

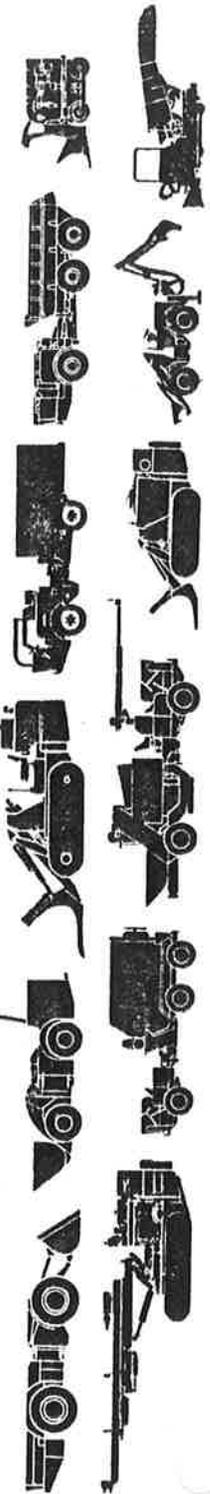
PROPERTY - JELLEN & SON, INC.

**MODEL 12B
ROCKER SHOVEL
LOADER**

Serial MASTER

BUCKET MOTOR SERIAL _____

TRACTION MOTOR SERIAL _____



Warranty

Equipment manufactured and sold by ENVIROTECH MINING MACHINERY GROUP of ENVIROTECH CORPORATION is backed by the following warranty:

To the original purchaser, Envirotech warrants all new equipment manufactured by it to be free from defects in material and workmanship; and will replace or repair, f.o.b. its factory of origin or other location designated by it, any part or parts returned to it which Envirotech's examination shall show to have failed under normal use by the original purchaser (a) within 1000 hours of operation or 180 days following delivery to purchaser (whichever occurs first) on all diesel-powered models of mining machinery equipment, or (b) within 90 days following delivery to purchaser on all other models of mining machinery equipment.

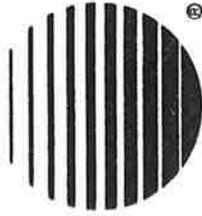
Envirotech's obligation under this warranty is conditioned upon its receiving prompt notice of claimed defects which shall in no event be later than thirty (30) days following expiration of the warranty period and is limited to repair or replacement as aforesaid. Said repair or replacement shall be subject to pro-rata charge, based on Envirotech's estimate of the percentage of normal service realized from the part.

THIS WARRANTY IS EXPRESSLY MADE BY ENVIROTECH AND ACCEPTED BY PURCHASER IN LIEU OF ALL OTHER WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE, WHETHER WRITTEN, ORAL, EXPRESS, IMPLIED, OR STATUTORY. ENVIROTECH NEITHER ASSUMES NOR AUTHORIZES ANY OTHER PERSON TO ASSUME FOR IT ANY OTHER LIABILITIES WITH RESPECT TO ITS EQUIPMENT. ENVIROTECH SHALL NOT BE LIABLE FOR NORMAL WEAR AND TEAR, NOR FOR ANY CONTINGENT, INCIDENTAL, OR CONSEQUENTIAL DAMAGE OR EXPENSE DUE TO PARTIAL OR COMPLETE INOPERABILITY OF ITS EQUIPMENT FOR ANY REASON WHATSOEVER. THE FOREGOING WARRANTY IS IN PLACE OF NEGLIGENCE TORT LIABILITIES.

This warranty shall not apply to equipment or parts thereof which have been altered or repaired without authorization outside of an Envirotech factory, or damaged by improper installation or application, or subjected to misuse, abuse, neglect or accident.

Envirotech makes no warranty with respect to parts, accessories, or components manufactured by others. The warranty which applies to such items is that offered by their respective manufacturers.

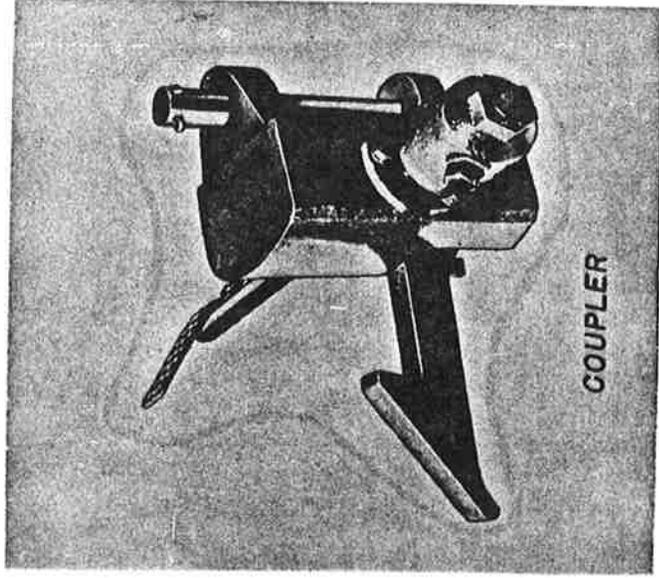
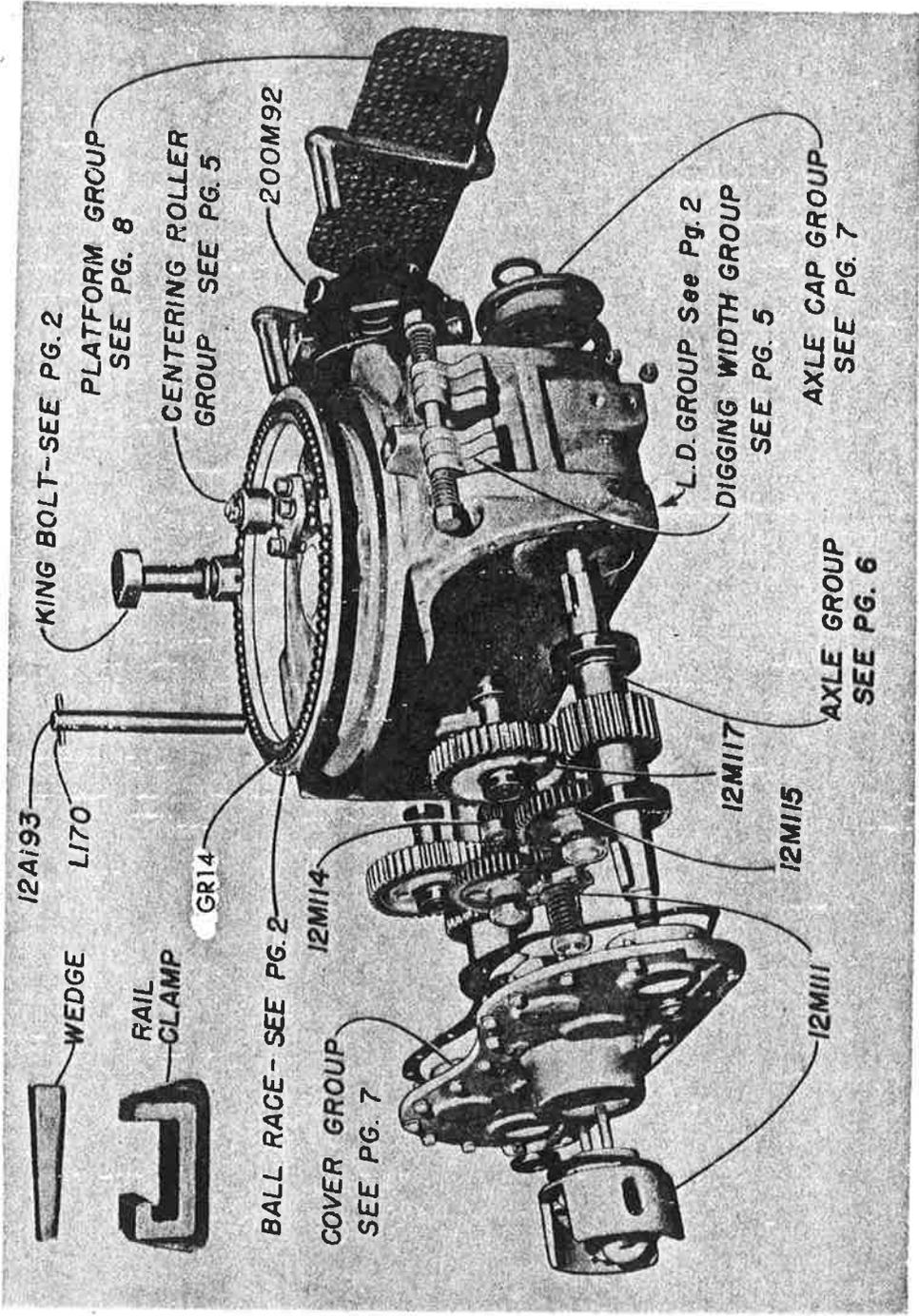
ENVIROTECH



**MINING MACHINERY GROUP
ENVIROTECH CORPORATION**

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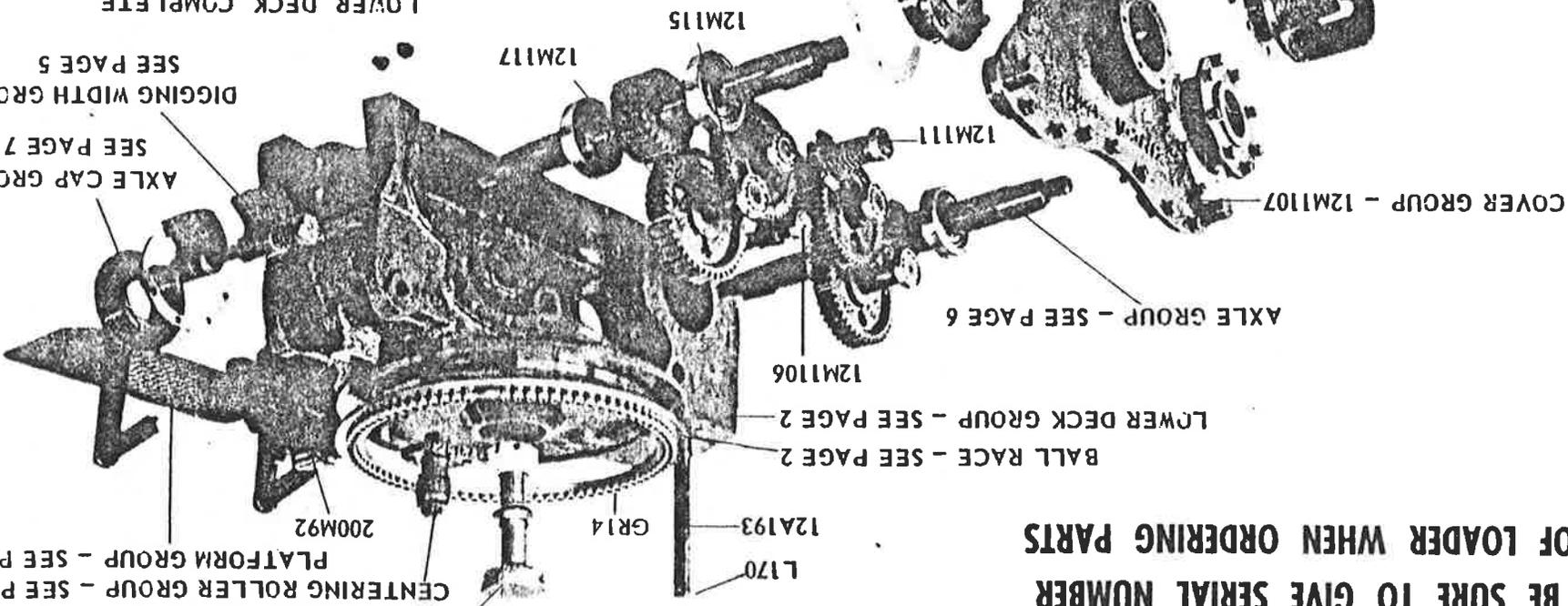
COUPLER

LOWER DECK COMPLETE

Part No.	Quan.	Description	Ref. No.
See Pg. 2	1	Lower Deck Group	
12M114	1	Motor Pinion Group	
12M111	1	Clutch Group	
12M115	2	Intermediate Group	
12M117	2	Idler Group	
See Pg. 6	2	Axle Group	
See Pg. 7	1	Cover Group	
See Pg. 7	2	Axle Cap Group	
See Pg. 2	1	Ball Race	302
GR14	84	Ball	303
See Pg. 5	1	Centering Roller Group	
See Pg. 2	1	King Bolt	375
See Pg. 5	1	Digging Width Group	
12A193	1	Coupler Pin	
200M92	1	Traction Motor Group	
See Pg. 8	1	Platform Group	
	1	Coupler	L39
	2	Rail Clamp	L37
	2	Wedge	L38

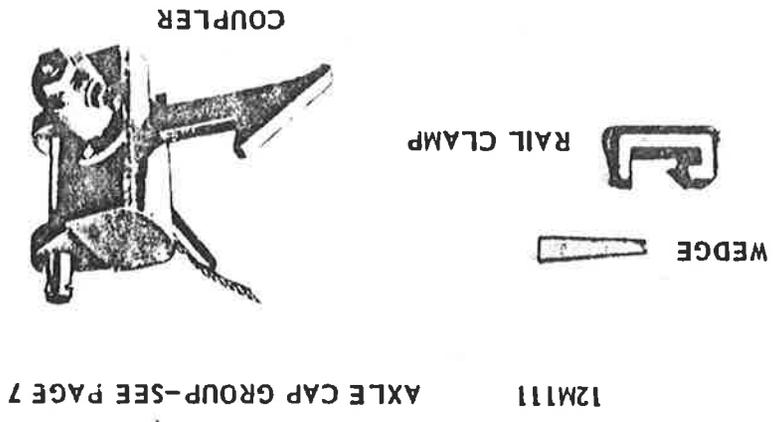
BE SURE TO GIVE SERIAL NUMBER OF LOADER WHEN ORDERING PARTS

KING BOLT - SEE PAGE 2
 CENTERING ROLLER GROUP - SEE PAGE 5
 PLATFORM GROUP - SEE PAGE 8
 200M92
 GR14
 L170
 12A193

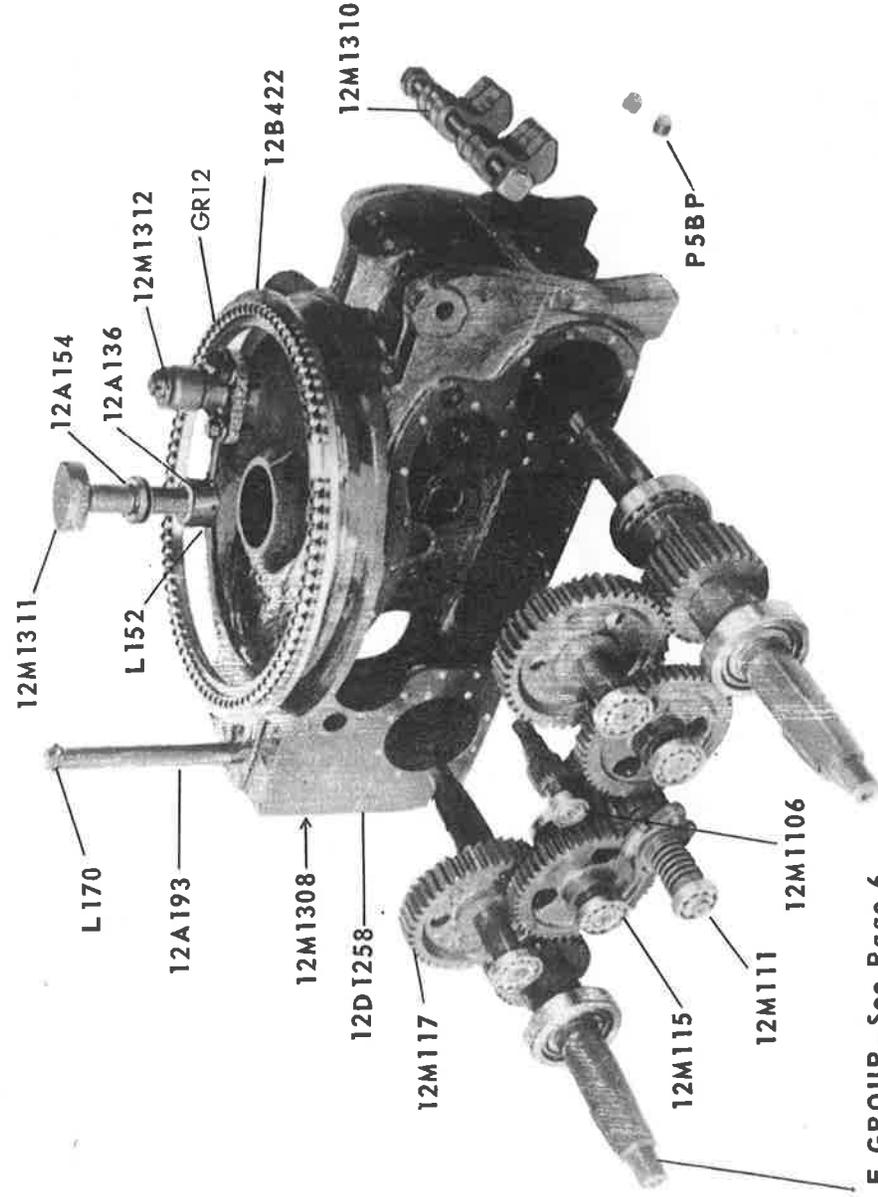


LOWER DECK COMPLETE

Part No.	Quan.	Description	Ref.No.
See Page 2	1	Lower Deck Group	1
12M1106	1	Motor Pinion Assembly	1
12M111	1	Clutch Group	1
12M115	2	Intermediate Group	2
12M117	2	Idler Group	2
See Page 6	2	Axle Group	2
12M1107	1	Cover Group	1
See Page 7	2	Axle Cap Group	2
See Page 2	1	Ball Race	1
GR14	84	Ball	302
See Page 5	1	Centering Roller Group	303
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200M92	1	Traction Motor Group	
See Page 8	1	Platform Group	439
	1	Coupler	437
	2	Rail Clamp	438
	2	Wedge	



BE SURE TO GIVE SERIAL NUMBER
 OF LOADER WHEN ORDERING PARTS

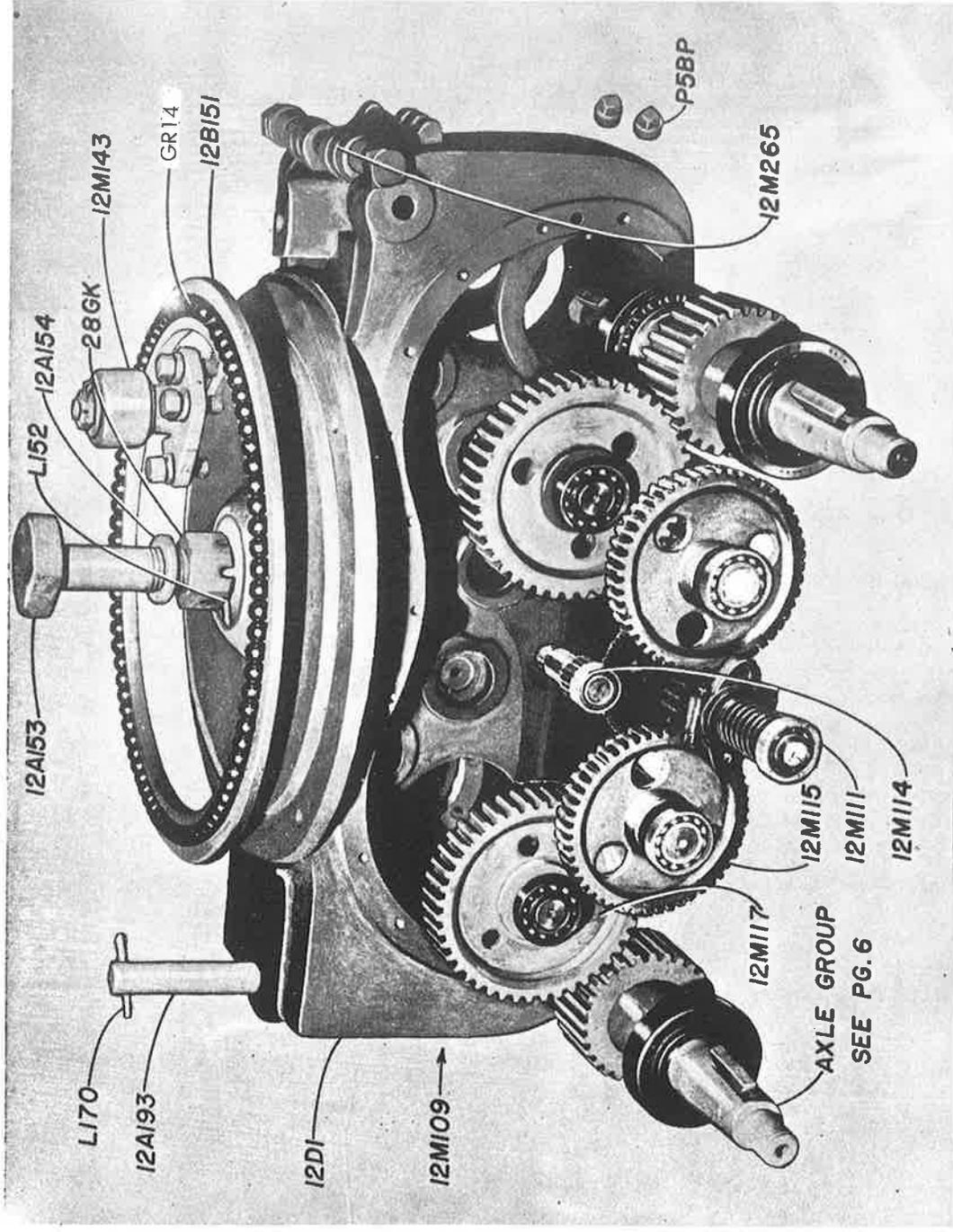


AXLE GROUP — See Page 6

LOWER DECK GROUP — 12M1309
"A" DECK MACHINE

**BE SURE TO GIVE SERIAL NUMBER
OF LOADER WHEN ORDERING PARTS**

Part No.	Quan.	Description
12M1308	1	Lower Deck Assembly
12D1258	1	Consists of:
P5BP	2	Lower Deck — "A"
12B422	1	Plug
GR12	100	Lower Deck Ball Race — "A"
12M1310	1	Ball
12M1106	1	Digging Width Assembly — "A"
12M111	1	Motor Pinion Assembly
12M115	2	Clutch Group
12M117	2	Intermediate Group
See Page 6	2	Idler Group
12M1311	1	Axle Group
		King Bolt Assembly — "A"
		Includes:
12A136	1	Nut
L152	1	Cotter Pin
12A154	1 Set	Washer
12M1312	1	Centering Roller Group — "A"
12A193	1	Coupler Pin
L170	1	Centering Pin

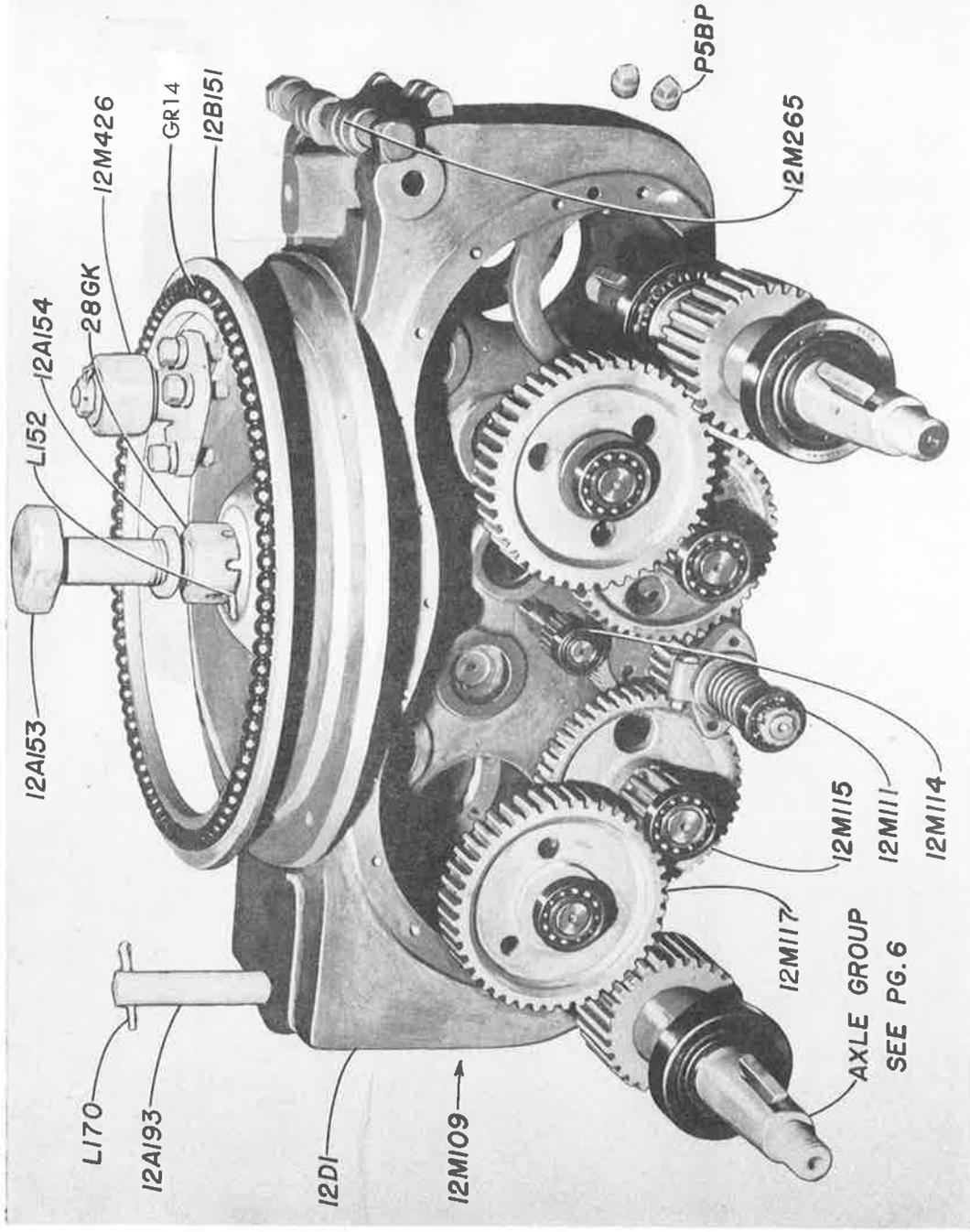


LOWER DECK ASSEMBLY

"B" DECK MACHINE

**BE SURE TO GIVE SERIAL NUMBER
OF LOADER WHEN ORDERING PARTS**

Part No.	Quan.	Description	Ref. No.
12M109	1	Lower Deck Group	301A
12D1	1	Lower Deck Plug	302
P5BP	2	Lower Deck Ball Race-"B"	303
12B151	1	Ball	
GRI4	84	Digging Width Group -"B"	
12M265	1	Motor Pinion Group	
12M114	1	Clutch Group	
12M111	1	Intermediate Group	
12M115	2	Idler Group	
12M117	2	Axle Group	
See Pg.6		King Bolt - "B"	375
12A153	1	Washer	
12A154	1 set	Nut	
28GK	1	Cotter Pin	
L152	1	Centering Roller Group-"B"	
12M143	1	Coupler Pin	
12A193	1	Cotter Pin	
L170	1	Cotter Pin	

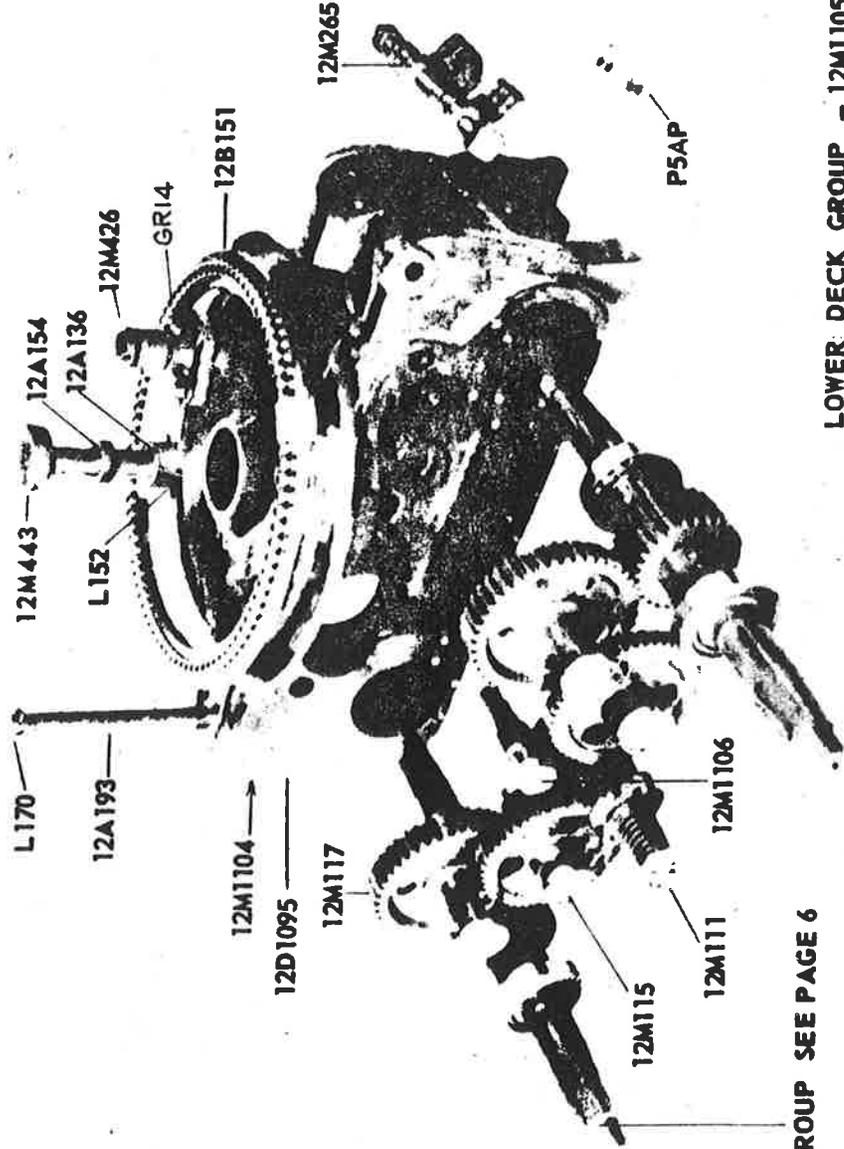


LOWER DECK ASSEMBLY

"B" DECK MACHINE

**BE SURE TO GIVE SERIAL NUMBER
OF LOADER WHEN ORDERING PARTS**

Part No.	Quan.	Description	Ref. No.
12M109	1	Lower Deck Group	
		Consists of:	
12DI	1	Lower Deck	301A
P5BP	2	Plug	
12B151	1	Lower Deck Ball Race-"B"	302
GR14	8 1/4	Ball	303
12M265	1	Digging Width Group -"B"	
12M114	1	Motor Pinion Group	
12M111	1	Clutch Group	
12M115	2	Intermediate Group	
12M117	2	Idler Group	
See Pg.6			
12A153	1	Axle Bolt - "B"	375
12A154	1 set	Washer	
28GK	1	Nut	
L152	1	Cotter Pin	
12M426	1	Centering Roller Group-"B"	
12A193	1	Coupler Pin	
L170	1	Cotter Pin	



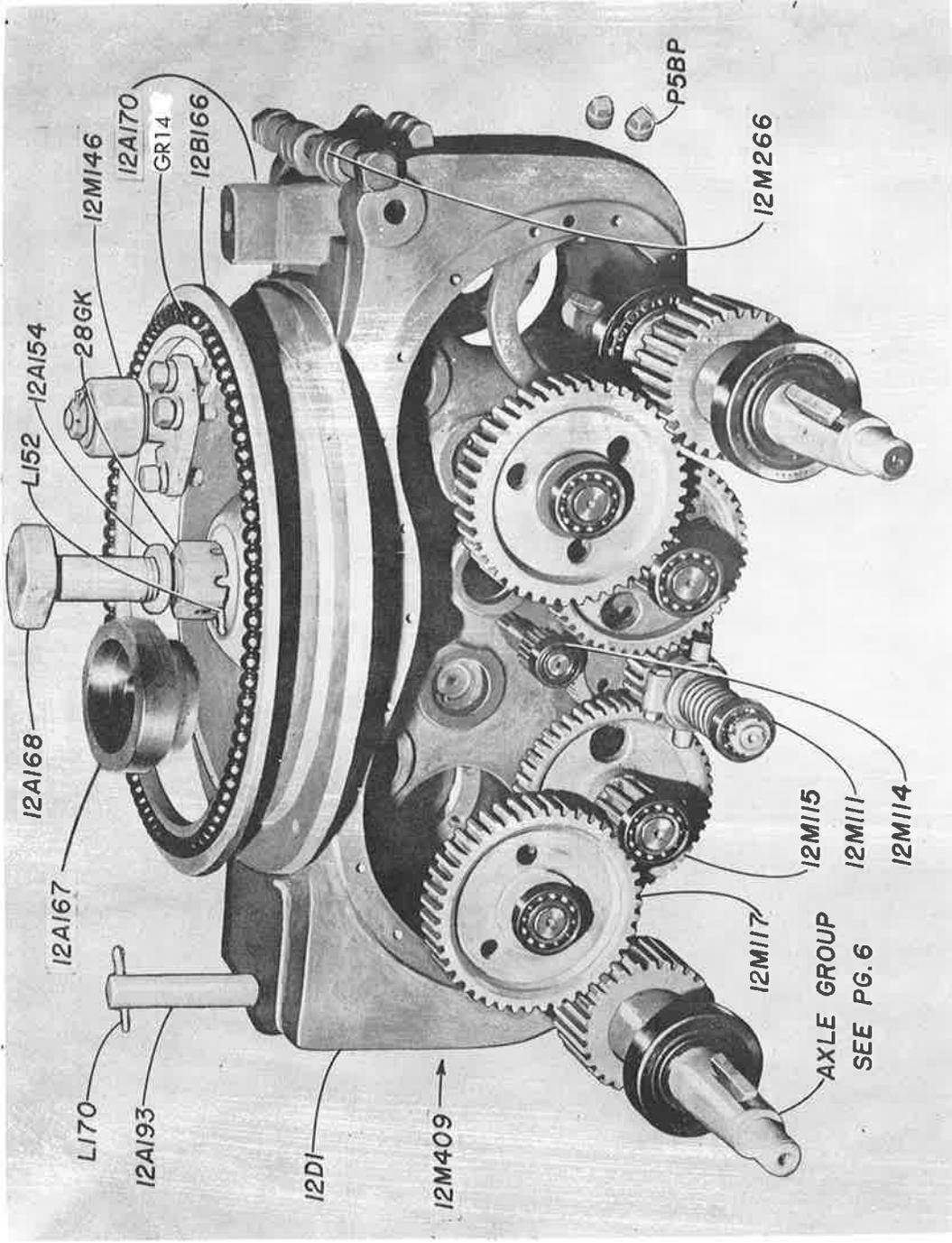
E GROUP SEE PAGE 6

LOWER DECK GROUP — 12M1105
"8" Deck Machine

Part No.	Quan.	Description
12M1104	1	Lower Deck Group
12D1095	1	Consists of:
P5AP	2	Lower Deck Plug
12B151	1	Lower Deck Ball Race — "8"
GR14	84	Ball
12M265	1	Digging Width Group — "8"
12M1106	1	Motor Pinion Assembly
12M111	1	Clutch Group
12M115	2	Intermediate Group
12M117	2	Idler Group
See Page 6	2	Axle Group
12M443	1	King Bolt Assembly "8"
		Includes:
12A136	1	Nut
L152	1	Cotter Pin
12A154	1 Set	Washer
12M426	1	Centering Roller Group — "8"
12A193	1	Coupler Pin
L170	1	Cotter Pin

GIVE MACHINE SERIAL NUMBER WHEN ORDERING PARTS

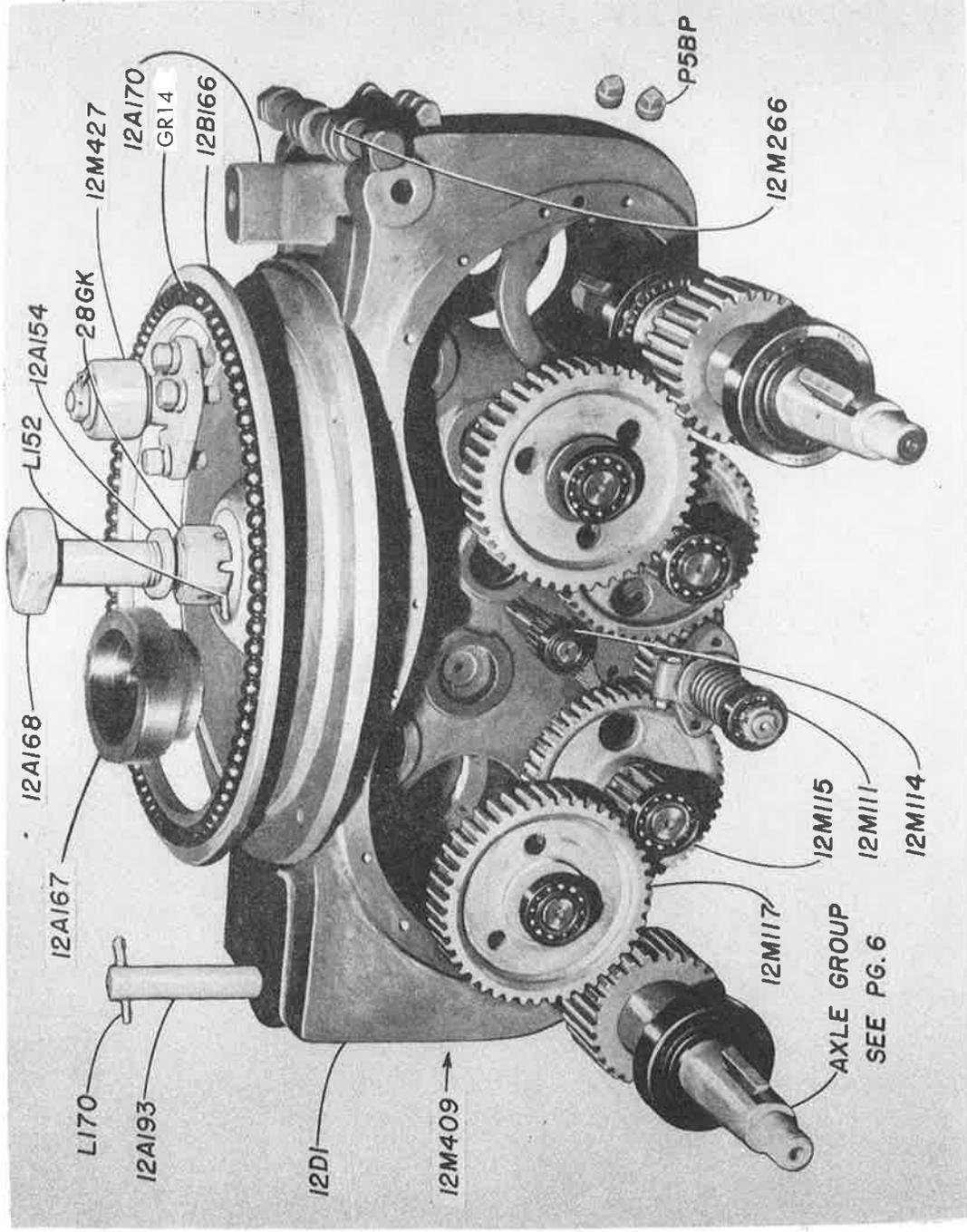
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LOWER DECK ASSEMBLY
"C" DECK MACHINE

**BE SURE TO GIVE SERIAL NUMBER
OF LOADER WHEN ORDERING PARTS**

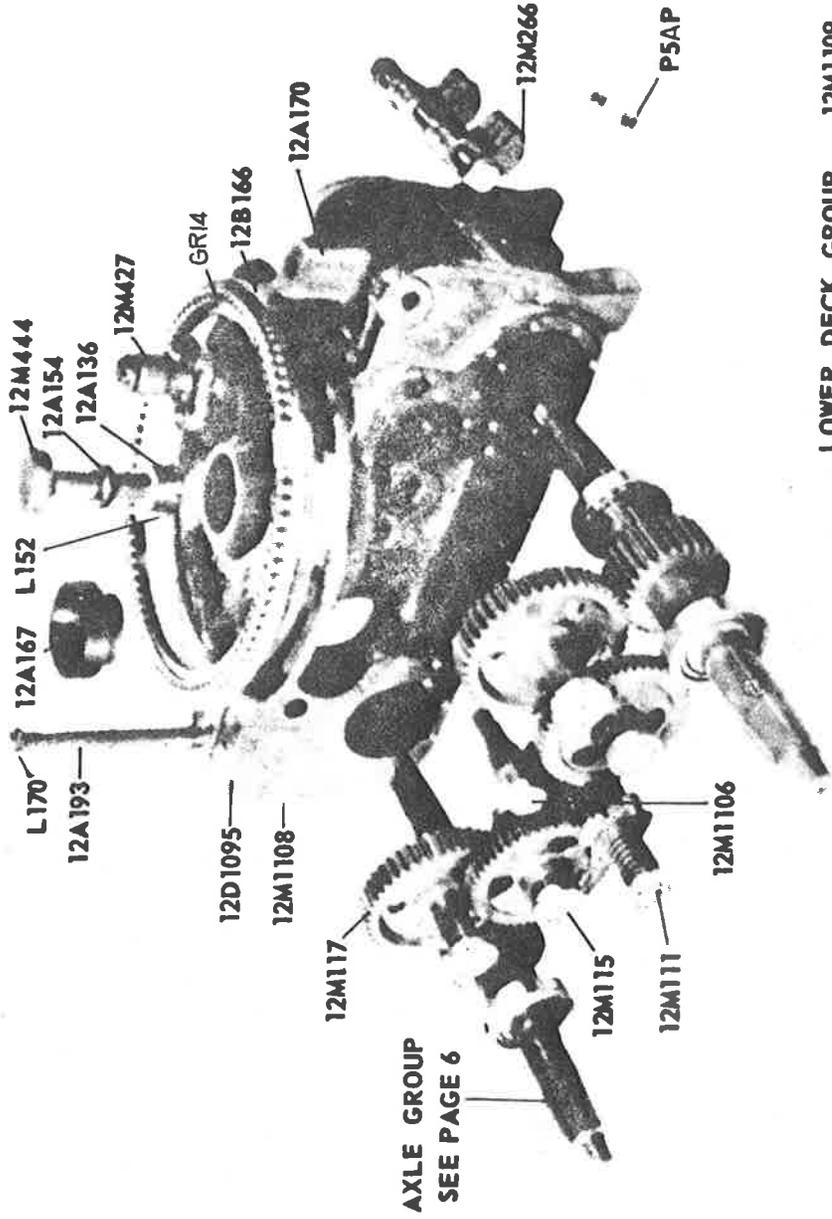
Part No.	Quan.	Description	Ref. No.
12M109	1	Lower Deck Group	
12DI	1	Consists of:	301A
12A170	1	Lower Deck Extension Block Type "C"	
P5BP	2	Plug	
12B166	1	Lower Deck Ball Race - "C"	302
GR14	84	Ball	303
12M266	1	Digging Width Group - "C"	
12M114	1	Motor Finion Group	
12M111	1	Clutch Group	
12M115	2	Intermediate Group	
12M117	2	Idler Group	
See Pg. 6	2	Axle Group	
12A168	1	King Bolt - "C"	
12A167	1	Thrust Disc - "C"	
12A154	1 set	Washer	
28GK	1	Nut	
LI52	1	Cotter Pin	
12M116	1	Centering Roller Group-"C"	
12A193	1	Coupler Pin	
L170	1	Cotter Pin	



LOWER DECK ASSEMBLY
"C" DECK MACHINE

**BE SURE TO GIVE SERIAL NUMBER
OF LOADER WHEN ORDERING PARTS**

Part No.	Quan.	Description	Ref. No.
12M109	1	Lower Deck Group	
		Consists of:	
12DI	1	Lower Deck Extension Block	301A
12A170	1	Extension Block Type "C"	
P5BP	2	Plug	
12B166	1	Lower Deck Ball Race - "C"	302
GR14	84	Ball	303
12M266	1	Digging Width Group - "C"	
12M114	1	Motor Finion Group	
12M111	1	Clutch Group	
12M115	2	Intermediate Group	
12M117	2	Idler Group	
See Pg. 6	2	Axle Group	
12A168	1	King Bolt - "C"	375
12A167	1	Thrust Disc - "C"	
12A154	1	Washer	
28GK	1	Nut	
1L52	1	Cotter Pin	
12M127	1	Centering Roller Group-"C"	
12A193	1	Coupler Pin	
1L70	1	Cotter Pin	



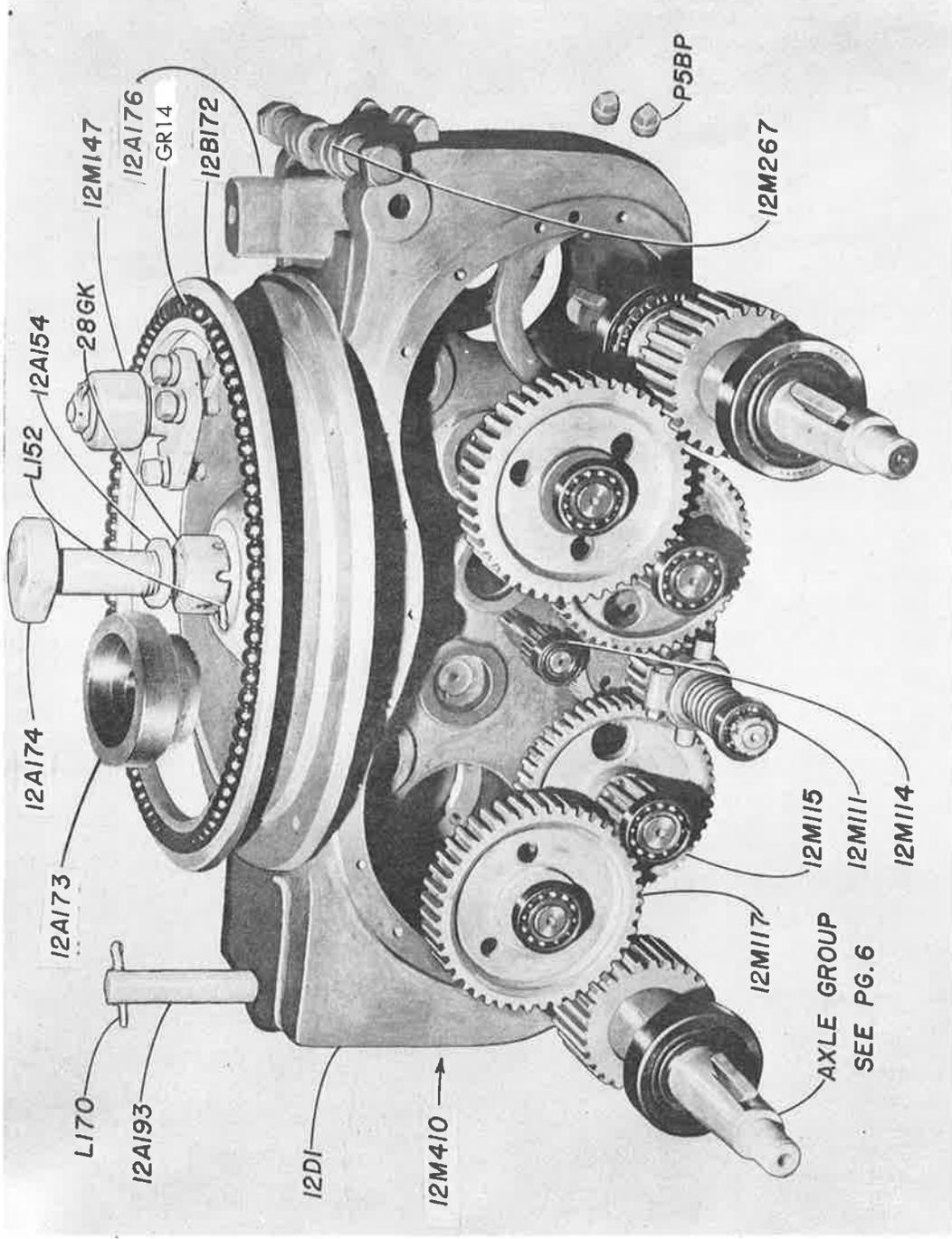
AXLE GROUP
SEE PAGE 6

LOWER DECK GROUP — 12M1109

"C" Deck Machine

Part No.	Quan.	Description
12M1108	1	Lower Deck Group
		Consists of:
12D1095	1	Lower Deck
12A170	1	Extension Block, Type "C"
12A167	1	Thrust Disc — "C"
P5AP	2	Plug
12B166	1	Lower Deck Ball Race — "C"
GR14	84	Ball
12M266	1	Digging Width Group — "C"
12M1106	1	Motor Pinion Assembly
12M111	1	Clutch Group
12M115	2	Intermediate Group
12M117	2	Idler Group
See Page 6	2	Axle Group
12M444	1	King Bolt Assembly "C"
		Includes:
12A136	1	Nut
L152	1	Cotter Pin
12A154	1 set	Washer
12M427	1	Centering Roller Group — "C"
12A193	1	Coupler Pin
L170	1	Cotter Pin

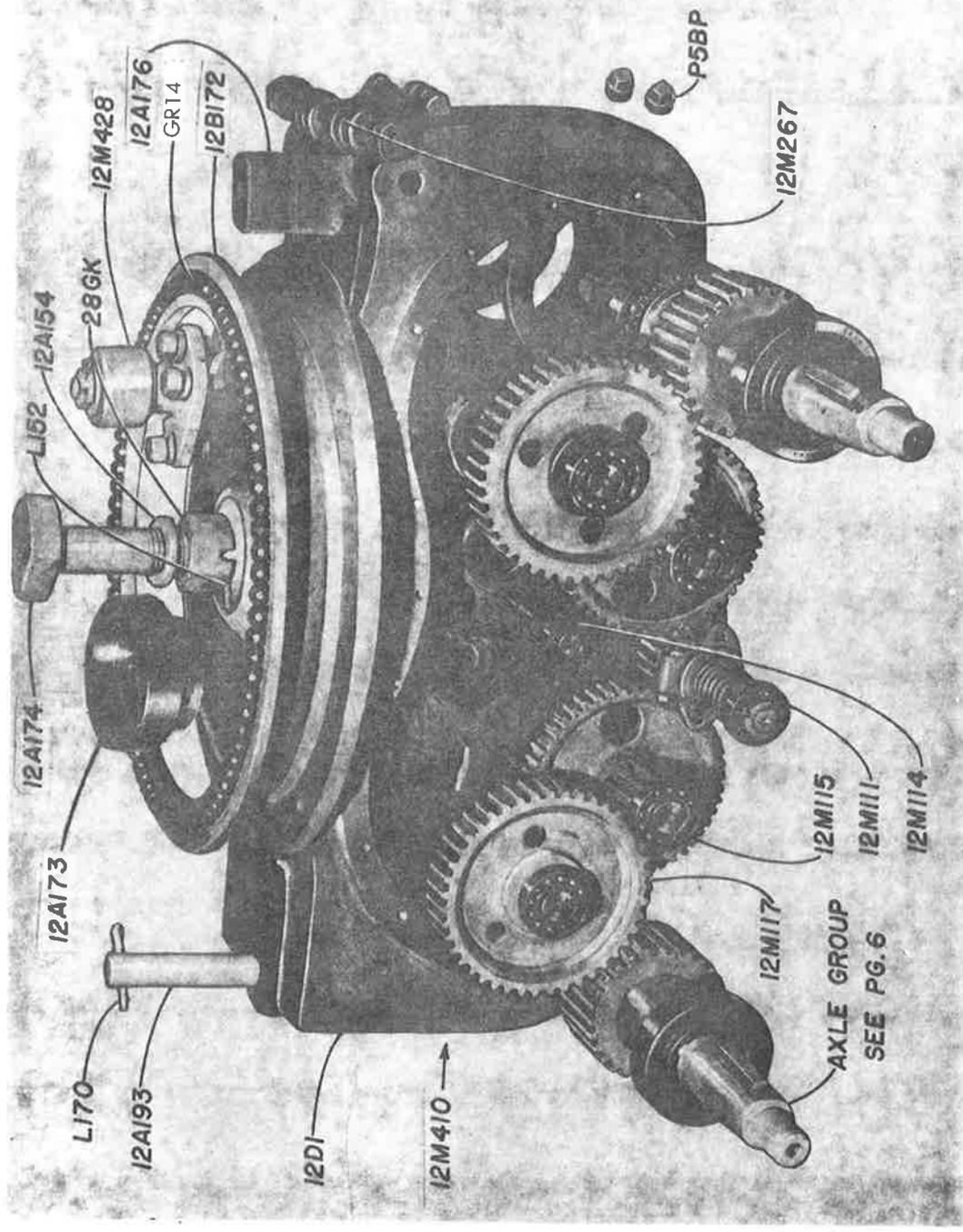
GIVE MACHINE SERIAL NUMBER WHEN ORDERING PARTS



LOWER DECK ASSEMBLY
"D" DECK MACHINE

**BE SURE TO GIVE SERIAL NUMBER
OF LOADER WHEN ORDERING PARTS**

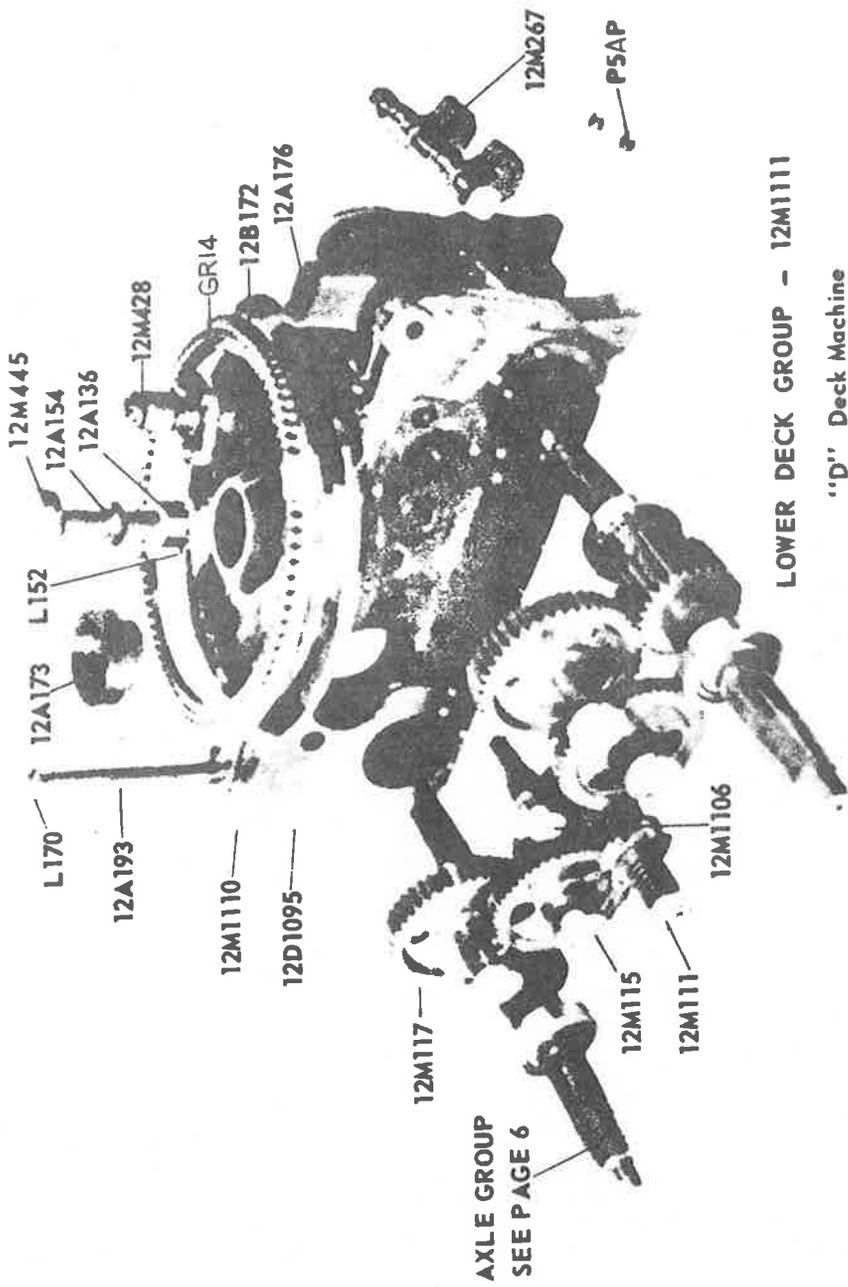
Part No.	Quan.	Description	Ref. No.
12M110	1	Lower Deck Group	
Consists of:			
12DI	1	Lower Deck	301A
12A176	1	Extension Block Type "D"	
P5BP	2	Plug	
12B172	1	Lower Deck Ball Race - "D"	302
GR14	8 1/2	Ball	303
12M267	1	Digging Width Group - "D"	
12M114	1	Motor Pinion Group	
12M111	1	Clutch Group	
12M115	2	Intermediate Group	
12M117	2	Idle Group	
See Pg.6		Axle Group	
12A174	1	King Bolt - "D"	
12A173	1	Thrust Disc - "D"	375
12A154	1	Washer	
28GK	1	Nut	
L152	1	Cotter Pin	
12M1147	1	Centering Roller Group-"D"	
12A193	1	Coupler Pin	
L170	1	Cotter Pin	



LOWER DECK ASSEMBLY
"D" DECK MACHINE

Part No.	Quan.	Description	Ref. No.
12M110	1	Lower Deck Group	
Consists of:			
12D1	1	Lower Deck	301A
12A176	1	Extension Elock	
P5BP	2	Plug	
12B172	1	Lower Deck Ball Race - "D"	
GR14	84	Ball	302 303
12M267	1	Digging Width Group - "D"	
12M114	1	Motor Pinion Group	
12M111	1	Clutch Group	
12M115	2	Intermediate Group	
12M117	2	Idler Group	
See Pg. 6	2	Axle Group	
12A174	1	King Bolt - "D"	
12A173	1	Thrust Disc - "D"	
12A154	1 set	Washer	
28GK	1	Nut	
L152	1	Cotter Pin	
12M128	1	Centering Roller Group-"D"	
12A193	1	Coupler Pin	
L170	1	Cotter Pin	

**BE SURE TO GIVE SERIAL NUMBER
OF LOADER WHEN ORDERING PARTS**

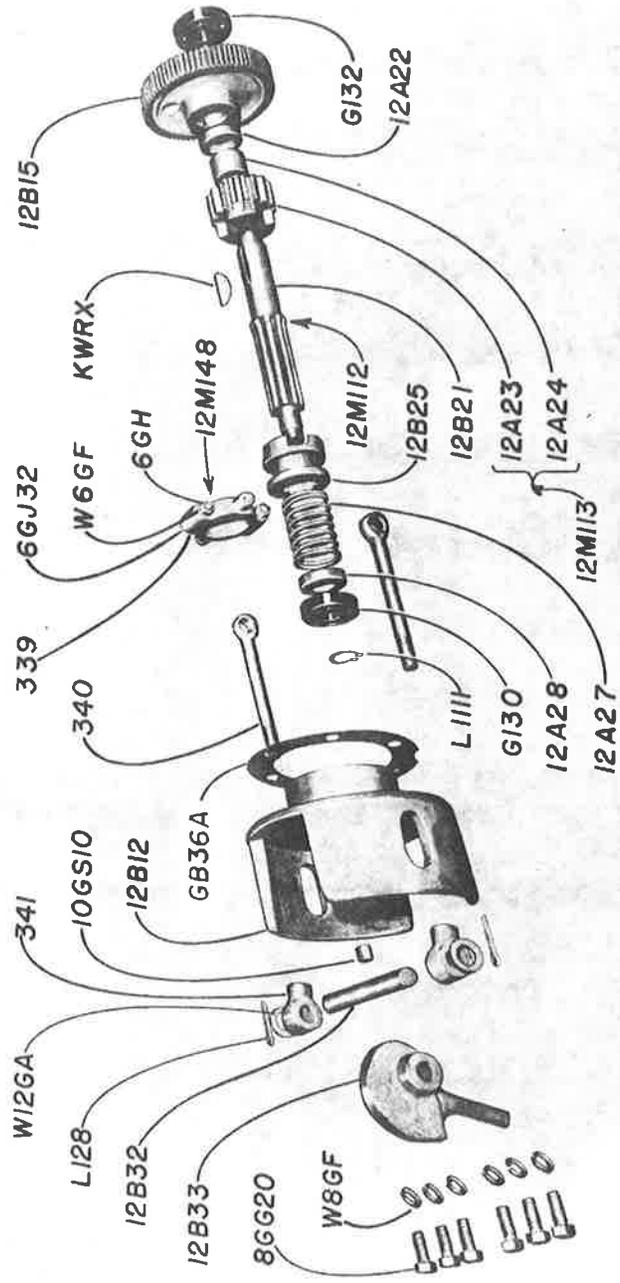


LOWER DECK GROUP - 12M1110

"D" Deck Machine

Part No.	Quan.	Description
12M1110	1	Lower Deck Group
		Consists of:
12D1095	1	Lower Deck
12A176	1	Extension Block, Type "D"
12A173	1	Thrust Disc - "D"
P5AP	2	Plug
12B172	1	Lower Deck Ball Race - "D"
GRI4	84	Ball
12M267	1	Digging Width Group - "D"
12M1106	1	Motor Pinion Assembly
12M111	1	Clutch Group
12M115	2	Intermediate Group
12M117	2	Idler Group
See Page 6	2	Axle Group
12M445	1	King Bolt Assembly "D"
		Includes:
12A136	1	Nut
L152	1	Cotter Pin
12A154	1 set	Washer
12M428	1	Centering Roller Group "D"
12A193	1	Coupler Pin
L170	1	Cotter Pin

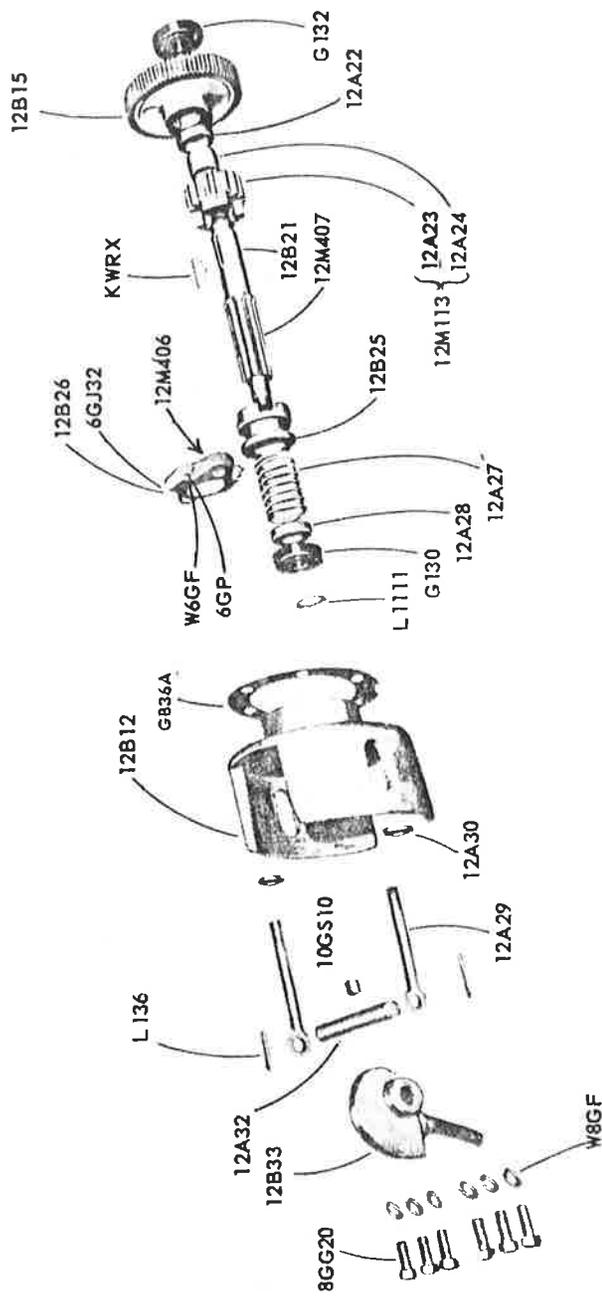
GIVE MACHINE SERIAL NUMBER WHEN ORDERING PARTS



1 2 M 1 1 1 - C L U T C H G R O U P

Part No.	Quan.	Description	Ref. No.
12B12	1	Clutch Cap	321
GB36A	1	Shim	322
8GG20	6	Cap screw	
W8GF	1	Lockwasher	
10GS10	1	Set Screw	343
12B32	1	Cam Shaft	342
12B33	1	Cam	341
341	2	Rod Eye	
W12GA	2	Washer	
L128	2	Pin	
340	2	Rod	340
12M112	1	Clutch Shaft Assembly	
12B21	1	Clutch Shaft	327B
12M113	1	Finion Assembly	
12A23	1	Clutch Finion	334H
12A24	1	Bushing	335A
12A22	1	Spacer	333A
12B15	1	Gear	325B
KWRX	1	Key	326A
G132	1	Inner Bearing	328
12B25	1	Jaw	336A
12M114	1	Collar Assembly	
339	1 set	Consists of:	339
6GJ32	2	Collar	
W6GF	2	Bolt	
6GH	2	Lockwasher	
12A27	2	Nut	
12A28	1	Spring	337A
G130	1	Thrust Washer	338A
L111	1	Outer Bearing	330
	1	Snap Ring	

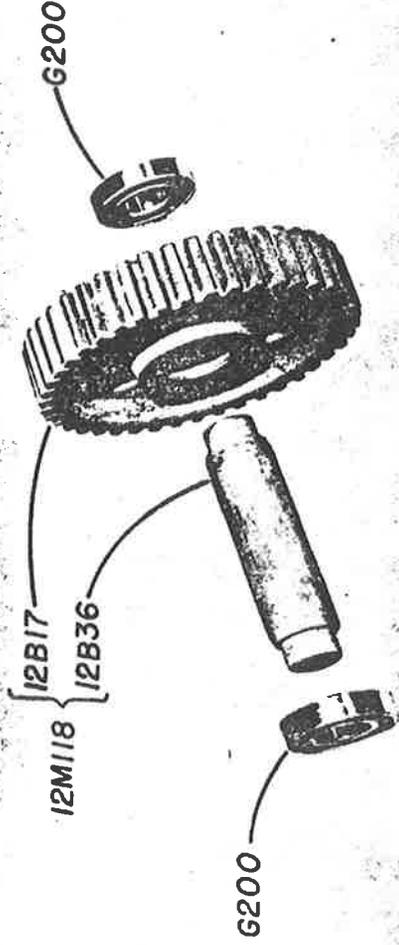
**BE SURE TO GIVE SERIAL
NUMBER OF LOADER
WHEN ORDERING PARTS**



12M111 - CLUTCH GROUP

Part No.	Quan.	Description
12B12	1	Clutch Cap
GB36A	1	Shim
8GG20	6	Capscrew
W8GF	6	Lock Washer
10GS10	1	Set Screw
12A32	1	Cam Shaft
12B33	1	Cam
12A30	2	Seal
L136	2	Pin
12A29	2	Rod
12M407	1	Clutch Shaft Assembly:
		Consists of:
12B21	1	Clutch Shaft
12M113	1	Pinion Assembly
		Consists of:
12A23	1	Clutch Pinion
12A24	1	Bushing
12A22	1	Spacer
12B15	1	Gear
KWRX	1	Key
G132	1	Inner Bearing
12B25	1	Jaw
12M406	1	Collar Assembly
		Consists of:
12B26	1 set	Collar
6GJ32	2	Bolt
W8GF	2	Lock Washer
6GP	2	Nut
12A27	1	Spring
12A28	1	Thrust Washer
G130	1	Outer Bearing
L1111	1	Snap Ring

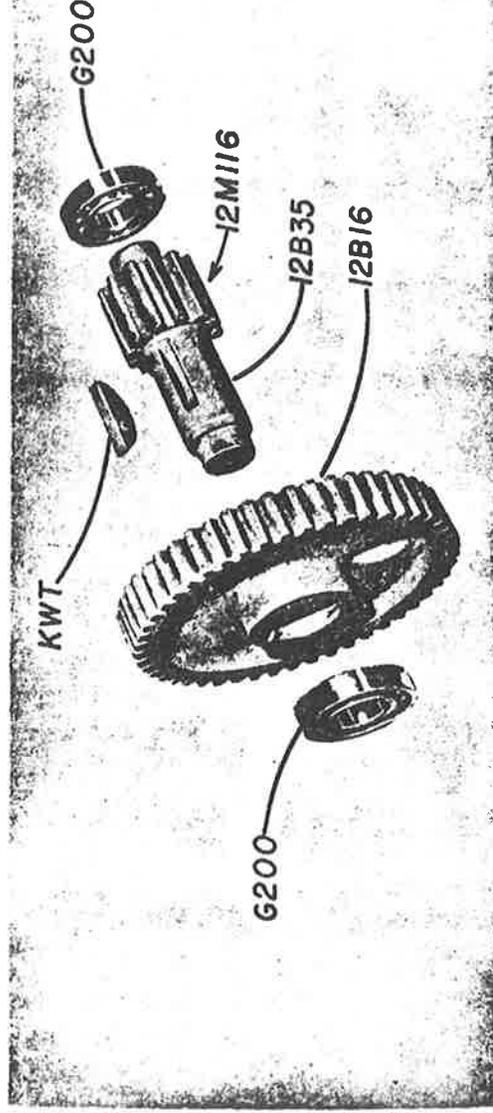
**BE SURE TO GIVE
SERIAL NUMBER
OF LOADER WHEN
ORDERING PARTS**



12M117 - LOWER DECK IDLER GROUP

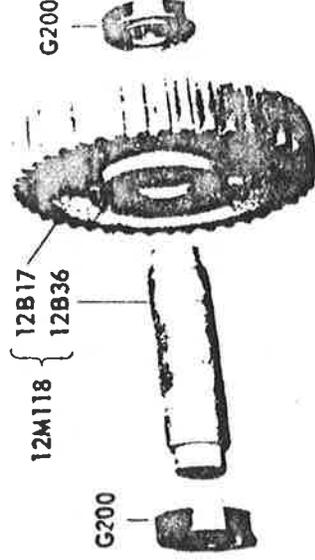
Part No.	Quan.	Description	Ref. No.
G200	2	Bearing Idler Shaft Assembly Consists of:	347A
12M118	1		
12B17	1	Gear	346C
12B36	1	Shaft	346D

BE SURE TO GIVE SERIAL NUMBER OF LOADER WHEN ORDERING PARTS



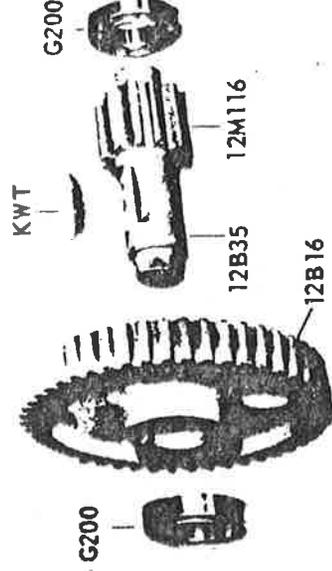
12M115 - LOWER DECK INTERMEDIATE GROUP

Part No.	Quan.	Description	Ref. No.
G200	2	Bearing Intermediate Shaft Assbly	347A
12M116	1		
12B35	1	Pinion	344A
KWT	1	Key	344B
12B16	1	Gear	344H



12M117 - LOWER DECK IDLER GROUP

Part No.	Quan.	Description.	Ref.No.
12M118	1	Idler Shaft Assembly	
Consists of:			
12B17	1	Gear	346C
12B36	1	Shaft	346D
G200	2	Bearing	347A



12M115 - LOWER DECK INTERMEDIATE GROUP

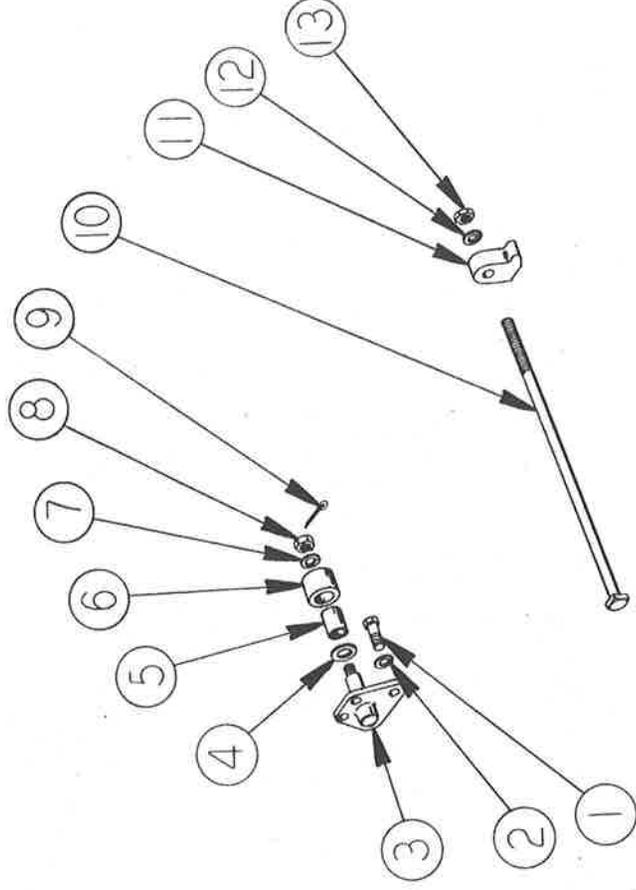
Part No.	Quan.	Description	Ref.No.
12M116	1	Intermediate Shaft Assembly	
Consists of:			
12B35	1	Pinion	344A
12B16	1	Gear	344H
KWT	1	Key	344B
G200	2	Bearing	347A



12M1106 - LOWER DECK MOTOR PINION ASSEMBLY

Part No.	Quan.	Description
12B1100	1	Pinion
12A1101	1	Spacer
G107	1	Bearing

**BE SURE TO GIVE SERIAL NUMBER
OF LOADER WHEN ORDERING PARTS**



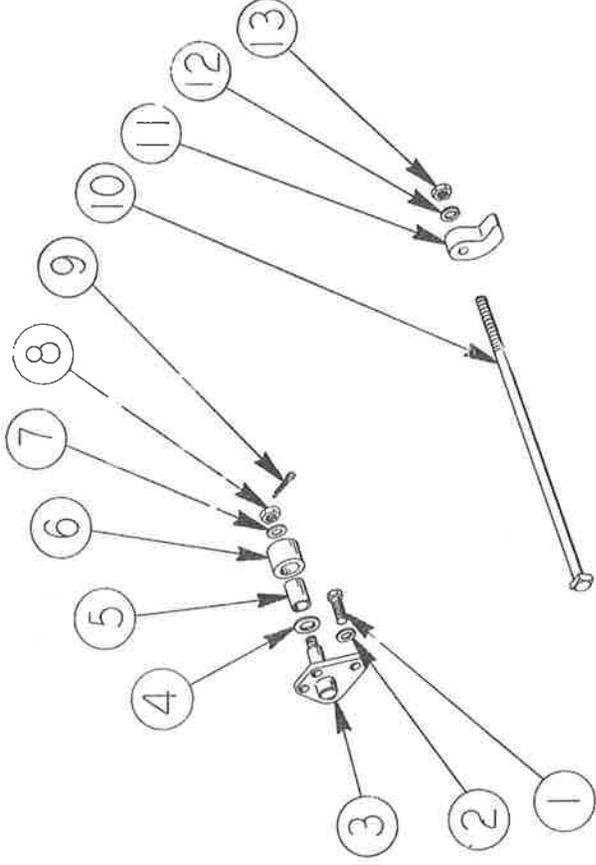
12M1312 CENTERING ROLLER GROUP, "A"
(Includes Items 1 thru 9) 1 Group Required

Item	Part No.	Quan.	Description
1	T12GG28	4	Cap Screw
2	W12GF	4	Lock Washer
3	12B418	1	Anchor
4	12A395	1	Washer
5	12A396	1	Bushing
6	12M399	1	Roller Assembly (Includes Item 5)
7	W14GA	1	Washer
8	T14GV	1	Nut
9	L14I	1	Cotter Pin

12M1310 DIGGING WIDTH GROUP, "A"
(Includes Items 10 thru 13) 1 Group Required

Item	Part No.	Quan.	Description
10	T16GJ240	1	Shaft
11	12A419	6	Stop
12	W16GF	1	Lock Washer
13	T16GG	1	Nut

GIVE MACHINE SERIAL NUMBER WHEN ORDERING PARTS



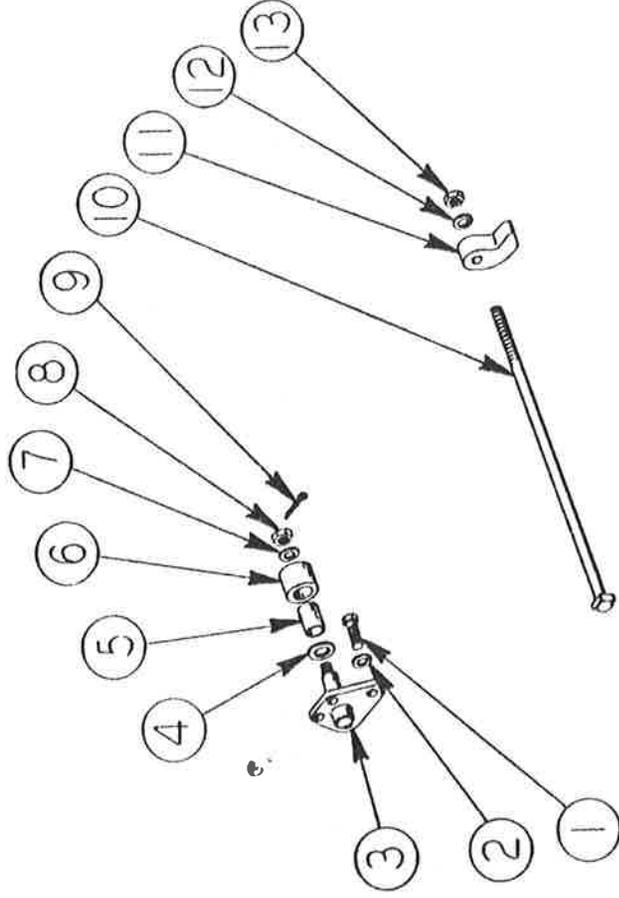
12M143 CENTERING ROLLER GROUP, "B"
 (Includes Items 1 thru 9) 1 Group Required

Item	Part No.	Quan.	Description
1	T12GG28	4	Cap Screw
2	W12GF	4	Lock Washer
3	12B156	1	Anchor
4	12A157	1	Washer
5	12A159	1	Bushing
6	12M144	1	Roller Assembly (Includes Item 5)
7	W14GA	1	Washer
8	T14GV	1	Nut
9	L141	1	Cotter Pin

12M265 DIGGING WIDTH GROUP, "B"
 (Includes Items 10 thru 13) 1 Group Required

Item	Part No.	Quan.	Description
10	T16GJ240	1	Shaft
11	12A161	6	Stop
12	W16GF	1	Lock Washer
13	T16GG	1	Nut

GIVE MACHINE SERIAL NUMBER WHEN ORDERING PARTS



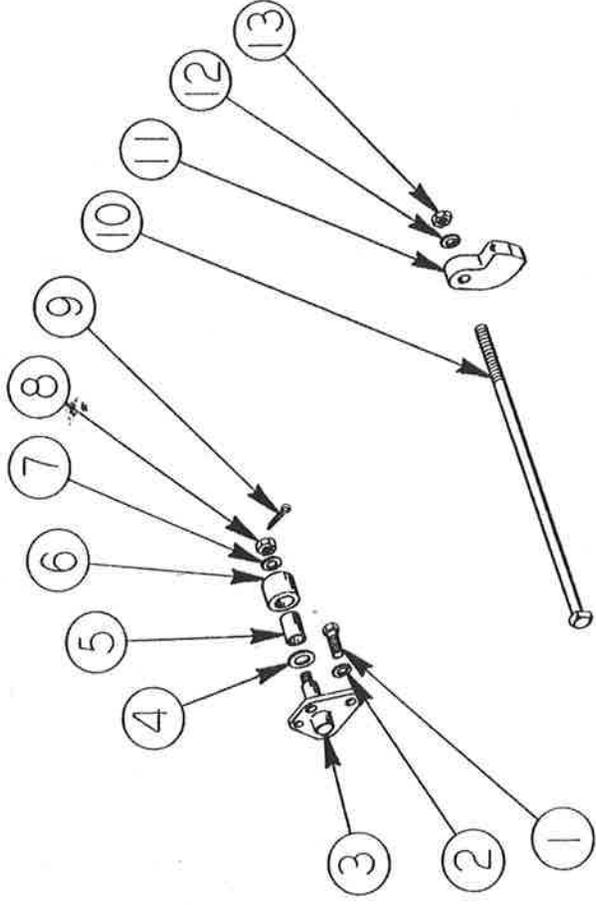
12M426 CENTERING ROLLER GROUP, "B"
(Includes Items 1 thru 9) 1 Group Required

Item	Part No.	Quan.	Description
1	12GG28	4	Cap Screw
2	W12GF	4	Lock Washer
3	12B156	1	Anchor
4	12A395	1	Washer
5	12A396	1	Bushing
6	12M399	1	Roller Assembly (Includes Item 5)
7	W14GA	1	Washer
8	14GV	1	Nut
9	L141	1	Cotter Pin

12M265 DIGGING WIDTH GROUP, "B"
(Includes Items 10 thru 13) 1 Group Required

Item	Part No.	Quan.	Description
10	16GJ228	1	Shaft
11	12A161	6	Stop
12	W16GF	1	Lock Washer
13	16GG	1	Nut

GIVE MACHINE SERIAL NUMBER WHEN ORDERING PARTS



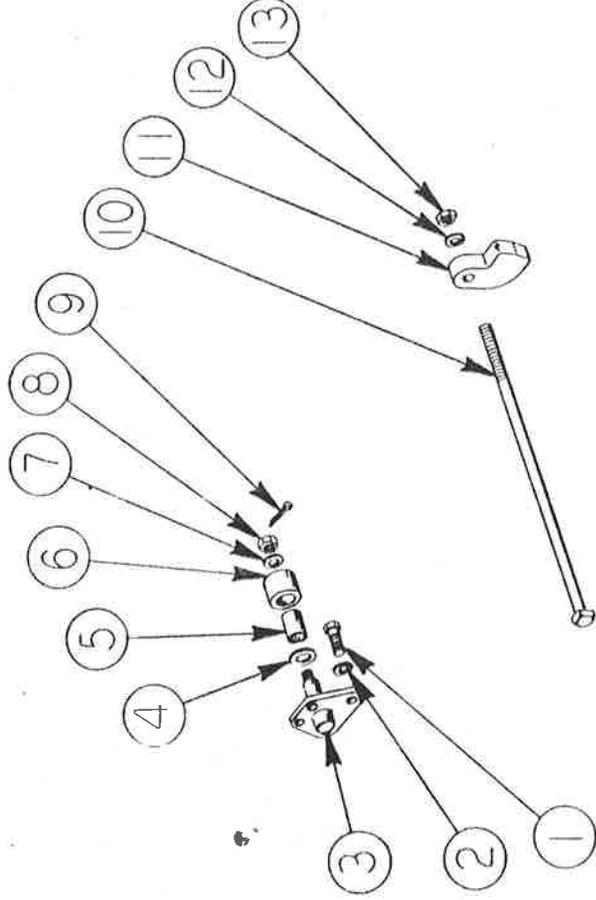
12M146 CENTERING ROLLER GROUP, "C"
 (Includes Items 1 thru 9) 1 Group Required

Item	Part No.	Quan.	Description
1	T12GG32	4	Cap Screw
2	W12GF	4	Lock Washer
3	12B169	1	Anchor
4	12A157	1	Washer
5	12A159	1	Bushing
6	12M144	1	Roller Assembly (Includes Item 5)
7	W14GA	1	Washer
8	14GV	1	Nut
9	L141	1	Cotter Pin

12M266 DIGGING WIDTH GROUP, "C"
 (Includes Items 10 thru 13) 1 Group Required

Item	Part No.	Quan.	Description
10	T16GJ240	1	Shaft
11	12A171	6	Stop
12	W16GF	1	Lock Washer
13	T16GG	1	Nut

GIVE MACHINE SERIAL NUMBER WHEN ORDERING PARTS



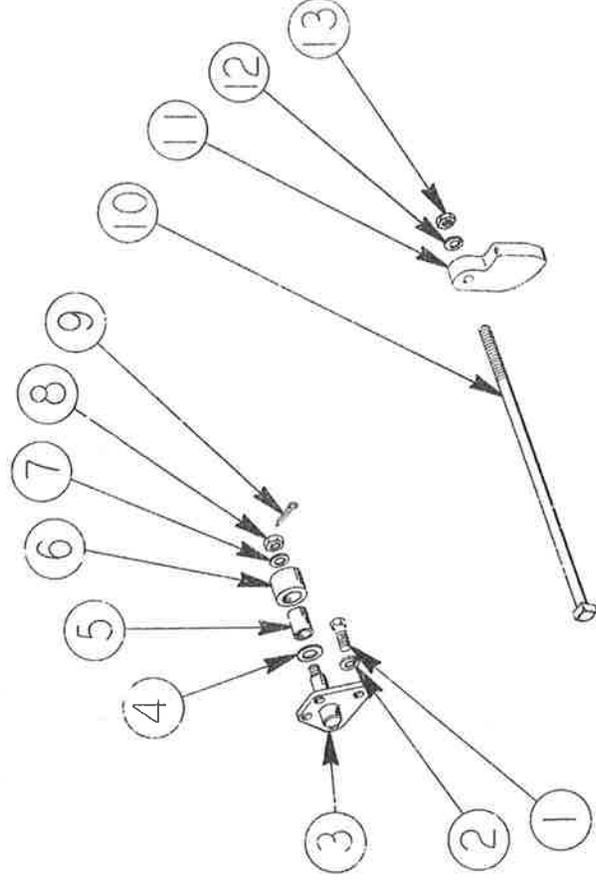
12M427 CENTERING ROLLER GROUP, "C"
 (Includes Items 1 thru 9) 1 Group Required

Item	Part No.	Quan.	Description
1	T12GG32	4	Cap Screw
2	W12GF	4	Lock Washer
3	12B169	1	Anchor
4	12A395	1	Washer
5	12A396	1	Bushing
6	12M399	1	Roller Assembly (Includes Item 5)
7	W14GA	1	Washer
8	T:4GV	1	Nut
9	L:41	1	Cotter Pin

12M266 DIGGING WIDTH GROUP, "C"
 (Includes Items 10 thru 13) 1 Group Required

Item	Part No.	Quan.	Description
10	T16GJ240	1	Shaft
11	12A171	6	Stop
12	W16GF	1	Lock Washer
13	T16GG	1	Nut

GIVE MACHINE SERIAL NUMBER WHEN ORDERING PARTS



12M147 CENTERING ROLLER GROUP, "D"

(Includes Items 1 thru 9) 1 Group Required

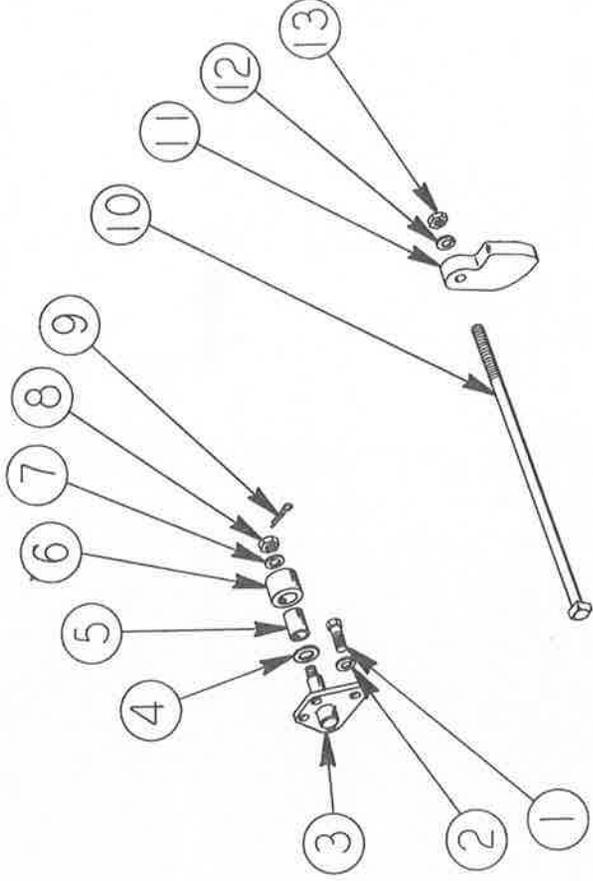
Item	Part No.	Quan.	Description
1	T12GG32	4	Cap Screw
2	W12GF	4	Lock Washer
3	12B175	1	Anchor
4	12A157	1	Washer
5	12A159	1	Bushing
6	12M144	1	Roller Assembly (Includes Item 5)
7	W14GA	1	Washer
8	T14GV	1	Nut
9	L141	1	Cotter Pin

12M267 DIGGING WIDTH GROUP, "D"

(Includes Items 10 thru 13) 1 Group Required

Item	Part No.	Quan.	Description
10	T16GJ240	1	Shaft
11	12A177	6	Stop
12	W16GF	1	Lock Washer
13	T16GG	1	Nut

GIVE MACHINE SERIAL NUMBER WHEN ORDERING PARTS



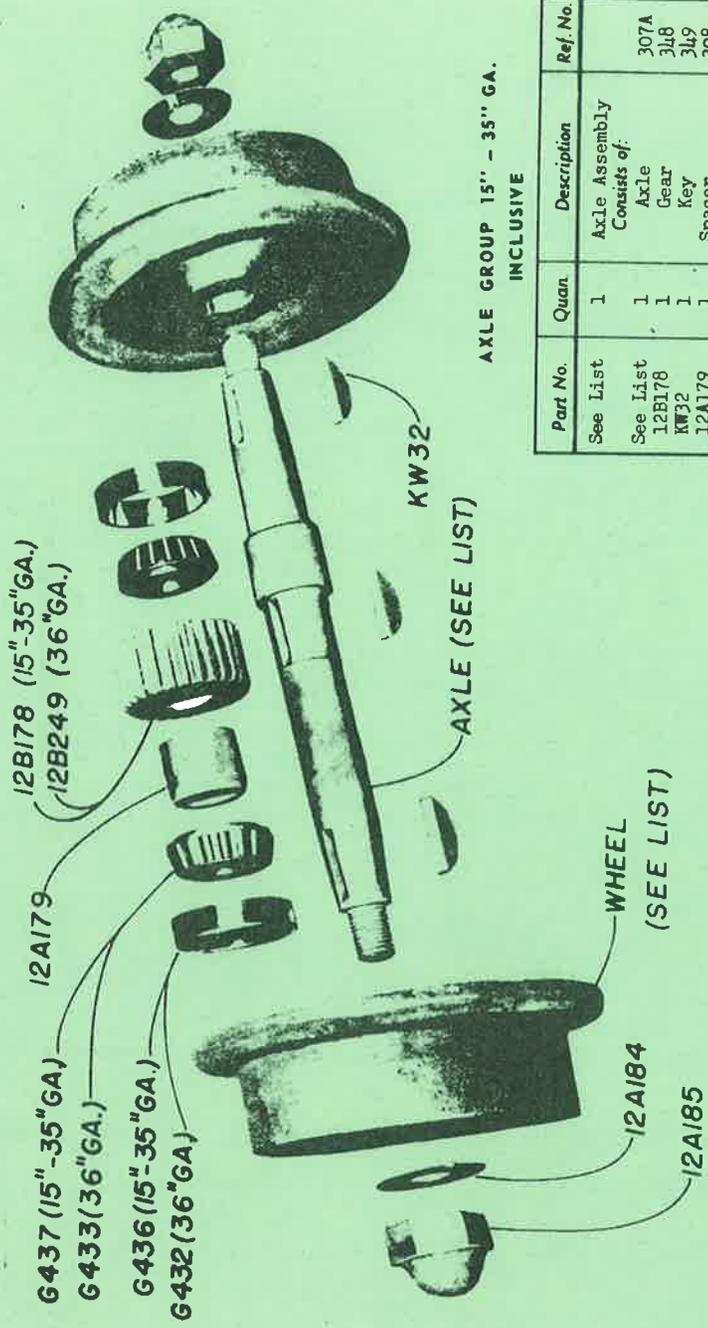
12M428 CENTERING ROLLER GROUP, "D"
 (Includes Items 1 thru 9) 1 Group Required

Item	Part No.	Quan.	Description
1	T12GG32	4	Cap Screw
2	W12GF	4	Lock Washer
3	12B175	1	Anchor
4	12A395	1	Washer
5	12A396	1	Bushing
6	12M399	1	Roller Assembly (Includes Item 5)
7	W14GA	1	Washer
8	T14GV	1	Nut
9	L141	1	Cotter Pin

12M267 DIGGING WIDTH GROUP, "D"
 (Includes Items 10 thru 13) 1 Group Required

Item	Part No.	Quan.	Description
10	T16GJ240	1	Shaft
11	12A177	6	Stop
12	W16GF	1	Lock Washer
13	T16GG	1	Nut

GIVE MACHINE SERIAL NUMBER WHEN ORDERING PARTS



AXLE GROUP 15" - 35" GA.
INCLUSIVE

Part No.	Quan.	Description	Ref. No.
See List	1	Axle Assembly	
See List	1	Axle	307A
12B178	1	Gear	348
KW32	1	Key	349
12A179	1	Spacer	308
G437	2	Cone	314
G436	2	Cup	315
KW32	2	Key	313
See List	2	Wheel	309A
12A184	2	Lockwasher	312A
12A185	2	Nut	311A

AXLE GROUP 36" GA.

Part No.	Quan.	Description	Ref. No.
12M346	1	Axle Assembly	
12A246	1	Axle	307A
12B249	1	Gear	348
KW32	1	Key	349
G433	2	Cone	314
G432	2	Cup	315
KW32	2	Key	313
See List	2	Wheel	309A
12A184	2	Lockwasher	312A
12A185	2	Nut	311A

WHEEL LIST

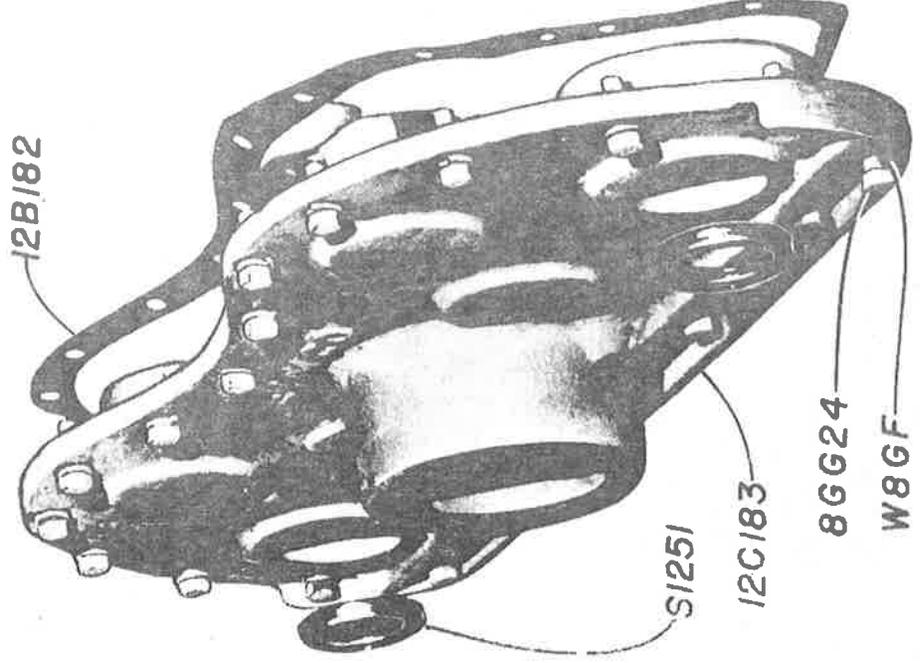
Part No.	Description
12C250	Standard Single Tread, 12" Dia.
12C251	Concave, 12" Dia. (17" Gauge)
12C379	Concave, 12" Dia. (16" & 16 1/8" GA.)
12C262	Concave, 12" Dia. (15" Gauge)
12C263	10" Dia., Single Tread
12C298	8 1/2" Dia., Single Tread
12C299	12" Dia., Double Tread

AXLE LIST

In.	Gage mm.	Axle No.	Axle Assbly. No.
15	380	12A201	12M301
16	410	12A202	12M302
16 1/2	420	12B205	12M305
17	430	12B205	12M305
17-11/16	450	12A204	12M304
18	460	12A205	12M305
18 1/8	470	12A207	12M307
18-7/8	480	12A209	12M309
19-5/16	490	12A211	12M311
19-5/8	500	12A212	12M312
20	510	12A214	12M314
20-3/8	520	12A216	12M316
20-3/4	530	12A218	12M318
21 1/4	540	12A220	12M320
21-5/8	550	12A221	12M321
22	560	12A222	12M322
22-3/8	570	12A224	12M324
22-3/4	580	12A225	12M325
23-1/8	590	12A226	12M326

AXLE LIST (Cont.)

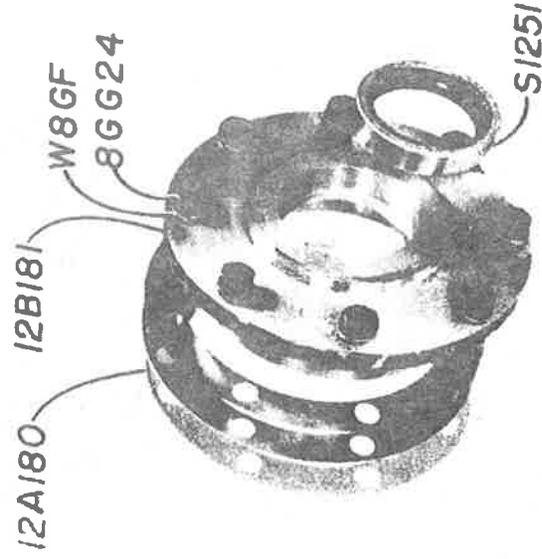
In.	Gage mm.	Axle No.	Axle Assbly. No.
23-5/8	600	12A228	12M328
24	610	12A229	12M329
24-5/8	625	12A230	12M330
25-1/8	640	12A232	12M332
25 1/2	650	12A233	12M333
26	660	12A234	12M334
26-3/8	670	12A235	12M335
26-3/4	680	12A236	12M336
27-1/8	690	12A237	12M337
27 1/2	700	12A239	12M339
28	710	12A240	12M340
28-3/8	720	12A241	12M341
29	735	12A248	12M348
29 1/2	750	12A242	12M342
30	760	12A247	12M347
31 7/16	800	12A244	12M344
33 1/2	850	12A244	12M344
36	915	12A246	12M346



12M254 - L. D. COVER GROUP
15" - 35"GA. INCL.

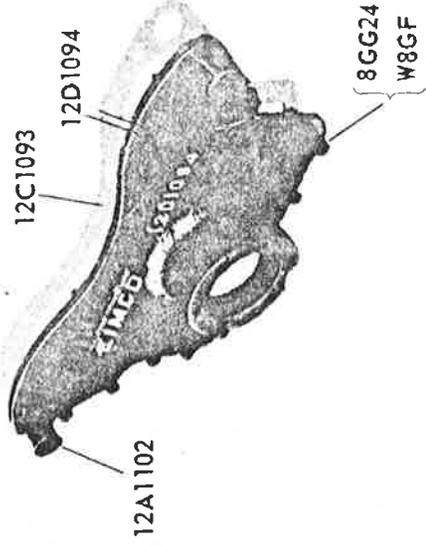
Part No.	Quan.	Description	Ref. No.
12C183	1	Cover	319
12B182	1	Gasket	320
8GG24	22	Capscrew	
W8GF	22	Lockwasher	
S1251	2	Seal	316

**BE SURE TO GIVE SERIAL
NUMBER OF LOADER
WHEN ORDERING PARTS**



12M253 - AXLE CAP GROUP
15" - 35"GA. INCL.

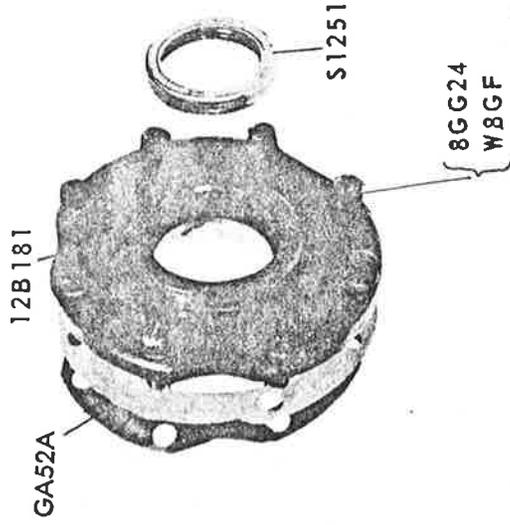
Part No.	Quan.	Description	Ref. No.
12B181	1	Axle Cap	317
12A180	1 set	Shim	318
8GG24	8	Capscrew	
W8GF	8	Lockwasher	
S1251	1	Seal	316



LOWER DECK COVER ASSEMBLY - 12M1107

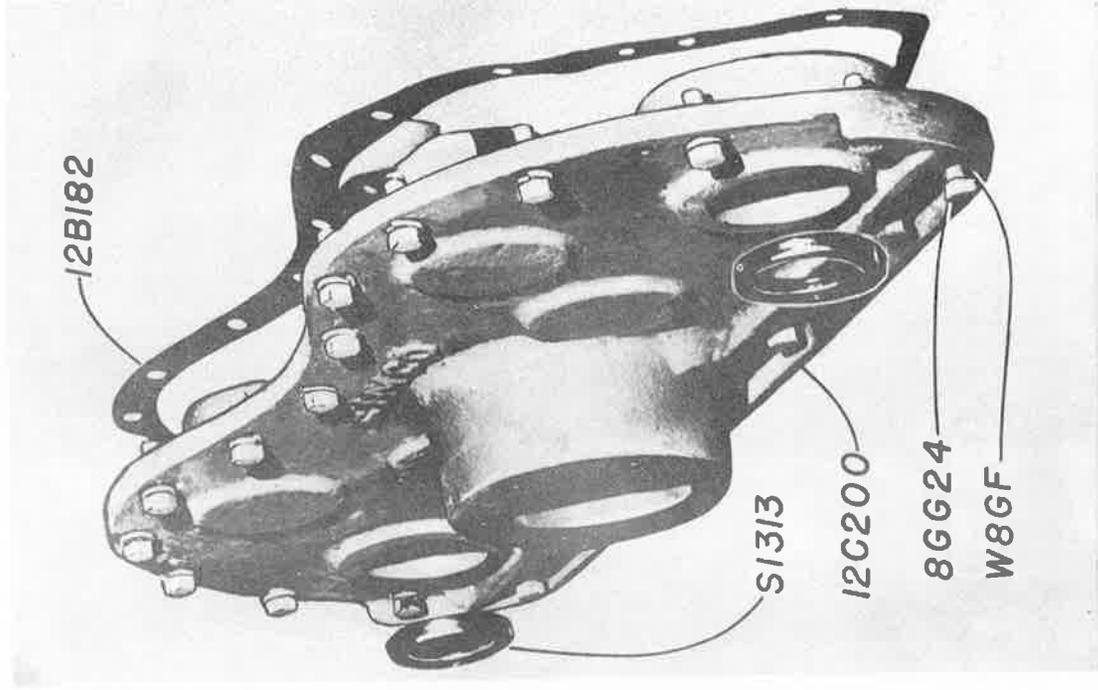
Part No.	Quan.	Description
12D1094	1	Cover
12C1093	1	Gasket
8GG24	20	Cap Screw
W8GF	20	Lock Washer
12A1102	2	Dowel

**BE SURE TO GIVE SERIAL NUMBER
OF LOADER WHEN ORDERING PARTS**



AXLE CAP GROUP - 12M253
15" - 35" Ga. Inclusive

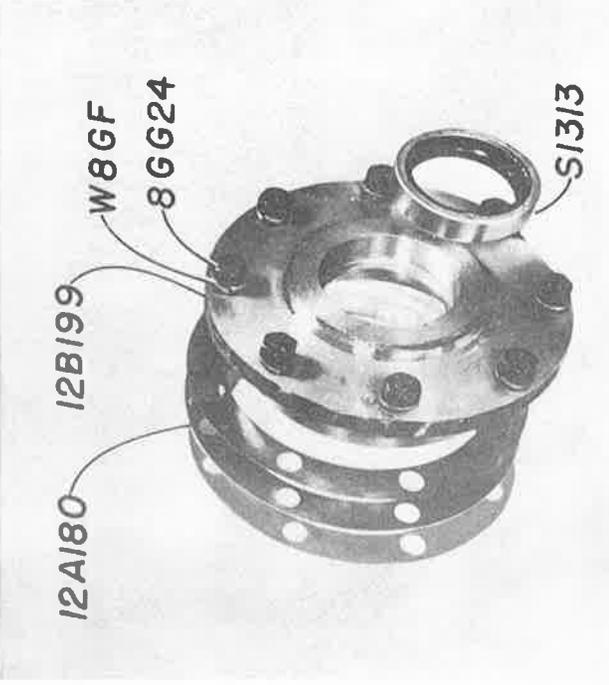
Part No.	Quan.	Description	Ref.No.
12B181	1	Axle Cap	317
GA52A	1 Set	Shim	318
8GG24	8	Cap Screw	
W8GF	8	Lock Washer	
S1251	1	Seal	316



12M257 - L. D. COVER GROUP
36" GA.

Part No.	Quan.	Description	Ref. No.
12C200	1	Cover	319
12B182	1	Gasket	320
8GG24	22	Capscrew	
W8GF	22	Lockwasher	
S1313	2	Seal	316

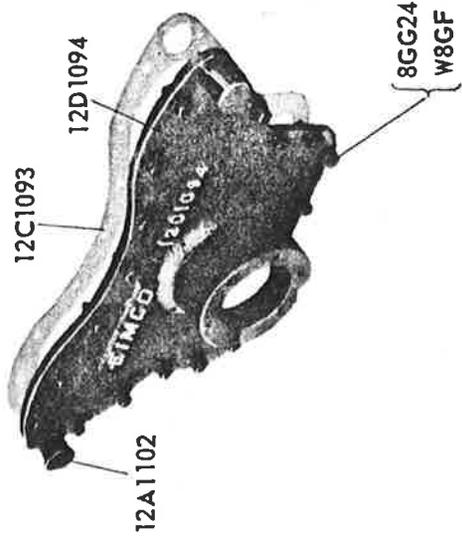
**BE SURE TO GIVE SERIAL
NUMBER OF LOADER
WHEN ORDERING PARTS**



12M256 - AXLE CAP GROUP
36" GA.

Part No.	Quan.	Description	Ref. No.
12B199	1	Axle Cap	317
12A180	1 set	Shim	318
8GG24	8	Capscrew	
W8GF	8	Lockwasher	
S1313	1	Seal	316

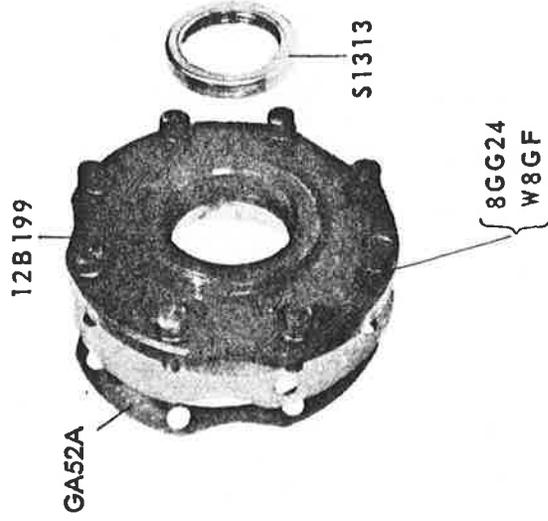
When ordering parts always give the serial number of the loader, together with the name, parts number, and quantity of each part required.



LOWER DECK COVER ASSEMBLY - 12M1107

Part No.	Quan.	Description
12D1094	1	Cover
12C1093	1	Gasket
8GG24	20	Cap Screw
W8GF	20	Lock Washer
12A1102	2	Dowel

**BE SURE TO GIVE SERIAL NUMBER
OF LOADER WHEN ORDERING PARTS**

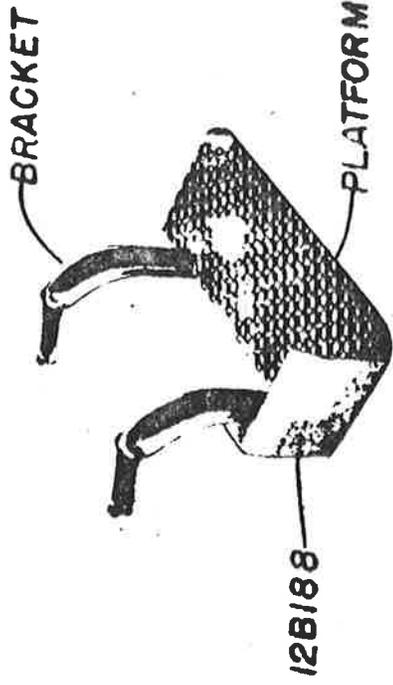


AXLE CAP GROUP - 12M256
36" Ga.

Part No.	Quan.	Description	Ref. No.
12B199	1	Axle Cap	317
GA52A	1 Set	Shim	318
8GG24	8	Cap Screw	
W8GF	8	Lock Washer	
S1313	1	Seal	316



EMCO T.M.D — ENVROTECH CORPORATION — SALT LAKE CITY, UTAH 84110, U.S.A.



Part No.	Quan.	Description	Ref. No.
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12M258 - PLATFORM GROUP 15" - 18"GA. INCL.

12B186	1	Platform	434
12C187	2	Bracket	433
12B188	1	Toe Guard	

12M259 - PLATFORM GROUP 18 $\frac{1}{4}$ " - 24"GA. INCL.

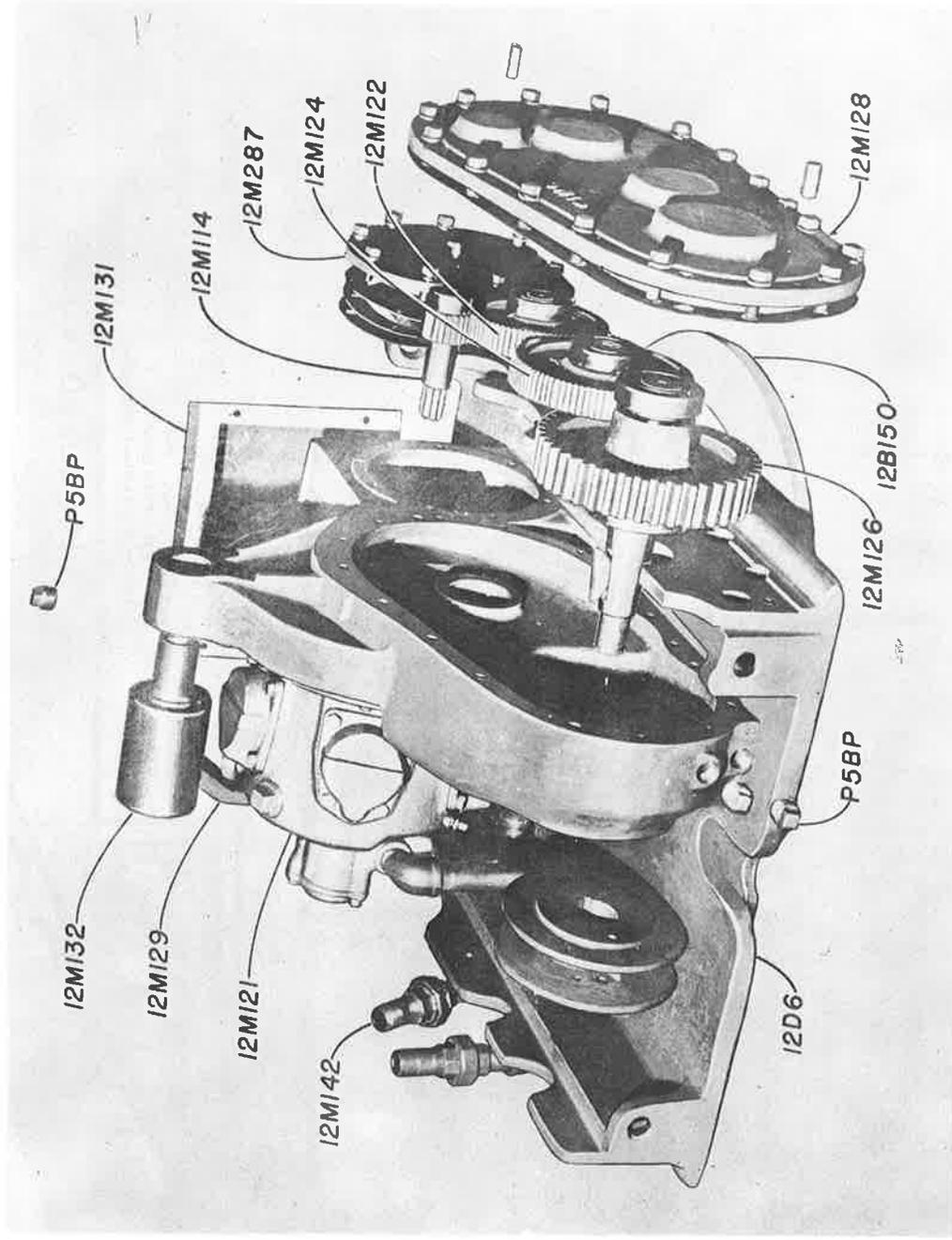
12B189	1	Platform	434
12C190	2	Bracket	433
12B188	1	Toe Guard	

12M260 - PLATFORM GROUP 24-5/8" - 35"GA. INCL.

12B189	1	Platform	434
12C191	2	Bracket	433
12B188	1	Toe Guard	

12M261 - PLATFORM GROUP 36"GA.

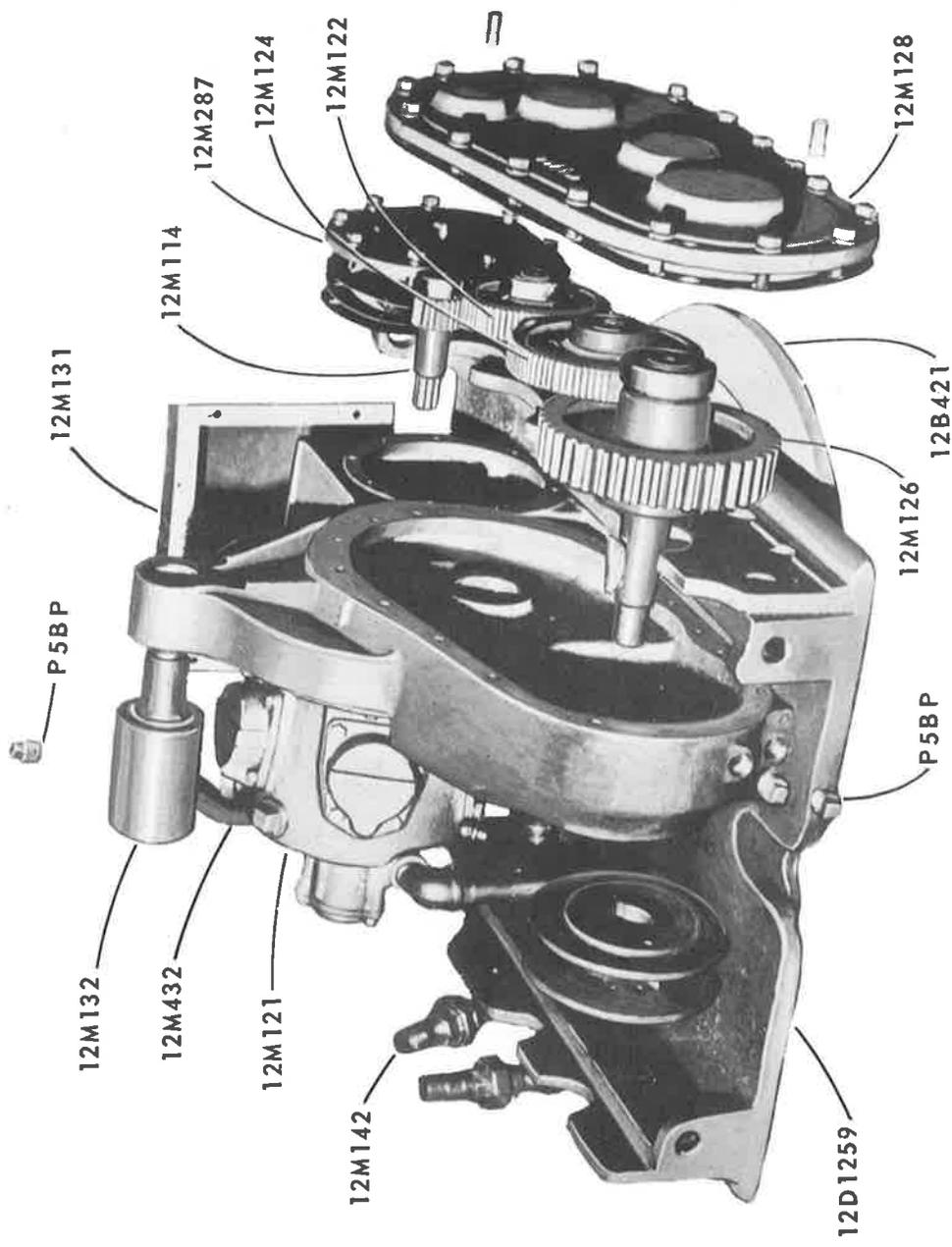
12B189	1	Platform	434
12C192	2	Bracket	433
12B188	1	Toe Guard	



U P P E R D E C K C O M P L E T E

Part No.	Quan.	Description
12D6	1	Upper Deck
12M114	1	Motor Pinion Group
12M122	1	Idler Group
12M124	1	Intermediate Group
12M126	1	Chain Reel Group
12M128	1	Housing Cover Group
12M131	1	Centering Cover Group
12M287	1	Centering Cap Group
12M129	1	Centering Group
12M132	1	Chain Roller Group
12M121	1	Bucket Motor Group
12M142	1	Bucket Air Fittings
P5BP	3	Plug
12B150	1	Ball Race

BE SURE TO GIVE SERIAL NUMBER OF LOADER WHEN ORDERING PARTS

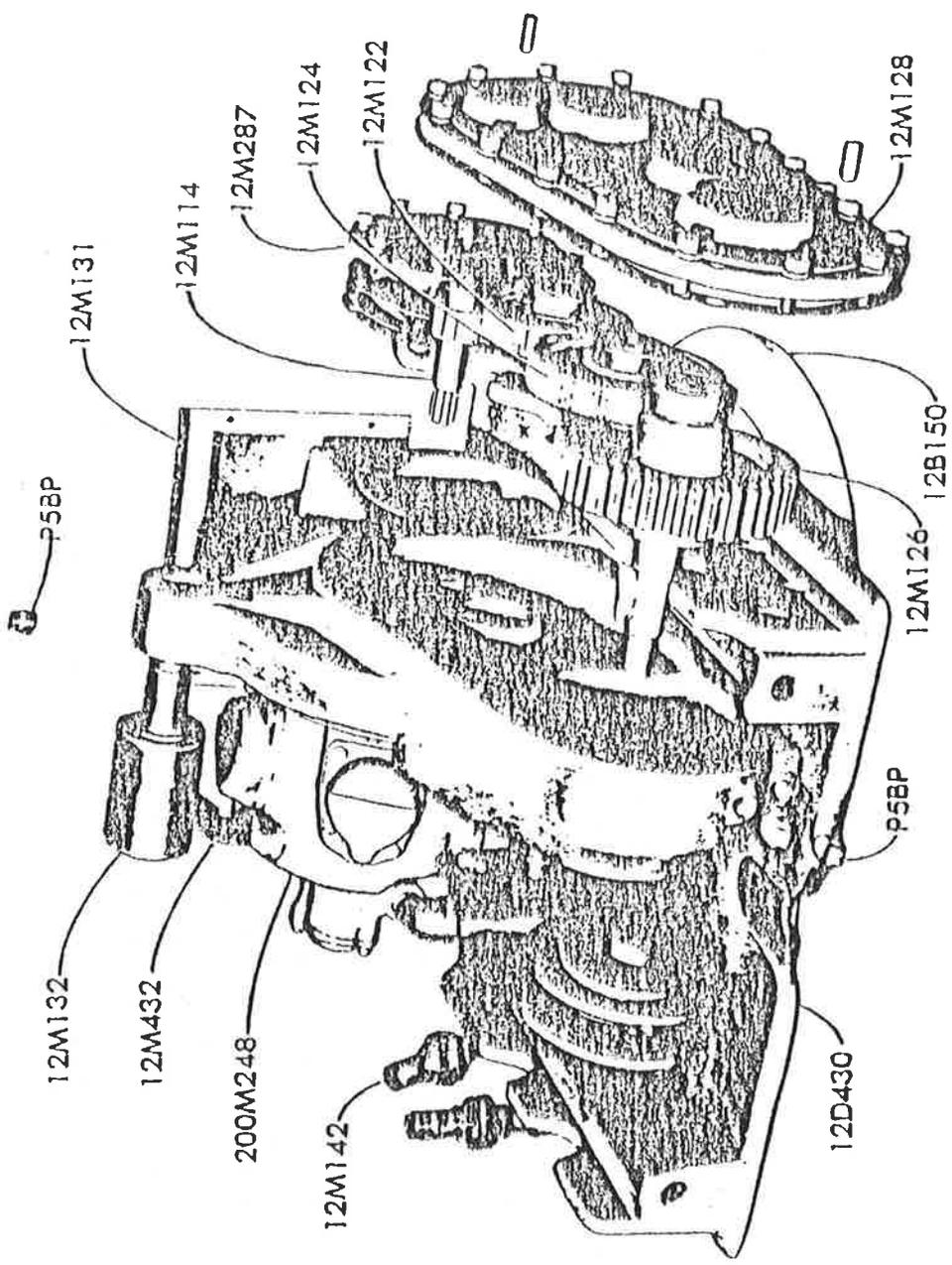


12M1313

UPPER DECK COMPLETE
A DECK MACHINE

Part No.	Quan.	Description
12D1259	1	Upper Deck
12M114	1	Motor Pinion Group
12M122	1	Idler Group
12M124	1	Intermediate Group
12M126	1	Chain Reel Group
12M128	1	Housing Cover Group
12M131	1	Centering Cover Group
12M287	1	Centering Cap Group
12M432	1	Centering Group
12M132	1	Chain Roller Group
12M121	1	Bucket Motor Group
12M142	1	Bucker Air Fittings
P5BP	3	Plug
12B421	1	Ball Race.

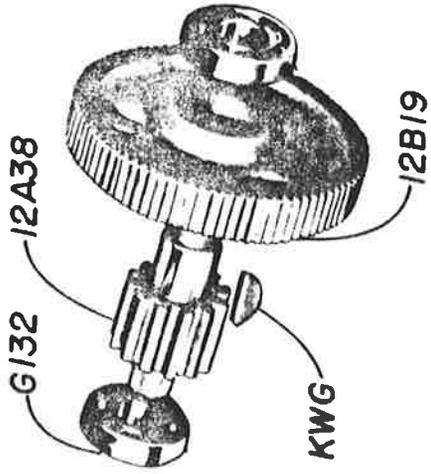
BE SURE TO GIVE SERIAL NUMBER OF LOADER WHEN ORDERING PARTS



UPPER DECK COMPLETE

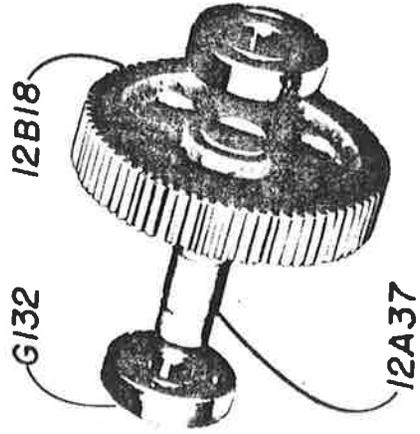
Part No.	Quan.	Description
12D430	1	Upper Deck
12M114	1	Motor Pinion Group
12M122	1	Idler Group
12M124	1	Intermediate Group
12M126	1	Chain Reel Group
12M128	1	Housing Cover Group
12M131	1	Centering Cover Group
12M287	1	Centering Cap Group
12M432	1	Centering Group
12M132	1	Chain Roller Group
200M248	1	Bucket Motor Group
12M142	1	Bucket Air Fittings
P5BP	3	Plug
12B150	1	Bail Race

BE SURE TO GIVE SERIAL NUMBER OF LOADER WHEN ORDERING PARTS



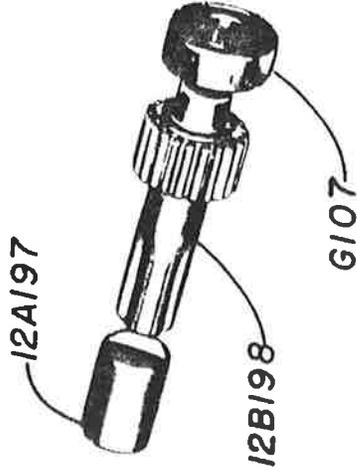
12M124
U. D. I N T E R M E D I A T E G R O U P

Part No.	Quan.	Description	Ref. No.
G132	2	Bearing	383
12M125	1	Intermediate Shaft Assbly. Consists of:	
12B19	1	Gear	382
12A38	1	Pinion	382A
KWG	1	Key	382B



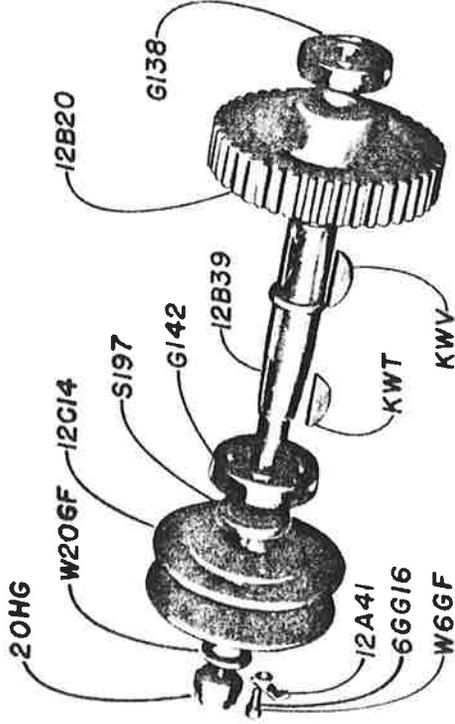
12M122
U P P E R D E C K I D L E R G R O U P

Part No.	Quan.	Description	Ref. No.
G132	2	Bearing	381
12M123	1	Idler Shaft Assembly Consists of:	
12A37	1	Shaft	380A
12B18	1	Gear	380



12M114 U P P E R D E C K
M O T O R P I N I O N G R O U P

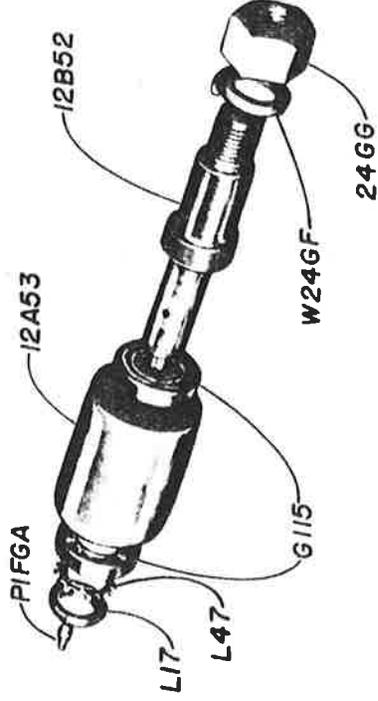
Part No.	Quan.	Description	Ref. No.
12B198	1	Pinion	323
12A197	1	Spacer	324
G107	1	Bearing	324



1 2 M 1 2 6

CHAIN REEL GROUP

Part No.	Quan.	Description	Ref. No.
G138	1	Bearing	385
G142	1	Bearing	386
S197	1	Grease Seal	387
12C14	1	Chain Reel Lock	366
12A41	1	Lock	409
6GG16	1	Capscrew	
W6GF	1	Lockwasher	
12M127	1	Chain Reel Shaft Assbly	
		Consists of:	
12B20	1	Gear	384
12B39	1	Shaft	384A
KWV	1	Key	384B
KWT	1	Key	367
W206F	1	Lockwasher	
20HG	1	Nut	368

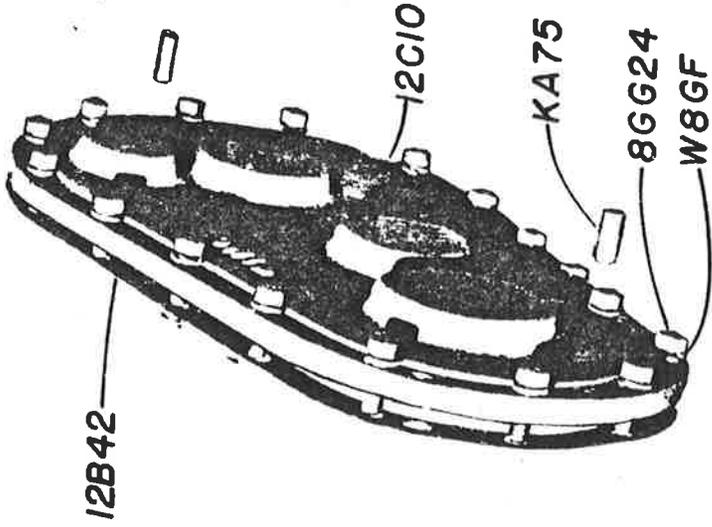


1 2 M 1 3 2

CHAIN ROLLER GROUP

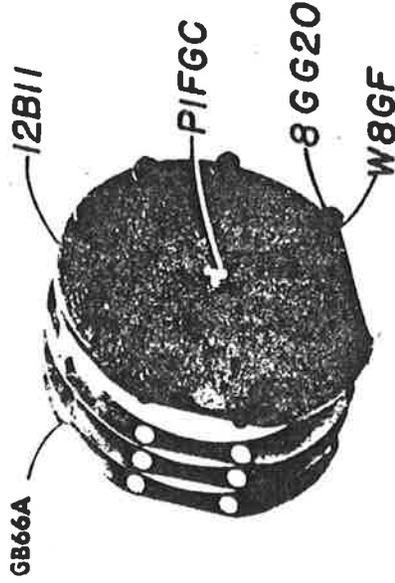
Part No.	Quan.	Description	Ref. No.
12B52	1	Shaft	372A
G115	2	Bearing	371A
12A53	1	Chain Roller	370A
L47	1	Lockwasher	
L17	1	Lock Nut	
PIFGA	1	Grease Fitting	
W24GF	1	Lockwasher	
24GG	1	Nut	

BE SURE TO GIVE SERIAL NUMBER OF LOADER WHEN ORDERING PARTS



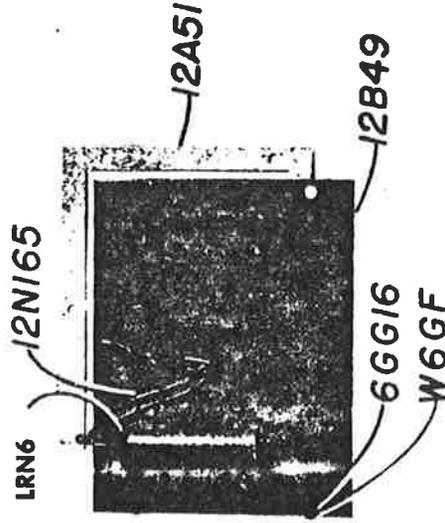
12M128
UPPER DECK HOUSING COVER GROUP

Part No.	Quan.	Description	Ref. No.
12C10	1	Cover	376
12B42	1	Gasket	377
KA75	2	Dowel Pin	
8GG24	17	Capscrew	
W8GF	17	Lockwasher	



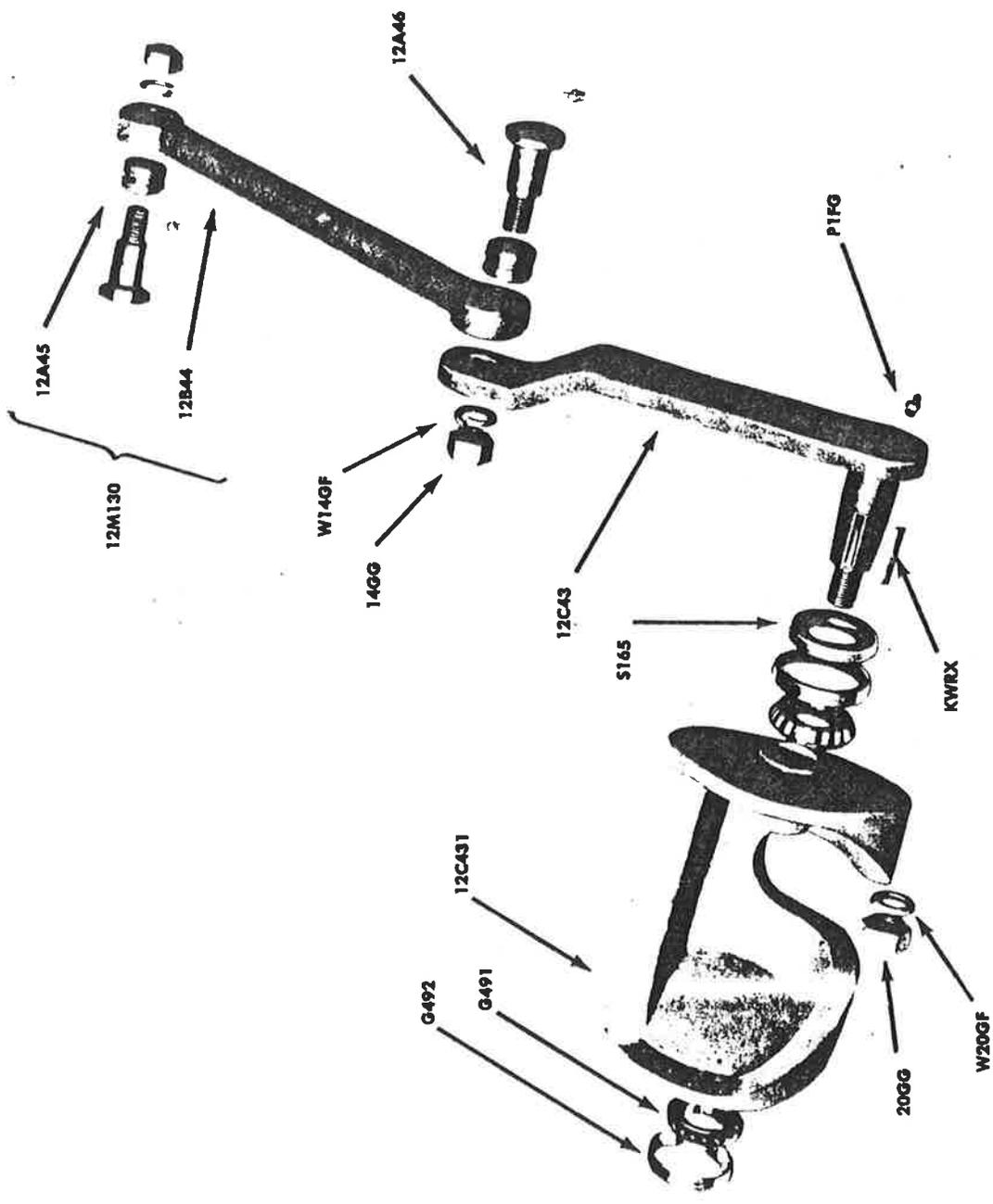
12M287
CENTERING CAP GROUP

Part No.	Quan.	Description	Ref. No.
12B11	1	Cap	424
GB66A	1 set	Shim	425
8GG20	8	Capscrew	
W8GF	8	Lockwasher	
PIFGC	1	Grease Fitting	



12M131
CENTERING COVER GROUP

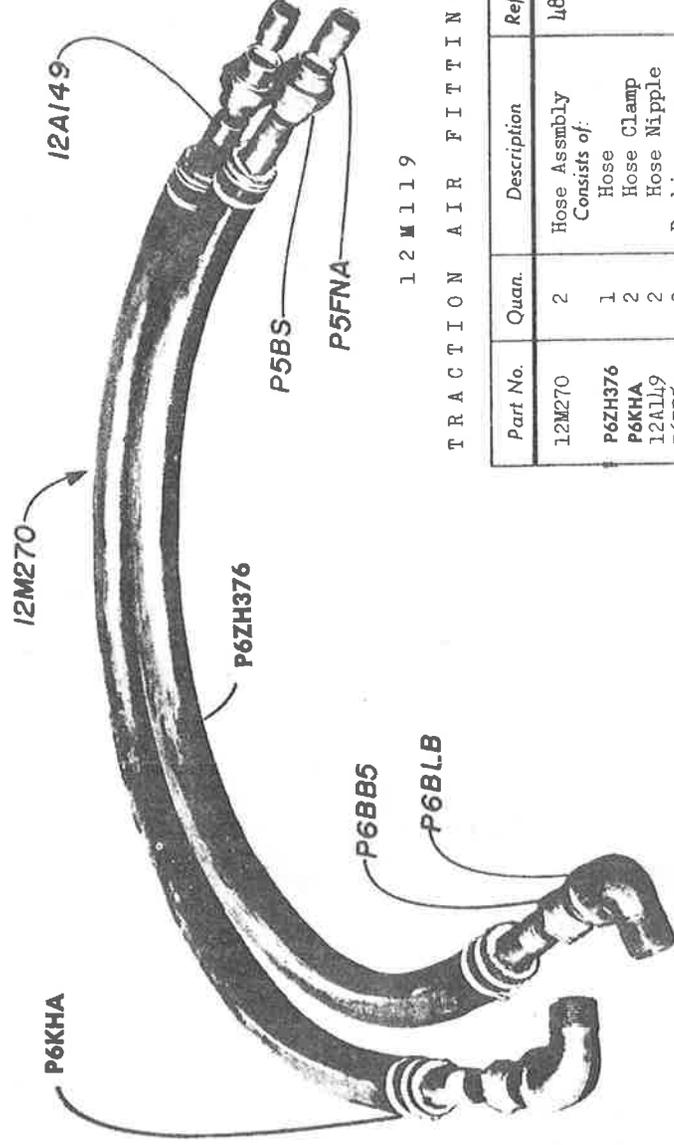
Part No.	Quan.	Description	Ref. No.
12B19	1	Cover	435
LRN6	1	Pin	
12N165	1	Chain	
12A51	1	Gasket	436
6GG16	5	Capscrew	
W6GF	5	Lockwasher	



12M432 — CENTERING GROUP

Part No.	Quan.	Description	Ref. No.
12C431	1	Drum	421
G491	2	Bearing Cone	422
G492	2	Bearing Cup	422
S165	1	Grease Seal	423
12C43	1	Drive Lever	426
KWRX	1	Key	427
W20GF	1	Lock Washer	428
20GG	1	Nut	429
P1FG	3	Grease Fitting	
12M130	1	Centering Link Assy.	
		Consists of:	
12B44	1	Link	430
12A45	2	Bushing	432
12A46	2	Link Pin	431
W140F	2	Lock Washer	
14GG	2	Nut	

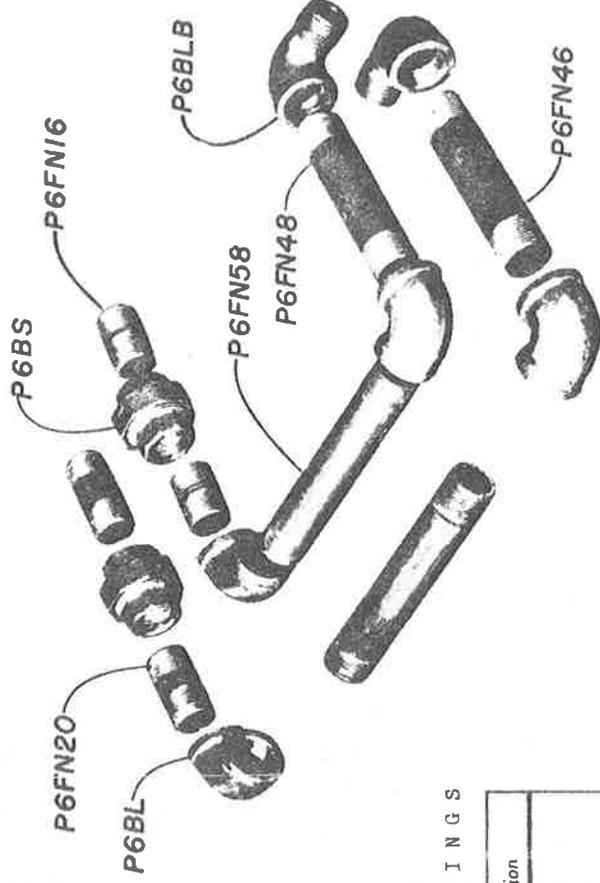
GIVE MACHINE SERIAL NUMBER WHEN ORDERING PARTS



1 2 M 1 1 9

T R A C T I O N A I R F I T T I N G S

Part No.	Quan.	Description	Ref. No.
12M270	2	Hose Assembly	480-B
Consists of:			
P6ZH376	1	Hose	
P6KHA	2	Hose Clamp	
12A149	2	Hose Nipple	
P6BB5	2	Bushing	
P6BBLB	2	Street Ell	
P5BS	2	Union	
P5FNA	2	Nipple	

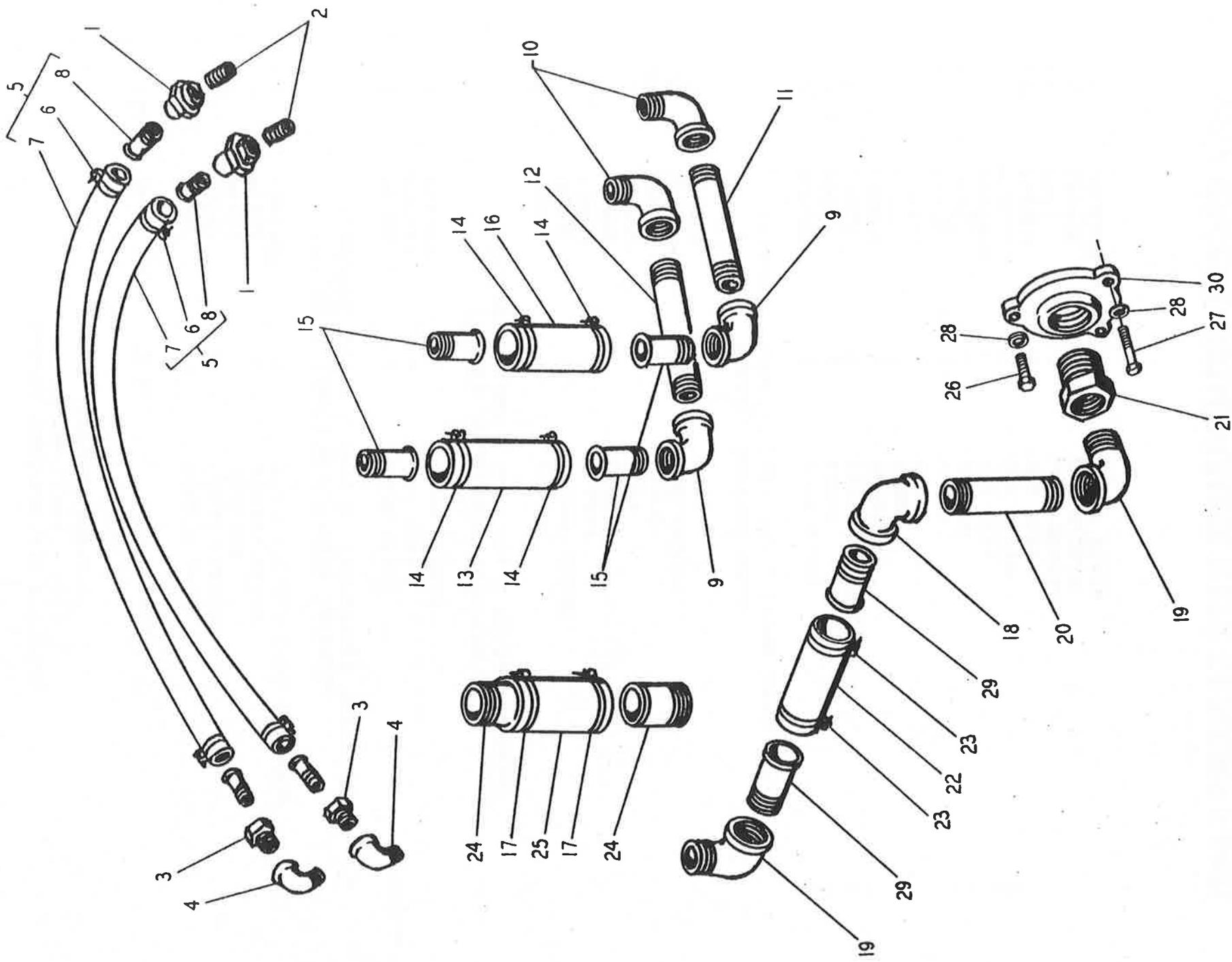


1 2 M 1 1 4

B U C K E T A I R F I T T I N G S

Part No.	Quan.	Description
P6FN20	3	Nipple
P6BS	2	Union
P6BL	4	Ell
P6FN58	2	Nipple
P6FN46	1	Nipple (Front)
P6BBLB	2	Street Ell
P6FN16	1	Nipple (Rear)
P6FN48	1	Nipple (Rear)

BE SURE TO GIVE SERIAL NUMBER OF LOADER WHEN ORDERING PARTS





12M119 TRACTION AIR FITTINGS
 (Includes Items 1 thru 5)
 1 Group Required

Item	Part No.	Quan.	Description
1	P5BS	2	Female Union
2	P5FNA	2	Close Nipple
3	P6BB5	2	Bushing
4	P6BLB	4	Street Elbow
5	12M270*	2	Traction Air Hose Assembly

* 12M270 TRACTION AIR HOSE ASSEMBLY
 (Includes Items 6 thru 8) Two Groups Required

6	P6KHA	2	Hose Clamp
7	P6ZH376	1	Air Hose
8	12A149	2	Hose Nipple

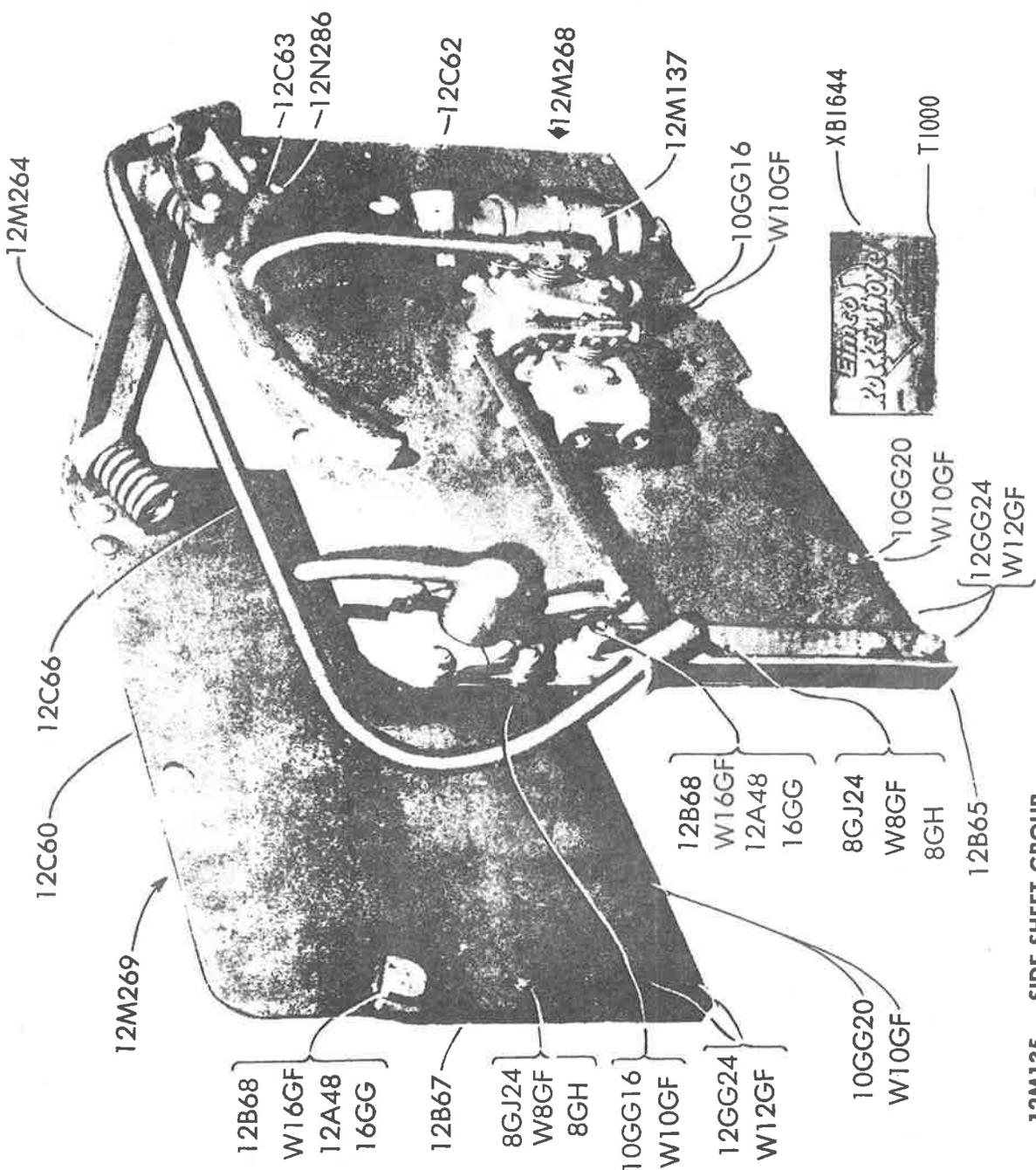
12M2285 BUCKET AIR FITTINGS
 (Includes Items 9 thru 16) 1 Group Required

9	P6BL	2	Elbow
10	P6BLB	2	Street Elbow
11	P6MNA46	1	Nipple
12	P6MNA48	1	Nipple
13	P7ZR44	1	Hose
14	P8FHB	4	Clamp
15	630A4608	4	End Nipple
16	P7ZR36	1	Hose

12M2284 MUFFLER GROUP
 (Includes Items 17 thru 30) 1 Group Required

17	P10FHB	2	Hose Clamp
18	P6BL	1	Elbow
19	P6BLB	2	Street Elbow
20	P6MNA36	1	Nipple
21	P7BB6	1	Reducer
22	P7ZR44	1	Hose
23	P8FHB	2	Clamp
24	P8MNA	2	Nipple
25	P89ZF40	1	Air Hose
26	T6GG14	1	Cap Screw
27	T6GG64	2	Cap Screw
28	W6GF	3	Lock Washer
29	4A5608	2	End Nipple
30	200B195	1	Cover Plate

GIVE MACHINE SERIAL NUMBER WHEN ORDERING PARTS



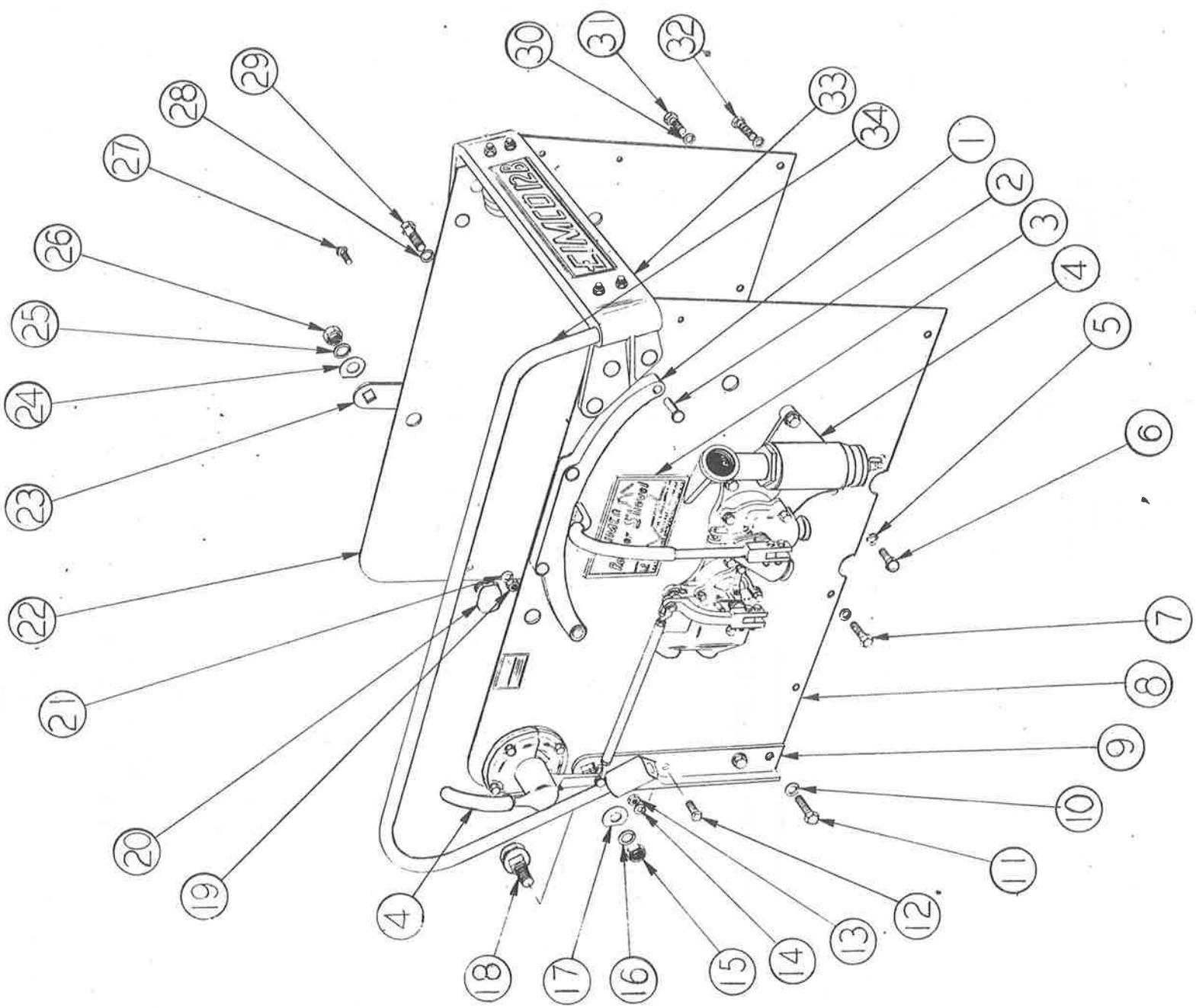
12M135 - SIDE SHEET GROUP

Part No.	Quan.	Description
12M268	1	Operator's Side Sheet Assembly Consists of:
12C62	1	Side Sheet
12M137	1	Control Group
12C63	1	Bucket Quadrant
12N286	4	Rivets
XB1644	1	Name Plate
12B65	1	Bracket
12GG24	2	Cap Screw
W12GF	2	Lock Washer
8GJ24	1	Machine Bolt
W8GF	1	Lock Washer
8GH	1	Nut
12B68	1	Thrust Stop
W16GF	1	Lock Washer
12A48	1	Washer
16GG	1	Nut
10GG20	4	Cap Screw
10GG16	1	Cap Screw
W10GF	5	Lock Washer
T1000	8	RIVET

12M135 - (Cont.)

Part No.	Quan.	Description
12M269	1	Opposite Operator's Side Sheet Consists of:
12C60	1	Side Sheet
12B67	1	Bracket
12GG24	2	Cap Screw
W12GF	2	Lock Washer
8GJ24	1	Machine Bolt
W8GF	1	Lock Washer
8GH	1	Nut
12B68	1	Thrust Stop
W16GF	1	Lock Washer
12A48	1	Washer
16GG	1	Nut
10GG20	4	Cap Screw
10GG16	1	Cap Screw
W10GF	5	Lock Washer
12M264	1	Bumper Group (See Page 17)
12C66	1	Operator's Guard Bar

BE SURE TO GIVE SERIAL NUMBER OF LOADER WHEN ORDERING PARTS





12M135 SIDE SHEET GROUP

(Includes One 12M268, One 12M269 and Items 33 and 34) 1 Group Required

12M268 OPERATOR SIDE SHEET ASSEMBLY

(Includes Items 1 thru 18) 1 Assembly Required

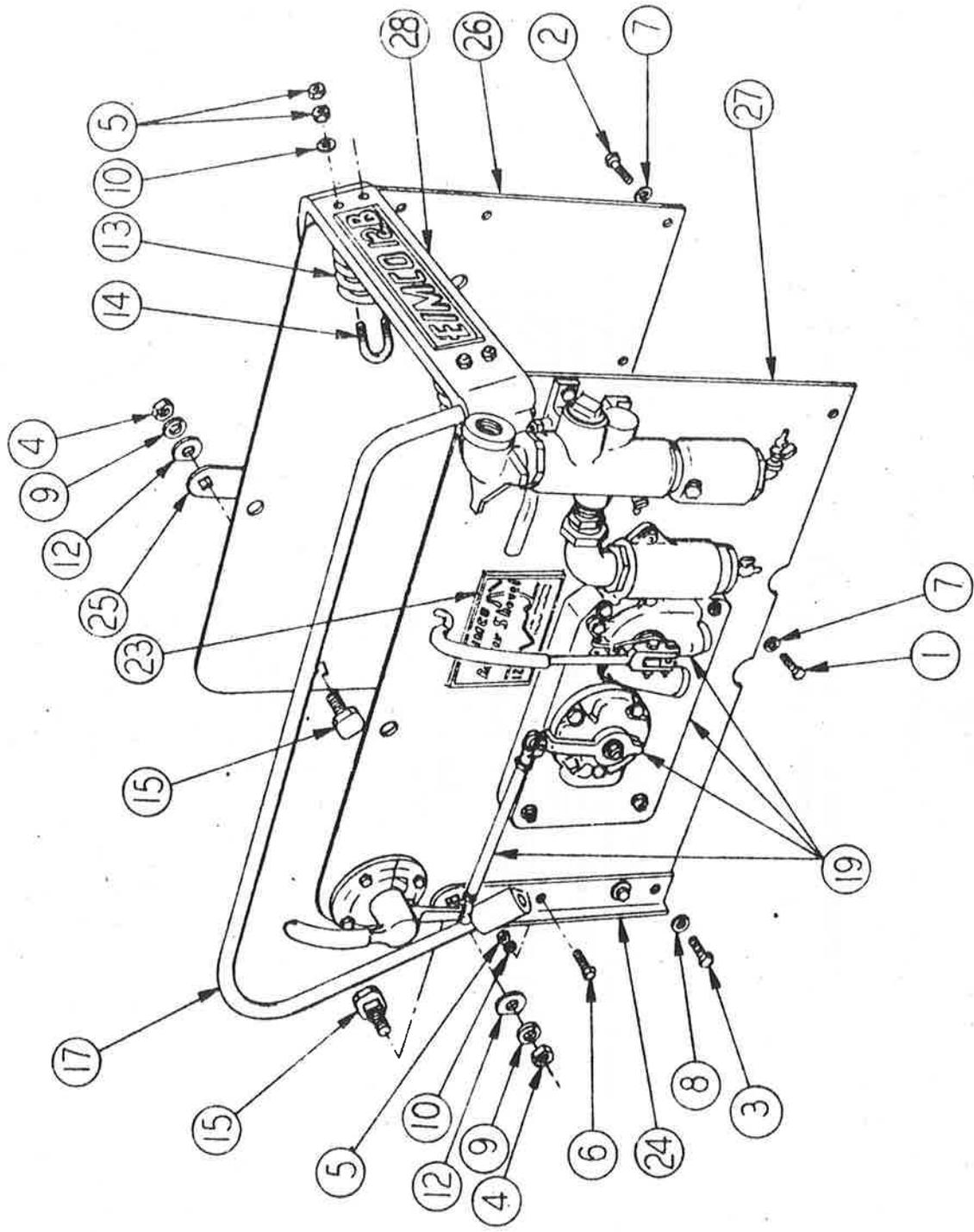
Item	Part No.	Quan.	Description
1	12C63	1	Quadrant
2	12A286	4	Rivet
3	12A64	1	Name Plate
4	12M137	1	Control Group (See Page 16)
5	W10GF	5	Lock Washer
6	T10GG16	1	Cap Screw
7	T10GG20	4	Cap Screw
8	12C62	1	Side Sheet
9	12B65	1	Bracket
10	W12GF	2	Lock Washer
11	T12GG24	2	Cap Screw
12	T8GJ24	1	Bolt
13	T8GH	1	Nut
14	W8GF	1	Lock Washer
15	T16GG	1	Nut
16	W16GF	1	Lock Washer
17	12A48	1	Washer
18	12B68	1	Thrust Stop

M012-00269 OPPOSITE OPERATOR SIDE SHEET ASSEMBLY

(Includes Items 19 thru 32) 1 Assembly Required

19	T8GG	1	Nut
20	12B68	1	Thrust Stop
21	W8GF	1	Lock Washer
22	12C60	1	Side Sheet
23	12B67	1	Bracket
24	12A48	1	Washer
25	W16GF	1	Lock Washer
26	T16GG	1	Nut
27	T8GJ24	1	Bolt
28	W12GF	2	Lock Washer
29	T12GG24	2	Cap Screw
30	W10GF	5	Lock Washer
31	T10GG16	1	Cap Screw
32	T10GG20	4	Cap Screw
33	12M264	1	Bumper Group (See Page 17)
34	12C66	1	Guard Bar

GIVE MACHINE SERIAL NUMBER WHEN ORDERING PARTS





12M2306 SIDE SHEET AND CONTROL GROUP

(Includes Items 1 Thru 22) 1 Group Required

Item	Part No.	Quan.	Description
1	T10GG16	2	Cap Screw
2	T10GG20	8	Cap Screw
3	T12GG24	4	Cap Screw
4	T16GG	2	Nut
5	T8GH	6	Nut
6	T8GJ24	2	Machine Bolt
7	W10GF	6	Lock Washer
8	W12GF	4	Lock Washer
9	W16GF	2	Lock Washer
10	W8GF	6	Lock Washer
12	12A48	2	Washer
13	12A69	2	Spring
14	12A70	2	Spring Clamp
15	12B68	2	Thrust Stop
17	12C66	1	Operator's Guard Bar
18	12M119	1	Traction Air Fittings (Not Shown)
19	12M2281	1	Control Group
20	12M2284	1	Mufler Group (Not Shown)
21	12M2285	1	Bucket Air Fittings (Not Shown)
*	12M2305	1	Side Sheet Assembly

*12M2305 SIDE SHEET ASSEMBLY

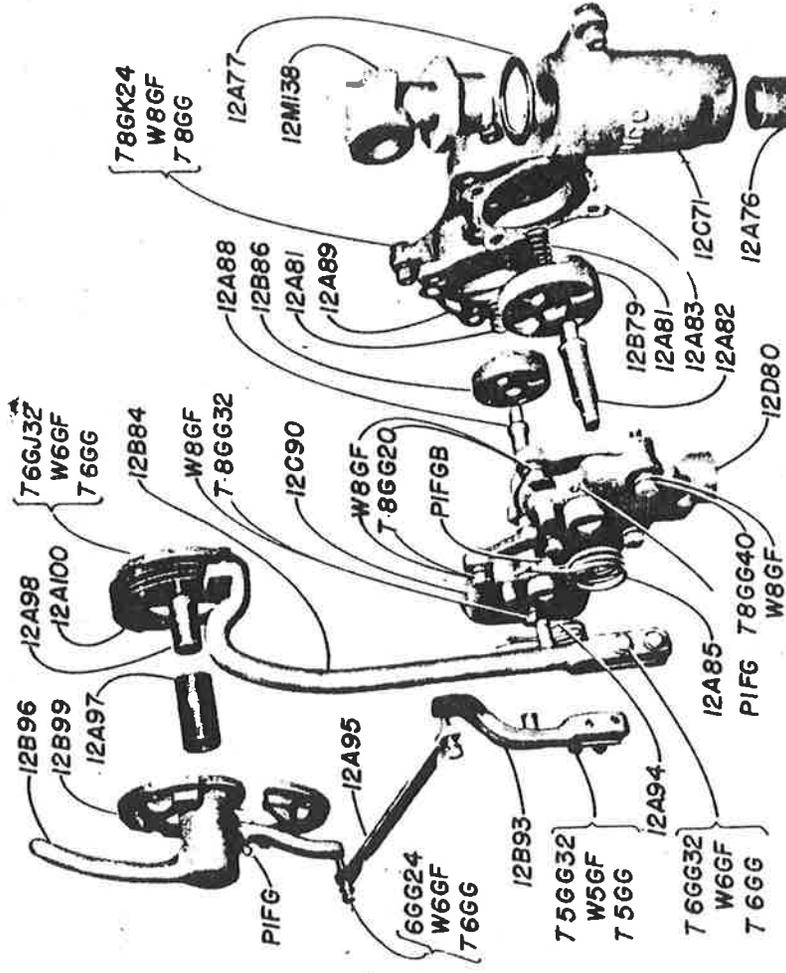
(Includes Items 23 Thru 28) 1 Assembly Required

Item	Part No.	Quan.	Description
23	12A64	1	Name Plate
24	12B65	1	Bracket
25	12B67	1	Bracket
26	12C2303	1	Side Sheet
27	12C2304	1	Side Sheet, Operator's Side
28	12C61	1	Bumper Bar

GIVE MACHINE SERIAL NUMBER WHEN ORDERING PARTS

GROUP NO. 12M2306

REVISED 2/2/76

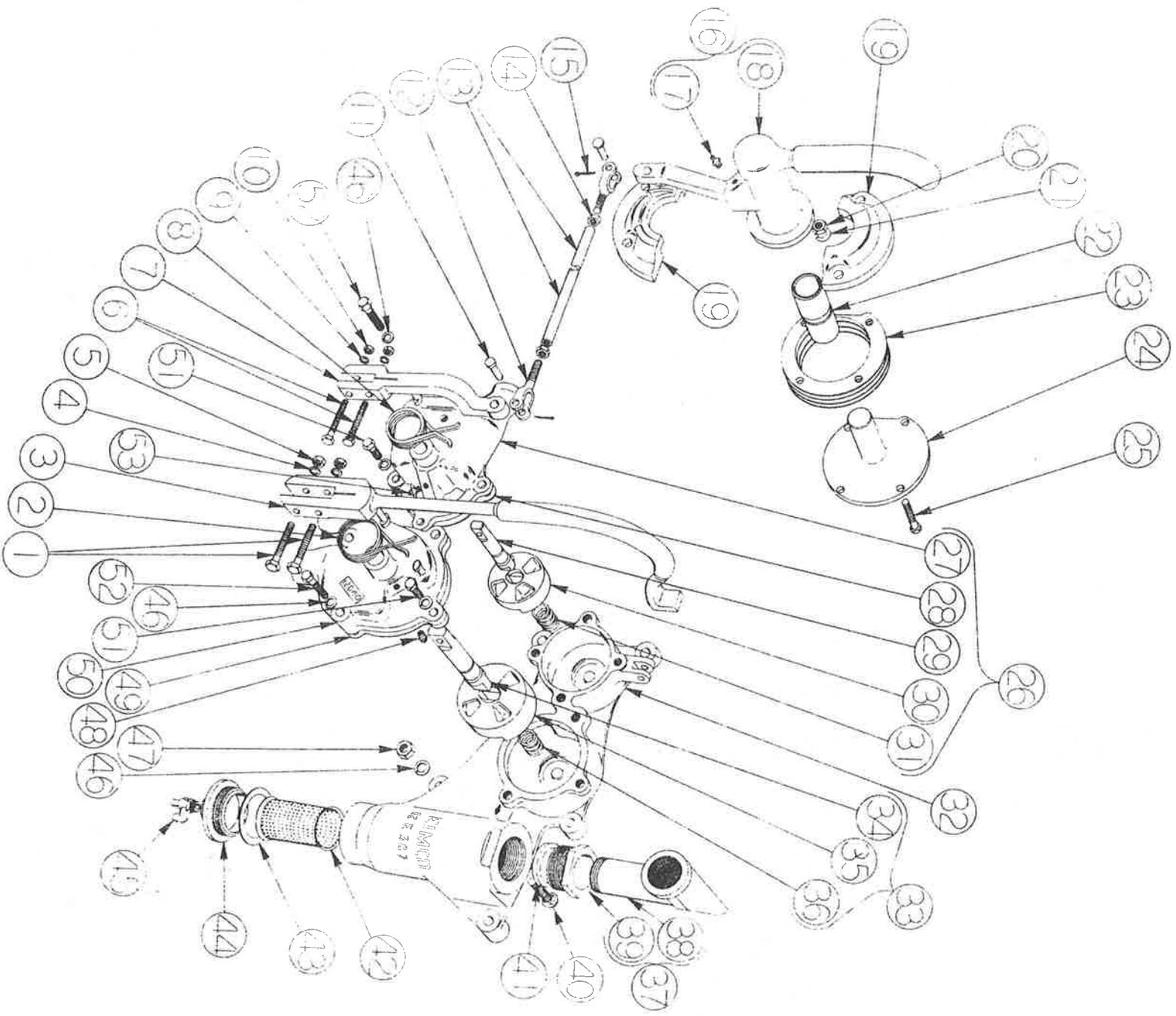


12M137 - CONTROL GROUP

Part No.	Quan.	Description	Ref. No.
12M87	1	Valve Body Assembly	474A
12C71	1	Consists of:	
78GK24	5	Valve Body	476A
W8GF	5	Bolt	449A
T866	5	Lockwasher	475A
12MI38	1	Nut	478A
12A77	2	Swivel Sleeve Assembly.	479A
12A76	1	Gasket	
12A78	1	Air Screen	
P3RVD	1	Sediment Cap	
12MI39	1	Drain Cock	
		Bucket Bonnet Group	
		Consists of:	
12B79	1	Valve Disc	472A
12A81	1	Spring	466B
12A82	1	Stem	473A
12A83	1	Gasket	662
12D80	1	Bucket Bonnet	471A
T86620	2	CapscREW	
T86640	2	CapscREW	
W8GF	4	Lockwasher	
PIFG	1	Grease Fitting	
12MI40	1	Traction Bonnet Group	
		Consists of:	
12B86	1	Valve Disc	655
12A81	1	Spring	466A
12A88	1	Stem	467A
12A89	1	Gasket	658
12C90	1	Traction Bonnet	654
T86620	3	CapscREW	
T86632	1	CapscREW	
W8GF	4	Lockwasher	
PIFGB	1	Grease Fitting	
12B81	1	Bucket Handle	469A
12A85	1	Bucket Spring	470A
T66632	2	CapscREW	
T666	4	Nut	
W6GF	4	Lockwasher	

12M137 (Cont.)

Part No.	Quan.	Description	Ref. No.
12B93	1	Traction Lever	462A
12A91	1	Traction Spring	463A
T56632	2	CapscREW	
W5GF	2	Lockwasher	
T566	2	Nut	
12A95	1	Traction Valve Link	461A
T66624	2	CapscREW	
12B374	1	Traction Handle Group	
		Consists of:	
12A98	1	Pivot	458A
12MI00	1	Shim	649
12MI41	1	Handle Assembly	
		Consists of:	
12B96	1	Handle	457A
12A97	1	Bushing	459A
PIFG	1	Grease Fitting	
12B92	1	Retainer	460A
T66432	4	Bolt	
W6GF	4	Lockwasher	
T566	4	Nut	



12B Heading

12M137 CONTROL GROUP

(Includes Items 1 thru 10, One 12M2181, One 12M374 and One 12M87) 1 Group Required

Item	Part No.	Quan.	Description
------	----------	-------	-------------

1	6GG32	2	Cap Screw
2	12A85	1	Spring, Bucket
3	12D84	1	Handle, Bucket
4	W6GF	2	Lock Washer
5	6GH	2	Nut
6	5GG32	2	Cap Screw
7	12B93	1	Lever, Traction
8	12A94	1	Spring, Traction
9	W5GF	2	Lock Washer
10	5GH	2	Nut

12M2181 LINK ASSEMBLY

(Includes Items 11 thru 15) 1 Assembly Required

11	HRA5	2	Pin
12	HRA26A	2	Yoke
13	12A2180	1	Link
14	7HG	2	Nut
15	L110	2	Cotter Pin

12M374 TRACTION HANDLE GROUP

(Includes Items 16 thru 25) 1 Group Required

16	12M141	1	Handle Assembly (Includes Items 17, 18 and 22)
17	P1FG	1	Grease Fitting
18	12B96	1	Handle
19	12B99	1	Retainer Set
20	8GJ	4	Nut
21	W8GF	4	Lock Washer
22	12A97	1	Bushing
23	GA31A	1	Shim Set
24	12A98	1	Pivot
25	8GG32	4	Cap Screw

12M87 VALVE BODY ASSEMBLY

(Includes Items 26 thru 53) 1 Assembly Required

26	12M140	1	Traction Bonnet Group (Includes Items 27 thru 31, Item 53, One of Item 52, Three of Item 51, and Four of Item 46)
27	12C90	1	Traction Bonnet
28	12A89	1	Gasket
29	12A88	1	Stem
30	12B86	1	Disc
31	12A81	1	Spring

12M137 CONTROL GROUP (Continued)

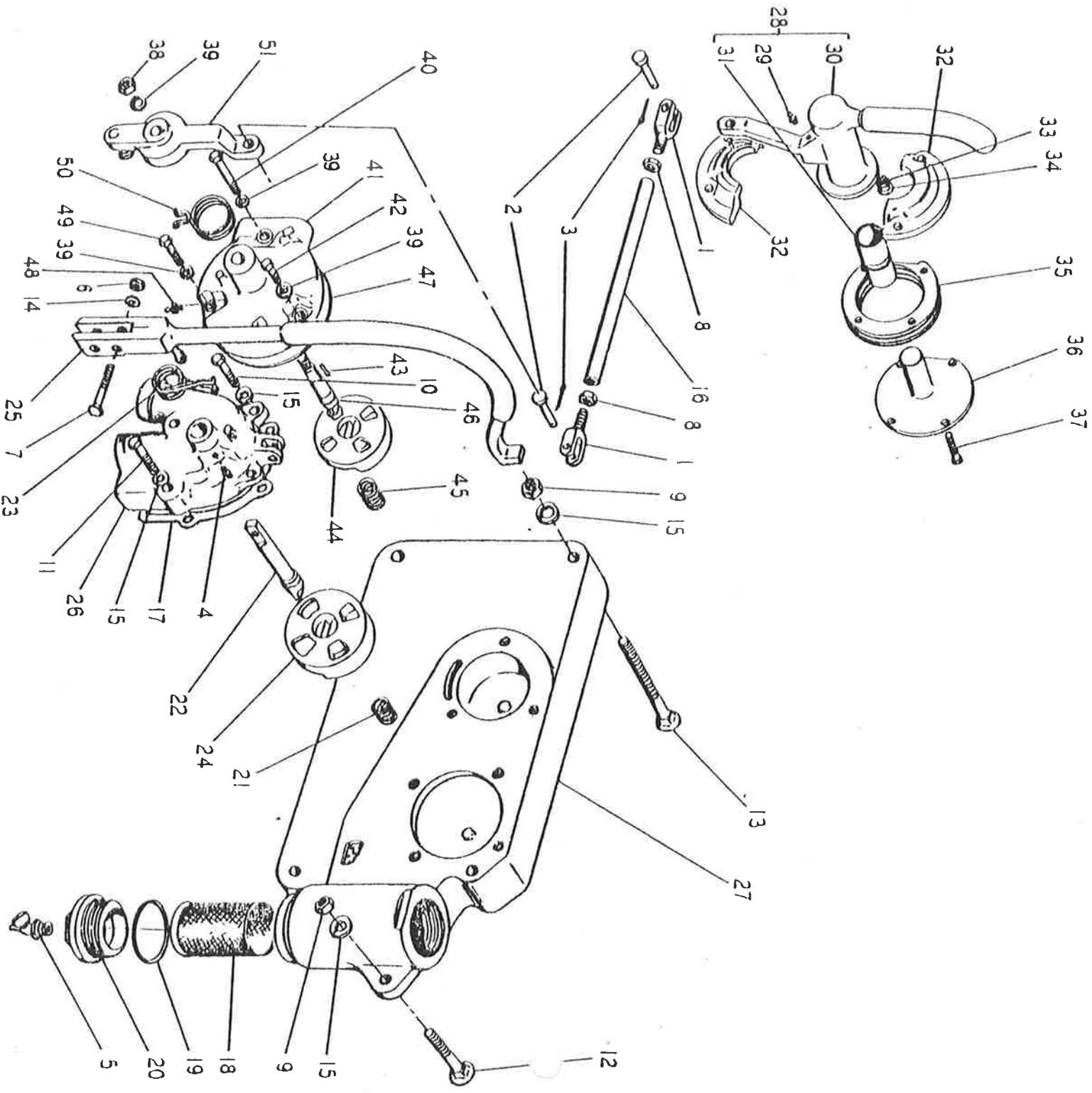
12M87 VALVE BODY ASSEMBLY (Continued)

Item	Part No.	Quan.	Description
32	12E387	1	Valve Body
33	12M139	1	Bucket Bonnet Group (Includes Items 34 thru 36, 48 thru 50, Two Each of Items 51 and 52, and Four of Item 46)
34	12A82	1	Stem
35	12B79	1	Disc
36	12A81	1	Spring
37	12M138	1	Swivel Sleeve Assembly (Includes Items 38, 39 and 41)
38	12C74	1	Swivel Sleeve
39	12A75	1	Swivel Nut
40	8GK24	5	Bolt
41	L19	1	Lock Nut
42	12A76	1	Air Screen
43	12A77	2	Gasket
44	12A78	1	Cap
45	P3RVD	1	Drain Cock
46	W8GF	13	Lock Washer
47	8GH	5	Nut
48	P1FG	1	Grease Fitting
49	12A83	1	Gasket
50	12D80	1	Bucket Bonnet
51	8GG20	5	Cap Screw
52	8GG32	3	Cap Screw
53	P1FGB	1	Grease Fitting



ENVIROTECH

EIMCO T-M-D — ENVIROTECH CORPORATION — SALT LAKE CITY, UTAH 84110, U.S.A.



EFFECTIVE
SERIAL 12811736



12M2281 CONTROL GROUP

(Includes Items 1 thru 27, one 21M138 and one 24M611) 1 Group Required

ITEM	PART NO.	QUAN.	DESCRIPTION
1	HRA26A	2	Yoke
2	HRA5	2	Rod End Pin
3	L110	2	Cotter Pin
4	P1FG	1	Grease Fitting
5	P3RVD	1	Cock
6	T6GG	2	Nut
7	T6GG32	2	Cap Screw
8	T7HG	2	Hex Nut
9	T8GG	5	Nut
10	T8GG20	2	Cap Screw
11	T8GG32	2	Cap Screw
12	T8GK24	1	Cap Screw
13	T8GK56	4	Screw
14	W6GF	2	Lock Washer
15	W8GF	9	Lock Washer
16	L2A2282	1	Link
17	L2A2283	1	Gasket
18	L2A76	1	Screen
19	L2A77	2	Gasket
20	L2A78	1	Sediment Cap
21	L2A81	1	Spring
22	L2A82	1	Stem
23	L2A85	1	Spring
24	L2B79	1	Disc
25	L2D84	1	Handle
26	21D3108	1	Valve Bonnet
27	21M3110	1	Manifold Muffler

21M138 TRACTION HANDLE GROUP

(Includes Items 28 thru 37) 1 Group Required

28	12M141	1	Handle Assembly (Includes Items 29, 30, and 31)
29	P1FG	1	Grease Fitting
30	L2B96	1	Handle
31	L2A97	1	Bushing
32	L2B99	1	Retainer Set
33	T8GH	4	Nut
34	W8GF	4	Lock Washer
35	GA31A	1	Shim Set
36	L2A98	1	Pivot
37	T8GG40	4	Cap Screw

GIVE MACHINE SERIAL NUMBER WHEN ORDERING PARTS

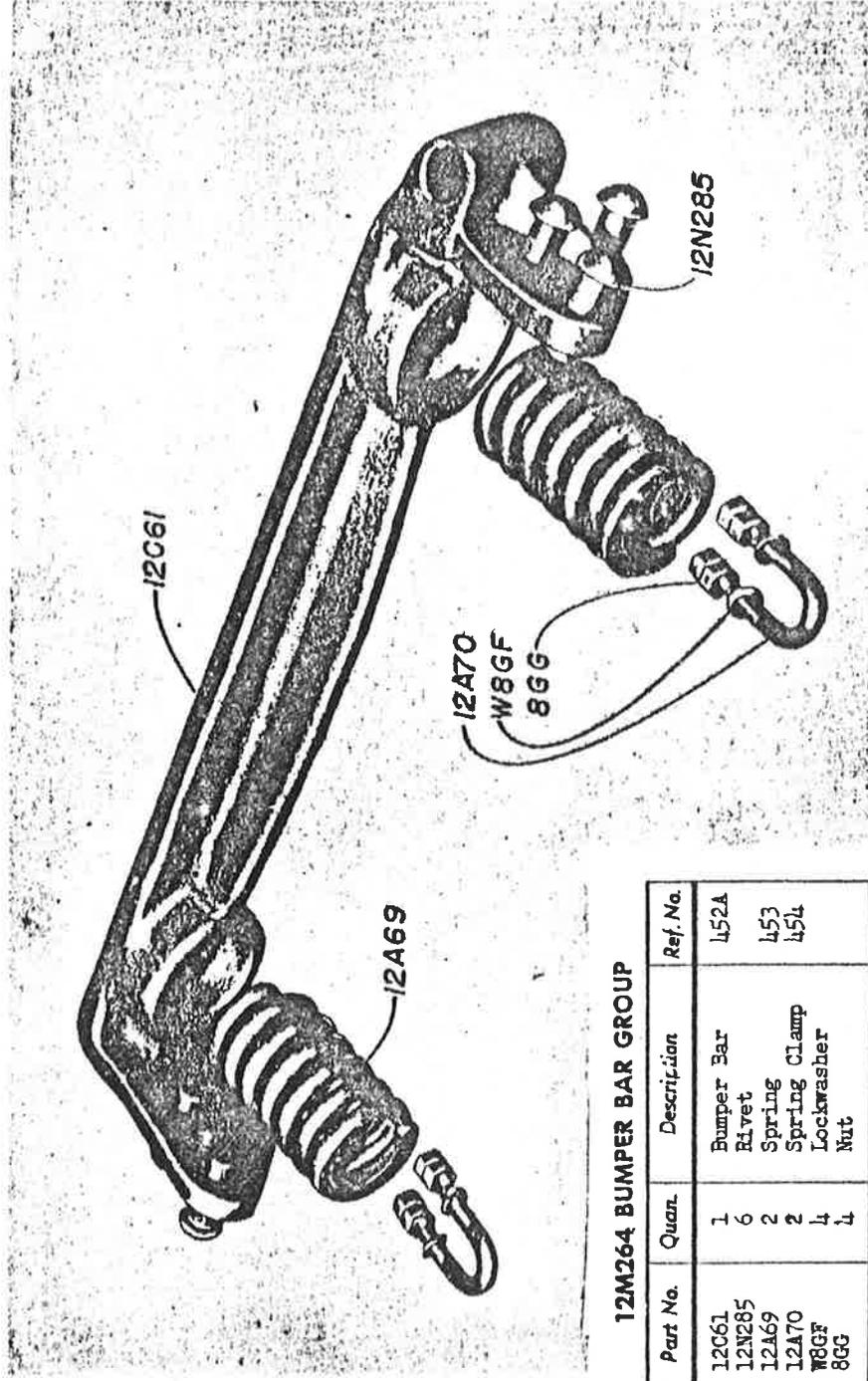


24M611 TRACTION VALVE ASSEMBLY

(Includes Items 38 thru 51) 1 Assembly Required

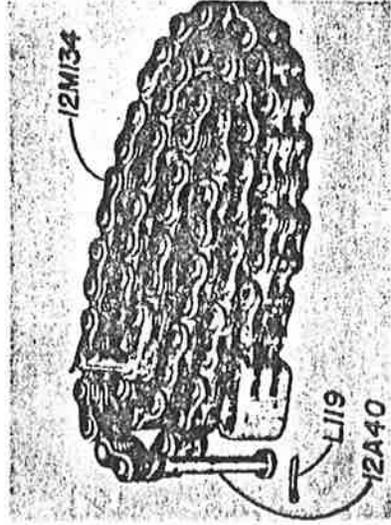
ITEM	PART NO.	QUAN.	DESCRIPTION
38	T8GH	1	Nut
39	W8GF	4	Lock Washer
40	T8GG40	1	Cap Screw
41	24M575	1	Bonnet Assembly
42	T8GG24	1	Cap Screw
43	K3S15	1	Key
44	12B86	1	Valve Disc
45	12A81	1	Spring
46	24B569	1	Valve Stem
47	24A585	1	Gasket
48	PIFG	1	Grease Fitting
49	T8GG28	1	Cap Screw
50	12A94	1	Balance Spring
51	24M574	1	Lever Assembly, Traction Valve

GIVE MACHINE SERIAL NUMBER WHEN ORDERING PARTS



12M264 BUMPER BAR GROUP

Part No.	Quan.	Description	Ref. No.
12C61	1	Bumper Bar	452A
12N285	6	Rivet	453
12A69	2	Spring Clamp	454
12A70	2	Spring	
W8GF	4	Lockwasher	
8GG	4	Nut	

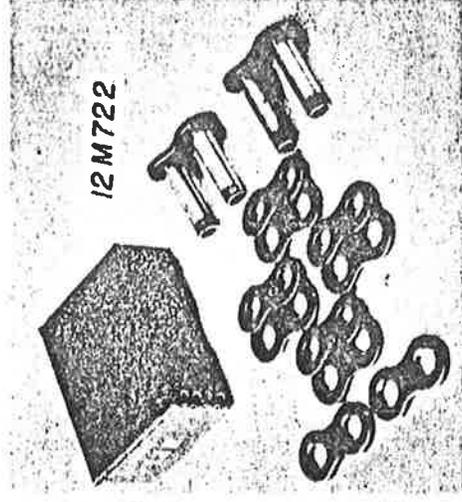


12M133 CHAIN GROUP

Part No.	Quan.	Description	Ref. No.
12M134	1	Chain Assembly	405
12A40	2	End Link Pin	407
L119	1	Cotter Pin	

REPAIR PARTS

Part No.	Description	Ref. No.
12M722	Chain Repair Kit	406
12A57	End Link	408
12A58	End Link Rivet	408



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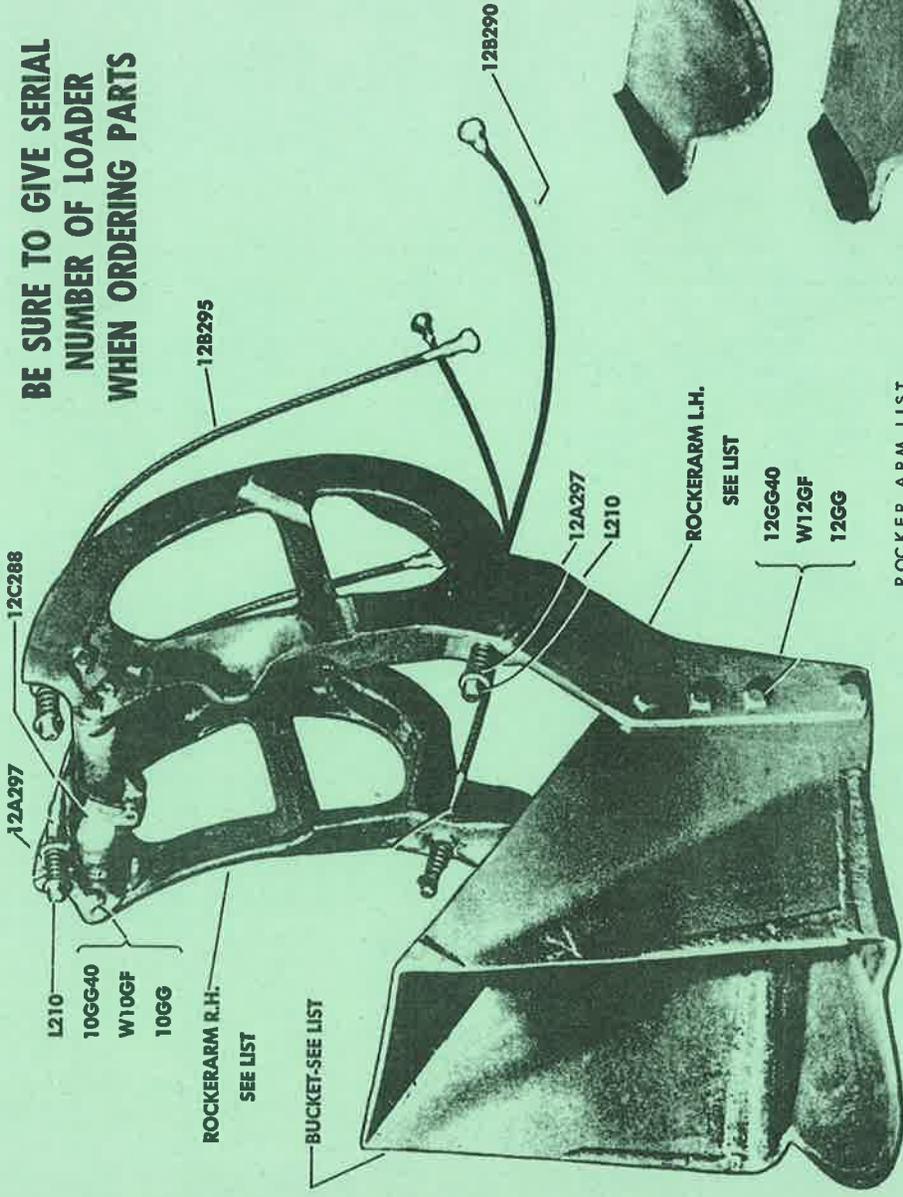
12M382 - SIDE PLOW GROUP

Part No.	Quan.	Description
12C383	1	Side Plow
12A384	2	Hook Bolt
12GG	2	Nut
W12GF	2	Lockwasher
12A385	1	Clamp Plate
12A386	1	Clamp Nut



BUCKET LIST
(Without bottom)

J K K1 K2 L L1 L2 L3 L4 M M1 M2 M3 M4 O O1 O2 V V1 V2 X X1 X2 Y Y1 Y2 Y3 Z Z1 Z2 Z3



BE SURE TO GIVE SERIAL NUMBER OF LOADER WHEN ORDERING PARTS

ROCKERARM R.H.

SEE LIST

BUCKET-SEE LIST

ROCKERARM L.H.

SEE LIST

ROCKER ARM LIST

Part No.		Type
Right Hand	Left Hand	
12C350	12C351	B4
12C352	12C353	B5
12C354	12C355	B6
12C356	12C357	B7
12C358	12C359	C4
12C360	12C361	C5
12C362	12C363	C6
12C364	12C365	C7
12C366	12C367	D4
12C368	12C369	D5
12C370	12C371	D6
12C372	12C373	D7

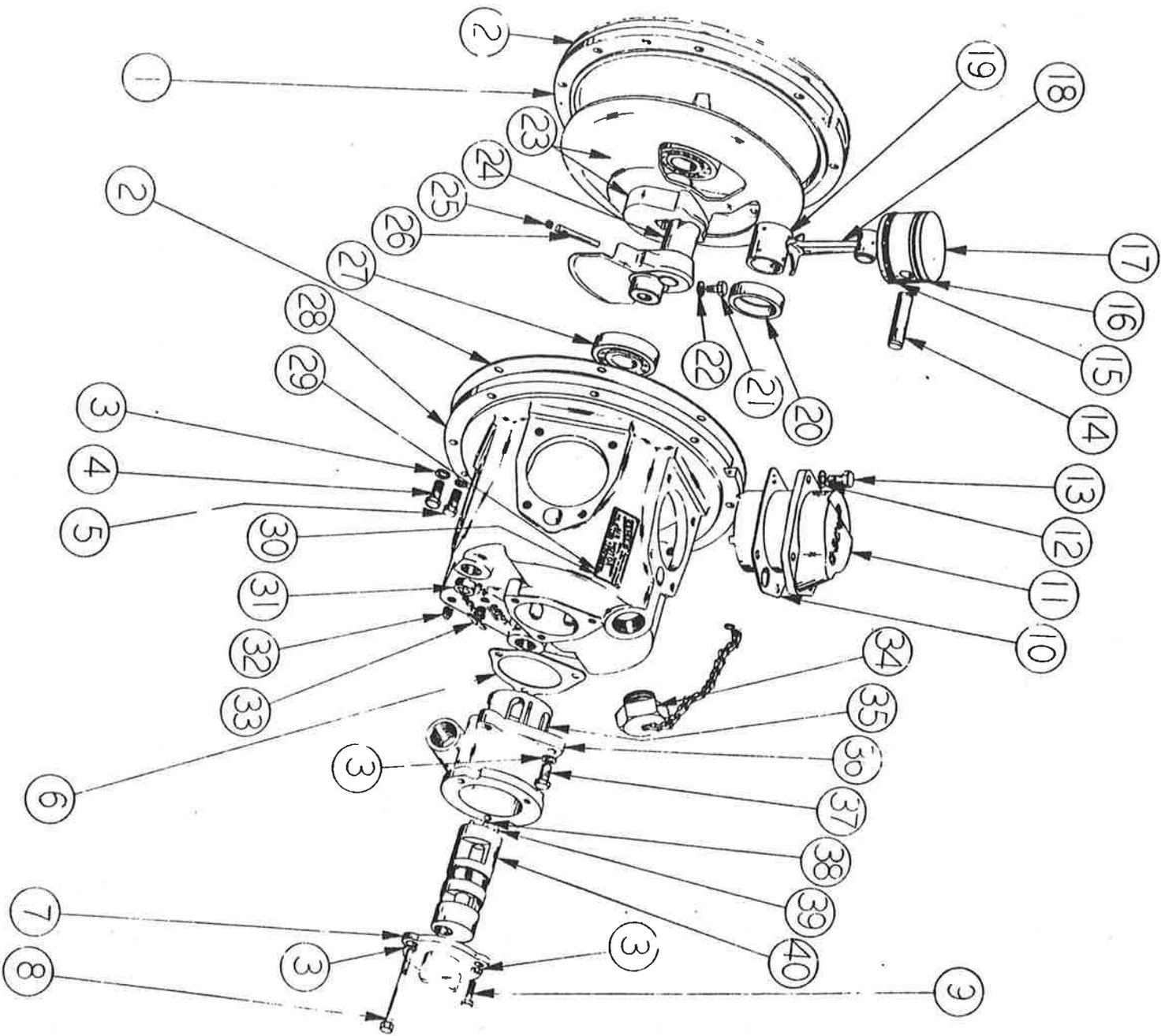
ARM & BUCKET GROUP

Part No.	Quan.	Description	Ref. No.
See List	1	Rocker Arm - Left Hand	395
See List	1	Rocker Arm - Right Hand	396
12C288	1	Yoke	397
10GG40	6	Machine Bolt	
10GG	6	Nut	
W10GF	6	Lockwasher	
See List	1	Bucket	410
12GG40	10	Machine Bolt	
12GG	10	Nut	
W12GF	10	Lockwasher	
12B295	2	Cable (Long)	398
12A297	2	Cable (Short)	399
12A297	4	Spring	403
L210	4	Nut	402

BUCKET BOTTOM S

Part No.	Description	Ref. No.
12C375	Plate Bottom	
12C376	Cast Bottom	413
12C377	Mn. Tooth Lip	412
12C378	Mn. Round Lip	

NOTE: Use only AIRCO 312 Rod or equivalent for welding cast bottoms to buckets.



200M92 AIR MOTOR ARRANGEMENT, TRACTION
 (Includes 1 thru 14, Five 200M85, One 200M88,
 One 200M83 & One 200M110) 1 Arrangement Required

Item	Part No.	Quan.	Description
1	12C195	1	Motor Mounting Cover
2	12A196	2	Gasket
3	W6GF	12	Lock Washer
4	6GG28	4	Cap Screw
5	6GG24	4	Cap Screw
6	200A65	1	Gasket
7	200B67	1	Valve Housing Cover, L.D.
8	6GG64	2	Cap Screw
9	6GG14	1	Cap Screw
10	200A64	5	Gasket
11	200C50	5	Cylinder
12	200N99	20	Washer
13	7GG16	20	Cap Screw
14	200M86	5	Wrist Pin

200M85 PISTON GROUP
 (Includes items 15 thru 17) 5 Groups Required

15	200A73	1	Oil Ring
16	200A72	1	Compression Ring
17	200C54	1	Piston

200M88 COMPLETE CRANKSHAFT GROUP
 (Includes Items 18 thru 27) 1 Group Required

18	200C53	5	Connecting Rod
19	200A49	1	Connecting Rod Bushing
20	200A48	2	Connecting Rod Retainer Ring
21	8HG24	1	Cap Screw
22	W8GF	1	Lock Washer
23	200M87	1	Plain Crankshaft Assembly (Includes items 21, 22 & 24 thru 26)
24	200A47	1	Crank Sleeve
25	8GSM8	1	Set Screw
26	K56	1	Taper Pin
27	G200	2	Bearing

200M83 MOTOR HOUSING ASSEMBLY
 (Includes Items 28 thru 34) 1 Assembly Required

28	200D44	1	Motor Housing
29	200A82	1	Name Plate
30	T1000	6	Drive Screw
31	P5BPA	2	Pipe Plug
32	P2FF	1	Pipe Plug
33	P2RVE	1	Stop Cock
34	200M84	1	Vent Cap

200M110 VALVE AND HOUSING GROUP
 (Includes Items 35 thru 40) 1 Group Required

35	200C74	1	Valve Bushing
36	200M90	1	Valve Housing Assembly (Includes items 35, 37 & 1 of item 3)
37	6GG16	1	Cap Screw
38	K53	1	Dowel Pin
39	K51	2	Dowel Pin
40	200M89	1	Rotary Valve Assembly (Includes items 38 & 39)

(Note: It is recommended that the complete valve and housing group 200M110 be purchased instead of the bushing alone, since the bushing is reamed to proper size at the factory after assembly in the housing.)

GIVE MACHINE SERIAL NUMBER WHEN ORDERING PARTS

