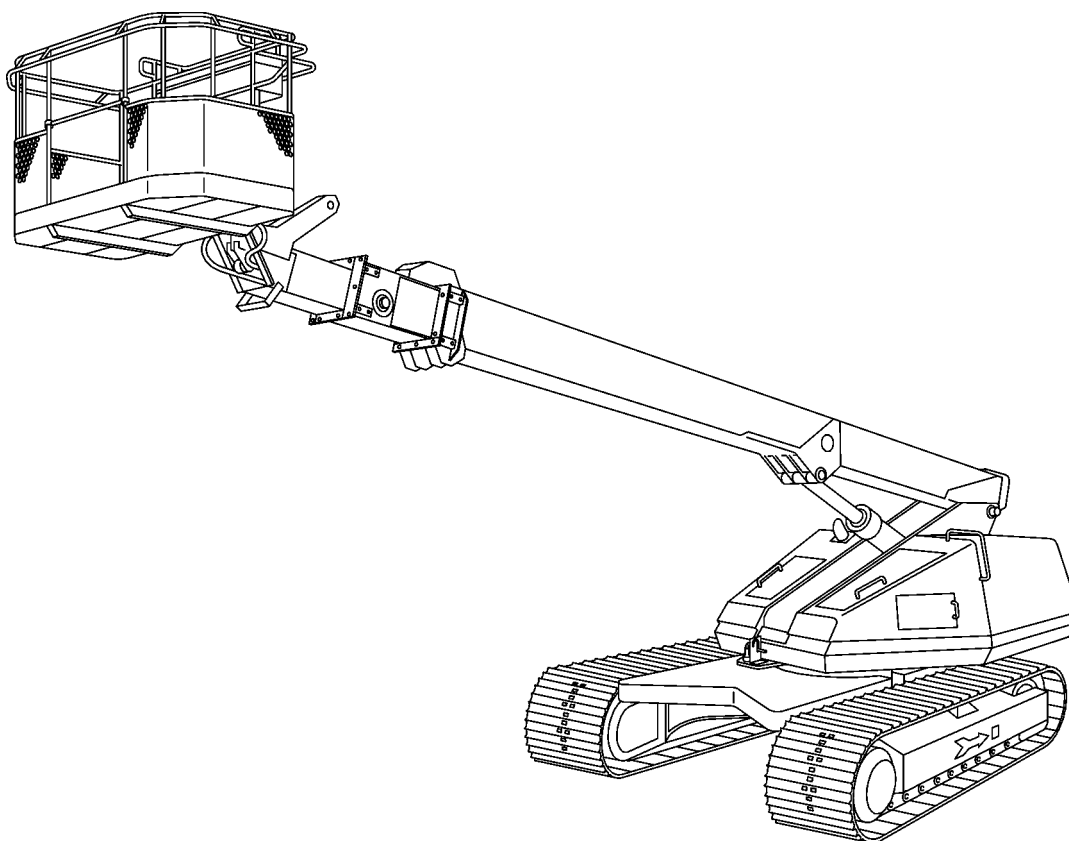




PARTS LIST

MODEL SR-182/ISR602

Applied Specification
A6,E1,F1



72100000

FOREWORD

This parts list is compiled in the following manner.

The drawing Nos. and the group Nos. are not always consecutive numbers.

When ordering parts, the machine model and serial No. for which the parts are used must be stated in an order sheet in addition to the parts Nos. and quantity you required.

LEVEL	The <u>assembly</u> which consists of two or more components is indicated by "1" which appears at LEVEL column. The <u>component</u> which belongs to <u>assembly</u> is indicated by "2" which appears at the LEVEL column. Moreover, in case the each <u>component</u> which belongs to the <u>assembly</u> consists of two or more <u>parts</u>, the <u>parts</u> are indicated by "3" at the LEVEL column.
Quantity	The quantity stated is for one machine. However the quantity of the component parts is for one assembled or sub - assembled part which the component parts are built in. An alphabetical symbol AR means quantities as required. Let us know the quantities you required.
Serial No. of machines	Serial Nos. of machines in which listed parts are used are stated. (Latter four figures are shown.)
Remarks	The symbols and parts Nos. listed in the column of remarks represent the following. A The parts are supplied as assemblies, not as loose items. The parts Nos. of the assemblies are stated following the symbol. N The parts are supplied as semi - finished parts, not as finished parts. The parts Nos. of the semi - finished parts(if any)are stated following the symbol. C Instead of the parts, other parts can be used. The parts Nos. of substitutes are stated following the symbol. K The parts are component parts of service kits. The parts Nos. of the component part are stated following the symbol. S Selective parts. Those are parts to be purchased from plural manufacturers, and selectively used. The names of manufacturers are stated following the symbol. H The symbol means miscellaneous parts such as seals, adhesives and so on. Note: When the parts with the symbol A, N are requested, the parts with the parts Nos. stated following the symbol are automatically supplied. For the symbol C,the parts with the parts Nos. stated following the symbol may be supplied.

ABBREVIATION LIST

ABBREVIATION	ORIGINAL WORD	REMARKS
ASSY	ASSEMBLY	
AC	altternating current	
AR	as required	
BRG	bearing	
BKT	bracket	
CONN	connecting	
CYL	cylinder	
DC	direct current	
EXH	exhaust	
FLEX	flexible	
F	front	
HP	house power	
IGN	ignition	
ID	inside diameter	
LH	left hand	
L	length	
OD	outside diameter	
OS	over size	
PTO	power take off	
PROP	propeller	
P/K	packing kit	
R	rear	
RH	right hand	
R/K	repair kit	
SP	spring	
STD	standard	
US	under size	
V	volt	
W	watt	
W/	with	
WO/	without	

Group No.	Fig No.	Description	Applied Specification			Remarks
			A6	E1	F1	
1-1	7A200380	ENGINE&MOUNTING	O	O	O	
	7A50000100	ENGINECONTROL	O	O	O	
2-1	7E905543	WEIGHT	O	O	O	
3-1	7B200055	FUEL TANK	O	O	O	
4-1	7R003792	PUMP & DRIVE	O	O	O	
5-1	7S002740	OILRESERVOIR	O	O	O	
	7R50000100	FILTER	O	O	O	
	7R503840	FILTER		O	O	
6-1	7M001687	SWINGREDUCER	O			
6-3	7M001692	SWINGREDUCER		O	O	
6-5	G374010004	REDUCTIONGEAR	O			
6-7	G374010008	REDUCTIONGEAR		O	O	
7-1	7R103740	SWIVELJOINT	O	O	O	
7-3	40701897	SWIVELJOINT	O	O	O	
8-1	7F000915	TURN TABLE	O			
8-3	7F000921	TURN TABLE		O	O	
9-1	7F000900	COVER	O	O	O	
10-1	7M101651	TURN TABLE BEARING	O	O	O	
11-1	7M101665	TURN TABLE BEARING COVER	O	O	O	
12-1	7F000908	LOCK SWING	O	O	O	
13-1	7K001164	BOOM	O	O	O	
14-1	7K001155	BOOM COVER	O	O	O	

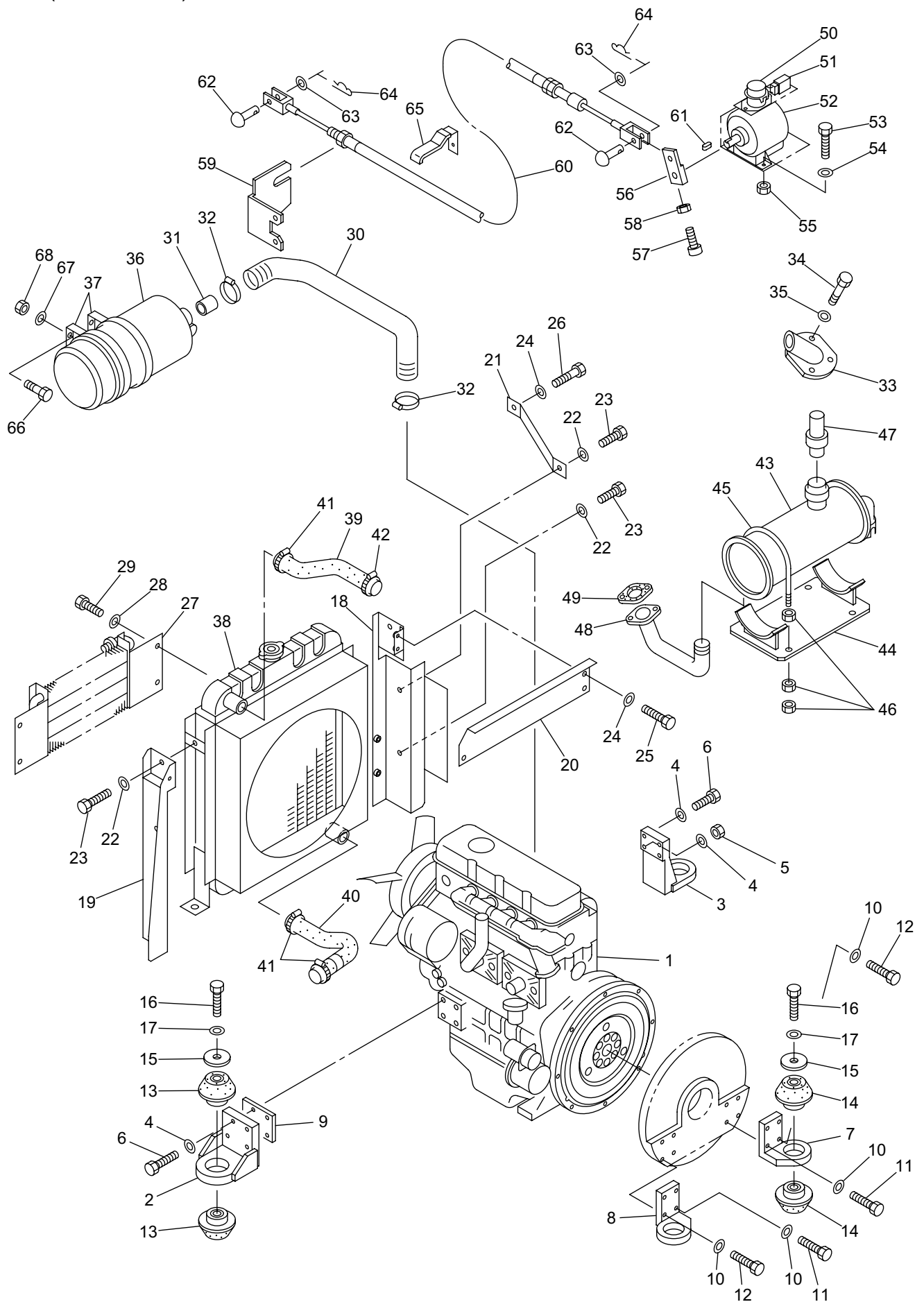
Group No.	Fig No.	Description	Applied Specification			Remarks
			A6	E1	F1	
15-1	7L101485	BASKET	O	O	O	
	7L101171	BASKETSLIDER	O	O	O	
	7L101471	MANUAL BOX	O	O	O	
	7L101478	BASKET PLATE	O	O	O	
16-1	7N504124	LOWER CONTROL BOX	O	O		
	7N504182	LOWER CONTROL BOX			O	
17-1	7N504123	UPPER CONTROL BOX	O	O	O	
18-1	7C006440	ELECTRIC PARTS	O	O	O	
	7W201217	ANGLE LIMITTER	O	O	O	
	7W600766	EMERGENCY PUMP	O	O	O	
	7T000710	FOOT SWITCH	O	O	O	
	7C006392	RECEPTACLE	O	O		
	7C006424	RECEPTACLE			O	
19-1	7W201229	TRAVEL LIMIT	O	O	O	
20-1	7T000722	WIRE CUT LIMITTER	O	O		
21-1	7R203810	VALVE	O			
	7R203820	VALVE		O		
	7R203821	VALVE			O	
21-5	30205213	CONTROL VALVE	O	O	O	
21-7	G305020254	PL COVER ASSEMBLY	O	O	O	
21-9	G305020255	BODY ASSEMBLY	O	O	O	
21-11	30205214A	CONTROL VALVE	O	O	O	
21-13	G305020165	PT COVER ASSEMBLY	O	O	O	
21-15	G305020257	BODY ASSEMBLY	O	O	O	

Group No.	Fig No.	Description	Applied Specification			Remarks
			A6	E1	F1	
21-17	MU020065	BODYASSEMBLY	O	O	O	
21-19	MU020066	BODYASSEMBLY	O	O	O	
21-21	MU020067	BODYASSEMBLY	O	O	O	
21-23	30202952A	COMBINATIONVALVE	O	O	O	
21-25	30203142	PRIORITYVALVE	O	O	O	
21-27	30206303A	SOLENOIDVALVE	O	O	O	
21-29	30202909A	DOUBLEPILOTCHECKVALVE	O	O	O	
21-31	30205574C	SHUTOFFVALVE	O	O	O	
21-33	30206215A	SOLENOIDVALVE		O	O	
21-35	30202745C	SOLENOIDVALVE			O	
22-1	7R402362	CYLINDER	O	O	O	
22-3	30303498E	ELEVATIONCYLINDER	O	O	O	
22-5	3020000001	HOLDINGVALVE	O	O	O	
22-7	30303582B	EXTENSIONCYLINDER	O	O	O	
22-9	30203231A	HOLDINGVALVE	O	O	O	
22-11	30306241	BALANCECYLINDER(LOWER)	O	O	O	
22-13	30306242	BALANCECYLINDER(UPPER)	O	O	O	
22-15	MZ022208	PILOTCHECKVALVE	O	O	O	
23-1	7S602735	FRAMETUBING	O			
23-3	7S604422	FRAMETUBING		O	O	
24-1	7S704402-1/4	TURNTABLETUBING	O			
24-5	7S704402-2/4	TURNTABLETUBING	O			
24-11	7S704402-3/4	TURNTABLETUBING	O			

Group No.	Fig No.	Description	Applied Specification			Remarks
			A6	E1	F1	
24-13	7S704402-4/4	TURNTABLE TUBING	O			
24-15	7S704423-1/4	TURNTABLE TUBING		O		
24-19	7S704423-2/4	TURNTABLE TUBING		O		
24-23	7S704423-3/4	TURNTABLE TUBING		O		
24-25	7S704423-4/4	TURNTABLE TUBING		O		
24-27	7S704427-1/4	TURNTABLE TUBING			O	
24-33	7S704427-2/4	TURNTABLE TUBING			O	
24-39	7S704427-3/4	TURNTABLE TUBING			O	
24-41	7S704427-4/4	TURNTABLE TUBING			O	
25-1	7S804365	BOOM TUBING	O	O	O	
26-1	7S902353	BASKET TUBING	O	O	O	
27-1	7Y905718	SAFTY WALK	O	O	O	
28-1	7Y605555	DECALS	O	O		
28-3	7Y605681	DECALS			O	
29-1	7Y705750	ATTACH PARTS	O	O	O	
30-1	7M701683	DRIVE UNIT	O	O	O	

Fig 7A200380
(7A50000100)

ENGINE & MOUNTING



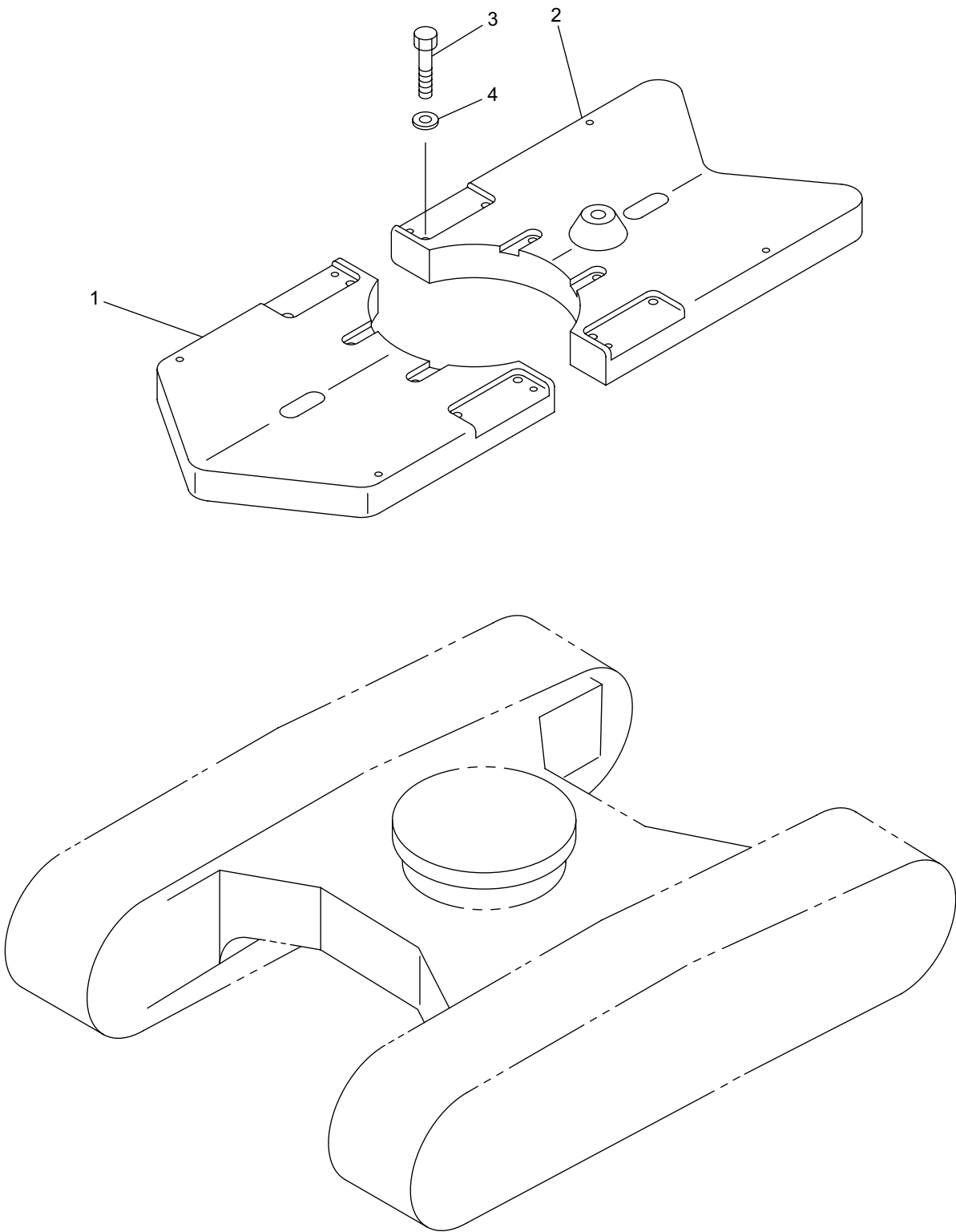
7A200380

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	3780000139	ENGINE	1			
2	1	R21A2013	BRACKET, engine	1			
3	1	R18A2010	BRACKET, engine	1			
4	1	03010010	WASHER, harden	8			
5	1	02004210	NUT	1			
6	1	00131030	BOLT	7			
7	1	R21A2047	BRACKET, engine	1			
8	1	R21A2046	BRACKET, engine	1			
9	1	R21A2016	SPACER, bracket	1			
10	1	03010010	WASHER, harden	8			
11	1	01131030	BOLT	6			
12	1	01231020	BOLT	2			
13	1	R21A2017	CUSHION, rubber	4			
14	1	R21A2018	CUSHION, rubber	4			
15	1	R12A2112	WASHER	4			
16	1	01231630	BOLT	4			
17	1	03010016	WASHER, harden	4			
18	1	R21A2056	BRACKET, cooler	1			
19	1	R21A2057	BRACKET, cooler	1			
20	1	R21A2021	BRACKET	1			
21	1	R21A2058	BRACKET	1			
22	1	03010012	WASHER, harden	6			
23	1	00131220	BOLT	6			
24	1	03010010	WASHER, harden	4			
25	1	01131020	BOLT	3			
26	1	01131016	BOLT	1			
27	1	R12A2126	COOLER, oil	1			
28	1	03010010	WASHER, harden	4			
29	1	01131020	BOLT	4			
30	1	R18A2025	HOSE, duct	1			
31	1	R18A2029	SPACER	1			
32	1	30900675	BAND, wire	2			
33	1	R18A2013	DUCT, exhaust	1			
34	1	01130825	BOLT	3			
35	1	03010008	WASHER, harden	3			

7A200380

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
36	1	MZ780344	CLEANER, air	1			
37	1	MZ780345	BAND	2			
38	1	MZ780346	RADIATOR	1			
39	1	MZ780105	HOSE, radiator	1			
40	1	MZ780106	HOSE, radiator	1			
41	1	MZ780350	CLIP	3			
42	1	MZ780351	CLIP	1			
43	1	MZ780332	MUFFLER	1			
44	1	MZ780352	BRACKET	1			
45	1	MZ780353	U-BOLT	2			
46	1	02014210	NUT	12			
47	1	MZ780354	PIPE, exhaust	1			
48	1	MZ780355	PIPE, exhaust	1			
49	1	MZ780348	PACKING	1			
50	1	MZ780347	RELAY, battery	1			
51	1	MZ780322	DIODE	1			
52	1	R21A5003	MOTOR	1			
53	1	01130830	BOLT	2			
54	1	03010008	WASHER, harden	4			
55	1	02014208	NUT	2			
56	1	R18A5015	LINK	1			
57	1	01360525	SCREW, cap	1			
58	1	02014205	NUT	1			
59	1	R18A5014	BRACKET	1			
60	1	R18A5009	WIRE, accele	1			
61	1	44601739	KEY, sunk	1			
62	1	R18A5010	RIVET	2			
63	1	03000006	WASHER, flat	2			
64	1	R18A5011	B-PIN	2			
65	1	32805260	CLIP	1			
66	1	01130820	BOLT	4			
67	1	03010008	WASHER, harden	4			
68	1	02014208	NUT	4			

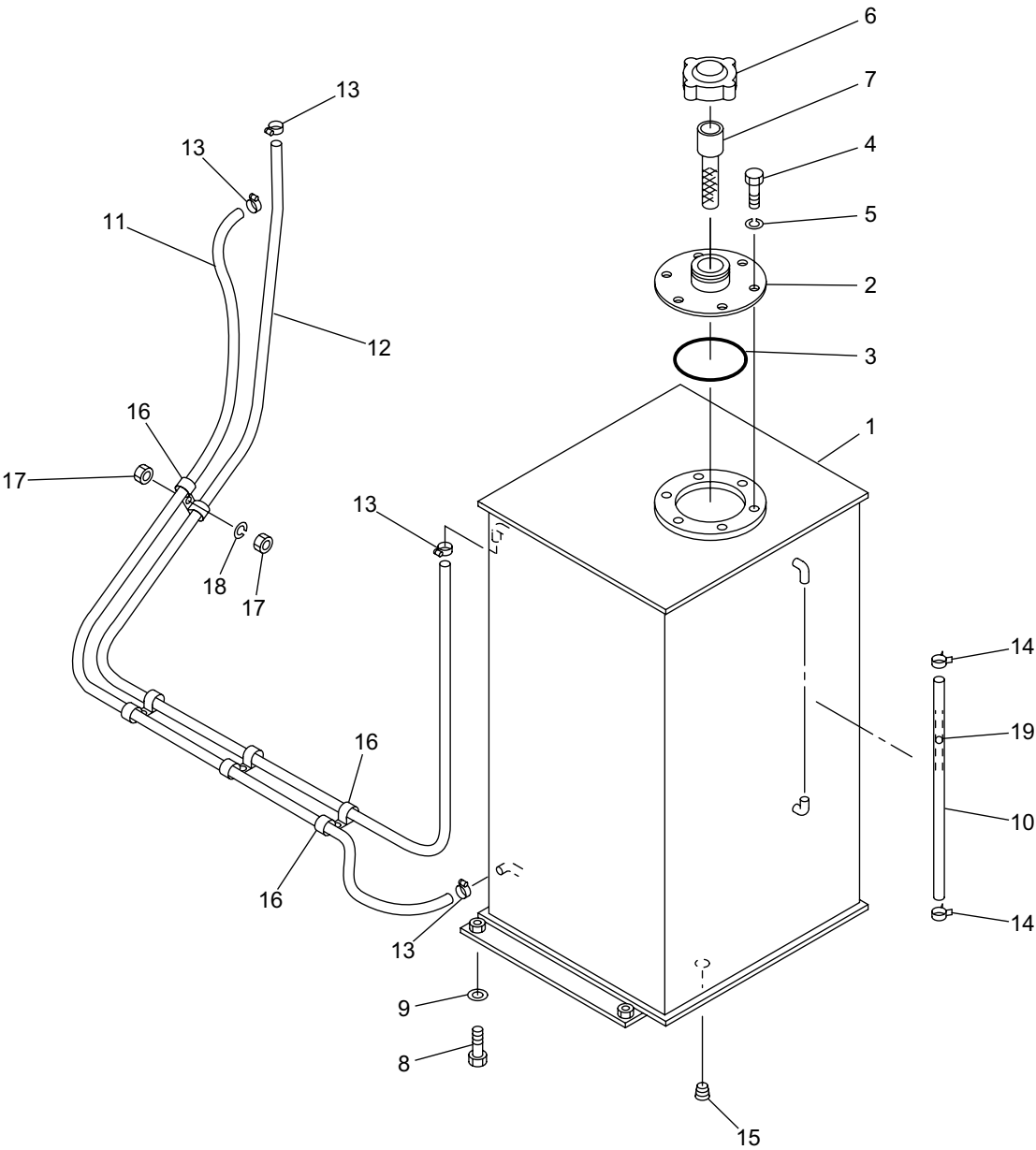
WEIGHT



7E905543

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R18E9005A	WEIGHT, front	1			
2	1	R18E9006A	WEIGHT, rear	1			
3	1	01262050	BOLT	12			
4	1	R21E9004	WASHER	12			

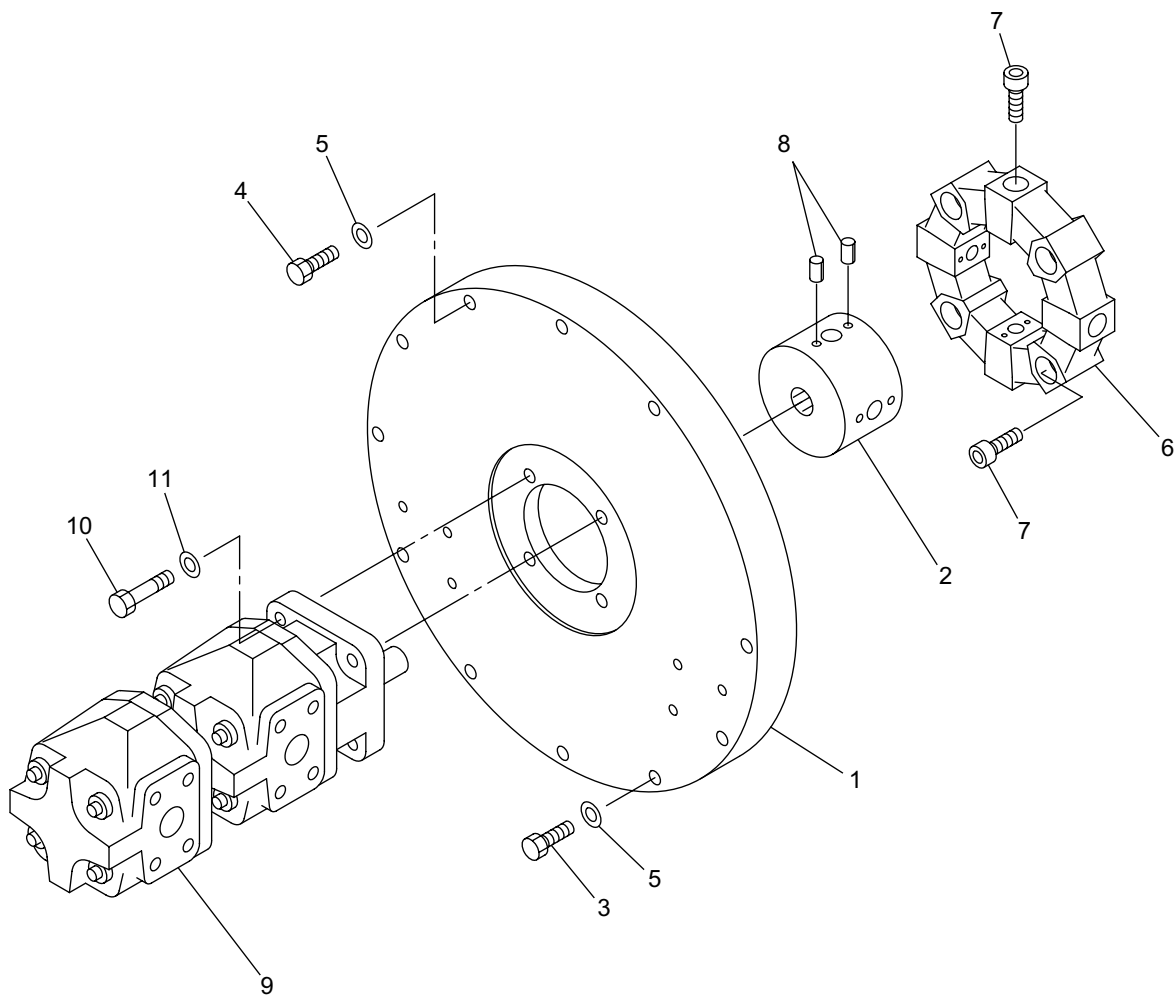
FUEL TANK



7B200055

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R18B2008	TANK, fuel	1			
2	1	R18B2009	FLANGE	1			
3	1	11101400	O-RING	1			
4	1	01130816	BOLT	6			
5	1	03020008	WASHER, spring	6			
6	1	MZ190004	CAP, oil filler	1			
7	1	MZ190005	FILTER	1			
8	1	01131250	BOLT	4			
9	1	30100012	WASHER, harden	4			
10	1	R18B2010	GAUGE, fuel	1			
11	1	R21B2004	HOSE, fuel	1			
12	1	R21B2005	HOSE, fuel	1			
13	1	15001222	BAND, hose	4			
14	1	R21B2008	CLIP	2			
15	1	12100006	PLUG	1			
16	1	19400018	CLIP	8			
17	1	02014206	NUT	8			
18	1	03020006	WASHER, spring	4			
19	1	R21B2007	BALL (RED)	1			

PUMP & DRIVE

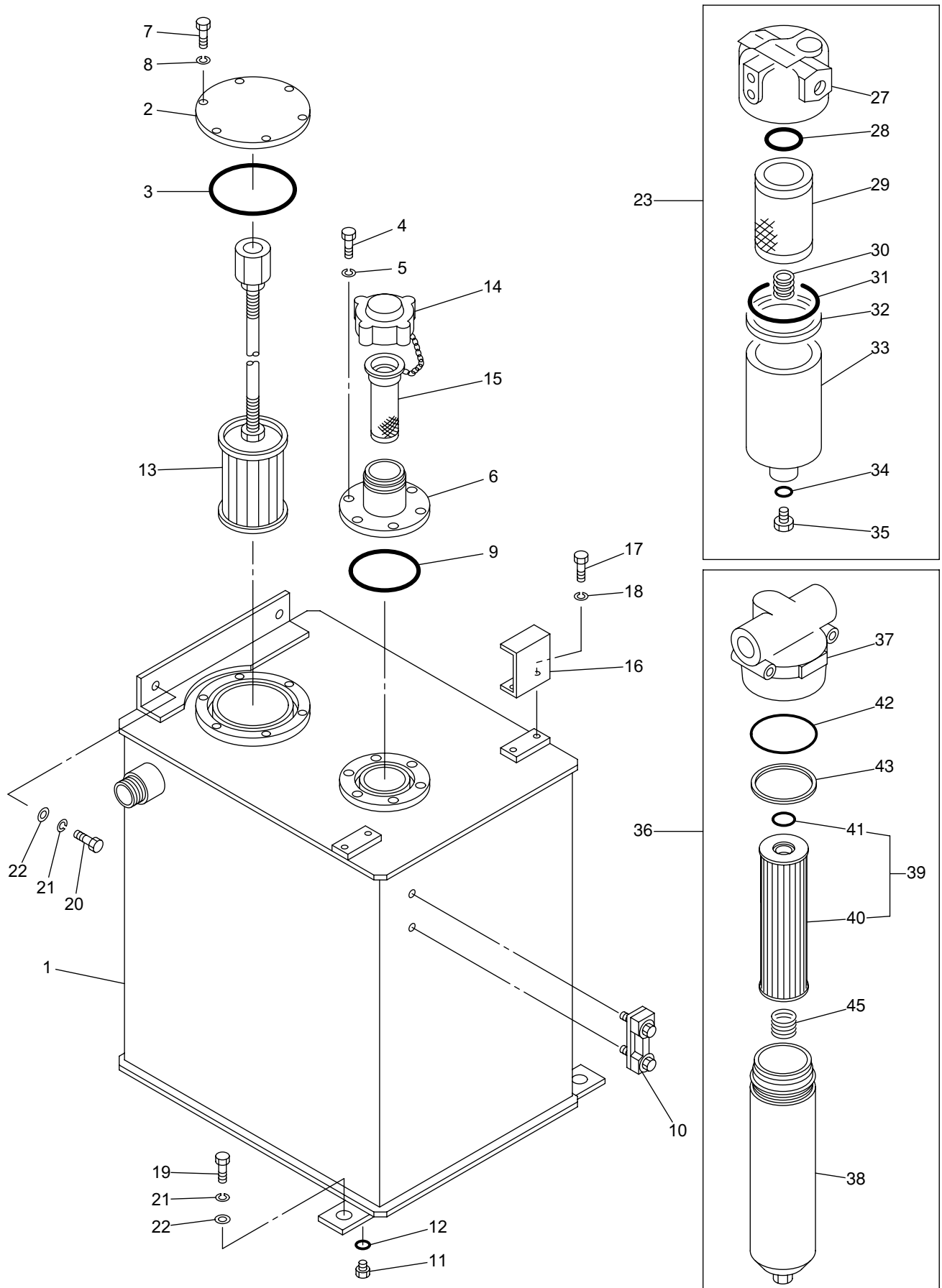


7R003792

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R21R0002	FLANGE, pump	1			
2	1	P30R0006	BOSS	1			
3	1	01131080	BOLT	8			
4	1	01131080	BOLT	3			
5	1	03010010	WASHER, harden	11			
6	1	36402419	COUPLING	1			
7	2	01361650	SCREW, cap	8			
8	2	04505010	PIN, spring	12			
9	1	30004283	PUMP, gear	1			
10	1	01131430	BOLT	4			
11	1	03010014	WASHER, harden	4			

Fig 7S002740
(7R50000100)
(7R503840)

OIL RESERVOIR



7S002740

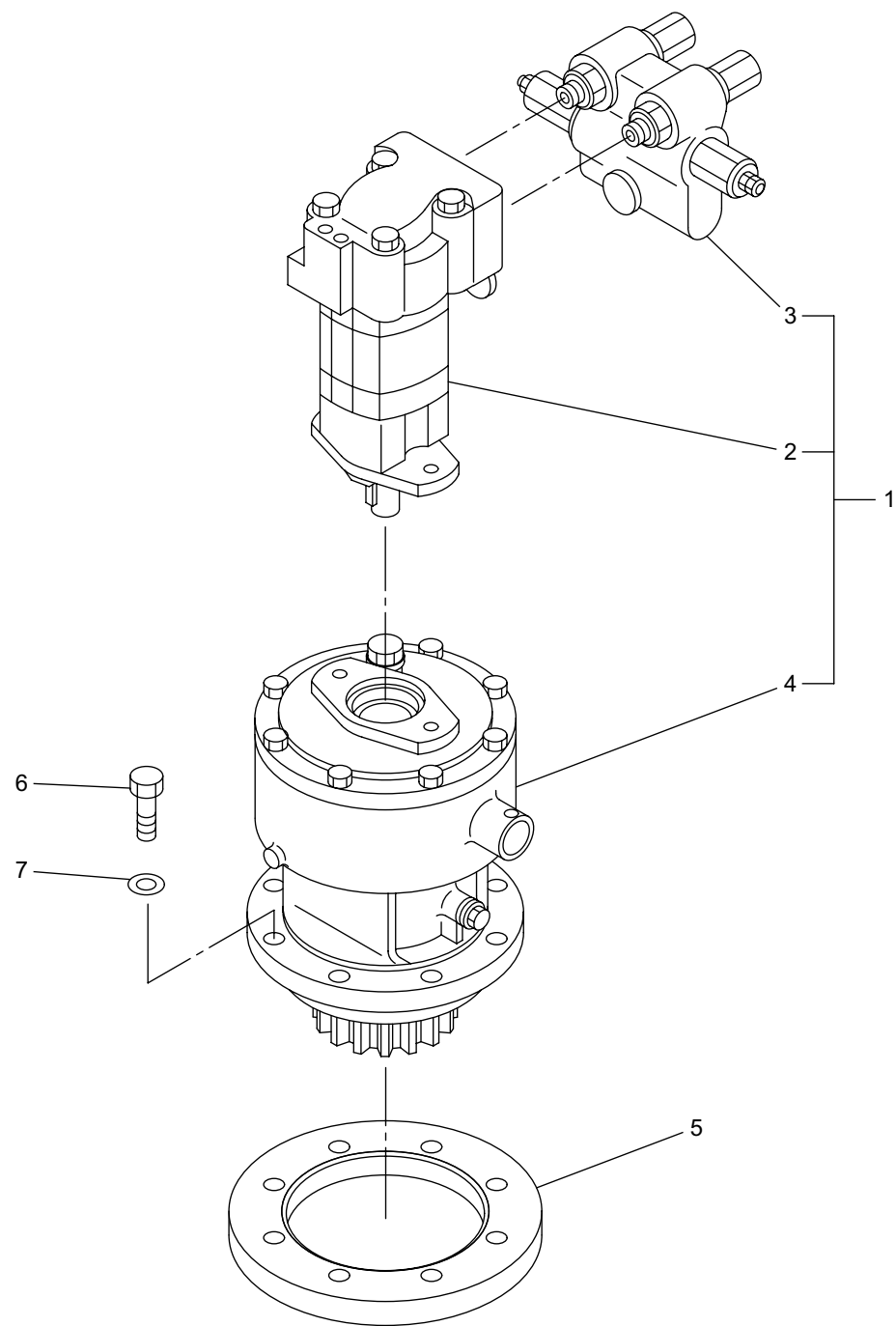
Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R18S0006	RESERVOIR, oil	1			
2	1	R21S0003	FLANGE	1			
3	1	11101400	O-RING	1			
4	1	01130816	BOLT	6			
5	1	03020008	WASHER, spring	6			
6	1	R18B2009	FLANGE	1			
7	1	01130816	BOLT	6			
8	1	03020008	WASHER, spring	6			
9	1	11101400	O-RING	1			
10	1	R12S0004	GAUGE, level	1			
11	1	12101008	PLUG	1			
12	1	11010290	O-RING	1			
13	1	R18S0009	FILTER	1			
14	1	MZ190004	CAP, oil filler	1			
15	1	MZ190005	FILTER	1			
16	1	R21S0005	ANGLE	2			
17	1	01130816	BOLT	4			
18	1	03020008	WASHER, spring	4			
19	1	01131225	BOLT	2			
20	1	01131220	BOLT	2			
21	1	03020012	WASHER, spring	4			
22	1	03000012	WASHER, flat	4			
23	1	R21R5002	FILTER	2			
24							
25							
26							
27	2		BODY	1			
28	2	11010320	O-RING	1			
29	2	MZ057018	ELEMENT	1			
30	2		SPRING	1			
31	2	11110800	O-RING	1			
32	2	11210800	RING, back-up	1			
33	2		COVER	1			
34	2	11010110	O-RING	1			
35	2		PLUG	1			

7S002740

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
36	1	3050000020	FILTER	2			
37	2		BODY	1			
38	2		CASE	1			
39	2	G319050018	ELEMENT SET	1			
40	3		ELEMENT	1			
41	3		O-RING	1			
42	2	11100700	O-RING	1			
43	2	11210700	RING, back-up	1			
44							
45	2		SPRING	1			

Fig 7M001687

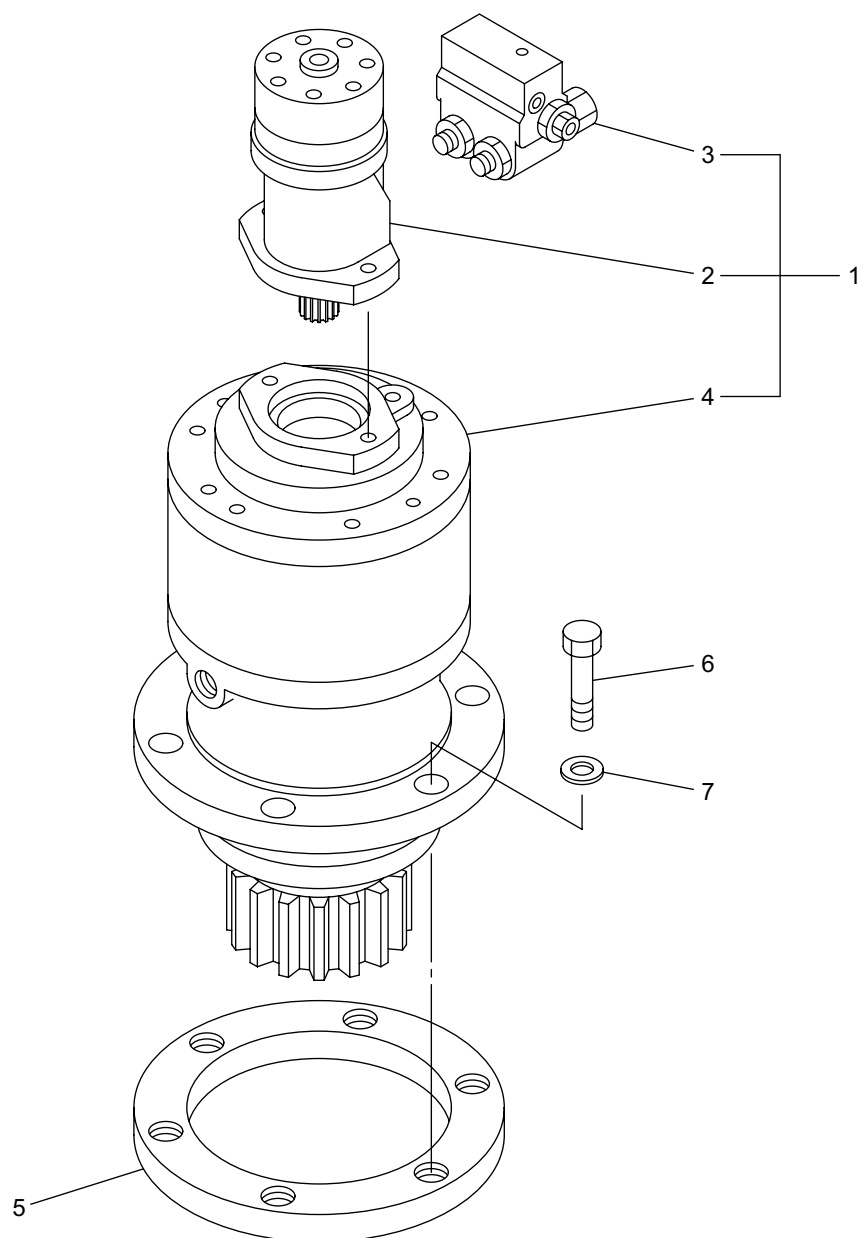
SWING REDUCER



7M001687

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R18M0001	SWING MOTOR	1			See Fig G374010004
2	2	G374010003	MOTOR	1			
3	2	MZ022096	VALVE	1			
4	2	G374010004	REDUCTION GEAR	1			
5	1	R12M0001	PLATE, sub	1			
6	1	01161850	BOLT	8			
7	1	03010018	WASHER, harden	8			

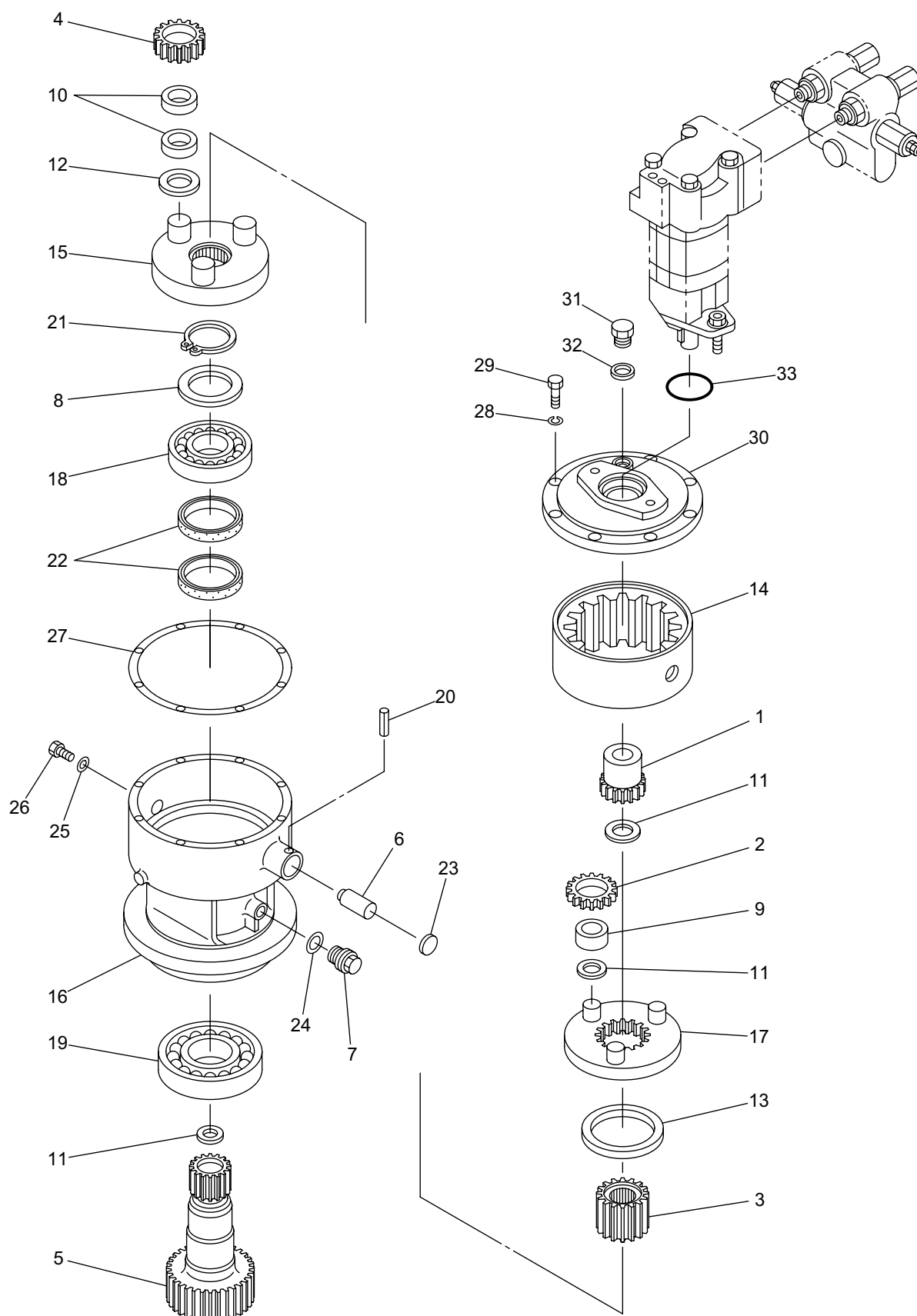
SWING REDUCER



7M001692

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	3010000027	MOTOR, swing	1			See Fig G374010008
2	2	G374010006	MOTOR	1			
3	2	G374010007	VALVE	1			
4	2	G374010008	REDUCTION GEAR	1			
5	1	R21M0005	PLATE, sub	1			
6	1	01161640	BOLT	6			
7	1	03010016	WASHER, harden	6			

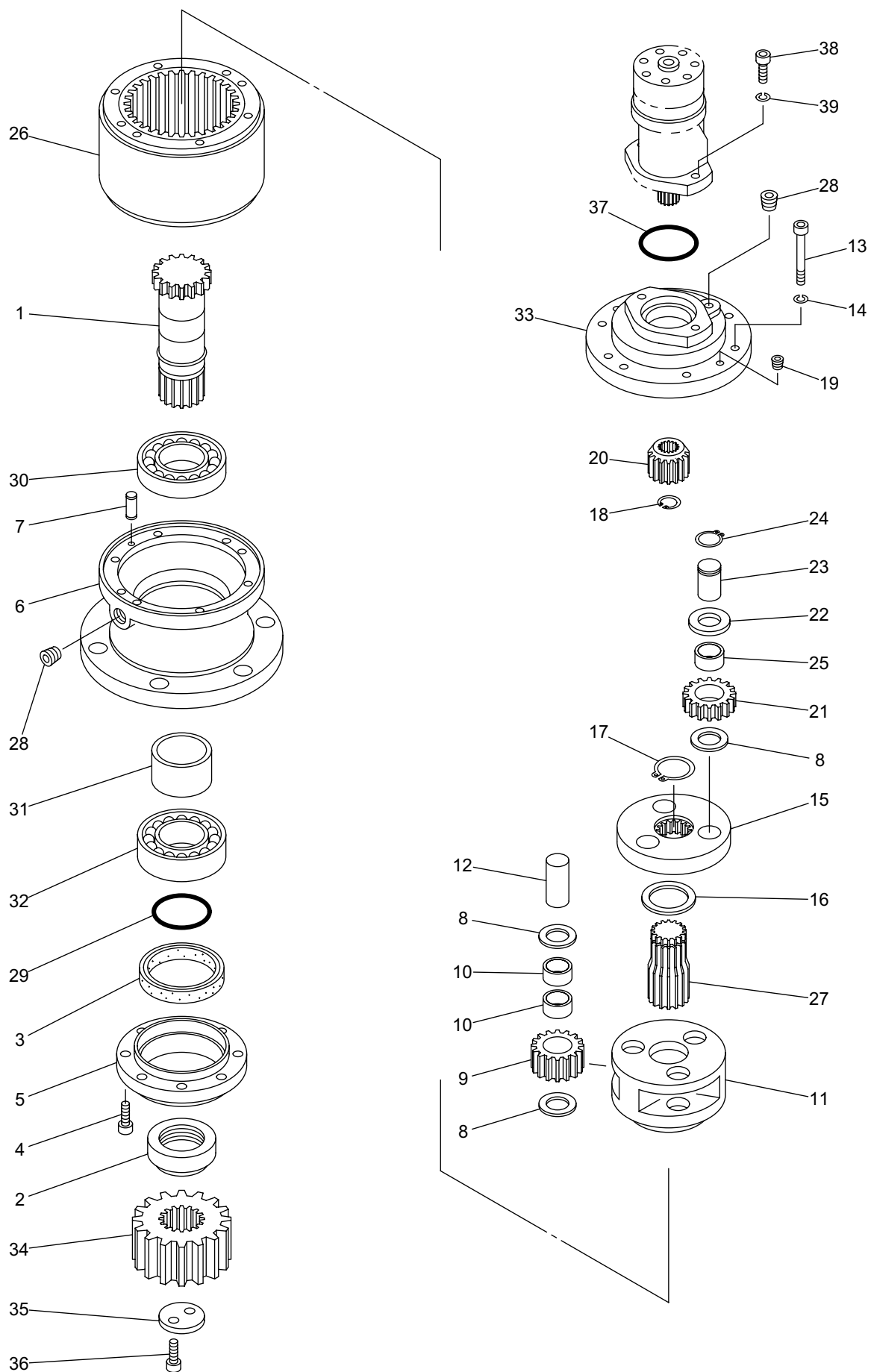
REDUCTION GEAR



G374010004

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
	1	G374010004	REDUCTION GEAR	1			
1	2	MZ700387	GEAR	1			
2	2	MZ700376	GEAR	3			
3	2	MZ700377	GEAR	1			
4	2	MZ700378	GEAR	3			
5	2	MZ700532	SHAFT	1			
6	2	MZ700370	PIN	2			
7	2	MZ700371	PLUG	1			
8	2	MZ700368	WASHER	1			
9	2	MZ420014	BEARING, needle	3			
10	2	MZ420015	BEARING, needle	6			
11	2	MZ430003	WASHER	5			
12	2	MZ430007	WASHER	3			
13	2	MZ780379	LINER	2			
14	2	MZ700365	GEAR	1			
15	2	MZ700374	ARM	1			
16	2	MZ700389	CASE	1			
17	2	MZ700373	ARM	1			
18	2	08062012	BEARING, ball	1			
19	2	08063414	BEARING, ball	1			
20	2	04505045	PIN	2			
21	2	04130056	RING, retaining	1			
22	2	MZ700367	SEAL, oil	2			
23	2	MZ700369	PLUG	2			
24	2	MZ700372	GASKET	1			
25	2	MZ700390	GASKET	1			
26	2	MZ700391	PLUG	1			
27	2	MZ700392	PACKING	1			
28	2	03020008	WASHER, spring	8			
29	2	01160835	BOLT	8			
30	2	MZ700393	FLANGE	1			
31	2	MZ700394	PLUG	1			
32	2	MZ700372	GASKET	1			
33	1	MZ040101	O-RING	1			

REDUCTION GEAR



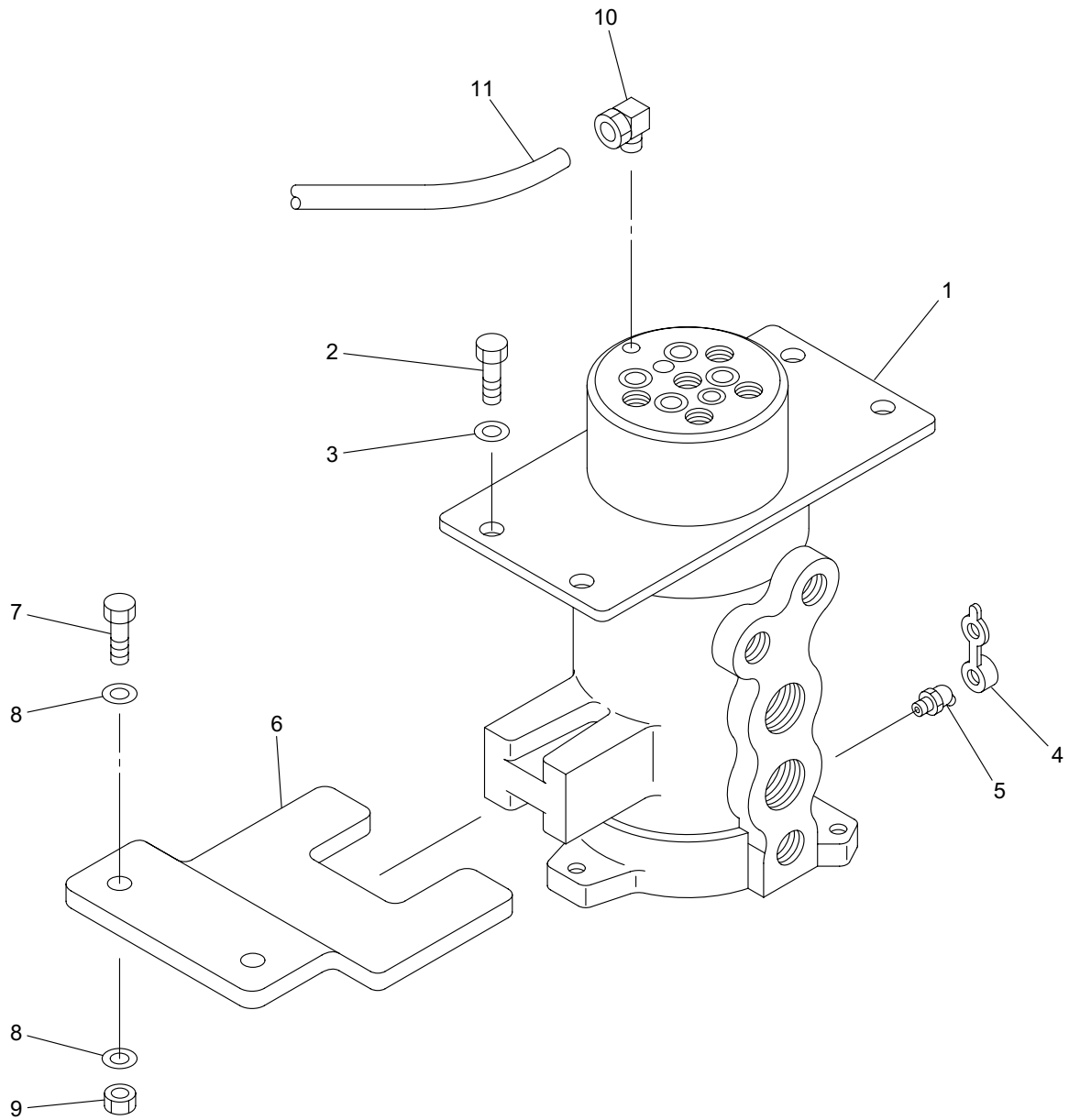
G374010008

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	G374010017	SHAFT, output	1			
2	1	G374010018	SEALNUT	1			
3	1	G374010019	SEAL, oil	1			
4	1	01360820	SCREW, cap	8			
5	1	G374010020	RETAINER	1			
6	1	G374010021	HOUSING	1			
7	1	04621009	PIN	2			
8	1	34200815	PLATE	9			KG374010036
9	1		GEAR	3			KG374010036
10	1	G374010022	BEARING, needle	6			KG374010036
11	1		CARRIER	1			KG374010036
12	1		PIN	3			KG374010036
13	1	01231010	BOLT	8			
14	1	03020010	WASHER, spring	8			
15	1		CARRIER	1			KG374010035
16	1	G374010023	PLATE	1			
17	1	04130035	RING, retaining	1			
18	1	04140020	RING, retaining	1			
19	1	12100102	PLUG	1			
20	1	G374010024	GEAR	1			
21	1	G374010025	GEAR	3			
22	1	G374010026	PLATE	3			
23	1		PIN	3			KG374010035
24	1	04130025	RING, retaining	3			
25	1	G374010027	BEARING, needle	3			
26	1	G374010028	GEAR	1			
27	1	G374010029	GEAR	1			
28	1	12100103	PLUG	3			
29	1	11000060	O-RING	1			
30	1	08130212	BEARING, taper	1			
31	1	G374010030	SPACER	1			
32	1	08132212	BEARING, taper	1			
33	1	G374010031	BRACKET, motor	1			
34	1	G374010032	GEAR	1			
35	1	G374010033	RETAINER	1			

G374010008

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
36	1	G374010034	BOLT, cap	2			
37	1	G374010038	O-RING	1			
38	1	01361235	SCREW, cap	2			
39	1	03020012	WASHER, spring	2			
		G374010035	CARRIER (A) ASSEMBLY				
		G374010036	CARRIER (B) ASSEMBLY				

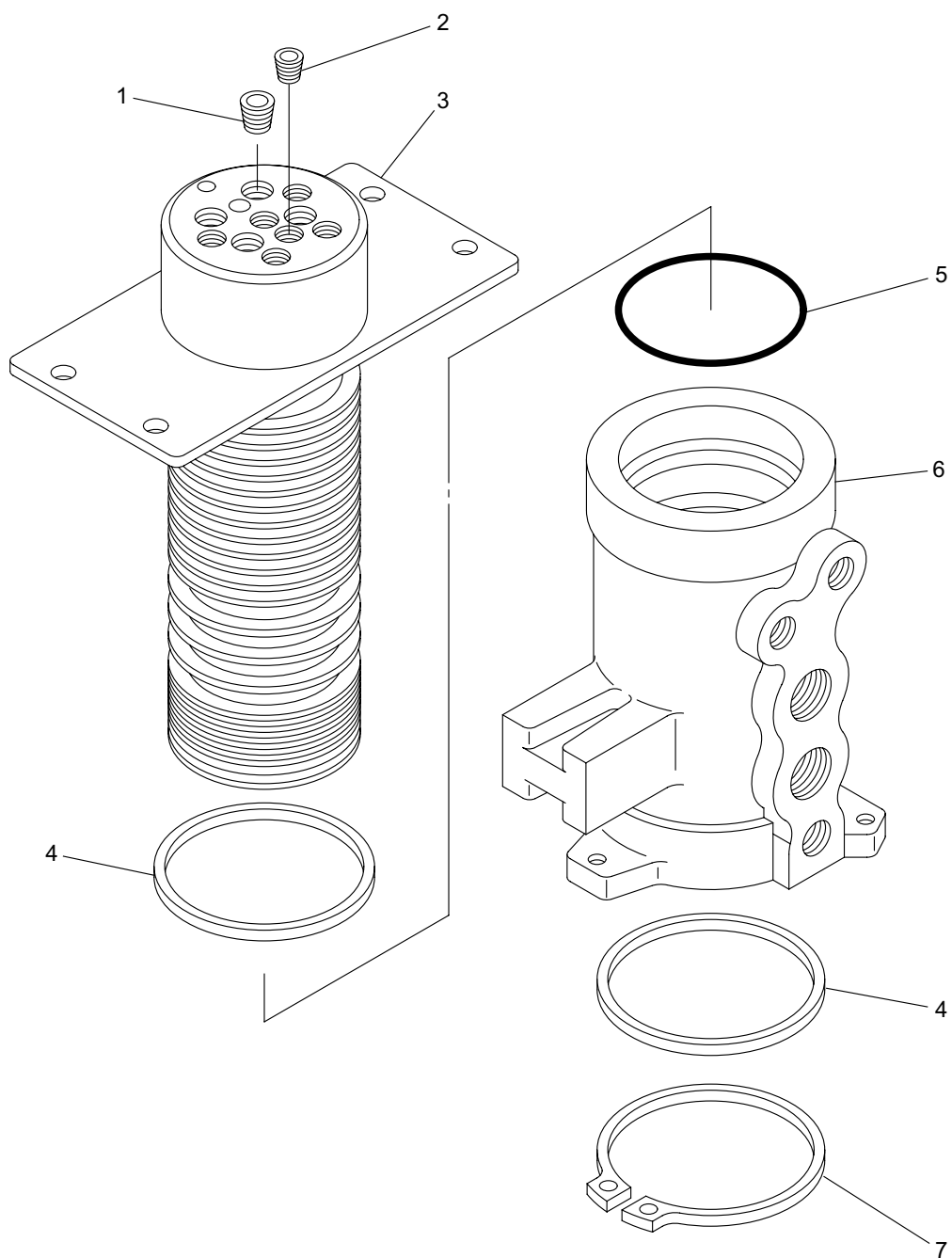
SWIVEL JOINT



7R103740

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	40701897	SWIVEL JOINT	1			See Fig 40701897
2	1	01131240	BOLT	4			
3	1	03010012	WASHER, harden	4			
4	1	12001001	CAP, fitting	1			
5	1	12000101	FITTING, grease	1			
6	1	R12R1002	STOPPER, swivel	1			
7	1	01131285	BOLT	2			
8	1	03010012	WASHER, harden	4			
9	1	02014212	NUT	2			
10	1	15952131	FITTING, nylon	1			
11	1	15900103	TUBE, nylon	AR			

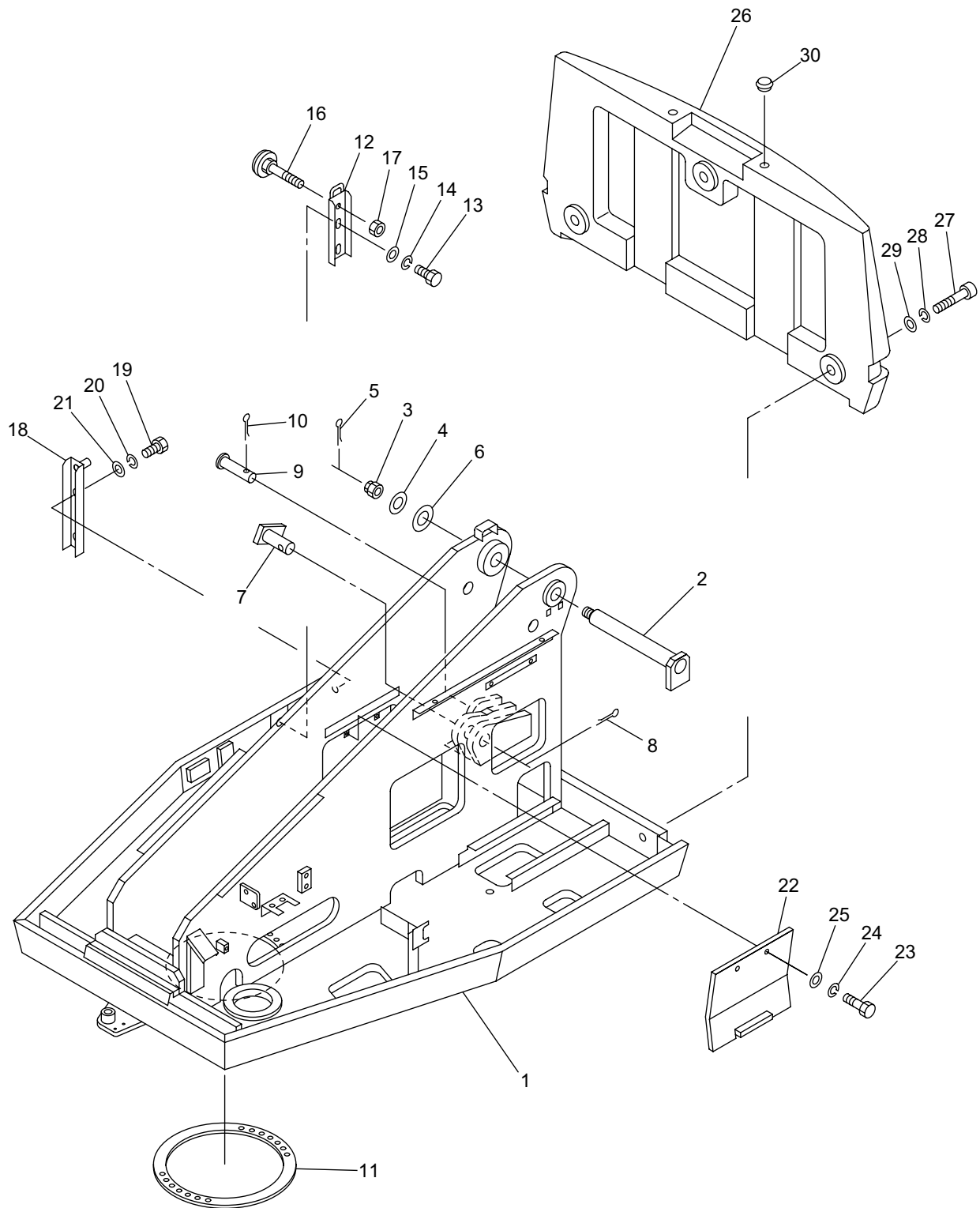
SWIVEL JOINT



40701897

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	12100104	PLUG	4			
2	1	12100103	PLUG	1			
3	1	40701898A	SHAFT	1			
4	1	44304881	WASHER	2			
5	1	11011000	O-RING	11			
6	1	40701900	BODY	1			
7	1	04130110	RING, retaining	1			

TURN TABLE

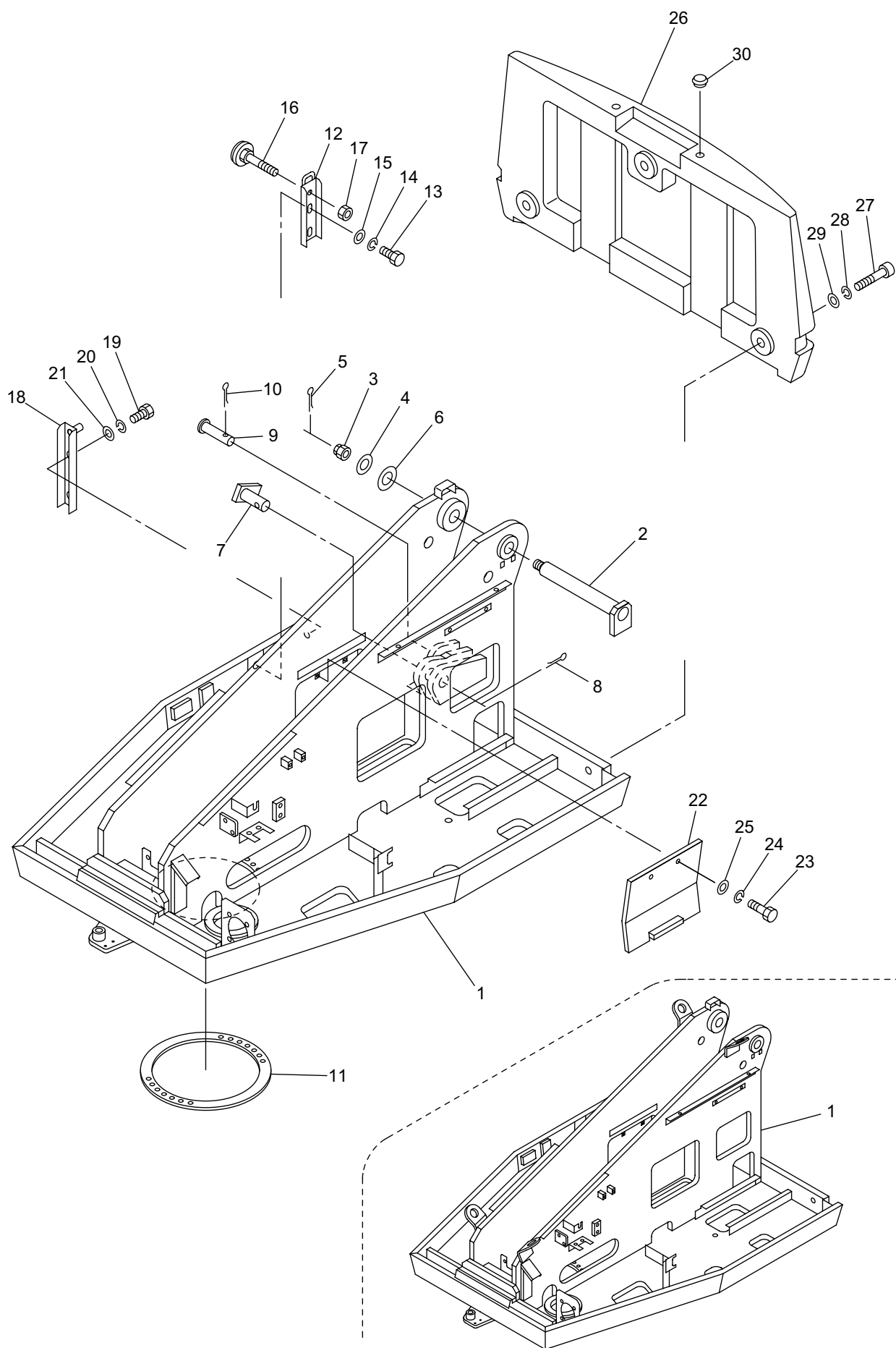


7F000915

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R18F0173E	TURN TABLE ASSEMBLY	1			
2	1	44505762	PIN, foot	1			
3	1	44002232	NUT, castle	1			
4	1	S4432324	WASHER	1			
5	1	04308080	PIN, cotter	1			
6	1	R21F0023	SPACER	3			
7	1	44505761	PIN, lock	1			
8	1	04300000	PIN, cotter	1			
9	1	44505760	PIN, lock	1			
10	1	04306350	PIN, cotter	1			
11	1	R21F0024	BASE PLATE ASSEMBLY	1			
12	1	R18F0133	COVER, bracket	1			
13	1	01131020	BOLT	2			
14	1	03020010	WASHER, spring	2			
15	1	03000010	WASHER, flat	2			
16	1	S3793001	ADJUSTER	1			
17	1	02014210	NUT	2			
18	1	R18F0134	BRACKET	1			
19	1	01131020	BOLT	2			
20	1	03020010	WASHER, spring	2			
21	1	03000010	WASHER, flat	2			
22	1	R21F0025	COVER	1			
23	1	01131020	BOLT	2			
24	1	03020010	WASHER, spring	2			
25	1	03000010	WASHER, flat	2			
26	1	R18F0157	WEIGHT	1			
27	1	01462404	SCREW, cap	3			
28	1	03020024	WASHER, spring	3			
29	1	R12F0157	WASHER	3			
30	1	36200309	GROMMET	2			

Fig 7F000921

TURN TABLE

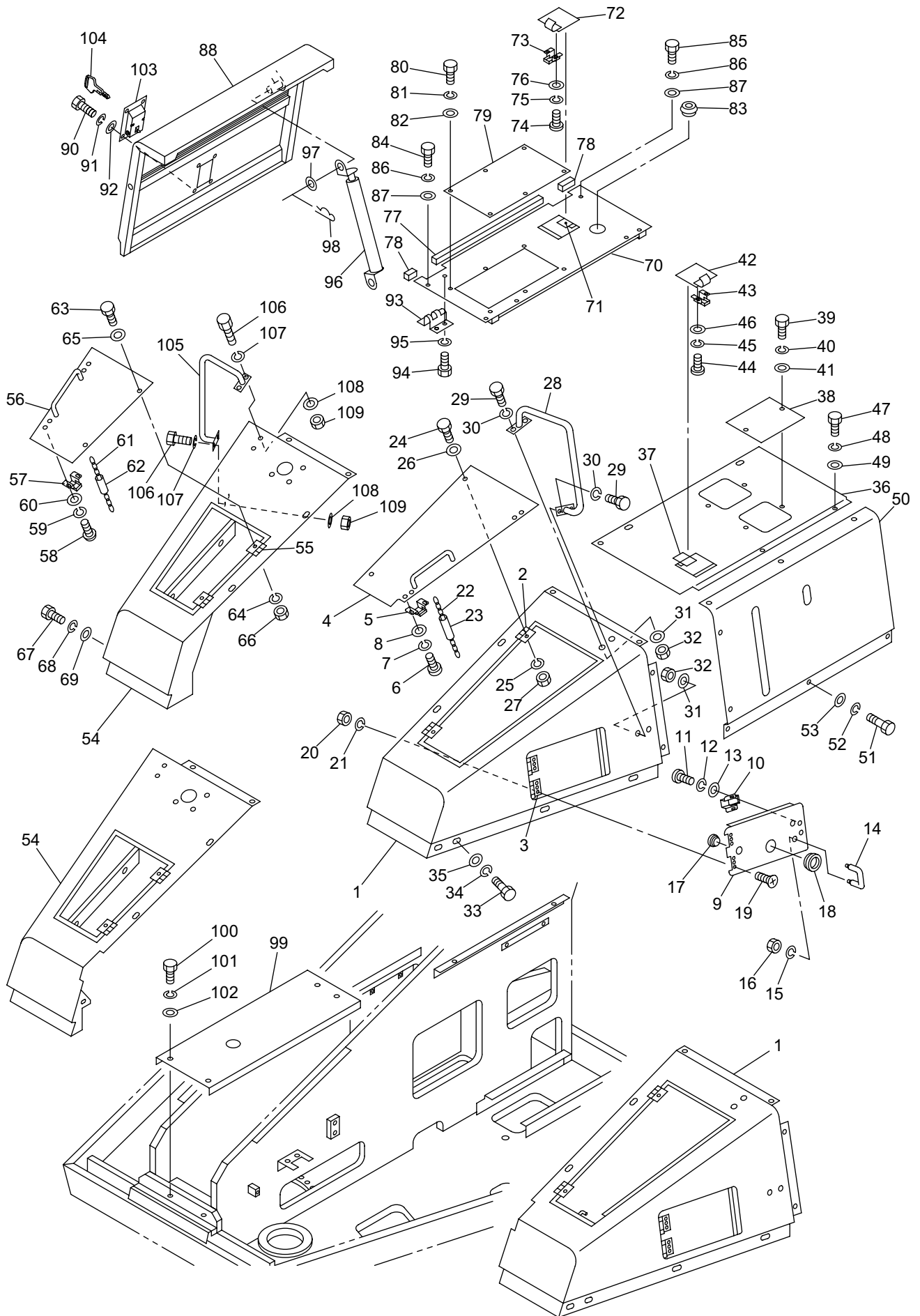


7F000921

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R18F0176E	TURN TABLE ASSEMBLY	1			with hook
1	1	R21F0052	TURN TABLE ASSEMBLY	1			
2	1	44505762	PIN, foot	1			
3	1	44002232	NUT, castle	1			
4	1	S4432324	WASHER	1			
5	1	04308080	PIN, cotter	1			
6	1	R21F0023	SPACER	3			
7	1	44505761	PIN, lock	1			
8	1	04300000	PIN, cotter	1			
9	1	44505760	PIN, lock	1			
10	1	04306350	PIN, cotter	1			
11	1	R21F0024	BASE PLATE ASSEMBLY	1			
12	1	R18F0133	COVER, bracket	1			
13	1	01131020	BOLT	2			
14	1	03020010	WASHER, spring	2			
15	1	03000010	WASHER, flat	2			
16	1	S3793001	ADJUSTER	1			
17	1	02014210	NUT	2			
18	1	R18F0134	BRACKET	1			
19	1	01131020	BOLT	2			
20	1	03020010	WASHER, spring	2			
21	1	03000010	WASHER, flat	2			
22	1	R21F0025	COVER	1			
23	1	01131020	BOLT	2			
24	1	03020010	WASHER, spring	2			
25	1	03000010	WASHER, flat	2			
26	1	R18F0157	WEIGHT	1			
27	1	01462404	SCREW, cap	3			
28	1	03020024	WASHER, spring	3			
29	1	R12F0157	WASHER	3			
30	1	36200309	GROMMET	2			

Fig 7F000900

COVER



7F000900

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R18F0162B	COVER, front RH	1			
1	1	R21F0055	COVER, front RH	1			
2	2	R18F0137	HINGE	2			
3	2	R18F0138	HINGE	2			
4	1	R18F0161	COVER RH	1			
5	1	36200255	LOCK	2			
6	1	03610508	SCREW, machine	4			
7	1	03020005	WASHER, spring	4			
8	1	03000005	WASHER, flat	4			
9	1	R18F0140	PANEL	1			
10	1	36200255	LOCK	1			
11	1	03610508	SCREW, machine	2			
12	1	03020005	WASHER, spring	2			
13	1	03000005	WASHER, flat	2			
14	1	R12N5109	GRIP	1			
15	1	03020006	WASHER, spring	2			
16	1	02014206	NUT	2			
17	1	P12F0068	CUSHION, rubber	1			
18	1	R21F0030	GROMMET	1			
19	1	03601514	SCREW, machine	4			
20	1	02014205	NUT	4			
21	1	03020005	WASHER, spring	4			
22	1	R21F0031	CHAIN	1			
23	1	R21F0032	TUBE	1			
24	1	01131020	BOLT	2			
25	1	03020010	WASHER, spring	2			
26	1	03000010	WASHER, flat	4			
27	1	02014210	NUT	2			
28	1	R21F0033	HANDRAIL	1			
29	1	01131025	BOLT	4			
30	1	03020010	WASHER, spring	4			
31	1	03000010	WASHER, flat	4			
32	1	02014210	NUT	4			
33	1	01131020	BOLT	8			
34	1	03020010	WASHER, spring	8			

7F000900

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
35	1	03000010	WASHER, flat	8			
36	1	R18F0148	COVER	1			
37	2	R18F0149	HINGE	1			
38	1	R12F0172	PLATE	2			
39	1	01130816	BOLT	4			
40	1	03020008	WASHER, spring	4			
41	1	03000008	WASHER, flat	4			
42	1	R21F0034	COVER	1			
43	1	36200255	LOCK	1			
44	1	03610508	SCREW, machine	2			
45	1	03020005	WASHER, spring	2			
46	1	03000005	WASHER, flat	2			
47	1	01131020	BOLT	4			
48	1	03020010	WASHER, spring	4			
49	1	03000010	WASHER, flat	4			
50	1	R18F0150	COVER	1			
51	1	01131020	BOLT	8			
52	1	03020010	WASHER, spring	8			
53	1	03000010	WASHER, flat	8			
54	1	R18F0171B	COVER, front LH	1			
54	1	R21F0056	COVER, front LH	1			
55	2	R18F0137	HINGE	2			
56	1	R18F0147	COVER LH	1			
57	1	36200255	LOCK	2			
58	1	03610508	SCREW, machine	4			
59	1	03020005	WASHER, spring	4			
60	1	03000005	WASHER, flat	4			
61	1	R21F0031	CHAIN	1			
62	1	R21F0032	TUBE	1			
63	1	01131020	BOLT	2			
64	1	03020010	WASHER, spring	2			
65	1	03000010	WASHER, flat	4			
66	1	02014210	NUT	2			
67	1	01131020	BOLT	8			
68	1	03020010	WASHER, spring	8			

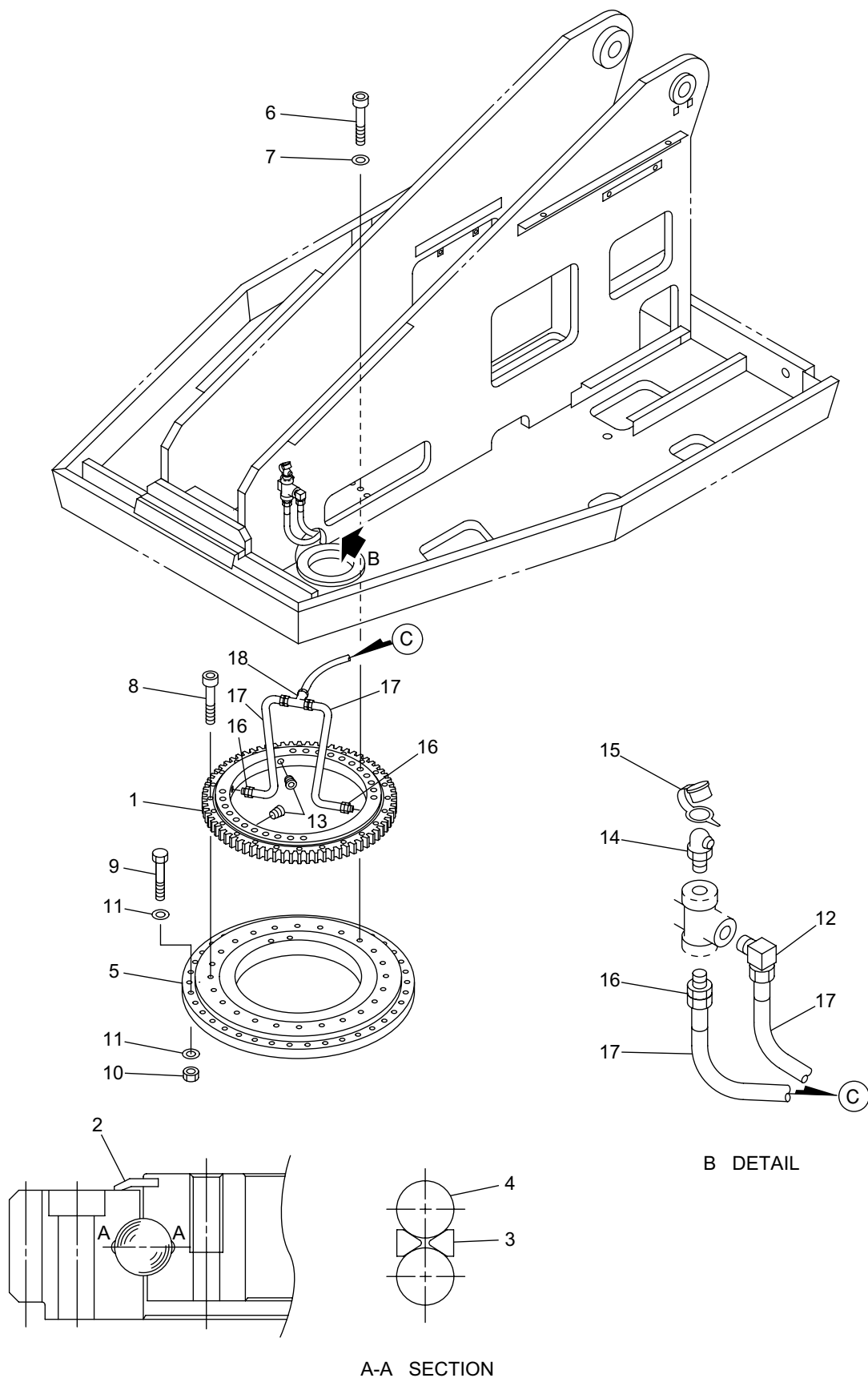
7F000900

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
69	1	03000010	WASHER, flat	8			
70	1	R18F0151B	COVER, engine	1			
71	2	R18F0149	HINGE	1			
72	1	R21F0034	COVER	1			
73	1	36200255	LOCK	1			
74	1	03610508	SCREW, machine	2			
75	1	03020005	WASHER, spring	2			
76	1	03000005	WASHER, flat	2			
77	1	R21F0035	SPONGE	1			
78	1	R12F0036	SPONGE	2			
79	1	R18F0141	PLATE	1			
80	1	01130820	BOLT	6			
81	1	03020008	WASHER, spring	6			
82	1	03000008	WASHER, flat	6			
83	1	36200361	GROMMET	1			
84	1	01131020	BOLT	2			
85	1	01131040	BOLT	4			
86	1	03020010	WASHER, spring	6			
87	1	03000010	WASHER, flat	6			
88	1	R18F0143	COVER, engine	1			
89							
90	1	01130816	BOLT	4			
91	1	03020008	WASHER, spring	4			
92	1	03000008	WASHER, flat	4			
93	1	R18F0142	HINGE	2			
94	1	01131020	BOLT	8			
95	1	03020010	WASHER, spring	8			
96	1	R12F0146	DAMPER	1			
97	1	03000008	WASHER, flat	2			
98	1	04400010	B-PIN	2			
99	1	R18F0145	COVER	1			
100	1	01131020	BOLT	4			
101	1	03020010	WASHER, spring	4			
102	1	03000010	WASHER, flat	4			
103	1	R12F0278	LOCK, cover	1			

7F000900

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
104	2	R12F0289	KEY, plate	1			
105	1	R12F0276	HANDRAIL	1			
106	1	01131025	BOLT	4			
107	1	03020010	WASHER, spring	4			
108	1	03000010	WASHER, flat	4			
109	1	02014210	NUT	4			

TURN TABLE BEARING

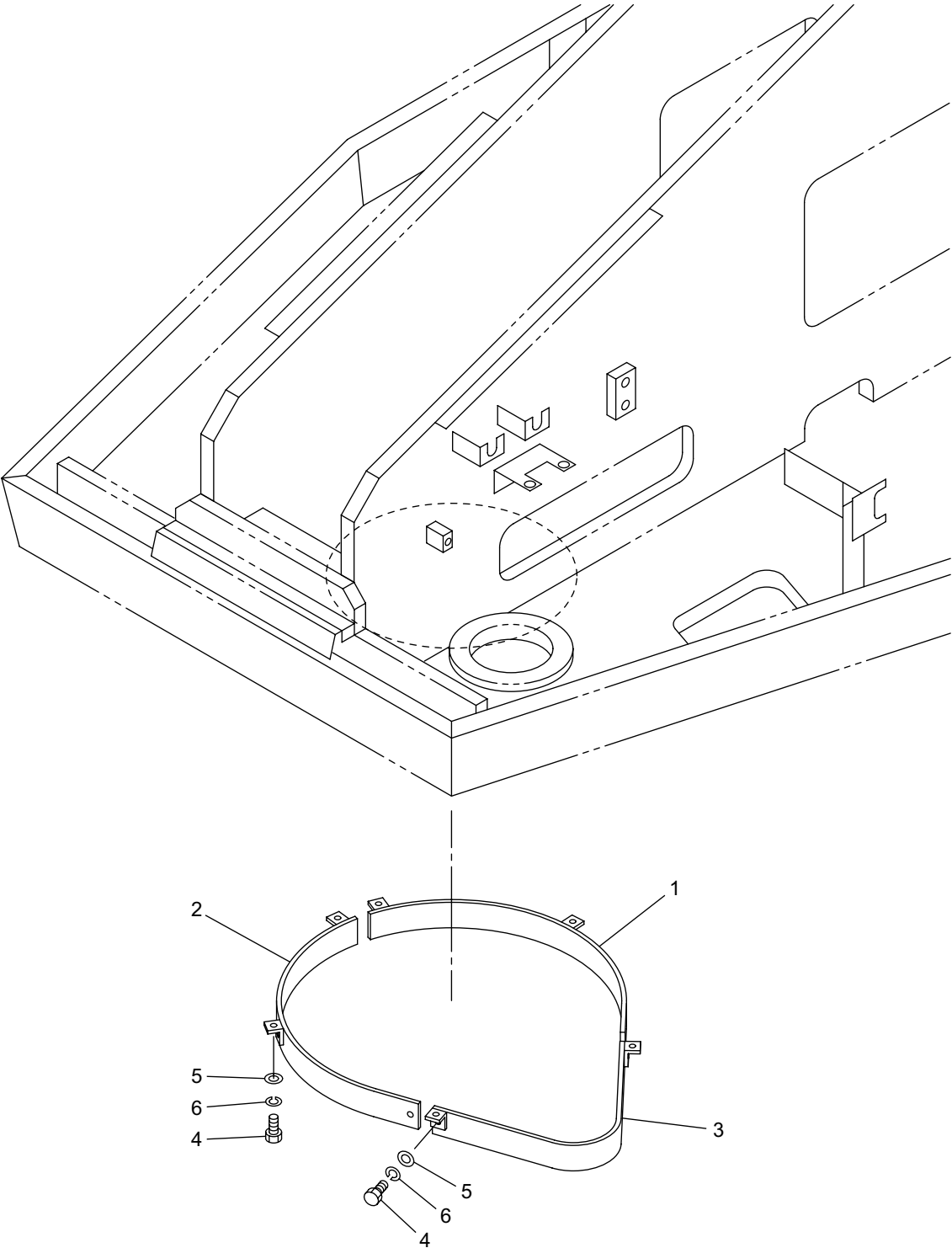


7M101651

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	37201141A	TURN TABLE BEARING	1			
2	2		SEAL	1			K MZ717175
3	2		SEPARATOR	73			K MZ717175
4	2		BALL	73			K MZ717175
5	1	R21M1002	RING, joint	1			
6	1	01361870	SCREW, cap	14			
7	1	03010018	WASHER, harden	14			
8	1	01361880	SCREW, cap	24			
9	1	01161685	BOLT	38			
10	1	02014416	NUT	38			
11	1	03010016	WASHER, harden	76			
12	1	1595231	FITTING, nylon	1			
13	1	12100101	PLUG	2			
14	1	12000101	FITTING, grease	1			
15	1	12001001	CAP, fitting	1			
16	1	15951131	FITTING, nylon	3			
17	1	15900103	TUBE, nylon	AR			
18	1	15955130	FITTING, nylon	1			
	1	MZ717175	INNER KIT	1			

Fig 7M101665

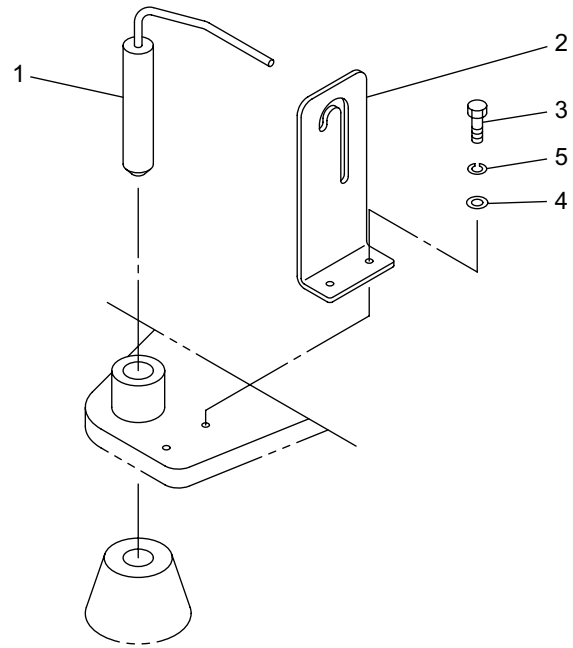
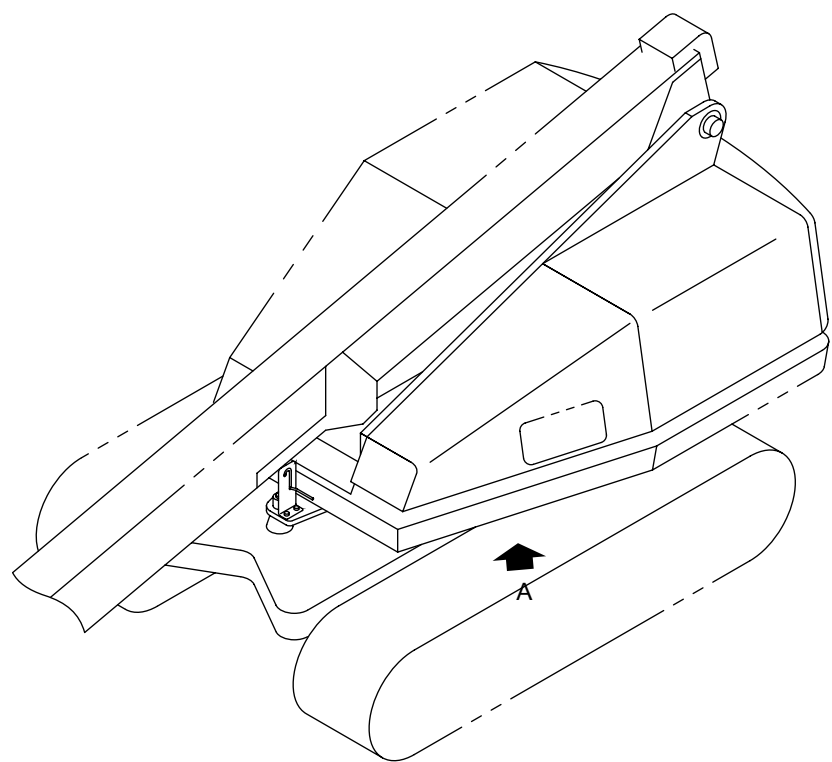
TURN TABLE BEARING COVER



7M101665

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R21M1003	COVER	1			
2	1	R21M1004	COVER	1			
3	1	R21M1005	COVER	1			
4	1	01130816	BOLT	8			
5	1	03000008	WASHER, flat	8			
6	1	03020008	WASHER, spring	8			

LOCK SWING



A DETAIL

7F000908

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R18F0165	PIN, lock	1			
2	1	R18F0166	PLATE	1			
3	1	01131025	BOLT	2			
4	1	03000010	WASHER, flat	2			
5	1	03020010	WASHER, spring	2			

7K001164

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R18K0092C	BOOM, 1st	1			
2	2	44101589	BUSHING	2			
3	1	R18K0070B	BOOM, 2nd	1			
4	1	R18K0082B	BOOM, 3rd	1			
5	1	36001151A	ROPE, wire	2			
6	1	R21K0140	COVER	2			
7	1	02014220	NUT	2			
8	1	02900220	NUT, W/guide	2			
9	1	36001031A	ROPE, wire	2			
10	1	H13K0199	COVER	2			
11	1	02014212	NUT	2			
12	1	02900212	NUT, W/guide	2			
13	1	12000001	FITTING, grease	1			
14	1	R21K0144	PLATE, slider	2			
15	1	01130825	BOLT	4			
16	1	03020008	WASHER, spring	4			
17	1	45400056	SLIDER	2			
18	1	R21K0156	SPACER	AR			
19	1	03600816	SCREW, machine	4			
20	1	R21K0007	PLATE	4			
21	1	R21K0008	PLATE, slider	4			
22	1	01130825	BOLT	8			
23	1	02014208	NUT	8			
24	1	45402588	SLIDER	4			
25	1	03600815	SCREW, machine	4			
26	1	01131020	BOLT	16			
27	1	03010010	WASHER, harden	16			
28	1	R21K0145	PLATE	2			
29	1	R21K0146	PLATE	1			
30	1	R21K0147	PLATE	1			
31	1	P21K0060	SWEEPER	2			
32	1	01130825	BOLT	4			
33	1	03020008	WASHER, spring	4			
34	1	R21K0148	PLATE	1			
35	1	R21K0149	PLATE	1			

7K001164

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
36	1	P21K0014	SWEEPER	1			
37	1	01130825	BOLT	3			
38	1	03020008	WASHER, spring	3			
39	1	44503545	PIN, lock	2			
40	1	01131220	BOLT	2			
41	1	03010012	WASHER, harden	2			
42	1	R21K0150	PLATE, rubber	2			
43	1	R21K0151	PLATE	2			
44	1	01130816	BOLT	4			
45	1	03020008	WASHER, spring	4			
46	1	44503396	PIN, lock	1			
47	1	04130040	RING, retaining	2			
48	1	44505751	PIN, lock	1			
49	1	44306227	WASHER	2			
50	1	04308050	PIN, cotter	2			
51	1	44503544	PIN, lock	1			
52	1	01201250	BOLT	1			
53	1	02014212	NUT	2			
54	1	R18K0087A	COVER, boom end	1			
55	1	01130812	BOLT	4			
56	1	03020008	WASHER, spring	4			
57	1	03000008	WASHER, flat	4			
58	1	R18K0086	COVER, boom head	1			
59	1	01130816	BOLT	4			
60	1	03020008	WASHER, spring	4			
61	1	03000008	WASHER, flat	4			
62	1	R21K0180	BRACKET	2			
63	1	12000201	FITTING, grease	2			
64	1	44900711	ROLLER	4			
65	1	44505753	PIN, lock	4			
66	1	01130820	BOLT	4			
67	1	03020008	WASHER, spring	4			
68	1	12000001	FITTING, grease	4			
69	1	44106504	BUSHING	4			
70	1	07000035	BUSHING, spherical	8			

7K001164

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
71	1	R21K0152	SWEEPER	1			
72	1	R21K0153	PLATE	1			
73	1	01130820	BOLT	3			
74	1	03020008	WASHER, spring	3			
75	1	R21K0154	SWEEPER	1			
76	1	R21K0155	PLATE	1			
77	1	01130820	BOLT	2			
78	1	03020008	WASHER, spring	2			
79	1	45402582	SLIDER	4			
80	1	H13K0068	SPACER	AR			
81	1	03600825	SCREW, machine	8			
82	1	02014208	NUT	8			
83	1	45400113	SLIDER	2			
84	1	H13K0068	SPACER	AR			
85	1	03600835	SCREW, machine	4			
86	1	02014208	NUT	4			
87	1	P18K0043	STOPPER	1			
88	1	01130812	BOLT	4			
89	1	03020008	WASHER, spring	4			
90	1	Z15K0229A	SHEAVE ASSEMBLY	1			
91	2	Z15K0230	SHEAVE, hose	1			
92	2	08063206	BEARING, ball	2			
93	1	44505756	PIN, lock	1			
94	1	04130030	RING, retaining	2			
95	1	44309006	SPACER	AR			
96	1	44304933	WASHER, flat	AR			
97	1	44900556	ROLLER	4			
98	1	P21K0072	SEPARATOR	1			
99	1	44909555	ROLLER	4			
100	1	44503249	PIN, lock	1			
101	1	04150006	RING, retaining	2			
102	1	01130820	BOLT	2			
103	1	02014208	NUT	2			
104	1	03020008	WASHER, spring	2			
105	1	P15K0087	SEPARATOR	1			

7K001164

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
106	1	P15K0072	SPACER	AR			
107	1	01130812	BOLT	2			
108	1	03020008	WASHER, spring	2			
109							
110	1	P15K0083	SEPARATOR	1			
111	1	44900743	ROLLER	2			
112	1	P15K0089B	PIN, lock	1			
113	1	04150007	RING, retaining	4			
114	1	01130812	BOLT	4			
115	1	03020008	WASHER, spring	4			
116	1	R21K0006	PLATE	4			
117	1	R21K0008	PLATE, slider	4			
118	1	45402583	SLIDER	4			
119	1	03600835	SCREW, machine	4			
120	1	01130835	BOLT	8			
121	1	02014208	NUT	8			
122	1	01131020	BOLT	16			
123	1	03010010	WASHER, harden	16			
124	1	P25K0202	PLATE, slider	2			
125	1	45401813	SLIDER	2			
126	1	P25K0205	SPACER	AR			
127	1	03600830	SCREW, machine	4			
128	1	02014208	NUT	4			
129	1	01131016	BOLT	4			
130	1	03010010	WASHER, harden	4			
131	1	R21K0162	BOSS	2			
132	1	01361030	SCREW, cap	2			
133	1	03010010	WASHER, harden	2			
134	1	44909030	SHEAVE, wire	2			
135	1	08349208	BEARING, needle	2			
136	1	H13K0194	PIN, lock	2			
137	1	44306228	WASHER	2			
138	1	01130820	BOLT	2			
139	1	03010008	WASHER, harden	2			
140	1	R21K0159	STOPPER	2			

7K001164

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
141	1	01130825	BOLT	4			
142	1	02014008	NUT	4			
143	1	03020008	WASHER, spring	4			
144	1	44505757	PIN, lock	2			
145	1	12000201	FITTING, grease	2			
146	1	01131015	BOLT	2			
147	1	03010010	WASHER, harden	2			
148	1	44900711	ROLLER	2			
149	1	07000035	BUSHING, spherical	4			
150	1	P21K0016	SWEEPER	1			
151	1	R21K0166	PLATE	1			
152	1	R21K0165	PLATE	1			
153	1	01130830	BOLT	2			
154	1	02014208	NUT	2			
155	1	03020008	WASHER, spring	2			
156	1	P21K0017	SWEEPER	2			
157	1	R21K0160	PLATE	1			
158	1	R21K0161	PLATE	1			
159	1	R21K0164	PLATE	2			
160	1	01130830	BOLT	6			
161	1	02014208	NUT	6			
162	1	03020008	WASHER, spring	6			
163	1	P21K0018	SWEEPER	1			
164	1	R21K0163	PLATE	1			
165	1	R21K0167	PLATE	1			
166							
167							
168	1	N14K0021A	PIN, lock	2			
169	1	04130020	RING, retaining	2			
170	1	44503547B	PIN, lock	2			
171	1	04130030	RING, retaining	2			
172	1	45400117	SLIDER	4			
173	1	H13K0068	SPACER	AR			
174	1	03600825	SCREW, machine	4			
175	1	03600820	SCREW, machine	4			

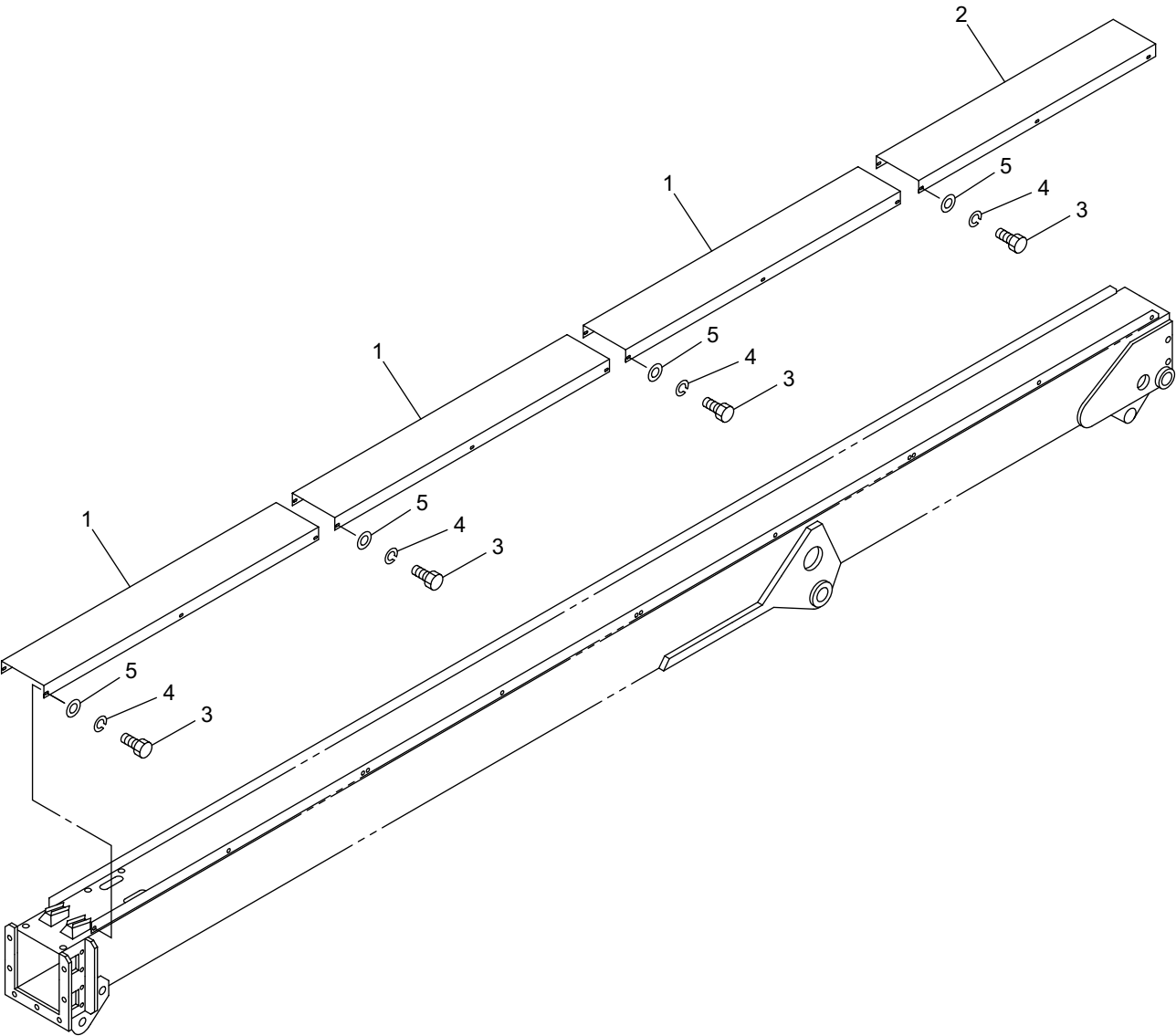
7K001164

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
176	1	45400135	SLIDER	2			
177	1	R21K0156	SPACER	AR			
178	1	03600825	SCREW, machine	4			
179	1	02014208	NUT	4			
180	1	45400113	SLIDER	2			
181	1	H13K0068	SPACER	AR			
182	1	03600830	SCREW, machine	4			
183	1	02014208	NUT	4			
184							
185							
186	1	R18K0078	BRACKET	1			
187	1	01130816	BOLT	2			
188	1	03010008	WASHER, harden	2			
189	1	06100049	U-BOLT	2			
190	1	02014208	NUT	8			
191	1	03020008	WASHER, spring	4			
192	1	44505754	PIN, lock	1			
193	1	44309005	WASHER	1			
194	1	02414230	NUT, castle	1			
195	1	03000033	WASHER, flat	1			
196	1	04306355	PIN, cotter	1			
197	1	12000001	FITTING, grease	1			
198	1	44503554	PIN, lock	1			
199	1	04130030	RING, retaining	2			
200	1	R18K0077	TENSIONNER ASSEMBLY	1			
201	2	R18K0076	TENSIONNER	1			
202	2	R18K0052	CLAMP	3			
203	2	40801998	CLAMP, tube	3			
204	2	01360625	SCREW, cap	6			
205	2	03020006	WASHER, spring	6			
206	2	44008298	BOLT	3			
207	2	02014212	NUT	3			
208	1	R21W2006	COVER	4			
209	1	03610406	SCREW, machine	8			
210	1	03020004	WASHER, spring	8			

7K001164

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
211	1	5K00005500A	BOLT, guide	2			
212	1	03020008	WASHER, spring	2			
213	1	Z15K0247	COVER	1			
214	1	03610408	SCREW, machine	2			

BOOM COVER

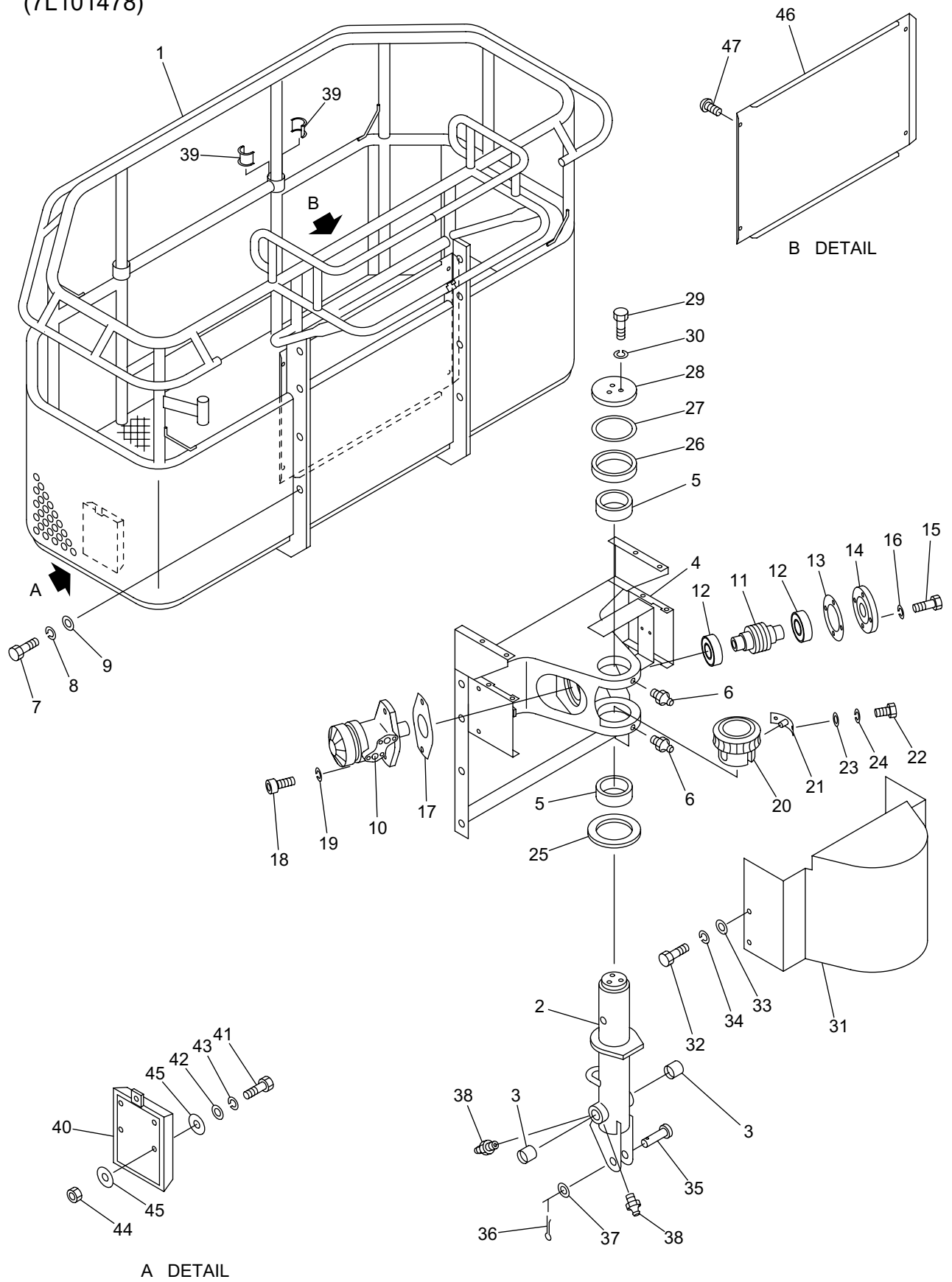


7K001155

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R18S8024	COVER, boom	3			
2	1	R18K0088	COVER, boom	1			
3	1	01130816	BOLT	24			
4	1	03020008	WASHER, spring	24			
5	1	03000008	WASHER, flat	24			

Fig 7L101485
(7L101171)
(7L101471)
(7L101478)

BASKET



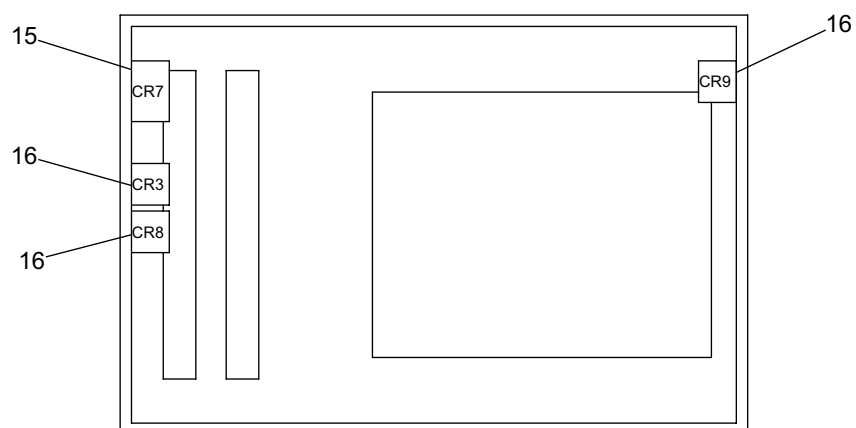
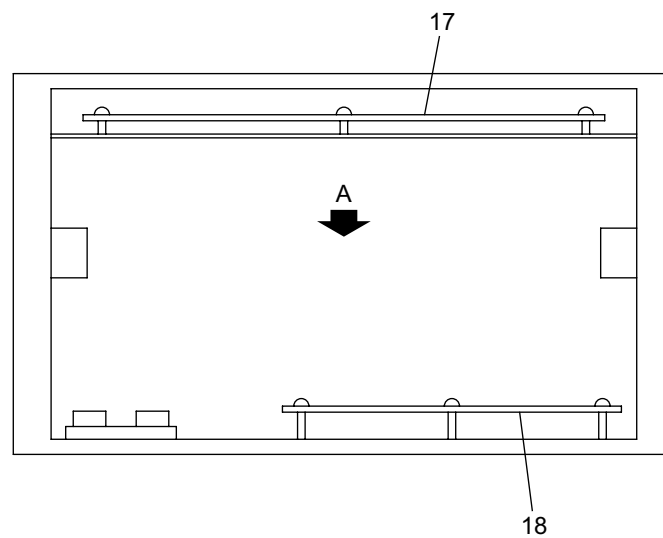
7L101485

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R12L1057C	BASKET	1			
2	1	R21L1006A	BASE	1			
3	2	44106531	BUSHING	2			
4	1	R21L1018B	BRACKET, basket	1			
5	2	44106548	BUSHING	2			
6	2	12000001	FITTING, grease	2			
7	1	01131230	BOLT	8			
8	1	03020012	WASHER, spring	8			
9	1	03010012	WASHER, harden	8			
10	1	30105706A	MOTOR, orbit	1			
11	1	47000928	GEAR, worm	1			
12	1	08062408	BEARING, ball	2			
13	1	R21L1008	SPACER	AR			
14	1	R12L1053	COVER	1			
15	1	01131025	BOLT	4			
16	1	03020010	WASHER, spring	4			
17	1	R21L1002	SPACER	1			
18	1	01361240	SCREW, cap	2			
19	1	03020012	WASHER, spring	2			
20	1	H13L1227	WHEEL, worm	1			
21	1	R21L1010	BAND, wheel	2			
22	1	01161240	BOLT	4			
23	1	03010012	WASHER, harden	4			
24	1	03020012	WASHER, spring	4			
25	1	44101481	WASHER, thrust	1			
26	1	R12L1030	COLLAR	1			
27	1	R21L1003	SPACER	AR			
28	1	P21L1017	PLATE	1			
29	1	01131020	BOLT	3			
30	1	03020010	WASHER, spring	3			
31	1	R18L1118	COVER	1			
32	1	01130820	BOLT	4			
33	1	03000008	WASHER, flat	4			
34	1	03020008	WASHER, spring	4			
35	1	44505760	PIN, lock	1			

7L101485

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
36	1	04306350	PIN, cotter	1			
37	1	44304933	WASHER, flat	2			
38	1	12000001	FITTING, grease	2			
39	1	45402499B	SLIDER, basket	4			
40	1	3880000014	BOX, manual	1			
41	1	01130620	BOLT	4			
42	1	03000006	WASHER, flat	4			
43	1	03020006	WASHER, spring	4			
44	1	02014206	NUT	4			
45	1	S3432701	WASHER, flat	8			
46	1	R18L1116B	PLATE	1			
47	1	S3405217	SCREW, machine	4			

LOWER CONTROL BOX



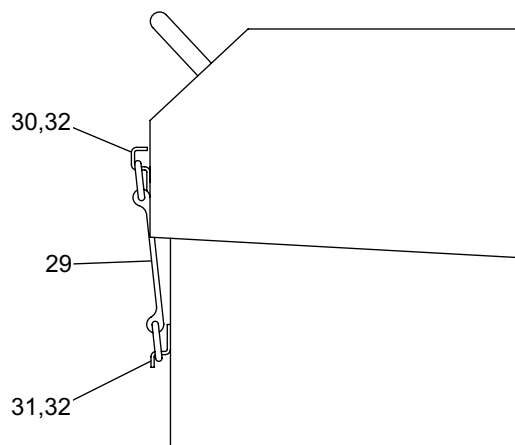
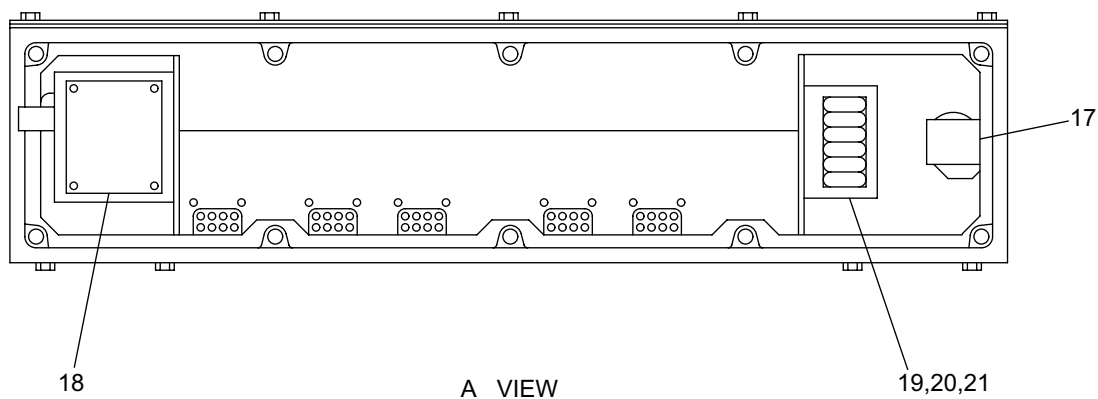
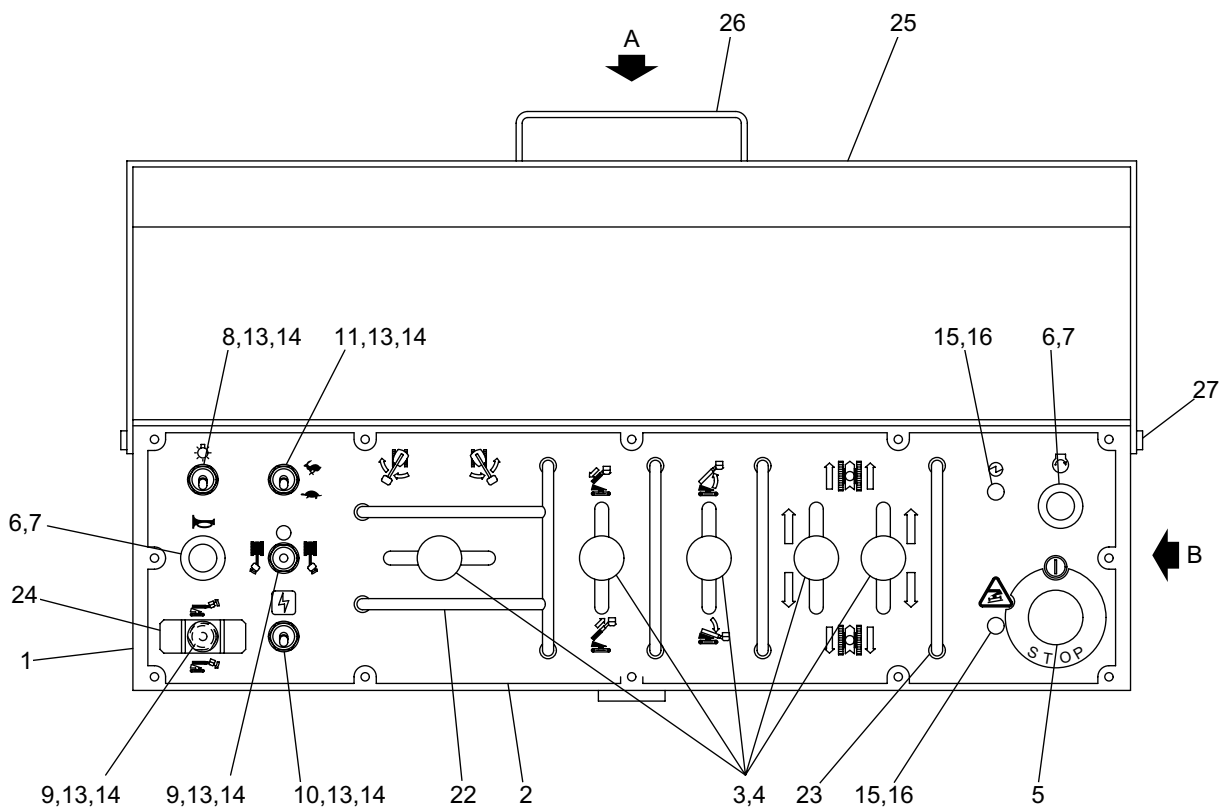
83102100

7N504124

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R18N5040E	LOWER CONTROL BOX	1			A6,E1
1	1	R12N5123F	LOWER CONTROL BOX	1			F1
2	2	R21Y6020B	NAME PLATE, operate	1			
3	2	38100112	METER, hour	1			
4	2	V04C0102	SWITCH, key	1			
5	2	32102175	L.E.D	5			
6	2	32102186	CLIP, led	5			
7	2	V04C0103	SWITCH, push pull	1			
8	2	17302212	SWITCH, toggle	3			
9	2	17300100	SWITCH, toggle	1			
10	2	17302102	SWITCH, toggle	1			
11	2	32001484	CAP, dust	5			
12	2	32001501	NUT	5			
13	2	19251314	CONNECTOR, metal	1			
14	2	19254200	CAP, connector	1			
15	2	32003016	RELAY	1			CR7
16	2	32003015	RELAY	3			CR3 CR8 CR9
17	2	R12N5112A	UNIT, valve control	1			
18	2	R12N5119G	BOARD, interface	1			
19	2	19101005	FUSE, brade	1			5A
20	2	19101010	FUSE, brade	3			10A
21	2	19101020	FUSE, brade	1			20A
22	2	19101030	FUSE, brade	1			30A

Fig 7N504123

UPPER CONTROL BOX



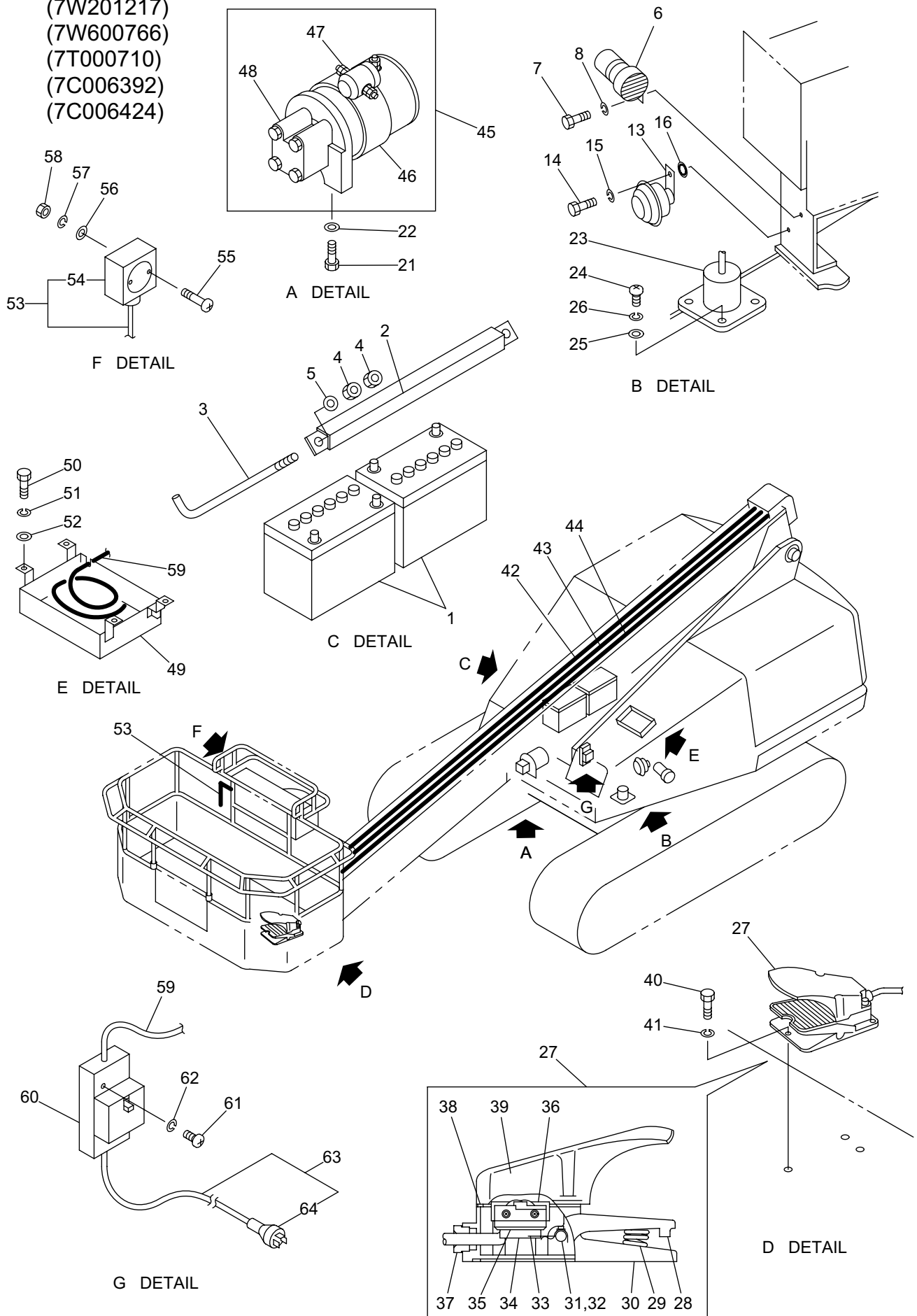
B VIEW

7N504123

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R18N5041F	UPPER CONTROL BOX	1			
2	2	R18Y6055B	NAME PLATE, operate	1			
3	2	32401615	CONTROLLER	5			
4	3	MZ240015	KNOB	1			
5	2	V04C0103	SWITCH, push pull	1			
6	2	17351101	SWITCH, button	2			
7	2	17370000	COVER, switch	2			
8	2	17300100	SWITCH, toggle	1			
9	2	17301212	SWITCH, toggle	2			
10	2	17301102	SWITCH, toggle	1			
11	2	17301111	SWITCH, toggle	1			
12							
13	2	32001484	CAP, dust	5			
14	2	32001501	NUT	5			
15	2	32102175	L.E.D	2			
16	2	32102186	CLIP, led	2			
17	2	32400830	BUZZER	1			
18	2	R12N5126	BOARD, control	1			
19	2	19101003	FUSE, brade	2			3A
20	2	19101005	FUSE, brade	1			5A
21	2	19101010	FUSE, brade	3			10A
22	2	MZ297181	GUARD, lever	1			
23	2	MZ297182	GUARD, lever	3			
24	2	Z15Y6205	GUARD, sw	1			
25	2	R18N5045	COVER, box	1			
26	2	R12N5109	HANDLE	1			
27	2	R12N5139	BOLT	2			
28							
29	2	R12N5135	BAND	1			
30	2	R12N5136	HOOK	1			
31	2	R12N5137	HOOK	1			
32	2	03610506	SCREW, machine	4			

Fig 7C006440
 (7W201217)
 (7W600766)
 (7T000710)
 (7C006392)
 (7C006424)

ELECTRIC PARTS



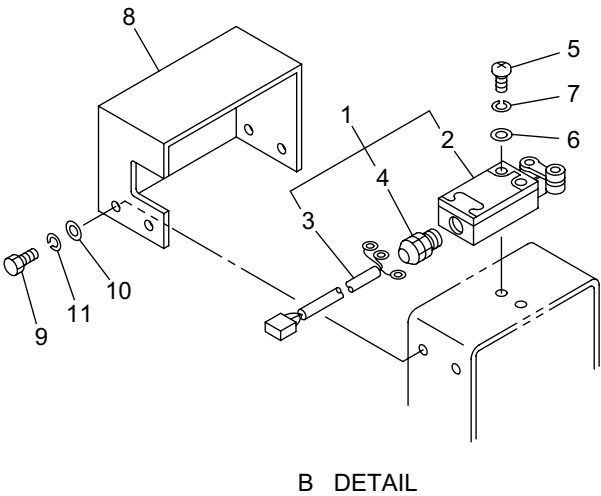
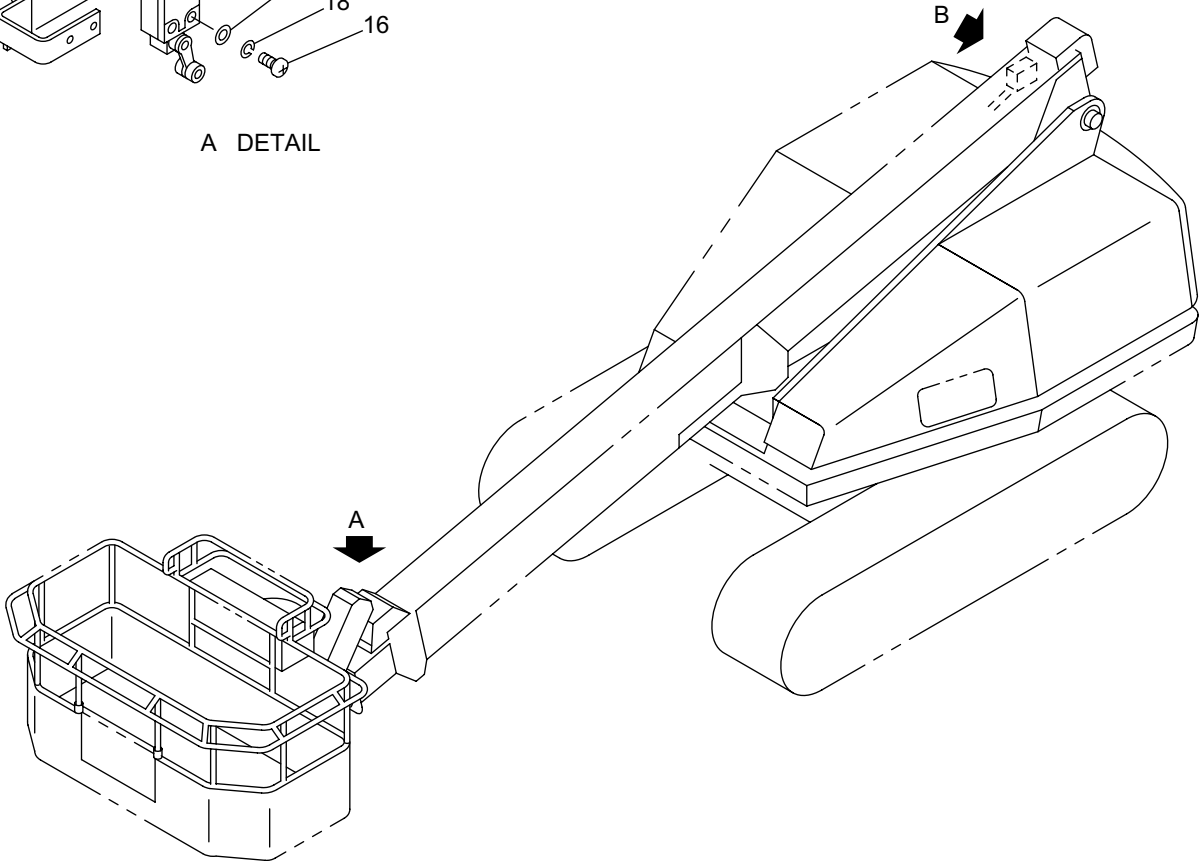
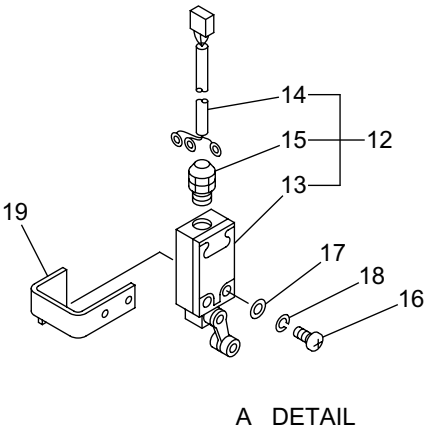
7C006440

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R12C0102	BATTERY	2			C32400832
2	1	R18C0010	BRACKET	1			
3	1	R18C0013	BOLT	2			
4	1	02014208	NUT	4			
5	1	03000008	WASHER, flat	2			
6	1	R12C0105A	BUZZER	1			
7	1	01130820	BOLT	1			
8	1	03020008	WASHER, spring	1			
9							
10							
11							C 32004017
12							
13	1	R21C0009	HORN	1			
14	1	01130820	BOLT	1			
15	1	03020008	WASHER, spring	1			
16	1	03040008	WASHER, tooth	1			
17							
18							
19							
20							
21	1	44007705	BOLT	2			
22	1	03010010	WASHER, harden	2			
23	1	3820000019	SENSOR, angle	1			
24	1	03610412	SCREW, machine	4			
25	1	03000004	WASHER, flat	4			
26	1	03020004	WASHER, spring	4			
27	1	R12T0147	FOOT SWITCH	1			
28	2	MZ207118	PEDAL	1			
29	2	MZ207119	SPRING	1			
30	2	MZ207120	BODY	1			
31	2	MZ207121	O-RING	2			
32	2	MZ207122	SHAFT	1			
33	2	MZ207123	LEVER	1			
34	2	MZ207124	HOLDER, switch	1			
35	2	MZ207117	SWITCH	1			

7C006440

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
36	2	MZ207125	INSULATOR	1			
37	2	MZ207126	CONNECTOR	1			
38	2	MZ207127	SEAL	1			
39	2	MZ207116	COVER	1			
40	1	01130616	BOLT	3			
41	1	03020006	WASHER, spring	3			
42	1	R18C1048	CABLE 1	1			20cores, 25500mm
43	1	R18C1065B	CABLE 10	1			14cores, 25500mm:A6
43	1	R18C1078	CABLE 10	1			14cores, 25500mm:E1,F1
44	1	R18C1061A	CABLE 2	1			20cores, 25500mm
45	1	R21W6001	PUMP, emergency	1			
46	2	G754000001	MOTOR	1			
47	2	G754000002	SOLENOID	1			
48	2	G754000003	PUMP ASSEMBLY	1			
49	1	R18F0159	BOX	1			
50	1	01130820	BOLT	4			
51	1	03020008	WASHER, spring	4			
52	1	03000008	WASHER, flat	4			
53	1	R21C1058	HARNESS	1			4300mm:A6,E1
53	1	R21C1055	HARNESS	1			600mm:F1
54	2	32700313	RECEPTACLE	1			F1
55	1	03610520	SCREW, machine	2			F1
56	1	03000005	WASHER, flat	2			F1
57	1	03020005	WASHER, spring	2			F1
58	1	02014205	NUT	2			F1
59	1	R21C1057	HARNESS	1			800mm:A6,E1
59	1	R21C1056	HARNESS	1			1000mm:F1
60	1	3200000700	BRAKER	1			F1
61	1	03610416	SCREW, machine	2			F1
62	1	03020004	WASHER, spring	2			F1
63	1	R18C1067	HARNESS	1			F1
64	2	32704432	PLUG	1			F1

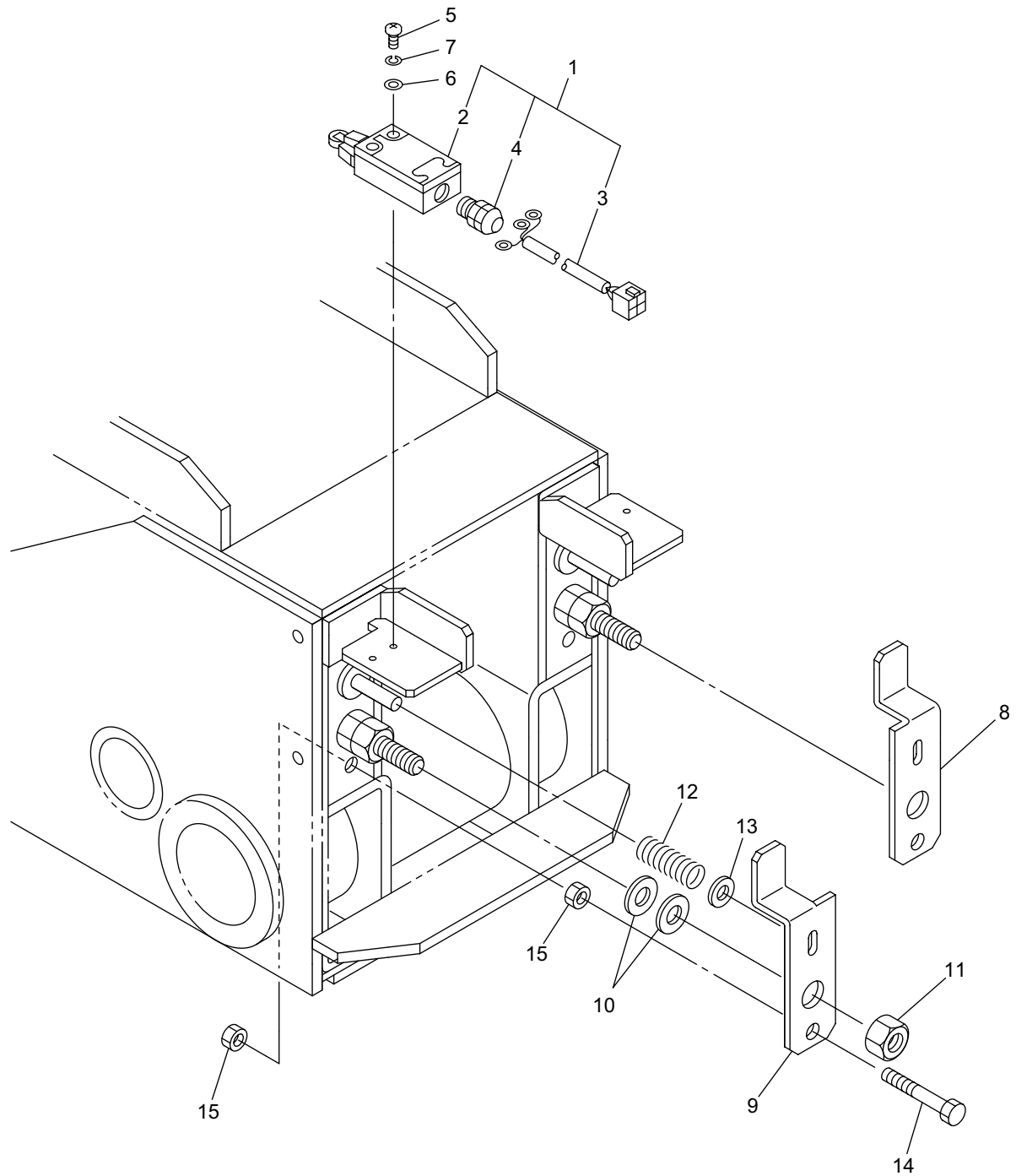
TRAVEL LIMIT



7W201229

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R12C1076B	SWITCH	1			
2	2	R12C0108	SWITCH, limit	1			
3	2	R12C1091A	HARNESS, wire	1			
4	2	R12C0110	CONNECTOR	1			
5	1	03610430	SCREW, machine	2			
6	1	03000004	WASHER, flat	2			
7	1	03020004	WASHER, spring	2			
8	1	R12W2024A	COVER, limit	1			
9	1	01130615	BOLT	4			
10	1	03000006	WASHER, flat	4			
11	1	03020006	WASHER, spring	4			
12	1	R12C1076B	SWITCH	1			
13	2	R12C0108	SWITCH, limit	1			
14	2	R12C1091A	HARNESS, wire	1			
15	2	R12C0110	CONNECTOR	1			
16	1	03610430	SCREW, machine	2			
17	1	03000004	WASHER, flat	2			
18	1	03020004	WASHER, spring	2			
19	1	R18W2002	PLATE	1			

WIRE CUT LIMITTER

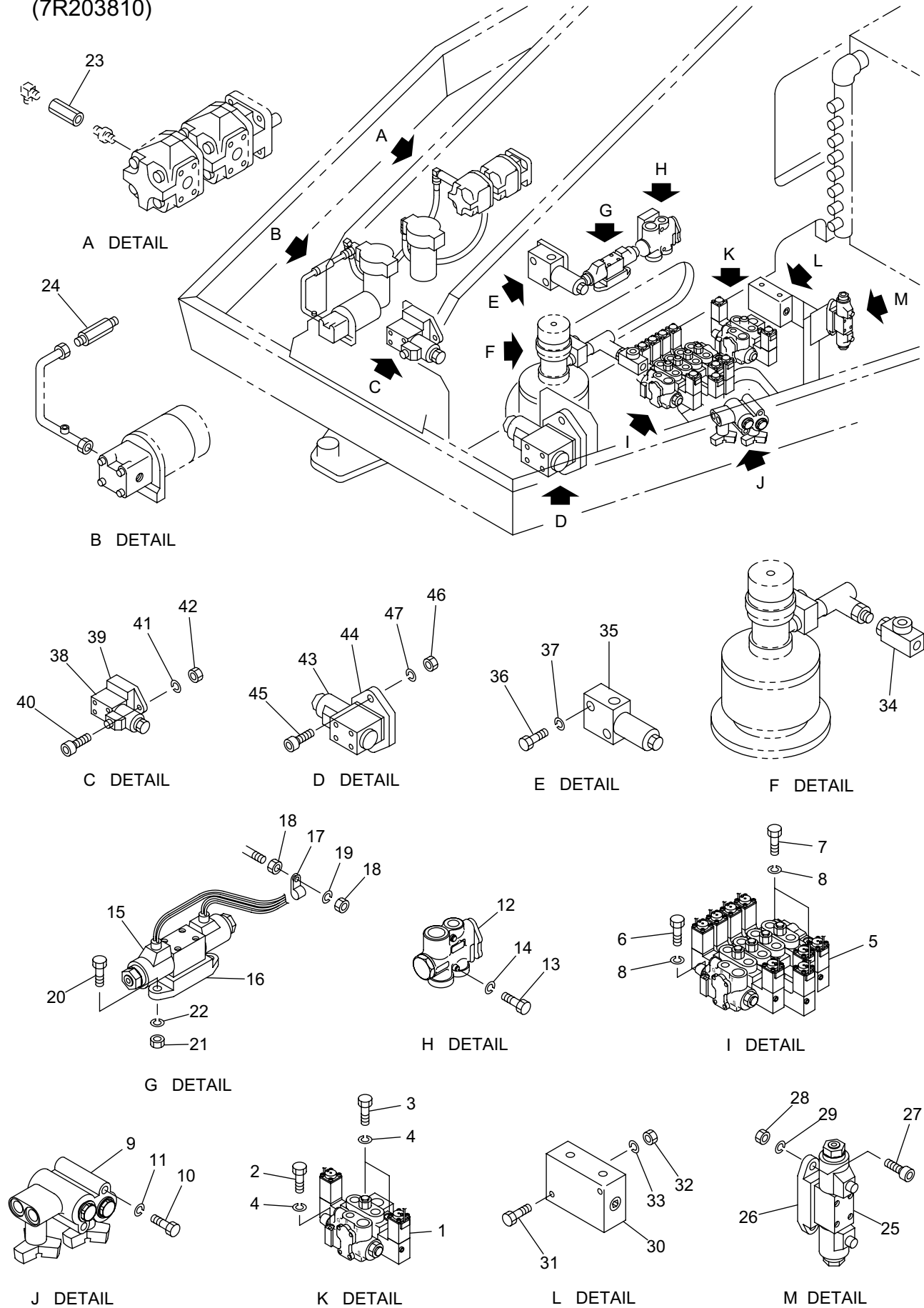


7T000722

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R12C1077D	SWITCH	2			
2	2	R12C0109	SWITCH, limit	1			
3	2	R12C1090A	HARNESS, wire	1			
4	2	R12C0110	CONNECTOR	1			
5	1	03610430	SCREW, machine	4			
6	1	03000004	WASHER, flat	4			
7	1	03020004	WASHER, spring	4			
8	1	Z15T0207	PLATE	1			
9	1	Z15T0208	PLATE	1			
10	1	03000020	WASHER, flat	4			
11	1	02014220	NUT	2			
12	1	Z15T0206	SPRING	2			
13	1	03000008	WASHER, flat	2			
14	1	01131275	BOLT	2			
15	1	02012212	NUT	2			

Fig 7R203821
(7R203820)
(7R203810)

VALVE



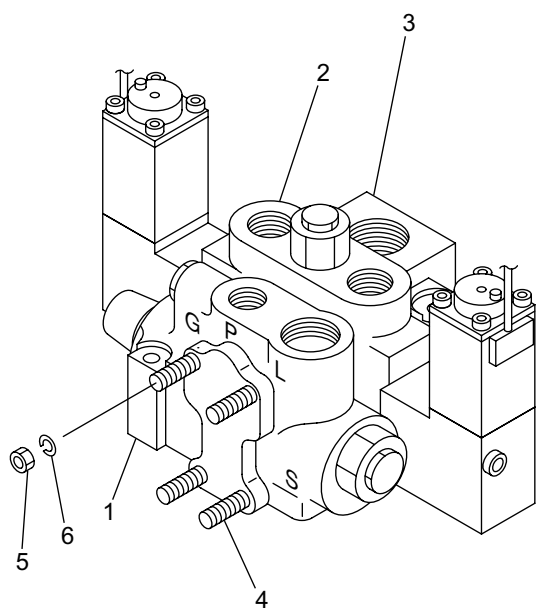
7R203821

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	30205213	CONTROL VALVE	1			See Fig 30205213
2	1	01131080	BOLT	1			
3	1	01131030	BOLT	2			
4	1	03020010	WASHER, spring	3			
5	1	30205214A	CONTROL VALVE	1			See Fig 30205214A
6	1	01131080	BOLT	1			
7	1	01131030	BOLT	2			
8	1	03020010	WASHER, spring	3			
9	1	30202952A	COMBINATION VALVE	1			See Fig 30202952A
10	1	01131000	BOLT	2			
11	1	03020010	WASHER, spring	2			
12	1	30203142	PRIORITY VALVE	1			See Fig 30203142
13	1	01130660	BOLT	2			
14	1	03020006	WASHER, spring	2			
15	1	30206303A	SOLENOID VALVE	1			See Fig 30206303A
16	1	40201499	PLATE, sub	1			
17	1	19400020	CLIP	1			
18	1	02014206	NUT	2			
19	1	03020006	WASHER, spring	1			
20	1	01130625	BOLT	2			
21	1	02014206	NUT	2			
22	1	03020006	WASHER, spring	2			
23	1	30202889	VALVE, check	1			
24	1	15101205	VALVE, check	1			
25	1	30206303A	SOLENOID VALVE	1			See Fig 30206303A
26	1	40201499	PLATE, sub	1			
27	1	01360625	SCREW, cap	2			
28	1	02014206	NUT	2			
29	1	03020006	WASHER, spring	2			
30	1	30202909A	DOUBLE PILOT CHECK VALVE	1			See Fig 30202909A
31	1	01130855	BOLT	2			
32	1	02014208	NUT	2			
33	1	03020008	WASHER, spring	2			
34	1	30203073	VALVE, shuttle	1			
35	1	3205574C	SHUTOFF VALVE	1			See Fig 3205574C

7R203821

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
36	1	01130860	BOLT	2			See Fig 30206215A
37	1	03020005	WASHER, spring	2			
38	1	30206215A	SOLENOID VALVE	1			
39	1	R12R2038	PLATE, sub	1			
40	1	01360625	SCREW, cap	2			
41	1	03020006	WASHER, spring	2			See Fig 30202745C
42	1	02014206	NUT	2			
43	1	30202745C	SOLENOID VALVE	1			
44	1	30204783	PLATE, sub	1			
45	1	01361045	SCREW, cap	2			
46	1	02014210	NUT	2			
47	1	03020010	WASHER, spring	2			

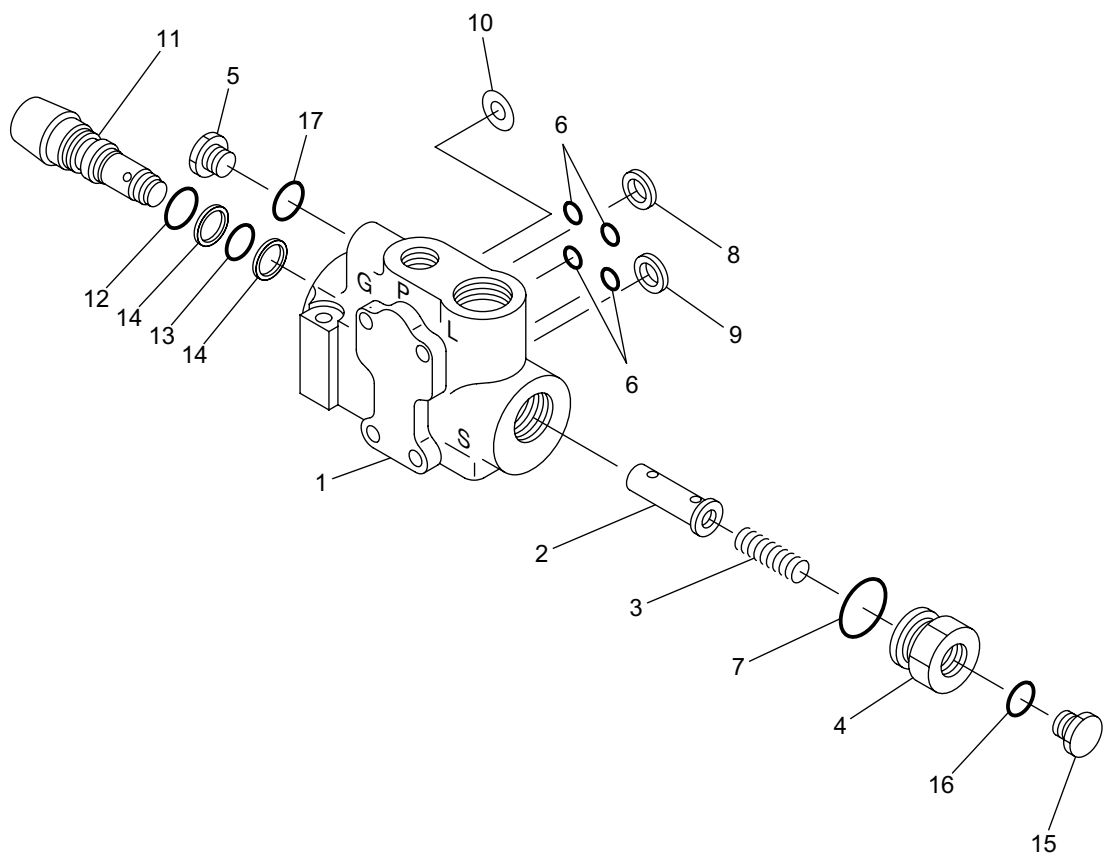
CONTROL VALVE



30205213

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	G305020254	PL COVER ASSEMBLY	1			See Fig G305020254
2	1	G305020255	BODY ASSEMBLY	1			See Fig G305020255
3	1	G305020239	COVER, end	1			
4	1	G305020256	BOLT, stud	4			
5	1	02014208	NUT	4			
6	1	03020008	WASHER, spring	4			

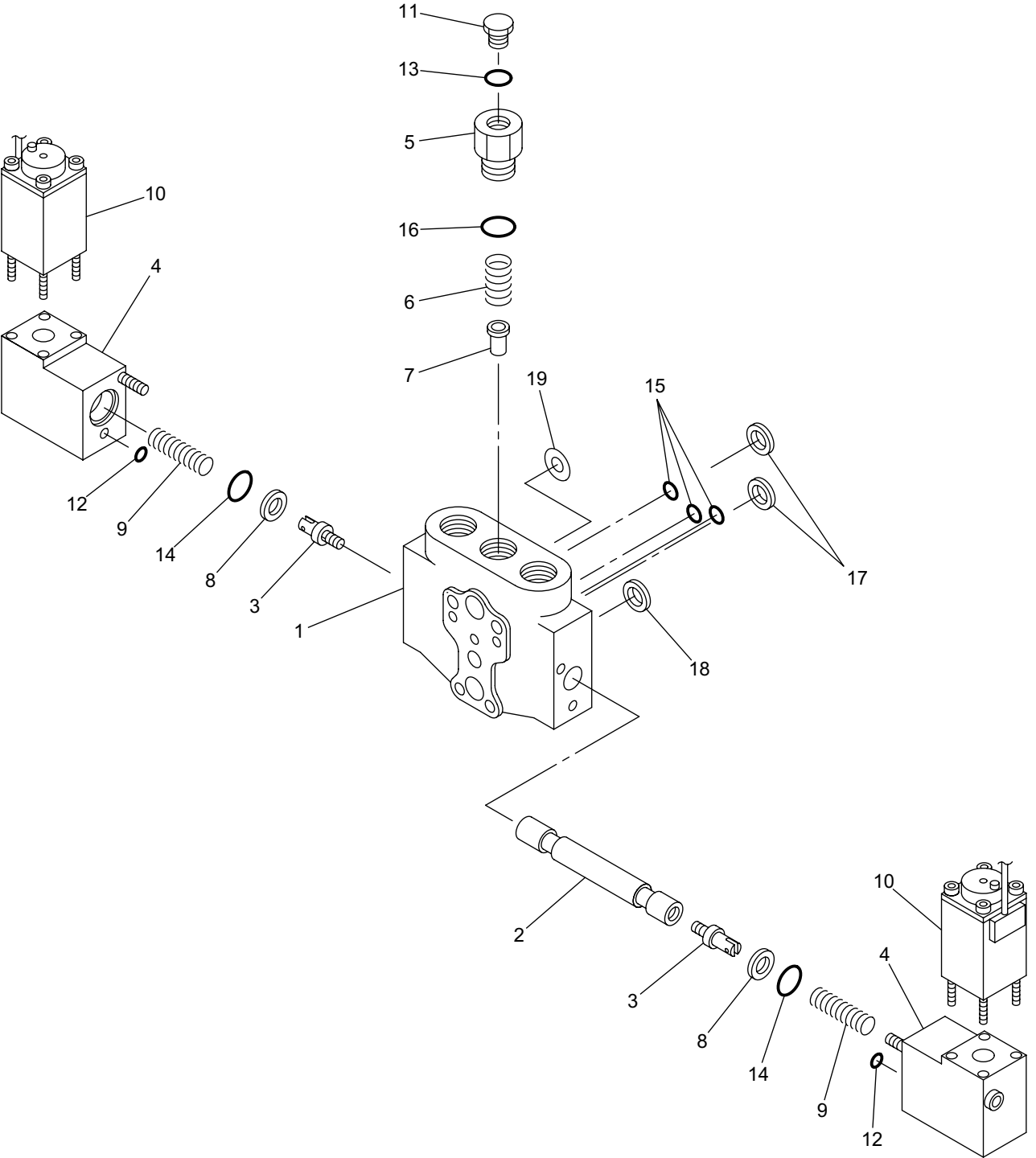
PL COVER ASSEMBLY



G305020254

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1		COVER	1			
2	1		PLUNGER	1			
3	1		SPRING	1			
4	1		PLUG	1			
5	1		PLUG	1			
6	1	11010050	O-RING	4			
7	1	11010240	O-RING	1			
8	1	G305020171	RING	1			
9	1	G305020172	RING	1			
10	1	G305020173	SHIM	4			
11	1	G305020174	VALVE,relief	1			
12	2	G305020175	O-RING	1			
13	2	G305020176	O-RING	1			
14	2	G305020177	RING,back-up	2			
15	1		PLUG	1			
16	1	11010080	O-RING	1			
17	1	11010110	O-RING	1			

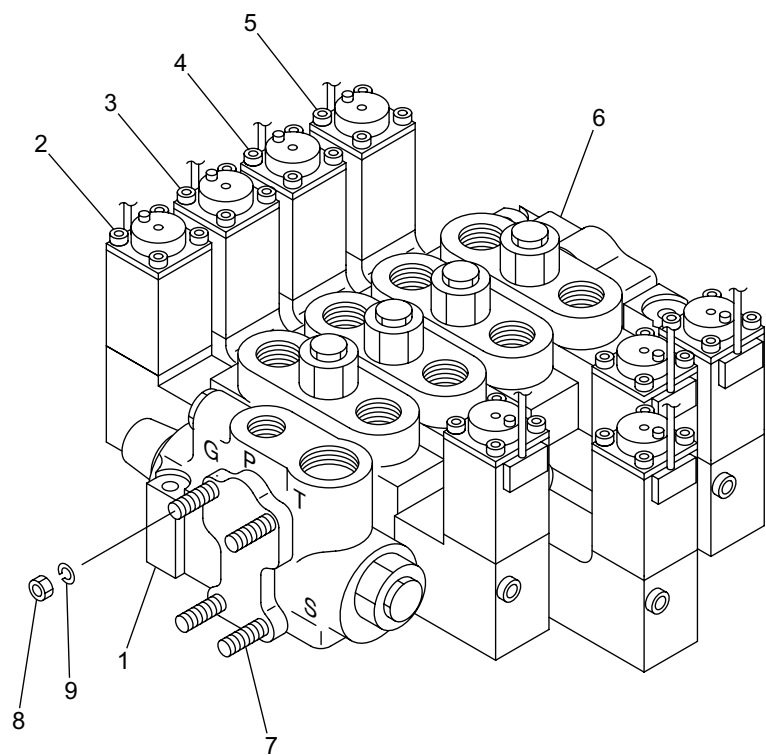
BODY ASSEMBLY



G305020255

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1		BODY	1			
2	1		SPOOL	1			
3	1		END, spool	2			
4	1		COVER	2			
5	1		PLUG	1			
6	1		SPRING	1			
7	1		PLUNGER	1			
8	1		RETAINER	2			
9	1		SPRING	2			
10	1	G305020191	COIL, solenoid	2			
11	1		PLUG	1			
12	1	11010040	O-RING	4			
13	1	11010080	O-RING	1			
14	1	G305020192	O-RING	2			
15	1	11010050	O-RING	3			
16	1	11010210	O-RING	1			
17	1	G305020171	RING	2			
18	1	G305020172	RING	1			
19	1	G305020173	SHIM	4			

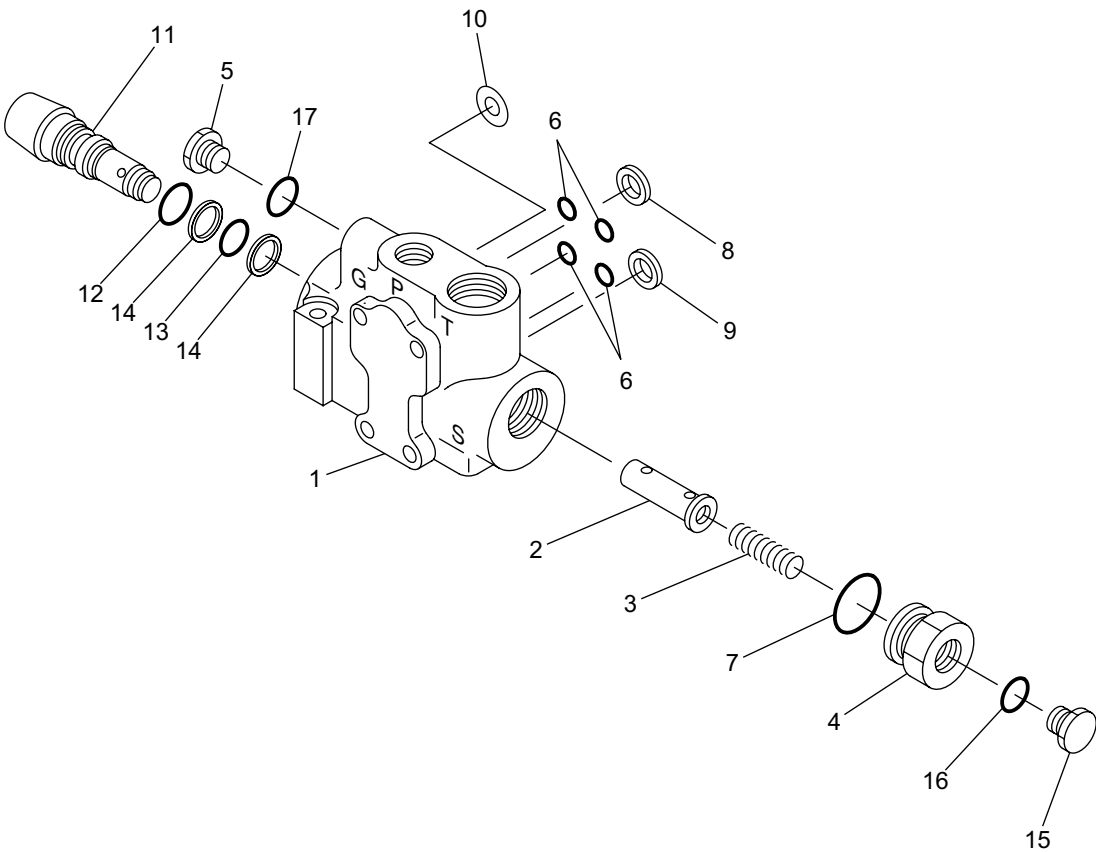
CONTROL VALVE



30205214A

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	G305020165	PT COVER ASSEMBLY	1			See Fig G305020165
2	1	G305020257	BODY ASSEMBLY	1			See Fig G305020257
3	1	MU020065	BODY ASSEMBLY	1			See Fig MU020065
4	1	MU020066	BODY ASSEMBLY	1			See Fig MU020066
5	1	MU020067	BODY ASSEMBLY	1			See Fig MU020067
6	1	G305020206	COVER, end	1			
7	1	G305020207	BOLT, stud	4			
8	1	02014208	NUT	4			
9	1	03020008	WASHER, spring	4			

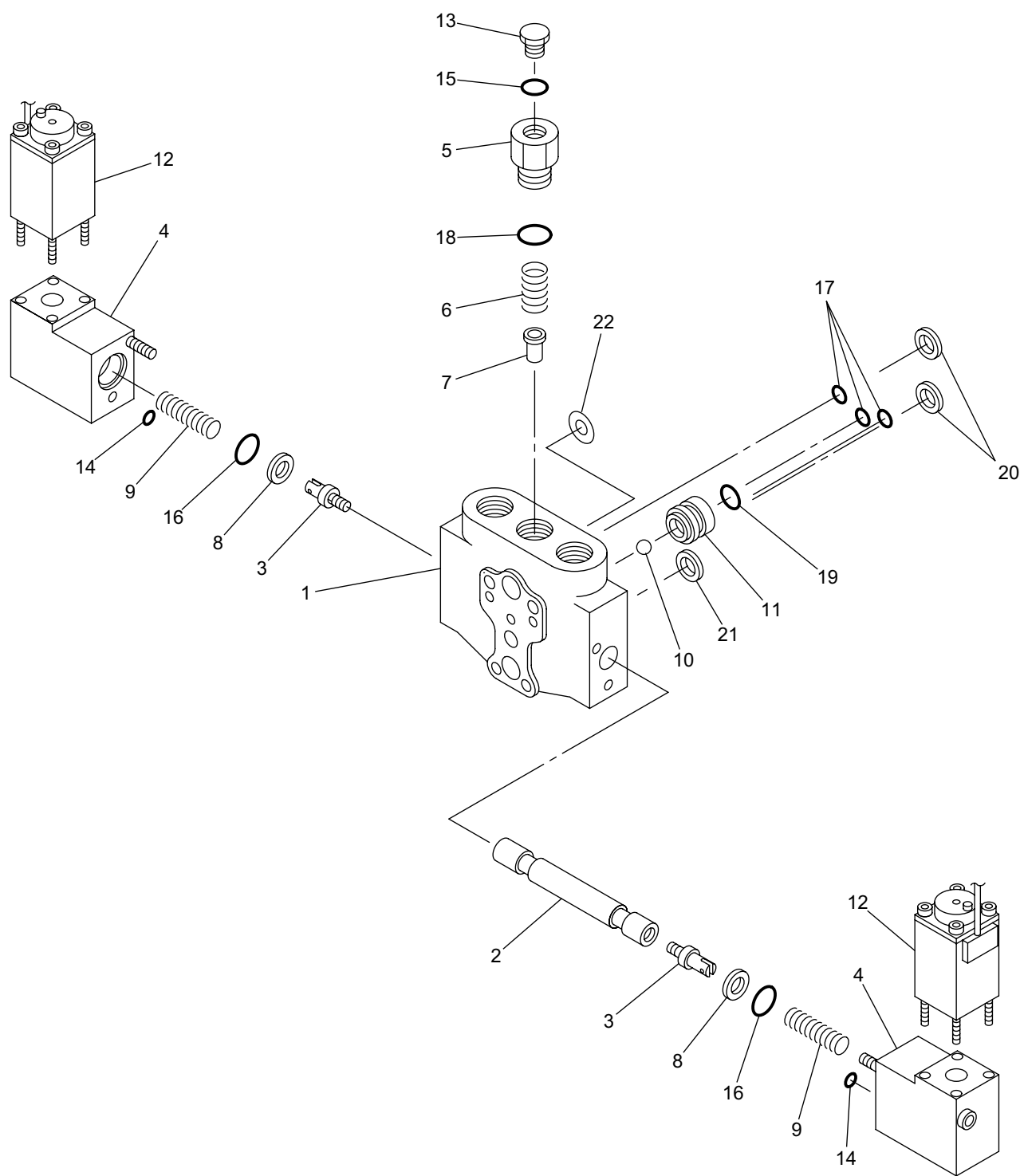
PT COVER ASSEMBLY



G305020165

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1		COVER	1			
2	1		PLUNGER	1			
3	1		SPRING	1			
4	1		PLUG	1			
5	1		PLUG	1			
6	1	11010050	O-RING	4			
7	1	11010240	O-RING	1			
8	1	G305020171	RING	1			
9	1	G305020172	RING	1			
10	1	G305020173	SHIM	4			
11	1	G305020174	VALVE,relief	1			
12	2	G305020175	O-RING	1			
13	2	G305020176	O-RING	1			
14	2	G305020177	RING,back-up	2			
15	1		PLUG	1			
16	1	11010080	O-RING	1			
17	1	11010110	O-RING	1			

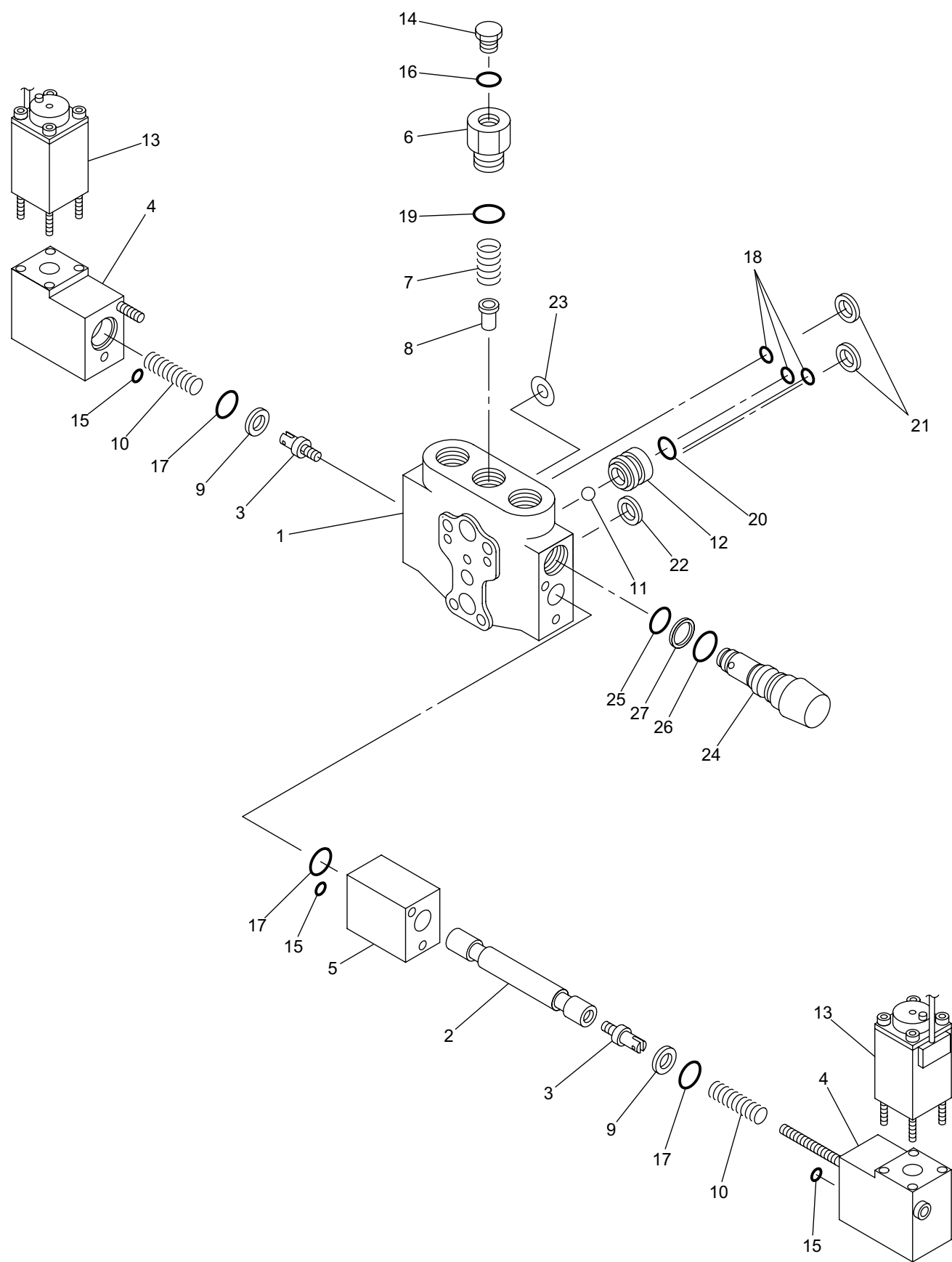
BODY ASSEMBLY



G305020257

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1		BODY	1			
2	1		SPOOL	1			
3	1		END,spool	2			
4	1		COVER	2			
5	1		PLUG	1			
6	1		SPRING	1			
7	1		PLUNGER	1			
8	1		RETAINER	2			
9	1		SPRING	2			
10	1		BALL,steel	1			
11	1		RETAINER	1			
12	1	G305020191	COIL,solenoid	2			
13	1		PLUG	1			
14	1	11010040	O-RING	4			
15	1	11010080	O-RING	1			
16	1	G305020192	O-RING	2			
17	1	11010050	O-RING	3			
18	1	11010210	O-RING	1			
19	1	G305020193	O-RING	1			
20	1	G305020171	RING	2			
21	1	G305020172	RING	1			
22	1	G305020173	SHIM	4			

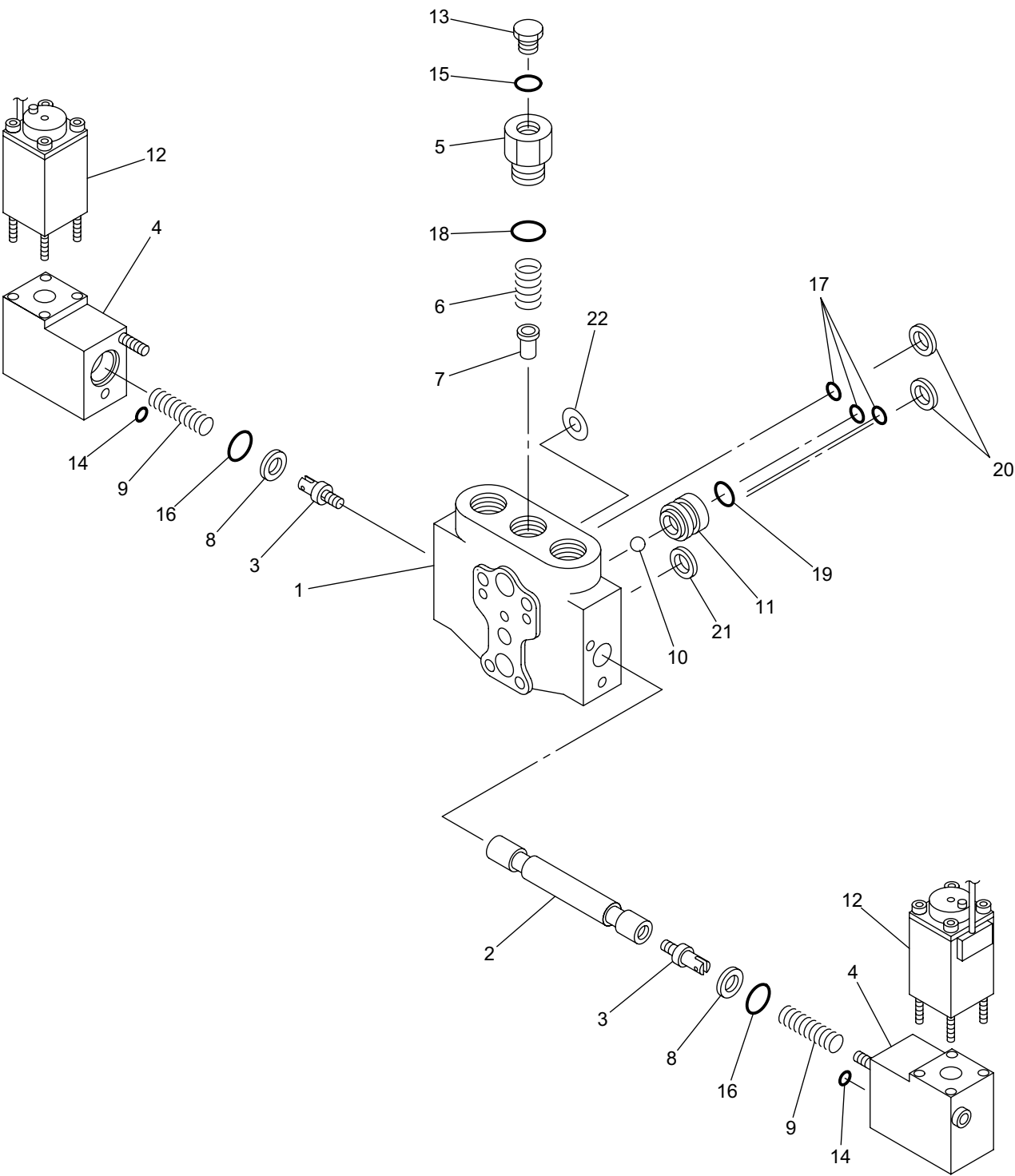
BODY ASSEMBLY



MU020065

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1		BODY	1			
2	1		SPOOL	1			
3	1		END, spool	2			
4	1		COVER	2			
5	1		PLATE	1			
6	1		PLUG	1			
7	1		SPRING	1			
8	1		PLUNGER	1			
9	1		RETAINER	2			
10	1		SPRING	1			
11	1		BALL, steel	1			
12	1		RETAINER	1			
13	1	G305020191	COIL, solenoid	2			
14	1		PLUG	1			
15	1	11010040	O-RING	6			
16	1	11010080	O-RING	1			
17	1	G305020192	O-RING	3			
18	1	11010050	O-RING	3			
19	1	11010210	O-RING	1			
20	1	G305020193	O-RING	1			
21	1	G305020171	RING	2			
22	1	G305020172	RING	1			
23	1	G305020173	SHIM	4			
24	1	G305020201	VALVE, relief	1			
25	2	G305020198	O-RING	1			
26	2	G305020192	O-RING	1			
27	2	G305020200	RING, back-up	1			

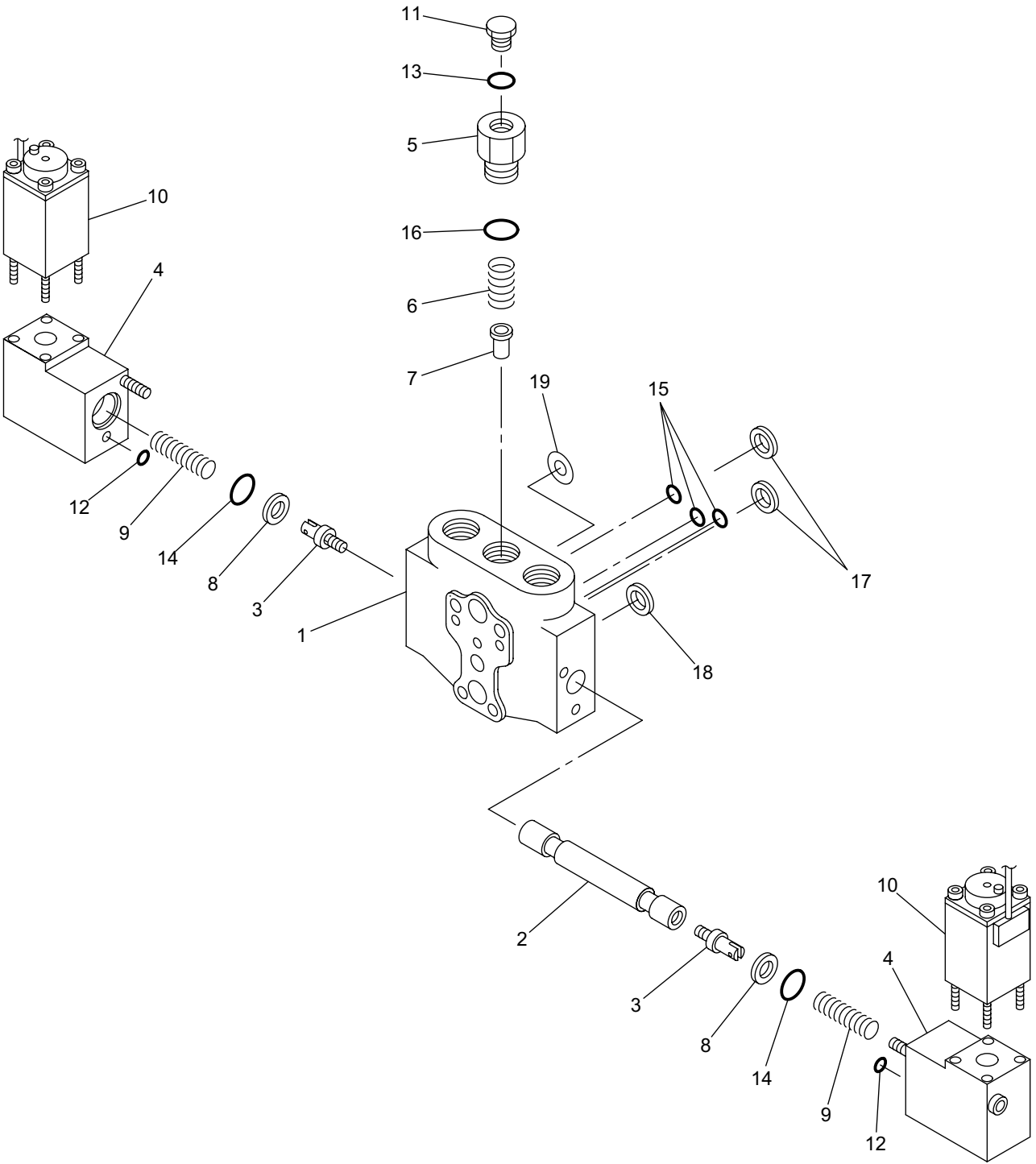
BODY ASSEMBLY



MU020066

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1		BODY	1			
2	1		SPOOL	1			
3	1		END,spool	2			
4	1		COVER	2			
5	1		PLUG	1			
6	1		SPRING	1			
7	1		PLUNGER	1			
8	1		RETAINER	2			
9	1		SPRING	2			
10	1		BALL,steel	1			
11	1		RETAINER	1			
12	1	G305020191	COIL,solenoid	2			
13	1		PLUG	1			
14	1	11010040	O-RING	4			
15	1	11010080	O-RING	1			
16	1	G305020192	O-RING	2			
17	1	11010050	O-RING	3			
18	1	11010210	O-RING	1			
19	1	G305020193	O-RING	1			
20	1	G305020171	RING	2			
21	1	G305020172	RING	1			
22	1	G305020173	SHIM	4			

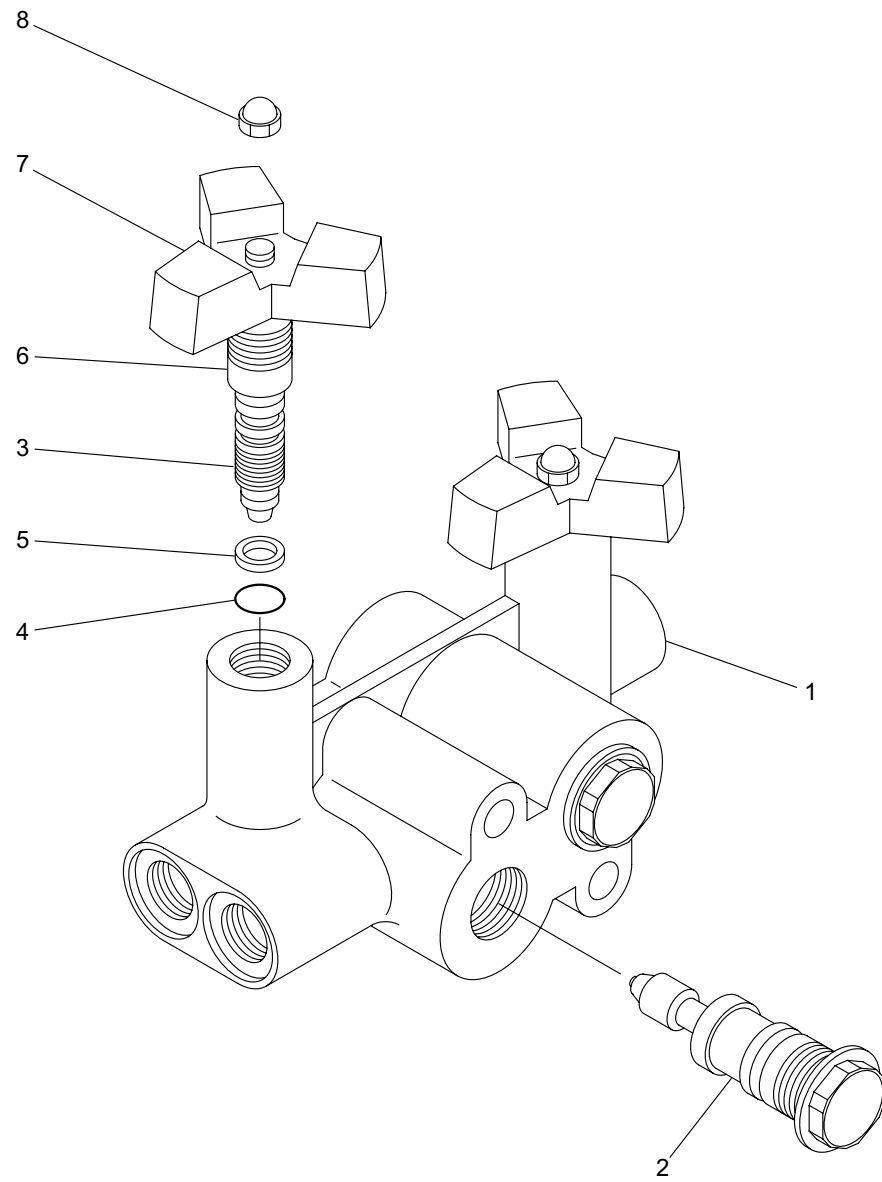
BODY ASSEMBLY



MU020067

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1		BODY	1			
2	1		SPOOL	1			
3	1		END, spool	2			
4	1		COVER	2			
5	1		PLUG	1			
6	1		SPRING	1			
7	1		PLUNGER	1			
8	1		RETAINER	2			
9	1		SPRING	2			
10	1	G305020191	COIL, solenoid	2			
11	1		PLUG	1			
12	1	11010040	O-RING	4			
13	1	11010080	O-RING	1			
14	1	G305020192	O-RING	2			
15	1	11010050	O-RING	3			
16	1	11010210	O-RING	1			
17	1	G305020171	RING	2			
18	1	G305020172	RING	1			
19	1	G305020173	SHIM	4			

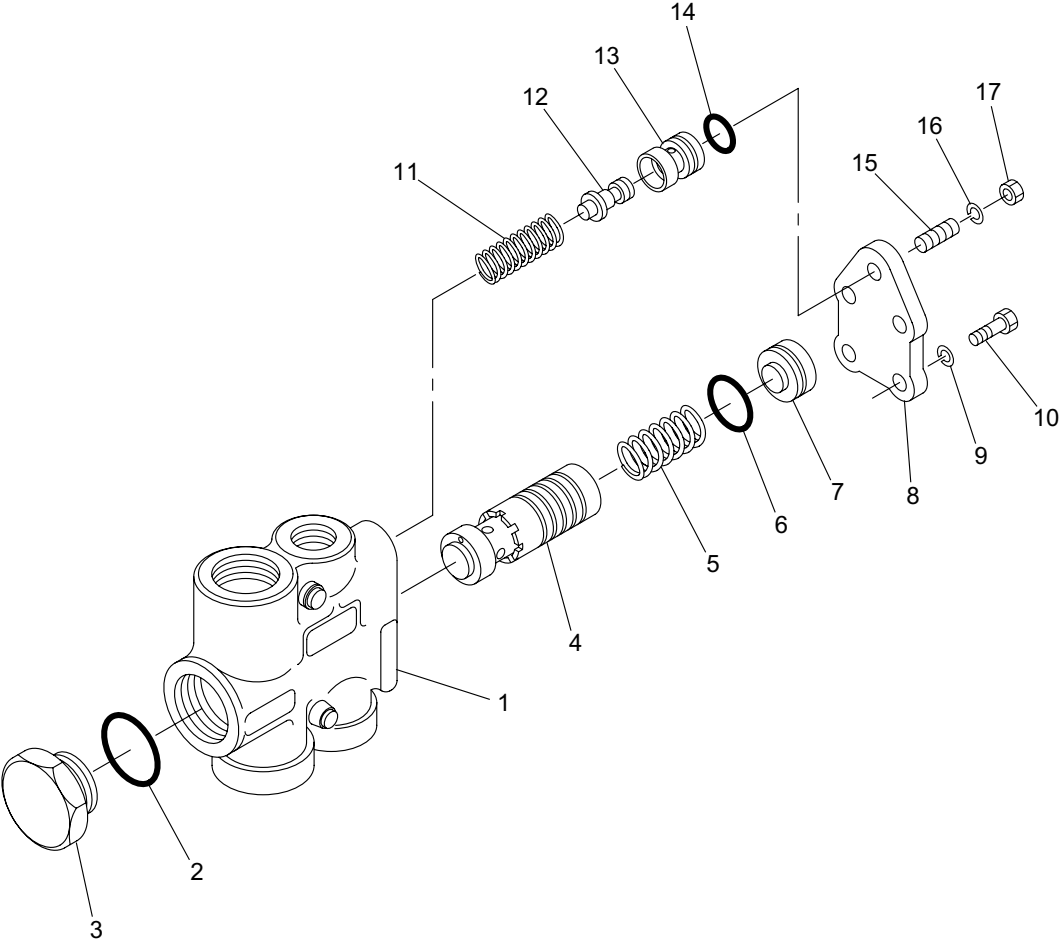
COMBINATION VALVE



30202952A

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1		HOUSING	1			
2	1	G308020059	RELIEF VALVE	2			
3	1	MD023914	SHAFT	2			
4	1	11010100	O-RING	2			
5	1	MD023605	RING, back-up	2			
6	1	MD023915	SCREW	2			
7	1	MD023916	HANDLE	2			
8	1	MD023257	NUT	2			

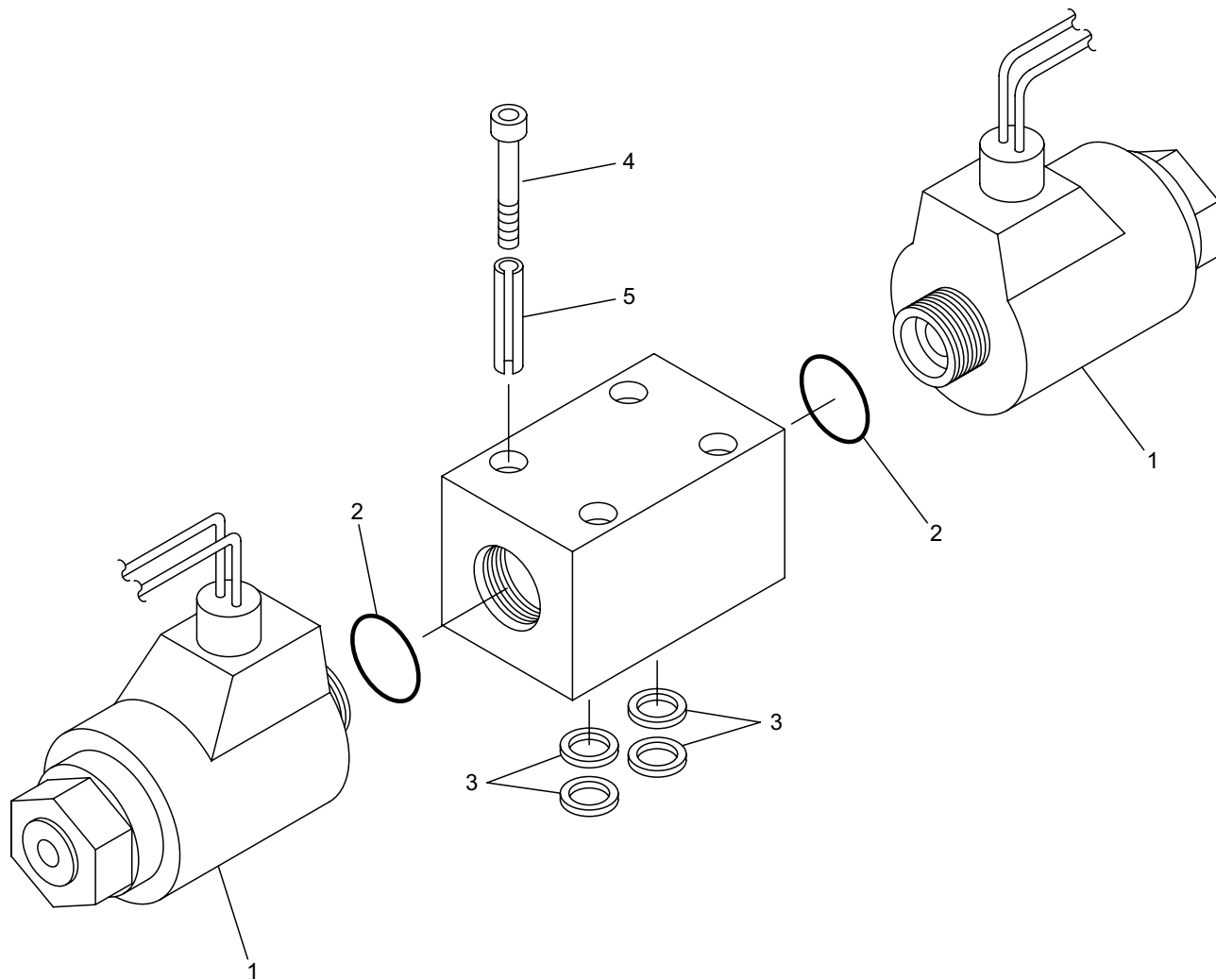
PRIORITY VALVE



30203142

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	11010240	HOUSING	1			
2	1		O-RING	1			
3	1		PLUG	1			
4	1		PLUNGER	1			
5	1		SPRING	1			
6	1	11010180	O-RING	1			
7	1		PLUG	1			
8	1		PLATE	1			
9	1		WASHER, spring	4			
10	1		BOLT	4			
11	1	11010120	SPRING	1			
12	1		POPPET	1			
13	1		HOUSING	1			
14	1		O-RING	1			
15	1		SCREW, set	1			
16	1		WASHER, spring	1			
17	1		NUT	1			

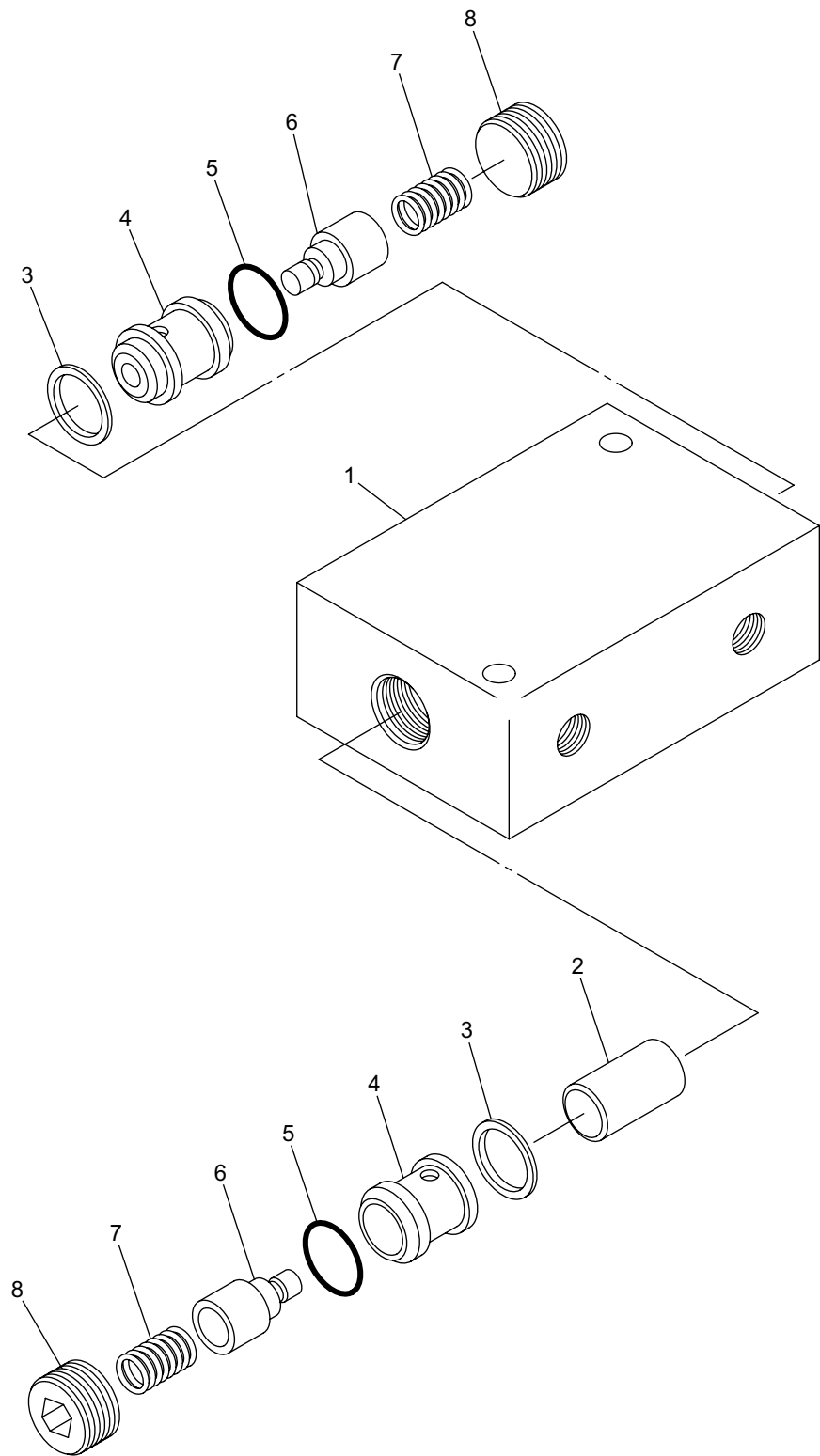
SOLENOID VALVE



30206303A

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	MU020520	SOLENOID	2			
2	1	MU020452	O-RING	2			
3	1	MU020451	RING	4			
4	1	01360550	SCREW, cap	4			
5	1		PIN, spring	4			

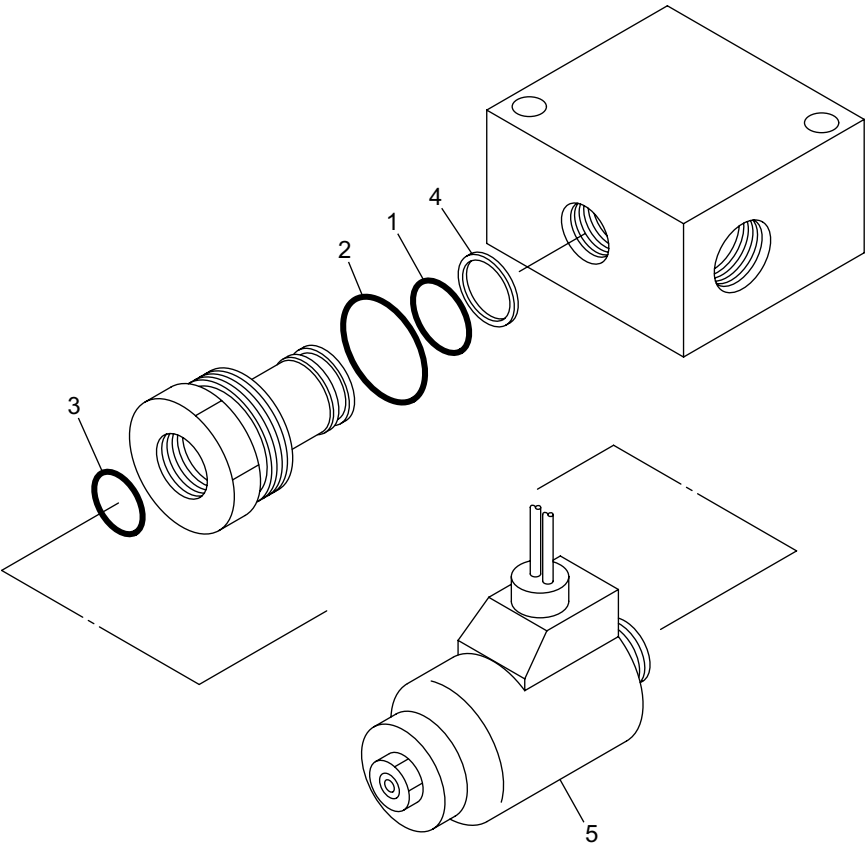
DOUBLE PILOT CHECK VALVE



30202909A

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1		HOUSING	1			
2	1		PISTON	1			
3	1	G308020064	GASKET	2			
4	1	G308020105	SEAT	2			
5	1	MD022038	O-RING	2			
6	1	MD024004	VALVE, check	2			
7	1	G308020099	SPRING	2			
8	1	G308020002	PLUG	2			

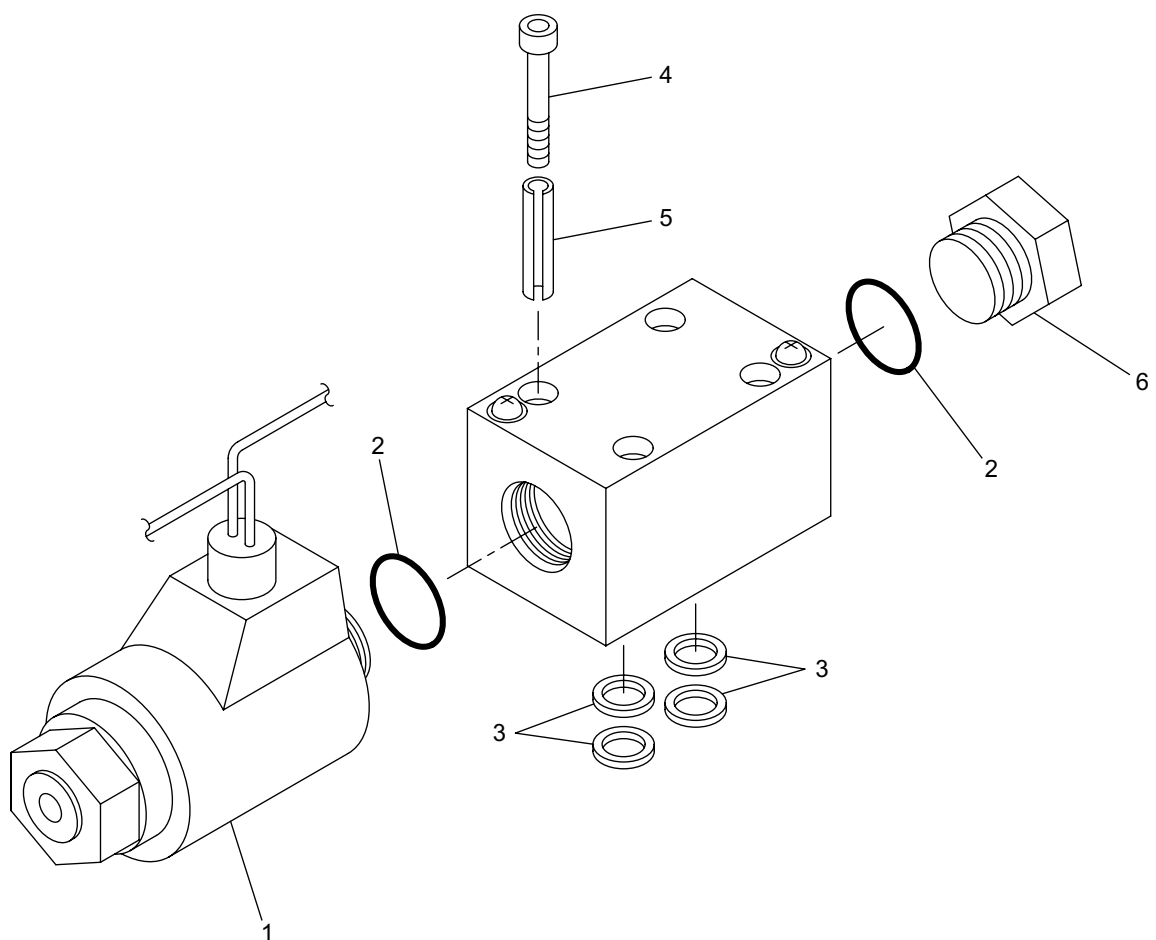
SHUTOFF VALVE



30205574C

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	11000200	O-RING	1			
2	1	11010290	O-RING	1			
3	1	MZ048017	O-RING	1			
4	1	11200200	RING, back-up	1			
5	1	MU020520	SOLENOID	1			

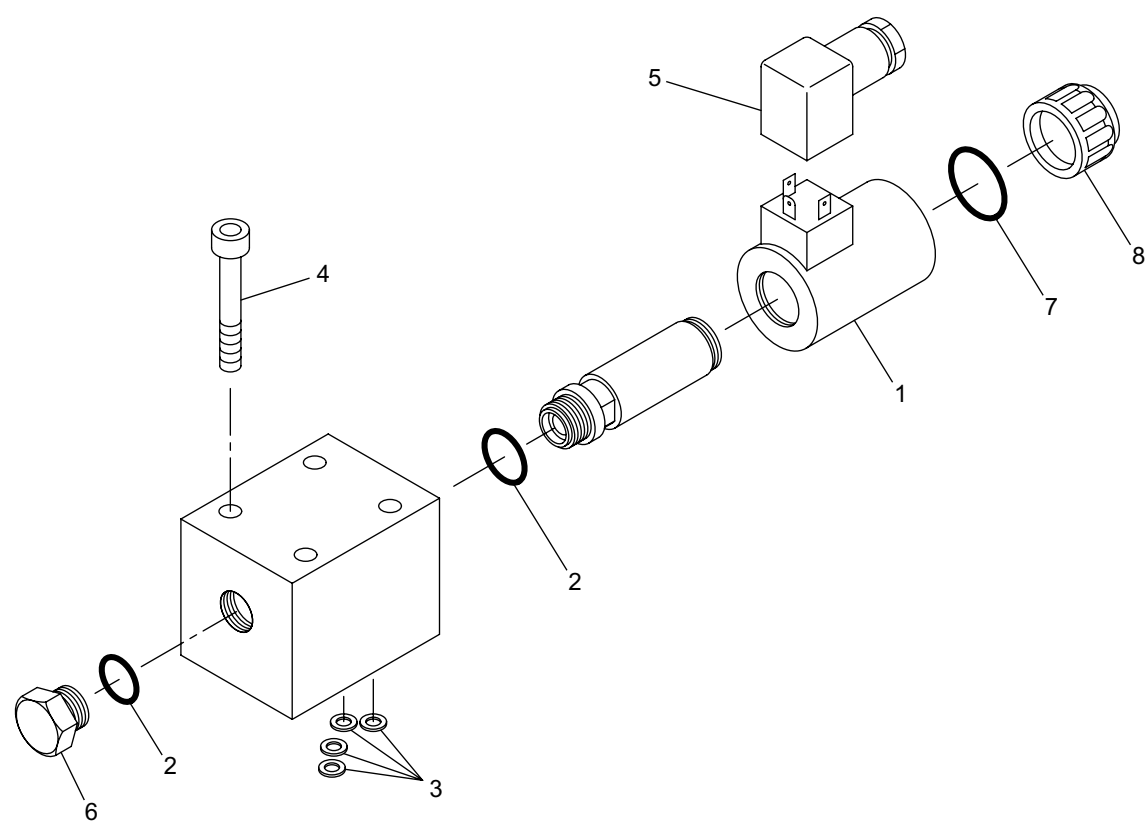
SOLENOID VALVE



30206215A

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	MU020520	SOLENOID	1			
2	1	MU020452	O-RING	2			
3	1	MU020451	RING	4			
4	1	01360550	SCREW, cap	4			
5	1		PIN, spring	4			
6	1		PLUG	1			

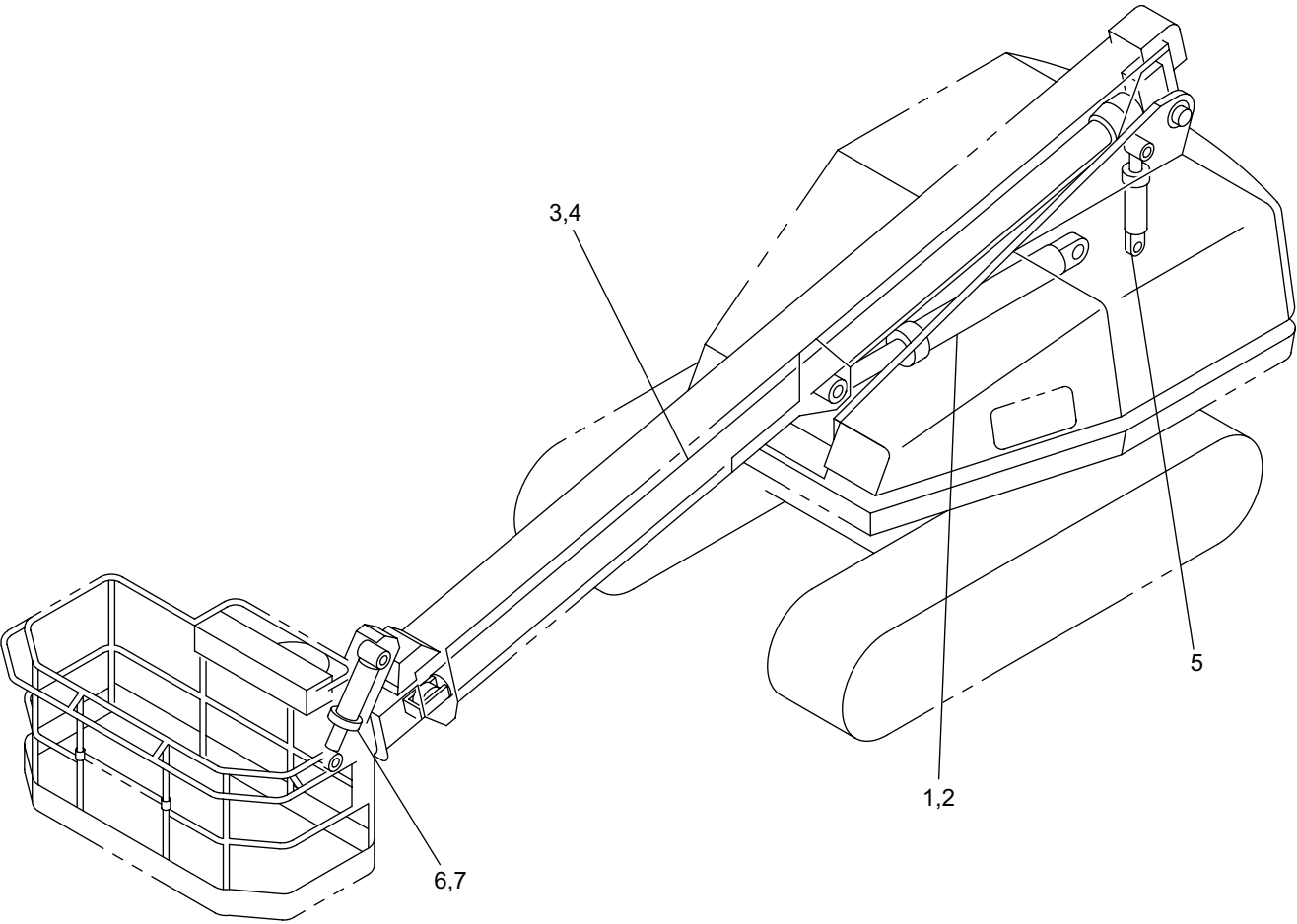
SOLENOID VALVE



30202745C

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	G305020377	SOLENOID	1			
2	1	G305020388	O-RING	2			
3	1	G305020376	RING	4			
4	1	01360640	SCREW, cap	4			
5	1	G305020375	CONNECTOR	1			
6	1		PLUG	1			
7	1	G305020373	O-RING	1			
8	1		NUT	1			

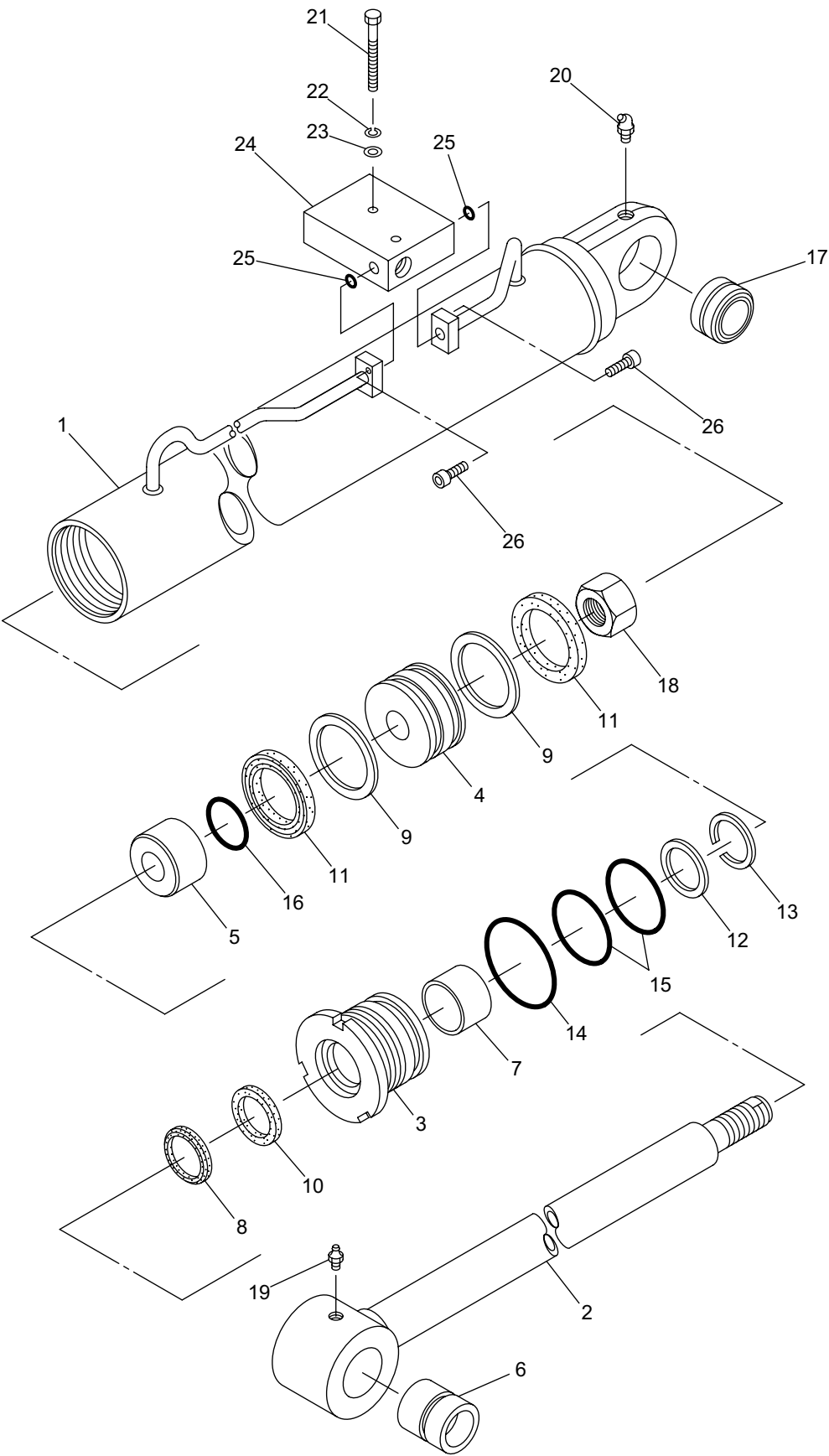
CYLINDER



7R402362

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	30303498E	ELEVATION CYLINDER	1			See Fig 30303498E
2	2	3020000001	HOLDING VALVE	1			See Fig 3020000001
3	1	30303582B	EXTENSION CYLINDER	1			See Fig 30303582B
4	2	30203231A	HOLDING VALVE	1			See Fig 30203231A
5	2	30306241	BALANCE CYLINDER	1			See Fig 30306241
6	1	30306242	BALANCE CYLINDER	1			See Fig 30306242
7	2	MZ022208	PILOT CHECK VALVE	1			See Fig MZ022208

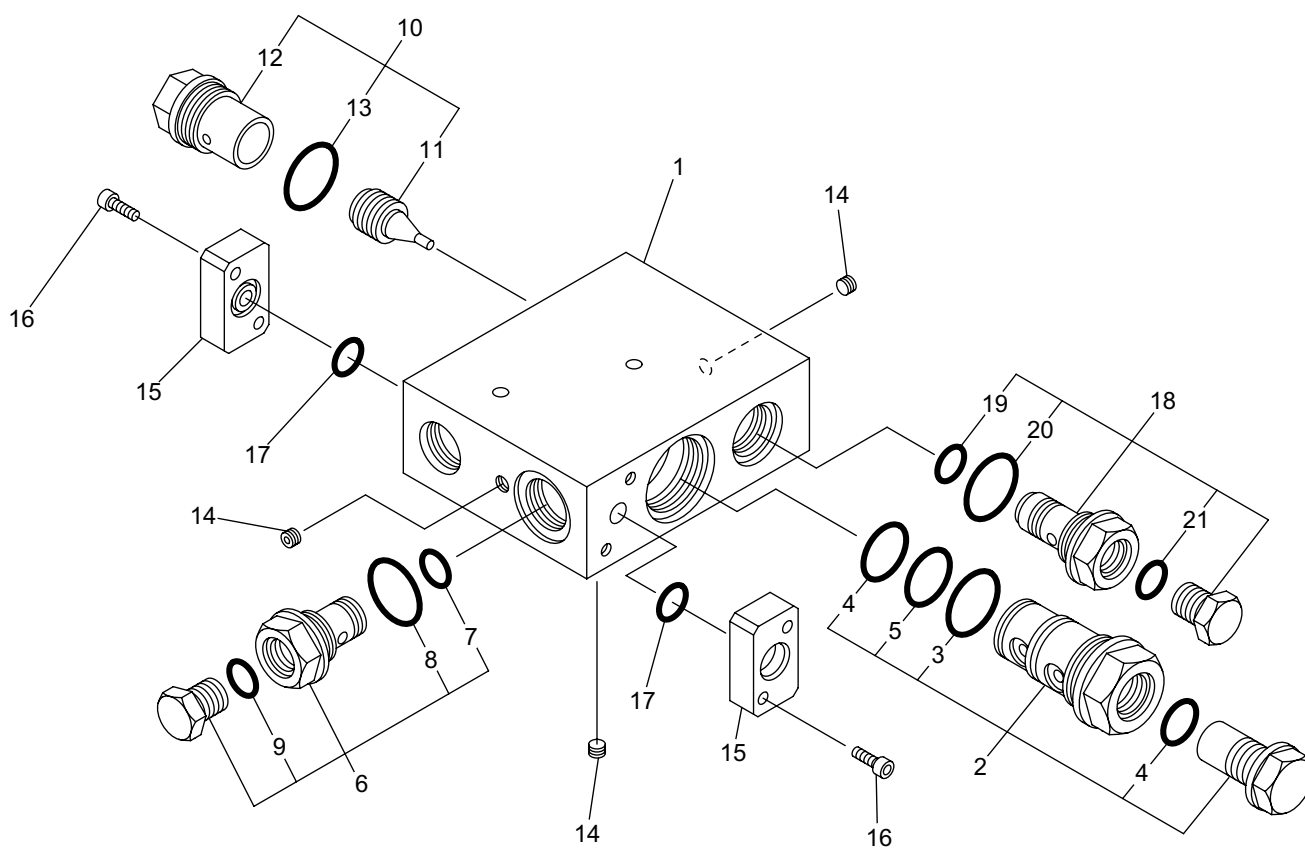
ELEVATION CYLINDER



30303498E

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1		TUBE, cylinder	1			
2	1	MZ030183	ROD, piston	1			
3	1	MZ030287	HEAD, cylinder	1			
4	1	MZ030414	PISTON	1			
5	1	MZ030927	COLLAR, cushion	1			
6	1	MZ030724	BUSHING	1			
7	1	MZ030725	BUSHING	1			
8	1		SEAL, dust	1			K G527030038
9	1		RING, back-up	2			K G527030038
10	1		PACKING	1			K G527030038
11	1		PACKING	2			K G527030038
12	1		RING, cushion	1			K G527030038
13	1	MZ030613	RING, snap	1			
14	1		O-RING	1			K G527030038
15	1		O-RING	2			K G527030038
16	1		O-RING	1			K G527030038
17	1	07000160	BEARING, spherical	1			
18	1	MZ030519	NUT	1			
19	1	12000001	FITTING, grease	1			
20	1	12000101	FITTING, grease	1			
21	1	01130865	BOLT	2			
22	1	03020008	WASHER, spring	2			
23	1	03000008	WASHER, flat	2			
24	1	3020000001	HOLDING VALVE	1			See Fig 3020000001
25	1		O-RING	2			K G527030038
26	1	01360830	SCREW, cap	4			
		G527030038	ELEVATION SEAL KIT				

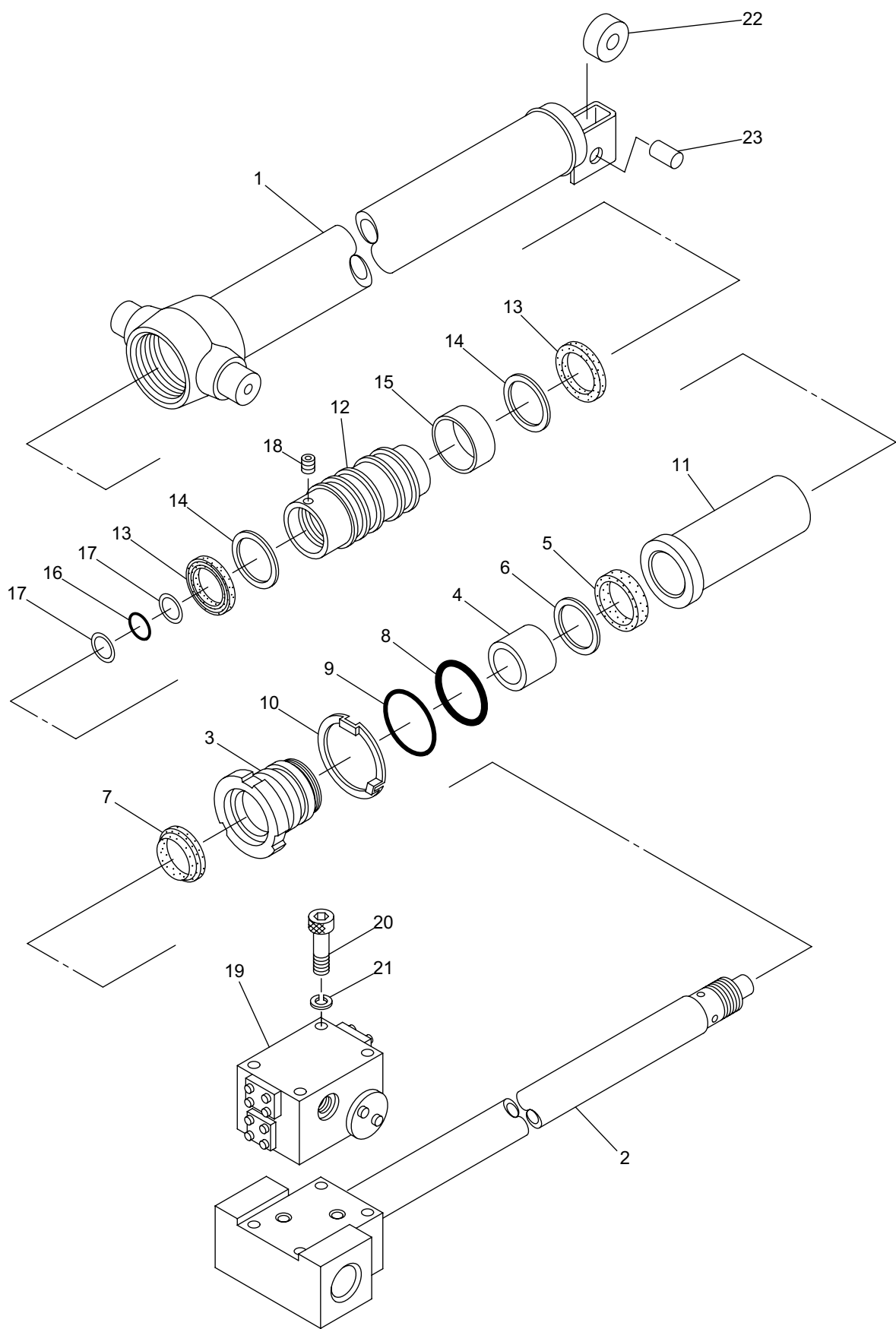
HOLDING VALVE



3020000001

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1		BODY	1			
2	1	G312020006	VALVE, holding	1			
3	2	11010320	O-RING	1			
4	2	11010240	O-RING	2			
5	2	11010260	O-RING	1			
6	1	G312020005	VALVE, check	1			
7	2	11010160	O-RING	1			
8	2	11010240	O-RING	1			
9	2	11010140	O-RING	1			
10	1	G312020008	PISTON ASSEMBLY	1			
11	2		PISTON	1			
12	2		CAP	1			
13	2	11010320	O-RING	1			
14	1		PLUG	3			
15	1	G312020010	FLANGE	2			
16	1	G312020011	SCREW, cap	4			
17	1	11010150	O-RING	2			
18	1	G312020007	VALVE, check	1			
19	2	11010160	O-RING	1			
20	2	11010240	O-RING	1			
21	2	11010140	O-RING	1			

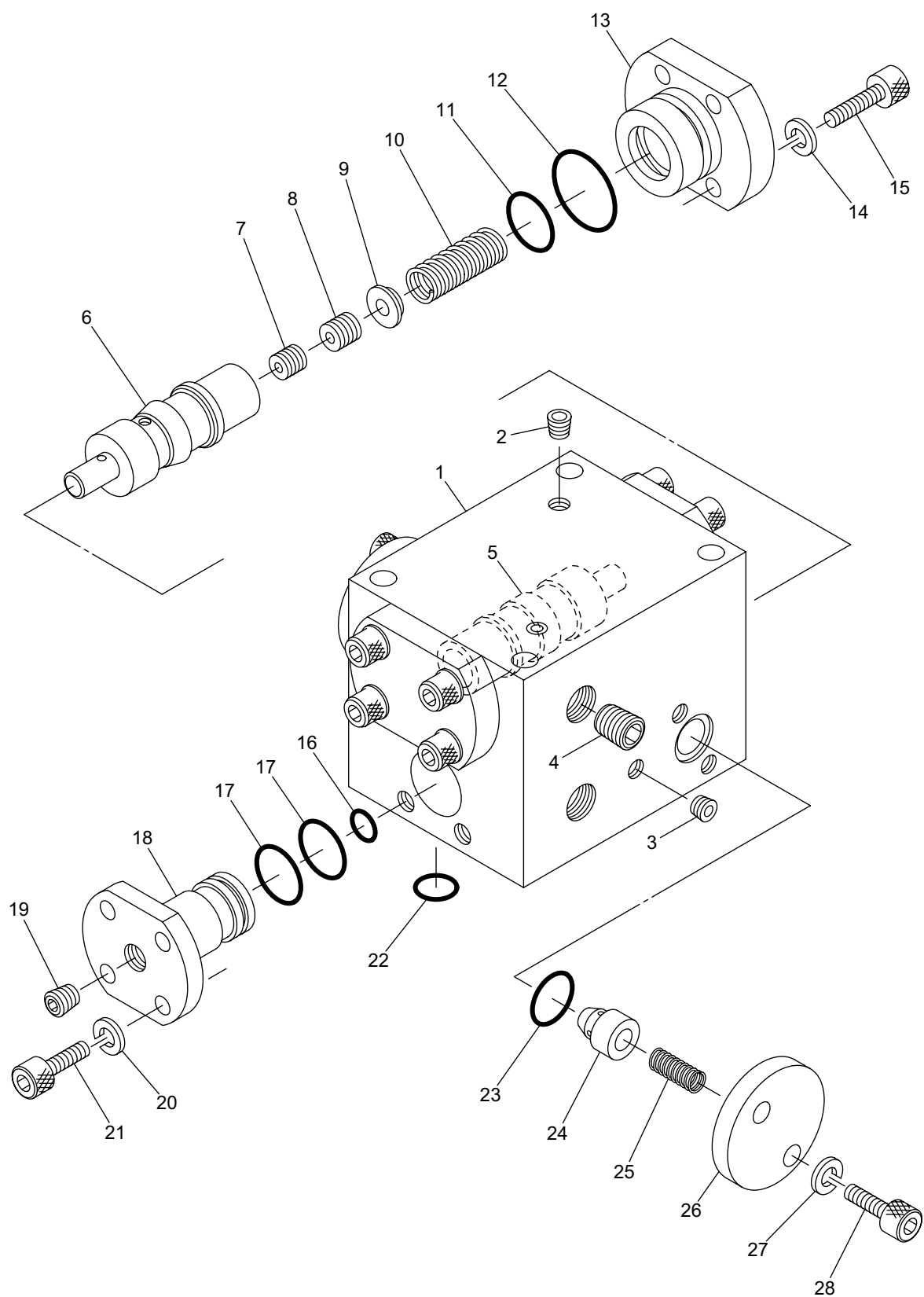
EXTENSION CYLINDER



30303582B

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1		TUBE, cylinder	1			
2	1	MK030050	ROD, piston	1			
3	1	MK031023	HEAD, cylinder	1			
4	1	MK035504	BUSHING	1			
5	1		U-RING	1			K G312030020
6	1		RING, back-up	1			K G312030020
7	1		RING, wiper	1			K G312030020
8	1		O-RING	1			K G312030020
9	1		O-RING	1			K G312030020
10	1	MK035908	WASHER, lock	1			
11	1	MK036675	SPACER	1			
12	1	MK032006	PISTON	1			
13	1		U-RING	2			K G312030020
14	1		RING, back-up	2			K G312030020
15	1	MK037110	RING, wear	1			
16	1		O-RING	1			K G312030020
17	1		RING, back-up	2			K G312030020
18	1	MK037202	SCREW, set	1			
19	1	30203231A	HOLDING VALVE	1			See Fig 30203231A
20	1		SCREW, cap	4			
21	1		WASHER, spring	4			
22	1	MK036810	ROLLER	1			
23	1	MK036840	PIN	1			
		G312030020	EXTENSION SEAL KIT				

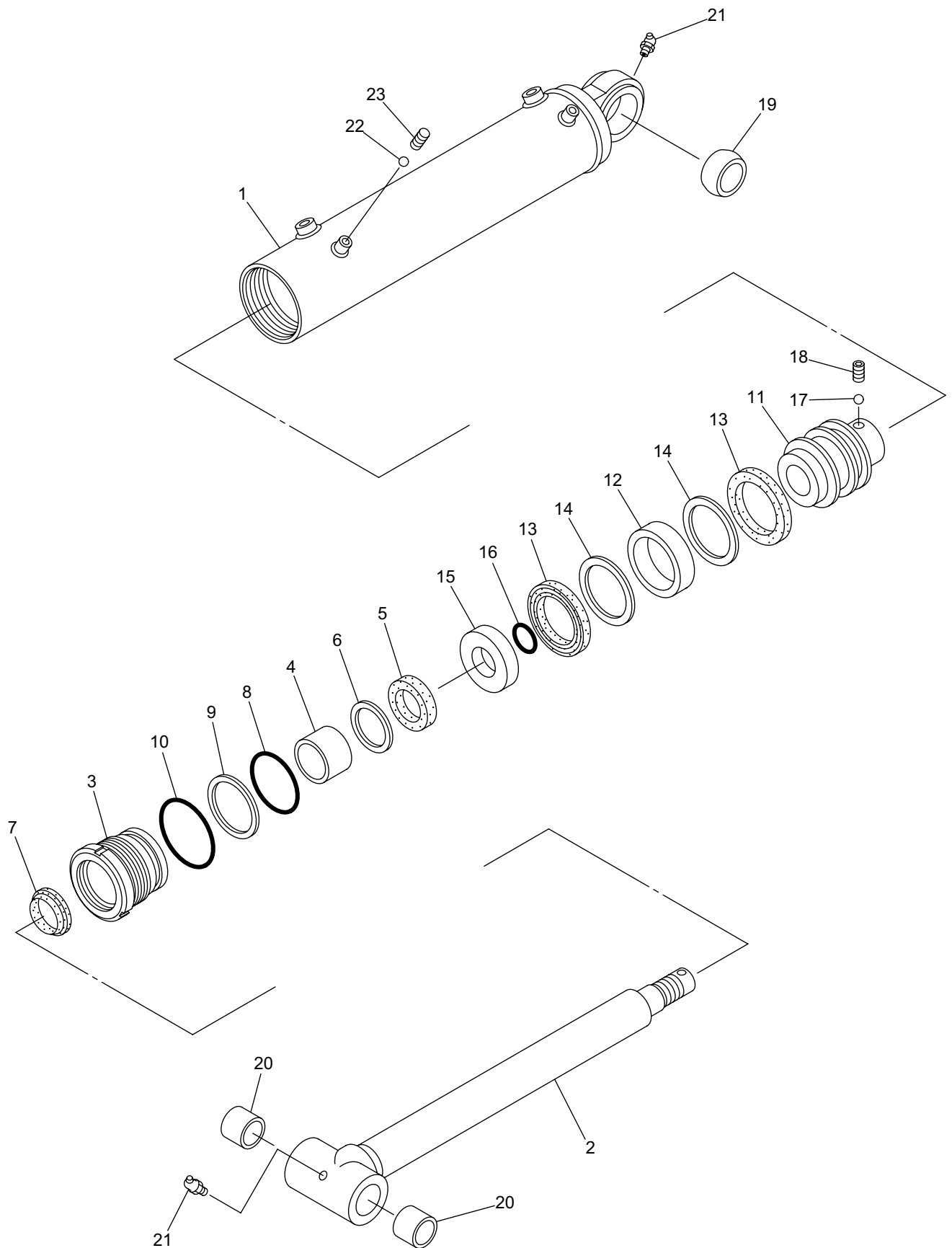
HOLDING VALVE



30203231A

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1		BODY	1			
2	1		PLUG	2			
3	1		PLUG	4			
4	1		PLUG	2			
5	1		SPOOL	1			
6	1		SPOOL	1			
7	1		ORIFICE	2			
8	1		ORIFICE	2			
9	1		GUIDE, spring	2			
10	1		SPRING	2			
11	1	11010250	O-RING	2			K MK047113A
12	1	11010300	O-RING	2			K MK047113A
13	1		PLUG	2			
14	1	03020008	WASHER, spring	8			
15	1	01360825	SCREW, cap	8			
16	1	11010100	O-RING	2			K MK047113A
17	1	MZ048211	O-RING	4			K MK047113A
18	1		PLUG	2			
19	1		PLUG	2			
20	1	03020008	WASHER, spring	8			
21	1	01360820	SCREW, cap	8			
22	1	11010140	O-RING	2			K MK047113A
23	1	11010180	O-RING	2			K MK047113A
24	1		VALVE, check	2			
25	1		SPRING	2			
26	1		PLUG	2			
27	1	03020008	WASHER, spring	4			
28	1	01360820	SCREW, cap	4			
		MK047202	VALVE SEAL KIT				

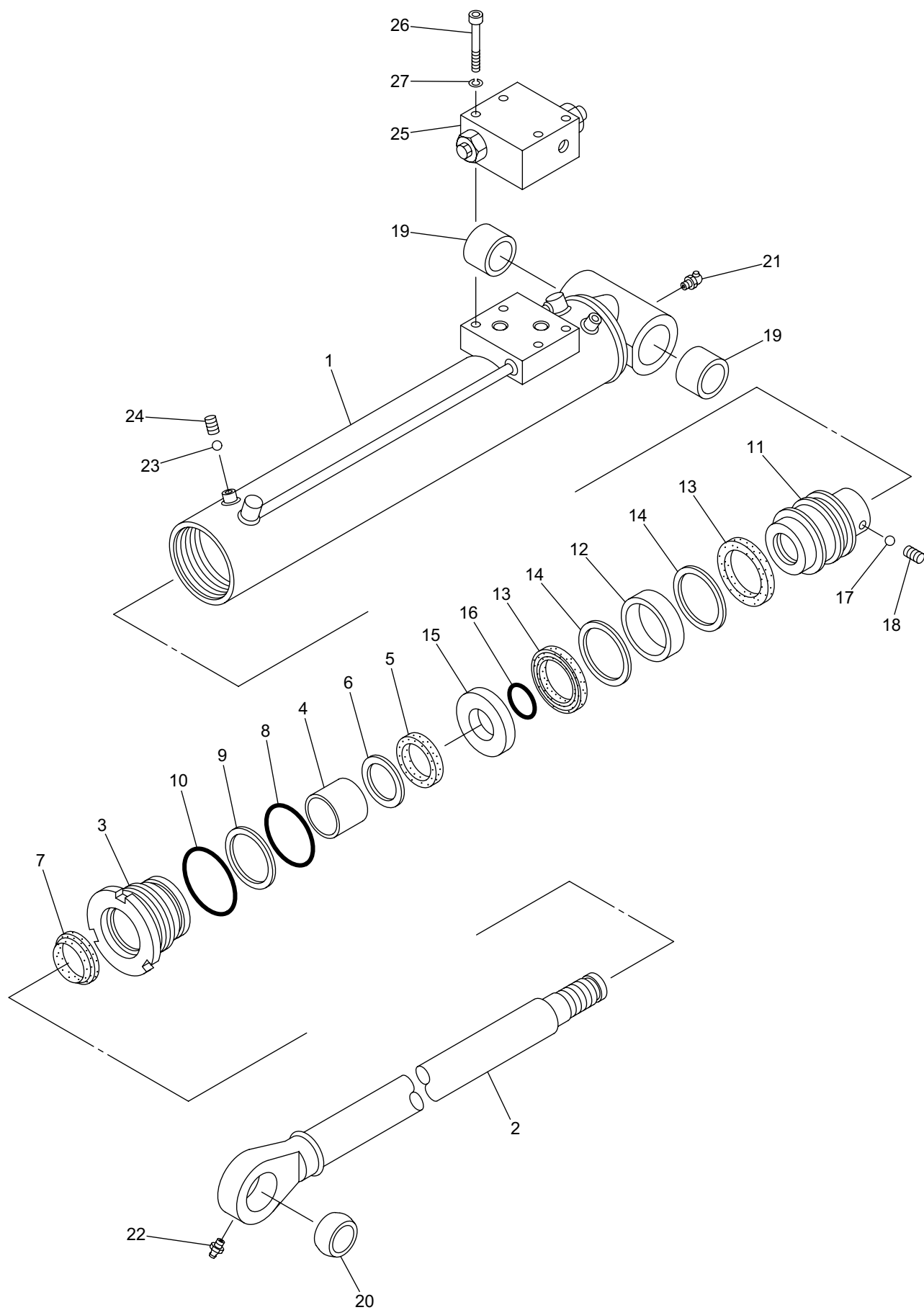
BALANCE CYLINDER (LOWER)



30306241

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1		TUBE, cylinder	1			
2	1	MZ031130	ROD, piston	1			
3	1	MZ030277	HEAD, cylinder	1			
4	1	MZ030783	BUSHING	1			
5	1		U-RING	1			K MZ046416
6	1		RING, back-up	1			K MZ046416
7	1		RING, wiper	1			K MZ046416
8	1		O-RING	1			K MZ046416
9	1		RING, back-up	1			K MZ046416
10	1		O-RING	1			K MZ046416
11	1	MZ030484	PISTON	1			
12	1		RING, wear	1			K MZ046416
13	1		U-RING	2			K MZ046416
14	1		RING, back-up	2			K MZ046416
15	1	MZ031509	HOLDER, u-ring	1			
16	1		O-RING	1			K MZ046416
17	1	MZ031409	BALL, steel	1			
18	1	MZ031411	SCREW, set	1			
19	1	MZ031011	BEARING, spherical	1			
20	1	MZ030784	BUSHING, pin	2			
21	1		FITTING, grease	2			
22	1	MZ031412	BALL, steel	2			
23	1	MZ031411	SCREW, set	2			
		MZ046416	LEVELING SEAL KIT				

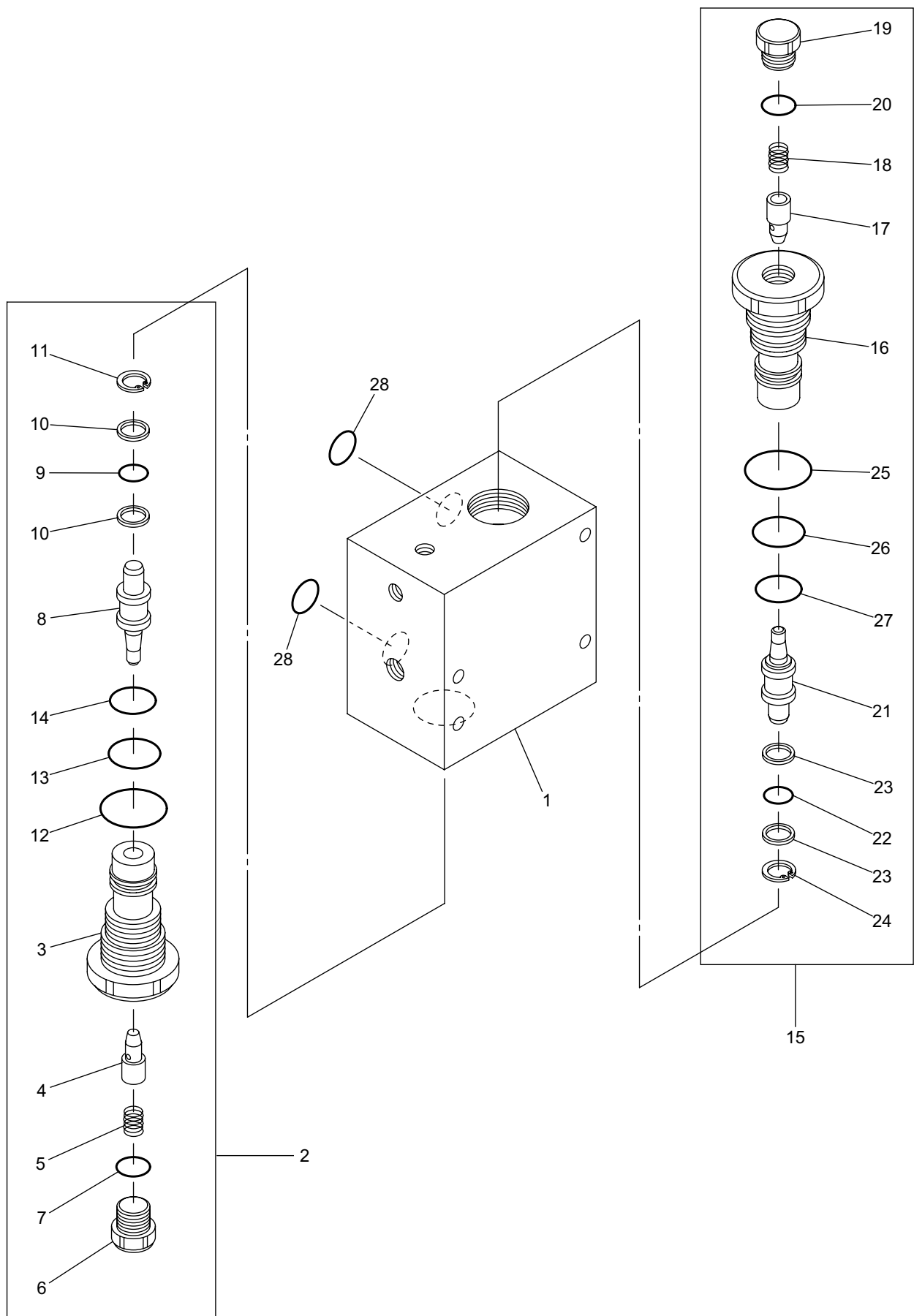
BALANCE CYLINDER (UPPER)



30306242

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1		TUBE, cylinder	1			
2	1	MZ031131	ROD, piston	1			
3	1	MZ030277	HEAD, cylinder	1			
4	1	MZ030783	BUSHING	1			
5	1		U-RING	1			K MZ046416
6	1		RING, back-up	1			K MZ046416
7	1		RING, wiper	1			K MZ046416
8	1		O-RING	1			K MZ046416
9	1		RING, back-up	1			K MZ046416
10	1		O-RING	1			K MZ046416
11	1	MZ030484	PISTON	1			
12	1		RING, wear	1			K MZ046416
13	1		U-RING	2			K MZ046416
14	1		RING, back-up	2			K MZ046416
15	1	MZ031509	HOLDER, u-ring	1			
16	1		O-RING	1			K MZ046416
17	1	MZ031409	BALL, steel	1			
18	1	MZ031411	SCREW, set	1			
19	1	MZ030784	BUSHING, pin	2			
20	1	MZ031011	BEARING, spherical	1			
21	1		FITTING, grease	1			
22	1		FITTING, grease	1			
23	1	MZ031412	BALL, steel	2			
24	1	MZ031411	SCREW, set	2			
25	1	MZ022208	PILOT CHECK VALVE	1			See Fig MZ022208
26	1		SCREW, cap	4			
27	1		WASHER, spring	4			
		MZ046416	LEVELING SEAL KIT				

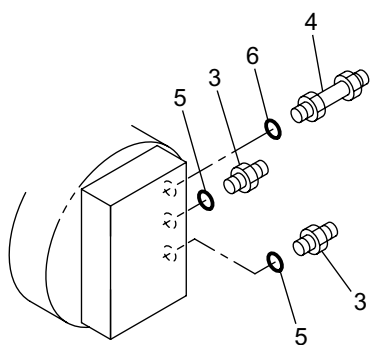
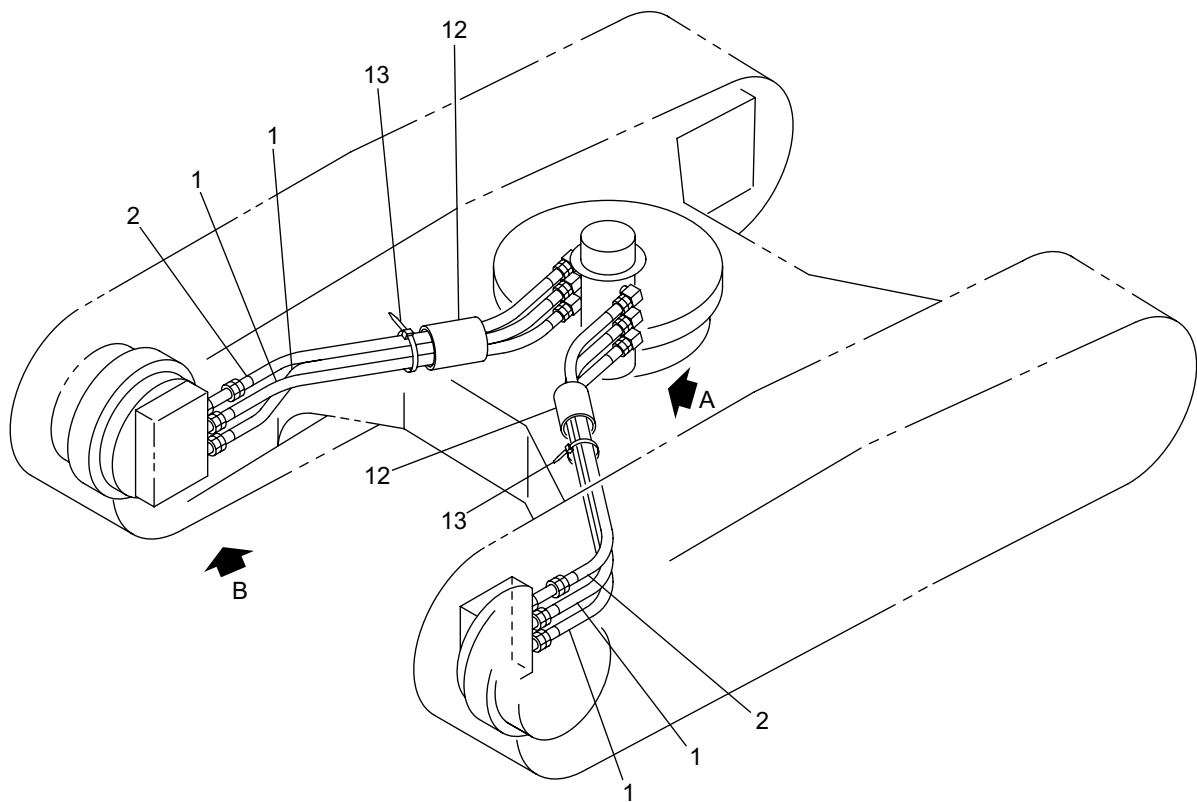
PILOT CHECK VALVE



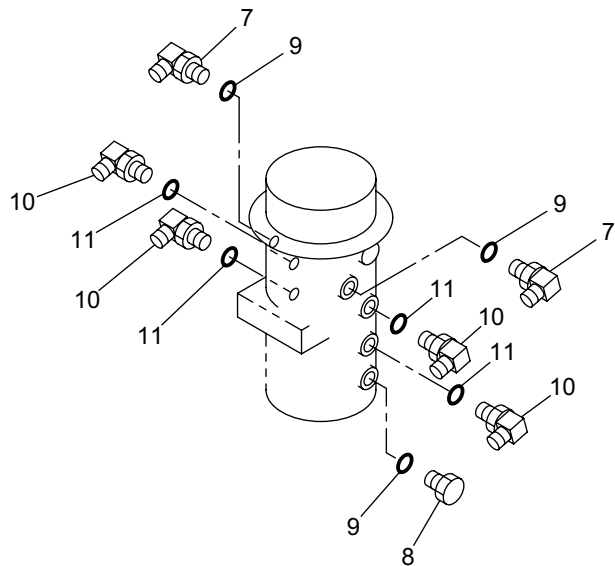
MZ022208

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1		BODY	1			ø1.2 ORIFICE
2	1	MZ022098	PILOT CHECK VALVE	1			
3	2		BODY	1			
4	2		VALVE, check	1			
5	2		SPRING	1			
6	2		PLUG	1			
7	2	11000110	O-RING	1			
8	2		PISTON	1			
9	2	11000120	O-RING	1			
10	2	11200120	RING, back-up	2			
11	2		RING, retaining	1			
12	2	11010280	O-RING	1			
13	2	11010220	O-RING	1			
14	2	11010200	O-RING	1			
15	1	MZ022099	PILOT CHECK VALVE	1			
16	2		BODY	1			
17	2		VALVE, check	1			
18	2		SPRING	1			
19	2		PLUG	1			
20	2	11000110	O-RING	1			
21	2		PISTON	1			
22	2	11000120	O-RING	1			
23	2	11200120	RING, back-up	2			
24	2		RING, retaining	1			
25	2	11010280	O-RING	1			
26	2	11010220	O-RING	1			
27	2	11010200	O-RING	1			
28	1	11010140	O-RING	2			

FRAME TUBING



B DETAIL

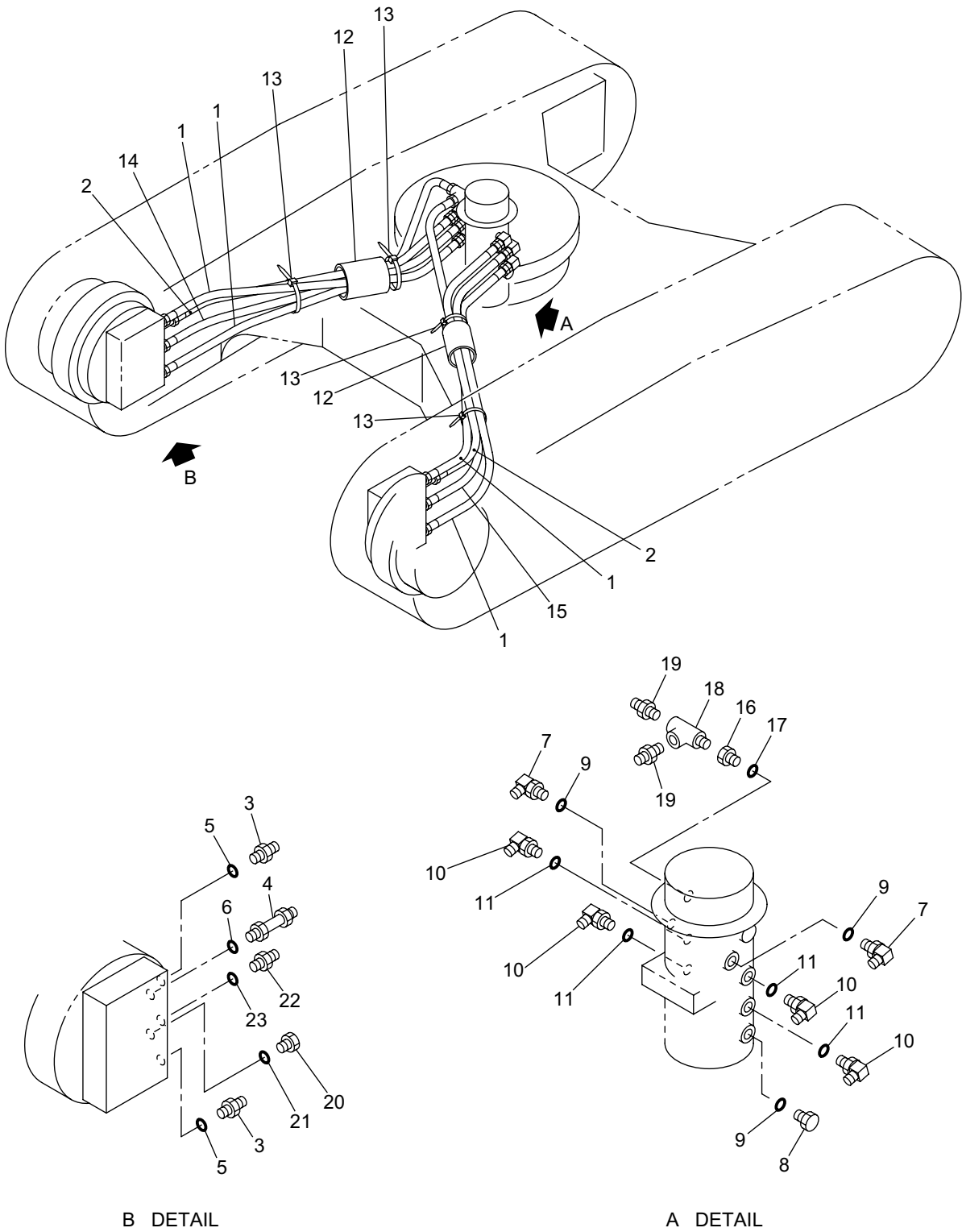


A DETAIL

7S602735

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	10603160	HOSE	4			
2	1	10502160	HOSE	2			
3	1	40703509	ADAPTER	4			
4	1	40703510A	ADAPTER	2			
5	1	11010221	O-RING	4			
6	1	11010180	O-RING	2			
7	1	12272103	REDUCER	2			
8	1	12101003	PLUG	3			
9	1	11010140	O-RING	5			
10	1	12270106	ELBOW	4			
11	1	11010240	O-RING	4			
12	1	R21S6001	HOSE, vinyl	2			
13	1	18300102	BAND, nylon	4			

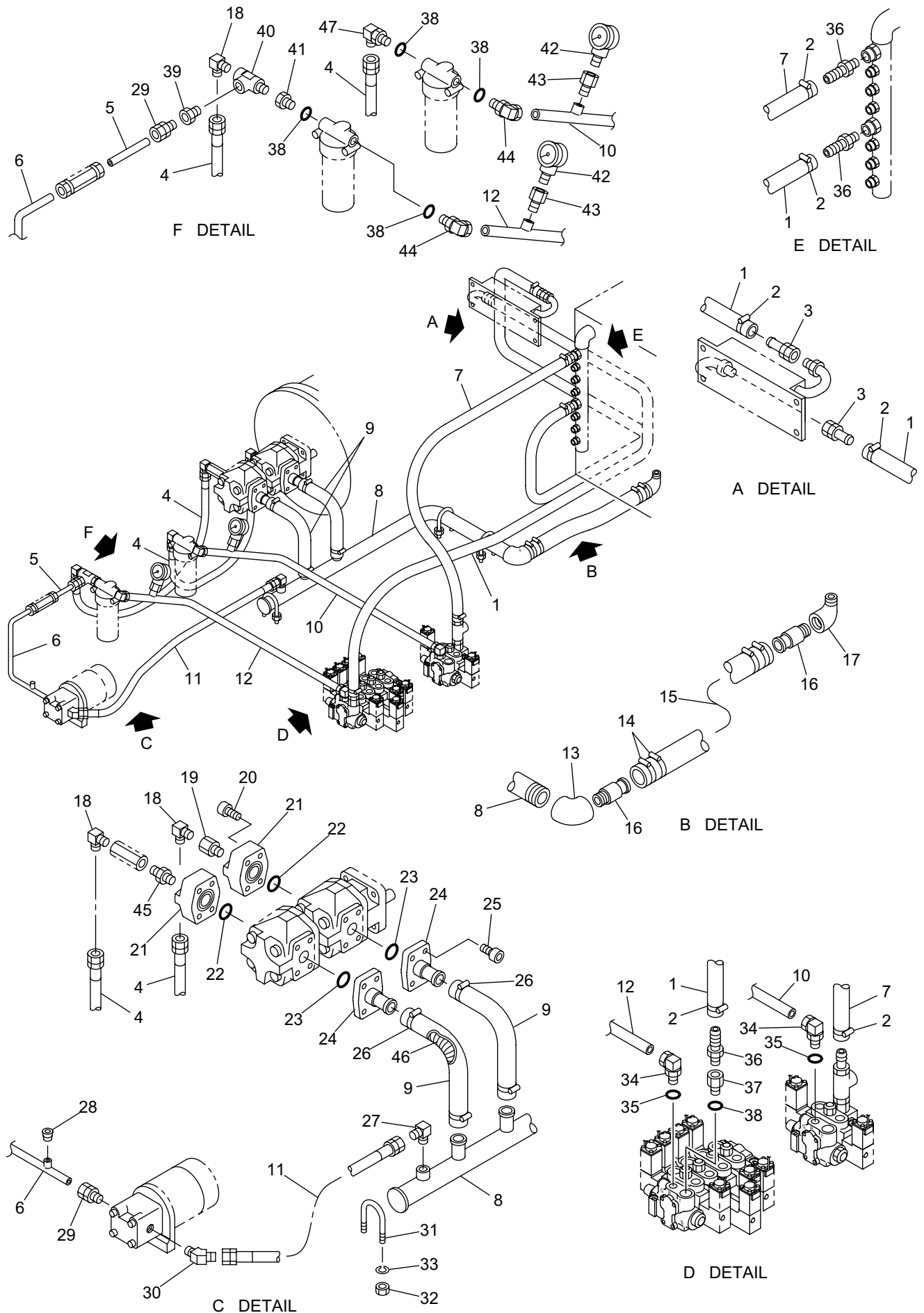
FRAME TUBING



7S604422

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	10603160	HOSE	4			
2	1	10502160	HOSE	2			
3	1	40703509	ADAPTER	4			
4	1	40703510A	ADAPTER	2			
5	1	11010221	O-RING	4			
6	1	11010180	O-RING	2			
7	1	12272103	REDUCER	2			
8	1	12101003	PLUG	3			
9	1	11010140	O-RING	5			
10	1	12270106	ELBOW	4			
11	1	11010240	O-RING	4			
12	1	R21S6001	HOSE, vinyl	2			
13	1	18300102	BAND, nylon	4			
14	1	10600170	HOSE	1			
15	1	10600185	HOSE	1			
16	1	12350003	BUSHING	1			
17	1	11010140	O-RING	1			
18	1	S3078902	TEE	1			
19	1	12221002	ADAPTER	2			
20	1	4070000216	PLUG	2			
21	1	11010180	O-RING	2			
22	1	4070000215A	ADAPTER	2			
23	1	11010110	O-RING	2			

TURN TABLE TUBING



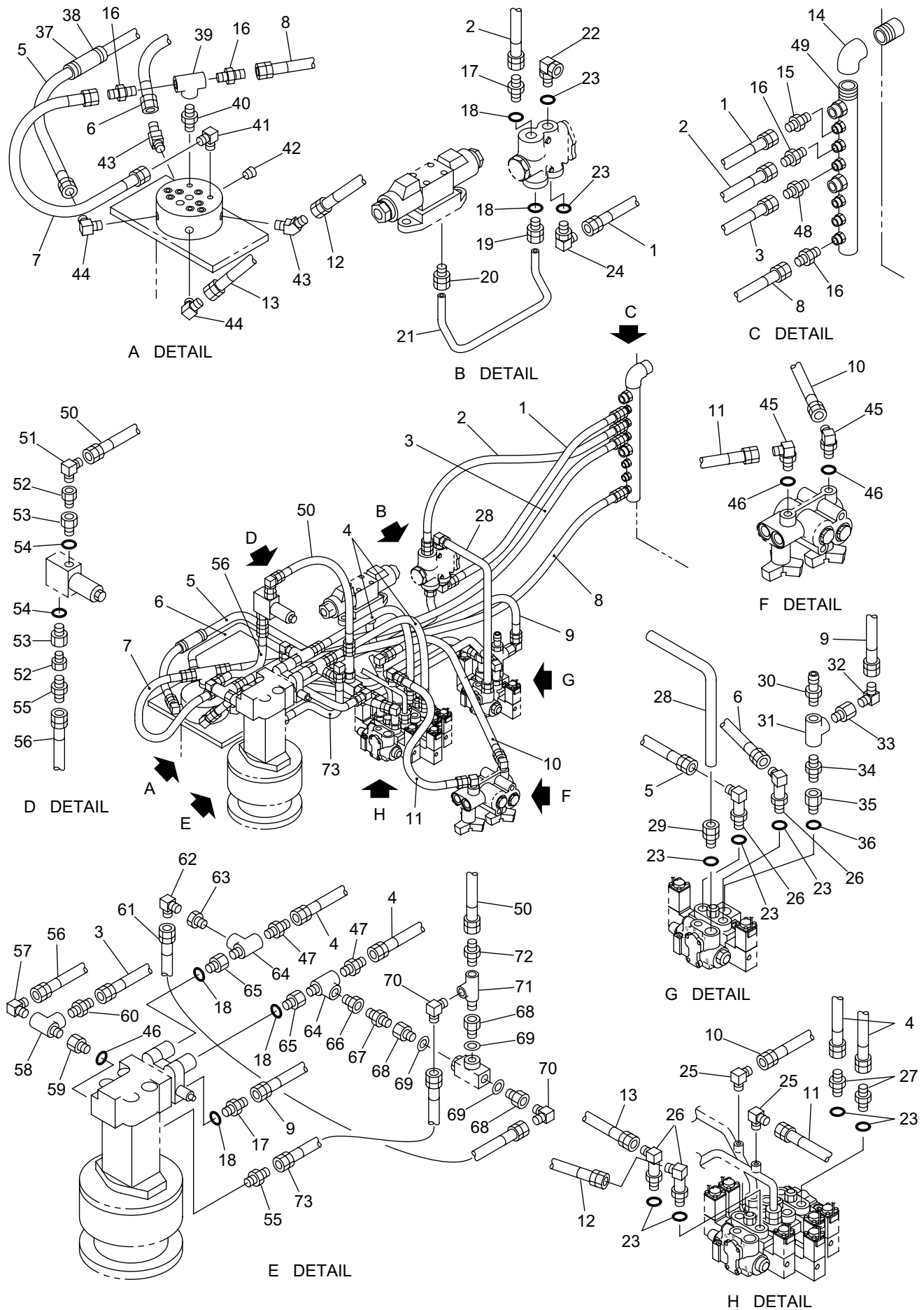
7S704402-1/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	15319310	HOSE	2			
2	1	15001632	BAND, hose	6			
3	1	R21S7005	UNION, hose	2			
4	1	15603056	HOSE	2			
5	1	R21S7012	TUBE	1			
6	1	R21S7013	TUBE	1			
7	1	15319155	HOSE	1			
8	1	R18S7241	TUBE	1			
9	1	15332041	HOSE	2			
10	1	R18S7230	TUBE	1			
11	1	S3094433	HOSE	1			
12	1	R18S7231	TUBE	1			
13	1	S3075004	ELBOW	1			
14	1	15002670	BAND, hose	4			
15	1	15350053	HOSE	1			
16	1	R12S7219	UNION, hose	2			
17	1	S3075203	ELBOW	1			
18	1	12221006	ADAPTER	3			
19	1	12320806	BUSHING	1			
20	1	01361035	SCREW, cap	8			
21	1	30702012	FLANGE	2			
22	1	11110350	O-RING	2			
23	1	11110450	O-RING	2			
24	1	R21S7015B	FLANGE	2			
25	1	01361030	SCREW, cap	8			
26	1	15003757	BAND, hose	4			
27	1	12221003	ADAPTER	1			
28	1	12100102	PLUG	1			
29	1	13101203	CONNECTOR	2			
30	1	12211003	ADAPTER	1			
31	1	S3407002	U-BOLT	3			
32	1	02014210	NUT	6			
33	1	03020010	WASHER, spring	6			
34	1	S3086103	ELBOW	2			
35	1	11010180	O-RING	2			

7S704402-1/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
36	1	15011006	NIPPLE	3			
37	1	S3077606	BUSHING	1			
38	1	11010240	O-RING	5			
39	1	12320603	BUSHING	1			
40	1	S3078905	TEE	1			
41	1	S3077606	NIPPLE	1			
42	1	3120000012A	GAUGE, pressure	2			
43	1	3070000020	ADAPTER	2			
44	1	S3086104	ELBOW	2			
45	1	30706057	NIPPLE	1			
46	1	R21S7009	SPRING	2			
47	1	12270106	ELBOW	1			

TURN TABLE TUBING



7S704402-2/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R21S7039	HOSE	1			
2	1	R21S7041	HOSE	1			
3	1	R21S7044	HOSE	1			
4	1	S3094435	HOSE	2			
5	1	S3094535	HOSE	1			
6	1	S3094522	HOSE	1			
7	1	R21S7043	HOSE	1			
8	1	R21S7040	HOSE	1			
9	1	R21S7042	HOSE	1			
10	1	10600050	HOSE	1			
11	1	S3102120	HOSE	1			
12	1	S3094519	HOSE	1			
13	1	S3094519	HOSE	1			
14	1	S3075004	ELBOW	1			
15	1	12201004	ADAPTER	1			
16	1	12201003	ADAPTER	4			
17	1	12250103	CONNECTOR	2			
18	1	11010140	O-RING	5			
19	1	13201203	CONNECTOR	1			
20	1	13101202	CONNECTOR	1			
21	1	R12S7218	TUBE	1			
22	1	S3086103	ELBOW	1			
23	1	11010180	O-RING	9			
24	1	12270104	ELBOW	1			
25	1	12221002	ADAPTER	2			
26	1	12273004	ELBOW, long	4			
27	1	12251104	REDUCER	2			
28	1	R18S7232	TUBE	1			
29	1	14202104	CONNECTOR	1			
30	1	15011006	NIPPLE	1			
31	1	12700006	TEE	1			
32	1	10020304	ADAPTER	1			
33	1	12320604	BUSHING	1			
34	1	12310006	NIPPLE	1			
35	1	S3077606	BUSHING	1			

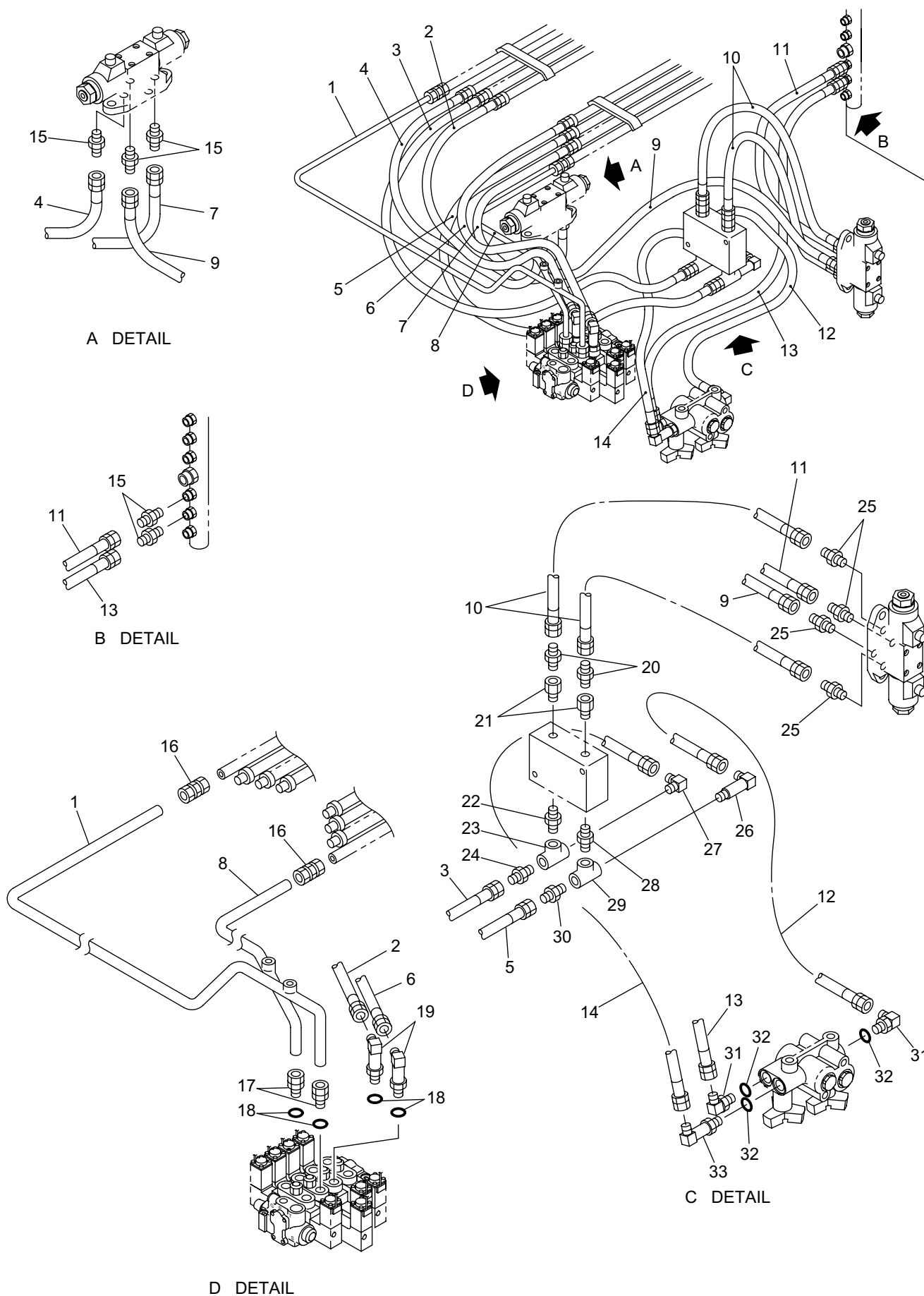
7S704402-2/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
36	1	11010240	O-RING	1			
37	1	R21S7006	VINYL	1			
38	1	18300044	BAND, nylon	2			
39	1	12700003	TEE	1			
40	1	12310003	NIPPLE	1			
41	1	12221003	ADAPTER	1			
42	1	12100103	PLUG	3			
43	1	S3077106	ADAPTER	2			
44	1	S3076810	ADAPTER	2			
45	1	12270102	ELBOW	2			
46	1	11010110	O-RING	3			
47	1	12201003	ADAPTER	2			
48	1	12201002	ADAPTER	1			
49	1	R12S7523	TUBE	1			
50	1	10780050	HOSE	1			
51	1	10020201	ELBOW	1			
52	1	12320302	BUSHING	2			
53	1	12350004	BUSHING	2			
54	1	11010180	O-RING	2			
55	1	10000102	ADAPTER	2			
56	1	10780050	HOSE	1			
57	1	10020102	ELBOW	1			
58	1	Z15S8212	TEE	1			
59	1	Z15S8216	BUSHING	1			
60	1	12200102	ADAPTER	1			
61	1	10780030	HOSE	1			
62	1	12220102	ELBOW	1			
63	1	12320301	BUSHING	1			
64	1	R18S7265	TEE	2			
65	1	R18S7269	BUSHING	2			
66	1	12320301	BUSHING	1			
67	1	12310001	ADAPTER	1			
68	1	R18S7266	BUSHING	3			
69	2	3040000002	SEAL, oil	1			
70	1	12221001	ELBOW	2			

7S704402-2/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
71	1	R18S7267	TEE	1			
72	1	12201001	ADAPTER	1			
73	1	10780030	HOSE	1			

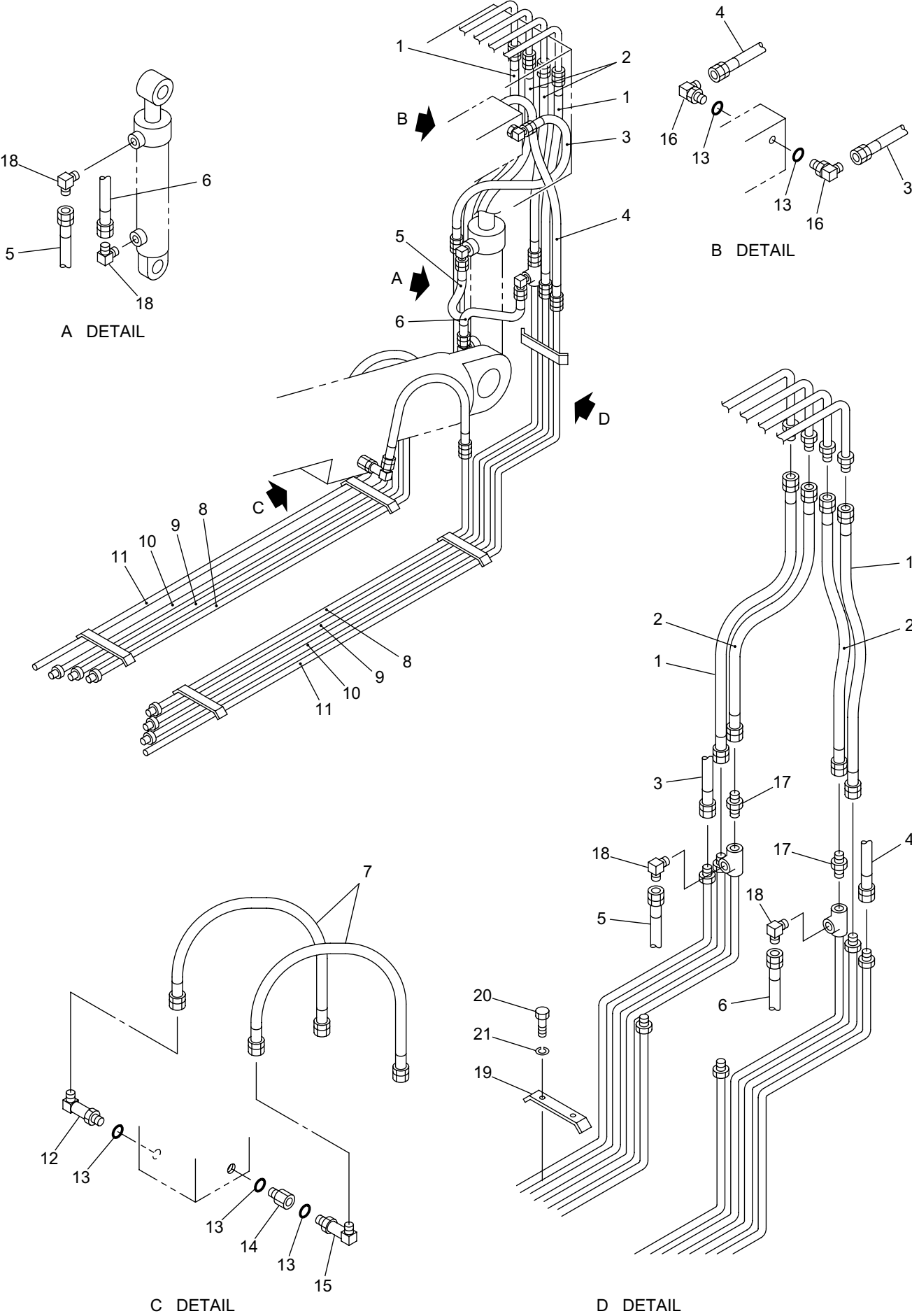
TURN TABLE TUBING



7S704402-3/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R18S7240	TUBE	1			
2	1	S3094419	HOSE	1			
3	1	S3102122	HOSE	1			
4	1	S3102124	HOSE	1			
5	1	10600090	HOSE	1			
6	1	S3094436	HOSE	1			
7	1	S3102120	HOSE	1			
8	1	R18S7239	TUBE	1			
9	1	16100100	HOSE	1			
10	1	16100080	HOSE	2			
11	1	16100100	HOSE	1			
12	1	16100080	HOSE	1			
13	1	R21S7045	HOSE	1			
14	1	16100090	HOSE	1			
15	1	12201002	ADAPTER	5			
16	1	13001200	UNION	2			
17	1	13201204	CONNECTOR	2			
18	1	11010180	O-RING	4			
19	1	S3086504	ELBOW, long	2			
20	1	10050602	ADAPTER, orifice	2			0.6
21	1	Z15S8225	CONNECTOR, orifice	2			0.6
22	1	12310002	NIPPLE	1			
23	1	12700002	TEE	1			
24	1	12201002	ADAPTER	1			
25	1	10000203	ADAPTER	4			
26	1	12231002	ADAPTER, long	1			
27	1	12221002	ADAPTER	1			
28	1	12310002	NIPPLE	1			
29	1	12700002	TEE	1			
30	1	12201002	ADAPTER	1			
31	1	12270102	ELBOW	2			
32	1	11010110	O-RING	3			
33	1	12273002	ELBOW, long	1			

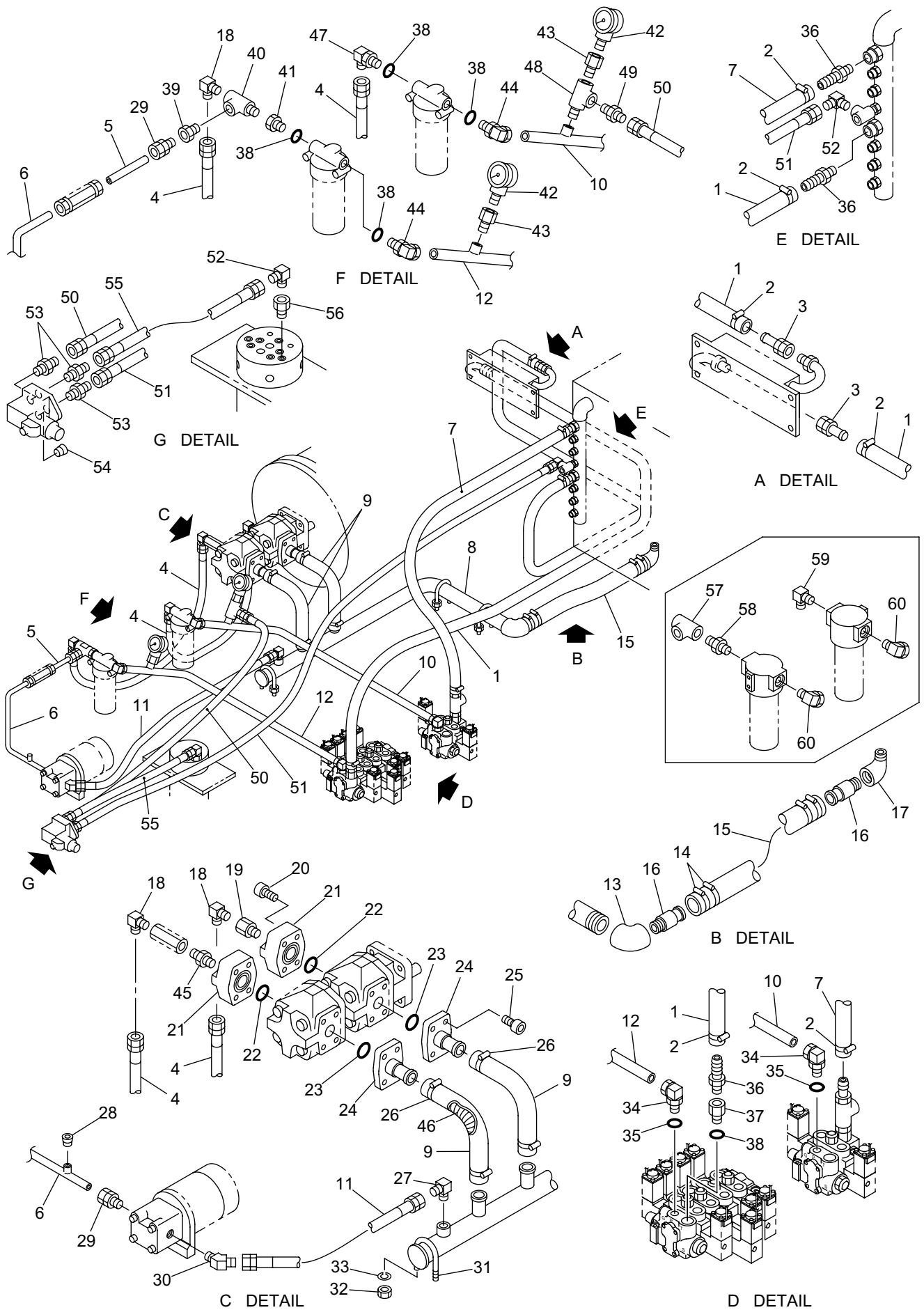
TURN TABLE TUBING



7S704402-4/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	S3102107	HOSE	2			
2	1	S3102121	HOSE	2			
3	1	S3094411	HOSE	1			
4	1	S3094434	HOSE	1			
5	1	S3102120	HOSE	1			
6	1	S3102101	HOSE	1			
7	1	S3094436	HOSE	2			
8	1	R18S7235	TUBE	2			
9	1	R18S7236	TUBE	2			
10	1	R18S7237	TUBE	2			
11	1	R18S7238	TUBE	2			
12	1	12273003	ELBOW, long	1			
13	1	11010140	O-RING	5			
14	1	30505594	FILTER	1			
15	1	12270103	ELBOW	1			
	1	12273003	ELBOW, long	1			
16	1	12270103	ELBOW	2			
17	1	12201002	ADAPTER	2			
18	1	12221002	ADAPTER	4			
19	1	R21S7008	CLAMP	6			
20	1	01130830	BOLT	12			
21	1	03020008	WASHER, spring	12			

TURN TABLE TUBING



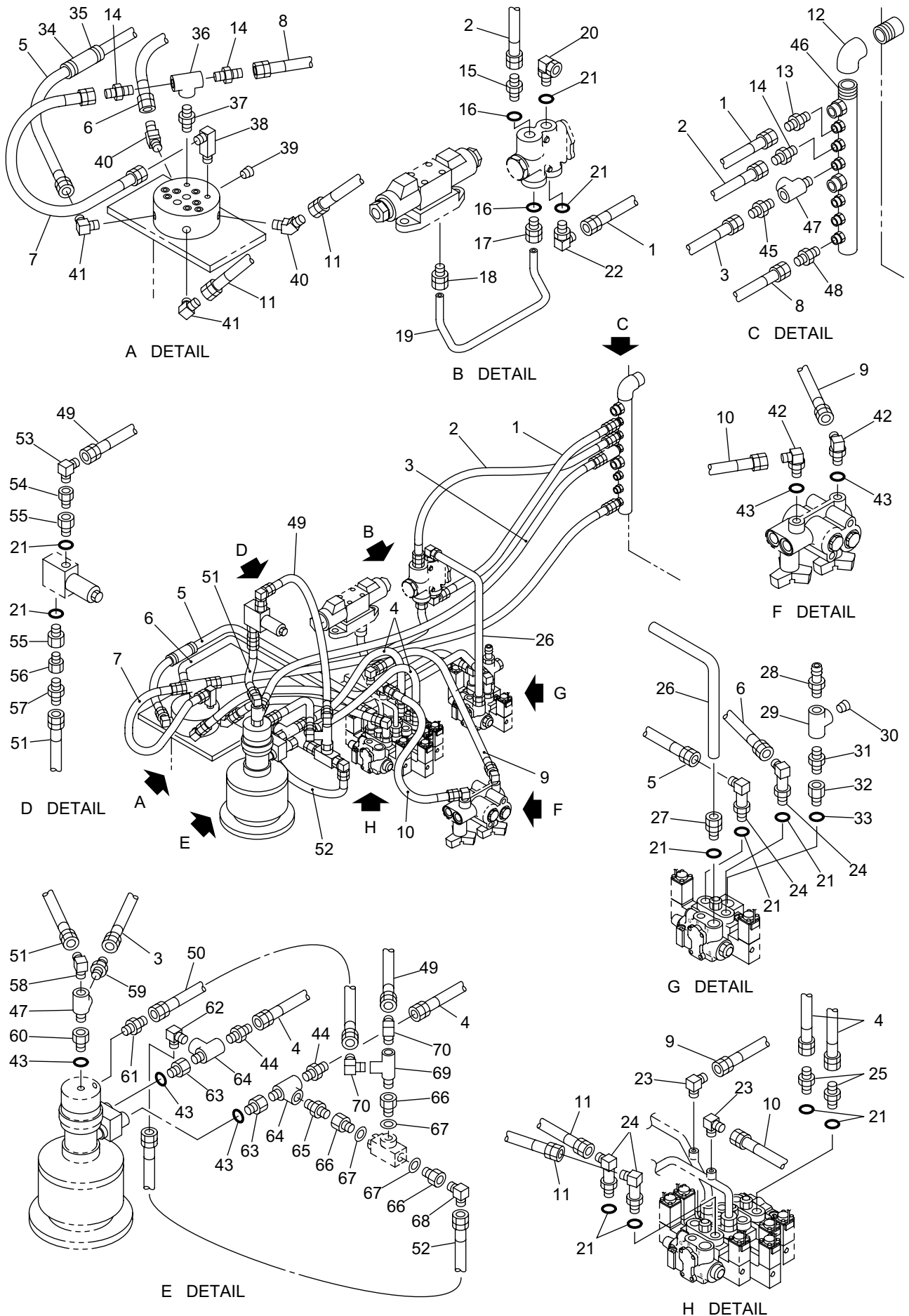
7S704423-1/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	15319310	HOSE	2			
2	1	15001632	BAND, hose	6			
3	1	R21S7005	UNION, hose	2			
4	1	15603056	HOSE	2			
5	1	R21S7012	TUBE	1			
6	1	R21S7013	TUBE	1			
7	1	15319155	HOSE	1			
8	1	R18S7241	TUBE	1			
9	1	15332041	HOSE	2			
10	1	R18S7230	TUBE	1			
11	1	S3094433	HOSE	1			
12	1	R18S7231	TUBE	1			
13	1	S3075004	ELBOW	1			
14	1	15002670	BAND, hose	4			
15	1	15350053	HOSE	1			
16	1	R12S7219	UNION, hose	2			
17	1	S3075203	ELBOW	1			
18	1	12221006	ADAPTER	3			
19	1	12320806	BUSHING	1			
20	1	01361035	SCREW, cap	8			
21	1	30702012	FLANGE	2			
22	1	11110350	O-RING	2			
23	1	11110450	O-RING	2			
24	1	R21S7015B	FLANGE	2			
25	1	01361030	SCREW, cap	8			
26	1	15003757	BAND, hose	4			
27	1	12221003	ADAPTER	1			
28	1	12100102	PLUG	1			
29	1	13101203	CONNECTOR	2			
30	1	12211003	ADAPTER	1			
31	1	S3407002	U-BOLT	3			
32	1	02014210	NUT	6			
33	1	03020010	WASHER, spring	6			
34	1	S3086103	ELBOW	2			
35	1	11010180	O-RING	2			

7S704423-1/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
36	1	15011006	NIPPLE	3			
37	1	S3077606	BUSHING	1			
38	1	11010240	O-RING	5			
39	1	12320603	BUSHING	1			
40	1	S3078905	TEE	2			
41	1	S3077606	BUSHING	1			
42	1	3120000012A	GAUGE, pressure	2			
43	1	3070000020	ADAPTER	2			
44	1	S3086104	ELBOW	2			
45	1	30706057	NIPPLE	1			
46	1	R21S7009	SPRING	2			
47	1	11270106	ELBOW	1			
48	1	S3078902	TEE	1			
49	1	12201002	ADAPTER	1			
50	1	S3102122	HOSE	1			
51	1	S3102123	HOSE	1			
52	1	12221002	ELBOW	1			
53	1	12201002	ADAPTER	3			
54	1	12100102	PLUG	1			
55	1	S3102120	HOSE	1			
56	1	12320302	BUSHING	1			
57	1	12700006	TEE	1			
58	1	12310006	NIPPLE	1			
59	1	12221006	ADAPTER	1			
60	1	14122106	ELBOW	2			

TURN TABLE TUBING



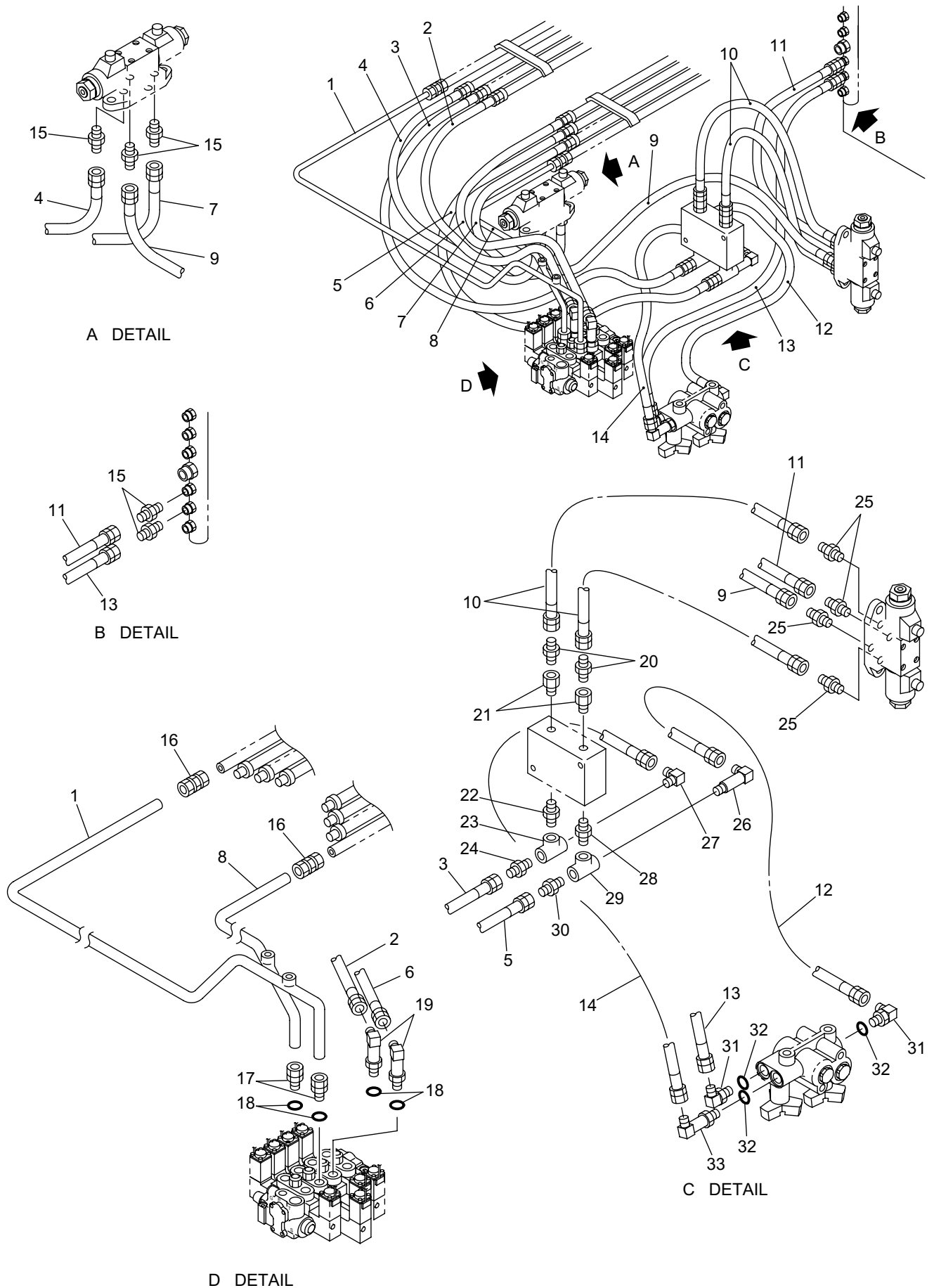
7S704423-2/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R21S7039	HOSE	1			
2	1	R21S7041	HOSE	1			
3	1	R21S7044	HOSE	1			
4	1	S3094435	HOSE	2			
5	1	S3094535	HOSE	1			
6	1	S3094522	HOSE	1			
7	1	R21S7043	HOSE	1			
8	1	R21S7040	HOSE	1			
9	1	10600050	HOSE	1			
10	1	S3102120	HOSE	1			
11	1	S3094519	HOSE	1			
12	1	S3075004	ELBOW	1			
13	1	12201004	ADAPTER	1			
14	1	12201003	ADAPTER	3			
15	1	12250103	CONNECTOR	1			
16	1	11010140	O-RING	2			
17	1	13201203	CONNECTOR	1			
18	1	13101202	CONNECTOR	1			
19	1	R12S7218	TUBE	1			
20	1	S3086103	ELBOW	1			
21	1	11010180	O-RING	11			
22	1	12270104	ELBOW	1			
23	1	12221002	ADAPTER	2			
24	1	12273004	ELBOW, long	4			
25	1	12251104	REDUCER	2			
26	1	R18S7232	TUBE	1			
27	1	14202104	CONNECTOR	1			
28	1	15011006	NIPPLE	1			
29	1	12700006	TEE	1			
30	1	12100106	PLUG	1			
31	1	12310006	NIPPLE	1			
32	1	S3077606	BUSHING	1			
33	1	11010240	O-RING	1			
34	1	R21S7006	VINYL	1			
35	1	18300044	BAND, nylon	2			

7S704423-2/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
36	1	12700003	TEE	1			
37	1	12310003	NIPPLE	1			
38	1	12231003	ADAPTER	1			
39	1	12100103	PLUG	2			
40	1	S3077106	ADAPTER	2			
41	1	S3076810	ADAPTER	2			
42	1	12270102	ELBOW	3			
43	1	11010110	O-RING	5			
44	1	10000302	CONNECTOR	2			
45	1	12201002	ADAPTER	1			
46	1	R12S7523	TUBE	1			
47	1	S3078902	TEE	2			
48	1	10000304	ADAPTER	1			
49	1	10780050	HOSE	1			
50	1	10780030	HOSE	1			
51	1	10780030	HOSE	1			
52	1	10780050	HOSE	1			
53	1	10020102	ELBOW	1			
54	1	12320302	BUSHING	1			
55	1	12350004	BUSHING	2			
56	1	12320302	BUSHING	1			
57	1	10000102	ADAPTER	1			
58	1	10020102	ELBOW	1			
59	1	12201002	ADAPTER	1			
60	1	12341002	BUSHING	1			
61	1	10000102	ADAPTER	1			
62	1	10020102	ELBOW	1			
63	1	12341002	BUSHING	2			
64	1	S3078902	TEE	2			
65	1	S3079006	NIPPLE	1			
66	1	R18S7266	CONNECTOR	3			
67	2	3040000002	SEAL, oil	1			
68	1	12221001	ELBOW	1			
69	1	S3078903	TEE	1			
70	1	12221001	ELBOW	2			

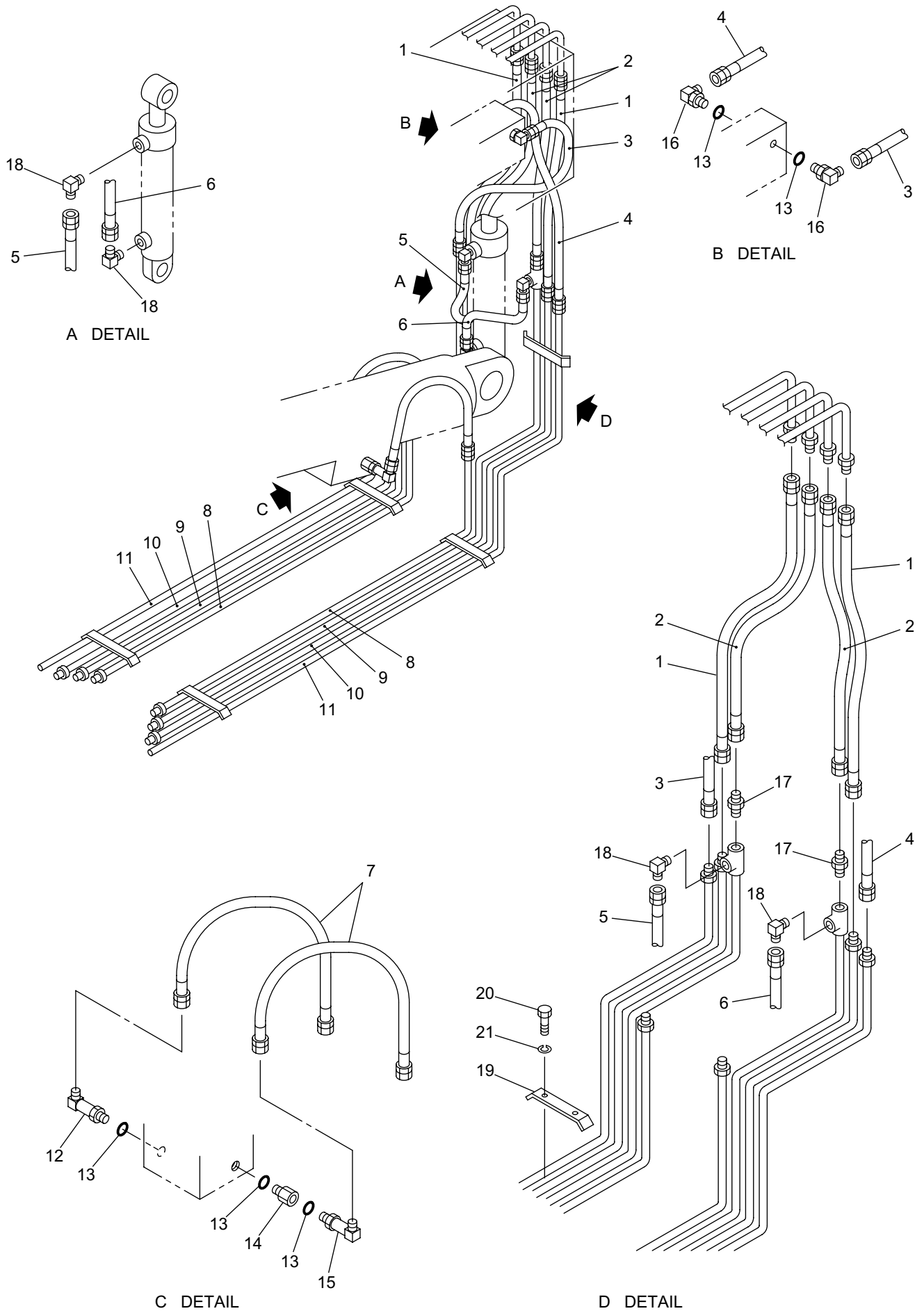
TURN TABLE TUBING



7S704423-3/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R18S7240	TUBE	1			
2	1	S3094419	HOSE	1			
3	1	S3102122	HOSE	1			
4	1	S3102124	HOSE	1			
5	1	15600090	HOSE	1			
6	1	S3094436	HOSE	1			
7	1	S3102120	HOSE	1			
8	1	R18S7239	TUBE	1			
9	1	16100100	HOSE	1			
10	1	16100080	HOSE	2			
11	1	16100100	HOSE	1			
12	1	16100080	HOSE	1			
13	1	R21S7045	HOSE	1			
14	1	16100090	HOSE	1			
15	1	12201002	ADAPTER	5			
16	1	13001200	UNION	2			
17	1	13201204	CONNECTOR	2			
18	1	11010180	O-RING	4			
19	1	S3086504	ELBOW, long	2			
20	1	10050602	ADAPTER, orifice	2			0.6
21	1	Z15S8225	CONNECTOR, orifice	2			0.6
22	1	12310002	NIPPLE	1			
23	1	12700002	TEE	1			
24	1	12201002	ADAPTER	1			
25	1	10000203	ADAPTER	4			
26	1	12231002	ADAPTER, long	1			
27	1	12221002	ADAPTER	1			
28	1	12310002	NIPPLE	1			
29	1	12700002	TEE	1			
30	1	12201002	ADAPTER	1			
31	1	12270102	ELBOW	2			
32	1	11010110	O-RING	3			
33	1	12273002	ELBOW, long	1			

TURN TABLE TUBING

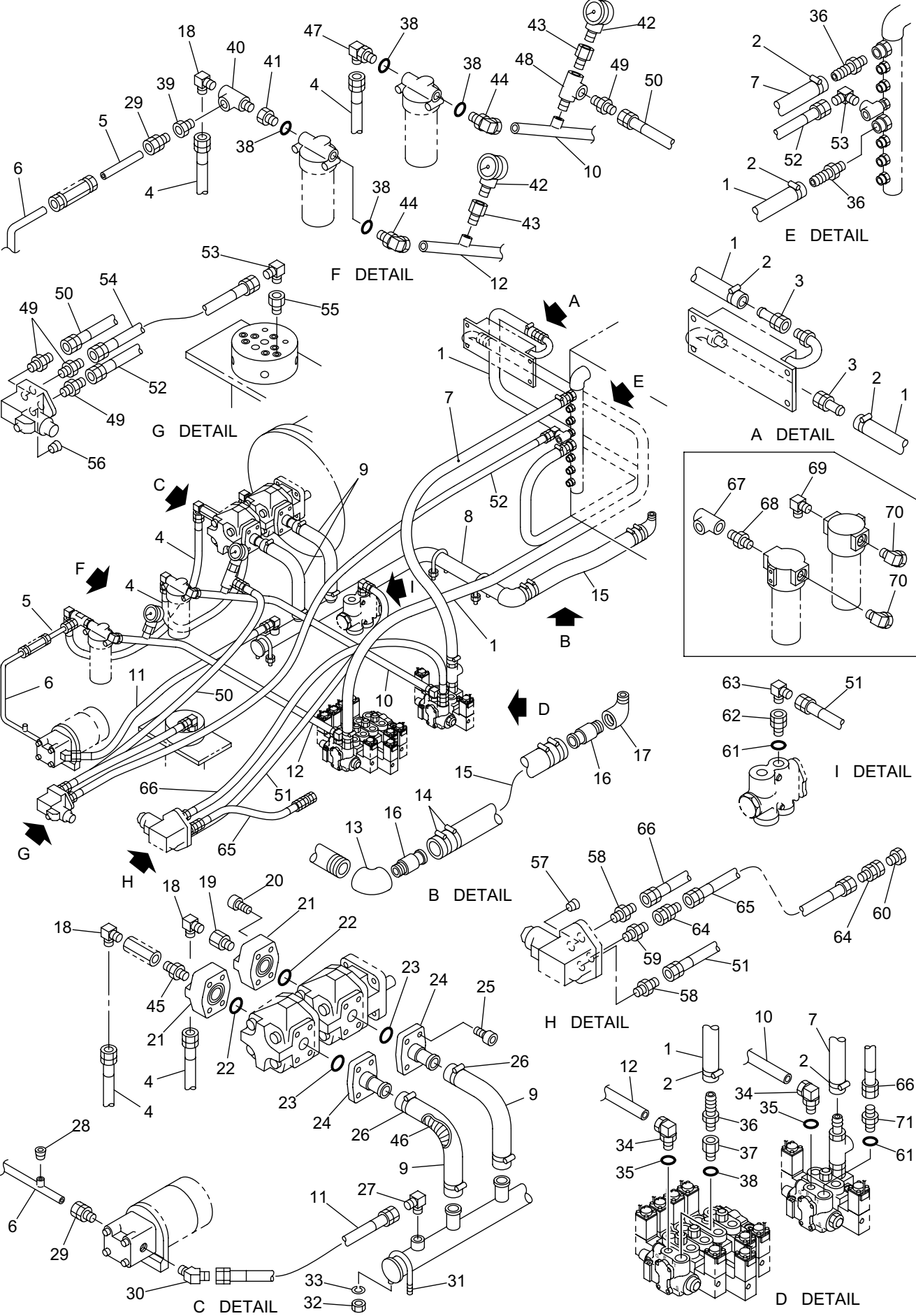


7S704423-4/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	S3102107	HOSE	2			
2	1	S3102121	HOSE	2			
3	1	S3094411	HOSE	1			
4	1	S3094434	HOSE	1			
5	1	S3102120	HOSE	1			
6	1	S3102101	HOSE	1			
7	1	S3094436	HOSE	2			
8	1	R18S7235	TUBE	2			
9	1	R18S7236	TUBE	2			
10	1	R18S7237	TUBE	2			
11	1	R18S7238	TUBE	2			
12	1	12273003	ELBOW, long	1			
13	1	11010140	O-RING	5			
14	1	30505594	FILTER	1			
15	1	12270103	ELBOW	1			
	1	12273003	ELBOW, long	1			
16	1	12270103	ELBOW	2			
17	1	12201002	ADAPTER	2			
18	1	12221002	ADAPTER	4			
19	1	R21S7008	CLAMP	6			
20	1	01130830	BOLT	12			
21	1	03020008	WASHER, spring	12			

Fig 7S704427-1/4

TURN TABLE TUBING



7S704427-1/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	15319310	HOSE	2			
2	1	15001632	BAND, hose	6			
3	1	R21S7005	UNION, hose	2			
4	1	15603056	HOSE	2			
5	1	R21S7012	TUBE	1			
6	1	R21S7013	TUBE	1			
7	1	15319155	HOSE	1			
8	1	R18S7241	TUBE	1			
9	1	15332041	HOSE	2			
10	1	R18S7230	TUBE	1			
11	1	S3094433	HOSE	1			
12	1	R18S7231	TUBE	1			
13	1	S3075004	ELBOW	1			
14	1	15002670	BAND, hose	4			
15	1	15350053	HOSE	1			
16	1	R12S7219	UNION, hose	2			
17	1	S3075203	ELBOW	1			
18	1	12221006	ADAPTER	3			
19	1	12320806	BUSHING	1			
20	1	01361036	SCREW, cap	8			
21	1	30702012	FLANGE	2			
22	1	11110350	O-RING	2			
23	1	11110450	O-RING	2			
24	1	R21S7015B	FLANGE	2			
25	1	01361030	SCREW, cap	8			
26	1	15003757	BAND, hose	4			
27	1	12221003	ADAPTER	1			
28	1	12100102	PLUG	1			
29	1	13101203	CONNECTOR	2			
30	1	12211003	ADAPTER	1			
31	1	S3407002	U-BOLT	3			
32	1	02014210	NUT	6			
33	1	03020010	WASHER, spring	6			
34	1	S3086103	ELBOW	2			
35	1	11010180	O-RING	2			

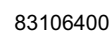
7S704427-1/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
36	1	15011006	NIPPLE	3			
37	1	S3077606	BUSHING	1			
38	1	11010240	O-RING	5			
39	1	12320603	BUSHING	1			
40	1	S3078905	TEE	1			
41	1	S3077606	BUSHING	1			
42	1	3120000012A	GAUGE, pressure	2			
43	1	3070000020	ADAPTER	2			
44	1	S3086104	ELBOW	2			
45	1	30706057	NIPPLE	1			
46	1	R21S7009	SPRING	2			
47	1	12270106	ELBOW	1			
48	1	S3078902	TEE	1			
49	1	12201002	ADAPTER	4			
50	1	S3102122	HOSE	1			
51	1	10603105	HOSE	1			
52	1	S3102123	HOSE	1			
53	1	12221002	ELBOW	2			
54	1	S3102120	HOSE	1			
55	1	12320302	BUSHING	1			
56	1	12100102	PLUG	1			
57	1	12100104	PLUG	1			
58	1	S3076910	ADAPTER	2			
59	1	12201004	ADAPTER	1			
60	1	30706053	PLUG	1			
61	1	11010180	O-RING	2			
62	1	S3077608	BUSHING	1			
63	1	12221006	ELBOW	1			
64	1	R21S7038	ADAPTER	2			
65	1	R21S7034	HOSE	1			
66	1	10603110	HOSE	1			
67	1	12700006	TEE	1			
68	1	12310006	NIPPLE	1			
69	1	12221006	ADAPTER	1			
70	1	14122106	ELBOW	2			

7S704427-1/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
71	1	12252104	ADAPTER	1			

TURN TABLE TUBING



7S704427-2/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R21S7039	HOSE	1			
2	1	R21S7036	HOSE	1			
3	1	R21S7041	HOSE	1			
4	1	R21S7044	HOSE	1			
5	1	S3094435	HOSE	2			
6	1	S3094535	HOSE	1			
7	1	S3094522	HOSE	1			
8	1	R21S7043	HOSE	1			
9	1	R21S7040	HOSE	1			
10	1	15600050	HOSE	1			
11	1	S3102120	HOSE	1			
12	1	S3094519	HOSE	2			
13	1	S3075004	ELBOW	1			
14	1	12201004	ADAPTER	1			
15	1	12201003	ADAPTER	3			
16	1	12250103	CONNECTOR	1			
17	1	11010140	O-RING	2			
18	1	13201203	CONNECTOR	1			
19	1	13101202	CONNECTOR	1			
20	1	R12S7218	TUBE	1			
21	1	S3086103	ELBOW	1			
22	1	11010180	O-RING	9			
23	1	12221002	ADAPTER	2			
24	1	12273004	ELBOW, long	4			
25	1	12251104	REDUCER	2			
26							
27							
28	1	15011006	NIPPLE	1			
29	1	12700006	TEE	1			
30	1	12100106	PLUG	1			
31	1	12310006	NIPPLE	1			
32	1	S3077606	BUSHING	1			
33	1	11010240	O-RING	1			
34	1	12700003	TEE	1			
35	1	12310003	NIPPLE	1			

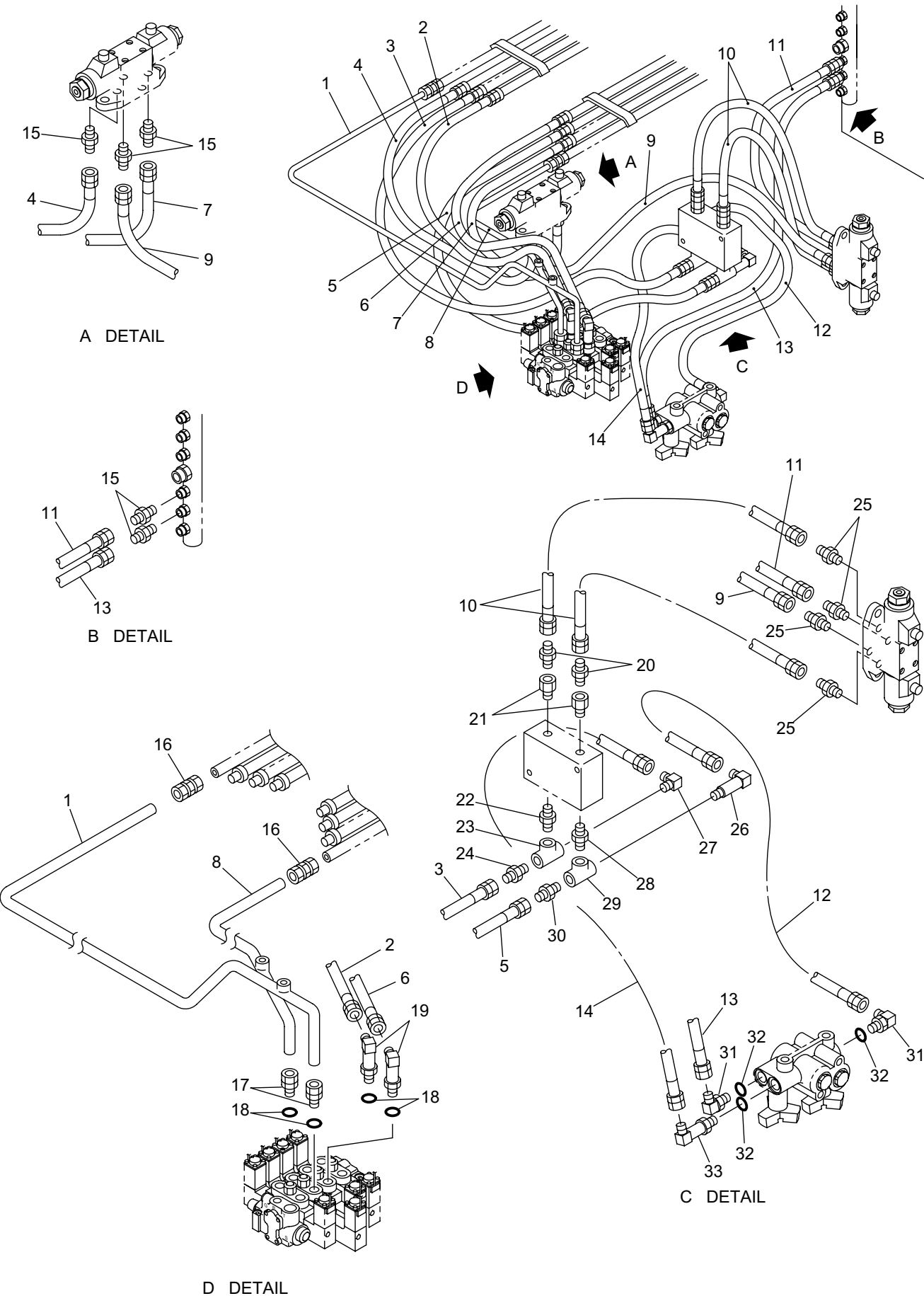
7S704427-2/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
36	1	12231003	ADAPTER	1			
37	1	12100103	PLUG	2			
38	1	S3077106	ADAPTER	2			
39	1	S3076810	ADAPTER	2			
40	1	12270102	ELBOW	2			
41	1	11010110	O-RING	5			
42	1	10000302	CONNECTOR	2			
43	1	12201002	ADAPTER	1			
44	1	R12S7523	TUBE	1			
45	1	30706053	PLUG	1			
46	1	R21S7038	ADAPTER	2			
47	1	30706052	PLUG	1			
48	1	R21S7037	ADAPTER	2			
49	1	12221003	ELBOW	1			
50	1	S3078904	TEE	1			
51	1	S3078902	TEE	2			
52	1	10000304	ADAPTER	1			
53	1	10780050	HOSE	1			
54	1	10780030	HOSE	1			
55	1	10780030	HOSE	1			
56	1	10780050	HOSE	1			
57	1	10020102	ELBOW	1			
58	1	12320302	BUSHING	1			
59	1	12350004	BUSHING	2			
60	1	12320302	BUSHING	1			
61	1	10000102	ADAPTER	1			
62	1	10020102	ELBOW	1			
63	1	12201002	ADAPTER	1			
64	1	12341002	BUSHING	1			
65	1	10000102	ADAPTER	1			
66	1	10020102	ELBOW	1			
67	1	12341002	BUSHING	2			
68	1	S3078902	TEE	2			
69	1	S3079006	NIPPLE	1			
70							

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
71	1	12221001	ELBOW	1			
72	1	S3078903	TEE	1			
73	1	12221001	ELBOW	1			
74	1	12221001	ELBOW	1			
75	1	R12S7591	VINYL	1			
76	1	18300044	BAND, nylon	2			
77	1	R18S7266	CONNECTOR	3			
78	2	3040000002	SEAL, oil	1			
79	1	R21S7035	HOSE	1			
80	1	12221004	ELBOW	1			
81	1	S3078901	TEE	1			

Fig 7S704427-3/4

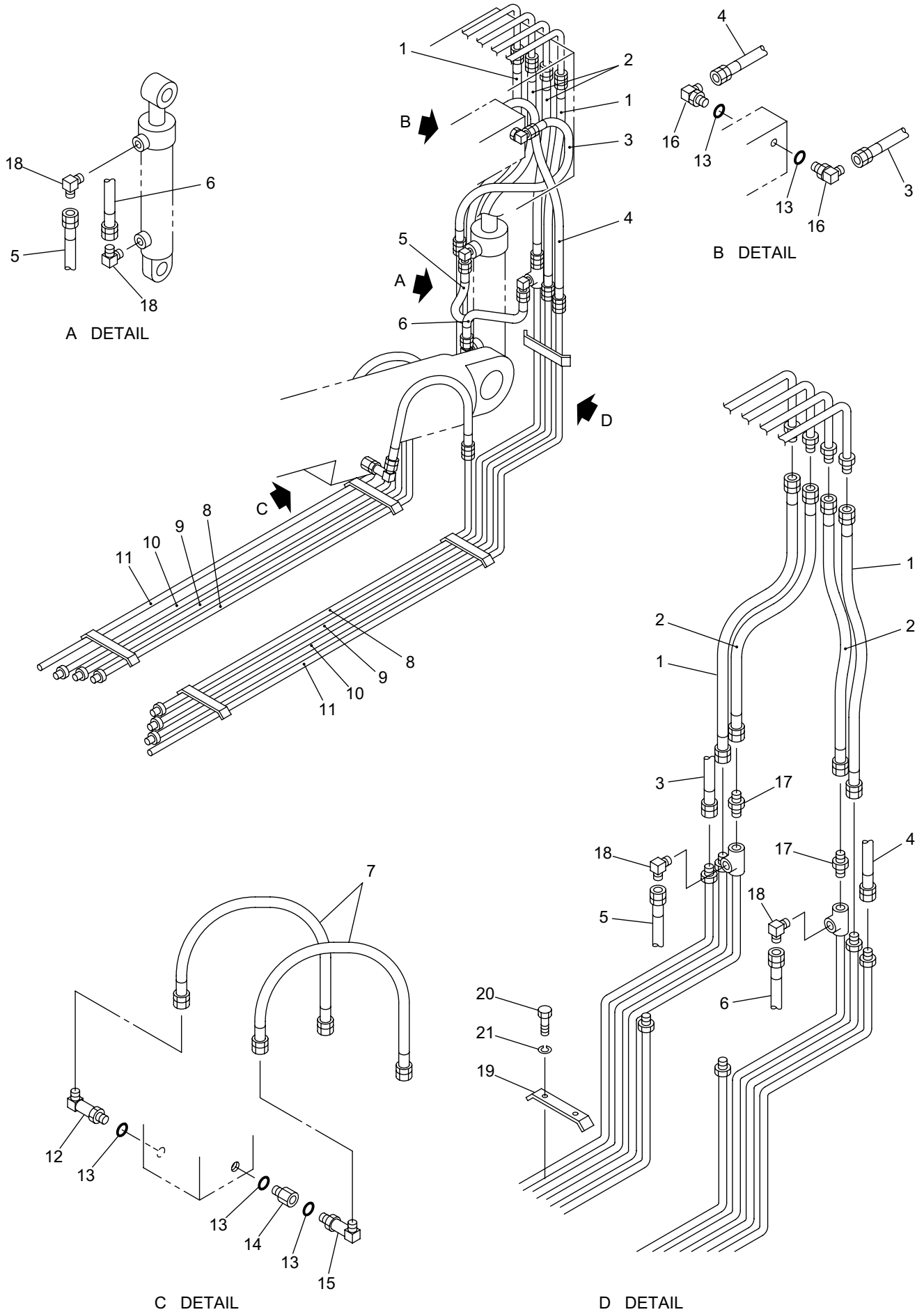
TURN TABLE TUBING



7S704427-3/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R18S7240	TUBE	1			
2	1	S3094419	HOSE	1			
3	1	S3102122	HOSE	1			
4	1	S3102124	HOSE	1			
5	1	15600090	HOSE	1			
6	1	S3094436	HOSE	1			
7	1	S3102120	HOSE	1			
8	1	R18S7239	TUBE	1			
9	1	16100100	HOSE	1			
10	1	16100080	HOSE	2			
11	1	16100100	HOSE	1			
12	1	16100080	HOSE	1			
13	1	R21S7045	HOSE	1			
14	1	16100090	HOSE	1			
15	1	12201002	ADAPTER	5			
16	1	13001200	UNION	2			
17	1	13201204	CONNECTOR	2			
18	1	11010180	O-RING	4			
19	1	S3086504	ELBOW, long	2			
20	1	10050602	ADAPTER, orifice	2			0.6
21	1	Z15S8225	CONNECTOR, orifice	2			0.6
22	1	12310002	NIPPLE	1			
23	1	12700002	TEE	1			
24	1	12201002	ADAPTER	1			
25	1	10000203	ADAPTER	4			
26	1	12231002	ADAPTER, long	1			
27	1	12221002	ADAPTER	1			
28	1	12310002	NIPPLE	1			
29	1	12700002	TEE	1			
30	1	12201002	ADAPTER	1			
31	1	12270102	ELBOW	2			
32	1	11010110	O-RING	3			
33	1	12273002	ELBOW, long	1			

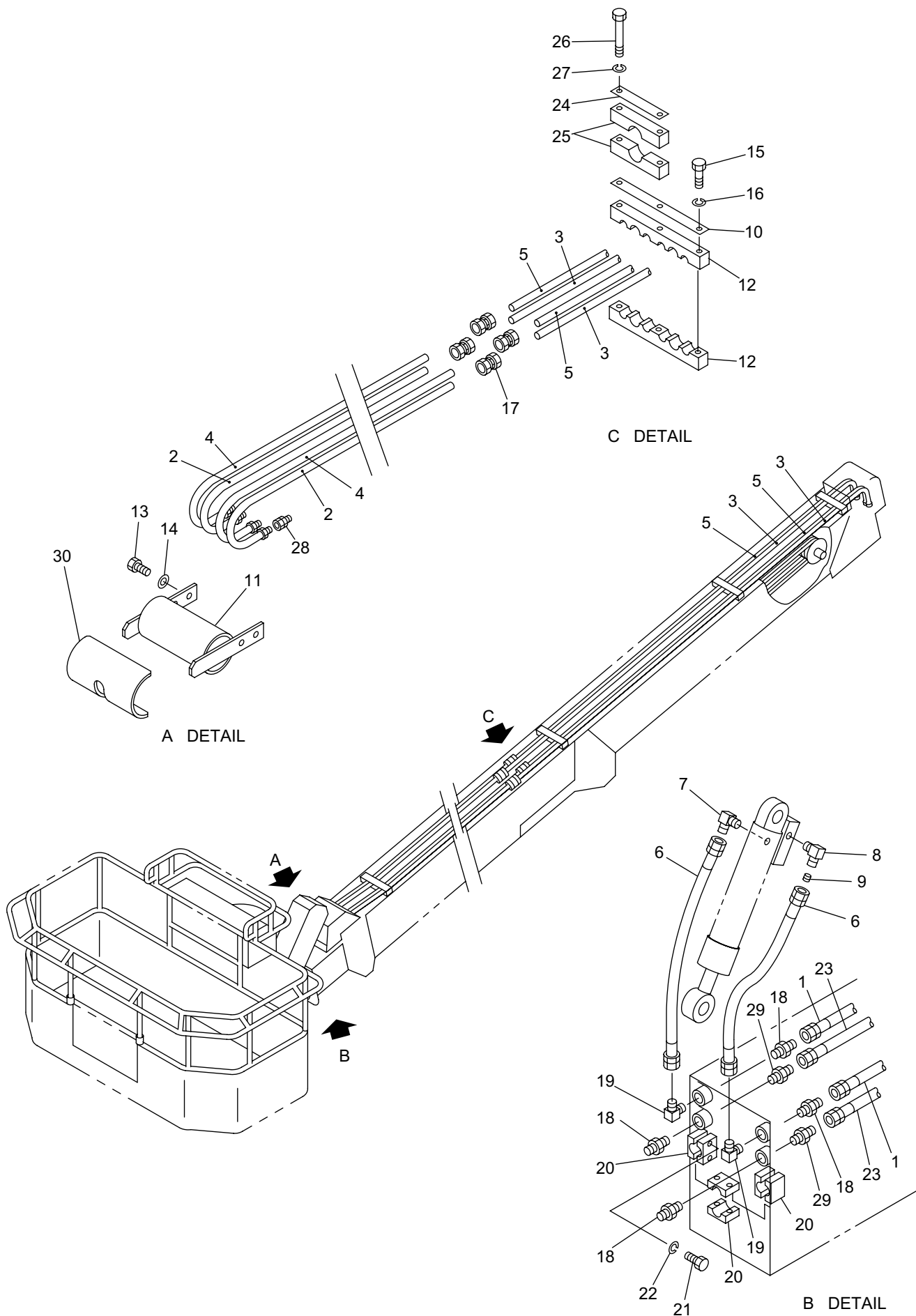
TURN TABLE TUBING



7S704427-4/4

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	S3102107	HOSE	2			
2	1	S3102121	HOSE	2			
3	1	S3094411	HOSE	1			
4	1	S3094434	HOSE	1			
5	1	S3102120	HOSE	1			
6	1	S3102101	HOSE	1			
7	1	S3094436	HOSE	2			
8	1	R18S7235	TUBE	2			
9	1	R18S7236	TUBE	2			
10	1	R18S7237	TUBE	2			
11	1	R18S7238	TUBE	2			
12	1	12273003	ELBOW, long	1			
13	1	11010140	O-RING	5			
14	1	30505594	FILTER	1			
15	1	12270103	ELBOW	1			
	1	12273003	ELBOW, long	1			
16	1	12270103	ELBOW	2			
17	1	12201002	ADAPTER	2			
18	1	12221002	ADAPTER	4			
19	1	R21S7008	CLAMP	6			
20	1	01130830	BOLT	12			
21	1	03020008	WASHER, spring	12			

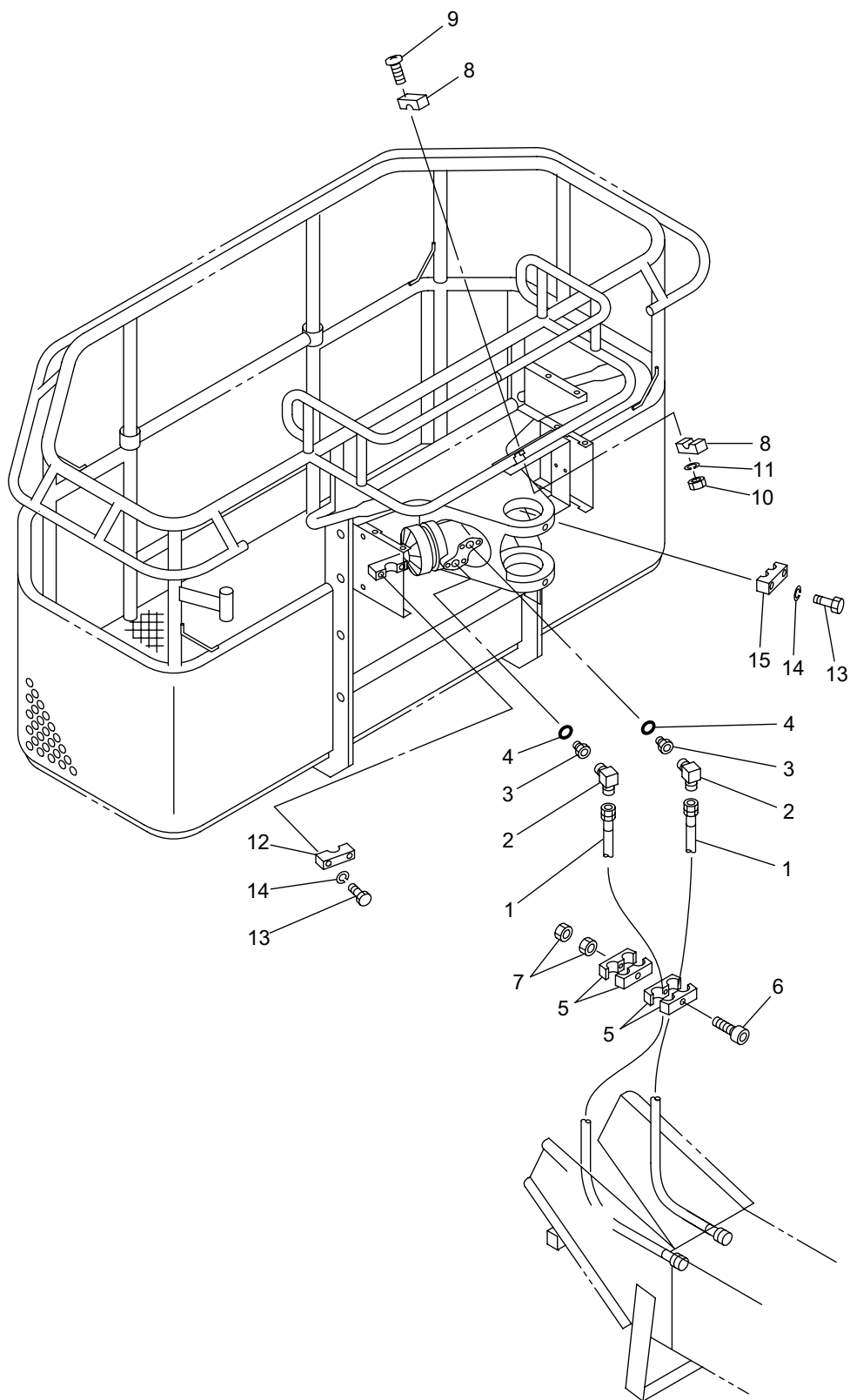
BOOM TUBING



7S804365

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	10701220	HOSE	2			1/4in., 12200mm
2	1	R18S8019	TUBE	2			
3	1	R18S8020	TUBE	2			
4	1	R18S8021	TUBE	2			
5	1	R18S8022	TUBE	2			
6	1	10700050	HOSE, nylon	2			
7	1	R21S8010	ADAPTER	1			
8	1	R21S8011	ADAPTER	1			
9	1	R21S8012	ORIFICE	1			
10	1	R18S8013	CLAMP	6			
11	1	R21S8013	BRACKET	1			
12	1	R18S8023	CLAMP, rubber	12			
13	1	01130814	BOLT	4			
14	1	03010008	WASHER, harden	4			
15	1	01130850	BOLT	6			
16	1	03020008	WASHER, spring	6			
17	1	13001200	UNION	4			
18	1	12201002	ADAPTER	4			
19	1	12221002	ADAPTER	2			
20	1	40803846	CLAMP	3			
21	1	01130616	BOLT	6			3/8in., 12170mm
22	1	03020006	WASHER, spring	6			
23	1	10711217	HOSE	2			
24	1	R18K0068	CLAMP	6			
25	1	R18K0069	CLAMP, rubber	12			
26	1	01130885	BOLT	12			
27	1	03020008	WASHER, spring	12			
28	1	30706633	ADAPTER	2			
29	1	10000302	ADAPTER	2			
30	1	R18S8027	GUIDE	1			

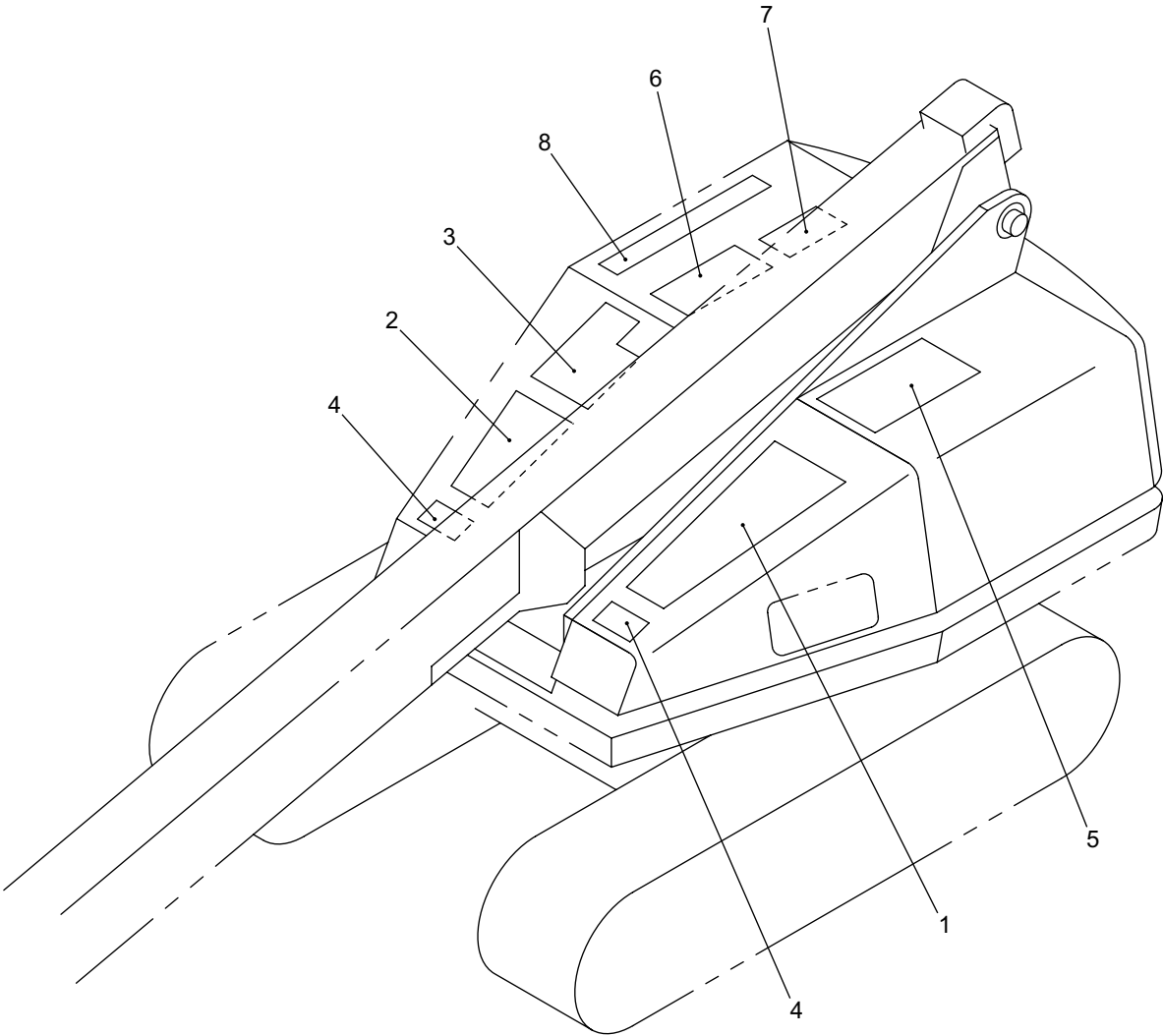
BASKET TUBING



7S902353

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	10700135	HOSE, nylon	2			
2	1	12221002	ADAPTER	2			
3	1	30706070	BUSHING	2			
4	1	11010224	O-RING	2			
5	1	30802095	CLAMP, tube	4			
6	1	01360855	SCREW, cap	1			
7	1	02014208	NUT	2			
8	1	30802094	CLAMP, tube	2			
9	1	03610630	SCREW, machine	2			
10	1	02014206	NUT	2			
11	1	03020006	WASHER, spring	2			
12	1	R21S9001	CLAMP	1			
13	1	01130825	BOLT	4			
14	1	03020008	WASHER, spring	4			
15	1	K16C3002A	CLAMP	1			

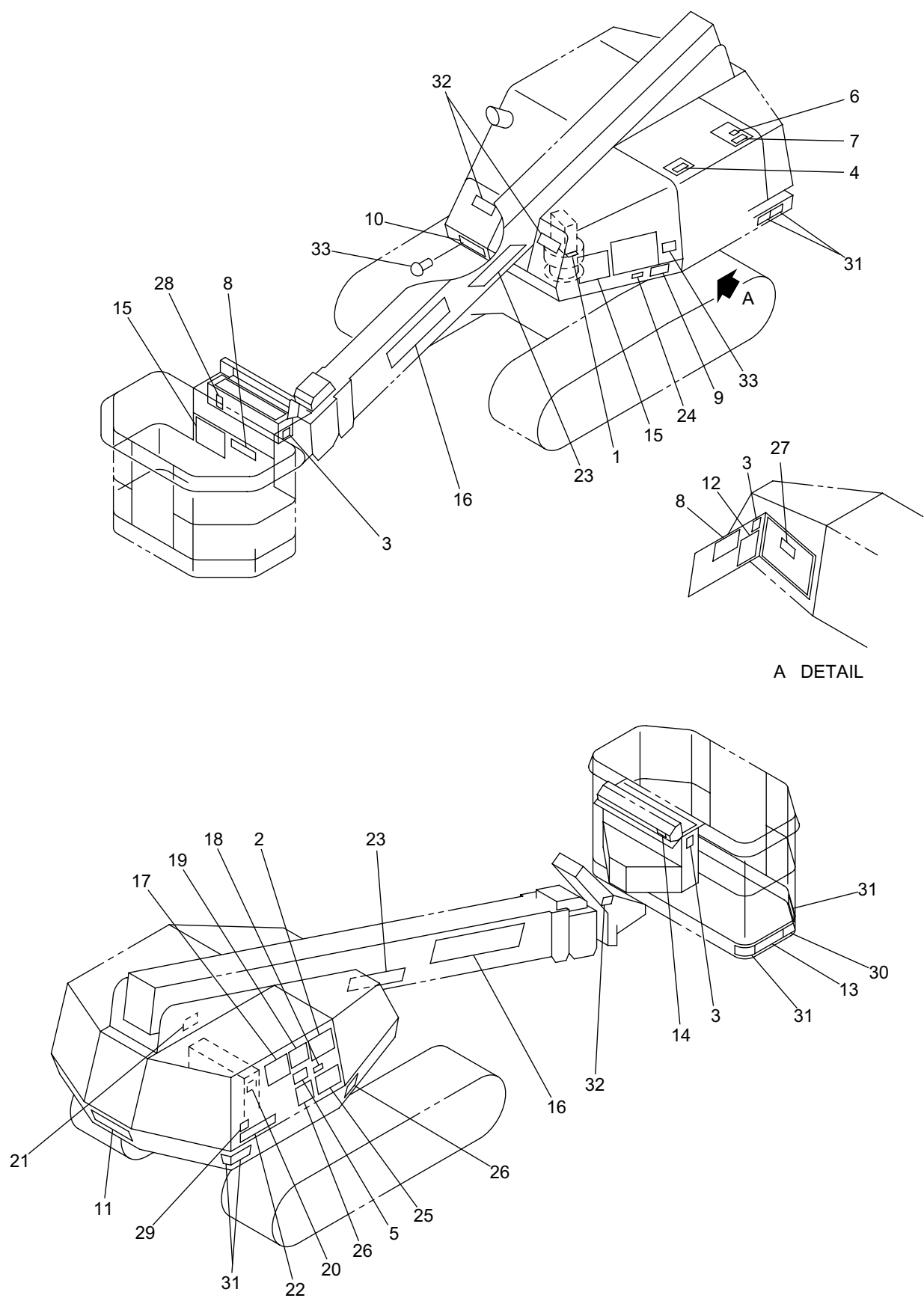
SAFTY WALK



7Y905718

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R18Y9001	MAT	1			
2	1	R18Y9002	MAT	1			
3	1	R18Y9003	MAT	1			
4	1	S4751025	MAT	2			
5	1	S4751026	MAT	1			
6	1	S4751027	MAT	1			
7	1	S4751028	MAT	1			
8	1	S4751029	MAT	1			

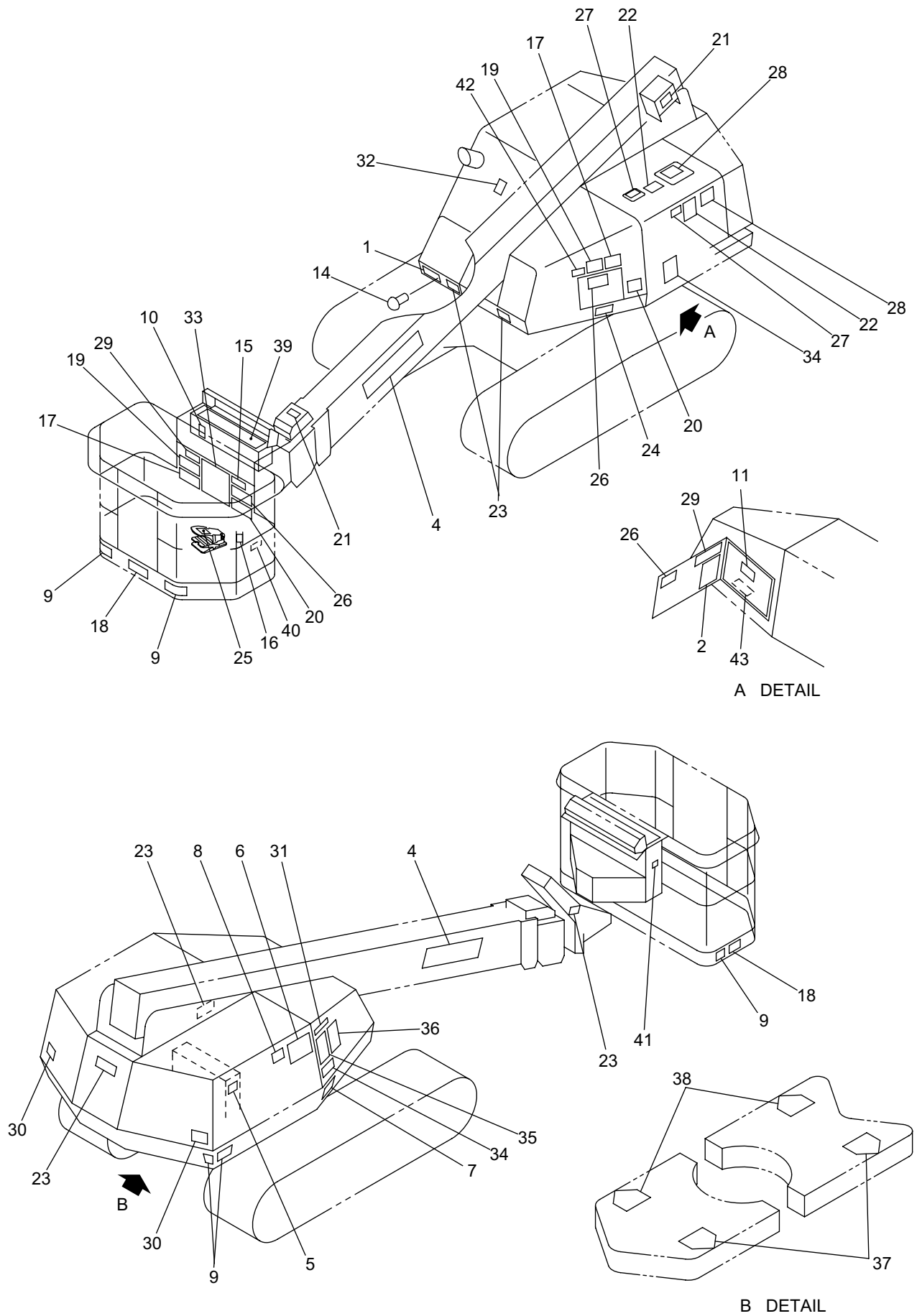
DECALS



7Y605555

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
	1	R18Y6054H	DECAL, Complete set	1			
1	2	49401497	N.P, Gear Oil	1			
2	2	R18Y6043	DECAL, Lubrication	1			
3	2	49104088A	DECAL, No wash	4			
4	2	49401936	N.P. Diesel fuel	1			
5	2	R21Y6026	DECAL, Cooling water	1			
6	2	49401937	N.P. Shell Tellus oil 32	1			
7	2	49402876	N.P. Hydraulic oil	1			
8	2	49104793	DECAL, Emergency pump	2			
9	2	49104789	DECAL, Platform level adjustment procedures	1			
10	2	49304675B	N.P. Serial number	1			
11	2	49100848	DECAL, Danger rotation	1			
12	2	R18Y6044	DECAL, Working range diagram	1			
13	2	49404731	DECAL, Rated load	2			
14	2	49104649A	DECAL, Electrocution hazard	1			
15	2	49104788	DECAL, Caution, Ensure safety	2			
16	2	18201004	DECAL, AICHI logo	2			
17	2	R18Y6046A	DECAL, Transportation	1			
18	2	49401967	DECAL, Engine oil	1			
19	2	49100844	DECAL, Engine, operation	1			
20	2	49100891B	DECAL, Anti-freeze	1			
21	2	49404603	DECAL, Air bleeding	1			
22	2	S4932126	DECAL, SR182	2			
23	2	49403507A	DECAL, SKYMASTER	2			
24	2	R18Y6042A	DECAL, Platform level adjusting valve	1			
25	2	R18Y6045A	DECAL, Hoisting	1			
26	2	R18Y6048B	DECAL, Ground contact pressure	1			
27	2	R12Y6157	N.P. Fuse (Lower)	1			
28	2	R12Y6156	N.P. Fuse (Upper)	1			
29	2	49404720	DECAL, CE mark	1			
30	2	49404433	DECAL, Manual load, Wind speed	2			
31	2	49404735	STRIPES, Warning	8			
32	2	49104689	DECAL, Do not be caught	4			
33	1	34000132A	RIVET	6			

DECALS



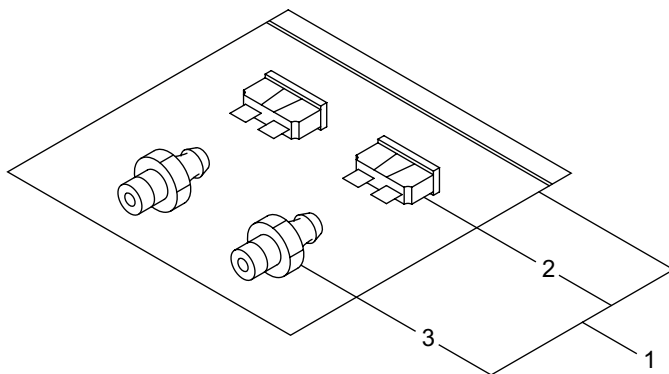
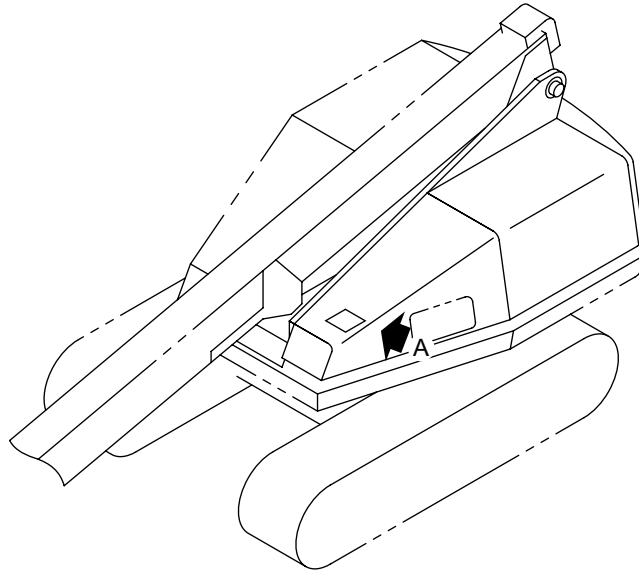
7Y605681

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
	1	R18Y6056F	DECAL, Complete set	1			
1	2	49304675B	N.P. Serial number	1			
2							
3							
4	2	18201004	DECAL, AICHI logo	2			
5	2	49100891B	DECAL, Anti freeze	1			
6	2	R12Y6197	DECAL, Hoisting	1			
7	2	R18Y6048B	DECAL, Ground contact pressure	2			
8	2	P21Y6026	DECAL, Cooling water	1			
9	2	49404735	STRIPES, Warning	10			
10	2	R12Y6156	N.P. Fuse (Upper)	1			
11	2	R12Y6157	N.P. Fuse (Lower)	1			
12							
13							
14	1	34000132A	RIVET	6			
	1	R12Y6161B	DECAL, Complete set	1			
15	2	4910000148	DECAL, Attach your safety harness	1			
16	2	4910000149	DECAL, Attach safety lanyard here	4			
17	2	4910000151	DECAL, Warning (Other hazards)	2			
18	2	4910000146	DECAL, Platform capacity	3			
19	2	4910000156	DECAL, Operators check list	2			
20	2	4910000157	DECAL, Warning (Operators Qualification)	2			
21	2	4910000158	DECAL, Warning (Limit switch)	2			
22	2	4910000155	DECAL, Danger (Explosive fumes)	2			
23	2	4910000154	DECAL, Danger (Crushing hazard)	7			
24	2	4910000153	DECAL, Danger (Platform level)	1			
25	2	4910000152	DECAL, Caution (Foot switch)	1			
26	2	4910000159	DECAL, Caution (Emergency pump)	2			
27	2	4910000160	DECAL, Caution (Diesel fuel only)	2			
28	2	4910000161	DECAL, Caution (Hydraulic oil only)	2			
29	2	4910000163	DECAL, Warning (Electrical Components)	2			
30	2	4910000165	DECAL, Danger (Stand clear)	3			
31	2	4910000166	DECAL, Warning (Inspection record)	1			
32	2	4910000167	DECAL, 24Volt DC battery system	1			
33	2	4910000150	DECAL, Danger (Tip-over, Electrocutation hazard)	1			

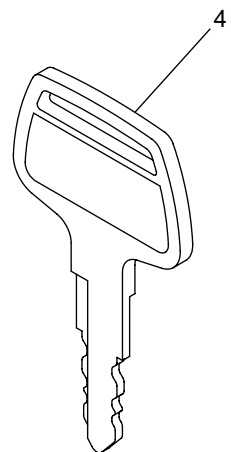
7Y605681

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
34	2	4910000162	DECAL, Danger (Transportation)	2			
35	2	4910000164	DECAL, Notice (Engine instruction)	1			
36	2	4910000168	DECAL, Notice (Lubrication)	1			
37	2	4910000175	DECAL, Direction (Red)	2			
38	2	4910000176	DECAL, Direction (Green)	2			
39	2	4910000383	N.P. Operation	1			
40	2	4910000307	PLATE, Name	1			
41	2	4910000308	PLATE, Name	1			
42	2	4910000309	N.P. Caution	1			
43	2	4910000318	PLATE, Name	1			

ATTACH PARTS



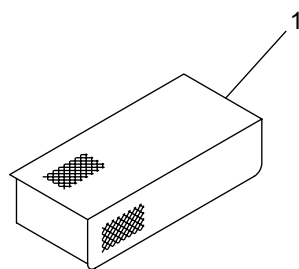
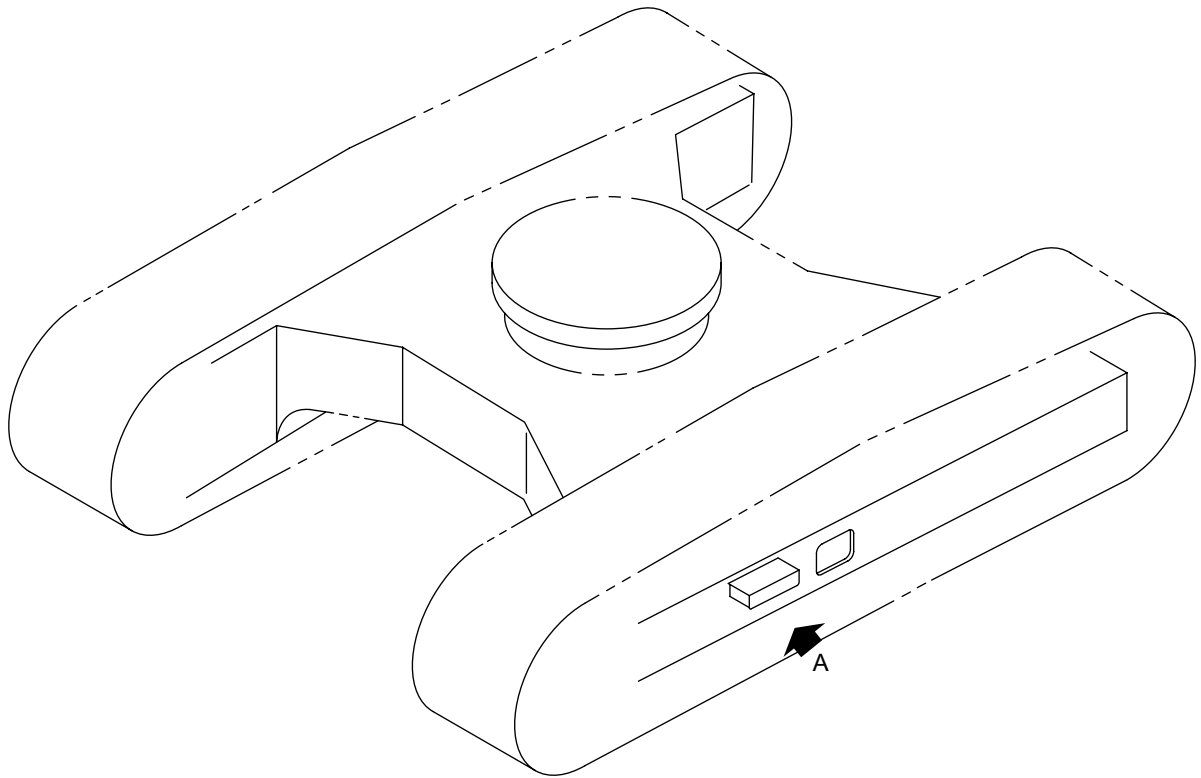
A DETAIL



7Y705750

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	48800183	SPARE PARTS	1			
2	2	19101010	FUSE, brade	2			
3	2	12000001	FITTING, grease	2			
4	1	R12F0289	KEY, plate	1			

DRIVE UNIT



A DETAIL

7M701683

Index No.	Level	Part No.	Description	Q'ty	Class	Serial No.	Remarks
1	1	R18E0036	STEP	2			

SR-182/ISR602	PARTS LIST
A6,E1,F1	No.PA00011
AICHI CORPORATION	
R&D CENTER	