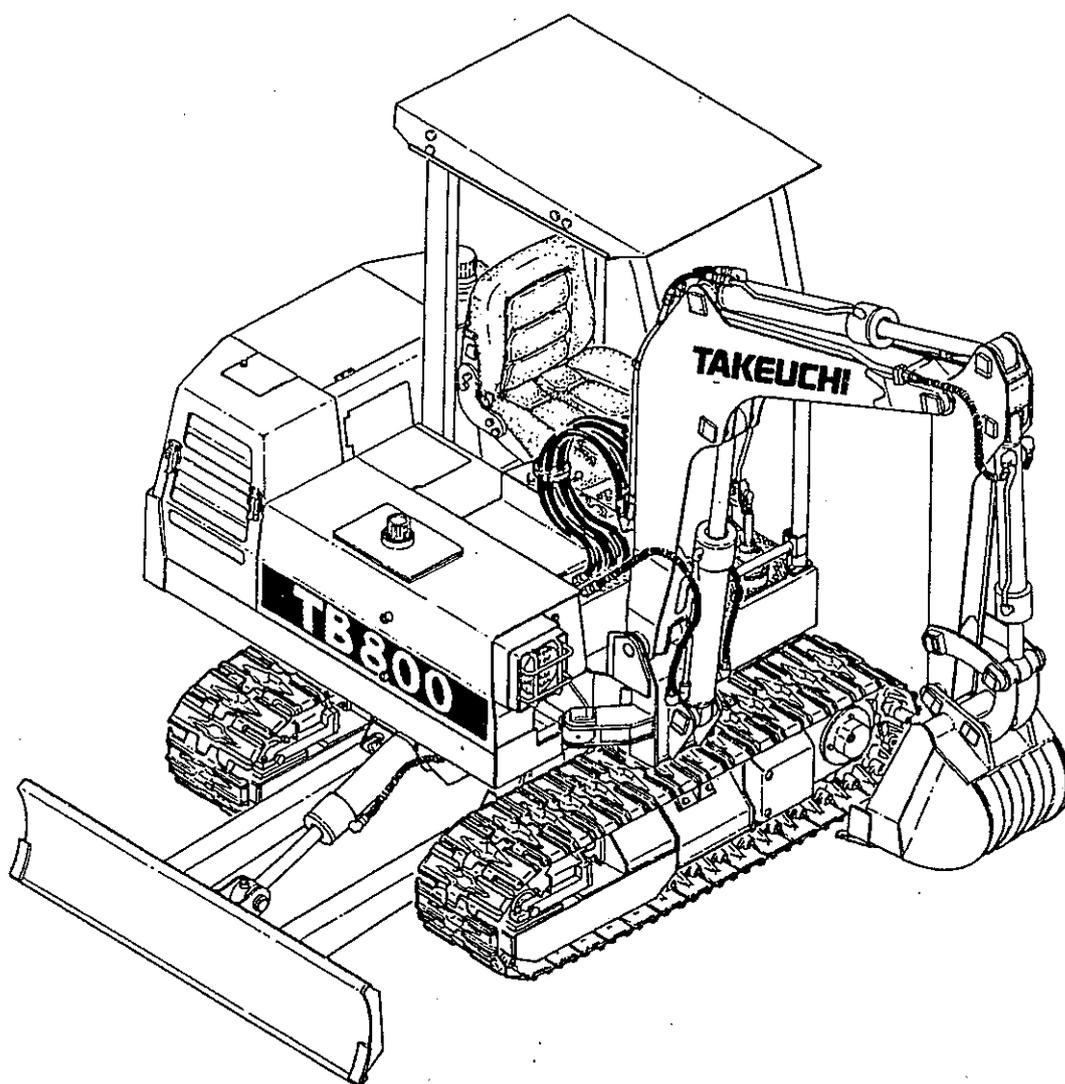


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# TAKEUCHI

## PARTS CATALOG

MODEL **TB800**

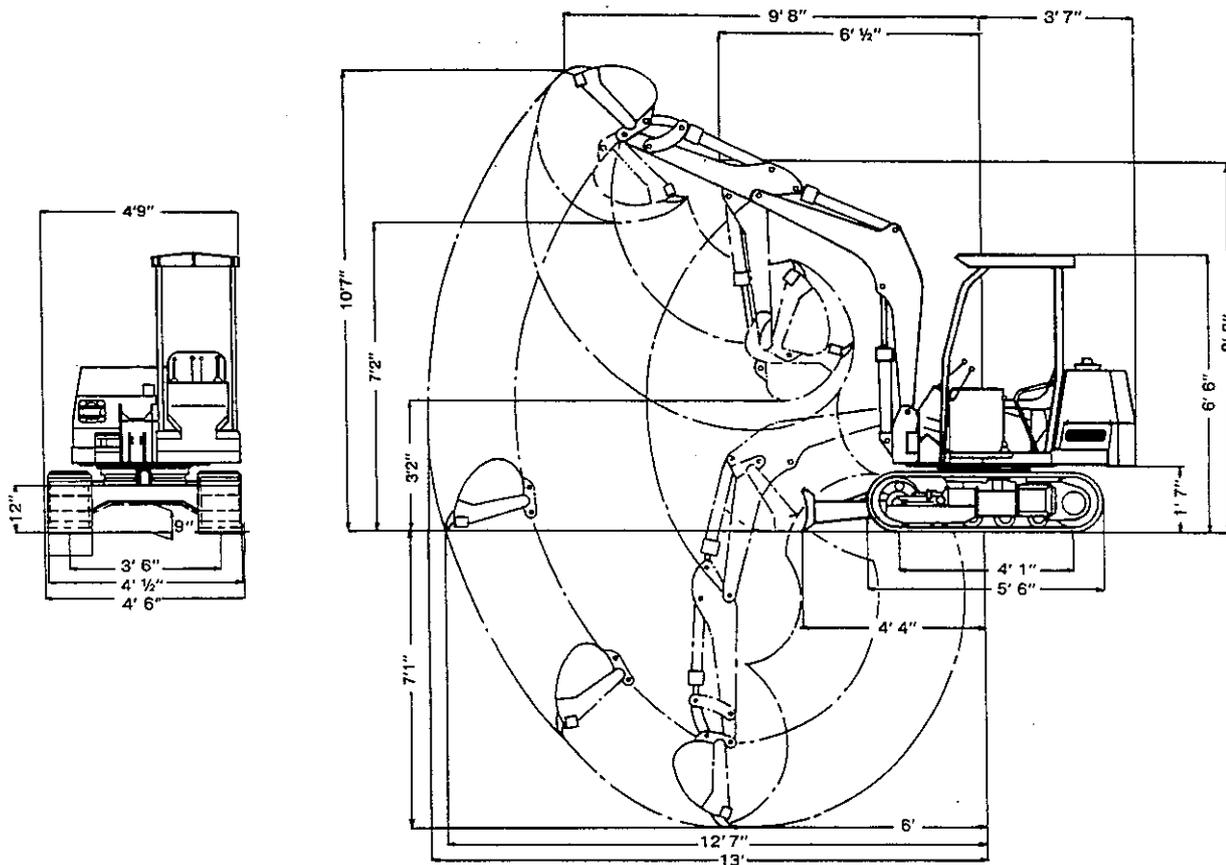


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## TAKEUCHI TB-800 SPECIFICATIONS

### DIMENSIONS

Overall height (transporting position) .....	6' 6"	1945mm
Overall length (transporting position) .....	12' 5"	3800mm
Overall width .....	4' 9"	1466mm

### BUCKET

Standard bucket .....	13.78"-2.70 cft	350mm-0.08m <sup>3</sup>
Optional bucket .....	10.24"-1.89 cft	260mm-0.05m <sup>3</sup>
	17.72"-3.51 cft	450mm-0.10m <sup>3</sup>
	19.69"-4.32 cft	500mm-0.12m <sup>3</sup>
	23.62"-5.40 cft	600mm-0.15m <sup>3</sup>

### WEIGHT

Complete machine operating weight ....	4366 lbs.	1980 kg
Ground Pressure .....	3.14 lbs/sq. in.	0.24 kb/cm <sup>2</sup>

### PERFORMANCE

Travel speed .....	0.95 m.p.h.	1.5 km/h
Superstructure rotation speed .....	8.1 r.p.m.	
Swingability .....	30°	
Maximum digging force .....	3616 lbs	1640 kg
(at bucket tooth)		
Maximum digging force .....	2425 lbs.	1100 kg
(at stick boom)		

### WORKING RANGES

Maximum depth of cut .....	7' 1"	2150mm
Maximum dumping height .....	7' 2"	2200mm

### DOZER BLADE

Width .....	55"	1400mm
Height .....	11.81"	300mm

### HYDRAULIC UNIT

Maximum relief pressure set .....	1990 p.s.i.	140 kg/cm <sup>2</sup>
Hydraulic pump & capacity .....	gear pump 5.97 gal/min x 2 pumps	
Hydraulic pump & discharge capacity ...	gear pump 5.97 gal/min x 2 pumps	22.6 L/min x 2 pumps

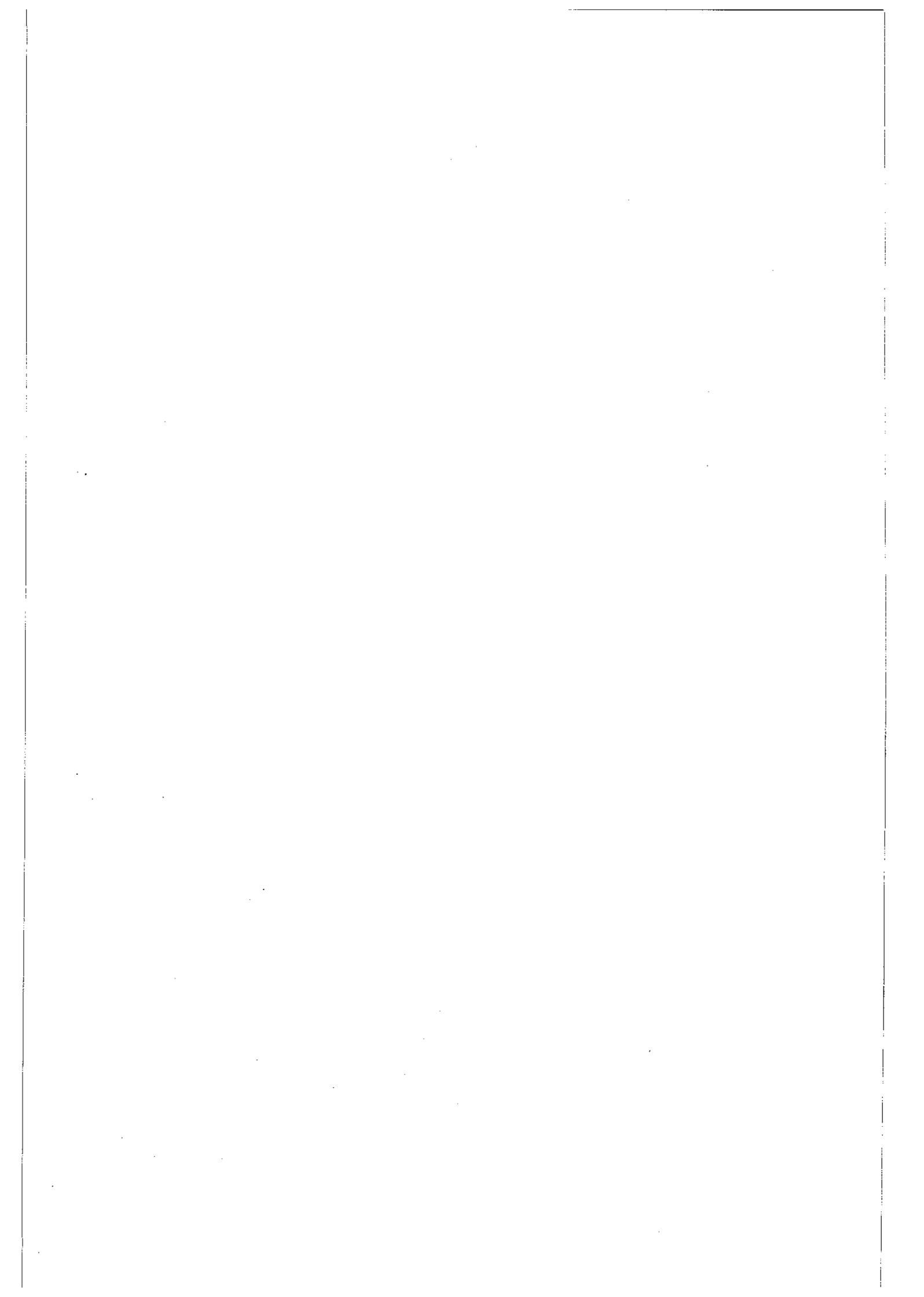
### ENGINE

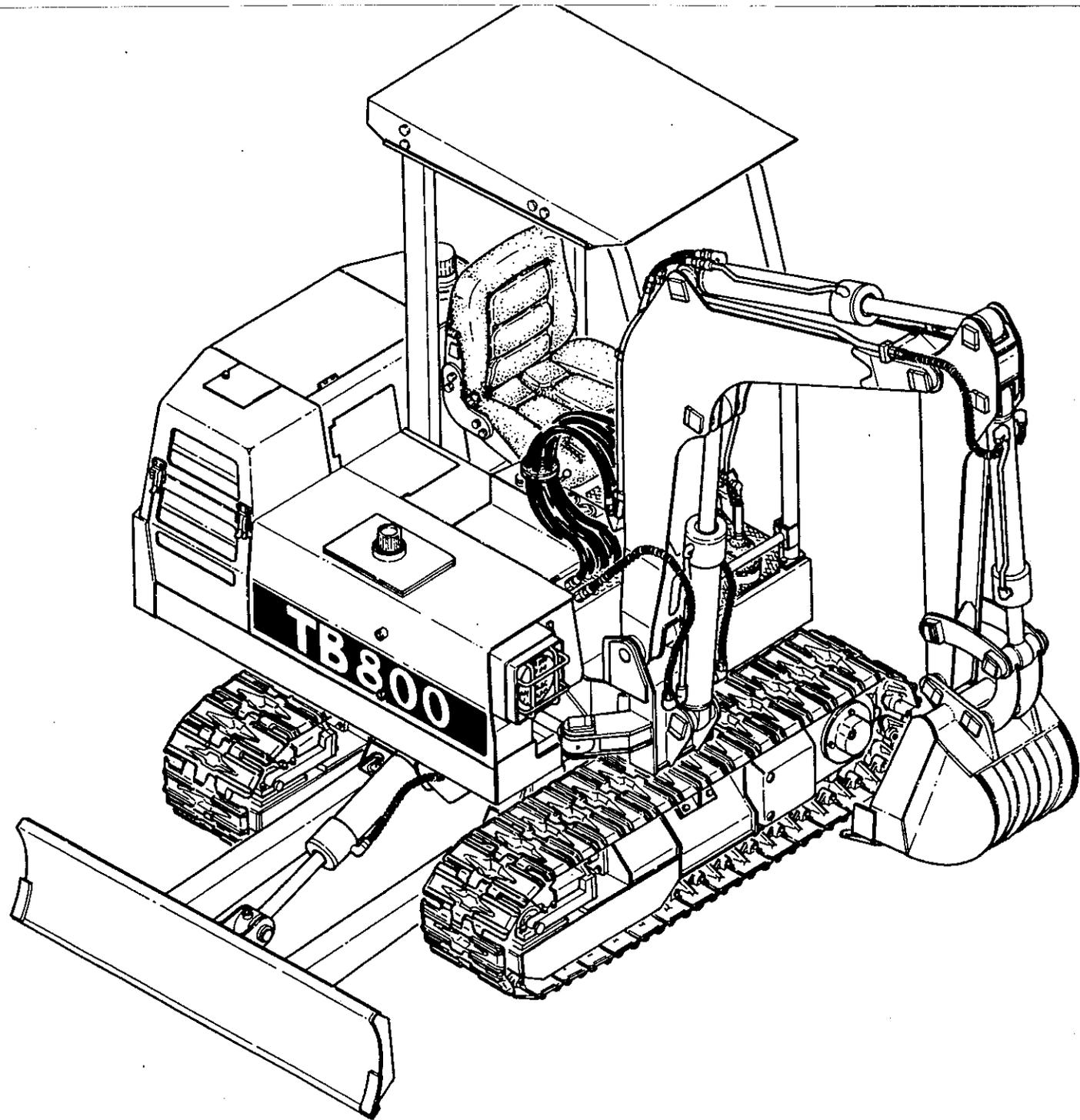
Make & model .....	Yanmar 3T72L-TB	
Rated output .....	17 hp/2400 r.p.m.	
Total displacement .....	54.4 cubic inches	890 cc
Maximum torque .....	40.50 ft.lbs.	5.6 kg-m
Cylinder number .....	3	
Cylinder bore x stroke .....	2.83 in. x 2.83 in.	72mm x 72mm
Compression ratio .....	23	
Fuel consumption .....	0.64 gal/h	170 g/hp-hr
Fuel tank capacity .....	7.40 gal.	29 L

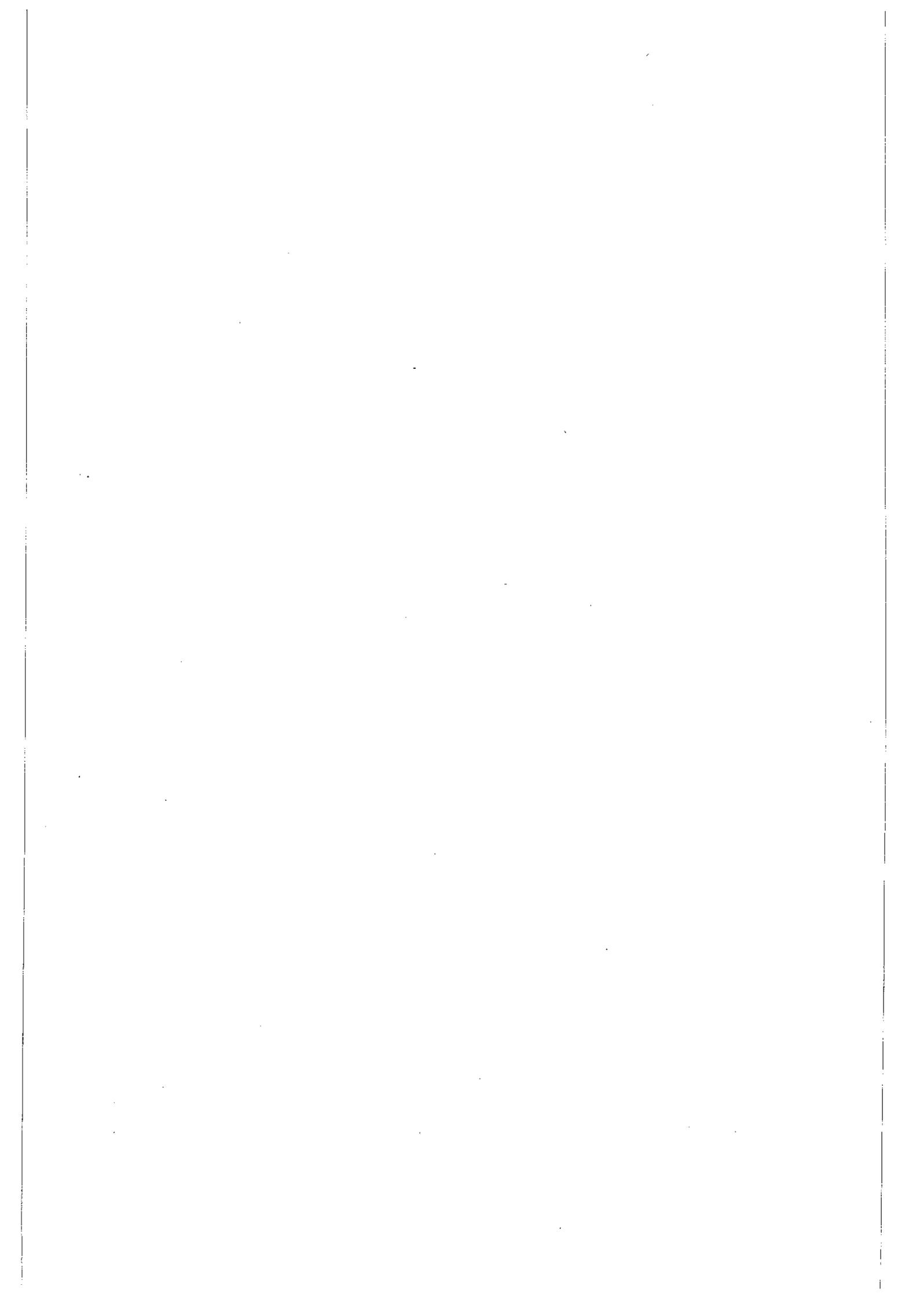
### Distributor:

## Takeuchi Mfg. (U.S.), Ltd.

Northeast Atlanta Industrial Park, 4400-E Bankers Circle, Atlanta, GA 30360  
Telephone: (404) 447-6670







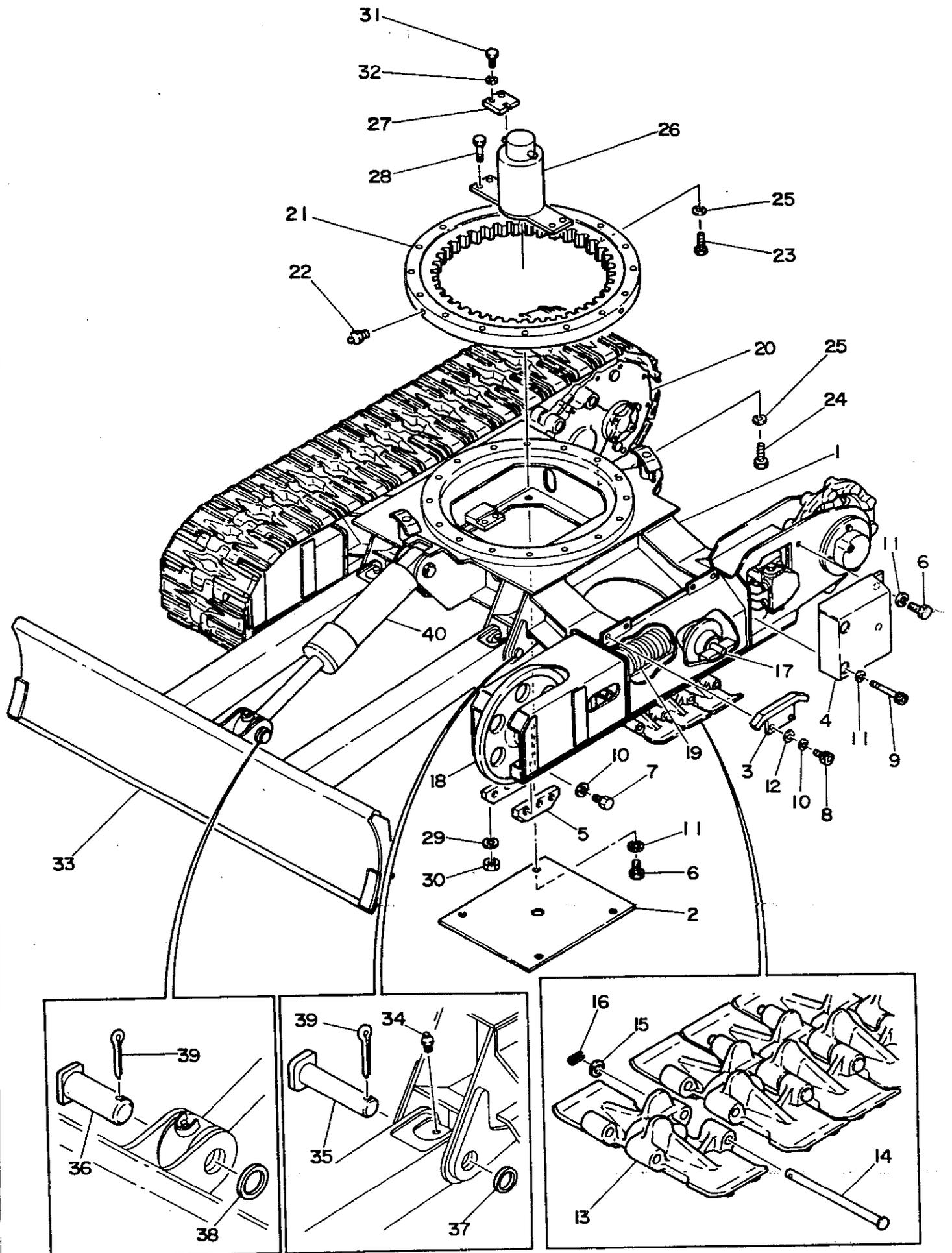
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FIG. 38	TRIANGULAR SHOE
FIG. 39	RUBBER SHOE
FIG. 40	BUCKET
FIG. 41	EJECTOR BUCKET

FIG. 02 LOWER MACHINE



Item	PARTS NUMBER	DESCRIPTION	Q'ty	REMARKS
1	00910-28100	FRAME	1	
2	00810-01300	COVER	1	
3	00810-01100	SLIDE	4	
4	00810-10300	COVER	2	
5	00910-28200	GUIDE	4	
6	11000-41015	BOLT	8	
7	11000-51030	BOLT	12	
8	11100-51020	BOLT, Socket	8	
9	11101-51000	BOLT, Socket	4	
10	11400-10010	WASHER, Spring	20	
11	11400-20010	WASHER, Spring	12	
12	11411-10010	WASHER, Plain	8	
0-1	19140-01300	SHOE ASSY, Track	2	
13	19140-01101	★SHOE	36	
14	19140-00102	★PIN, Track	36	
15	19140-00103	★WASHER	36	
16	12130-00620	★PIN, Spring	36	
17	01613-90000	ROLLER ASSY, Track	8	
18	00814-90000	IDLER ASSY, Front	2	
19	00815-90000	TENSION, Track	2	
20	00916-90000	GEARBOX, Track	2	
21	19130-24000	BEARING, Slew	1	
22	15600-10001	★NIPPLE, Grease	4	
23	11010-51260	BOLT	16	
24	11000-51255	BOLT	16	

NOTE #257 ~

Item	PARTS NUMBER	DESCRIPTION	Q'ty	REMARKS
25	11415-40012	WASHER	32	
26	19040-01900	JOINT, Swivel	1	
27	01321-04100	STOPPER	1	
28	11010-51245	BOLT	4	
29	11400-10012	WASHER, Spring	4	
30	11305-40012	NUT	4	
31	11010-51430	BOLT	2	
32	11400-10014	WASHER, Spring	2	
33	00963-10100	BLADE	1	
34	15600-01675	NIPPLE, Grease	2	
35	00010-30144	PIN	2	
36	00010-40106	PIN	2	
37	00030-30000	COLLAR	AR	
	00030-30001	COLLAR	AR	
	00030-30002	COLLAR	AR	
	00030-30003	COLLAR	AR	
	00030-30004	COLLAR	AR	
	00030-30005	COLLAR	AR	
38	00030-40000	COLLAR	AR	
	00030-40001	COLLAR	AR	
	00030-40002	COLLAR	AR	
	00030-40003	COLLAR	AR	
	00030-40004	COLLAR	AR	
	00030-40005	COLLAR	AR	
39	12100-00850	PIN, Split	4	

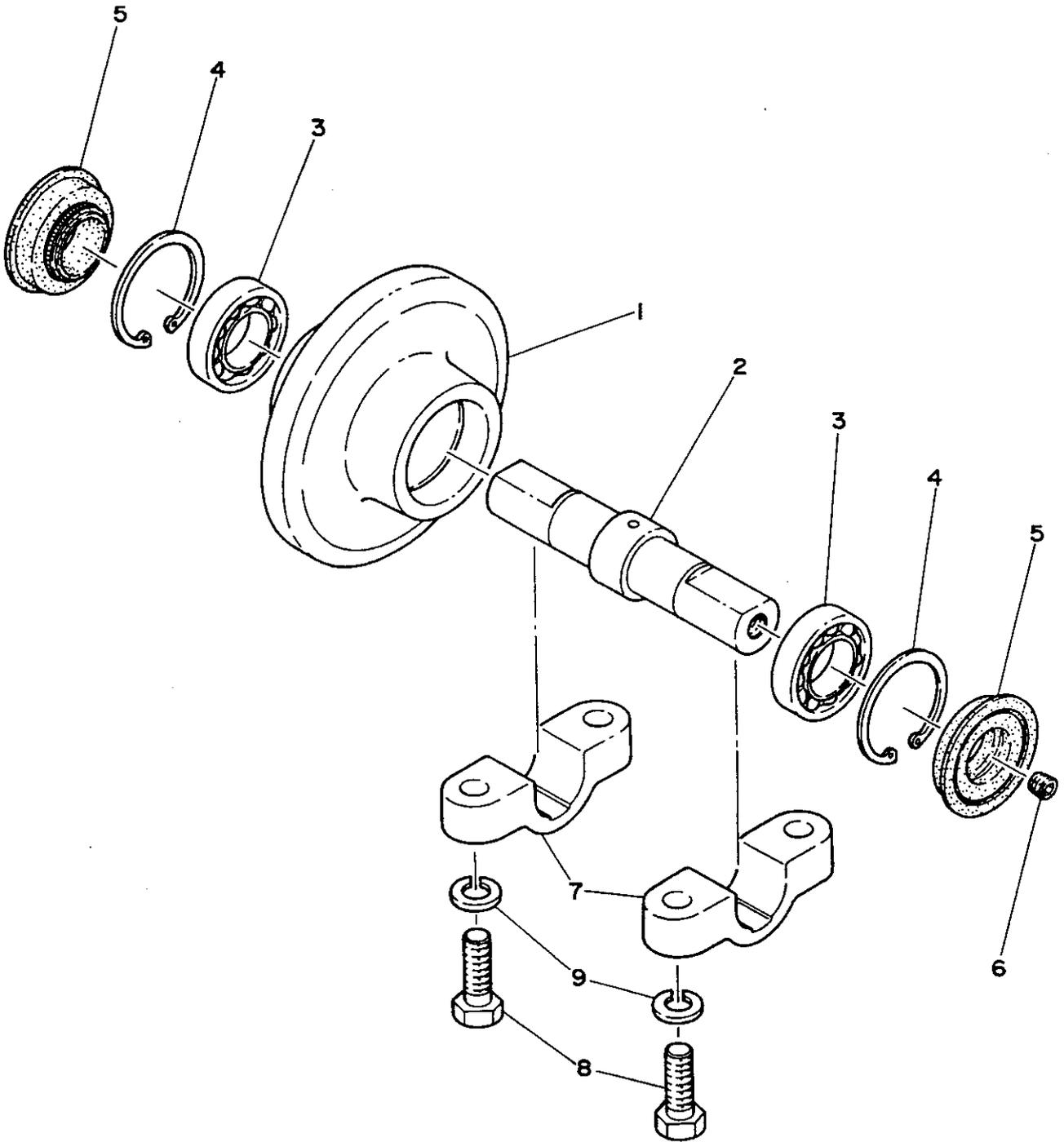
NOTE #257 ~

Item	PARTS NUMBER	DESCRIPTION	Q'ty	REMARKS
40	19000-09500	CYLINDER, Blade	1	

NOTE

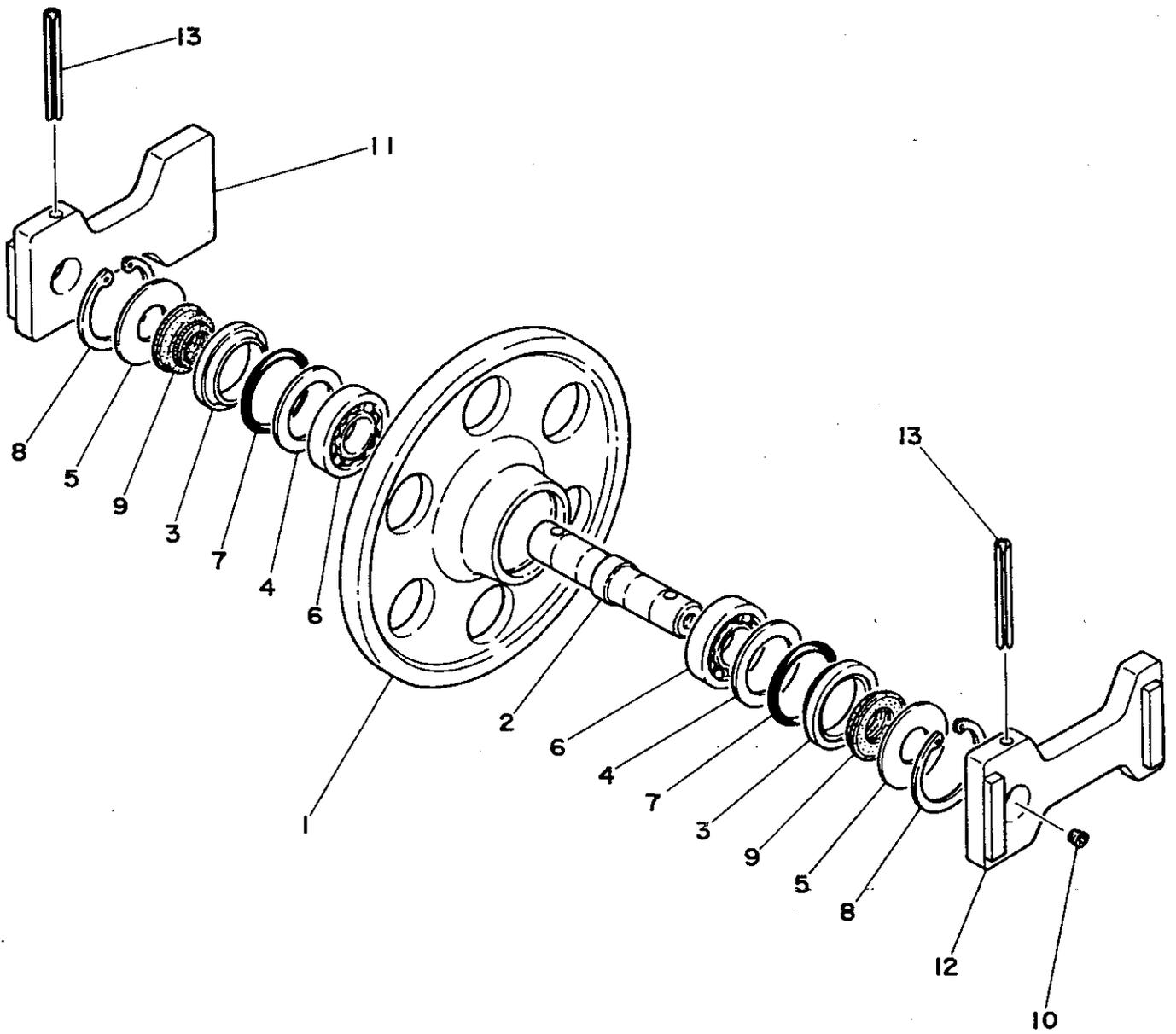
#257 ~

FIG. 03 TRACK ROLLER



Item	PARTS NUMBER	DESCRIPTION	Q'ty	REMARKS
0-1	01613-90000	ROLLER ASSY, Track	8	
1	01613-08100	★ROLLER	1	
2	01613-08200	★SHAFT	1	
3	13000-06006	★BEARING	2	
4	12210-00055	★RING, Snap	2	
5	14312-03055	★SEAL, Oil	2	
6	15018-20001	★PLUG	1	
7	01613-08300	BRACKET	16	
8	11010-51235	BOLT	32	
9	11400-10012	WASHER, Spring	32	

FIG. 04 FRONT IDLER

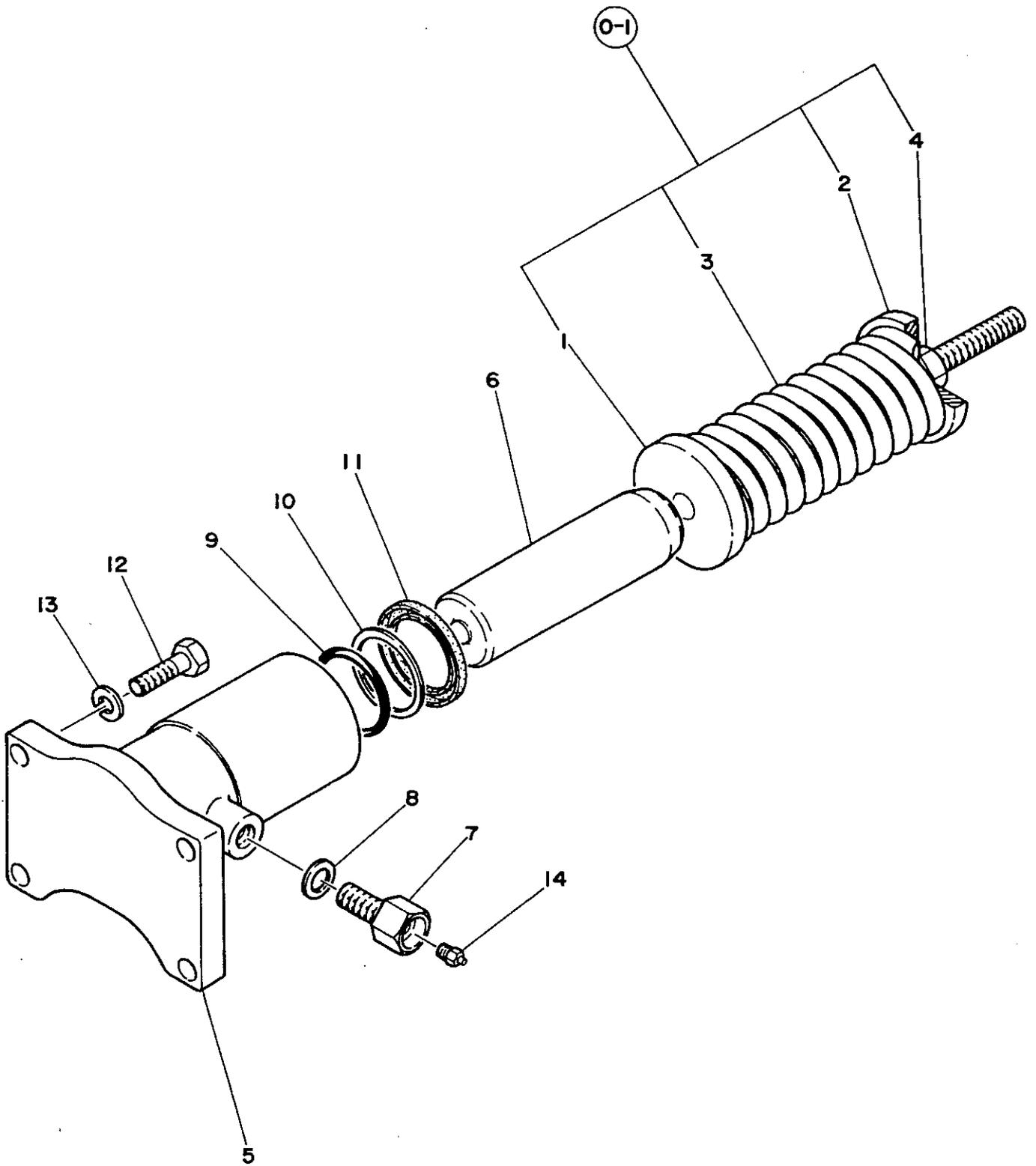


Item	PARTS NUMBER	DESCRIPTION	Q'ty	REMARKS
0-1	00814-90000	IDLER ASSY, Front	2	
1	00814-00100	★IDLER	1	
2	00814-00200	★SHAFT	1	
3	01614-15600	★COLLAR	2	
4	01614-16300	★WASHER	2	
5	00036-36002	★WASHER	2	
6	13000-06307	★BEARING	2	
7	14200-00700	★O-RING	2	
8	12210-00080	★RING, Snap	2	
9	14312-03562	★SEAL, Oil	2	
10	15018-20001	★PLUG	1	
11	00814-00300	BLOCK (R. H. )	2	
12	00814-00400	BLOCK (L. H. )	2	
13	12131-01010	PIN, Spring	4	

NOTE

#4 ~

FIG. 05 TRACK TENSION

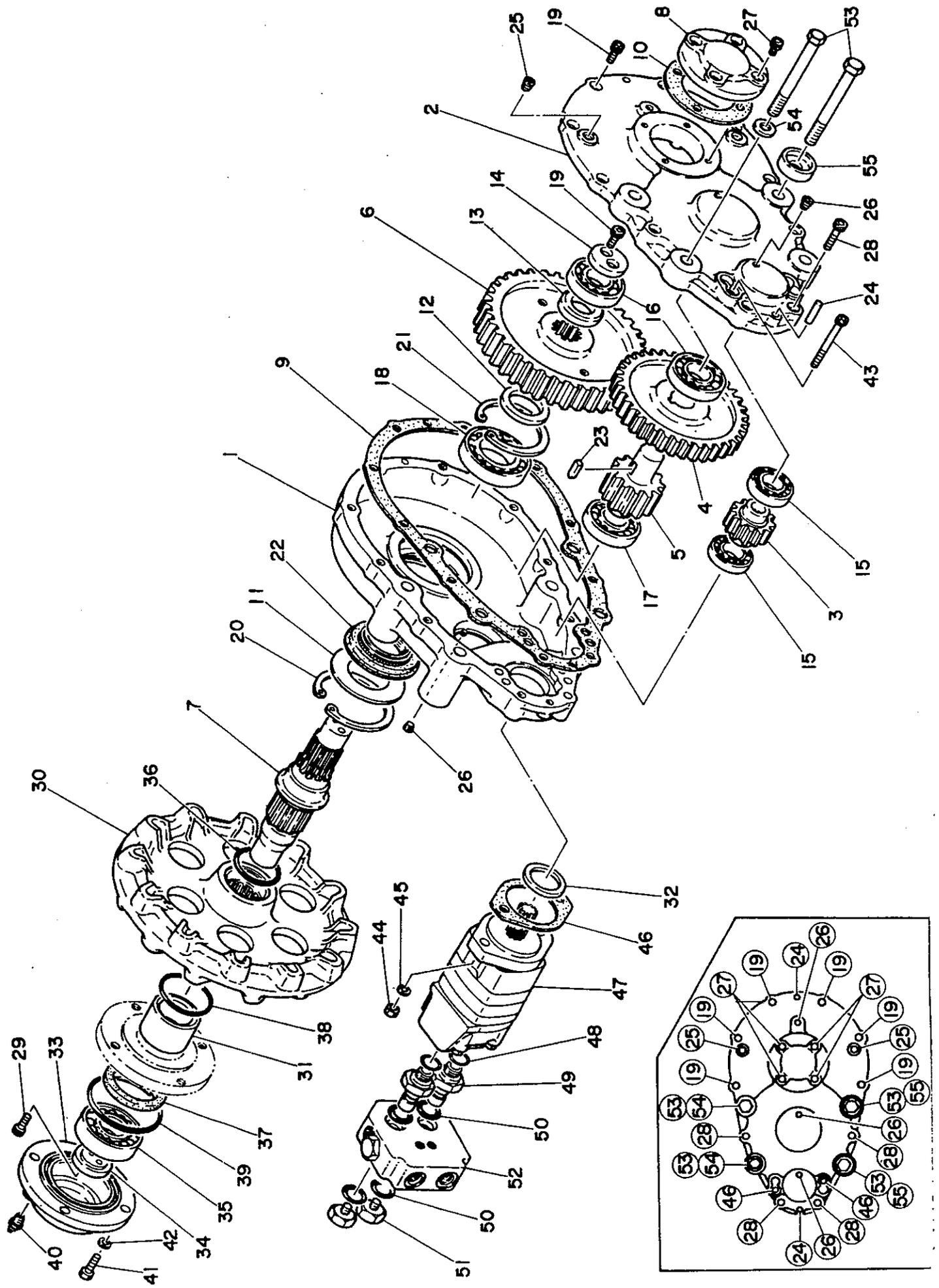


Item	PARTS NUMBER	DESCRIPTION	Q'ty	REMARKS
0-1	00815-90000	CUSHION ASSY	2	
1	00815-00400	★ROD ASSY	1	
2	00815-00500	★SEAT, Spring	1	
3	01615-06100	★SPRING	1	
4	11305-50016	★NUT	1	
5	00815-00100	CYLINDER (R. H. ), Grease	1	
5-1	00815-00200	CYLINDER (L. H. ), Grease	1	
6	02215-20300	PISTON	2	
7	15413-01601	VALVE ASSY, Check	2	
8	15412-01616	PACKING	2	
9	14200-10500	O-RING	2	
10	14210-20500	RING, Back-up	2	
11	14004-02835	SEAL, Oil	2	
12	11010-51040	BOLT	8	
13	11400-10012	WASHER, Spring	8	
14	15600-01000	NIPPLE, Grease	2	

NOTE

#4 ~

FIG. 06 TRACK GEARBOX

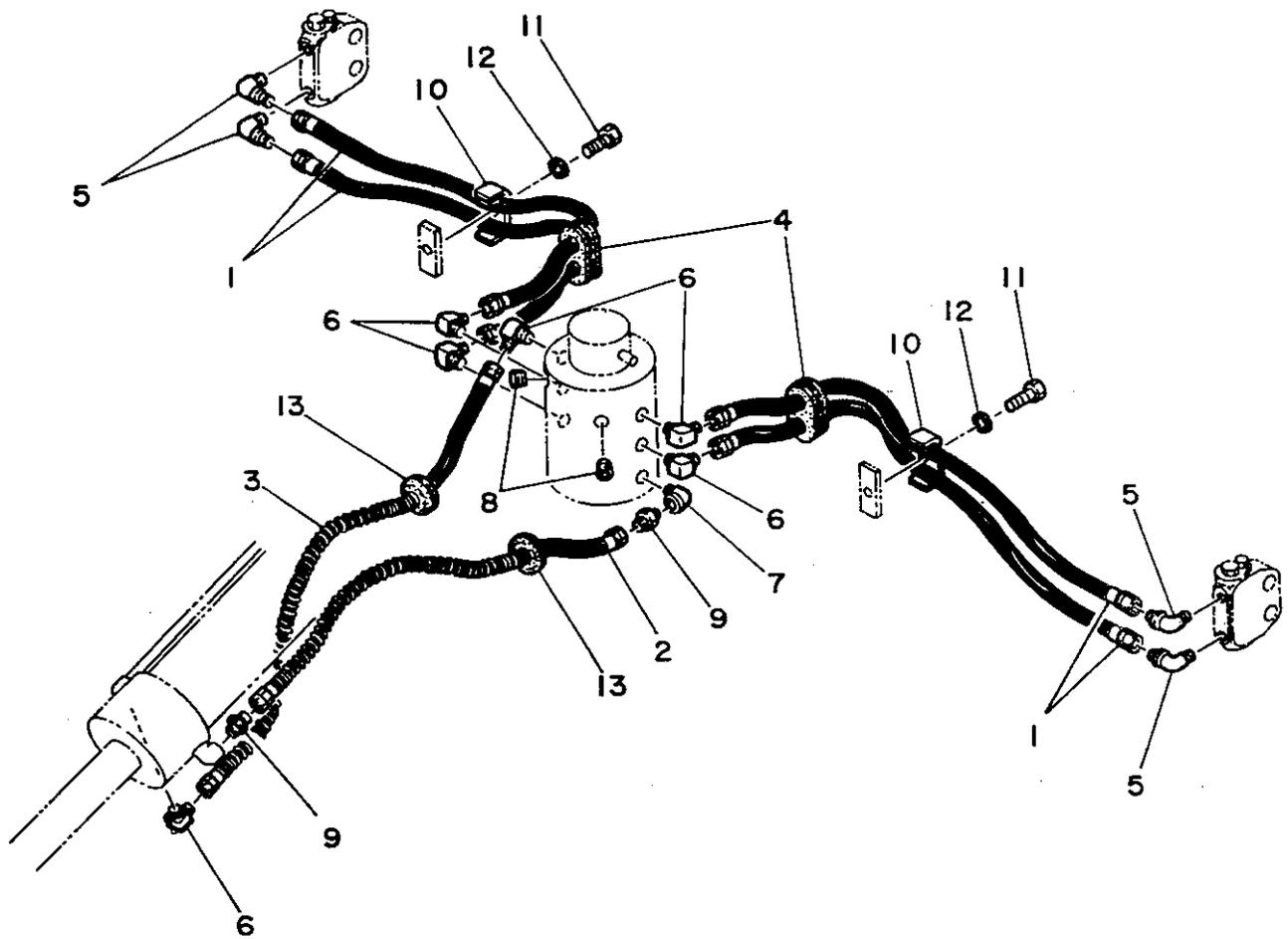


Item	PARTS NUMBER	DESCRIPTION	Q'ty	REMARKS
0-1	00916-90000	GEARBOX ASSY	2	
1	00916-20100	★CASE	1	
2	00916-10200	★COVER	1	
3	00916-10300	★GEAR	1	
4	00916-10400	★GEAR	1	
5	01316-00500	★GEAR	1	
6	01316-00600	★GEAR	1	
7	00916-20700	★SHAFT	1	
8	00916-00900	★COVER	1	
9	00916-11100	★GASKET	1	
10	00916-01200	★GASKET	1	
11	00030-00010	★WASHER	1	
12	00030-51570	★COLLAR	1	
13	00039-00008	★COLLAR	1	
14	00916-22000	★STOPPER	1	
15	13000-06007	★BEARING	2	
16	13000-06208	★BEARING	2	
17	13000-99208	★BEARING	1	
18	13000-99211	★BEARING	1	
19	11100-51020	★BOLT, Socket	6	
20	12210-00110	★RING, Snap	1	
21	12210-00100	★RING, Snap	1	
22	14312-06510	★SEAL, Oil	1	
23	12010-51025	★KEY	1	
24	12120-01036	★PIN, Dowel	2	

Item	PARTS NUMBER	DESCRIPTION	Q'ty	REMARKS
25	15018-20003	★PLUG	2	
26	15018-20001	★PLUG	4	
27	11100-51016	★BOLT, Socket	4	
28	11100-51045	★BOLT, Socket	4	
29	11100-51020	BOLT, Socket	2	
30	00916-22800	SPROCKET	1	
31	00916-21400	COLLAR	1	
32	00030-00017	WASHER	1	
33	01716-02400	COVER	1	
34	00916-22000	STOPPER	1	
35	13000-01308	BEARING	1	
36	14201-00600	O-RING	1	
37	14016-07088	SEAL, Oil	1	
38	14201-00700	O-RING	1	
39	14201-01000	O-RING	1	
40	15600-01000	NIPPLE, Grease	1	
41	11010-51230	BOLT	4	
42	11400-10012	WASHER, Spring	4	
43	11110-51290	BOLT, Socket	2	
44	11305-50012	NUT	2	
45	11415-40012	WASHER	2	
46	01716-01200	GASKET	1	
47	19030-01900	MOTOR ASSY	1	
48	14203-10910	O-RING	2	
49	00072-00011	FITTING	2	

Item	PARTS NUMBER	DESCRIPTION	Q'ty	REMARKS
50	14200-10250	O-RING	4	
51	00072-00009	PLUG	2	
52	19015-00500	VALVE	1	#104 ~
53	11011-51640	BOLT	4	
54	11415-40016	WASHER	2	
55	02116-22400	WASHER	2	

FIG. 07 PIPING, LOWER



Item	PARTS NUMBER	DESCRIPTION	Q'ty	REMARKS
1	19082-09075	HOSE ASSY	4	
2	19089-00001	HOSE ASSY	1	
3	19089-00002	HOSE ASSY	1	
4	00972-10300	GUARD	2	
5	15152-00333	ELBOW, 90°	4	
6	15111-00003	ELBOW, 90°	6	
7	15013-00003	ELBOW, 90°	1	
8	15018-20003	PLUG	2	
9	15110-00003	ADAPTOR	2	
10	01310-01200	CLAMP	2	
11	11000-41040	BOLT	2	
12	11400-30010	WASHER, Spring	2	
13	16520-02502	GROMMET	2	



Item	PARTS NUMBER	DESCRIPTION	Q'ty	REMARKS
1	00930-41000	TURNTABLE	1	
2	00026-00003	★BUSHING	2	
3	00930-10800	★COVER	1	
4	11000-50816	★BOLT	4	
5	11400-10008	★WASHER, Spring	4	
6	00922-10100	PIN, Lock	1	
7	15325-20601	CONNECTOR	3	
8	15326-20601	ELBOW, 90°	1	
9	15320-20600	TUBE	2	
10	15600-01000	NIPPLE, Grease	2	
11	00933-01100	SHAFT	1	
12	00932-21100	BOOT	1	
13	00050-08090	ROD	1	
14	00056-08035	YOKE	1	
15	00055-05032	YOKE	1	
16	00040-08021	PIN	1	
17	00040-51117	PIN	1	
18	11000-50820	BOLT	2	
19	11300-50008	NUT	3	
20	11315-50008	NUT	1	
21	12140-00004	PIN, Snap	1	
22	12140-00006	PIN, Snap	1	
23	13320-01518	MINI-PILLOW	2	
24	11000-50616	BOLT	4	
25	11400-10006	WASHER, Spring	4	

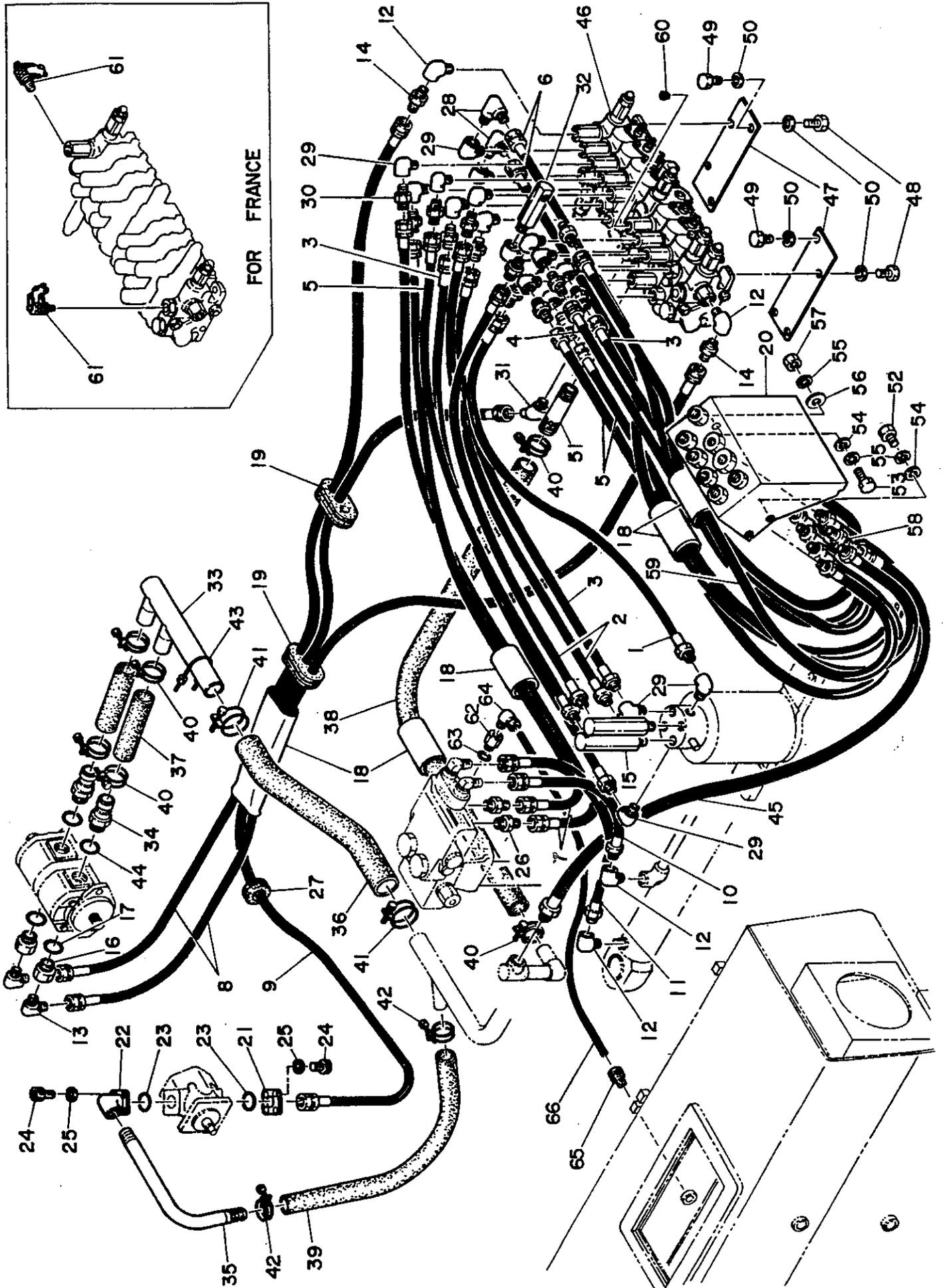
NOTE #34~

Item	PARTS NUMBER	DESCRIPTION	Q'ty	REMARKS
1	19090-08045	HOSE ASSY	1	
2	19090-08055	HOSE ASSY	2	
3	19090-08060	HOSE ASSY	3	
4	19090-08065	HOSE ASSY	1	
5	19090-08070	HOSE ASSY	3	
6	19090-08095	HOSE ASSY	2	
7	19091-08105	HOSE ASSY	2	
8	19082-09115	HOSE ASSY	2	
9	19082-09160	HOSE ASSY	1	
10	19080-09040	HOSE ASSY	1	
11	19080-09055	HOSE ASSY	1	
12	15013-00003	ELBOW, 90°	4	
13	15111-00003	ELBOW, 90°	2	
14	15110-00003	ADAPTOR	2	
15	00072-00055	ADAPTOR	2	
16	00072-00043	ADAPTOR	2	
17	14203-01910	O-RING	2	
18	15313-50450	TUBE	5	
19	00970-22400	GUARD	2	
20	00970-41100	JOINT	1	
21	00072-00071	FITTING	1	
22	15336-19006	FITTING	1	
23	14200-10200	O-RING	2	
24	11000-50620	BOLT, Socket	7	
25	11400-10006	WASHER, Spring	7	

NOTE #142 ~

Rev. ② Fig.10 1/3

FIG. 10 PIPING, UPPER



Item	PARTS NUMBER	DESCRIPTION	Qty	REMARKS
25	13331-01515	BUSHING	2	
26	16500-53508	GRIP	1	
27	11300-30008	NUT	1	

Item	PARTS NUMBER	DESCRIPTION	Q'ty	REMARKS
0-1	00923-90000	GEARBOX ASSY	1	
1	00923-00100	★CASE	1	
2	00923-10200	★PINION	1	
3	00030-36010	★COLLAR	1	
4	00923-10400	★COUPLING	1	
5	00036-35505	★COLLAR	1	
6	13003-06307	★BEARING	1	
7	13000-06307	★BEARING	1	
8	12220-16034	★SEEGER RING	1	
9	13000-06010	★BEARING	1	
10	12210-00080	★RING, Snap	1	
11	12120-01030	PIN, Dowel	1	
12	11010-51225	BOLT	6	
13	11415-40012	WASHER	10	
14	11100-51235	BOLT, Socket	4	
15	00072-00010	FITTING	2	
16	00072-00009	PLUG	2	
17	14203-10910	O-RING	2	
18	14200-10250	O-RING	6	
19	19030-01700	MOTOR ASSY	1	
20	19016-10700	VALVE	1	
21	19017-00900	VALVE	1	
22	00951-00100	LEVER	1	
23	00030-15005	COLLAR	1	
24	12200-00015	★RING, Snap	1	