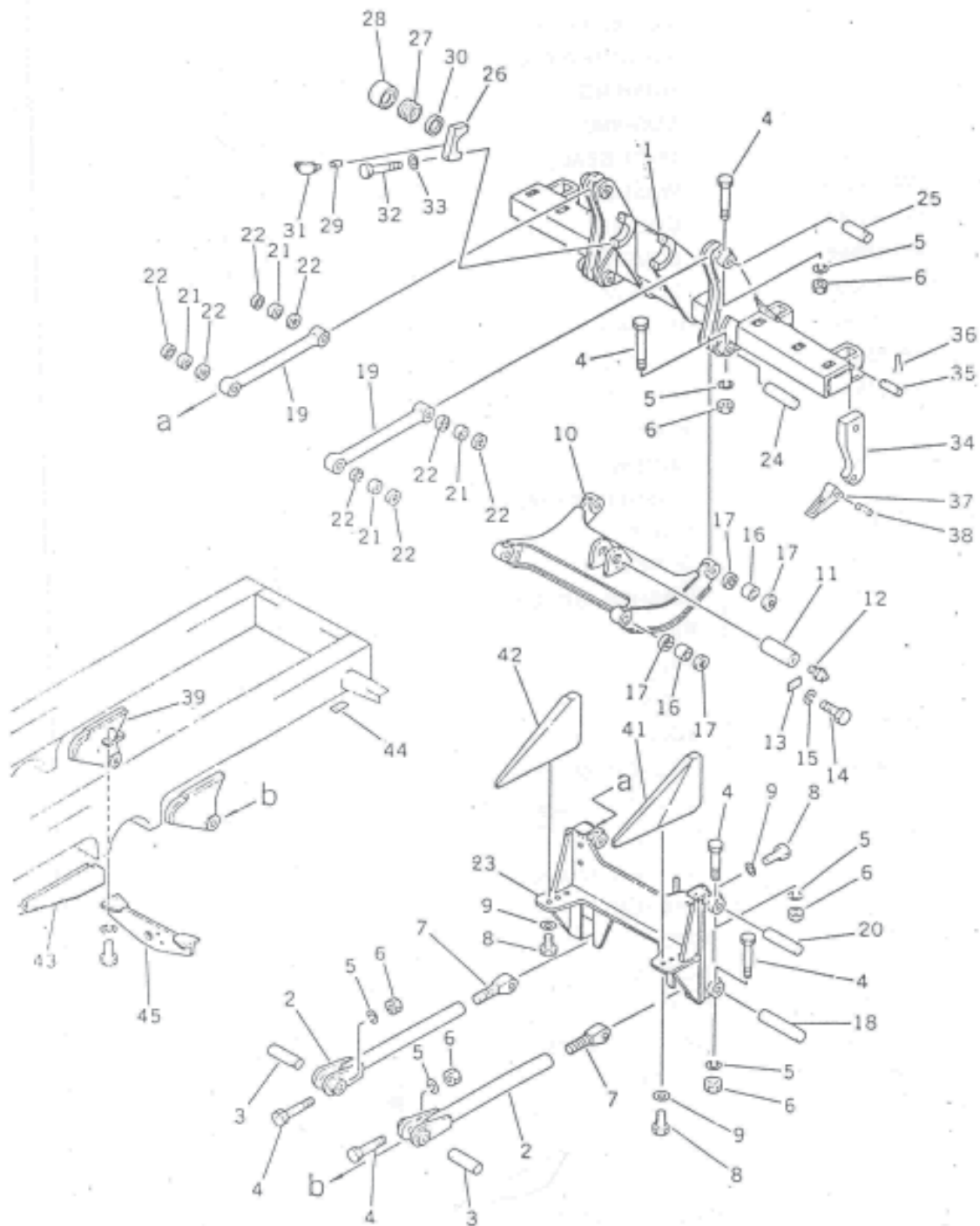
FIG NO.144 SUPPORT FOR POWER TILT BLADE (OPTIONAL)



SUPPORT FOR POWER TILT BLADE (OPTIONAL)**FIG NO.144**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-WA-02616	SUPPORT	1	
02	451-WA-43505	ADJUSTER LH.	1	
03	451-WA-02632	ADJUSTER RH.	1	
04	451-WA-13521	BUSHING	1	
05	451-WA-13535	BUSHING	1	
06	CSD01-00055	DUST SEAL	1	
07	451-WA-13543	WASHER	1	
08	451-WA-13551	COLLAR	1	
09	451-WA-13568	COVER	1	
10	CFS01-21020	SCREW	1	
11	CFW01-11230	WASHER, SPRING	1	
12	451-WA-53574	BRACKET	1	
13	451-WA-43587	BRACKET	1	
14	451-WA-13592	SHIM	1	
15	CFB01-21250	SCREW	1	
16	CFW01-11236	WASHER, SPRING	1	
17	451-WA-43602	GUIDE	1	
18	CFB07-21435	SCREW	1	
19	CFW01-11442	WASHER, SPRING	1	
20	451-WA-13713	PIN	1	
21	451-WA-63738	PIN	1	
22	TLL01-00212	LOCK	1	
23	CFS01-31225	BOLT	1	
24	CFW01-11236	WASHER, SPRING	1	
25	451-WA-13803	COVER	1	
26	CFS01-20612	SCREW	1	
27	CFW01-10619	WASHER, SPRING	1	
28	CFW05-06023	WASHER	1	
29	451-WA-13632	ROD	1	
30	CFS01-31230	SCREW	1	
31	CFN01-23629	NUT	1	
32	CFW01-11236	WASHER, SPRING	1	
33	CLN01-10000	FITTING	1	
34	451-WA-43643	COVER LH	1	
35	451-WA-43651	COVER RH	1	
36	CFS01-31225	BOLT	1	
37	CFW01-11236	WASHER, SPRING	1	
38	CFW05-12032	WASHER	1	
39	451-WA-02624	BLADE	1	

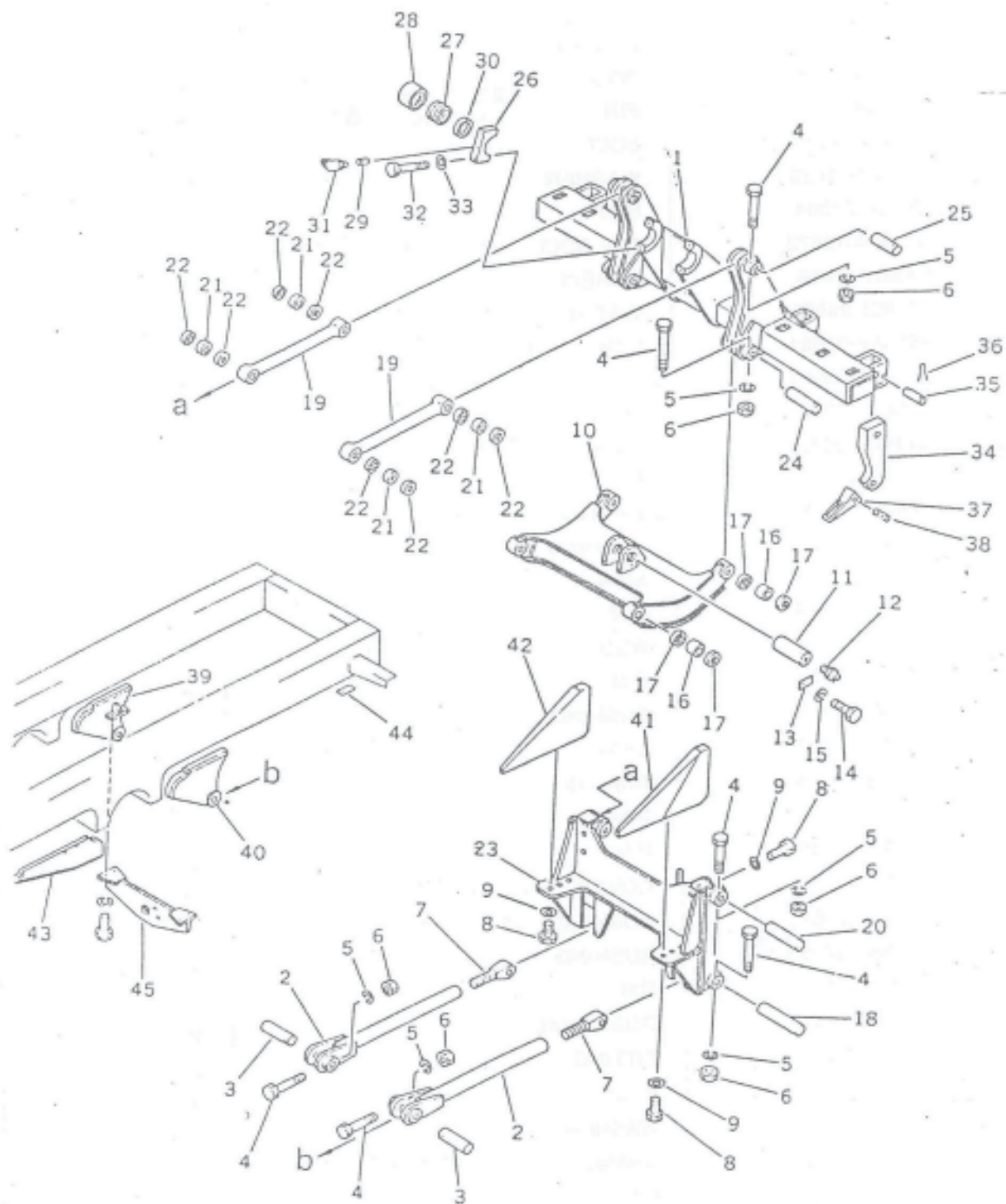
FIG NO.145 RIPPER SHANK BEAM & LINK (OPTIONAL)



RIPPER SHANK BEAM & LINK (OPTIONAL)**FIG NO.145**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-WA-02632	BRACKET	2	
02	451-WA-02649	ROD	2	
03	451-WA-13665	PIN	2	
04	CFS01-21005	BOLT	10	
05	CFW01-11030	WASHER	10	
06	CFN01-21084	NUT	10	
07	451-WA-13673	EYE BOLT	2	
08	CFS01-32460	SCREW	10	
09	CFW05-24060	WASHER	1	
10	451-WA-02681	LINK	1	
11	451-WA-02681	LINK	1	
12	CLN01-10000	FITTING	1	
13	TLL01-00212	LOCK	2	
14	CFS01-31225	BOLT	2	
15	CFW01-11236	WASHER	4	
16	451-WA-13811	BUSHING	6	
17	451-WA-63738	SEAL	2	
18	451-WA-13828	PIN	2	
19	451-WA-02698	ROD	2	
20	451-WA-13713	PIN	4	
21	451-WA-13721	BUSHING	6	
22	451-WA-63738	SEAL	1	
23	451-WA-02673	BRACKET	2	
24	451-WA-13665	PIN	2	
25	451-WA-13746	PIN	2	
26	451-WA-43754	COVER	2	
27	451-WA-13762	BUSHING	2	
28	451-WA-13779	BUSHING	2	
29	CFP13-10020	PIN	2	
30	CSD01-00060	DUST SEAL	2	
31	CLN01-10090	FITTING	2	
32	CFB01-20685	BOLT	4	
33	CFW05-16045	WASHER	4	
34	451-WA-53833	SHANK	3	
35	451-WA-13787	PIN	6	
36	CFP01-10170	PIN	3	

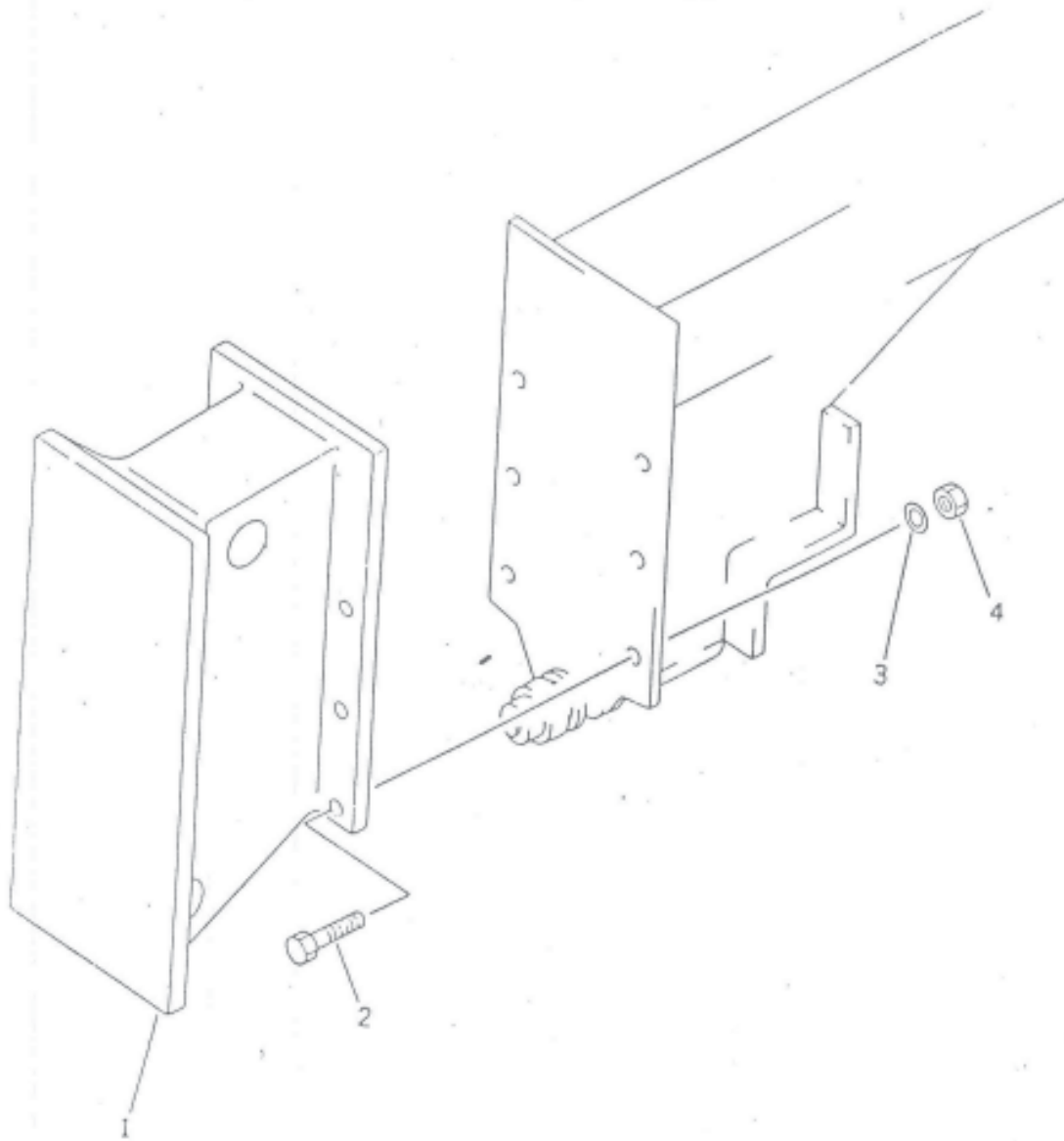
FIG NO.145 RIPPER SHANK BEAM & LINK (OPTIONAL)



RIPPER SHANK BEAM & LINK (OPTIONAL)**FIG NO. 145**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
37	451-WA-13795	PIN	3	
38	451-WA-02705	PIN	1	
39	451-WA-02665	PLATE RH.	1	
40	451-WA-02673	PLATE LH.	1	
41	451-WA-13681	PLATE LH.	1	
42	451-WA-13705	PLATE RH.	1	
43	451-WA-02738	BRACKET	2	
44	451-WA-02713	SEAT	2	
45	451-WA-02721	HANGER	2	

FIG NO. 146 PUSHER (OPTIONAL)

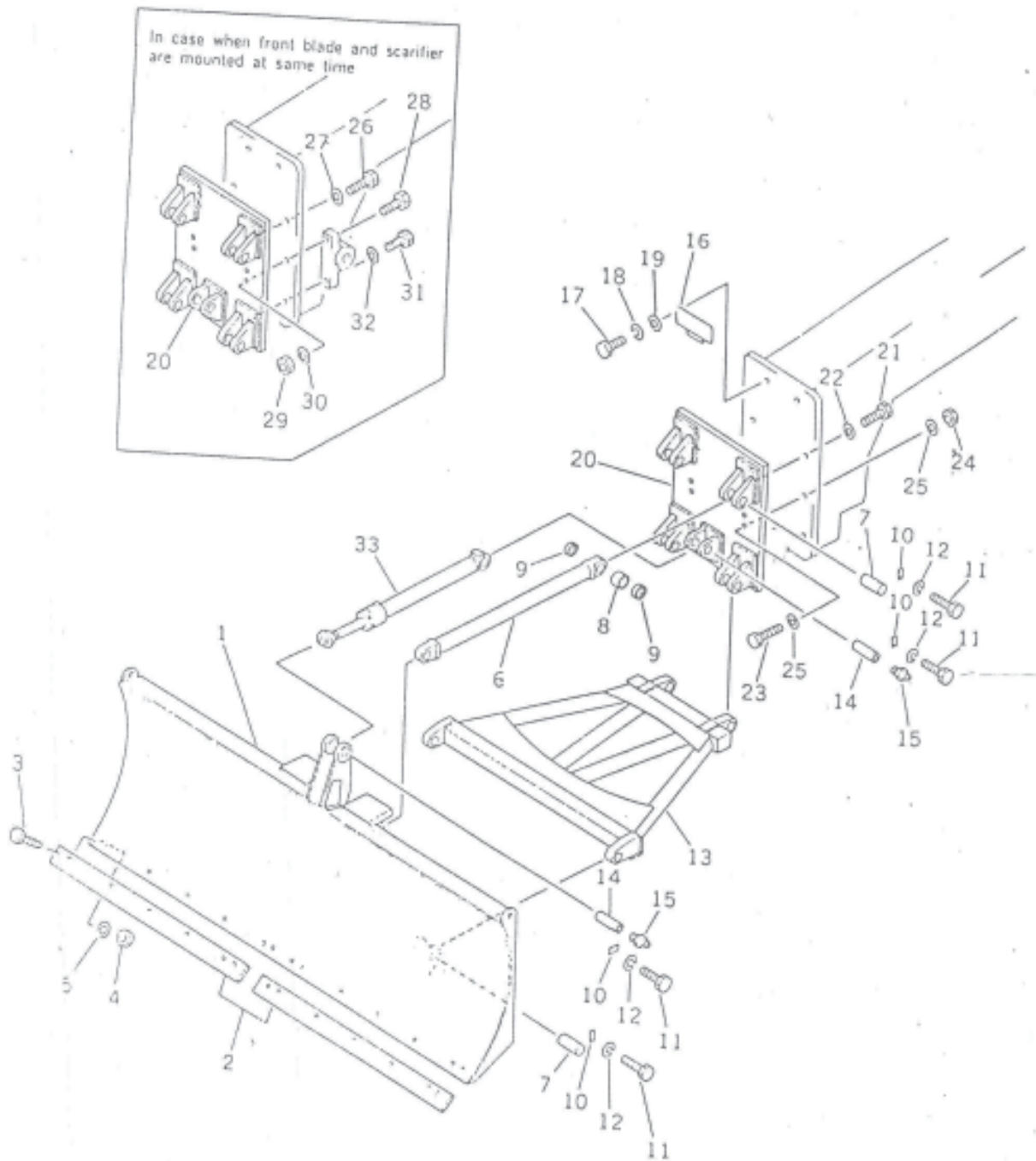


PUSHER (OPTIONAL)

FIG NO.146

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-PP-41013	PUSH PLATE	1	
02	CFB02-22400	BOLT	6	
03	CFW05-24060	WASHER	12	
04	CFN01-22422	NUT	1	

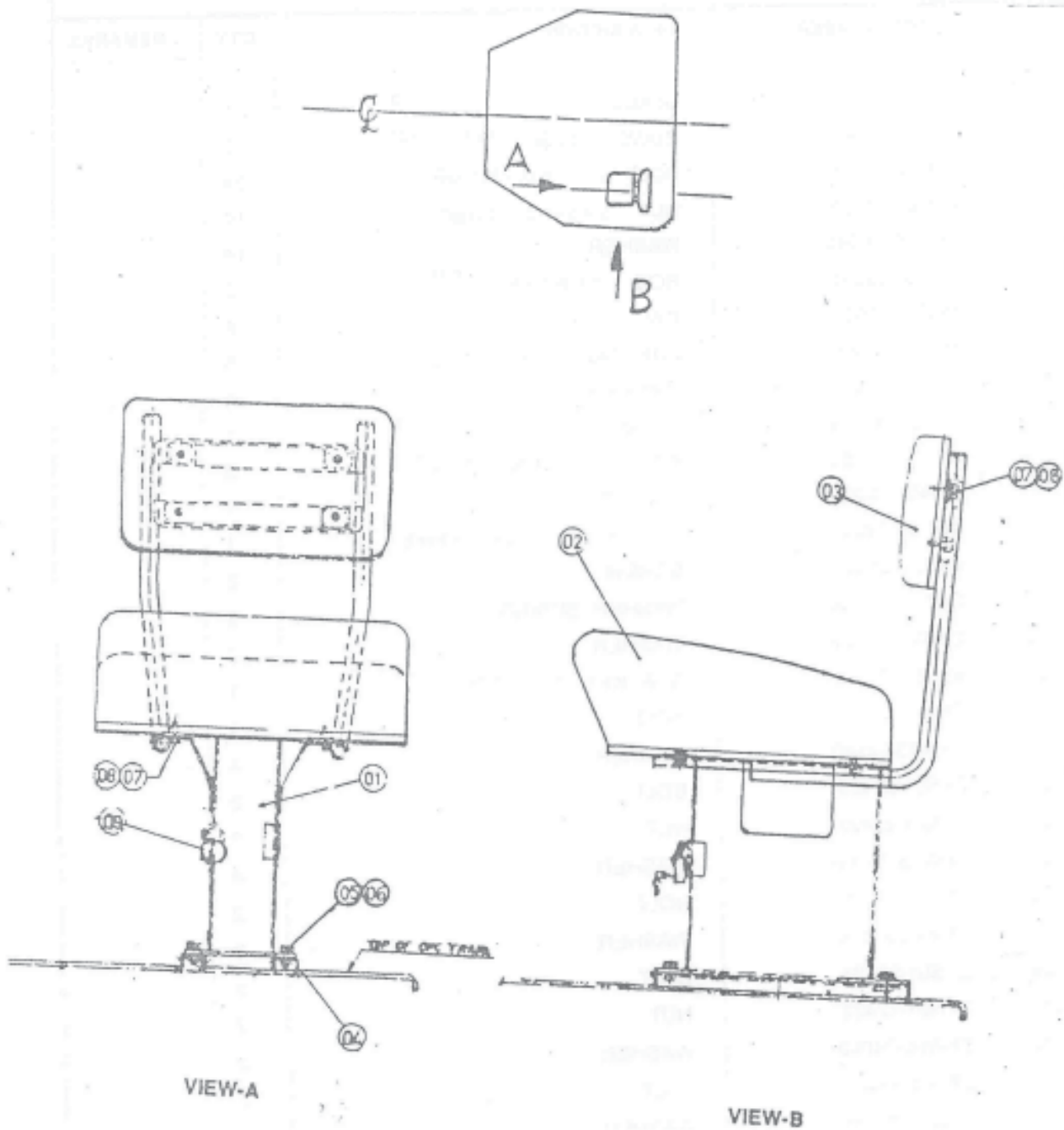
FIG NO.147 FRONT BLADE (OPTIONAL)



FRONT BLADE (OPTIONAL)**FIG NO.147**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-BL-02008	BLADE	1	
02	451-BL-11007	EDGE	2	
03	451-BL-11015	BOLT	14	
04	451-BL-11023	NUT	14	
05	CFW05-16045	WASHER	14	
06	451-BL-02016	ROD	2	
07	451-BL-11031	PIN	8	
08	451-BL-11048	BUSHING	8	
09	451-BL-61058	SEAL	16	
10	TLL01-00212	LOCK	10	
11	CFS01-31230	SCREW	20	
12	CFW01-11236	WASHER	20	
13	451-BL-02024	FRAME	1	
14	451-BL-11064	PIN	2	
15	CLN01-10000	FITTING	2	
16	451-BL-02032	COVER	1	
17	CFS01-31225	SCREW	2	
18	CFW01-11236	WASHER, SPRING	2	
19	CFW05-12032	WASHER	2	
20	451-BL-02049	BRACKET	1	
21	CFS01-32455	BOLT	4	
22	CFW05-24060	WASHER	4	
23	CFS01-32485	BOLT	2	
24	CFN01-22422	NUT	2	
25	CFW05-24060	WASHER	4	
26	CFS01-32455	BOLT	2	
27	CFW05-24060	WASHER	2	
28	CFS01-32435	BOLT	2	
29	CFN01-22422	NUT	2	
30	CFW05-24060	WASHER	2	
31	CFS01-32405	BOLT	2	
32	CFW05-32460	WASHER	2	
33	451-HC-01136	CYLINDER	1	

FIG NO.148 INSTALLATION & ASSY OF AUXILLARY SEAT

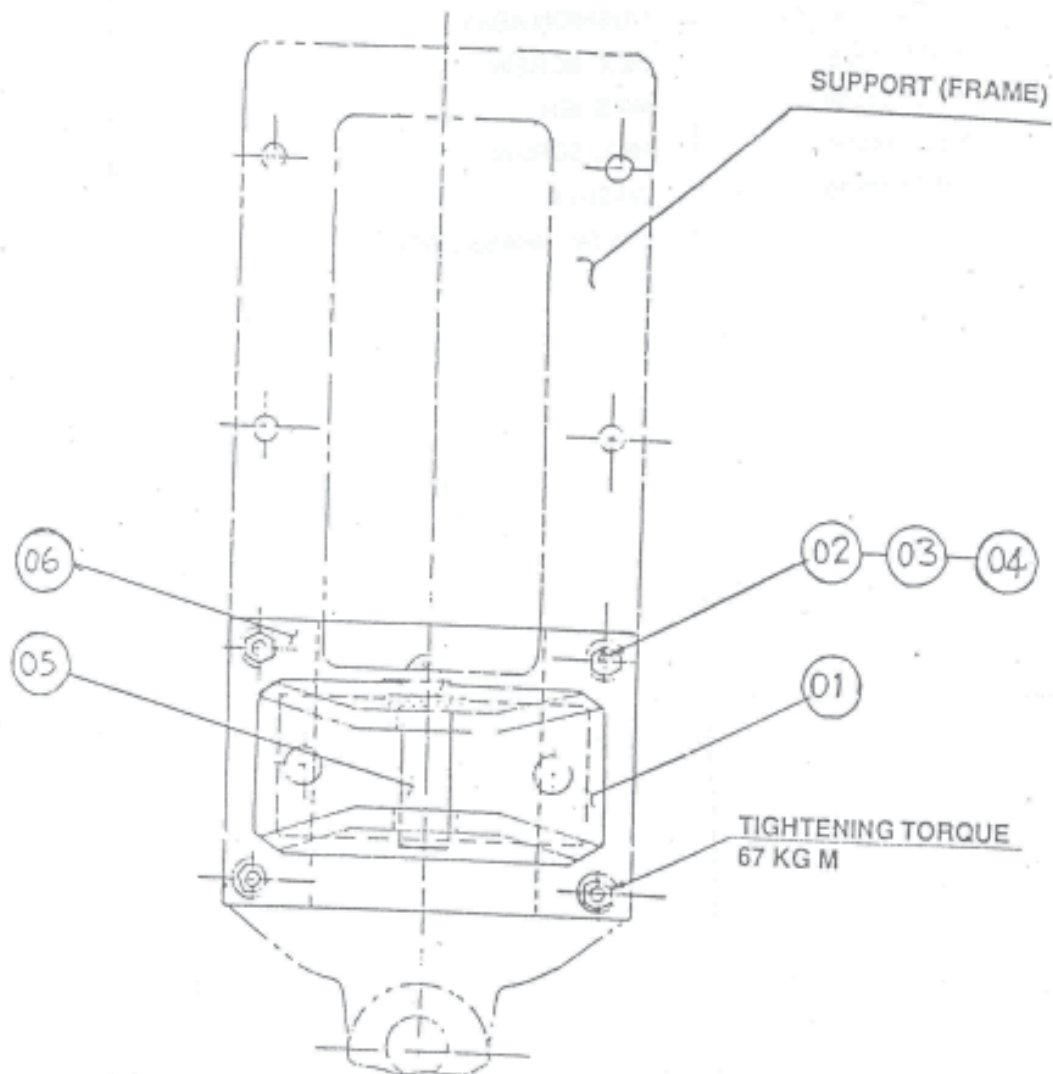


INSTALLATION & ASSY OF AUXILLARY SEAT

FIG NO.148

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-OS-02253	FRAME ASSY.	1	
02	451-OS-02261	CUSHION ASSY.	1	
03	451-OS-02278	CUSHION ASSY.	1	
04	451-OS-02286	CUSHION ASSY.	1	
05	CFS01-31225	HEX. SCREW	4	
06	CFW01-11236	WASHER	4	
07	CFS01-10616	HEX. SCREW	8	
08	CFW03-10616	WASHER	8	

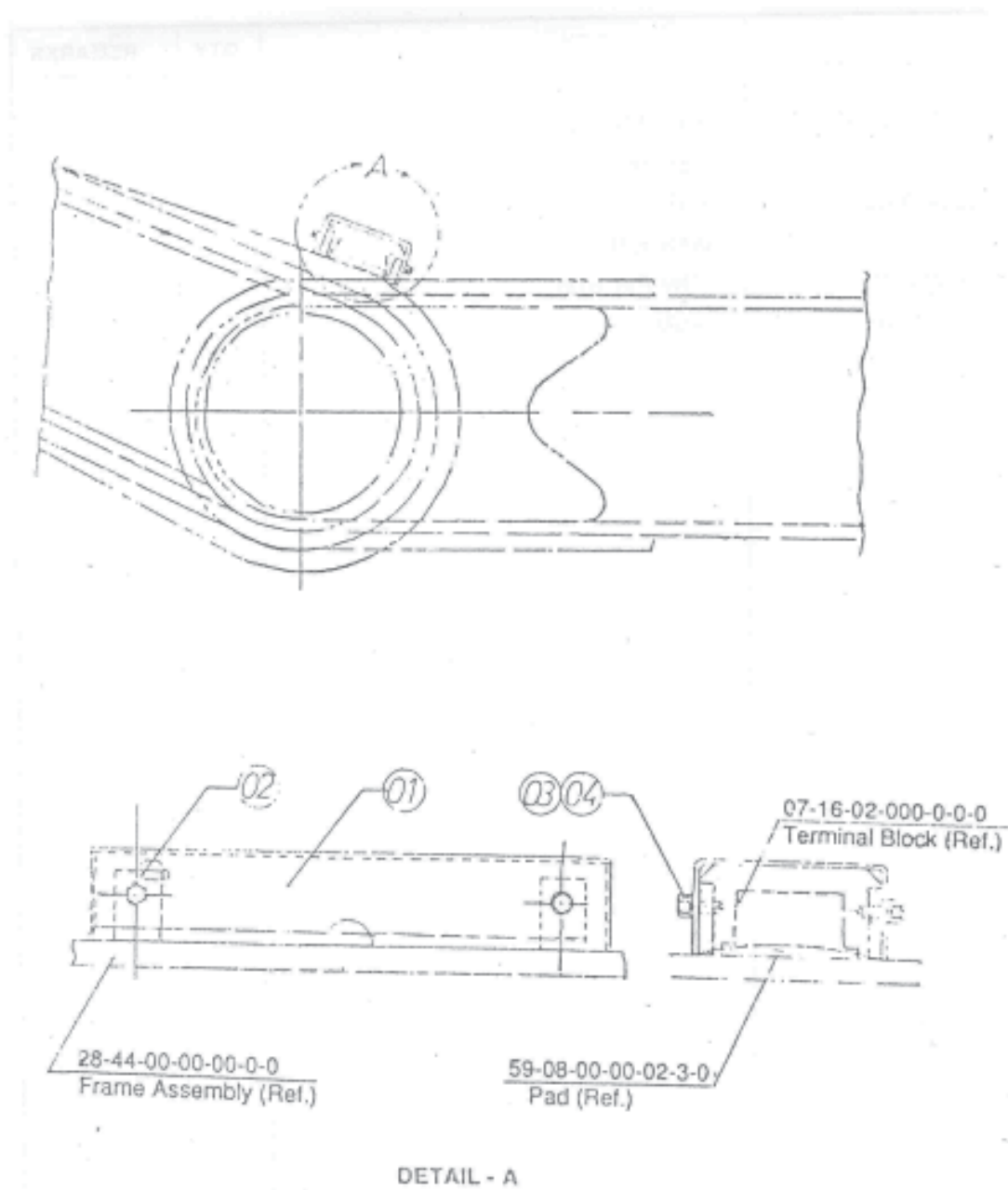
FIG NO.149 TOW HITCH INSTALLATION (OPTIONAL)



TOW HITCH INSTALLATION (OPTIONAL)**FIG NO.149**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	649000038100	HITCH STRUCTURE	1	
02	CFS01-32470	HEX. BOLT	4	
03	CFN01-22422	NUT	4	
04	CFW01-12472	WASHER	4	
05	564300340001	TOW PIN STR	1	
06	649000040100	SHIM	4	

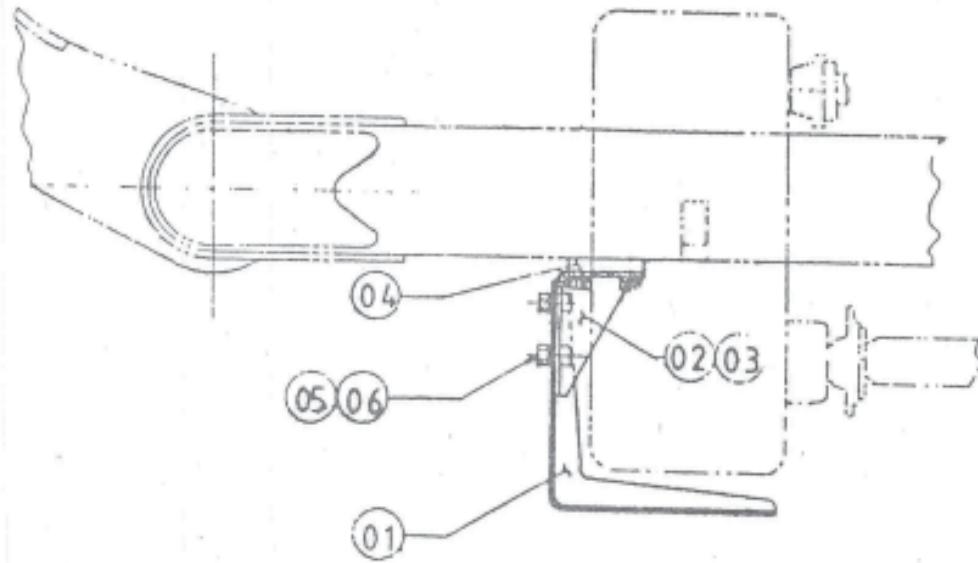
FIG NO. 150 COVER INSTALLATION (OPTIONAL)



COVER INSTALLATION (OPTIONAL)**FIG NO.150**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	284307010000	COVER ASSY.	1	
02	284307000130	TAPPED PAD	4	
03	CFS01-20612	HEX. SCREW	4	
04	CFW01-10619	WASHER	4	

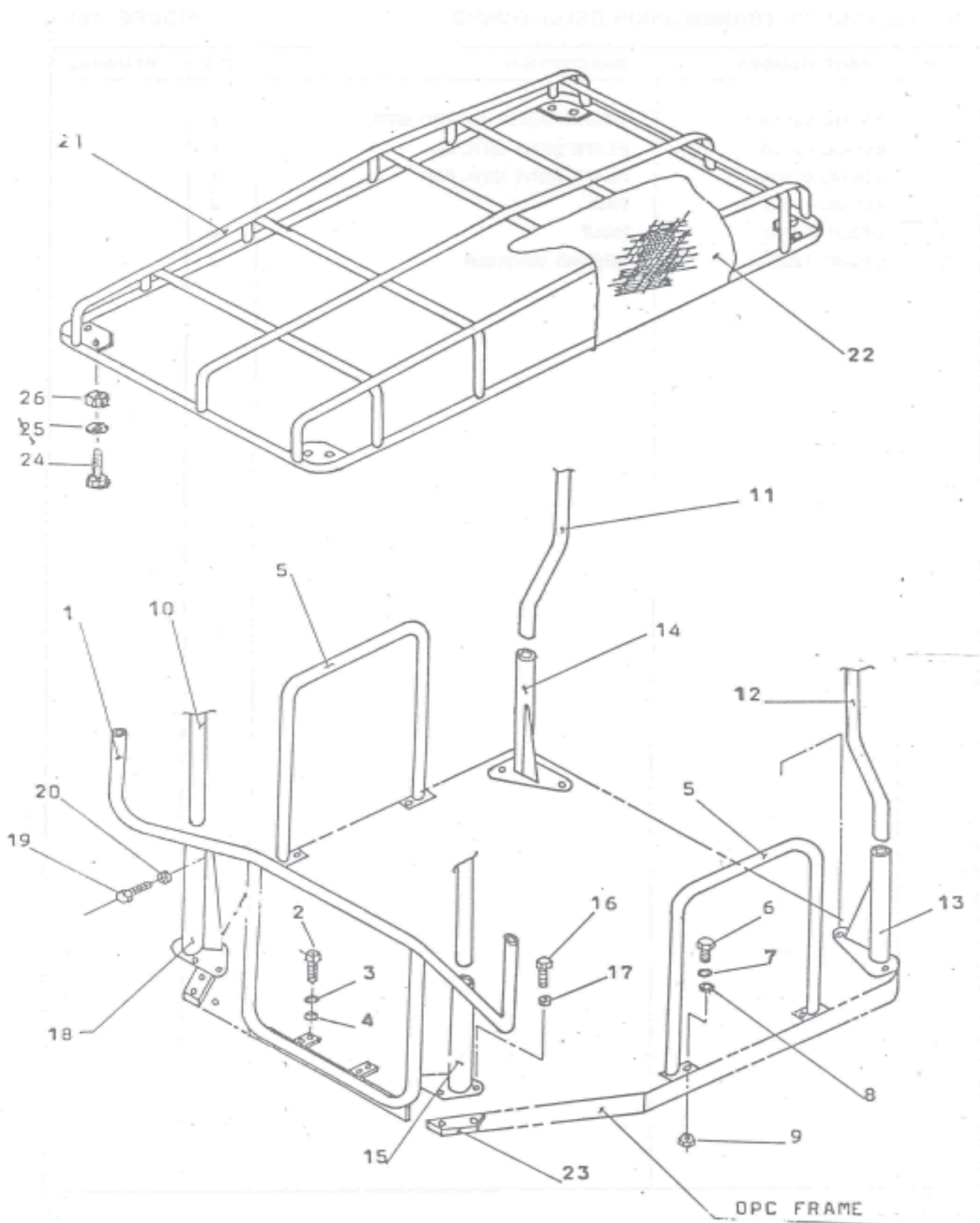
FIG NO.151 INSTALLATION OF TRANSMISSION BELLY GUARD



INSTALLATION OF TRANSMISSION BELLY GUARD**FIG NO.151**

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-UC-02018	TRANS. BELLY GAURD STR.	1	
02	451-UC-02026	PLATE BENT STR. LH	1	
03	451-UC-02034	PLATE BENT STR. RH	1	
04	451-UC-11066	PAD	2	
05	CFS01-32040	BOLT	8	
06	CFW01-12060	SPRING WASHER	8	

FIG NO.152 CANOPY



CANOPY

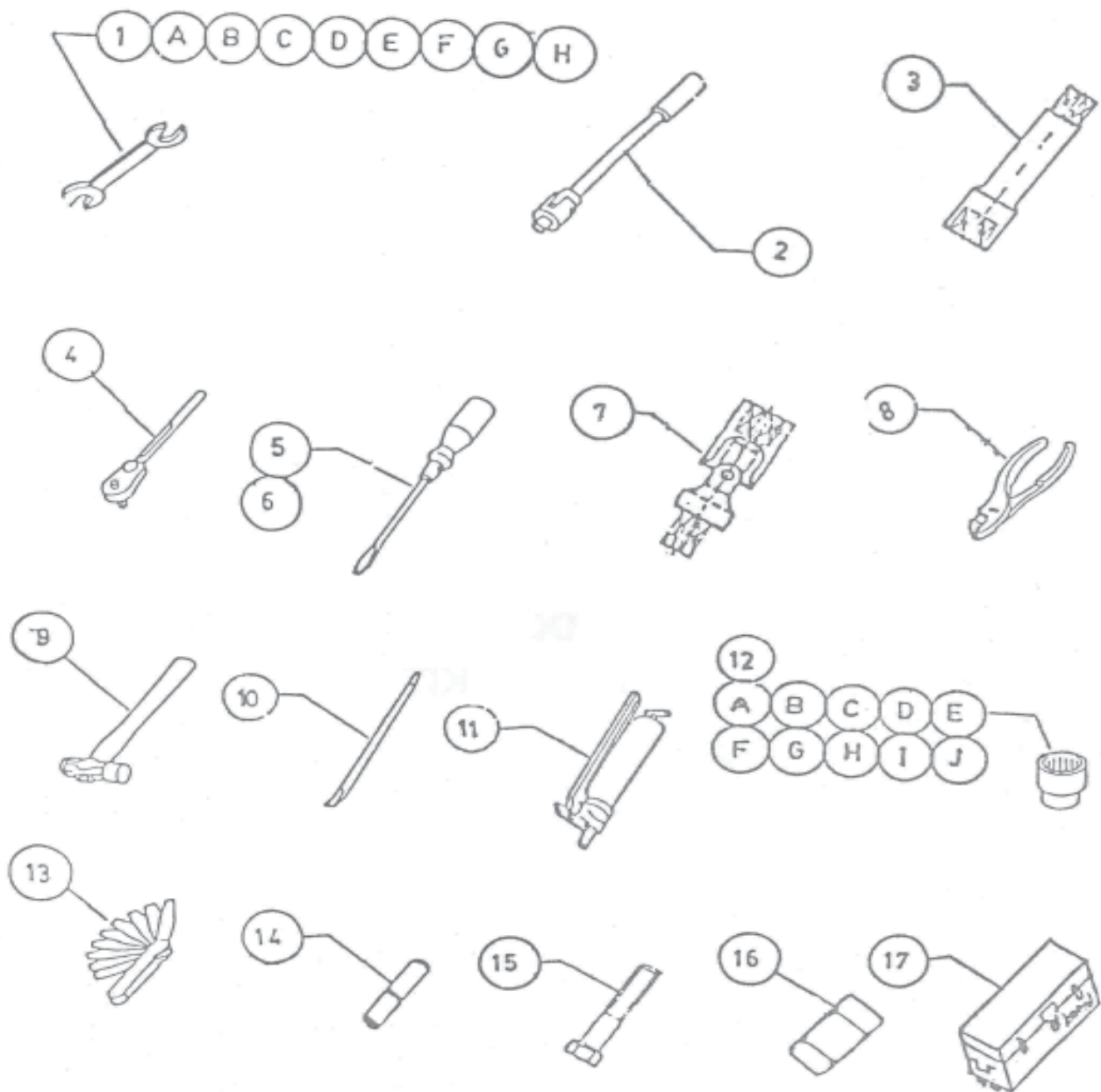
FIG NO. 152

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-CY-02012	GUARD FRONT	1	
02	CFS01-21230	SCREW MEX. M12x30	4	
03	CFW01-11236	SPRING WASHER M12	4	
04	CFW02-11225	PUNCHED WASHER	4	
05	451-CY-02029	GUARD REAR	2	
06	CFS01-21235	HEX. SCREW M12 x 35	4	
07	CFW01-11236	SPRING WASHER M12	4	
08	CFW02-11425	PUNCHED WASHER M14	4	
09	CFN01-21211	NUT M12	4	
10	451-CY-02037	TUBE ASSY. FRONT	2	
11	451-CY-02045	TUBE ASSY. REAR RH	1	
12	451-CY-02078	TUBE ASSY. REAR LH	1	
13	451-CY-02086	BRACKET ASSY. REAR LH.	1	
14	451-CY-02094	BRACKET ASSY. REAR RH.	1	
15	451-CY-02101	BRACKET ASSY. FRONT LH	1	
16	CFS01-21235	HEX. SCREW M12 x 35	12	
17	CFW01-11236	SPRING WASHER M12	12	
18	451-CY-02118	BRACKET ASSY. FORNT RH.	1	
19	CFS01-21235	HEX SCREW M12 x 35	8	
20	CFN01-21211	NUT M12	8	
21	451-CY-02053	TOP FRAME ASSY.	1	
22	451-CY-02061	TARPAULIN ASSY.	1	
23	451-CY-11011	MOUNTING PAD	2	
24	CFS01-21035	HEX. BOLT M10 x 35	8	
25	CFW01-11030	SPRING WASHER M10	8	
26	CFN01-21084	HEX. NUT M10	8	

IX

TOOL & KIT

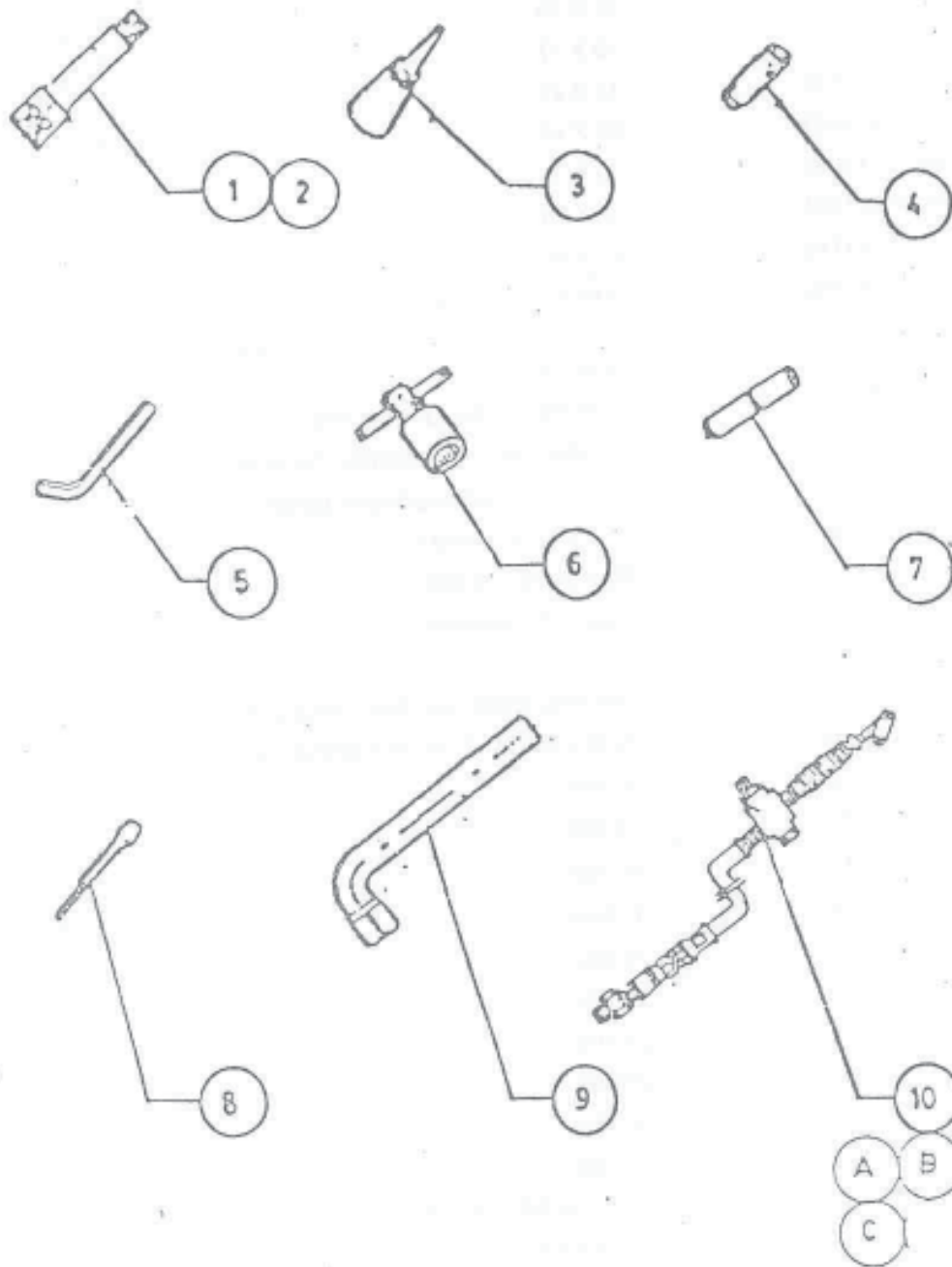
FIG NO.153 TOOLS



TOOLS
FIG NO.153

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-TI-02008	DOUBLE ENDED OPEN JAW SPANNERS		
01a	451-TI-11048	SPANNER 8 x 10	1	
01b	451-TI-11056	12x 14	1	
01c	451-TI-11064	13x 17	1	
01d	451-TI-11072	SPANNER 19x 22	1	
01e	451-TI-11081	SPANNER 24x 27	1	
01f	451-TI-11097	SPANNER 30x 32	1	
01g	451-TI-11104	SPANNER 32x 36	1	
01h	451-TI-11194	SOCKET 27 mm	1	
01h	451-TI-11112	SPANNER 41x 46	1	
01i	451-TI-11202	SOCKET 30 mm	1	
02	451-TI-11283	SWIVEL HANDLE	1	
03	451-TI-11275	EXTN BAR 1/2" SQ DRIVE 250mm	1	
04	451-TI-11234	NON REVERSIBLE RATCHET	1	
05	451-TI-11023	ENGINE PATTERN SCREW DRIVER	1	
06	451-TI-11032	ENGINE PATTERN SCREW DRIVER	1	
07	451-TI-11259	UNIVERSAL JOINT	1	
08	451-TI-11226	SLIP JOINT PLIER	1	
09	451-TI-11242	BALL PEIN HAMMER	1	
10	985-TI-11128	BAR	1	
11	985-TI-11111	GREASE GUN, SUITABLE NOZZLE	1	
12	451-TI-02016	BIHEX SOCKET 1/2"Sq. DRIVE AS A SET	1	
12a	451-TI-11129	SOCKET 10 mm	1	
12b	451-TI-11137	13 mm	1	
12c	451-TI-11145	SOCKET 14 mm	1	
12d	451-TI-11153	SOCKET 17 mm	1	
12e	451-TI-11161	SOCKET 19 mm	1	
12f	451-TI-11178	SOCKET 22 mm	1	
12g	451-TI-11186	24 mm	1	
12j	451-TI-11218	32 mm	1	
13	985-TI-11103	THICKNESS GAUGE	1	
14	451-WA-12911	SHEAR PIN	4	
15	CFB02-12430	BOLT M24 x 130	1	
16	CFN01-12422	NUT M24	1	
17	985-TI-01002	TOOL BOX	1	

FIG NO.153A TOOLS ADDITIONAL FOR E IN C EQUIPMENT



TOOLS ADDITIONAL FOR E IN C EQUIPMENT
FIG NO.153A

SL NO.	PART NUMBER	DESCRIPTION	QTY	REMARKS
01	451-TI-11275	EXTN. BOX 1/2" Sq. DRIVE	1	
02	451-TI-11007	EXTN. BAR 1/2" Sq. DRIVE	1	
03	451-TI-11015	OIL CAN	1	
04	451-TI-11267	BOX SPANNER	1	
05	451-TI-11291	HEX. WRENCH KEY 5/8"	1	
06	451-TI-11307	SOCKET	1	
07	451-WA-12911	SHEAR PIN	4	
08	451-TI-11323	HYDRO METER	1	
09	985-TI-11396	L HANDLE	1	
10	451-TI-02057	TYRE INFLATION KIT CONSISTS	1	
A	451-TI-03012	HOSE ASSY.	1	
B	935-TI-11782	ADAPTER	1	
C	935-TI-03009	TYRE INFLATOR	1	

X
NUMERICAL INDEX

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
071602000000	138	17	236801001440	055	20	451 EG 02705	014	37
071701002100	140	22	236810030000	138	01	451 EG 02705	015	19
071703014010	138	03	237709160340	140	18	451 EG 02713	014	04
072501300010	015	18	23B-16-11310	038	12	451 EG 02713	016	02
07261-22616	006A	46	23B-16-11310	102	15	451 EG 02738	014	29
08074-40000	015	07	281802000140	140	23	451 EG 02746	016	01
08086-20000	011	02	281802000340	140	14	451 EG 02787	014	32
08088-20000	015	35	281802010000	140	21	451 EG 02795	015	40
110-HC-02083	099	04	284300003240	002	01	451 EG 02835	015	45
110-HC-91168	086	11	284300003340	002	02	451 EG 02843	014	01
110-HC-91168	096	05	284300003430	002	03	451 EG 02843	015	14
110-HC-91168	098	09	284300003540	002	04	451 EG 02851	014	02
110-HC-91168	083	11	284300003630	002	05	451 EG 02851	015	17
110-HC-91168	092	10	284300003940	080	29	451 EG 02868	014	03
110-HC-91168	095	10	284307000130	150	02	451 EG 02876	015	46
113-CV-11419	035	25	284307010000	150	01	451 EG 02876	016	14
113-TM-03017	025	16	286800100000	056	43	451 EG 02892	016	07
113-TM-11109	026	02	286800190000	055	32	451 EG 03029	010	09
113-TM-11393	025	15	336800004740	055	25	451 EG 03037	016	11
113-TM-12316	033	17	375-HM-03009	037	01	451 EG 03045	015	01
113-TM-12608	036	27	375-HM-03025	037	03	451 EG 03045	016	24
113-TM-41403	025	09	375-HM-11109	037	13	451 EG 03053	014	28
125-CV-11194	033	11	375-HM-11109	100	13	451 EG 03061	014	13
125-CV-11283	033	18	375-HM-11125	037	11	451 EG 11453	016	12
125-CV-11672	033	16	375-HM-11328	100	30	451 EG 11461	015	30
125-CV-91109	036	28	375-HM-21089	037	06	451 EG 11486	014	12
125-TM-12845	026	04	375-HM-61054	037	09	451 EG 11486	015	43
125-TM-12845	026	06	375-HM-61079	037	08	451 EG 11486	016	19
125-TM-13728	027	05	375-HM-71066	037	07	451 EG 11542	011	06
125-TM-13728	027	13	375-HM-91113	037	10	451 EG 11615	015	44
125-TM-13728	028	04	375-PH-11929	100	25	451 EG 11615	016	06
125-TM-13728	030	25	380-CV-11211	026	31	451 EG 11623	014	07
125-TM-13728	031	22	380-CV-11236	033	37	451 EG 11656	012	08
125-TM-13736	028	31	380-CV-11244	033	38	451 EG 11656	015	10
125-TM-93457	026	35	380-CV-11609	032	67	451 EG 11672	014	16
125-TM-93457	027	26	451 EG 02008	015	27	451 EG 11672	014	31
125-TM-93457	031	18	451 EG 02146	014	15	451 EG 11818	010	02
171-HM-03089	067	03	451 EG 02154	015	23	451 EG 11875	010	14
171-HM-03089	100	18	451 EG 02162	015	28	451 EG 11915	015	38
171-HM-22091	100	06	451 EG 02162	015	48	451 EG 11964	014	14
171-HM-22091	100	21	451 EG 02187	012	07	451 EG 11989	016	16
171-HM-62065	067	09	451 EG 02187	014	08	451 EG 11997	016	15
171-HM-72077	067	07	451 EG 02284	014	05	451 EG 12003	014	38
171-HM-72077	100	07	451 EG 02381	015	12	451 EG 12093	010	01
171-HM-72077	100	22	451 EG 02527	015	26	451 EG 12109	011	01
230601000260	102	20	451 EG 02568	015	16	451 EG 12158	014	33
230601020000	102	19	451 EG 02568	015	37	451 EG 12158	015	03
230806000230	058	02	451 EG 02568	015	47	451 EG 61933	015	41
232 06 27100	015	24	451 EG 02592	015	34	451 EG 72139	010	19
236801001330	055	19	451 EG 02592	016	08	451 EG 72147	010	20

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
451 EG 72244	012	01	451-AX-61526	064	16	451-BR-11372	056	01
451-AX-02014	062	33	451-AX-61623	064	27	451-BR-11655	055	30
451-AX-02022	062	01	451-AX-61753	064	06	451-BR-11664	057	16
451-AX-02039	063	17	451-BL-02008	147	01	451-BR-11697	055	23
451-AX-02047	065	03	451-BL-02016	147	06	451-BR-11712	056	47
451-AX-02055	064	19	451-BL-02024	147	13	451-BR-11729	058	04
451-AX-11257	063	05	451-BL-02032	147	16	451-BR-11737	058	03
451-AX-11265	063	03	451-BL-02049	147	20	451-BR-11753	057	34
451-AX-11273	063	40	451-BL-11007	147	02	451-BR-11761	055	38
451-AX-11281	063	13	451-BL-11015	147	03	451-BR-11794	055	29
451-AX-11308	063	09	451-BL-11023	147	04	451-BR-11801	055	33
451-AX-11313	062	03	451-BL-11031	147	07	451-BR-11859	055	11
451-AX-11321	063	02	451-BL-11048	147	08	451-BR-11867	055	37
451-AX-11338	063	30	451-BL-11064	147	14	451-BR-11875	057	28
451-AX-11346	063	15	451-BL-61058	147	09	451-BR-11891	056	46
451-AX-11354	063	16	451-BR-02024	057	31	451-BR-11907	058	05
451-AX-11362	062	18	451-BR-02032	057	32	451-BR-11915	056	50
451-AX-11379	062	31	451-BR-11031	055	14	451-BR-11923	056	45
451-AX-11387	063	31	451-BR-11056	055	03	451-BR-11931	056	48
451-AX-11395	062	19	451-BR-11056	055	17	451-BR-11948	058	01
451-AX-11402	062	08	451-BR-11056	057	14	451-BR-11956	057	02
451-AX-11419	063	25	451-BR-11064	055	01	451-BR-21027	055	18
451-AX-11427	065	01	451-BR-11097	057	22	451-BR-21043	055	02
451-AX-11451	065	04	451-BR-11104	057	21	451-BR-21043	057	13
451-AX-11468	065	11	451-BR-11112	057	12	451-BR-21076	057	15
451-AX-11476	065	17	451-BR-11129	056	29	451-BR-21084	057	23
451-AX-11484	065	15	451-BR-11137	058	10	451-BR-21384	055	24
451-AX-11508	065	12	451-BR-11153	056	49	451-CC-02018	139	02
451-AX-11516	064	20	451-BR-11153	058	09	451-CC-02026	139	03
451-AX-11532	064	17	451-BR-11178	056	31	451-CC-02034	139	04
451-AX-11549	064	25	451-BR-11186	055	06	451-CC-02042	139	05
451-AX-11557	064	10	451-BR-11186	056	34	451-CC-02059	139	06
451-AX-11565	064	11	451-BR-11194	055	34	451-CC-02067	139	07
451-AX-11605	064	26	451-BR-11194	056	26	451-CC-02075	139	08
451-AX-11613	064	24	451-BR-11201	057	29	451-CC-02083	139	09
451-AX-11662	063	29	451-BR-11226	056	42	451-CC-02091	139	10
451-AX-11679	062	04	451-BR-11234	056	28	451-CC-61002	139	01
451-AX-11687	062	24	451-BR-11242	055	04	451-CO-02018	061	24
451-AX-11695	065	02	451-BR-11259	055	22	451-CO-02067	005	18
451-AX-11727	063	28	451-BR-11267	057	20	451-CO-02091	005	19
451-AX-11735	062	12	451-BR-11275	057	19	451-CO-02107	005	26
451-AX-11743	064	01	451-BR-11283	057	18	451-CO-02115	005	28
451-AX-11768	064	05	451-BR-11291	057	17	451-CO-02123	005	02
451-AX-11776	064	07	451-BR-11307	057	27	451-CO-02123	041	15
451-AX-11816	063	01	451-BR-11315	057	25	451-CO-02123	042	03
451-AX-21293	063	08	451-BR-11323	055	36	451-CO-02131	005	17
451-AX-21706	065	06	451-BR-11331	056	18	451-CO-02139	125	13
451-AX-31572	064	08	451-BR-11348	056	21	451-CO-02156	061	20
451-AX-31589	064	09	451-BR-11356	056	30	451-CO-02164	061	14
451-AX-41495	063	19	451-BR-11364	056	33	451-CO-02172	005	36

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
451-CO-02189	005	04	451-CO-11171	005	35	451-CV-11141	103	19
451-CO-02197	005	01	451-CO-11625	061	01	451-CV-11141	104	20
451-CO-02204	005	34	451-CO-11658	061	10	451-CV-11158	103	20
451-CO-02212	004	01	451-CO-11666	061	06	451-CV-11158	104	21
451-CO-02229	005	03	451-CO-11917	004	33	451-CV-11166	103	21
451-CO-02245	004	04	451-CO-12021	042	47	451-CV-11166	104	22
451-CO-02253	042	49	451-CO-12021	043	09	451-CV-11174	103	23
451-CO-02261	043	01	451-CO-12038	043	05	451-CV-11174	104	25
451-CO-02278	041	01	451-CO-12046	041	05	451-CV-11182	103	24
451-CO-02286	042	29	451-CO-12054	042	11	451-CV-11182	104	24
451-CO-02294	042	19	451-CO-12062	042	04	451-CV-11199	103	25
451-CO-02301	042	01	451-CO-12079	042	37	451-CV-11199	104	26
451-CO-02318	042	06	451-CO-12087	042	41	451-CV-11206	103	27
451-CO-02326	042	43	451-CO-12095	041	09	451-CV-11206	104	28
451-CO-02326	043	15	451-CO-12119	042	35	451-CV-11214	103	30
451-CO-02334	042	34	451-CO-12127	042	32	451-CV-11214	104	31
451-CO-02342	042	26	451-CO-13253	133	01	451-CV-11222	104	33
451-CO-02359	042	42	451-CO-13261	133	14	451-CV-11229	103	31
451-CO-02367	043	16	451-CO-13278	133	02	451-CV-11239	103	33
451-CO-02375	042	07	451-CO-13472	041	22	451-CV-11247	103	34
451-CO-02383	043	08	451-CO-13537	005	41	451-CV-11255	103	35
451-CO-02407	042	18	451-CO-71055	004	09	451-CV-11263	103	37
451-CO-02415	041	12	451-CV-01008	103	00	451-CV-11271	104	06
451-CO-02431	041	20	451-CV-01016	104	00	451-CV-11288	104	08
451-CO-02448	042	21	451-CV-01032	106	00	451-CV-11296	104	11
451-CO-02456	042	24	451-CV-01049	107	00	451-CV-11303	103	36
451-CO-02464	042	36	451-CV-01057	108	00	451-CV-11311	103	38
451-CO-02472	041	14	451-CV-01065	109	00	451-CV-11328	103	39
451-CO-02504	133	03	451-CV-01073	110	00	451-CV-11336	106	01
451-CO-02512	133	12	451-CV-01081	111	00	451-CV-11344	106	02
451-CO-02529	133	11	451-CV-01081	122	17	451-CV-11352	106	03
451-CO-02537	133	08	451-CV-01098	068	00	451-CV-11369	106	04
451-CO-03013	061	02	451-CV-01106	069	00	451-CV-11377	106	05
451-CO-11017	004	12	451-CV-02004	103	32A	451-CV-11389	106	06
451-CO-11025	004	10	451-CV-02004	104	36	451-CV-11393	106	07
451-CO-11033	041	19	451-CV-02012	121	17	451-CV-11417	107	02
451-CO-11033	061	19	451-CV-11011	103	02	451-CV-11417	108	02
451-CO-11041	004	08	451-CV-11012	104	02	451-CV-11417	111	02
451-CO-11066	004	05	451-CV-11044	103	06	451-CV-11425	111	05
451-CO-11074	004	20	451-CV-11052	103	08	451-CV-11425	107	03
451-CO-11099	005	22	451-CV-11069	104	09	451-CV-11425	108	05
451-CO-11106	005	08	451-CV-11077	103	09	451-CV-11433	107	04
451-CO-11106	043	06	451-CV-11077	104	10	451-CV-11433	108	06
451-CO-11114	061	16	451-CV-11117	103	14	451-CV-11441	107	05
451-CO-11122	004	18	451-CV-11117	104	16	451-CV-11441	108	07
451-CO-11139	005	20	451-CV-11125	103	15	451-CV-11441	111	07
451-CO-11139	127	15	451-CV-11125	103	17	451-CV-11458	107	10
451-CO-11147	005	27	451-CV-11125	104	18	451-CV-11458	108	12
451-CO-11155	004	27	451-CV-11133	103	18	451-CV-11458	111	12
451-CO-11163	004	29	451-CV-11133	104	19	451-CV-11466	107	11

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
451-CV-11466	108	13	451-CV-11852	069	03	451-DZ-21036	080	28
451-CV-11466	111	13	451-CV-11866	069	04	451-DZ-21044	080	26
451-CV-11474	107	12	451-CV-11877	114	15	451-DZ-21052	080	22
451-CV-11474	108	14	451-CV-41006	103	01	451-DZ-21069	080	13
451-CV-11474	111	14	451-CV-41006	104	01	451-DZ-21077	080	08
451-CV-11499	069	05	451-CV-41022	104	03	451-DZ-21085	080	07
451-CV-11499	108	04	451-CV-41022	103	03	451-DZ-21093	080	09
451-CV-11499	111	04	451-CV-41409	107	01	451-DZ-21109	080	11
451-CV-11506	069	07	451-CV-41485	108	01	451-DZ-21117	080	12
451-CV-11506	108	16	451-CV-41533	109	01	451-DZ-21125	080	15
451-CV-11506	111	16	451-CV-41533	110	01	451-DZ-21133	080	02
451-CV-11514	069	06	451-CV-41614	068	01	451-DZ-21141	080	16
451-CV-11514	108	17	451-CV-41639	111	01	451-EC-02013	006	00
451-CV-11514	111	17	451-CV-41725	068	06	451-EC-02013	006A	00
451-CV-11522	108	19	451-CV-41839	069	01	451-EC-02021	006	20
451-CV-11522	111	19	451-CV-61038	103	05	451-EC-02021	006A	20
451-CV-11547	109	02	451-CV-61038	104	05	451-EC-02038	006	36
451-CV-11547	110	02	451-CV-61087	104	12	451-EC-02046	006	32
451-CV-11555	109	15	451-CV-61087	103	10	451-EC-02046	006A	32
451-CV-11555	109	06	451-CV-61102	103	13	451-EC-02054	006	44
451-CV-11555	110	06	451-CV-61102	104	15	451-EC-02054	006A	44
451-CV-11563	109	07	451-CV-61765	068	10	451-EC-03018	006	14
451-CV-11571	109	08	451-CV-61798	068	13	451-EC-03018	006A	14
451-CV-11571	110	08	451-CV-61829	068	16	451-EC-03026	006	01
451-CV-11571	109	17	451-CV-71099	103	11	451-EC-03026	006A	01
451-CV-11588	109	09	451-CV-71099	104	13	451-EC-03034	006	09
451-CV-11588	109	18	451-CY-02012	152	01	451-EC-11037	006	29
451-CV-11588	110	09	451-CY-02029	152	05	451-EC-11037	006A	29
451-CV-11596	110	07	451-CY-02037	152	10	451-EC-11061	006	15
451-CV-11596	109	16	451-CY-02045	152	11	451-EC-11061	006A	15
451-CV-11628	109	11	451-CY-02053	152	21	451-EC-11078	006	17
451-CV-11628	109	20	451-CY-02061	152	22	451-EC-11078	006A	17
451-CV-11628	110	11	451-CY-02078	152	12	451-EC-11086	006	02
451-CV-11644	108	03	451-CY-02086	152	13	451-EC-11086	006A	02
451-CV-11644	111	03	451-CY-02094	152	14	451-EC-11094	006	03
451-CV-11652	111	06	451-CY-02101	152	15	451-EC-11094	006A	03
451-CV-11669	103	12	451-CY-02118	152	18	451-EC-11101	006	04
451-CV-11669	104	14	451-CY-11011	152	23	451-EC-11101	006A	04
451-CV-11677	068	02	451-DA-02014	023	01	451-EC-11118	006	05
451-CV-11693	068	03	451-DA-11013	023	02	451-EC-11118	006A	05
451-CV-11704	068	04	451-DA-11021	023	11	451-EC-11126	006	06
451-CV-11712	068	05	451-DA-11046	023	14	451-EC-11126	006A	06
451-CV-11737	068	07	451-DA-11054	023	13	451-EC-11134	006	11
451-CV-11745	068	08	451-DA-11062	023	05	451-EC-11142	006	12
451-CV-11753	068	09	451-DA-11079	023	09	451-EC-61022	006	40
451-CV-11778	068	11	451-DA-11087	023	07	451-EC-61047	006	35
451-CV-11786	068	12	451-DA-11095	023	04	451-EC-71018	006	27
451-CV-11803	068	14	451-DA-61031	023	12	451-EC-71018	006A	27
451-CV-11811	068	15	451-DZ-21011	080	10	451-EC-71059	006	37
451-CV-11844	069	02	451-DZ-21028	080	25	451-EG-02016	019	08

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
451-EG-03004	019	02	451-FD-11974	046	23	451-FD-62186	059	15
451-EG-03012	019	03	451-FD-11982	045	27	451-FD-71225	050	03
451-EG-11007	019	04	451-FD-12038	045	47	451-FD-71225	050	07
451-EG-11461	019	13	451-FD-12046	046	12	451-FD-71233	050	13
451-EG-11631	019	11	451-FD-12054	046	13	451-FD-71233	050	17
451-EG-11648	019	12	451-FD-12062	059	01	451-FD-71403	045	06
451-EG-61009	019	07	451-FD-12079	059	02	451-FD-72002	045	37
451-EI-11004	003	04	451-FD-12087	059	04	451-FD-72027	045	45
451-EI-91114	002	08	451-FD-12102	059	06	451-FD-91119	051	01
451-FD-02026	059	00	451-FD-12127	059	09	451-FD-91321	051	13
451-FD-03006	050	01	451-FD-12135	059	10	451-FD-91338	050	10
451-FD-03014	050	16	451-FD-12143	059	11	451-FD-91605	045	21
451-FD-03022	050	06	451-FD-12151	059	12	451-FD-91613	045	20
451-FD-03039	045	34	451-FD-12168	059	13	451-FD-91735	046	27
451-FD-03047	045	31	451-FD-12176	059	14	451-FD-91898	046	22
451-FD-03055	045	44	451-FD-12192	059	16	451-FD-91905	045	39
451-FD-03063	045	38	451-FD-12208	059	17	451-FL-02015	007	22
451-FD-03071	046	08	451-FD-12216	059	19	451-FL-02023	007	01
451-FD-03088	045	26	451-FD-12224	059	20	451-FL-02031	007	13
451-FD-03096	045	46	451-FD-12232	059	22	451-FL-02048	007	28
451-FD-03103	059	00a	451-FD-12249	059	23	451-FL-02056	007	03
451-FD-03111	059	00b	451-FD-12257	059	27	451-FL-02072	007	18
451-FD-03128	046	09	451-FD-12265	059	28	451-FL-11014	007	21
451-FD-03136	046	15A	451-FD-12273	059	29	451-FL-11022	007	08
451-FD-11017	051	05	451-FD-12281	059	30	451-FL-11039	007	29
451-FD-11163	051	08	451-FD-12298	059	32	451-FL-11047	007	20
451-FD-11171	051	04	451-FD-12305	059	33	451-FL-11055	007	27
451-FD-11188	051	10	451-FD-12313	059	34	451-FL-11063	007	05
451-FD-11196	051	12	451-FD-12321	059	36	451-FL-11071	007	14
451-FD-11203	051	16	451-FD-12338	059	37	451-HC-00018	089	20A
451-FD-11211	050	02	451-FD-12346	059	38	451-HC-00026	083	19A
451-FD-11244	050	12	451-FD-22099	059	05	451-HC-00026	086	19A
451-FD-11293	051	15	451-FD-31146	051	19	451-HC-00034	092	25A
451-FD-11511	045		451-FD-31308	051	18	451-HC-00042	095	25A
451-FD-11528	045		451-FD-31381	045	01	451-HC-00067	096	16A
451-FD-11536	045		451-FD-31398	045	02	451-HC-01006	083	00
451-FD-11569	046	09	451-FD-31413	046	01	451-HC-01014	086	00
451-FD-11577	046	09	451-FD-31543	046	02	451-HC-01022	092	00
451-FD-11585	046	09	451-FD-31779	045	07	451-HC-01039	095	00
451-FD-11641	045	41	451-FD-31793	045	08	451-HC-01047	089	00
451-FD-11803	046	29	451-FD-31957	045	22	451-HC-01103	096	00
451-FD-11811	045	17	451-FD-32118	059	08	451-HC-01111	097	00
451-FD-11828	046	30	451-FD-51097	051	02	451-HC-01111	121	45
451-FD-11836	046	32	451-FD-51129	051	03	451-HC-01128	098	00
451-FD-11844	046	19	451-FD-51704	046	16	451-HC-01136	099	00
451-FD-11852	046	21	451-FD-51712	046	17	451-HC-01136	147	33
451-FD-11869	046	18	451-FD-51753	046	26	451-HC-02002	083	01
451-FD-11917	046	24	451-FD-51883	046	20	451-HC-02019	083	02
451-FD-11917	046	37	451-FD-51931	046	35	451-HC-02027	086	02
451-FD-11966	046	36	451-FD-61595	045	15	451-HC-02035	086	01

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
451-HC-02038	121	04	451-HC-62057	097	13	451-HM-22091	067	06
451-HC-02043	092	02	451-HC-62081	098	04	451-HM-23017	101	02
451-HC-02046	121	05	451-HC-62113	098	14	451-HM-23188	101	21
451-HC-02051	092	01	451-HC-62202	099	15	451-HM-51019	037	04
451-HC-02068	095	02	451-HC-72093	098	08	451-HM-51027	037	05
451-HC-02076	095	01	451-HC-72141	098	18	451-HM-51051	067	04
451-HC-02084	089	02	451-HC-91111	083	15	451-HM-51068	067	05
451-HC-02092	089	01	451-HC-91111	086	15	451-HM-51132	100	04
451-HC-02319	096	16	451-HC-91111	095	14	451-HM-51149	100	05
451-HC-02327	096	01	451-HC-91111	096	12	451-HM-51149	100	20
451-HC-02335	097	01	451-HC-91111	097	05	451-HM-51165	100	19
451-HC-02343	097	16	451-HC-91111	092	14	451-HM-53077	101	09
451-HC-02351	098	01	451-HC-91355	089	15	451-HM-53093	101	12
451-HC-02368	098	11	451-HC-91371	089	14	451-HM-61071	067	08
451-HC-02376	099	01	451-HC-91388	089	11	451-HM-61185	100	29
451-HC-02384	099	10	451-HM- 02038	100	28	451-HM-62065	100	09
451-HC-11075	083	03	451-HM-01009	037		451-HM-62065	100	24
451-HC-11075	086	03	451-HM-01017	067	00	451-HM-62081	100	08
451-HC-11075	092	03	451-HM-01025	100	00	451-HM-62081	100	23
451-HC-11075	095	03	451-HM-01025	112	01	451-HM-63007	101	01
451-HC-11083	083	04	451-HM-01025	112A	01	451-HM-63023	101	03
451-HC-11083	086	04	451-HM-01106	101	00	451-HM-63031	101	04
451-HC-11083	092	04	451-HM-02	101	25A	451-HM-63056	101	07
451-HC-11083	095	04	451-HM-02	101	25B	451-HM-63089	101	11
451-HC-11083	096	06	451-HM-02005	067	01	451-HM-63112	101	14
451-HC-11091	083	06	451-HM-02005	100	01	451-HM-63145	101	17
451-HC-11091	086	06	451-HM-02013	100	00A	451-HM-63155	101	18
451-HC-11091	092	06	451-HM-02021	100	16	451-HM-73124	101	15
451-HC-11091	095	06	451-HM-02516	101	05	451-HM-91082	067	10
451-HC-11091	096	07	451-HM-02524	101	10	451-HM-91082	100	10
451-HC-11091	097	15	451-HM-02532	101	22	451-HP-02005	073	06
451-HC-11107	083	09	451-HM-02549	101	24	451-HP-02013	073	12
451-HC-11107	086	09	451-HM-03001	100	03	451-HP-02021	074	08
451-HC-11334	089	03	451-HM-03018	100	16A	451-HP-02038	074	01
451-HC-11342	089	04	451-HM-11094	067	11	451-HP-02046	074	03
451-HC-11367	089	06	451-HM-11094	100	11	451-HP-02054	074	04
451-HC-12007	096	13	451-HM-11101	067	13	451-HP-02062	074	02
451-HC-12014	097	02	451-HM-11191	100	32	451-HP-02079	073	18
451-HC-12022	097	04	451-HM-13046	101	06	451-HP-02102	075	13
451-HC-12039	097	08	451-HM-13062	101	08	451-HP-02119	075	12
451-HC-12039	098	02	451-HM-13102	101	13	451-HP-02143	075	19
451-HC-12071	098	03	451-HM-13135	101	16	451-HP-02151	075	01
451-HC-12103	098	12	451-HM-13168	101	19	451-HP-02168	073	01
451-HC-12128	098	15	451-HM-13176	101	20	451-HP-02176	073	19
451-HC-12136	098	16	451-HM-13192	101	23	451-HP-02184	075	14
451-HC-12152	099	02	451-HM-13208	101	25	451-HP-03001	074	09
451-HC-12169	099	03	451-HM-21008	037	02	451-HP-11004	075	18
451-HC-12185	099	16	451-HM-21049	067	02	451-HP-11191	073	17
451-HC-12193	099	13	451-HM-21113	100	17	451-HP-11207	073	10
451-HC-62049	097	12	451-HM-21113	100	02	451-HP-11653	073	22

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
451-HP-11661	024	09	451-HS-02468	112	12	451-HS-12082	114	16
451-HP-11661	075	06	451-HS-02468	112A	12	451-HS-12099	114	13
451-HP-11678	075	07	451-HS-02476	112	16	451-HS-12106	114	34
451-HP-11686	073	14	451-HS-02476	112A	16	451-HS-12399	103A	19
451-HP-11686	074	11	451-HS-02484	112	21	451-HS-12399	104A	20
451-HP-11726	075	03	451-HS-02484	112A	21	451-HS-12447	103A	01
451-HP-12041	075	02	451-HS-02492	112	29	451-HS-12447	104A	01
451-HP-12171	073	04	451-HS-02508	112	41	451-HS-12455	103A	02
451-HP-61744	024	07	451-HS-02516	113	04	451-HS-12455	104A	02
451-HP-61744	075	05	451-HS-02524	113	07	451-HS-12463	104A	04
451-HP-61752	024	08	451-HS-02532	113	16	451-HS-12472	103A	05
451-HP-61752	075	04	451-HS-02549	113	01	451-HS-12472	104A	05
451-HP-62181	073	05	451-HS-02557	114	01	451-HS-12489	104A	16
451-HS-02013	115	08	451-HS-02565	112	50	451-HS-12497	104A	17
451-HS-02013	117	01	451-HS-02573	114	27	451-HS-12504	104A	03
451-HS-02013	118	01	451-HS-02581	104A	00	451-HS-12511	103A	04
451-HS-02013	120	08	451-HS-02598	103A	00	451-HS-12528	103A	16
451-HS-02013	121	01	451-HS-03083	117	42A	451-HS-12536	103A	16
451-HS-02021	116	01	451-HS-11029	116	06	451-HS-62018	103	42
451-HS-02021	119	03	451-HS-11029	117	06	451-HS-62027	112	31
451-HS-02038	119	05	451-HS-11029	121	42	451-HS-62027	112	43
451-HS-02046	119	06	451-HS-11029	123	21	451-HS-62027	112A	31
451-HS-02054	117	04	451-HS-11037	116	12	451-HS-62027	112A	43
451-HS-02062	116	04	451-HS-11037	117	12	451-HS-62035	112	34
451-HS-02062	117	05	451-HS-11045	115	19	451-HS-62035	112	46
451-HS-02079	116	11	451-HS-11053	118	11	451-HS-62035	112A	34
451-HS-02079	117	11	451-HS-11061	115	18	451-HS-62035	112A	46
451-HS-02087	119	12	451-HS-11078	115	25	451-HS-62043	114	12
451-HS-02095	115	13	451-HS-11086	115	26	451-MF-02011	072	27
451-HS-02102	118	14	451-HS-11094	118	19	451-MF-02036	072	01
451-HS-02127	116	05	451-HS-11094	121	34	451-MF-11149	072	28
451-HS-02143	119	20	451-HS-11101	119	07	451-MF-11157	072	24
451-HS-02192	116	09	451-HS-11167	113	02	451-MF-11165	072	26
451-HS-02192	117	09	451-HS-11167	122	09	451-MF-11173	072	02
451-HS-02208	117	16	451-HS-11604	117	20	451-MF-11181	072	14
451-HS-02216	118	20	451-HS-11612	116	15	451-MF-11198	072	05
451-HS-02224	115	17	451-HS-11629	117	40	451-MF-11205	072	32
451-HS-02232	115	01	451-HS-11637	116	20	451-MF-11213	072	33
451-HS-02232	120	01	451-HS-11645	116	16	451-MF-11221	072	34
451-HS-02237	121	32	451-HS-11653	116	17	451-MF-11287	072	21
451-HS-02249	115	02	451-HS-11791	117	43	451-MF-12542	072	10
451-HS-02321	117	21	451-HS-11807	117	46	451-MF-21233	072	06
451-HS-02338	117	22	451-HS-11904	120	14	451-MF-32558	072	18
451-HS-02346	117	30	451-HS-12009	112	30	451-OS-01038	077	01
451-HS-02354	117	25	451-HS-12009	112A	30	451-OS-02253	079	01
451-HS-02362	117		451-HS-12017	112	42	451-OS-02253	148	01
451-HS-02379	117	42	451-HS-12017	112A	42	451-OS-02261	079	04
451-HS-02419	118	16	451-HS-12058	114	33	451-OS-02261	148	02
451-HS-02451	112	06	451-HS-12066	112	52	451-OS-02278	079	07
451-HS-02451	112A	06	451-HS-12074	114	22	451-OS-02278	148	03

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
451-OS-02286	148	04	451-PT-02096	040	17	451-RC-11011	136	11
451-OS-13091	079	08	451-PT-02103	040	25	451-RC-11028	136	32
451-PA-01027	122	25	451-PT-02103	040A	25	451-RC-11085	134	06
451-PA-02003	122	01	451-PT-02111	040	19	451-RC-11158	136	07
451-PA-02011	122	03	451-PT-02111	040A	19	451-RC-11166	136	08
451-PA-02028	122	04	451-PT-02128	040	14	451-RC-11328	134	13
451-PA-02036	122	05	451-PT-02128	040A	14	451-RC-13361	135	20
451-PA-02044	122	06	451-PT-02136	040	10	451-RC-13637	136	41
451-PA-02052	122	28	451-PT-02144	040	21	451-RC-13678	136	28
451-PA-02059	122	40	451-PT-02144	040A	21	451-RC-13694	136	23
451-PA-02077	122	36	451-PT-02152	040	02	451-RC-13823	136	09
451-PA-02085	123	08	451-PT-02152	040A	02	451-RC-13823	136	18
451-PA-02093	123	09	451-PT-02169	040	09	451-RC-13845	136	33
451-PA-02109	123	10	451-PT-02169	040A	09	451-RC-13929	138	13
451-PA-02117	123	07	451-PT-02169	071	29	451-RC-23016	138	12
451-PA-02125	123	13	451-PT-02177	040	06	451-RC-61192	134	05
451-PA-02133	123	15	451-PT-02185	040A	10	451-RC-61224	134	14
451-PA-02141	123	16	451-PT-02195	040A	06	451-RC-61232	134	12
451-PA-02158	123	18	451-PT-03019	038	01	451-RC-61265	135	07
451-PA-02166	123	28	451-PT-03027	038	02	451-RC-61273	134	27
451-PA-02174	123	01	451-PT-11021	001	04	451-RC-61281	135	06
451-PA-02182	123	05	451-PT-11021	024	10	451-RC-63355	134	28
451-PA-02199	121	11	451-PT-11038	001	05	451-RC-71106	134	15
451-PA-02204	121	12	451-PT-11038 *	024	10A	451-RC-71114	135	01
451-PA-02212	121	21	451-PT-11046	001	06	451-RC-71171	136	36
451-PA-02229	121	20	451-PT-11046 *	024	10B	451-RC-71188	136	37
451-PA-02245	121	22	451-PT-11054	024	03	451-RC-71244	135	10
451-PA-1	122	41	451-PT-11062	039	07	451-RC-71252	135	11
451-PA-11019	122	22	451-PT-11079	039	08	451-RC-71358	135	03
451-PA-11019	122	37	451-PT-11143	038	07	451-SC-02006	142	01
451-PA-11027	122	33	451-PT-11151	038	08	451-SC-02014	142	05
451-PA-11035	122	29	451-PT-11168	038	09	451-SC-02022	142	06
451-PA-11043	121	06	451-PT-11176	038	10	451-SC-02039	142	27
451-PA-11043	123	22	451-PT-11184	038	03	451-SC-02047	142	36
451-PA-11051	121	08	451-PT-11184	102	17	451-SC-02055	142	32
451-PA-11051	123	23	451-PT-11192	038	06	451-SC-02071	143	04
451-PA-11068	121	35	451-PZ-02014	044	01	451-SC-02088	143	02
451-PA-11068	123	29	451-RC-02014	136	26	451-SC-02096	143	20
451-PA-11076	121	46	451-RC-02061	134	19	451-SC-11013	142	03
451-PP-41013	146	01	451-RC-02118	135	15	451-SC-11021	142	45
451-PT-01001	001	03A	451-RC-02126	135	14	451-SC-11038	142	46
451-PT-01001	024	09A	451-RC-02134	134	11	451-SC-11046	143	12
451-PT-02014	024	01	451-RC-02142	134	01	451-SC-11046	143	22
451-PT-02016	040A	17	451-RC-02159	135	05	451-SC-11054	142	07
451-PT-02022	024	02	451-RC-02167	136	03	451-SC-11062	142	25
451-PT-02039	039	00	451-RC-02175	136	04	451-SC-11079	142	26
451-PT-02047	039	01	451-RC-02207	136	01	451-SC-11087	142	24
451-PT-02055	039	09	451-RC-02312	136	45	451-SC-11095	143	01
451-PT-02063	039	12	451-RC-03017	136	43	451-SC-11102	143	11
451-PT-02071	039	22	451-RC-03025	136	44	451-SC-11265	143	21

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
451-SC-31491	142	15	451-TI-11032	153	06	451-TM-03161	026	00
451-SK-00059	099	17A	451-TI-11048	153	01a	451-TM-03178	026	29A
451-SK-01104	068	16a	451-TI-11056	153	01b	451-TM-03186	026	00
451-SK-01112	056	51	451-TI-11064	153	01c	451-TM-03194	027	11A
451-SK-01129	056	52	451-TI-11072	153	01d	451-TM-03201	027	00
451-SK-01137	097	16A	451-TI-11081	153	01e	451-TM-03218	027	27A
451-SK-01145	098	21A	451-TI-11097	153	01f	451-TM-03226	027	03A
451-SK-01194	103A	19a	451-TI-11104	153	01g	451-TM-03234	027	00
451-SK-01194	104A	20a	451-TI-11112	153	01h	451-TM-03242	032	03A
451-SS-02017	071	01	451-TI-11129	153	12a	451-TM-03259	032	17A
451-SS-02025	071	07	451-TI-11137	153	12b	451-TM-03267	030	05A
451-SS-02033	071	12	451-TI-11145	153	12c	451-TM-03275	032	50A
451-SS-02041	071	40	451-TI-11153	153	12d	451-TM-03283	033	00
451-SS-02058	071	23	451-TI-11161	153	12e	451-TM-03291	033	30A
451-SS-02066	070	14	451-TI-11178	153	12f	451-TM-03307	060	03
451-SS-02074	070	15	451-TI-11186	153	12g	451-TM-03323	031	20A
451-SS-02082	070	16	451-TI-11194	153	01h	451-TM-03331	032	31A
451-SS-02099	070	17	451-TI-11202	153	01i	451-TM-03348	060	01
451-SS-02106	070	20	451-TI-11218	153	12j	451-TM-03356	028	02A
451-SS-02114	070	23	451-TI-11226	153	08	451-TM-03364	028	29A
451-SS-02139	070	05	451-TI-11234	153	04	451-TM-03372	030	00
451-SS-02147	070	06	451-TI-11242	153	09	451-TM-03389	030	00
451-SS-02155	071	39	451-TI-11259	153	07	451-TM-03397	031	00
451-SS-02171	066	00	451-TI-11267	153A	04	451-TM-03404	031	00
451-SS-02188	066	10	451-TI-11275	153	03	451-TM-03412	035	00
451-SS-02196	066	09	451-TI-11275	153A	01	451-TM-11067	035	58
451-SS-02204	066	01	451-TI-11283	153	02	451-TM-11075	036	38
451-SS-11016	066	04	451-TI-11291	153A	05	451-TM-11083	026	33
451-SS-11016	071	08	451-TI-11307	153A	06	451-TM-11083	031	17
451-SS-11024	071	16	451-TI-11315	153	14	451-TM-11091	027	23
451-SS-11049	066	03	451-TI-11315	153A	07	451-TM-11091	027	27
451-SS-11049	070	09	451-TI-11323	153A	08	451-TM-11107	027	30
451-SS-11057	070	01	451-TK-02021	102	01	451-TM-11131	026	25
451-SS-11065	070	02	451-TK-11012	102	04	451-TM-11131	027	11
451-SS-11073	070	03	451-TK-11029	102	07	451-TM-11131	031	15
451-SS-11098	070	07	451-TK-11037	102	16	451-TM-11164	025	11
451-SS-11105	070	08	451-TK-11272	102	02	451-TM-11301 *	026	30
451-SS-11113	071	36	451-TM-02035	060		451-TM-11375	026	03
451-SS-11138	071	38	451-TM-03015	029	16	451-TM-11383	026	05
451-SS-11146	070	18A	451-TM-03023	029	15	451-TM-11391	030	29
451-SS-61001	066	02	451-TM-03031	029	22	451-TM-11407	030	27
451-SS-61083	070	04	451-TM-03048	029	23	451-TM-11415	026	32
451-SS-61123	071	37	451-TM-03056	031	01	451-TM-11423	031	16
451-TI-02008	153	01	451-TM-03089	033	51	451-TM-11431	025	07
451-TI-02016	153	12	451-TM-03097	033	44	451-TM-11448	029	03
451-TI-02057	153A	10	451-TM-03112	030	23A	451-TM-11456	029	20
451-TI-03012	153A	A	451-TM-03129	036	30	451-TM-11529	030	28
451-TI-11007	153A	02	451-TM-03137	036	33	451-TM-11529	030	30
451-TI-11015	153A	03	451-TM-03145	035	43	451-TM-11537	026	14
451-TI-11023	153	05	451-TM-03153	026	00	451-TM-11545 *	027	28

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
451-TM-11553	028	42	451-TM-12971 *	035	50	451-TM-13765	033	57
451-TM-11561	028	22	451-TM-12988 *	035	52	451-TM-13773 *	035	15
451-TM-11578	027	36	451-TM-12996 *	035	56	451-TM-13781 *	035	17
451-TM-11586	027	34	451-TM-13002 *	035	54	451-TM-13798 *	035	18
451-TM-11594	026	16	451-TM-13019 *	035	03	451-TM-13805 *	035	19
451-TM-11845 *	028	03	451-TM-13027 *	035	04	451-TM-13813 *	035	20
451-TM-11853 *	027	04	451-TM-13035 *	035	05	451-TM-13821 *	035	21
451-TM-11861	026	20	451-TM-13043 *	035	07	451-TM-13838 *	035	22
451-TM-11878	031	06	451-TM-13051 *	035	08	451-TM-13846 *	035	23
451-TM-11886	026	15	451-TM-13068 *	035	10	451-TM-13854 *	035	24
451-TM-11959	028	11	451-TM-13076 *	035	11	451-TM-13862 *	035	26
451-TM-11959	031	37	451-TM-13084 *	035	16	451-TM-13879 *	060	02
451-TM-12071	028	32	451-TM-13092 *	035	27	451-TM-13887 *	060	04
451-TM-12185	031	32	451-TM-13116 *	035	37	451-TM-13895 *	060	05
451-TM-12193	028	21	451-TM-13124 *	035	28	451-TM-13902 *	060	06
451-TM-12209	031	35	451-TM-13157*	033	22	451-TM-13919 *	060	07
451-TM-12217	028	12	451-TM-13165*	033	20	451-TM-13927 *	060	08
451-TM-12217	031	38	451-TM-13173*	033	15	451-TM-13935 *	060	09
451-TM-12485	030	03	451-TM-13181	033	10	451-TM-13943 *	060	10
451-TM-12599	030	23	451-TM-13198*	033	07	451-TM-13951 *	060	11
451-TM-12622	030	17	451-TM-13205*	033	06	451-TM-13968 *	060	12
451-TM-12647	032	18	451-TM-13213*	033	08	451-TM-13976 *	060	13
451-TM-12655	032	19	451-TM-13221*	033	23	451-TM-13984 *	060	14
451-TM-12663*	032	20	451-TM-13238*	033	02	451-TM-13992	060	15
451-TM-12671*	032	21	451-TM-13302 *	035	13	451-TM-14007	060	16
451-TM-12688*	032	22	451-TM-13319	036	20	451-TM-14015	060	18
451-TM-12696*	032	23	451-TM-13335	036	22	451-TM-14023 *	060	19
451-TM-12703*	032	24	451-TM-13343	036	25	451-TM-31122	027	21
451-TM-12711*	032	25	451-TM-13384	036	31	451-TM-31188	025	01
451-TM-12728*	032	32	451-TM-13392	036	34	451-TM-31228	028	30
451-TM-12736*	032	33	451-TM-13424	036	10	451-TM-31244	027	25
451-TM-12744*	032	34	451-TM-13432	036	14	451-TM-31313	032	28
451-TM-12752*	032	35	451-TM-13449*	033	12	451-TM-31341	031	19
451-TM-12769*	032	36	451-TM-13513 *	035	06	451-TM-31358 *	030	24
451-TM-12777*	032	37	451-TM-13513 *	035	09	451-TM-31722	028	01
451-TM-12785*	032	38	451-TM-13521*	033	21	451-TM-31747	027	01
451-TM-12793*	032	39	451-TM-13538*	033	13	451-TM-31771	026	11
451-TM-12809*	032	51	451-TM-13546*	033	14	451-TM-31974	027	14
451-TM-12817*	032	52	451-TM-13554	036	37	451-TM-31999	026	26
451-TM-12825*	032	53	451-TM-13562	032	65	451-TM-31999	027	19
451-TM-12833*	032	54	451-TM-13579	032	66	451-TM-32013	031	12
451-TM-12841 *	032	04	451-TM-13587	032	63	451-TM-32232	029	01
451-TM-12858 *	032	05	451-TM-13595	032	57	451-TM-32257	032	11
451-TM-12866 *	032	06	451-TM-13602	032	59	451-TM-32274	032	01
451-TM-12874 *	032	07	451-TM-13676	028	02	451-TM-32281	032	14
451-TM-12889*	033	33	451-TM-13716	031	33	451-TM-32321	032	44
451-TM-12906*	033	34	451-TM-13749	026	37	451-TM-32346	031	43
451-TM-12914	033	36	451-TM-13749	027	37	451-TM-32549 *	030	06
451-TM-12955 *	035	44	451-TM-13749	028	07	451-TM-32605	030	20
451-TM-12963 *	035	49	451-TM-13757	031	10	451-TM-32882*	033	31

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
451-TM-32922 *	035	01	451-TM-73507	036	15	451-WA-11066	130	09
451-TM-33108 *	035	36	451-TM-91055	028	10	451-WA-11074	130	04
451-TM-33132 *	035	32	451-TM-91055	031	36	451-WA-11074	130	04
451-TM-33148*	033	01	451-TM-91128	030	22	451-WA-11074	130	04
451-TM-33415	036	01	451-TM-91144	026	28	451-WA-11099	128	07
451-TM-34039	060	20	451-TM-91144	027	15	451-WA-11104	128	08
451-TM-41289 *	027	12	451-TM-91152	026	24	451-WA-11129	128	17
451-TM-41329 *	026	01	451-TM-91152	027	10	451-WA-11137	130	10
451-TM-51616	027	35	451-TM-91152	031	14	451-WA-11153	130	06
451-TM-51624	026	19	451-TM-91177	025	17	451-WA-11186	130	35
451-TM-51657	026	17	451-TM-93623	028	15	451-WA-11201	130	48
451-TM-51666 *	031	21	451-TM-93631	028	14	451-WA-11218	130	37
451-TM-51681	028	09	451-TM-93656	028	37	451-WA-11267	129	22
451-TM-51713	031	39	451-TM-93664	031	42	451-WA-11275 *	129	07
451-TM-51802	028	06	451-UC-02018	151	01	451-WA-11283	129	03
451-TM-51819	027	07	451-UC-02026	151	02	451-WA-11315	129	12
451-TM-51827	026	22	451-UC-02034	151	03	451-WA-11323	129	04
451-TM-51835	031	09	451-UC-11066	151	04	451-WA-11331	129	13
451-TM-51892	027	24	451-WA-02016	128	01	451-WA-11348	130	26
451-TM-51908	027	20	451-WA-02024	130	01	451-WA-11372	128	03
451-TM-51916	027	09	451-WA-02032	130	36	451-WA-11648	130	17
451-TM-51916	031	11	451-WA-02049	130	14	451-WA-12409	130	18
451-TM-51924	026	29	451-WA-02073	130	23	451-WA-12417	128	18
451-TM-51949	026	23	451-WA-02081	130	13	451-WA-12758	131	13
451-TM-52037	028	13	451-WA-02251	131	10	451-WA-12766	132	11
451-TM-52053	031	30	451-WA-02616	144	01	451-WA-12774	131	01
451-TM-52094	028	23	451-WA-02624	144	39	451-WA-12782	132	04
451-TM-52118	028	29	451-WA-02632	144	03	451-WA-12814	131	02
451-TM-52134	028	16	451-WA-02632	145	01	451-WA-12822	132	07
451-TM-52142	031	40	451-WA-02649	145	02	451-WA-12839	131	17
451-TM-52175	031	26	451-WA-02665	145	39	451-WA-12847	132	22
451-TM-52353	032	10	451-WA-02673	145	23	451-WA-12855	131	27
451-TM-52378	032	27	451-WA-02673	145	40	451-WA-12863	132	15
451-TM-52394	032	43	451-WA-02681	145	10	451-WA-12871	132	03
451-TM-52426	032	56	451-WA-02681	145	11	451-WA-12896	132	08
451-TM-52434	032	49	451-WA-02698	145	19	451-WA-12903	132	09
451-TM-52459	032	40	451-WA-02705	145	38	451-WA-12911	132	10
451-TM-52467	030	01	451-WA-02713	145	44	451-WA-12936	132	12
451-TM-52525	032	42	451-WA-02721	145	45	451-WA-12944	132	18
451-TM-52564	030	15	451-WA-02738	145	43	451-WA-12952	131	16
451-TM-52589	030	14	451-WA-03118	129	00	451-WA-12969 *	131	18
451-TM-61214	025	02	451-WA-03126	129	00a	451-WA-12977 *	131	18
451-TM-62632	030	21	451-WA-03134	131	17A	451-WA-12985 *	131	18
451-TM-63612	031	13	451-WA-03142	130	38A	451-WA-12993	132	20
451-TM-63645	031	31	451-WA-11017	129	20	451-WA-13521	144	04
451-TM-73459 *	035	29	451-WA-11017	130	44	451-WA-13535	144	05
451-TM-73467 *	035	33	451-WA-11041	130	03	451-WA-13543	144	07
451-TM-73479 *	035	40	451-WA-11041	130	03	451-WA-13551	144	08
451-TM-73483	036	02	451-WA-11041	130	03	451-WA-13568	144	09
451-TM-73491	036	11	451-WA-11058	130	08	451-WA-13592	144	14

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
451-WA-13632	144	29	451-WA-53833	145	34	451-WC-11134	127	08
451-WA-13665	145	03	451-WA-63738	144	21	451-WC-11134	127	21
451-WA-13665	145	24	451-WA-63738	145	17	451-WC-11142	124	38
451-WA-13673	145	07	451-WA-63738	145	22	451-WC-11159	124	39
451-WA-13681	145	41	451-WC-02013	124	47	451-WC-11889	127	04
451-WA-13705	145	42	451-WC-02021	124	46	451-WT-11018	054	01
451-WA-13713	144	20	451-WC-02038	124	45	451-WT-11026	054	02
451-WA-13713	145	20	451-WC-02046	124	21	451-WT-11034	054	03
451-WA-13721	145	21	451-WC-02054	124	30	451-WT-11115	054	07
451-WA-13746	145	25	451-WC-02062	125	02	451-WT-21127	054	08
451-WA-13762	145	27	451-WC-02062	125	06	451-WT-61052	054	04
451-WA-13779	145	28	451-WC-02062	126	02	451-WT-61069	054	05
451-WA-13787	145	35	451-WC-02062	127	03	451-ZZ-03042	072	01
451-WA-13795	145	37	451-WC-02062	127	16	451-ZZ-10635	006A	36
451-WA-13803	144	25	451-WC-02079	125	04	451-ZZ-10643	006A	37
451-WA-13811	145	16	451-WC-02087	124	10	451-ZZ-10651	006A	35
451-WA-13828	145	18	451-WC-02095	124	01	451-ZZ-10668	006A	11
451-WA-22794	132	01	451-WC-02102	124	18	451-ZZ-10676	006A	40
451-WA-22801	132	02	451-WC-02119	124	36	451-ZZ-10692	073	1a
451-WA-22883	131	12	451-WC-02127	124	37	451-ZZ-10692	073	1a
451-WA-31241 *	129	15	451-WC-02135	125	01	451-ZZ-10708	006A	09
451-WA-41083	128	06	451-WC-02143	125	05	451-ZZ-10887	055	05
451-WA-41148	130	07	451-WC-02143	127	18	451-ZZ-10976	121	38
451-WA-41148	130	07	451-WC-02151	125	03	451-ZZ-10984	098	17
451-WA-41148	130	07	451-WC-02168	125	07	451-ZZ-10992	138	10
451-WA-41164	130	25	451-WC-02176	125	09	451-ZZ-11007	138	11
451-WA-41172	130	24	451-WC-02176	127	01	451-ZZ-11015	138	02
451-WA-41197 *	130	39	451-WC-02184	126	01	451-ZZ-11178	107	02A
451-WA-41229 *	129	01	451-WC-02192	125	11	451-ZZ-11186	108	
451-WA-41237 *	129	02	451-WC-02216	124	02	451-ZZ-11194	109	00
451-WA-41294 *	129	16	451-WC-02224	124	07	451-ZZ-11201	109	000
451-WA-41294 *	130	40	451-WC-02232	127	14	451-ZZ-11218	110	00b
451-WA-41383	130	29	451-WC-02391	127	02	451-ZZ-11226	111	00a
451-WA-41391	130	30	451-WC-03018	043	02	451-ZZ-11234	111	00b
451-WA-43505	144	02	451-WC-11012	125	16	452-HS-16457 *	103A	12
451-WA-43587	144	13	451-WC-11029	124	48	452-HS-16457 *	104A	12
451-WA-43602	144	17	451-WC-11037	124	13	452-HS-16528	104A	15
451-WA-43643	144	34	451-WC-11045	124	14A	452-HS-16528	103A	15
451-WA-43651	144	35	451-WC-11053	124	25	452-HS-16536	103A	11
451-WA-43754	145	26	451-WC-11061	124	22	452-HS-16536	104A	11
451-WA-51021	128	02	451-WC-11078	124	29	452-HS-16569	103A	17
451-WA-51038	130	02	451-WC-11086	124	33	452-HS-16569	104A	18
451-WA-51119	128	20	451-WC-11094	125	14	452-HS-16577	103A	18
451-WA-51257	129	19	451-WC-11101	125	15	452-HS-16577	104A	19
451-WA-51257	130	41	451-WC-11118	124	03	452-HS-16593	103A	07
451-WA-51305	129	08	451-WC-11126	125	19	452-HS-16593	104A	07
451-WA-51362	130	27	451-WC-11126	126	03	452-HS-16609	103A	08
451-WA-52253	130	02	451-WC-11126	127	05	452-HS-16609	104A	08
451-WA-52423	130	02	451-WC-11134	125	21	452-HS-16617	103A	06
451-WA-53574	144	12	451-WC-11134	126	05	452-HS-16617	104A	06

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
452-HS-16625	103A	09	935-HC-91092 *	092	13	950-AS-10669	060D	16
452-HS-16625	104A	09	935-HC-91092 *	095	13	950-AS-10677 *	060D	25
452-HS-16633	103A	10	935-HC-91092 *	096	11	950-AS-10685 *	060D	13
452-HS-16633	104A	10	935-TI-03009	153A	B	950-AS-10693	060D	06
452-HS-66505 *	103A	14	935-TI-11782	153A	C	950-AS-10822	060D	23
452-HS-66505 *	104A	13	950-AS-02041	056	39	950-AS-10944	060C	21
452-HS-66513 *	103A	13	950-AS-02196	056	05	950-AS-10969	060C	05
452-HS-66513 *	104A	14	950-AS-02406	056	25	950-AS-10977	060C	08
452-SK-00017	103A	19b	950-AS-04097	060F	14	950-AS-10985 *	060C	17
452-SK-00017	104A	20b	950-AS-05111 *	060D	03	950-AS-10993 *	060C	15
452-SK-00025	103A	19c	950-AS-05299	060F	29	950-AS-11008	060C	20
452-SK-00025	104A	20c	950-AS-05306 *	060E	09	950-AS-11024 *	060C	09
452-SK-01201'	104A	20d	950-AS-10011	060F	19	950-AS-11032	060C	14
452-SK-01218	104A	20e	950-AS-10036	060F	08	950-AS-11049	060C	18
502-01-12640	138	07	950-AS-10044	060F	17	950-AS-11057 *	060C	16
560800100000	138	14	950-AS-10052	060F	10	950-AS-11121	060E	11
561842000400	010	04	950-AS-10069 *	060F	21	950-AS-11179	060E	25
561842000500	010	03	950-AS-10077	060F	22	950-AS-11187	060E	35
561842000600	010	17	950-AS-10085 *	060F	15	950-AS-11202	060E	03
561842000700	010	18	950-AS-10093 *	060F	09	950-AS-11219	060E	08
561842000900	010	16	950-AS-10109	060F	30	950-AS-11227 *	060E	04
561842001500	016	13	950-AS-10117	060F	31	950-AS-11235 *	060E	23
561842011000	011	05	950-AS-10125	060F	32	950-AS-11243	060E	07
564308020002	007	04	950-AS-10133	060F	26	950-AS-11251	060E	27
596800040000	055	13	950-AS-10166	060F	11	950-AS-11268	060E	22
596800070540	055	12	950-AS-10174	060F	27	950-AS-11276	060E	26
649000038100	149	01	950-AS-10288 *	060D	07	950-AS-11292	060E	16
649000038500	135	19	950-AS-10296 *	060D	27	950-AS-11308 *	060E	13
649000040100	149	06	950-AS-10311	060C	10	950-AS-11316	060E	12
690802000130	138	15	950-AS-10328 *	060C	22	950-AS-11324 *	060E	33
775-HS-02022	112A	29	950-AS-10344	060C	04	950-AS-11332	060E	29
775-HS-02266	113	01	950-AS-10358 *	060E	06	950-AS-11349	060E	32
775-HS-02447	112A	41	950-AS-10369 *	060E	18	950-AS-11365	060C	06
775-HS-02469	112A	38	950-AS-10385 *	060A	05	950-AS-11413 *	060E	38
775-HS-02541	112A	50	950-AS-10466 *	060E	10	950-AS-11519	060E	21
775-HS-10066	112A	52	950-AS-10499	060E	34	950-AS-11608	060A	01
778-AS-01043	057	01	950-AS-10506 *	060E	30	950-AS-11616	060A	07
787 EG 81157	010	13	950-AS-10514 *	060D	02	950-AS-11624 *	060A	02
787 EG 81157	015	39	950-AS-10539	060D	22	950-AS-11632 *	060A	03
787 EG 81173	010	12	950-AS-10547 *	060D	19	950-AS-11649 *	060A	04
787 EG 81181	010	10	950-AS-10555	060D	09	950-AS-11843	060E	17
787 EG 81181	011	08	950-AS-10563	060D	05	950-AS-11851	060E	15
787 EG 81198	010	11	950-AS-10571	060D	18	950-AS-12053 *	060B	12
787 EG 81205	010	08	950-AS-10588	060D	01	950-AS-12061	060B	37
882800000013	014	30	950-AS-10596	060D	20	950-AS-12078 *	060B	11
882800000014	015	02	950-AS-10603	060D	14	950-AS-12086	060B	08
935 EG 02289	016	10	950-AS-10628	060D	17	950-AS-12134 *	060B	01
935-AS-02792	138	06	950-AS-10636	060D	28	950-AS-12142	060B	16
935-HC-91092 *	083	14	950-AS-10644 *	060D	24	950-AS-12175	060B	13
935-HC-91092 *	086	14	950-AS-10652	060D	26	950-AS-12175	060D	31

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
950-AS-12183	060B	23	950-AS-13633	056	20	950-AS-63742	060D	21
950-AS-12191 *	060B	24	950-AS-13722	060D	15	950-AS-63757	060D	08
950-AS-12207 *	060B	25	950-AS-13771	060D	12	950-AS-63765	060D	04
950-AS-12215	060B	27	950-AS-13796	056	07	950-AS-63984	056	12
950-AS-12223 *	060B	26	950-AS-13917	060D	11	950-AS-64283	060C	07
950-AS-12248 *	060B	21	950-AS-13999	056	11	950-SK-00019	060F	34
950-AS-12256	060B	20	950-AS-14013	060C	11	950-SK-00027	060D	34
950-AS-12264	060B	28	950-AS-14013	060E	24	950-SK-00076	060C	24
950-AS-12289 *	060B	30	950-AS-14021	060F	06	950-SK-00084	060E	39
950-AS-12297 *	060B	04	950-AS-14054	056	14	950-SK-00116	060A	12
950-AS-12312 *	060B	17	950-AS-14102	060C	23	950-SK-00181	060B	42
950-AS-12345	060A	09	950-AS-14119	060C	02	955 EG 11274	012	06
950-AS-12353	060B	40	950-AS-14127	060C	03	955 EG 11274	015	15
950-AS-12361	060B	34	950-AS-14135	056	15	955 EG 81712	014	22
950-AS-12386	060B	41	950-AS-14176	060C	13	985 EG 02956	012	03
950-AS-12394	060B	38	950-AS-14265	060C	19	985 EG 11266	012	11
950-AS-12401	060B	05	950-AS-14298	060E	37	985 EG 81883	012	04
950-AS-12418	060B	03	950-AS-14305	060E	36	985 EG 81891	012	05
950-AS-12426	060B	19	950-AS-14313	060B	02	985 EG 81912	012	02
950-AS-12434	060B	14	950-AS-14402	060F	33	985-AC-02021	140	02
950-AS-12678	060E	05	950-AS-14443	060A	06	985-AC-02038	140	05
950-AS-12912	060F	13	950-AS-14532	060A	11	985-AC-02054	140	01
950-AS-12953	060F	02	950-AS-14792	060F	01	985-AC-02062	140	13
950-AS-12961	060F	16	950-AS-23004	056	13	985-AC-02087	140	19
950-AS-12978	060F	07	950-AS-23004	060F	28	985-AC-02095	140	24
950-AS-12986	060D	10	950-AS-23012	060F	25	985-TI-01002	153	17
950-AS-12986	060F	03	950-AS-23231	138	08	985-TI-11103	153	13
950-AS-12994	060F	18	950-AS-23289	056	16	985-TI-11111	153	11
950-AS-13041	060F	23	950-AS-23401	056	08	985-TI-11128	153	10
950-AS-13066	060E	19	950-AS-23442	056	19	985-TI-11396	153A	09
950-AS-13074	060A	10	950-AS-23442	060D	32	985-TM-11147	027	02
950-AS-13074	060C	12	950-AS-23442	060E	28	985-TM-11147	028	08
950-AS-13074	060D	29	950-AS-23686	056	38	985-TM-61116	026	27
950-AS-13074	060E	02	950-AS-23694	056	27	985-TM-61116	027	18
950-AS-13082	060D	30	950-AS-23844	056	09	985-TM-61116	030	33
950-AS-13082	060E	01	950-AS-60143	060F	24	985-TM-61124	027	16
950-AS-13122	060B	31	950-AS-60952	060C	01	985-TM-61132	031	27
950-AS-13147	060A	08	950-AS-62096	060B	09	985-ZZ-11388	113	23
950-AS-13155	060B	35	950-AS-62103	060B	10	C 1538	005	40
950-AS-13163	060B	32	950-AS-62111	060B	07	CBB00-06015	028	25
950-AS-13163	060B	36	950-AS-62128	060B	06	CBB00-06016	027	32
950-AS-13171	060F	04	950-AS-62152	060B	15	CBB00-06210	026	13
950-AS-13228	138	09	950-AS-62169	060B	18	CBB00-06216	030	26
950-AS-13277	056	17	950-AS-62233	060B	22	CBB00-06922	026	09
950-AS-13399	060F	12	950-AS-62274	060B	29	CBB00-06926	028	27
950-AS-13455	060B	33	950-AS-62322	060E	20	CBB00-32215	032	26
950-AS-13496	060D	33	950-AS-62339	060E	14	CBB30-06217	046	34
950-AS-13511	056	36	950-AS-62793	060B	39	CBF04-12228	027	17
950-AS-13536	060F	05	950-AS-63035	060F	20	CBN01-01612	036	32
950-AS-13617	056	10	950-AS-63473	060E	31	CBN01-02016	036	29

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
CBT02-30310	132	19	CCC07-22236	112	35	CFB01-21030	033	03
CBT02-30316	046	15	CCC07-22236	112	47	CFB01-21030	033	24
CBT02-31310	063	20	CCC07-22236	112A	35	CFB01-21030	036	06
CBT02-32017	032	09	CCC07-22236	112A	47	CFB01-21030	036	12
CBT02-32218	051	09	CCC07-24346	113	08	CFB01-21030	036	16
CBT02-32218	051	11	CCC10-00519	003	07	CFB01-21040	036	03
CBT02-32313	063	18	CCC10-00519	112	28	CFB01-21045	029	25
CBT02-32314	046	14	CCC10-00519	112A	28	CFB01-21045	064	13
CBX01-02925	028	41	CCC10-00536	006	41	CFB01-21050	028	35
CBX01-02932	027	08	CCC10-00536	006A	41	CFB01-21050	036	18
CBX01-03832	031	08	CCC10-00536	121	33	CFB01-21050	045	42
CBZ01-00635	026	21	CCC10-00823	114	11	CFB01-21055	032	61
CBZ01-00635	028	05	CCC10-00823	114	26	CFB01-21055	033	47
CBZ01-00635	031	07	CCC10-00834	039	21	CFB01-21055	122	10
CBZ01-00635	032	48	CCC10-00834	057	33	CFB01-21060	040A	08
CBZ01-00635	027	06	CCC13-01508	117	37	CFB01-21065	039	11
CCC01-02006	006	43	CCP02-20000	102	03	CFB01-21065	040	20
CCC01-02006	006A	43	CCP07-00760	142	38	CFB01-21065	040A	20
CCC01-02006	007	16	CCP07-00980	092	21	CFB01-21070	071	14
CCC01-03008	006	34	CCP07-00980	095	21	CFB01-21080	035	47
CCC01-03008	006A	34	CDP02-05080	029	13	CFB01-21085	033	26
CCC01-05012	006A	45	CEB01-01200	019	01	CFB01-21225	130	47
CCC01-08020	006	39	CET04-01175	015	31	CFB01-21240	045	23
CCC01-08020	006A	39	CET04-01175	019	14	CFB01-21245	006	24
CCC01-10410	071	45	CET04-02150	015	29	CFB01-21245	006A	24
CCC01-14513	040	24	CET04-02160	019	15	CFB01-21245	046	38
CCC01-14513	040A	24	CEY01-20832	126	04	CFB01-21245	117	49
CCC01-14513	064	18	CFB01-10660	071	46	CFB01-21250	045	18
CCC01-14513	071	06	CFB01-10840	056	44	CFB01-21250	144	15
CCC01-14513	112	11	CFB01-10840	057	30	CFB01-21255	129	17
CCC01-14513	112A	11	CFB01-10880	055	28	CFB01-21260	044	02
CCC01-16015	039	06	CFB01-20635	030	18	CFB01-21260	064	21
CCC02-24079	113	11	CFB01-20685	145	32	CFB01-21270	033	49
CCC02-24079	113	17	CFB01-20830	035	30	CFB01-21270	038	15
CCC04-10817	123	30	CFB01-20835	033	53	CFB01-21270	112	14
CCC05-08020	058	06	CFB01-20835	059	18	CFB01-21270	112A	14
CCC05-08065	014	27	CFB01-20845	035	41	CFB01-21650	045	29
CCC05-08065	016	03	CFB01-20850	035	34	CFB01-21655	024	05
CCC05-12110	056	32	CFB01-20850	036	35	CFB01-21660	045	11
CCC05-22135	016	20	CFB01-20850	039	14	CFB01-21665	142	19
CCC06-01814	055	09	CFB01-20855	070	21	CFB01-21665	142	33
CCC06-01814	056	03	CFB01-20860	033	42	CFB01-21665	142	39
CCC06-10814	139	19	CFB01-20860	035	45	CFB01-21675	045	04
CCC06-11214	133	17	CFB01-20860	121	18	CFB01-21680	030	04
CCC06-11414	061	21	CFB01-20875	122	18	CFB01-21685	045	12
CCC06-11814	007	31	CFB01-21025	025	13	CFB01-21685	142	42
CCC06-12514	114	08	CFB01-21025	036	23	CFB01-21695	007	09
CCC07-21529	118	24	CFB01-21025	040	08	CFB01-22040	128	09
CCC07-21529	119	23	CFB01-21025	100	34	CFB01-22065	072	22
CCC07-21529	121	39	CFB01-21030	029	18	CFB01-22075	092	18

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
CFB01-22075	095	20	CFB44-22005	143	05	CFN01-10652	043	12
CFB01-23060	072	19	CFD01-00045 *	096	03	CFN01-10652	071	48
CFB01-31005	123	24	CFK02-00313	036	26	CFN01-10806	103	07
CFB02-03525	027	29	CFL01-11210	124	24	CFN01-10868	004	19
CFB02-12430	153	15	CFL01-11610	042	31	CFN01-10868	005	12
CFB02-21000	039	24	CFL01-12012	043	04	CFN01-10868	061	15
CFB02-21000	117	07	CFL01-12012	133	13	CFN01-10868	122	32
CFB02-21030	033	40	CFL01-12512	035	55	CFN01-10868	127	09
CFB02-21040	033	27	CFL01-14518	026	18	CFN01-10868	127	22
CFB02-21600	024	04	CFL01-14818	032	55	CFN01-10868	133	07
CFB02-21600	075	08	CFL01-15220	032	41	CFN01-10868	135	22
CFB02-21610	143	17	CFL01-15520	031	25	CFN01-10868	140	12
CFB02-22010	143	08	CFL01-17525	028	38	CFN01-10868 *	104	07
CFB02-22020	128	13	CFL01-17525	031	34	CFN01-11030	055	08
CFB02-22050	128	10	CFL01-18025	027	31	CFN01-11084	122	43
CFB02-22400	142	11	CFL01-19030	031	44	CFN01-11210	121	25
CFB02-22400	146	02	CFL02 13515 **	100	12	CFN01-11211	005	09
CFB02-22410	142	21	CFL02-13012	038	11	CFN01-11211	014	36
CFB02-23035	134	10	CFL02-13515	067	12	CFN01-12012	108	20
CFB04-01228	028	19	CFL02-14018	037	12	CFN01-12012	111	20
CFB07 21430	060	21	CFL02-16220	097	03	CFN01-12422	153	16
CFB07-21420	061	28	CFL02-17025	032	47	CFN01-15242	129	14
CFB07-21435	130	31	CFL02-17025	098	05	CFN01-20868	035	14
CFB07-21435	144	18	CFL03-10110	026	08	CFN01-20868	035	39
CFB07-21440	029	07	CFL03-10130	028	26	CFN01-20868	055	26
CFB07-21440	032	02	CFL04-10115	028	24	CFN01-20868	056	06
CFB07-21445	025	03	CFL04-10150	046	33	CFN01-20868	114	29
CFB07-21445	046	10	CFL04-10180	046	28	CFN01-20868	118	23
CFB07-21470	029	09	CFL06-10090	026	12	CFN01-20868	125	22
CFB07-21475	040	26	CFL06-10125	027	33	CFN01-21084	036	39
CFB07-21475	040A	26	CFL06-10140	031	41	CFN01-21084	055	07
CFB07-21480	042	27	CFL06-10150	026	07	CFN01-21084	056	35
CFB07-21840	138	04	CFL10-00054	089	12	CFN01-21084	064	15
CFB07-21870	001	07	CFL10-00059	097	14	CFN01-21084	117	19
CFB07-22220	122	23	CFL10-00069	083	12	CFN01-21084	145	06
CFB08-21465	029	05	CFL10-00069	086	12	CFN01-21084	152	26
CFB08-21820	001	01a	CFL10-00069	092	11	CFN01-21210	117	51
CFB08-21840	001	01	CFL10-00069	095	11	CFN01-21211	059	21
CFB17-11245	134	25	CFL10-00069	096	04	CFN01-21211	064	23
CFB17-12035	083	19	CFL10-00069	098	10	CFN01-21211	152	09
CFB17-12035	086	19	CFL10-00069	099	08	CFN01-21211	152	20
CFB17-12035	089	20	CFN01-10432	014	10	CFN01-21615	075	11
CFB17-12035	092	25	CFN01-10432	016	17	CFN01-21615	116	14
CFB17-12035	095	25	CFN01-10432	134	08	CFN01-21615	124	17
CFB17-31230	023	06	CFN01-10547	080	18	CFN01-21615	142	35
CFB19-51285	004	14	CFN01-10652	005	21	CFN01-21615	142	41
CFB23-12027	025	05	CFN01-10652	014	18	CFN01-21615	142	44
CFB25-11032	132	24	CFN01-10652	014	26	CFN01-21615	143	19
CFB43-21040	023	08	CFN01-10652	016	04	CFN01-22018	019	10
CFB43-21455	132	05	CFN01-10652	042	44	CFN01-22018	065	16

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
CFN01-22018	092	20	CFN28-11011	113	10	CFP01-08050	142	04
CFN01-22018	095	18	CFN33-01008	042	16	CFP01-08080	128	05
CFN01-22018	128	12	CFN33-01008	042	33	CFP01-08080	130	34
CFN01-22018	143	10	CFN33-01210	004	16	CFP01-10170	145	36
CFN01-22422	128	15	CFN33-02013	063	37	CFP01-10622	127	12
CFN01-22422	129	10	CFN33-02716	063	33	CFP01-10822	043	10
CFN01-22422	131	32	CFN33-03929	063	22	CFP01-11610	127	13
CFN01-22422	142	13	CFN35-10605	136	27	CFP01-11610	127	26
CFN01-22422	142	23	CFN35-10805	005	16	CFP01-11610	136	25
CFN01-22422	146	04	CFN35-10805	005	32	CFP01-12012	127	11
CFN01-22422	147	24	CFN35-10805	125	27	CFP01-12012	127	24
CFN01-22422	147	29	CFN35-10805	126	09	CFP01-12015	059	26
CFN01-22422	149	03	CFN35-10805	127	07	CFP01-13015	061	05
CFN01-23026	064	02	CFN35-10805	127	20	CFP01-13020	061	09
CFN01-23026	130	28	CFN35-10825	004	22	CFP01-13025	059	31
CFN01-23629	144	31	CFN35-11006	042	15	CFP01-16060	062	17
CFN02-10868	014	20	CFN35-11006	042	23	CFP01-16060	063	23
CFN02-13310	062	23	CFN36-11008	059	25	CFP02-10618	124	26
CFN02-22414	039	18	CFN40-06814	051	07	CFP02-10620	073	23
CFN03-10120	028	20	CFN44 13638 *	083	05	CFP02-10622	125	23
CFN03-20809	004	31	CFN44-12426 *	089	05	CFP02-10622	126	07
CFN03-22427	062	29	CFN44-13033	099	17	CFP02-10622	127	25
CFN03-23033	062	16	CFN44-13033 *	097	07	CFP02-10822	004	24
CFN03-23033	062	32	CFN44-13638 *	086	05	CFP02-10822	005	13
CFN03-24548	128	04	CFN44-13638 *	092	05	CFP02-10822	005	33
CFN03-24548	130	33	CFN44-13638 *	095	05	CFP02-10822	042	48
CFN04-11411	014	06	CFN44-13638 *	096	15	CFP02-10822	125	25
CFN04-11815	001	02	CFN44-13941	098	19	CFP02-10822	126	10
CFN04-12722	142	10	CFNO1-20868	126	06	CFP02-10822	127	10
CFN19-11408 *	103	40	CFNO1-21084	133	16	CFP02-10822	127	23
CFN19-21008	042	14	CFNO1-21615	117	14	CFP02-10825	133	09
CFN19-21008	042	25	CFP01-01610	073	24	CFP02-10828	005	24
CFN19-21210	043	07	CFP01-01610	124	28	CFP02-10828	042	38
CFN19-21210	131	25	CFP01-01610	125	24	CFP02-11030	061	03
CFN19-21411	132	06	CFP01-01610	126	08	CFP02-11030	061	11
CFN19-21613	042	46	CFP01-02012	004	25	CFP02-11235	061	07
CFN19-21613	043	13	CFP01-02012	005	14	CFP04-00820 *	067	15
CFN19-31008	023	10	CFP01-02012	125	26	CFP04-00820 **	100	15
CFN19-31411	066	06	CFP01-02012	126	11	CFP04-00820 **	100	27
CFN19-32016	143	07	CFP01-02012	133	10	CFP04-01024	036	09
CFN24-10809	118	26	CFP01-02016	004	32	CFP04-01024	131	14
CFN24-10809	119	24	CFP01-02016	042	39	CFP04-01024 *	037	15
CFN24-10809	130	15	CFP01-02018	042	17	CFP04-01228	026	34
CFN24-10810	123	31	CFP01-03220	004	17	CFP04-01228	030	11
CFN24-11011	134	20	CFP01-04025	004	26	CFP04-01228	031	20
CFN24-20809	121	40	CFP01-04025	005	30	CFP04-01434	045	28
CFN28-11011	112	37	CFP01-04025	062	05	CFP04-01638	045	03
CFN28-11011	112	49	CFP01-04032	063	38	CFP04-01842	129	06
CFN28-11011	112A	37	CFP01-05045	062	30	CFP05-10832	127	19
CFN28-11011	112A	49	CFP01-05045	063	34	CFP11-00816	043	11

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
CFP13-04040 *	035	12	CFS01-20820	006A	07	CFS01-21020	070	24
CFP13-05040	135	16	CFS01-20820	014	21	CFS01-21020	072	11
CFP13-10020	145	29	CFS01-20820	041	21	CFS01-21020	112	32
CFP13-10532	042	05	CFS01-20820	056	04	CFS01-21020	112	44
CFP13-10620	004	11	CFS01-20820	102	08	CFS01-21020	112A	32
CFP13-10650	072	25	CFS01-20820	114	28	CFS01-21020	112A	44
CFP13-10650	132	21	CFS01-20820	117	38	CFS01-21020	113	12
CFR01-00830	059	03	CFS01-20820	119	21	CFS01-21020	113	18
CFR06-00614 *	059	07	CFS01-20820	124	08	CFS01-21020	114	09
CFS01-10410	136	51	CFS01-20820	124	31	CFS01-21020	115	20
CFS01-10612	007	06	CFS01-20820	132	16	CFS01-21020	117	35
CFS01-10612	010	05	CFS01-20820	133	05	CFS01-21020	121	43
CFS01-10612	015	25	CFS01-20820	139	14	CFS01-21020	122	34
CFS01-10612	015	06	CFS01-20825	015	36	CFS01-21020	124	19
CFS01-10616	148	07	CFS01-20825	057	03	CFS01-21020	124	40
CFS01-10625	012	10	CFS01-20825	118	21	CFS01-21020	130	11
CFS01-10625	014	17	CFS01-20825	121	36	CFS01-21020	144	10
CFS01-10625	015	11	CFS01-20825	135	21	CFS01-21025	065	13
CFS01-10625	016	09	CFS01-20825	136	05	CFS01-21025	071	03
CFS01-10675	143	16	CFS01-20825	136	13	CFS01-21025	072	31
CFS01-10816	071	17	CFS01-20830	005	06	CFS01-21025	073	13
CFS01-10820	071	09	CFS01-20830	015	13	CFS01-21025	074	05
CFS01-10820	140	06	CFS01-20830	041	17	CFS01-21025	075	15
CFS01-10825	140	08	CFS01-20830	042	09	CFS01-21025	112	08
CFS01-10830	071	26	CFS01-20830	112	19	CFS01-21025	112A	08
CFS01-11030	039	23	CFS01-20830	112A	19	CFS01-21025	124	34
CFS01-11030	040	04	CFS01-20830	122	30	CFS01-21025	124	41
CFS01-11030	040A	04	CFS01-20830	123	33	CFS01-21030	006	38
CFS01-13032 *	100	33	CFS01-20830	136	46	CFS01-21030	006A	38
CFS01-20612	041	06	CFS01-20830	136	49	CFS01-21030	071	19
CFS01-20612	042	50	CFS01-20840	124	49	CFS01-21030	073	02
CFS01-20612	058	07	CFS01-20860	123	35	CFS01-21030	074	10
CFS01-20612	144	26	CFS01-20865	115	23	CFS01-21030	075	17
CFS01-20612	150	03	CFS01-20865	119	17	CFS01-21030	131	03
CFS01-20616	079	05	CFS01-20880	112	23	CFS01-21030	133	15
CFS01-20616	124	04	CFS01-20880	112A	23	CFS01-21030	133	18
CFS01-20620	023	03	CFS01-21005	145	04	CFS01-21031	122	07
CFS01-20620	136	50	CFS01-21016	007	32	CFS01-21035	039	03
CFS01-20812	006	10	CFS01-21016	015	21	CFS01-21035	043	17
CFS01-20812	006A	10	CFS01-21016	061	22	CFS01-21035	055	35
CFS01-20812	139	15	CFS01-21016	071	30	CFS01-21035	072	15
CFS01-20816	006	13	CFS01-21016	071	34	CFS01-21035	112	03
CFS01-20816	006A	13	CFS01-21016	139	16	CFS01-21035	112A	03
CFS01-20816	007	24	CFS01-21020	006	21	CFS01-21035	152	24
CFS01-20816	112	54	CFS01-21020	006A	21	CFS01-21045	123	26
CFS01-20816	139	13	CFS01-21020	014	24	CFS01-21050	115	27
CFS01-20820	003	05	CFS01-21020	038	13	CFS01-21060	116	07
CFS01-20820	004	02	CFS01-21020	055	21	CFS01-21075	114	31
CFS01-20820	005	23	CFS01-21020	061	17	CFS01-21090	117	17
CFS01-20820	006	07	CFS01-21020	065	19	CFS01-21220	023	15

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
CFS01-21220	072	03	CFS01-31225	117	47	CFS02-10416	016	23
CFS01-21225	004	07	CFS01-31225	122	38	CFS02-10542	080	17
CFS01-21225	016	21	CFS01-31225	144	23	CFS02-10610	140	10
CFS01-21225	041	02	CFS01-31225	144	36	CFS02-10616	002	06
CFS01-21225	062	10	CFS01-31225	145	14	CFS02-10816	015	32
CFS01-21225	063	26	CFS01-31225	147	17	CFS02-10820	010	15
CFS01-21225	065	09	CFS01-31225	148	05	CFS13-00516	135	08
CFS01-21225	073	11	CFS01-31230	028	17	CFS13-20616	103	16
CFS01-21225	075	20	CFS01-31230	031	04	CFS13-20616	103	22
CFS01-21225	113	20	CFS01-31230	031	45	CFS13-21025	112A	54
CFS01-21225	118	17	CFS01-31230	050	04	CFS13-40620	104	17
CFS01-21225	125	17	CFS01-31230	050	08	CFS13-40620	104	23
CFS01-21225	130	38	CFS01-31230	050	14	CFS15-10410	134	07
CFS01-21225	142	17	CFS01-31230	050	18	CFS15-10412	136	19
CFS01-21225	143	13	CFS01-31230	061	12	CFS15-10412	136	21
CFS01-21225	143	23	CFS01-31230	061	25	CFS15-10412	136	30
CFS01-21230	014	35	CFS01-31230	135	17	CFS15-10412	136	35
CFS01-21230	040	12	CFS01-31230	144	30	CFS15-10612	136	15
CFS01-21230	056	40	CFS01-31230	147	11	CFS15-10612	136	16
CFS01-21230	073	07	CFS01-31235	030	08	CFS15-10820	041	10
CFS01-21230	102	22	CFS01-31235	032	12	CFS31-00610	138	05
CFS01-21230	130	19	CFS01-31235	032	15	CFS33-03060	029	14
CFS01-21230	152	02	CFS01-31235	032	29	CFT03-31245	131	24
CFS01-21235	006	28	CFS01-31235	032	45	CFW01- 11030 *	100	35
CFS01-21235	006A	28	CFS01-31235	033	55	CFW01-10410	011	04
CFS01-21235	040	31	CFS01-31235	045	35	CFW01-10410	015	08
CFS01-21235	040A	31	CFS01-31235	046	25	CFW01-10410	080	04
CFS01-21235	124	11	CFS01-31235	134	02	CFW01-10410	134	09
CFS01-21235	132	13	CFS01-31240	075	22	CFW01-10410	136	52
CFS01-21235	152	06	CFS01-31240	138	18	CFW01-10513	135	09
CFS01-21235	152	16	CFS01-31640	007	12	CFW01-10619	002	07
CFS01-21235	152	19	CFS01-31640	045	32	CFW01-10619	007	07
CFS01-21240	102	10	CFS01-31640	051	21	CFW01-10619	010	06
CFS01-21240	131	20	CFS01-31645	051	23	CFW01-10619	012	09
CFS01-21240	131	22	CFS01-31840	004	28	CFW01-10619	014	19
CFS01-21245	121	23	CFS01-32040	151	05	CFW01-10619	014	34
CFS01-21630	072	29	CFS01-32405	147	31	CFW01-10619	015	22
CFS01-21635	006	18	CFS01-32435	147	28	CFW01-10619	015	04
CFS01-21635	006A	18	CFS01-32455	147	21	CFW01-10619	016	05
CFS01-21640	130	21	CFS01-32455	147	26	CFW01-10619	028	40
CFS01-30616	028	39	CFS01-32460	145	08	CFW01-10619	030	19
CFS01-30820	031	28	CFS01-32470	128	14	CFW01-10619	041	07
CFS01-30820	045	48	CFS01-32470	149	02	CFW01-10619	058	08
CFS01-31020	028	33	CFS01-32485	147	23	CFW01-10619	124	05
CFS01-31020	051	17	CFS01-32490	131	28	CFW01-10619	134	26
CFS01-31020	134	22	CFS01-51020	122	26	CFW01-10619	136	02
CFS01-31025	140	09	CFS02-10408	080	03	CFW01-10619	140	11
CFS01-31220	045	09	CFS02-10412	011	03	CFW01-10619	144	27
CFS01-31225	046	04	CFS02-10412	015	09	CFW01-10619	150	04
CFS01-31225	079	02	CFS02-10416	014	11	CFW01-10816	007	26

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
CFW01-10825	003	06	CFW01-10825	136	06	CFW01-11030	073	03
CFW01-10825	004	03	CFW01-10825	136	14	CFW01-11030	074	06
CFW01-10825	005	07	CFW01-10825	136	47	CFW01-11030	075	16
CFW01-10825	006	08	CFW01-10825	139	12	CFW01-11030	112	04
CFW01-10825	006A	08	CFW01-10825	140	07	CFW01-11030	112	09
CFW01-10825	007	25	CFW01-10929	132	23	CFW01-11030	112	33
CFW01-10825	015	33	CFW01-11030	006	22	CFW01-11030	112	45
CFW01-10825	019	05	CFW01-11030	006A	22	CFW01-11030	112A	04
CFW01-10825	019	09	CFW01-11030	007	33	CFW01-11030	112A	09
CFW01-10825	031	29	CFW01-11030	014	25	CFW01-11030	112A	33
CFW01-10825	033	41	CFW01-11030	015	20	CFW01-11030	112A	45
CFW01-10825	033	43	CFW01-11030	025	12	CFW01-11030	112A	56
CFW01-10825	033	54	CFW01-11030	025	14	CFW01-11030	113	13
CFW01-10825	035	31	CFW01-11030	028	34	CFW01-11030	113	19
CFW01-10825	035	35	CFW01-11030	028	36	CFW01-11030	114	10
CFW01-10825	035	42	CFW01-11030	029	19	CFW01-11030	114	32
CFW01-10825	035	46	CFW01-11030	029	26	CFW01-11030	115	21
CFW01-10825	036	36	CFW01-11030	032	62	CFW01-11030	115	28
CFW01-10825	039	15	CFW01-11030	033	04	CFW01-11030	116	08
CFW01-10825	041	18	CFW01-11030	033	25	CFW01-11030	117	08
CFW01-10825	042	10	CFW01-11030	033	28	CFW01-11030	117	18
CFW01-10825	045	49	CFW01-11030	033	48	CFW01-11030	117	36
CFW01-10825	056	41	CFW01-11030	035	48	CFW01-11030	121	44
CFW01-10825	059	35	CFW01-11030	036	04	CFW01-11030	122	08
CFW01-10825	070	22	CFW01-11030	036	07	CFW01-11030	122	11
CFW01-10825	071	10	CFW01-11030	036	13	CFW01-11030	122	27
CFW01-10825	071	18	CFW01-11030	036	17	CFW01-11030	122	35
CFW01-10825	071	27	CFW01-11030	036	19	CFW01-11030	124	20
CFW01-10825	102	09	CFW01-11030	036	24	CFW01-11030	124	35
CFW01-10825	112	20	CFW01-11030	036	40	CFW01-11030	124	42
CFW01-10825	112	55	CFW01-11030	038	14	CFW01-11030	130	12
CFW01-10825	112A	20	CFW01-11030	039	04	CFW01-11030	131	04
CFW01-10825	114	30	CFW01-11030	040	05	CFW01-11030	133	19
CFW01-10825	115	24	CFW01-11030	040A	05	CFW01-11030	134	23
CFW01-10825	117	39	CFW01-11030	042	22	CFW01-11030	139	17
CFW01-10825	118	22	CFW01-11030	043	18	CFW01-11030	140	04
CFW01-10825	119	18	CFW01-11030	045	43	CFW01-11030	145	05
CFW01-10825	119	22	CFW01-11030	056	37	CFW01-11030	152	25
CFW01-10825	121	19	CFW01-11030	060	17	CFW01-11030 *	100	31
CFW01-10825	121	37	CFW01-11030	061	18	CFW01-11225	102	12
CFW01-10825	122	19	CFW01-11030	061	23	CFW01-11230	144	11
CFW01-10825	122	31	CFW01-11030	065	14	CFW01-11236	004	06
CFW01-10825	123	34	CFW01-11030	070	25	CFW01-11236	004	13
CFW01-10825	123	36	CFW01-11030	071	04	CFW01-11236	006	25
CFW01-10825	124	09	CFW01-11030	071	15	CFW01-11236	006A	25
CFW01-10825	124	32	CFW01-11030	071	20	CFW01-11236	016	22
CFW01-10825	124	50	CFW01-11030	071	31	CFW01-11236	028	18
CFW01-10825	132	17	CFW01-11030	071	35	CFW01-11236	030	09
CFW01-10825	133	04	CFW01-11030	072	13	CFW01-11236	031	05
CFW01-10825	135	23	CFW01-11030	072	16	CFW01-11236	031	46

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
CFW01-11236	032	13	CFW01-11236	131	23	CFW01-12472	149	04
CFW01-11236	032	16	CFW01-11236	131	26	CFW01-13092	064	03
CFW01-11236	032	30	CFW01-11236	134	03	CFW01-20825	112	24
CFW01-11236	032	46	CFW01-11236	135	18	CFW01-20825	112A	24
CFW01-11236	033	50	CFW01-11236	142	18	CFW01-21030	123	27
CFW01-11236	033	56	CFW01-11236	143	14	CFW02-10408	014	09
CFW01-11236	038	16	CFW01-11236	143	24	CFW02-10408	016	18
CFW01-11236	040	13	CFW01-11236	144	16	CFW02-10608	041	08
CFW01-11236	040	32	CFW01-11236	144	24	CFW02-10608	124	27
CFW01-11236	040A	32	CFW01-11236	144	32	CFW02-10610	124	06
CFW01-11236	041	03	CFW01-11236	144	37	CFW02-10616	136	17
CFW01-11236	044	03	CFW01-11236	145	15	CFW02-10816	005	25
CFW01-11236	045	24	CFW01-11236	147	12	CFW02-10816	010	07
CFW01-11236	045	36	CFW01-11236	147	18	CFW02-10816	019	06
CFW01-11236	046	05	CFW01-11236	148	06	CFW02-10816	041	11
CFW01-11236	050	05	CFW01-11236	152	03	CFW02-10816	042	40
CFW01-11236	050	09	CFW01-11236	152	07	CFW02-10816	071	11
CFW01-11236	050	15	CFW01-11236	152	17	CFW02-10816	119	19
CFW01-11236	050	19	CFW01-11236 *	037	14	CFW02-11020	059	24
CFW01-11236	055	27	CFW01-11236 *	067	14	CFW02-11020	112A	55
CFW01-11236	056	02	CFW01-11236 **	100	14	CFW02-11020	134	21
CFW01-11236	057	04	CFW01-11236 **	100	26	CFW02-11225	124	23
CFW01-11236	061	13	CFW01-11422	130	32	CFW02-11225	152	04
CFW01-11236	061	26	CFW01-11442	025	04	CFW02-11425	066	08
CFW01-11236	061	29	CFW01-11442	029	06	CFW02-11425	152	08
CFW01-11236	062	11	CFW01-11442	029	08	CFW02-11630	063	39
CFW01-11236	063	27	CFW01-11442	029	10	CFW02-13960	062	27
CFW01-11236	064	22	CFW01-11442	032	03	CFW02-13960	063	21
CFW01-11236	065	10	CFW01-11442	040	27	CFW03-10616	079	06
CFW01-11236	072	04	CFW01-11442	040A	27	CFW03-10616	136	24
CFW01-11236	073	08	CFW01-11442	042	28	CFW03-10616	148	08
CFW01-11236	075	21	CFW01-11442	060	22	CFW03-10816	136	48
CFW01-11236	075	23	CFW01-11442	066	07	CFW03-10816	139	11
CFW01-11236	079	03	CFW01-11442	144	19	CFW03-11020	061	04
CFW01-11236	102	11	CFW01-11619	071	47	CFW03-11020	072	12
CFW01-11236	102	23	CFW01-11648	006	19	CFW03-11020	072	17
CFW01-11236	112	15	CFW01-11648	006A	19	CFW03-11225	004	15
CFW01-11236	112A	15	CFW01-11648	007	10	CFW03-11225	061	08
CFW01-11236	113	21	CFW01-11648	072	30	CFW03-21631	005	29
CFW01-11236	117	48	CFW01-11648	075	09	CFW05-06023	042	51
CFW01-11236	117	50	CFW01-11648	116	13	CFW05-06023	144	28
CFW01-11236	118	18	CFW01-11648	117	13	CFW05-08023	004	30
CFW01-11236	121	24	CFW01-11648	124	16	CFW05-08023	112	56
CFW01-11236	122	24	CFW01-11648	142	34	CFW05-08023	118	25
CFW01-11236	122	39	CFW01-11648	142	40	CFW05-08023	119	25
CFW01-11236	124	12	CFW01-11648	142	43	CFW05-08023	121	41
CFW01-11236	125	18	CFW01-12060	092	19	CFW05-08023	123	32
CFW01-11236	129	18	CFW01-12060	095	19	CFW05-08023	130	16
CFW01-11236	130	20	CFW01-12060	151	06	CFW05-10032	006	23
CFW01-11236	131	21	CFW01-12472	131	31	CFW05-10032	006A	23

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
CFW05-10032	036	05	CFW05-24060	112	05	CGR03-00820 *	099	14
CFW05-10032	036	08	CFW05-24060	112	36	CGR03-01230*	098	13
CFW05-10032	043	19	CFW05-24060	112	48	CHC01-08048	067	17a
CFW05-10032	059	39	CFW05-24060	112A	05	CHC01-08048	100	38A
CFW05-10032	064	14	CFW05-24060	112A	36	CHC01-08048	037	17A
CFW05-10032	071	21	CFW05-24060	112A	48	CHC01-10052	067	17b
CFW05-10032	073	20	CFW05-24060	113	09	CHC01-12070	100	38B
CFW05-10032	074	07	CFW05-24060	115	22	CHC01-24059	037	17B
CFW05-12032	006	26	CFW05-24060	128	19	CHC04-02016	067	17c
CFW05-12032	006A	26	CFW05-24060	129	09	CHC04-04019	100	38C
CFW05-12032	023	16	CFW05-24060	131	29	CHC04-06021	037	17C
CFW05-12032	040	35	CFW05-24060	142	12	CHH01-20970	007	15
CFW05-12032	040A	35	CFW05-24060	142	22	CHH01-20970	007	17
CFW05-12032	041	04	CFW05-24060	145	09	CHH05-00437	122	20
CFW05-12032	045	10	CFW05-24060	146	03	CHH05-00439	122	21
CFW05-12032	045	19	CFW05-24060	147	22	CHH05-00810	122	13
CFW05-12032	061	30	CFW05-24060	147	25	CHH05-00811	122	12
CFW05-12032	073	09	CFW05-24060	147	27	CHH06-00605	070	26
CFW05-12032	117	41	CFW05-24060	147	30	CHH06-00606	070	26A
CFW05-12032	144	38	CFW05-27080	063	35	CHH06-00808	119	11
CFW05-12032	147	19	CFW05-27080	142	08	CHH06-00809	121	03
CFW05-14045	046	11	CFW05-30080	062	15	CHH06-00809	123	06
CFW05-16045	007	11	CFW05-30080	064	04	CHH06-00810	119	16
CFW05-16045	024	06	CFW05-30080	072	20	CHH06-20409	114	24
CFW05-16045	030	05	CFW05-30080	142	09	CHH06-20410	114	23
CFW05-16045	042	30	CFW05-32460	147	32	CHH06-20804	071	49
CFW05-16045	045	05	CFW05-33380	062	21	CHH06-20805	120	09
CFW05-16045	045	13	CFW14-13318	062	22	CHH06-20806	117	26
CFW05-16045	045	30	CFW21-26823	051	06	CHH06-20807	116	03
CFW05-16045	045	33	CFY01-20832	125	20	CHH06-20807	117	03
CFW05-16045	051	22	CFY02-10844	004	23	CHH06-20807	119	04
CFW05-16045	051	24	CFY02-10844	005	11	CHH06-20808	070	12
CFW05-16045	075	10	CFY02-10844	005	15	CHH06-20808	123	17
CFW05-16045	124	15	CFY02-10844	133	06	CHH06-20810	115	12
CFW05-16045	130	05	CFY05-10829	005	10	CHH06-20810	120	10
CFW05-16045	130	05	CFY05-10832	127	06	CHH06-20810	121	28
CFW05-16045	130	05	CFY05-10837	004	21	CHH06-20811	070	13
CFW05-16045	142	20	CFY05-11051	042	20	CHH06-20812	121	10
CFW05-16045	143	18	CFY05-30836	005	31	CHH06-20815	070	11
CFW05-16045	145	33	CFY17-00850 *	035	38	CHH06-20816	118	10
CFW05-16045	147	05	CGR01-01008	073	16	CHH06-20819	115	05
CFW05-18045	001	03	CGR01-01008	139	18	CHH06-20819	118	03
CFW05-20060	043	03	CGR01-03614	073	15	CHH06-20819	120	04
CFW05-20060	063	36	CGR03-00615 *	089	16	CHH06-20819	120	05
CFW05-20060	072	23	CGR03-00820 *	083	16	CHH06-20820	115	06
CFW05-20060	128	11	CGR03-00820 *	086	16	CHH06-20820	118	04
CFW05-20060	143	06	CGR03-00820 *	092	15	CHH06-21010	112	27
CFW05-20060	143	09	CGR03-00820 *	095	15	CHH06-21010	112A	27
CFW05-24060	062	20	CGR03-00820 *	096	14	CHH06-21010	114	04
CFW05-24060	062	28	CGR03-00820 *	097	06	CHH06-21012	112	26

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
CHH06-21012	112A	26	CHS01-02145	046	06	CHS01-05400	045	16
CHH06-21217	071	28	CHS01-03022	040	22	CHS01-05400	051	20
CHH22-20608	039	16	CHS01-03022	040A	22	CHS01-05410	045	14
CHH22-20610	039	20	CHS01-03022	107	07	CHS01-08085 *	092	08
CHH22-21003	114	18	CHS01-03022	108	09	CHS01-11008	030	12
CHH22-21205	040	01	CHS01-03022	111	09	CHS01-12012	033	52
CHH22-21205	040A	01	CHS01-03025	040	07	CHS01-12014	033	30
CHH22-21206	040	15	CHS01-03025	040A	07	CHS01-12018	035	59
CHH22-21206	040A	15	CHS01-03025	071	24	CHS01-12020	110	04
CHH22-21210	040A	16	CHS01-03025	112	18	CHS01-12021	025	08
CHH22-21214	040	16	CHS01-03025	112	22	CHS01-12021	032	58
CHS01-02008	102	18	CHS01-03025	112A	18	CHS01-12021	033	29
CHS01-02010	038	04	CHS01-03025	112A	22	CHS01-12021	033	39
CHS01-02011	103	41	CHS01-03025 *	089	18	CHS01-12021	035	51
CHS01-02012	069	08	CHS01-03028	039	25	CHS01-12021	035	53
CHS01-02012	108	18	CHS01-03028	040	03	CHS01-12021	035	57
CHS01-02012	111	18	CHS01-03028	040	18	CHS01-13022	033	58
CHS01-02014	103	28	CHS01-03028	040A	03	CHS01-13025	029	17
CHS01-02014	104	29	CHS01-03028	040A	18	CHS01-13025	029	24
CHS01-02014	104	34	CHS01-03030	039	13	CHS01-13025	033	45
CHS01-02016	069	10	CHS01-03035	039	10	CHS01-13028	036	21
CHS01-02018	116	18	CHS01-03035	040	11	CHS01-13030	029	21
CHS01-02020	109	04	CHS01-03035	040A	11	CHS01-13032	033	19
CHS01-02020	109	13	CHS01-03035	071	13	CHS01-13035	032	64
CHS01-02021	107	08	CHS01-03035	112	07	CHS01-13035	033	05
CHS01-02021	108	10	CHS01-03035	112A	07	CHS01-13035	033	59
CHS01-02021	111	10	CHS01-03038 *	083	17	CHS01-13040	104	04
CHS01-02065 *	089	08	CHS01-03038 *	086	17	CHS01-13042	039	02
CHS01-02075	025	18	CHS01-03038 *	092	16	CHS01-13045	025	19
CHS01-02075	131	19	CHS01-03038 *	095	16	CHS01-13045	032	60
CHS01-02085	071	22	CHS01-03040 *	103	04	CHS01-13045	033	09
CHS01-02085	112	02	CHS01-03042	071	02	CHS02-02012	069	09
CHS01-02085	112A	02	CHS01-03045	040	30	CHS02-02020	109	03
CHS01-02085	131	30	CHS01-03045	040A	30	CHS02-02020	109	12
CHS01-02085 *	083	08	CHS01-03045	113	22	CHS02-02020	110	03
CHS01-02085 *	086	08	CHS01-03050	040	28	CHS02-02021	107	09
CHS01-02085 *	095	08	CHS01-03050	040A	28	CHS02-02021	108	11
CHS01-02085 *	096	09	CHS01-03050	117	45	CHS02-02021	111	11
CHS01-02085 *	097	09	CHS01-03068	112	13	CHS02-02065 *	089	07
CHS01-02090	025	10	CHS01-03068	112A	13	CHS02-02085 *	083	07
CHS01-02090	051	14	CHS01-03098	038	05	CHS02-02085 *	086	07
CHS01-02095 *	099	05	CHS01-03098	102	21	CHS02-02085 *	092	07
CHS01-02105	040	34	CHS01-05048	030	32	CHS02-02085 *	095	07
CHS01-02105	040A	34	CHS01-05055	030	02	CHS02-02085 *	096	08
CHS01-02125 *	098	07	CHS01-05090	072	07	CHS02-02085 *	097	10
CHS01-02130	063	24	CHS01-05150	030	10	CHS02-02095 *	099	06
CHS01-02130	131	15	CHS01-05150	032	08	CHS02-03025 *	089	17
CHS01-02135	045	25	CHS01-05185	046	03	CHS02-03038 *	083	18
CHS01-02145	032	31	CHS01-05195	032	17	CHS02-03038 *	086	18
CHS01-02145	032	50	CHS01-05220	131	05	CHS02-03038 *	092	17

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
CHS02-03038 *	095	17	CHS03-02434	103	32	CLN01-10090	145	31
CHS03-01823	131	09	CHS03-02434	103	43	CLN01-10675	062	07
CHS03-02014	030	31	CHS03-02434	104	27	CLN01-10675	063	14
CHS03-02016	069	11	CHS03-02434	104	30	CLN01-10675	072	08
CHS03-02034	070	10	CHS03-02434	104	32	CLN01-10675	128	21
CHS03-02034	070	19	CHS03-02434	104	35	CLN01-10675	129	11
CHS03-02034	070	28	CHS03-02434	112	39	CLN01-10675	142	31
CHS03-02034	070	31	CHS03-02434	112	51	CLN01-10900	064	28
CHS03-02034	109	10	CHS03-02434	112	53	CLN01-10900	065	05
CHS03-02034	109	19	CHS03-02434	112A	51	CLN01-10900	092	22
CHS03-02034	112A	39	CHS03-02434	114	06	CLN01-10900	095	22
CHS03-02034	112A	53	CHS03-02434	114	17	CLN01-10900	142	37
CHS03-02034	113	03	CHS03-02434	114	20	CLNO1-10000	129	23
CHS03-02034	114	02	CHS03-03034	107	13	CMS02-00702	142	29
CHS03-02034	115	03	CHS03-03034	108	15	CMS02-00705	142	28
CHS03-02034	115	09	CHS03-03034	109	05	CMS02-00902	092	24
CHS03-02034	115	11	CHS03-03034	109	14	CMS02-00902	095	24
CHS03-02034	115	15	CHS03-03034	110	05	CMS02-00905	092	23
CHS03-02034	115	30	CHS03-03034	111	15	CMS02-00905	095	23
CHS03-02034	116	02	CHS03-03034	131	07	CPF04-11522	121	14
CHS03-02034	117	02	CHS03-03334	106	08	CPF06-01412	029	28
CHS03-02034	117	24	CHS03-03334	107	06	CPF06-01612	042	45
CHS03-02034	117	28	CHS03-03334	108	08	CPF06-01612	043	14
CHS03-02034	117	33	CHS03-03334	111	08	CPF12-11014	029	27
CHS03-02034	118	02	CHS03-03634	029	12	CPF15-10315	070	30
CHS03-02034	118	07	CHS03-12034	110	10	CPF15-10422	070	18
CHS03-02034	118	12	CHS03-12434	045	51	CPF15-10422	117	32
CHS03-02034	119	02	CHS03-12434	050	11	CPF15-10422	119	09
CHS03-02034	119	08	CHS03-12434	050	22	CPF15-10422	123	11
CHS03-02034	119	14	CHS03-12434	114	35	CPF17-10315	070	27
CHS03-02034	120	02	CHS04-03036	045	40	CPF17-10422	112	38
CHS03-02034	120	07	CHS07-00062	131	11	CPF17-10422	114	05
CHS03-02034	120	12	CHS07-00085	046	07	CPF17-10422	114	19
CHS03-02034	121	02	CHS07-00095	046	31	CPF17-10422	115	14
CHS03-02034	121	13	CHS07-10075	030	13	CPF17-10422	117	27
CHS03-02034	121	16	CHS08-00507 *	099	09	CPF17-10422	118	15
CHS03-02034	121	27	CHS13-00070	142	30	CPF17-10422	119	13
CHS03-02034	121	30	CHS13-00090 *	092	09	CPF17-10422	120	11
CHS03-02034	122	02	CHS13-00090 *	095	09	CPF17-10422	122	14
CHS03-02034	122	15	CKF02-00519	005	05	CPF17-10422	123	12
CHS03-02034	122	42	CKF02-00519	041	16	CPF17-10422	123	19
CHS03-02034	123	04	CKF02-00519	042	08	CPF18-10422	115	07
CHS03-02034	123	14	CKF02-01055	063	32	CPF18-10422	115	10
CHS03-02034	123	20	CLN01-10000	063	12	CPF18-10422	117	23
CHS03-02434	033	35	CLN01-10000	064	12	CPF18-10422	118	05
CHS03-02434	039	19	CLN01-10000	128	16	CPF18-10422	120	06
CHS03-02434	069	12	CLN01-10000	143	26	CPF20-10422	119	10
CHS03-02434	102	14	CLN01-10000	144	33	CPF22-10628	039	17
CHS03-02434	103	26	CLN01-10000	145	12	CPF23-10422	121	29
CHS03-02434	103	29	CLN01-10000	147	15	CPF24-10422	121	15

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
CPF43-01430	027	22	CRB01-00252	025	06	CSR01-21706	028	28
CPL01-10810	029	02	CRB01-10252	050	20	CSR01-31230	031	03
CPL01-10810	033	32	CSB02-03525	089	13	CVF01-60504	006	31
CPL01-10810	033	46	CSB02-04025	097	11	CVF01-60504	006A	31
CPL01-10810	063	11	CSB02-04530 *	031	02	CVF01-60504	007	19
CPL01-10810	071	25	CSB02-05030	083	13	CVX01-02932	026	36
CPL01-10810	089	19	CSB02-05030	086	13	S 1357	005	38
CPL01-10810	112	17	CSB02-05030	092	12	SF 4358	005	39
CPL01-10810	112	25	CSB02-05030	095	12	SR 2586-2	007	34
CPL01-10810	112	40	CSB02-05030	096	10	TBB05-10404	062	25
CPL01-10810	112A	17	CSB02-05030	098	06	TCC01-00651	102	05
CPL01-10810	112A	25	CSB02-05030	099	07	TCP01-14520	063	07
CPL01-10810	112A	40	CSB03-01405	096	02	TCR01-11257	102	06
CPL01-10810	114	03	CSB03-10304	089	09	TFB01-10616	124	43
CPL01-10810	114	07	CSB03-10402	062	14	TFG02-10312	040A	33
CPL01-10810	114	14	CSB03-10405	099	11	TFG02-50312	040	33
CPL01-10810	114	21	CSB03-10503	072	09	TFG02-51437	040	29
CPL01-10810	115	16	CSB03-10606	098	20	TFG02-51437	040A	29
CPL01-10810	116	19	CSD01-00025	064	29	TFL01-00110	065	18
CPL01-10810	117	29	CSD01-00035	063	04	TFL01-00612	132	14
CPL01-10810	117	31	CSD01-00035 *	089	10	TFR01-04087	007	02
CPL01-10810	118	13	CSD01-00040	062	13	THH01-01290	007	30
CPL01-10810	119	15	CSD01-00040	062	26	THH01-01428	140	15
CPL01-10810	120	13	CSD01-00045	129	21	THH01-01436	140	16
CPL01-10810	121	31	CSD01-00045	130	45	THH01-20971	006	42
CPL01-10810	122	16	CSD01-00045 *	083	10	THH01-20971	006A	42
CPL01-10810 *	035	02	CSD01-00045 *	086	10	THH01-21490	006	33
CPL01-10810 *	030	07	CSD01-00045 *	099	12	THH01-21490	006A	33
CPL01-11726	029	04	CSD01-00050	062	02	THH01-22618	071	44
CPL02-10810	063	06	CSD01-00055	144	06	THH01-23214	071	05
CPL02-10810	070	32	CSD01-00060	130	43	THH01-23214	112	10
CPL02-10810	130	46	CSD01-00060	145	30	THH01-23214	112A	10
CPL02-11113	117	44	CSD01-00060 *	098	21	THH01-23232	040	23
CPL03-12412	045	50	CSD01-00075	129	05	THH01-23232	040A	23
CPL03-12412	050	21	CSD01-00075	130	42	THH01-24116	039	05
CPL03-12412	102	13	CSD01-00090	143	03	THH03-22200	003	03
CPL03-13620	029	11	CSH01-13038	007	23	THH03-23120	003	02
CPL04-11521	006	30	CSP01-01008 *	100	38	TLL01-00212	062	09
CPL04-11521	006A	30	CSP02-00810	067	17	TLL01-00212	065	08
CPL06-11812	131	08	CSP02-00810 *	037	17	TLL01-00212	142	16
CPL06-12012	115	29	CSP02-00810 *	100	37	TLL01-00212	143	15
CPL06-13016	131	06	CSP02-01008 *	067	16	TLL01-00212	143	25
CPL10-01210	062	06	CSP02-01008 *	037	16	TLL01-00212	144	22
CPL10-01210	065	07	CSP02-01208 *	100	36	TLL01-00212	145	13
CPL10-01510	130	22	CSR01-01004	028	43	TLL01-00212	147	10
CPL10-01610	124	44	CSR01-01155	030	16	TRB01-01061	042	12
CPW00-06012	015	05	CSR01-02005	026	10	TRB01-11061	042	13
CPW00-06012	140	03	CSR01-02455	027	03	TSB01-10000	134	04
CPW03-10022	014	23	CSR01-20452	031	23	TSH01-00010	136	20
CRB00-51207	063	10	CSR01-20603	031	24	TSK01-01250	042	02

<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>	<u>PARTNo.</u>	<u>FIG.</u>	<u>ITEM</u>
TSK02-00800	041	13						
TSP01-50160	142	14						
TSS01-10000	080	01						
TSS02-10000	080	27						
TSS03-10000	080	24						
TSS04-10010	080	21						
TSS05-00100	080	06						
TSS06-10010	080	23						
TSS07-00100	080	20						
TSS08-10000	080	14						
TSS09-10000	080	05						
TSS10-01050	080	19						
TST01-00045	142	02						
TST02-00230	135	13						
TST02-00270	135	12						
TST02-00280	136	39						
TST02-00300	136	38						
TST02-00330	135	02						
TST02-00335	135	04						
VG 1565	134	24						
VL 4385	005	37						
Y 3873572	003	01						
YES03-12400	015	42						