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TB10S

BODY PARTS

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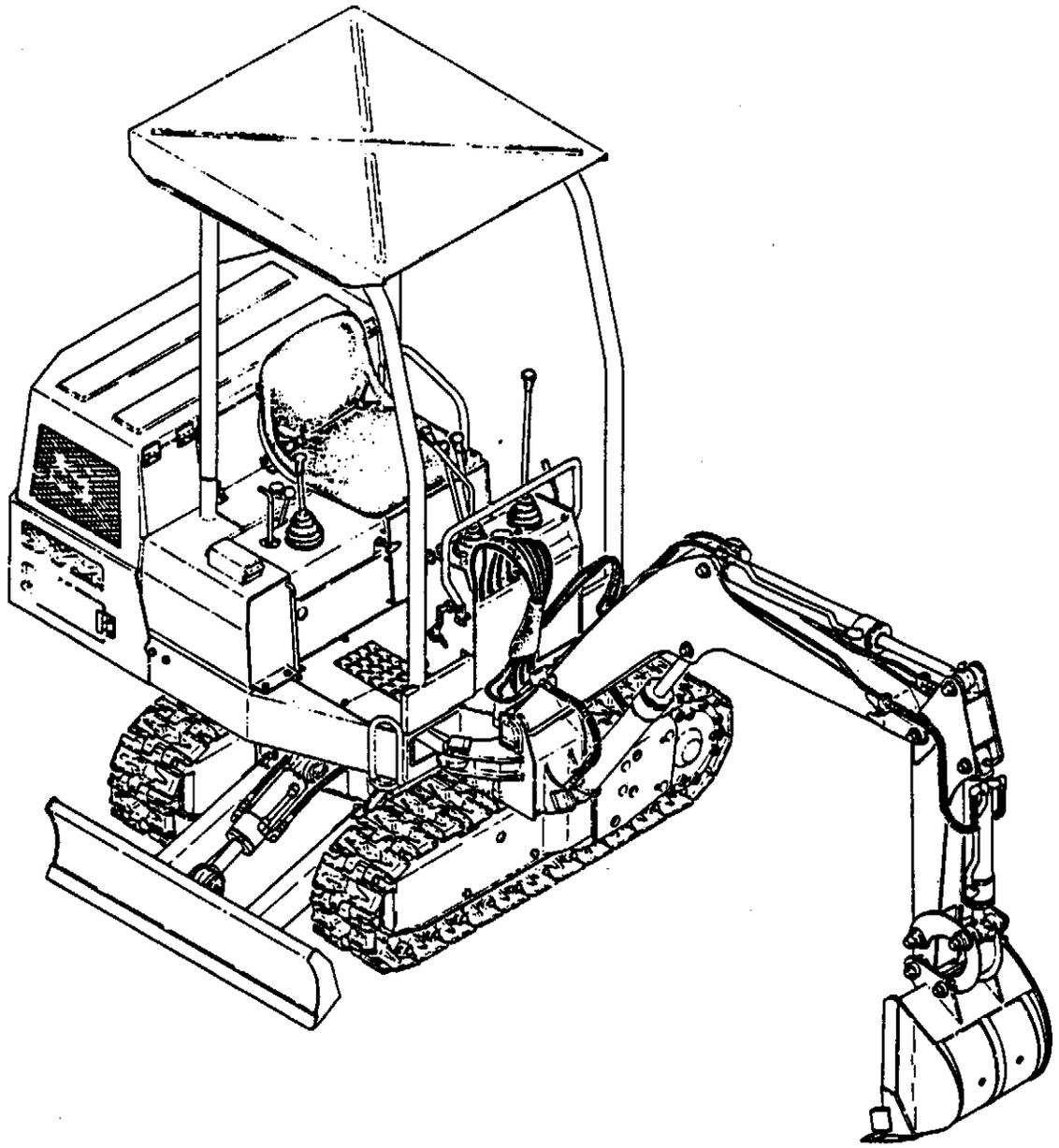
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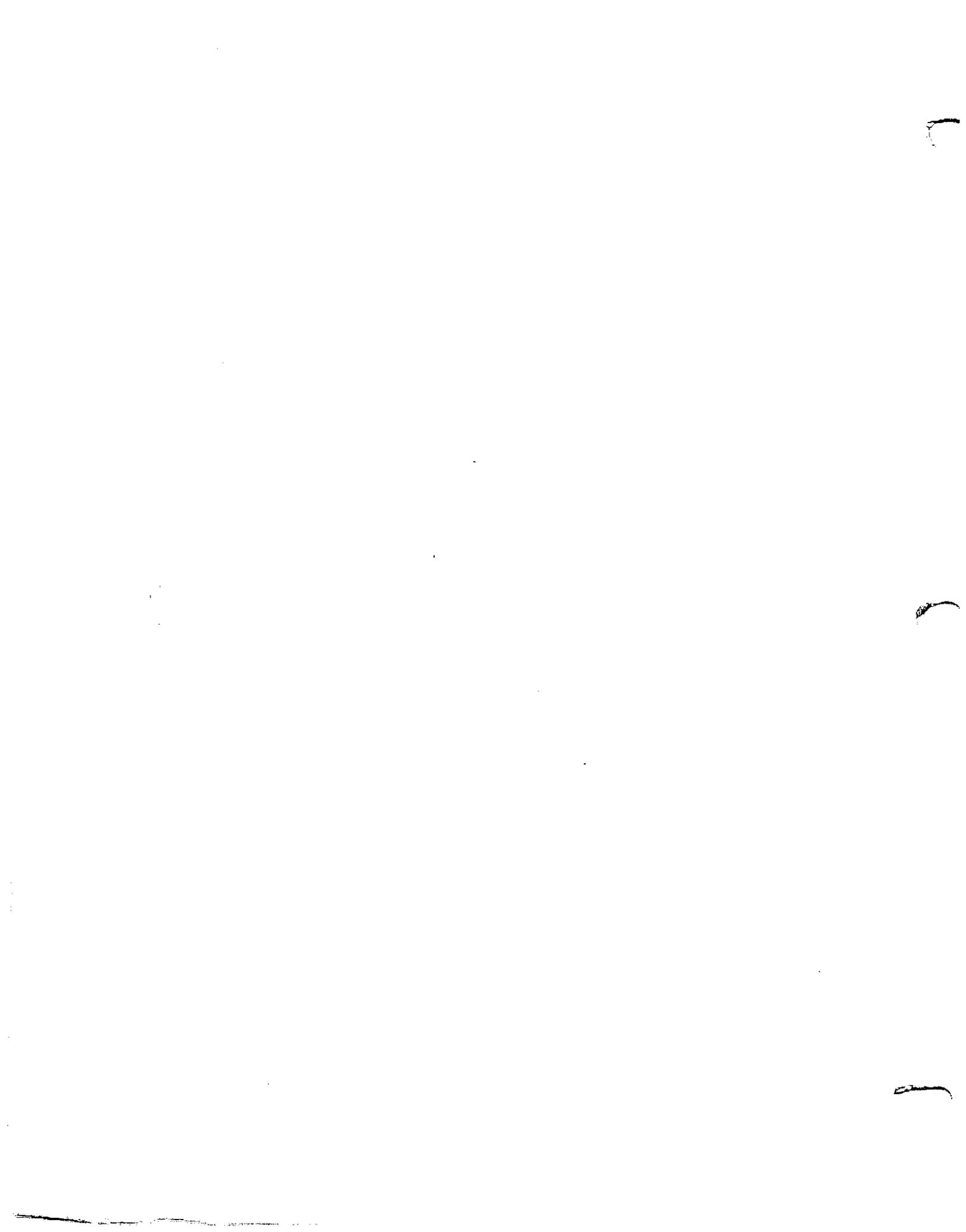
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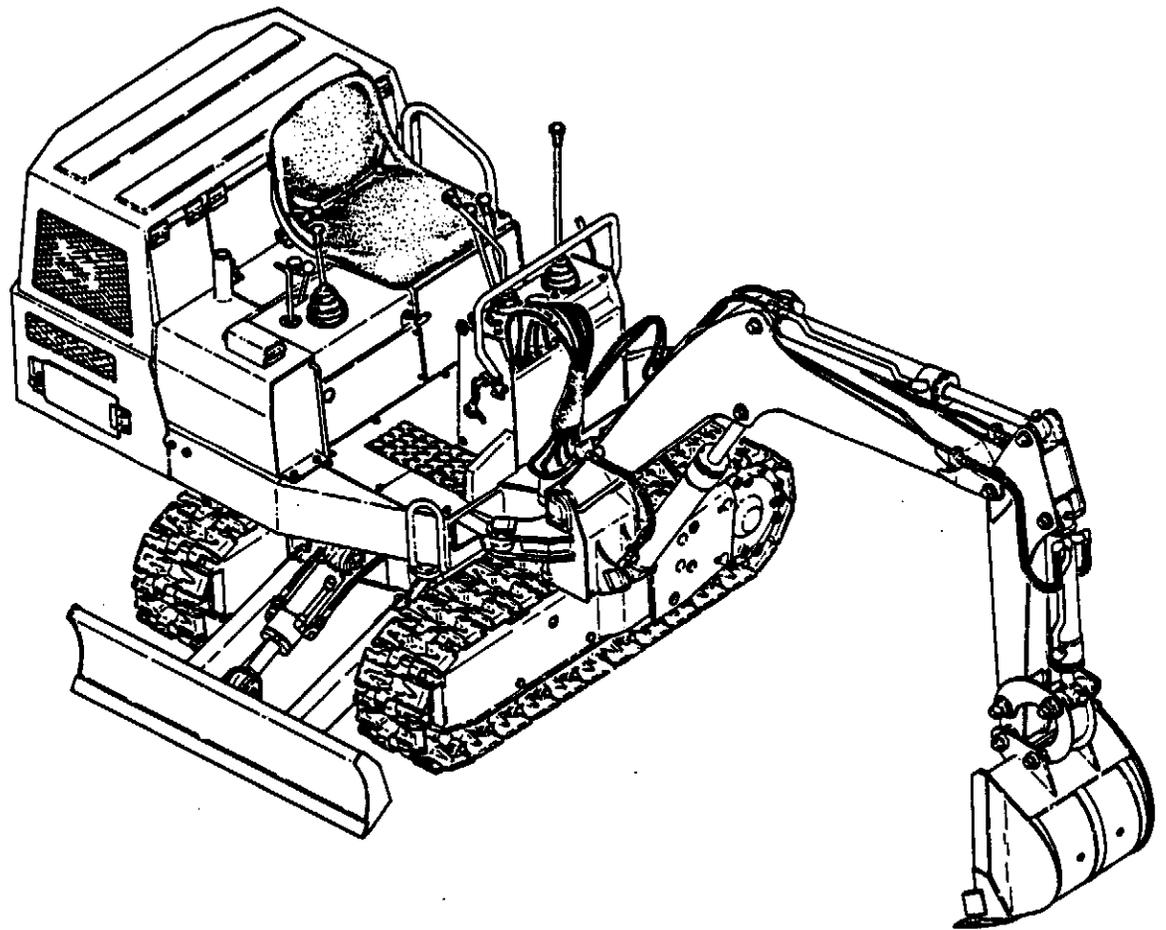
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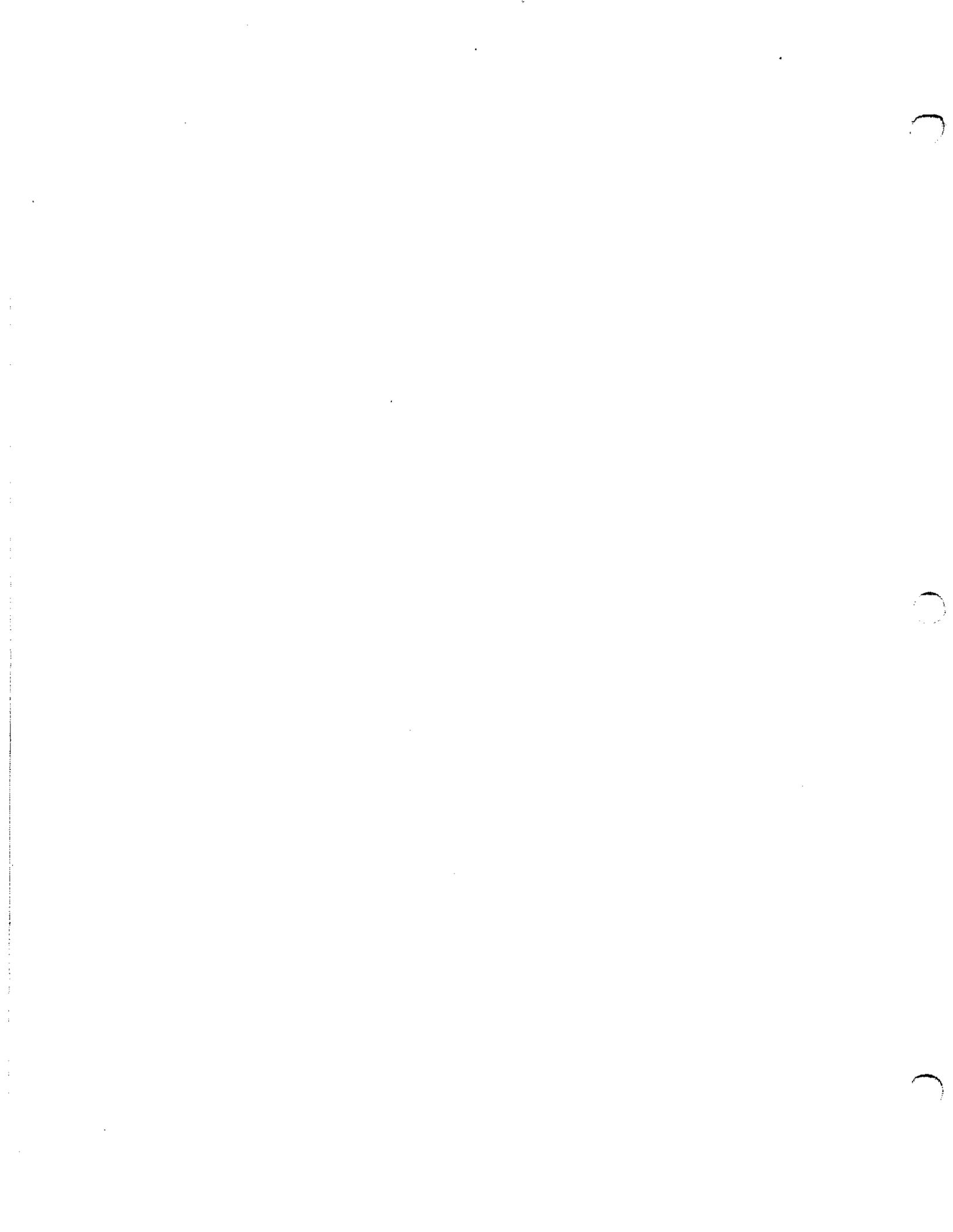
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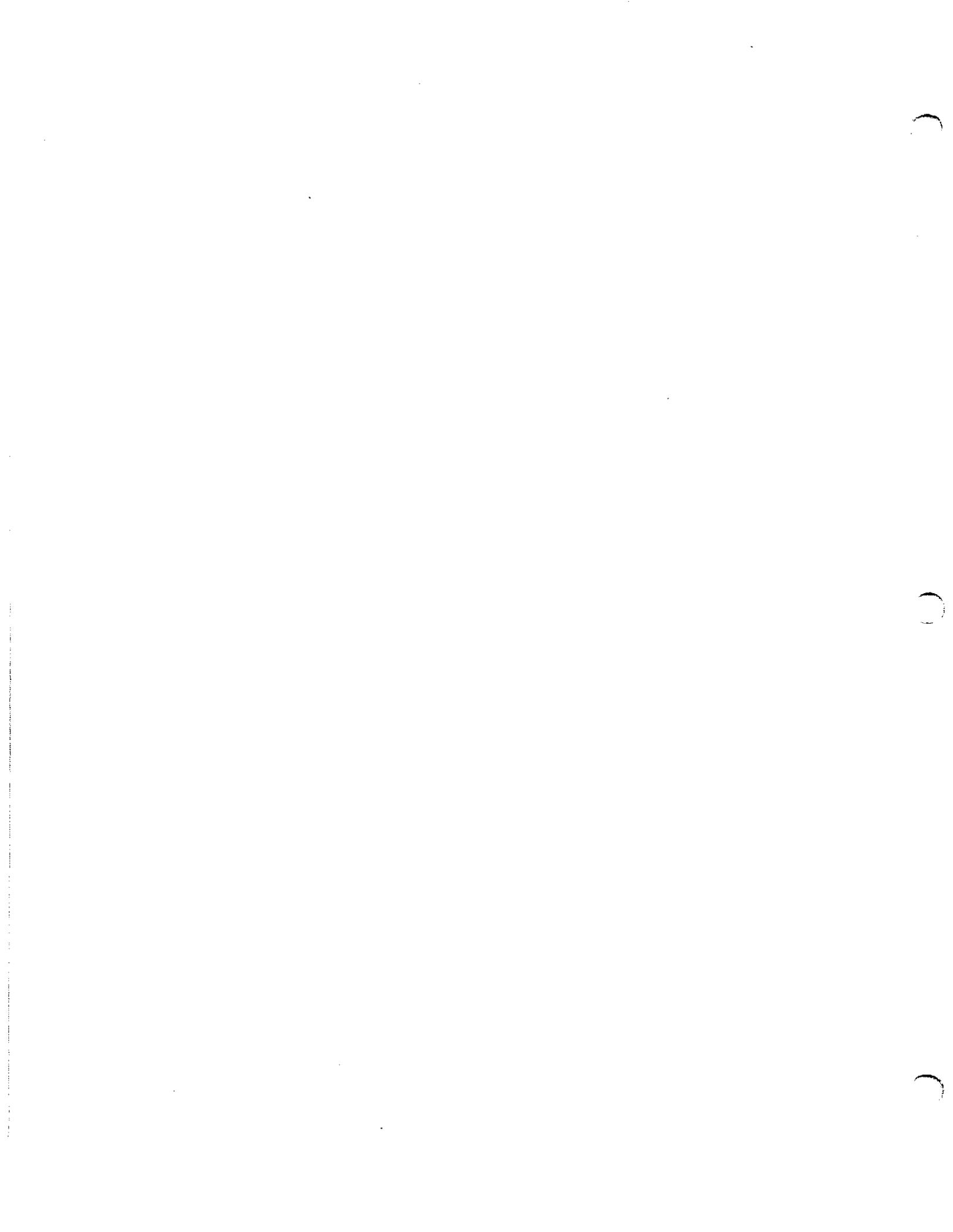
GENERAL INFORMATION

This Parts Catalog contains parts lists and indexed exploded views to provide replacement part information for Mini-Back Hoe, Model TE650S.

Illustration of each page is drawn under the same condition as the figure of the overall assembly of the model except Control Box, Engine Control, Bucket (Incl. optional Bucket), and Hydraulic devices.

"Right Hand", "Left Hand", "Front", and "Rear" sides of the upper machine section are determined by sitting the operator's seat facing the control levers.

"Rear" side of the lower machine section is determined by the traction motor.



HOW TO ORDER PARTS

When ordering machine parts you are requested to mention clearly the number, the description, and the quantity of parts in demand together with the model and the serial number of the machine.

For example

TB650S	10027	19081-09095	HOSE	2
↓	↓	↓	↓	↓
MODEL	SERIAL NUMBER	PARTS NUMBER	DESCRIPTION	ORDERING QUANTITY

HOW TO USE THIS PARTS CATALOG

Item Item shows the referring number appended to each part in illustrations for the index of parts.

PARTS NUMBER Parts No. shows the number proper to each part. A part with its number prefixed with "X" will not be supplied.

DESCRIPTION Description shows the name proper to each part. Component parts of assembling parts are shown with "*"marks and

are shown below of assembling parts, and which indicates daughter parts or grand daughter parts of parental relation.

Q' ty Q' ty shows the quantity used for one machine, however Q' ty of component parts shows the Q' ty used for one assembling parts. For certain parts an A. R. will be shown in the quantity column. This A. R. indicates the quantity to be used is "As required".

REMARKS Other essential particulars are put down. A number after "#" shows the serial number of the machine on which the part is used.

NOTE This column is provided only case of need.

Rev. ○ When changes to this book are necessary, revised pages will be issued with the same Fig. number as those they replace and the Rev. number in the circle (Rev. ①, Rev. ②, Rev. ③) will be advanced.

Interchangeability "↓↑" mark after description indicates the interchangeability between the part with this mark and one part just above or below it.

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LOWER MACHINE

- FIG. 01 LOWER FRAME
- FIG. 02 TRACK SHOE
- FIG. 03 TRACK ROLLER
- FIG. 04 FRONT IDLER
- FIG. 05 TRACK TENSION
- FIG. 06 TRACK GEARBOX
- FIG. 07 BLADE
- FIG. 08 PIPING, LOWER

UPPER MACHINE, 1

- FIG. 09 SLEW GEARBOX
- FIG. 10-1 TURNTABLE
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- FIG. 10-2 TURNTABLE
#193 ~ (with breaker circuit)
- FIG. 11-1 CONTROL LEVER, TRACTION J.C.B. type
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- FIG. 11-2 CONTROL LEVER, TRACTION J.C.B. type
#396 ~ (rectang.grip. without breaker circuit)
- FIG. 11-3 CONTROL LEVER, TRACTION Priestman type
#1 ~#395 (MM10 only,without breaker circuit)
- FIG. 11-4 CONTROL LEVER, TRACTION J.C.B. type
#193 ~#395 (without breaker circuit)
- FIG. 11-5 CONTROL LEVER, TRACTION J.C.B. type
#396 ~ (rectang.grip. with breaker circuit)
- FIG. 12-1 CONTROL LEVER, OPERATION J.C.B. type
#1 ~#395 (#192) (without breaker circuit)
- FIG. 12-2 CONTROL LEVER, OPERATION J.C.B. type
#396 ~ (grip with horn. without breaker circuit)
- FIG. 12-3 CONTROL LEVER, OPERATION Priestman type
#1 ~#395 (MM10 only,without breaker circuit)
- FIG. 12-4 CONTROL LEVER, OPERATION J.C.B. type
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#396 ~ (grip with horn. with breaker circuit)

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- FIG. 13-1 CONTROL LEVER, BLADE
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- FIG. 13-2 CONTROL LEVER, BLADE
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UPPER MACHINE. 2

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#176 ~
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#145. 174. 190. & #260 ~

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- FIG. 29-1 PIPING, HOE 1
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- FIG. 30 PIPING, HOE 2
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- FIG. 31-4 STICKERS (U.S.A.)
- FIG. 32-1 TOOLS
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- FIG. 32-2 TOOLS
#193 ~

HYDRAULIC DEVICES

- FIG. 33-1 SWIVEL JOINT
#1 ~#280 (except #261.263.268.269.270.271. &272)
- FIG. 33-2 SWIVEL JOINT
#261.263.268.269.270.271.272. #281 ~
- FIG. 34-1 CONTROL VALVE
#1 ~#192
- FIG. 34-2 CONTROL VALVE (fo Priestman type lever)
#1 ~#395 (#192) (MM10)
- FIG. 34-3 CONTROL VALVE
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- FIG. 35 BLADE VALVE
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- FIG. 36 CB. VALVE & S. B. VALVE
- FIG. 37 BOOM CYLINDER
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 #1 ~#230
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 #231 ~
- FIG. 41 SWING CYLINDER
- FIG. 42 HYDRAULIC MOTOR
- FIG. 43 HYDRAULIC PUMP

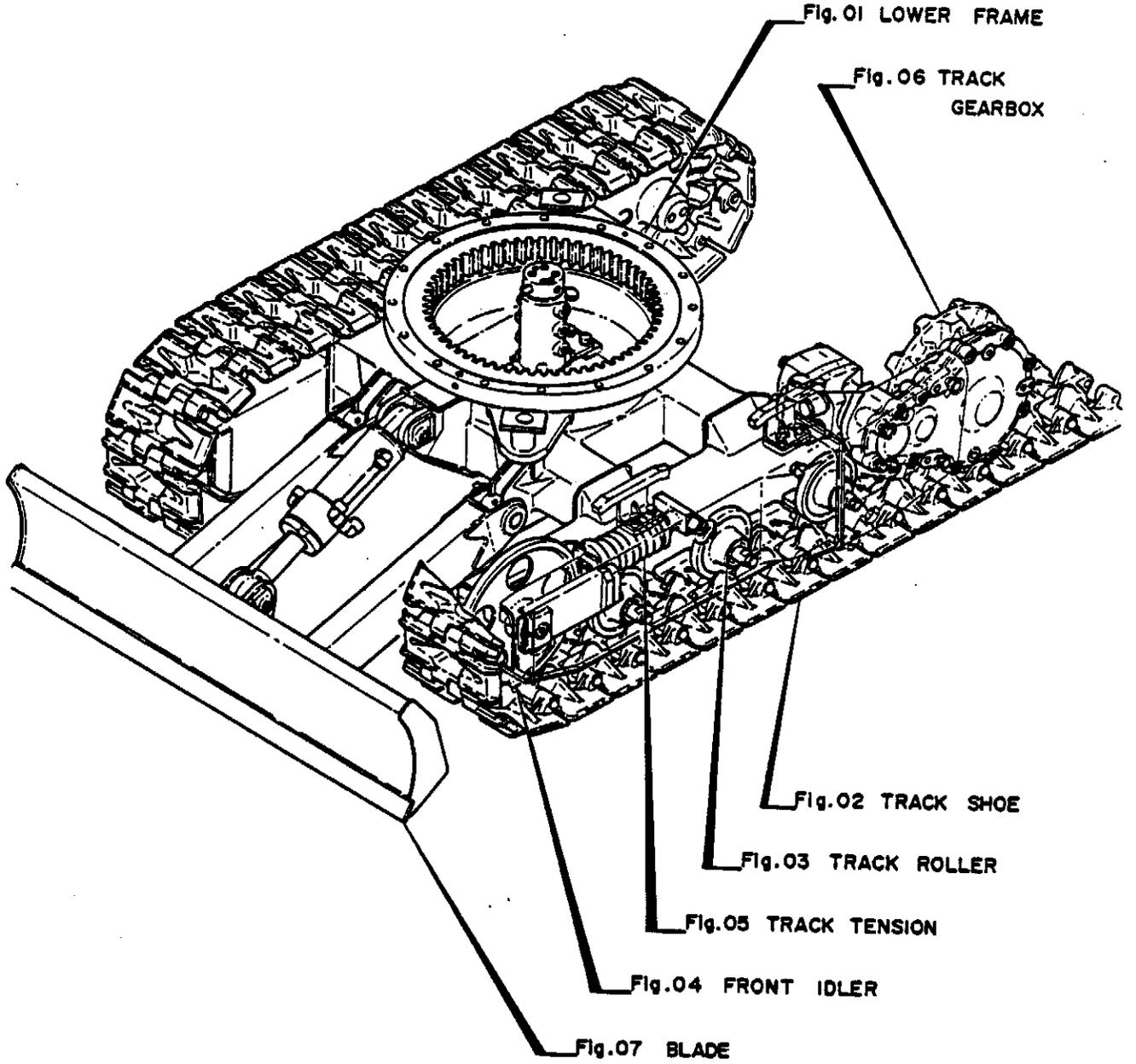
OPTIONS

- FIG. 44 RUBBER CRAWLER
- FIG. 45 BUCKET

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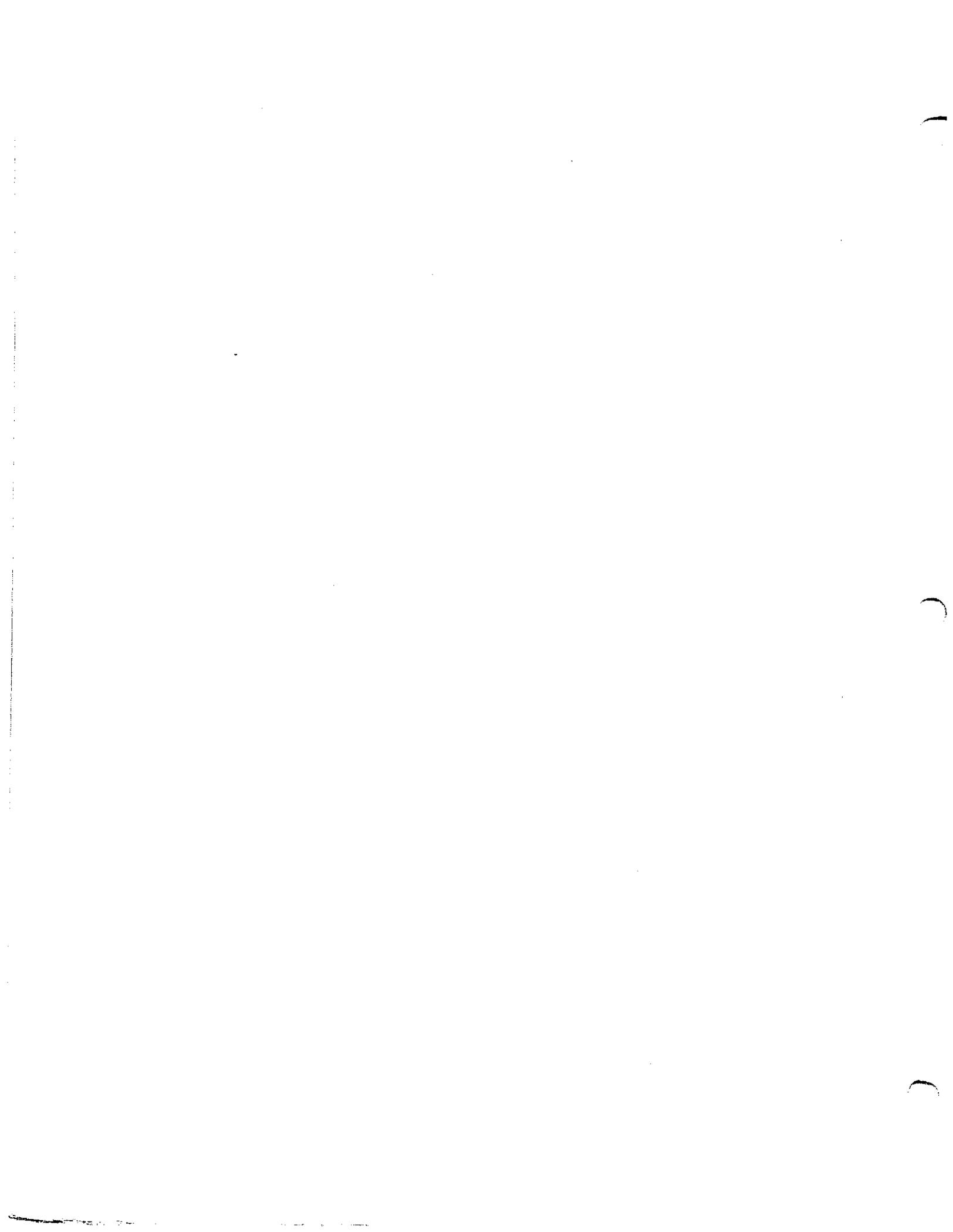
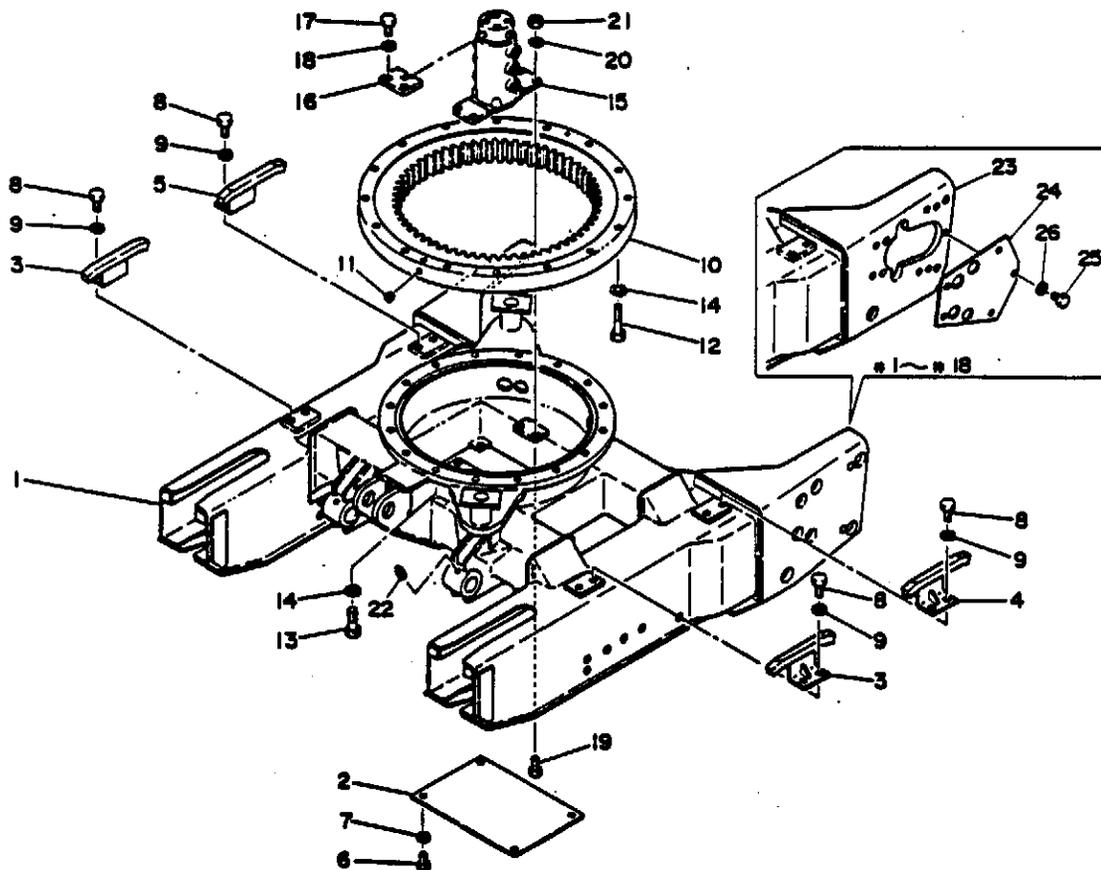
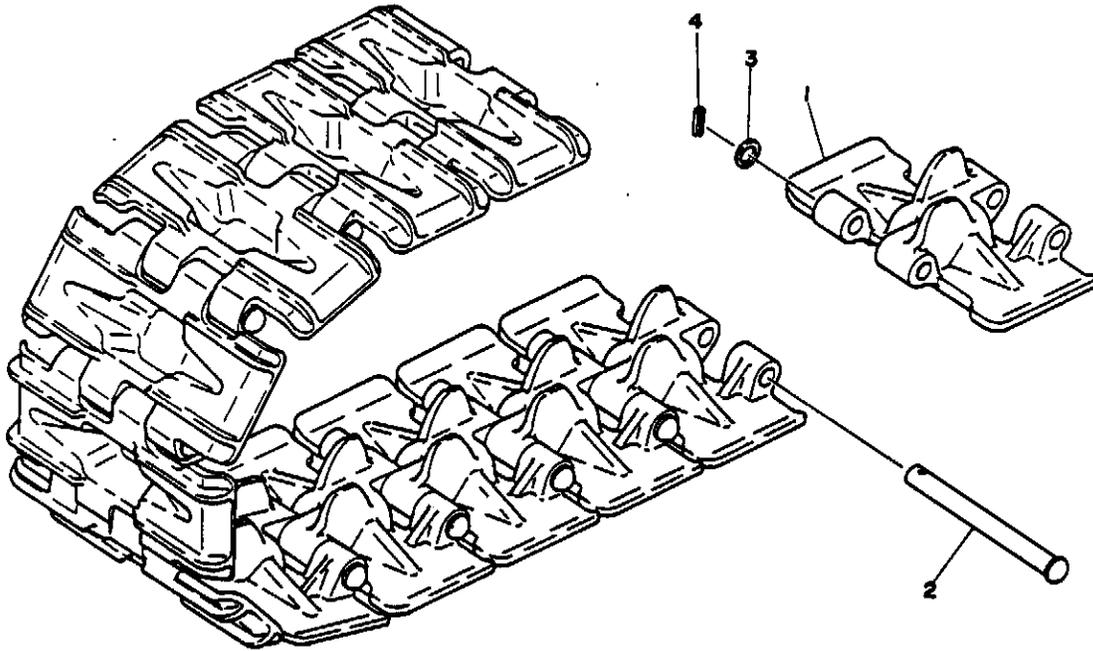


FIG. 01 LOWER FRAME



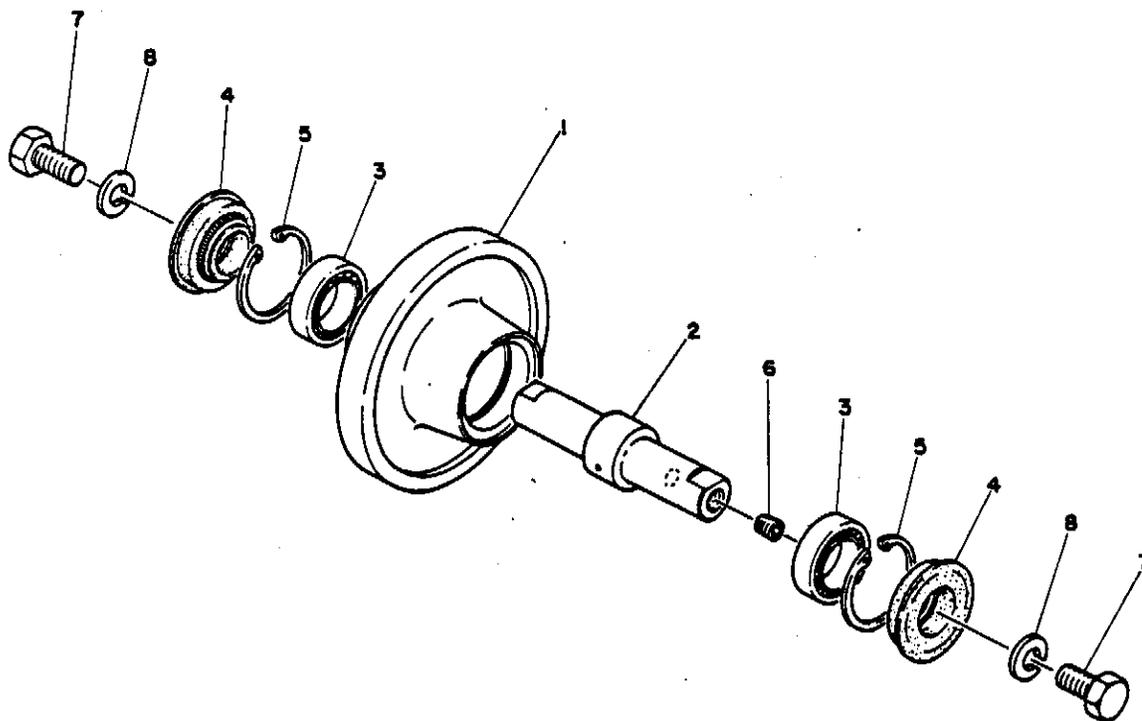
QTY	PARTS NUMBER	DESCRIPTION	QTY	REMARKS	QTY	PARTS NUMBER	DESCRIPTION	QTY	REMARKS
1	00710-00100	FRAME	1	#19-	2	11400-10008	WASHER, Spring	10	#1-#18
1	00710-01500	COVER	1						
2	00710-01700	SLIDE	2						
1	00710-01600	SLIDE (R. H)	1						
1	00710-01900	SLIDE (L. H)	1						
4	11000-50816	BOLT	4						
4	11400-10008	WASHER, Spring	4						
8	11000-51018	BOLT	8						
2	11400-10010	WASHER, Spring	2						
1	10130-01600	BEARING, Sleeve	1						
1	15018-20001	*PLUG	1						
16	11010-51260	BOLT	16						
16	11010-51245	BOLT	16						
2	11415-40012	WASHER	2						
1	13040-00800	JOINT, Swivel	1						
1	00721-00100	STOPPER	1						
2	11010-51225	BOLT	2						
2	11400-10012	WASHER, Spring	2						
4	11000-50825	BOLT	4						
4	11400-10008	WASHER, Spring	4						
4	11300-50008	NUT	4						
2	13600-01000	NIPPLE, Grease	2						
1	00710-00100	FRAME	1	#1-#18					
2	00710-01600	COVER	2	#1-#18					
10	11000-50816	BOLT	10	#1-#18					

FIG. 02 トラック シュー TRACK SHOE



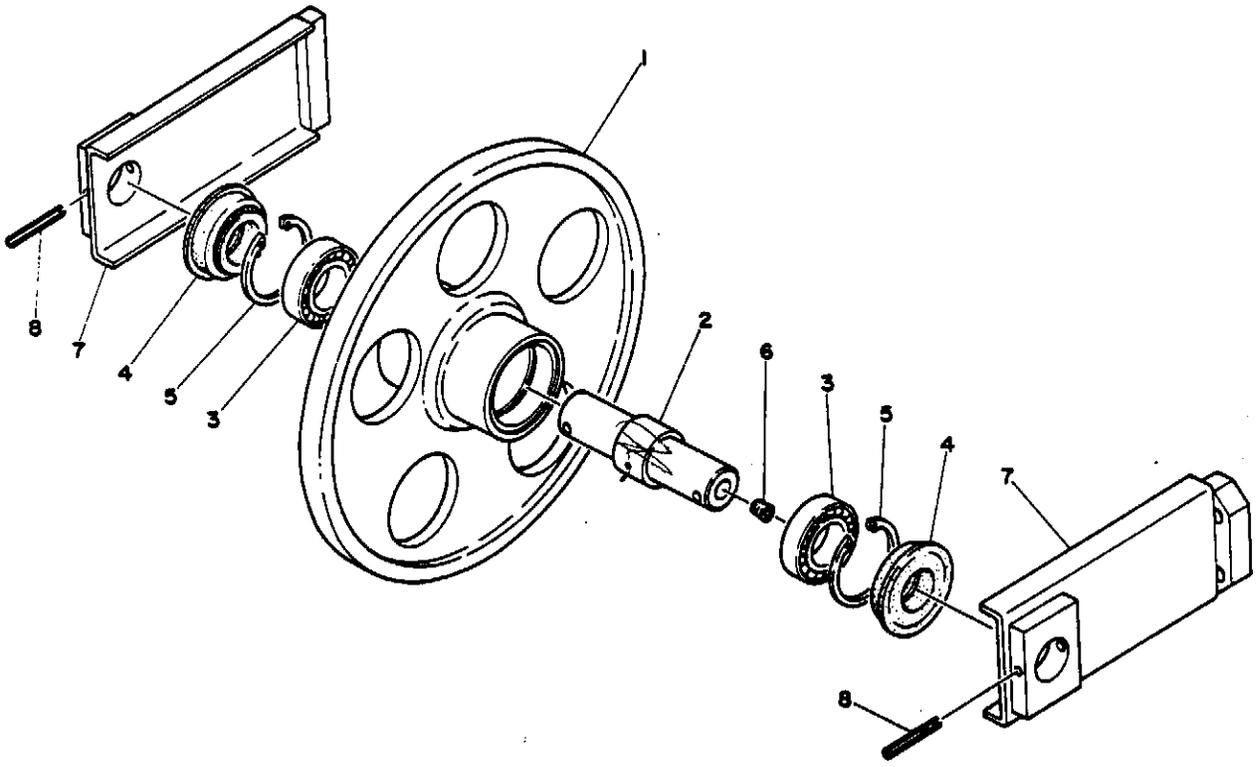
QTY	PARTS NUMBER	DESCRIPTION	QTY	REMARKS
01	19140-09100	SHOE ASSY. Track	3	
1	19140-09101	*SHOE	3	
2	19140-09102	*PIN. Track	3	
3	19140-09103	*WASHER	3	
4	12130-00620	*PIN. Spring	3	

FIG. 03 トラック ローラー TRACK ROLLER



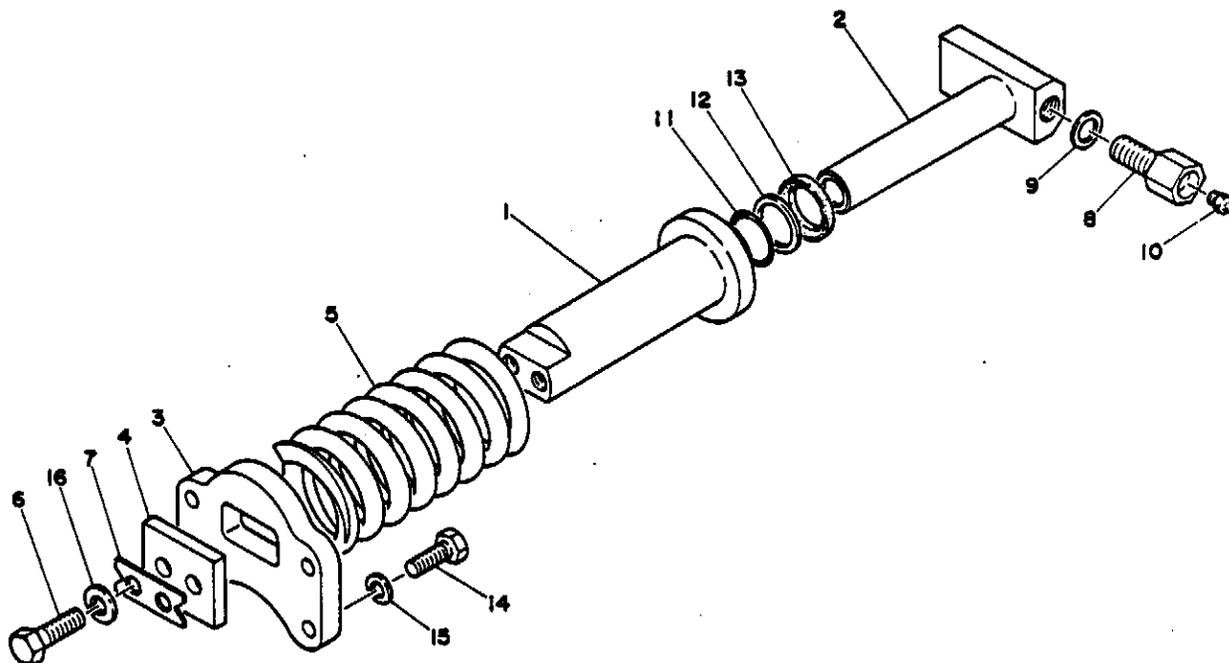
QTY	PARTS NUMBER	DESCRIPTION	QTY	REMARKS
01	00713-90000	ROLLER ASSY, Track	0	
1	00713-00100	*ROLLER	1	
2	00713-00200	*SHAFT	1	
3	13000-00005	*BEARING	2	
4	14310-02547	*SEAL Oil	2	
5	12210-00047	*RING Snap	2	
6	15018-20001	*PLUG	1	
7	11000-51225	BOLT	12	
8	11400-10012	WASHER Spring	12	

FIG. 04 フロント アイドラー FRONT IDOLER



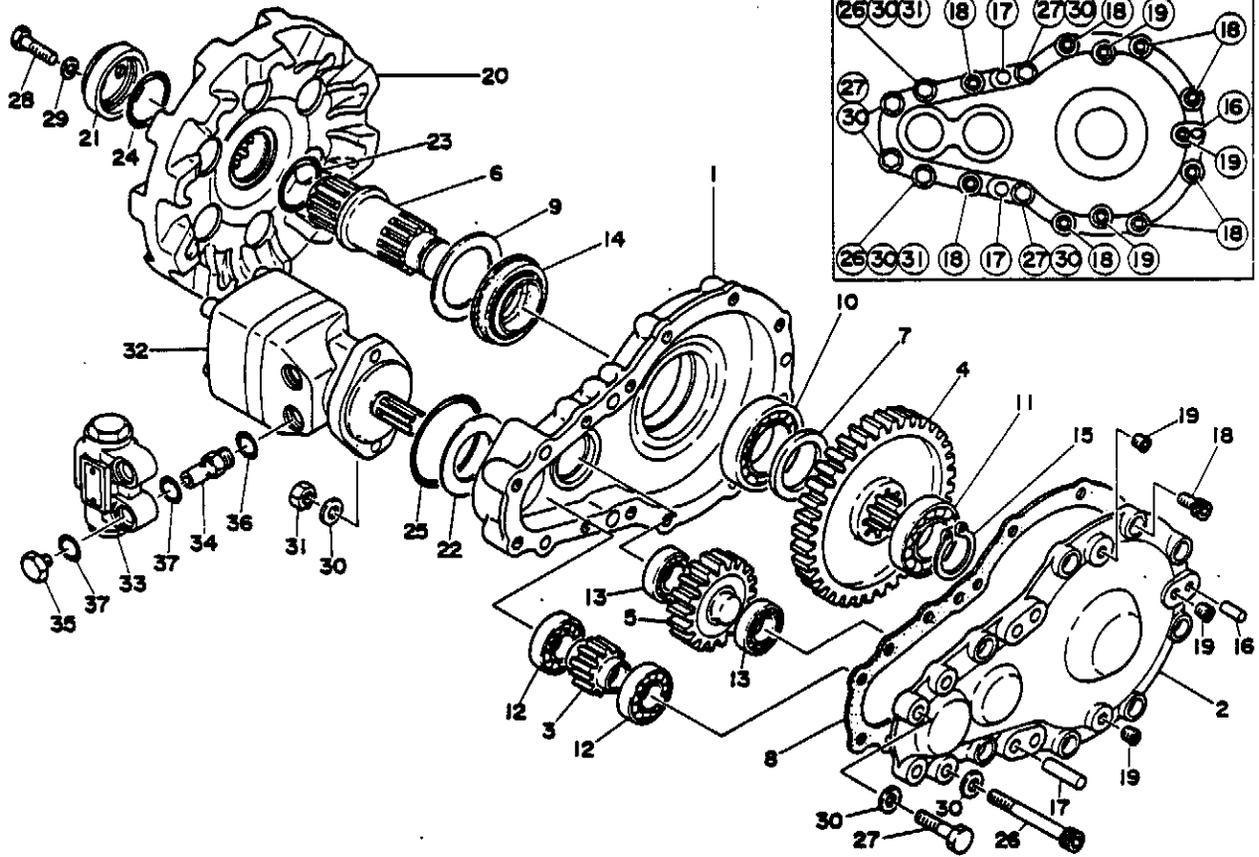
QTY	PARTS NUMBER	DESCRIPTION	QTY	REMARKS
01	00714-90000	IDLER ASSY. Front	2	
1	00714-00100	WIDLER	1	
2	00714-00200	WSHAFT	1	
3	13000-06006	WBEARING	2	
4	14312-03035	WSEAL OIL	2	
5	12210-00055	WRING Snap	2	
6	15010-20001	WPLUG	1	
7	00714-00300	WSLIDE	4	
6	12130-00645	WPIN Spring	4	

FIG. 05 TRACK TENSION



QTY	PARTS NUMBER	DESCRIPTION	QTY	REMARKS
	1	00715-01100 CYLINDER Grease	2	
	2	00715-01200 PISTON	2	
	3	00715-00300 PLATE	2	
	4	00715-00400 PLATE	2	
	5	00070-00018 SPRING	2	
	6	11010-51240 BOLT	4	
	7	00715-00600 PLATE Lock	2	
	8	15413-01601 VALVE ASSY. Check	2	
	9	15413-01610 PACKING	2	
	10	15600-01000 NIPPLE Grease	2	
	11	14200-10300 O-RING	2	
	12	14210-20300 RING Back-up	2	
	13	14004-01654 SEAL Oil	2	
	14	11000-51030 BOLT	8	
	15	11400-10010 WASHER Spring	8	
	16	11400-10012 WASHER Spring	4	

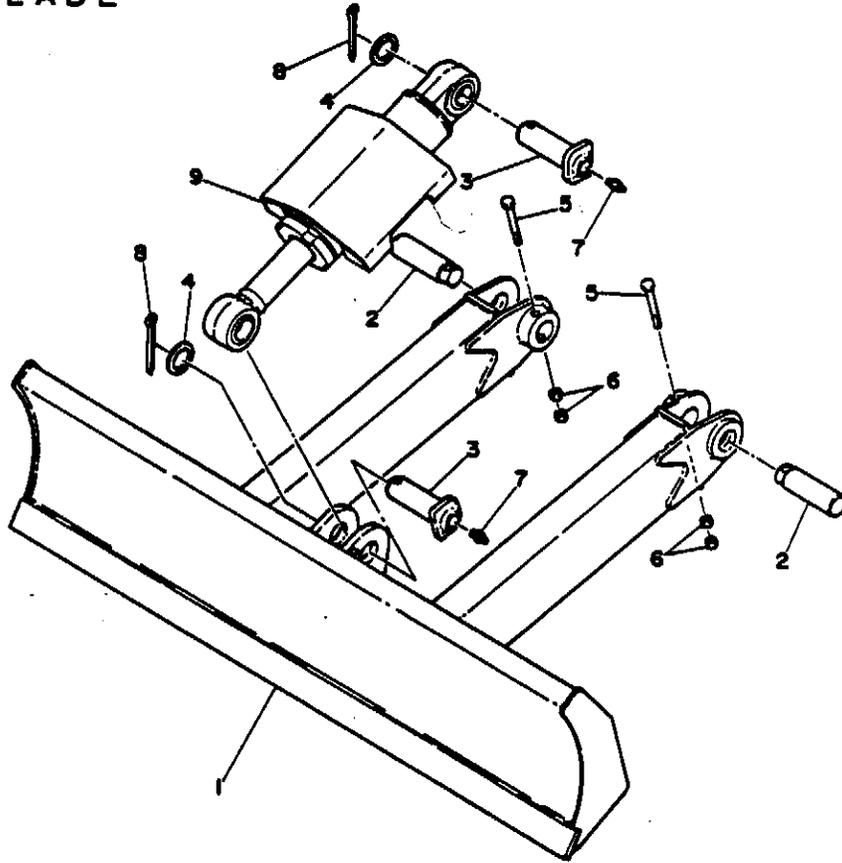
FIG-06 TRACK GEARBOX



QTY	PARTS NUMBER	DESCRIPTION	QTY	REMARKS
2	00716-00010	GEAR BOX ASSY	2	#11~
2	00716-00000	GEAR BOX ASSY	2	#1~#10
1	00716-00100	*CASE	1	
1	00716-00200	*COVER	1	
1	00716-00300	*GEAR	1	
1	00716-00400	*GEAR	1	
1	00716-00500	*GEAR	1	
1	00716-01100	*SHAFT	1	#11~
1	00716-00600	*SHAFT	1	#1~#10
1	00030 51570	*COLLAR	1	
1	00716-00900	*PACKING	1	
1	00716-01000	*WASHER	1	
1	13000-06210	*BEARING	1	
1	13000-06208	*BEARING	1	
2	13000-06007	*BEARING	2	
2	13000-06006	*BEARING	2	
1	14310-05005	*SEAL, Oil	1	
1	12220-18040	*SEECER RING	1	
1	12120 01025	*PIN, Dowel	1	
2	12120-01343	*PIN, Dowel	2	
0	11100 51020	*BOLT, Socket	0	
3	15015-20002	*PLUG	3	
2	00716-02100	SPROCKET	2	#11~
2	00716-00700	SPROCKET	2	#1~#10
2	00716-00800	PLATE	2	

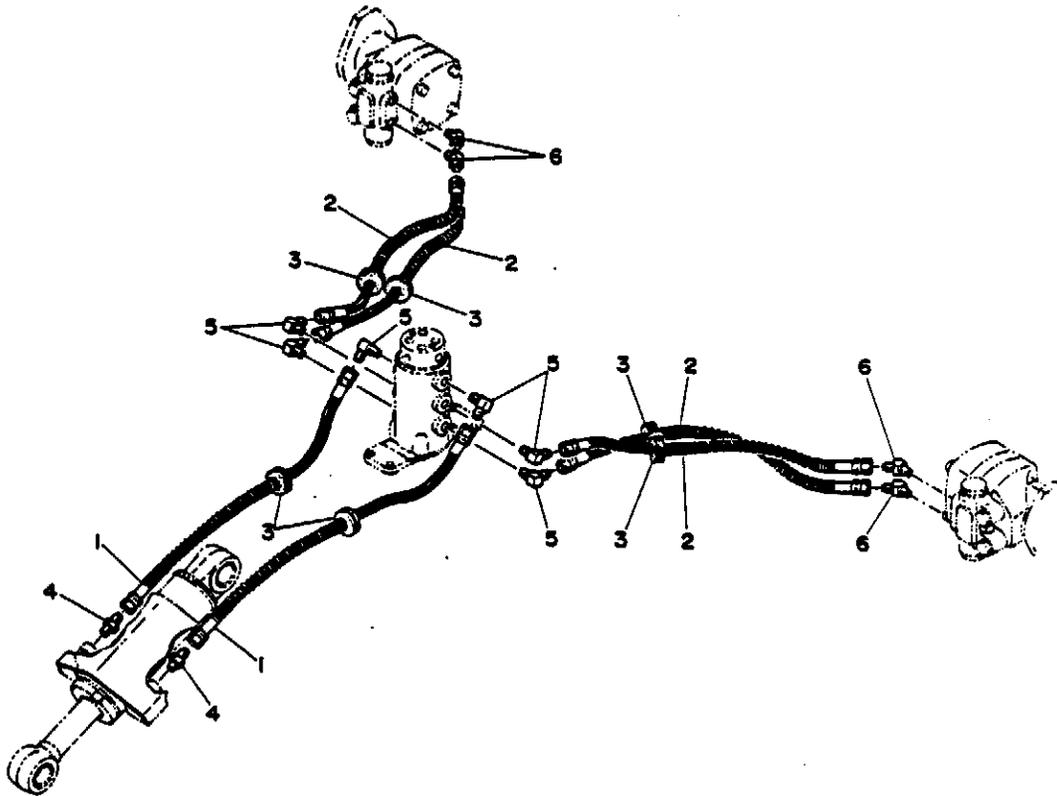
QTY	PARTS NUMBER	DESCRIPTION	QTY	REMARKS
2	00030-00014	WASHER	2	
2	14201-00500	O-RING	2	
2	14201-00550	O-RING	2	
2	14203-00850	O-RING	2	
4	11101-51200	BOLT, Socket	4	
6	11010-51250	BOLT	6	
4	11000-51040	BOLT	4	#11~
4	11000-51025	BOLT	4	#1~#10
4	11400-10010	WASHER, Spring	4	
16	11415-40012	WASHER	16	
4	11305-50012	NUT	4	
2	19030-03800	MOTOR ASSY	2	
2	19015-00600	VALVE	2	
4	03 19015-00700	FITTING ASSY	4	
1	19015-00701	*FITTING	1	
1	19015-00702	*PLUG	1	
1	14203-10910	*O-RING	1	
2	14200-10200	*O-RING	2	

FIG. 07 BLADE



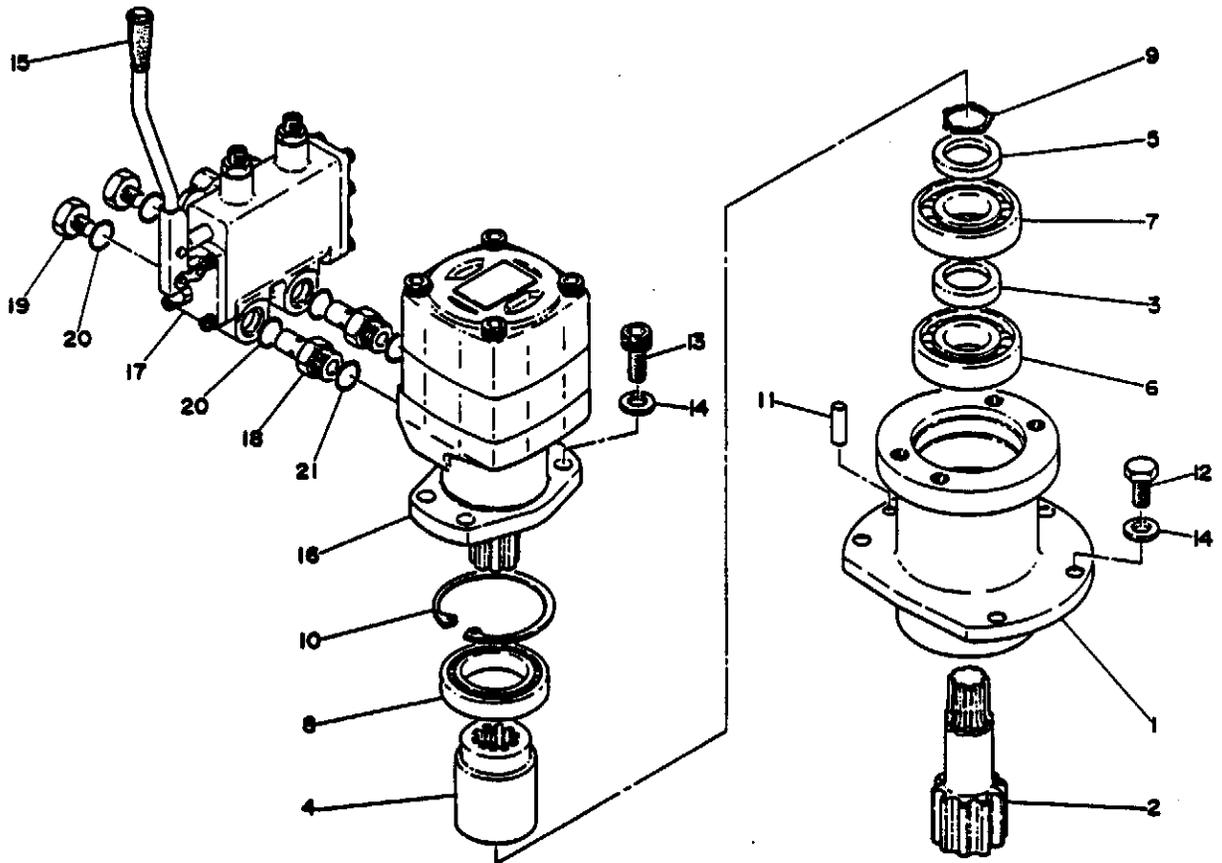
QTY	PARTS NUMBER	DESCRIPTION	QTY	REMARKS
1	00763-10100	BLADE	1	
2	00015-00025	PIN	2	
3	00013-30006	PIN	2	
4	00030-30000	COLLAR	2	
	00030-30001	COLLAR	2	
	00030-30002	COLLAR	2	
	00030-30003	COLLAR	2	
	00030-30004	COLLAR	2	
	00030-30005	COLLAR	2	
5	11000-50070	BOLT	2	
6	11300-40008	NUT	4	
7	13000-01000	NIPPLE, Grease	2	
8	12100-00045	PIN, Spill	2	
9	19000-15300	CYLINDER ASSY	1	#231-
	19000-10200	CYLINDER ASSY	1	#1-#230

FIG. 08 PIPING. LOWER



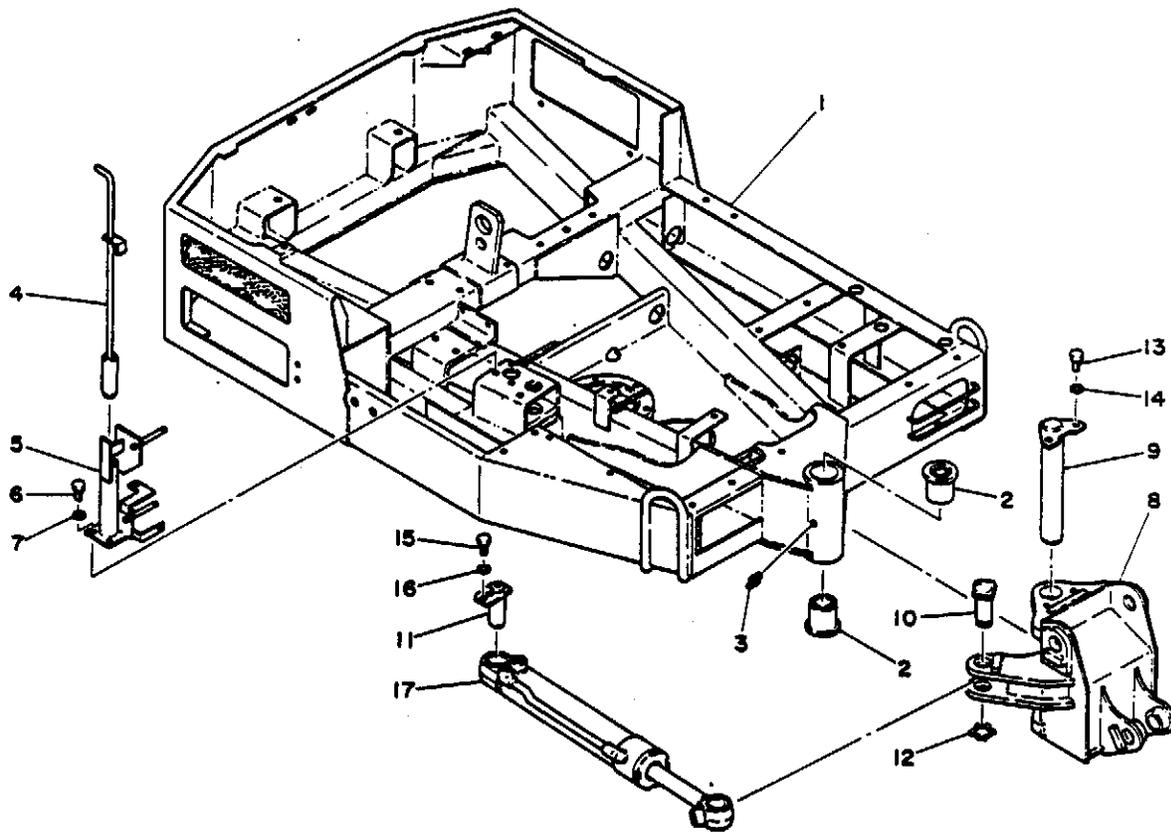
QTY	PARTS NUMBER	DESCRIPTION	QTY	REMARKS
1	19099-00001	HOSE ASSY	2	
2	19095-00042	HOSE ASSY	4	
3	00772-00400	GUARD	6	
4	15110-00002	ADAPTOR	2	
5	15111-00002	ELBOW 90°	6	
6	15112-00002	ELBOW 45°	4	

FIG. 09 SLEW GEARBOX



QTY	PARTS NUMBER	DESCRIPTION	QTY	REMARKS
01	00623-90000	GEAR BOX ASSY	1	
1	00623-10100	*CASE	1	
2	00723-00200	*PINION	1	
3	00030-30010	*COLLAR	1	
4	00823-10400	*COUPLING	1	
5	00030-35505	*COLLAR	1	
6	13000-00307	*BEARING	1	
7	13000-00307	*BEARING	1	
8	13000-00010	*BEARING	1	
9	12220-10034	*SEGGER RING	1	
10	12210-00000	*RING, Snap	1	
11	12120 01030	PIN, Dowel	1	
12	11010-51225	BOLT	5	
13	11100-51230	BOLT, Socket	4	
14	11415-40012	WASHER	9	
15	10501-12050	GRIP	1	
16	19030-02000	MOTOR ASSY	1	
17	19017-01400	VALVE	1	
18	00072-00008	FITTING	2	
19	00072-00007	PLUG	2	
20	14200-10200	O-RING	4	
21	14203-10910	O-RING	2	

FIG. 10-1 TURNTABLE

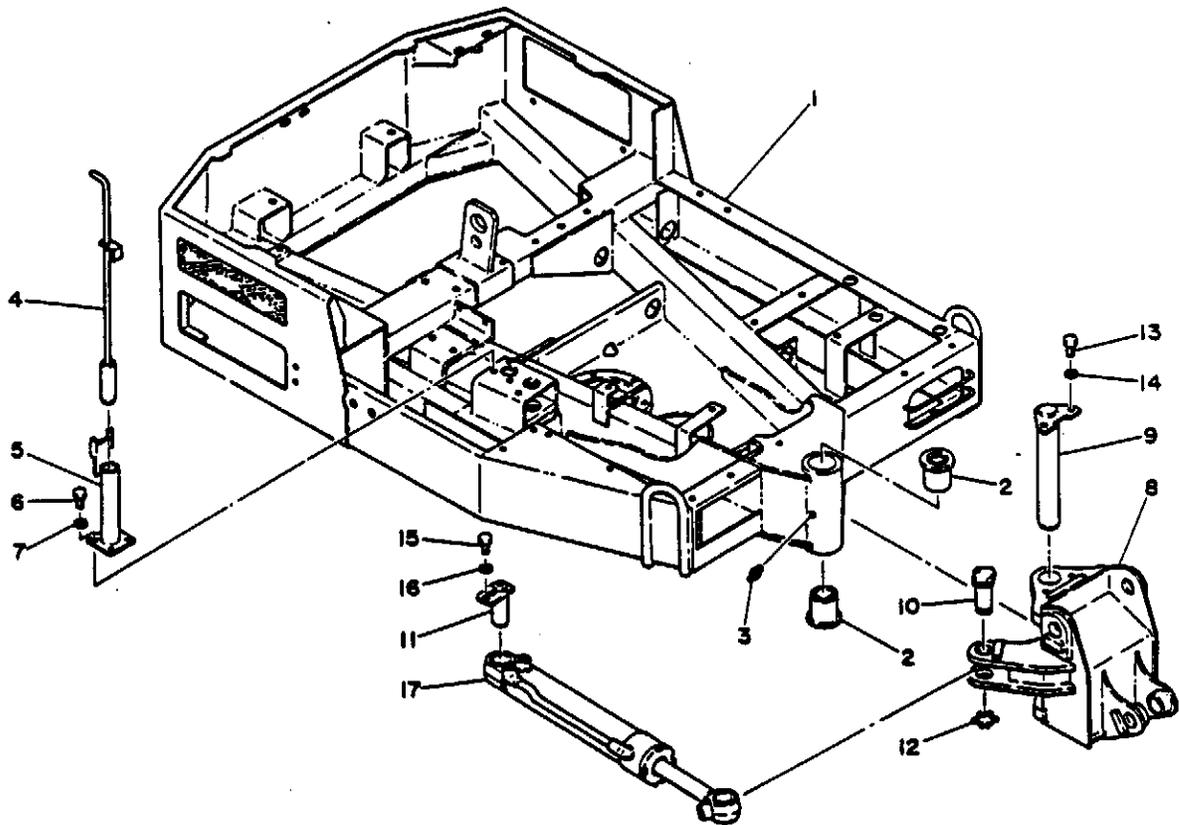


QTY	PARTS NUMBER	DESCRIPTION	QTY	REMARKS
1	90630-12100	TURNTABLE	1	
2	00026-00001	BUSHING	2	
3	15600-01000	NIPPLE, Grease	1	
4	00622-10100	PIN	1	
5	00622-10200	STAND	1	
6	11000-51020	BOLT	3	
7	11400-10010	WASHER, Spring	3	
8	00731-00100	BRACKET	1	
9	00731-00200	SHAFT	1	
10	00019-00035	PIN	1	
11	00019-00034	PIN	1	
12	12220-16030	SERGER RING	1	
13	11010-51230	BOLT	2	
14	11400-10012	WASHER, Spring	2	
15	11000-51020	BOLT	1	
16	11400-10010	WASHER, Spring	1	
17	19000-10100	CYLINDER ASSY	1	

NOTE

#1-#102, n/o Breaker Circuit Type Fig. 10-1 1/1

FIG. 10-2 TURNTABLE



Qty	PARTS NUMBER	DESCRIPTION	REMARKS
1	00630-12100	TURNTABLE	1
2	00026-00001	BUSHING	2
3	15000-01000	NIPPLE, Grease	1
4	00022-10100	PIN, Lock	1
5	00022-11200	STAND	1
6	11000-51020	BOLT	3
7	11400-10010	WASHER, Spring	3
8	00731-00100	BRACKET	1
9	00731-00200	SHAFT	1
10	00019-00035	PIN	1
11	00019-00034	PIN	1
12	12220-16030	SLEGER RING	1
13	11010-51230	BOLT	2
14	11400-10012	WASHER, Spring	2
15	11000-51020	BOLT	1
16	11400-10010	WASHER, Spring	1
17	19000-10100	CYLINDER ASSY	1

NOTE

0153- . with Breaker Circuit Type

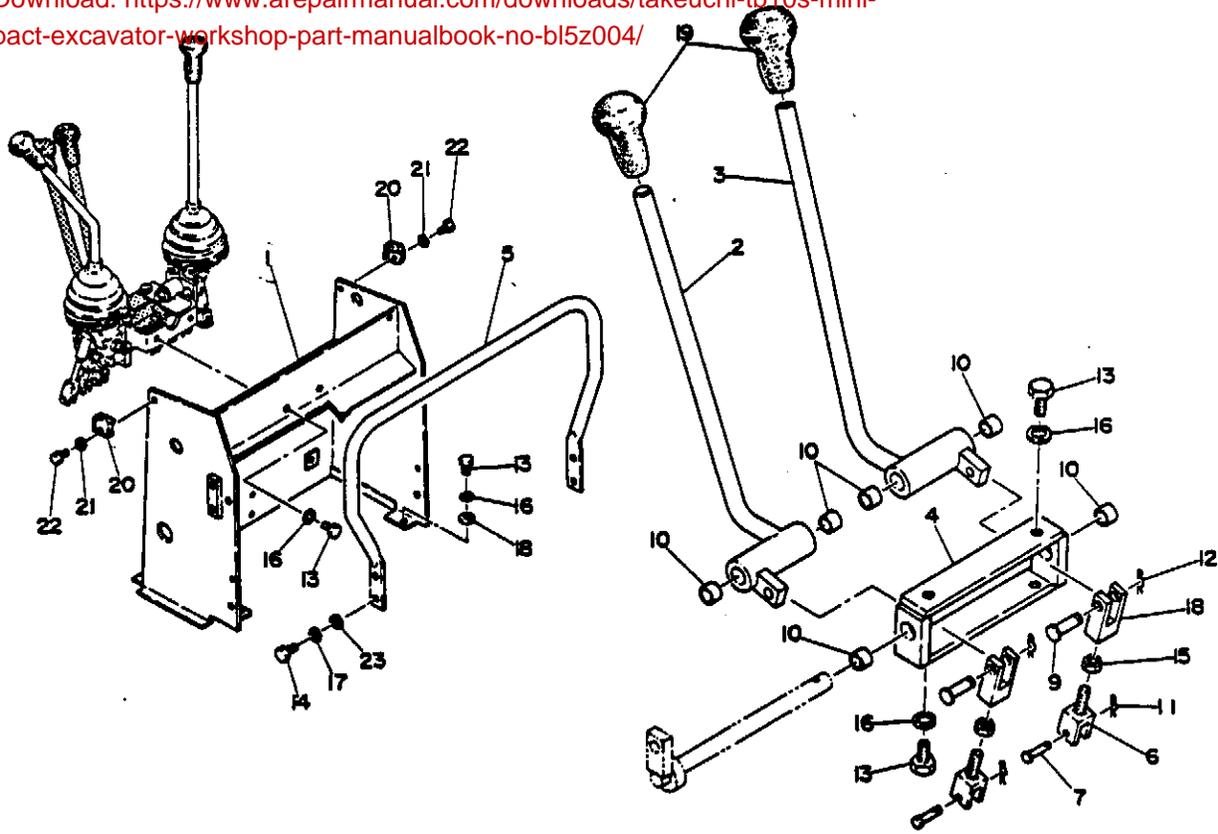
Fig. 10-2 L/1

FIG. 11-1 CONTROL LEVER TRACTION

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compact-excavator-workshop-part-manualbook-no-bl5z004/



NO	PARTS NUMBER	DESCRIPTION	Qty	REMARKS
1	00632-10100	STAND	1	
2	00632-10400	LEVER (R. H)	1	
3	00632-10500	LEVER (L. H)	1	
4	00632-20700	BRACKET	1	
5	00632-11300	POLE	1	
6	00932-22000	YOKE	2	
7	00040-05117	PIN	2	
8	00632-11900	YOKE	2	
9	00040-08021	PIN	2	
10	13330-01212	BUSHING	6	
11	12140-00005	PIN, Snap	2	
12	12140-00006	PIN, Snap	2	
13	11000-50020	BOLT	8	
14	11000-51020	BOLT	4	
15	11300-50008	NUT	2	
16	11400-10008	WASHER, Spring	8	
17	11400-10010	WASHER, Spring	4	
18	00036-00252	WASHER	2	
19	16501-14061	GRIP	2	
20	00602-12000	RUBBER	2	
21	11400-20005	WASHER, Spring	2	
22	11205-30510	SCREW, Pan Head	2	
23	11411-10010	WASHER, Plain	2	

NOTE

01~0395 (192) . . . / Breaker Circuit Type Fig.11-1 1/1