



2R-II PACKMASTER

Parts Manual

Serial # 8993-9718



www.labriegroup.com



labriep^{plus}

Thank you for your purchase of a new Labrie™, Leach™ or Wittke™ product. To ensure maximum reliability, insist on genuine **labriep^{plus}** replacement parts. LabriePlus replacement parts are designed and manufactured to exacting standards. The use of counterfeit, will-fit or substitute parts may effect the operation and performance of the unit.

Visit our Website at usa.labriepplus.com or canada.labriepplus.com, or contact us at 1-800-231-2771 (in the U.S.) or 1-877-452-2743 (in Canada), twenty-four hours a day, seven days a week. We are available to help you with any questions or concerns.





Refuse bodies manufactured by Leach Company, ("Company") are supplied and sold under a Limited Warranty that they are and will remain free of defects in workmanship or material for a period of six (6) months from date of original sale under reasonable conditions of use and operation, providing required preventive maintenance services are performed. Additional optional warranties are available for purchase. If a failure occurs during said period because of such defect in the opinion of the Company, the component or part shall be repaired or replaced by an authorized Leach Distributor at no cost to the customer provided the unit is brought to the distributor's service facility. After three (3) months, performance of adjustments or the replacement of wear/expendable components is not covered under warranty. This limited warranty is the sole and exclusive warranty of the Leach Company.

THE COMPANY MAKES NO WARRANTY AS TO MERCHANTABILITY, FITNESS FOR USE, LEGALITY OF OPERATION IN ANY JURISDICTION OR ANY IMPLIED WARRANTY OF ANY KIND OR NATURE. THE COMPANY SHALL NOT BE LIABLE FOR ANY SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND OR NATURE, OTHER THAN ITS LIMITED WARRANTY OF REPLACEMENT HEREIN. NO OTHER PERSON, FIRM OR CORPORATION CAN BIND THE COMPANY TO ANY WARRANTY OTHER THAN HEREIN ABOVE STATED.

To validate the new unit warranty, an authorized Leach distributor must have completed a pre-delivery inspection before the unit is placed into service, and the delivery report form signed by both the customer and distributor must be submitted to the Leach Customer Support Service Department.

Because Company products are engineered to work only with genuine Company parts, this limited warranty will be void and no effect if: (a) Company products are modified other than as done at its factory or as authorized to be done by the factory in writing; or (b) Parts or assemblies of any other manufacturer are used as substitutes for genuine Company parts.

Genuine Leach replacement parts, components and assemblies are also sold under a Limited Warranty to be free from defects in workmanship or material for a period of six (6) months. This is a replacement only warranty and the item must be returned to the Leach distributor for exchange. The labor to replace or repair the part shall be the responsibility of the customer. There is no warranty on expendable items, wear components or used parts.

Leach Company reserves the right to redesign and/or discontinue the manufacture of parts, components and assemblies at any time.

FOREWORD

Leach service parts, like our refuse bodies, are quality built of the most current design. We at Leach are proud of the quality materials, engineering, and workmanship that go into each part, backed up by the best service and distributor support in the industry.

The Leach Company has an aggressive parts manual update program. This manual was produced with the latest information available at the time of publication; we, however, reserve the right to redesign and/or discontinue the manufacture of parts, components and assemblies at any time.

Leach parts are readily available through authorized Leach distributors. The use of counterfeit, will-fit, or substitute parts may affect the operation or performance of your unit and void the warranty. To ensure maximum reliability and to protect your investment — insist on Leach Signature original factory parts.

LEACH[®]
Signature
Original Factory Parts

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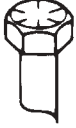
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CAPSCREW MARKING AND TORQUE VALUES

Usage	Much Used	Used at Times	Used at Times
Capscrew Diameter & Minimum Tensile Strength PSI	To 3/4 - 120,000 To 1 - 115,000	To 5/8 - 140,000 To 3/4 - 133,000	150,000
Quality of Material	Min. Commercial	Med. Commercial	Best Commercial
SAE Grade Number	5	6 or 7	8
CAPSCREW HEAD MARKINGS Manufacturers marks may vary. These are all SAE Grade 5 (3-line.) 		 	
Capscrew Body Size (Inches) - (Thread)	Torque Ft-Lb (kg m)	Torque Ft-Lb (kg m)	Torque Ft-Lb (kg m)
1/4 - 20	8 (1.11)	10 (1.38)	12 (1.66)
- 28	10 (1.38)		14 (1.94)
5/16 - 18	17 (2.35)	19 (2.63)	24 (3.32)
- 24	19 (2.63)		27 (3.73)
3/8 - 16	31 (4.29)	34 (4.70)	44 (6.09)
- 24	35 (4.84)		49 (6.78)
7/16 - 14	49 (6.78)	55 (7.61)	70 (9.68)
- 20	55 (7.61)		78 (10.79)
1/2 - 13	75 (10.37)	85 (11.76)	105 (14.52)
- 20	85 (11.76)		120 (16.60)
9/16 - 12	110 (15.21)	120 (16.60)	155 (21.44)
- 18	120 (16.60)		170 (23.51)
5/8 - 11	150 (20.75)	167 (23.10)	210 (29.04)
- 18	170 (23.51)		240 (33.19)
3/4 - 10	270 (37.34)	280 (38.72)	375 (51.86)
- 16	295 (40.80)		420 (58.09)
7/8 - 9	395 (54.63)	440 (60.85)	605 (83.67)
- 14	435 (60.16)		675 (93.35)
1 - 8	590 (81.60)	660 (91.28)	910 (125.85)
- 14	660 (91.28)		990 (136.92)

NOTES:

1. Always use the torque values listed above when specific torque values are not available.
2. The above is based on use of clean, dry threads.
3. Reduce torque by 10% when engine oil is used as a lubricant.
4. Reduce torque by 20% if new plated capscrews are used.
5. General Formula for calculating Torques is as follows: Torque in Inch Lbs. = .2 x Nominal Diameter of Screw x Loads in Lbs., where Load = 80% of Yield Strength, expressed in Lbs., not pounds per square inch.

DANGER — DO NOT ENTER UNLESS BODY IS EMPTY & IGNITION OFF & KEY REMOVED

①

DANGER

STAND CLEAR
WHEN BLADE
IS IN MOTION

②

DANGER

DO NOT ENTER UNDER CHASSIS UNLESS
ENGINE OR POWER UNITS ARE STOPPED
AND IGNITION KEYS REMOVED

③

ENGINE
SPEED-UP

⑤

WARNING

THIS VEHICLE REQUIRES
OF OVERHEAD
CLEARANCE AS ORIGINALLY
MOUNTED.

⑥

10FT 6 IN	11FT 1 IN	11FT 8 IN	12FT 3 IN
10FT 7 IN	11FT 2 IN	11FT 9 IN	12FT 4 IN
10FT 8 IN	11FT 3 IN	11FT 10 IN	12FT 5 IN
10FT 9 IN	11FT 4 IN	11FT 11 IN	12FT 6 IN
10FT 10 IN	11FT 5 IN	12FT 0 IN	12FT 7 IN
10FT 11 IN	11FT 6 IN	12FT 1 IN	12FT 8 IN
11FT 0 IN	11FT 7 IN	12FT 2 IN	12FT 9 IN

④

**CAUTION DO NOT OPEN DOOR
UNLESS ALL PRESSURE AGAINST
THE PUSH-OUT PLATE HAS BEEN
RELEASED & THE HYDRAULIC
PUMP STOPPED.**

DRIVER SIGNAL

⑧

DANGER

STAND CLEAR
WHEN TAILGATE
IS IN MOTION &
DURING UNLOADING
CYCLE. DO NOT
STAND UNDER OR
CROSS UNDER
RAISED TAILGATE

⑦

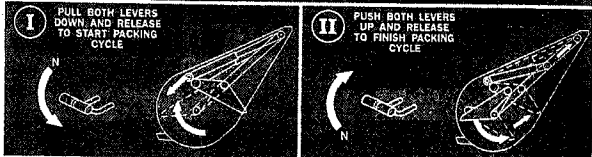
CAUTION

RIDING STEP SHALL NOT BE USED
WHEN SPEEDS ARE EXPECTED TO
EXCEED 10 MPH OR WHEN DISTANCE
TRAVELED WITHOUT STOPPING WILL
EXCEED 2 TENTHS OF ONE MILE.
RIDING STEP SHALL NOT BE USED
WHEN VEHICLE IS MOVING BACKWARD.
DO NOT MOUNT OR DISMOUNT RIDING
STEP WHEN VEHICLE IS IN MOTION.

⑨

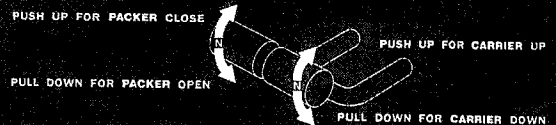
2RII PACKING OPERATION INSTRUCTIONS

BEFORE OPERATING THIS MACHINE BE SURE TO READ AND UNDERSTAND
OPERATION MANUALS SUPPLIED WITH THIS UNIT. REPLACEMENT MANUALS
CAN BE OBTAINED FROM A LEACH DISTRIBUTOR.



* PACKING CYCLE MAY BE STOPPED AT ANY POINT BY MOVING OPERATING
LEVERS TO NEUTRAL.

* PACKER OR CARRIER PLATE CAN BE MOVED INDEPENDENTLY AS SHOWN.



NOTE 1: WHEN LOADING HOPPER DO NOT LOAD REFUSE HIGHER THAN LOADING EDGE.

NOTE 2: WHEN BODY IS FULL OPERATE PACKER CONTROLS ONLY AS OUTLINED IN
OPERATOR'S MANUAL.

305290

⑩

UNLOADING INSTRUCTIONS

ENGAGE PUMP TAKE OFF TO RUN PUMP PLACE DASH MOUNTED SOLENOID IN "ON" POSITION. BE
SURE AREA BEHIND UNIT IS CLEAR OF ALL PERSONNEL AND OBJECTS

TO OPEN TAILGATE SEE FIGURE 1

① LOOSEN CLAMPS ON EACH SIDE OF TAILGATE AND SWING CLEAR. ② PRESS SPEED UP BUTTON AND
HOLD. ③ MOVE OUTER CONTROL LEVER FORWARD AND HOLD. WHEN TAILGATE IS FULLY OPEN RELEASE
CONTROL LEVER AND SPEED UP BUTTON. DO NOT ALLOW ANYONE TO STAND OR CROSS UNDER THE
OPEN TAILGATE.

TO UNLOAD BODY SEE FIGURES 2 & 3

④ PRESS SPEED UP BUTTON AND HOLD. ⑤ MOVE INNER CONTROL LEVER REARWARD. HOLD UNTIL
REARWARD TRAVEL OF PUSHOUT PLATE STOPS. ⑥ RELEASE SPEED UP BUTTON. ⑦ MOVE INNER CONTROL
LEVER FORWARD. ⑧ GENTLY REARWARD TO ALLOW TAILGATE TO CLOSE. DO NOT ALLOW
TAILGATE TO SLAM SHUT. SWING BOTH TAILGATE CLAMPS BACK TO LATCH POSITION. ⑨ AND TIGHTEN
EVENLY AND SECURELY.

TO CLOSE TAILGATE SEE FIGURE 4

SHUT OFF POWER TAKE OFF MOVE UNIT FORWARD SLOWLY UNTIL TAILGATE IS CLEAR OF THE EXPELLED
LOAD. BE SURE AREA UNDER AND AROUND TAILGATE IS CLEAR OF ALL PERSONNEL OR OBJECTS BEFORE
CLOSING. MOVE OUTER LEVER. ⑩ GENTLY REARWARD TO ALLOW TAILGATE TO CLOSE. DO NOT ALLOW
TAILGATE TO SLAM SHUT. SWING BOTH TAILGATE CLAMPS BACK TO LATCH POSITION. ⑪ AND TIGHTEN
EVENLY AND SECURELY.

CAUTION

TAILGATE MUST BE FULLY OPEN BEFORE EXPELLING LOAD. DO NOT MOVE UNIT WITH TAILGATE UP RAISED
MORE THAN NECESSARY. DO NOT TRAVEL WITH TAILGATE CLAMPS UNLATCHED OR LOOSE. NEVER LEAVE
UNIT UNATTENDED WHEN TAILGATE IS OPEN. ALWAYS SET BRAKE WHEN LEAVING THE CAB.

FILTER ELEMENT CHANGE

TO ENSURE OIL CLEANLINESS AND LONGER
MACHINE LIFE CHANGE THE ELEMENT AT
INTERVALS OF 20 HRS. 50 HRS. AND AT 250
HR. INTERVALS THEREAFTER.

⑪

HYDRAULIC
FLUID ONLY

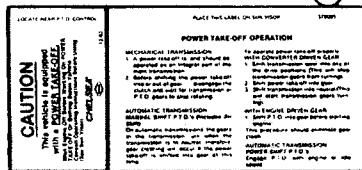
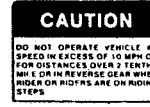
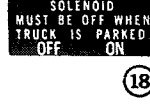
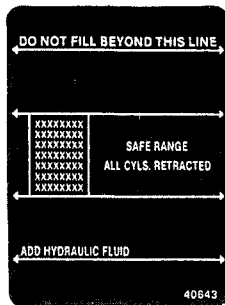
⑫

EJECTION
EJECTION
EJECTION

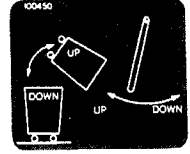
⑬

TAILGATE
TAILGATE
TAILGATE

⑭



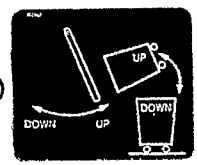
LINE PULL



8,000 LB. CAPACITY

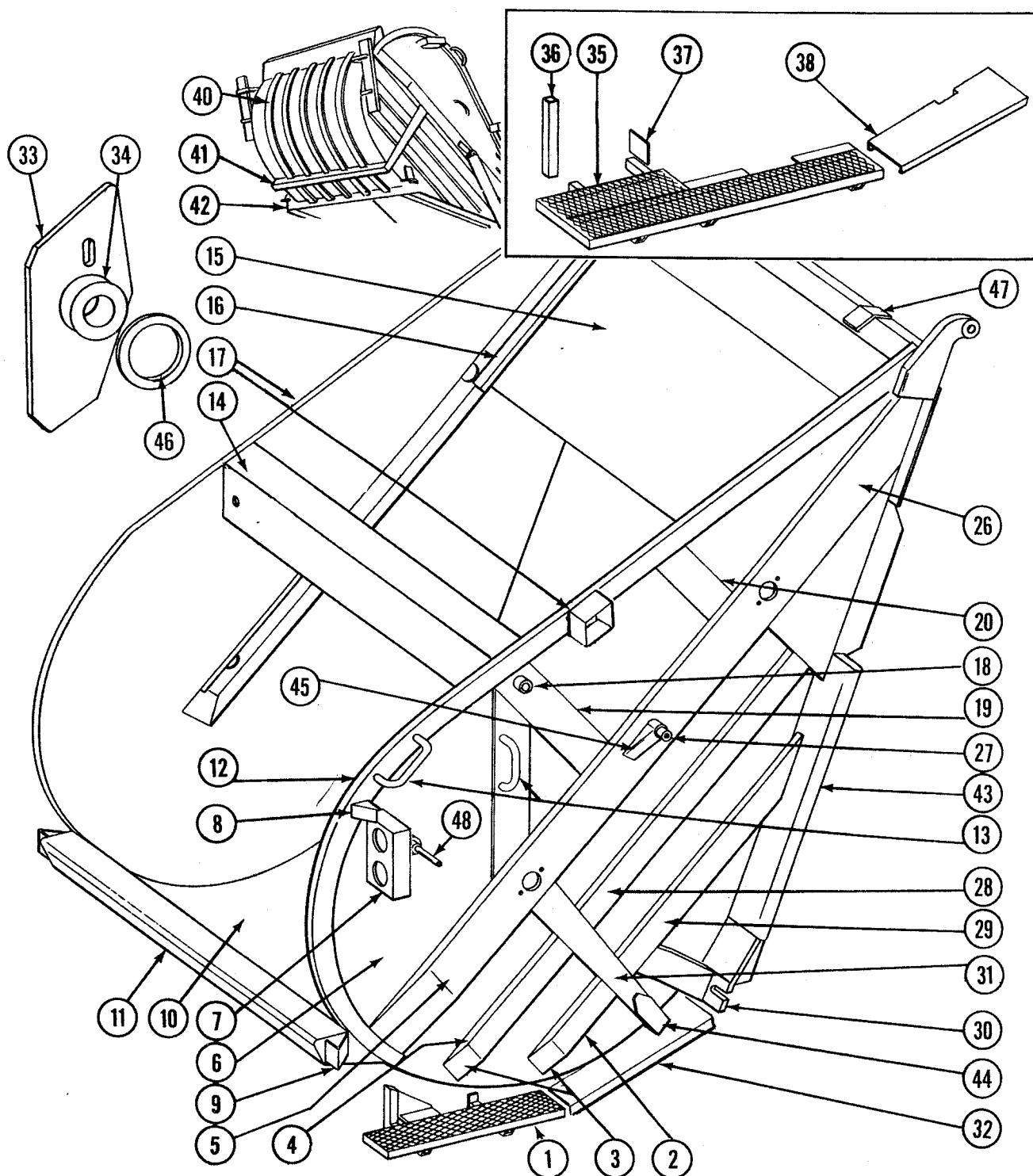
12,000 LB. CAPACITY

NO STEP



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	32711	DANGER - Do Not Enter	2
2	38976	PACKER Plate Danger	3
3	41894	CHASSIS Danger	2
4	32709	SIDE Door Caution	2
5	100895	ENGINE Speed Up	1
6	38164	WARNING Clearance	2
	38165	WARNING, Choose Appropriate Height	2
7	38979	UNLOADING Danger	4
8	100894	DRIVER Signal	2
9	36938	RIDING Step Caution	2
10	305290	OPERATING Instructions	1
11	39027	UNLOADING Instructions (Clamp)	1
	200725	UNLOADING Instructions (Telescopic)	1
12	100891	EJECTION	1
13	100892	TAILGATE	1
14	100890	FILTER Element Change	1
15	40642	HYDRAULIC Fluid Only	1
16	40643	FILL Level	1
17	201580	CAUTION - Cylinder Is Under Spring	1
18	P-16-921	SOLENOID Instruction Plate	1
19	201150	TAILGATE Open	1
20	36937	CAUTION Rider	1
21	100930	CAUTION - PTO Operation Warning	1
22	32753	DANGER - Stand Clear At All Times	3
23	35954	LINE Pull	1
24	18673	8,000 Lb. Capacity	1
25	18674	12,000 Lb. Capacity	1
26	201049	CAUTION - Container Latch Arms	2
27	100450	WINCH Lever	1
28	41637	NO Step	1
29	200788	CAUTION Access Door	1
30	100890	HYDRAULIC Filter Condition	1
31	101767	PTO	1
32	102960	PTO	1
33	204331	TIPPER, Danger Decal	1
34	102867	TIPPER, Control	1

TAILGATE WELDMENT

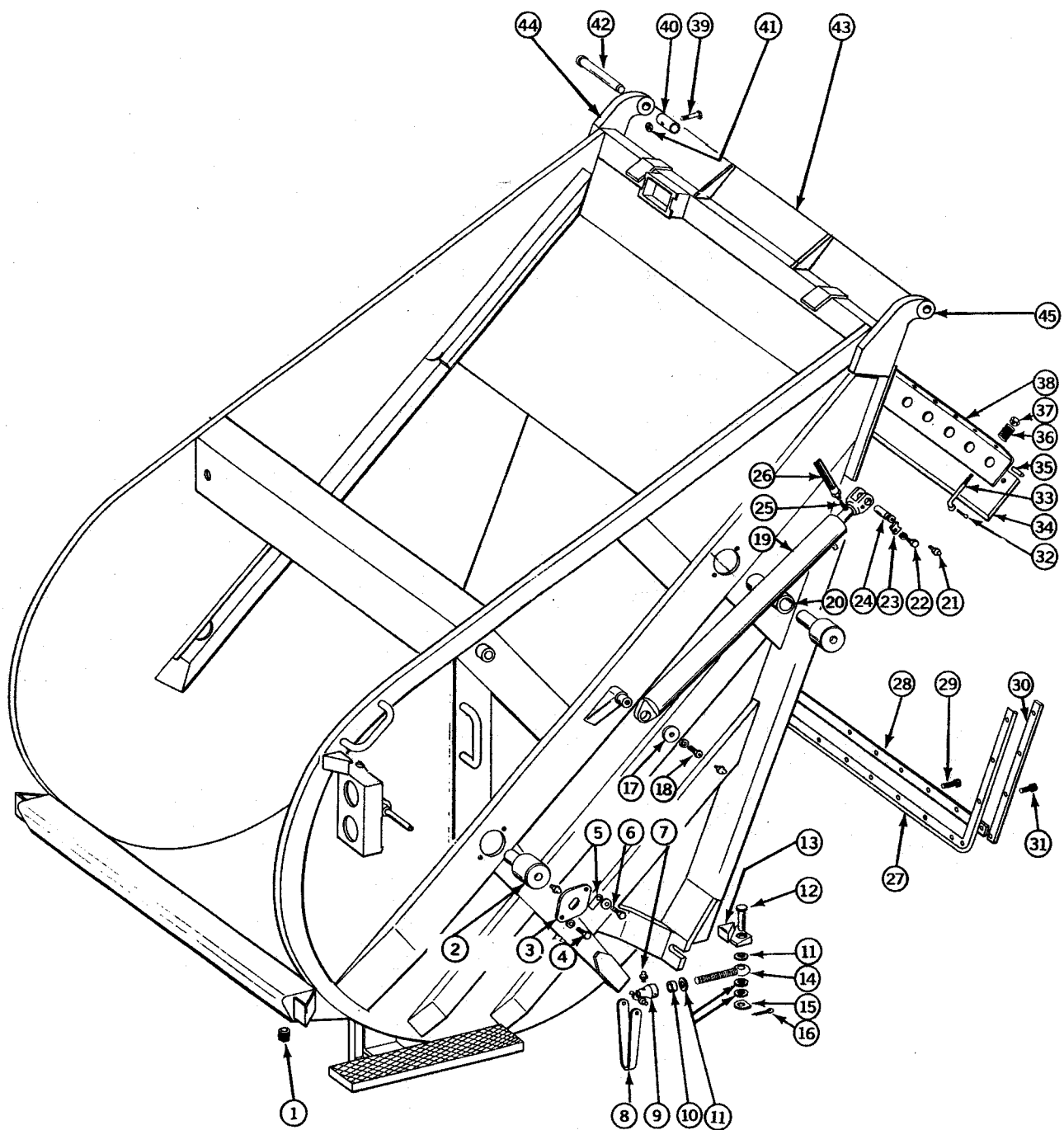


REF. NO.	PART NO.	DESCRIPTION	QTY.
1	302924	STEP Weldment, R.H.	1
	302925	STEP Weldment, L.H.	1
2	400402	CHANNEL, First Lower R.H.	1
	400403	CHANNEL, First Lower L.H.	1
3	200670	COVER, Lower Channel	4
4	400404	CHANNEL, Second Lower R.H.	1
	400405	CHANNEL, Second Lower L.H.	1
5	300448	WELDMENT, Track Extension R.H.	1
	300449	WELDMENT, Track Extension L.H.	1

TAILGATE WELDMENT

REF. NO.	PART NO.	DESCRIPTION	QTY.
6	405169	SHEET, Rear R.H.	1
	400567	SHEET, Rear L.H.	1
7	305277	WELDMENT, Light and Control Bracket	1
	301123	WELDMENT, Light Bracket, L.H.	1
8	302944	BRACKET, Combination, R.H.	1
	301131	BRACKET, Combination, L.H.	1
9	201649	BRACKET, Reflector	2
10	300520 601038	SHEET, Hopper Bottom	1
11	300522	LOADING, Edge	2
12	400276	TUBE, Rear Edge R.H. - 405832	1
	400277	TUBE, Rear Edge L.H.	1
13	15251	HANDLE, Grab, Lower	4
	200820	HANDLE, Grab, Upper	4
14	400484	CHANNEL, Rear Cross	1
15	300501	CENTER Partition	1
	303235	CENTER Partition 3/16"	1
16	204106	TRACK Bar	4
17	202738	BOX, Junction, R.H.	1
	301799	COVER, R.H. 3 x 5	1
	301797	BOX, Junction, L.H.	1
	301798	COVER, L.H. 6 x 6	1
18	200721	PIVOT, Operating Cylinder	2
19	300456	FLAT, Center	2
20	208845	FLAT, Upper	2
21	300343	HINGE, L.H.	1
22	300771	JUNCTION Box	1
23	200723	TUBE, Hinge	1
24	200724	SUPPORT, Valve Angle	2
25	300344	HINGE, R.H.	1
26	400394	CHANNEL Track, R.H.	1
	400395	CHANNEL, Track, L.H.	1
27	PO-204	PIVOT Lift Cylinder	2
28	300454	CHANNEL, Second Upper R.H.	1
	300455	CHANNEL, Second Upper L.H.	1
29	2R-1608	BRACE, Bottom R.H.	1
	2R-1609	BRACE, Bottom L.H.	1
30	200784	BRACE, Clamp R.H.	1
	200783	BRACE, Clamp L.H.	1
31	400393	BRACE, Bottom	2
32	302930	SHIELD, Tire, R.H. Standard (Used With Std. Step)	1
	302929	SHIELD, Tire, L.H. Standard (Used With Std. Step)	1
33	300534	SUPPORT, Carrier Cylinder	2
34	204945	HUB, Inner	2
35	302846	WELDMENT, Step, R.H. (Optional)	1
	302845	WELDMENT, Step, L.H. (Optional)	1
36	41053	TUBE, Rear Vertical Support (Optional)	2
37	41773	BRACKET, Support (Optional)	2
38	41048	SHIELD, Tire, R.H. (Optional)	1
	41049	SHIELD, Tire, L.H. (Optional)	1
40	300521	CHANNEL	5
41	400481	BRACE, Cross, Hopper Bottom	1
42	PO-221	ANGLE, Bottom	1
	401033	LINER, Hopper Floor	1
	401212	LINER, Hopper Side	2
43	400396	WELDMENT, Tube Flange (R.H.)	1
	400397	WELDMENT, Tube Flange (L.H.)	1
44	PO-682	CAP, Cross Brace	2
45	PO-264	BRACE, Pivot, Hub	1
46	204947	WELDMENT, Hub	2
47	200724	MOUNT, MOV H-Frame	2
48	208902	WELDMENT, Handle Pivot	1

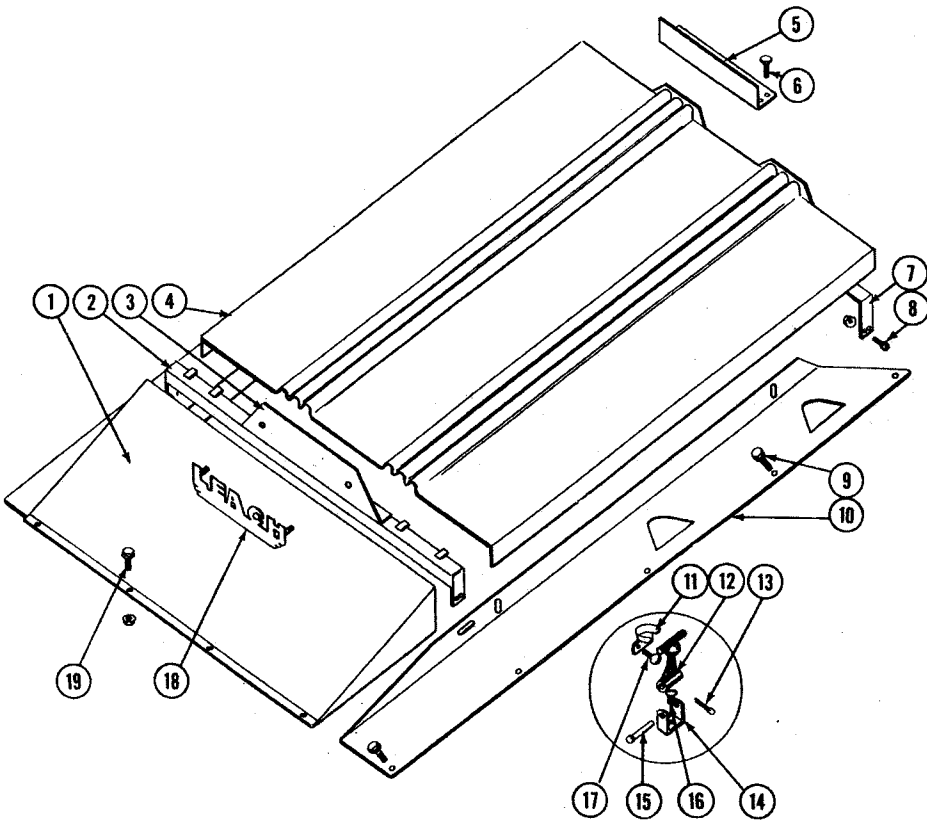
TAILGATE ASSEMBLY



TAILGATE ASSEMBLY

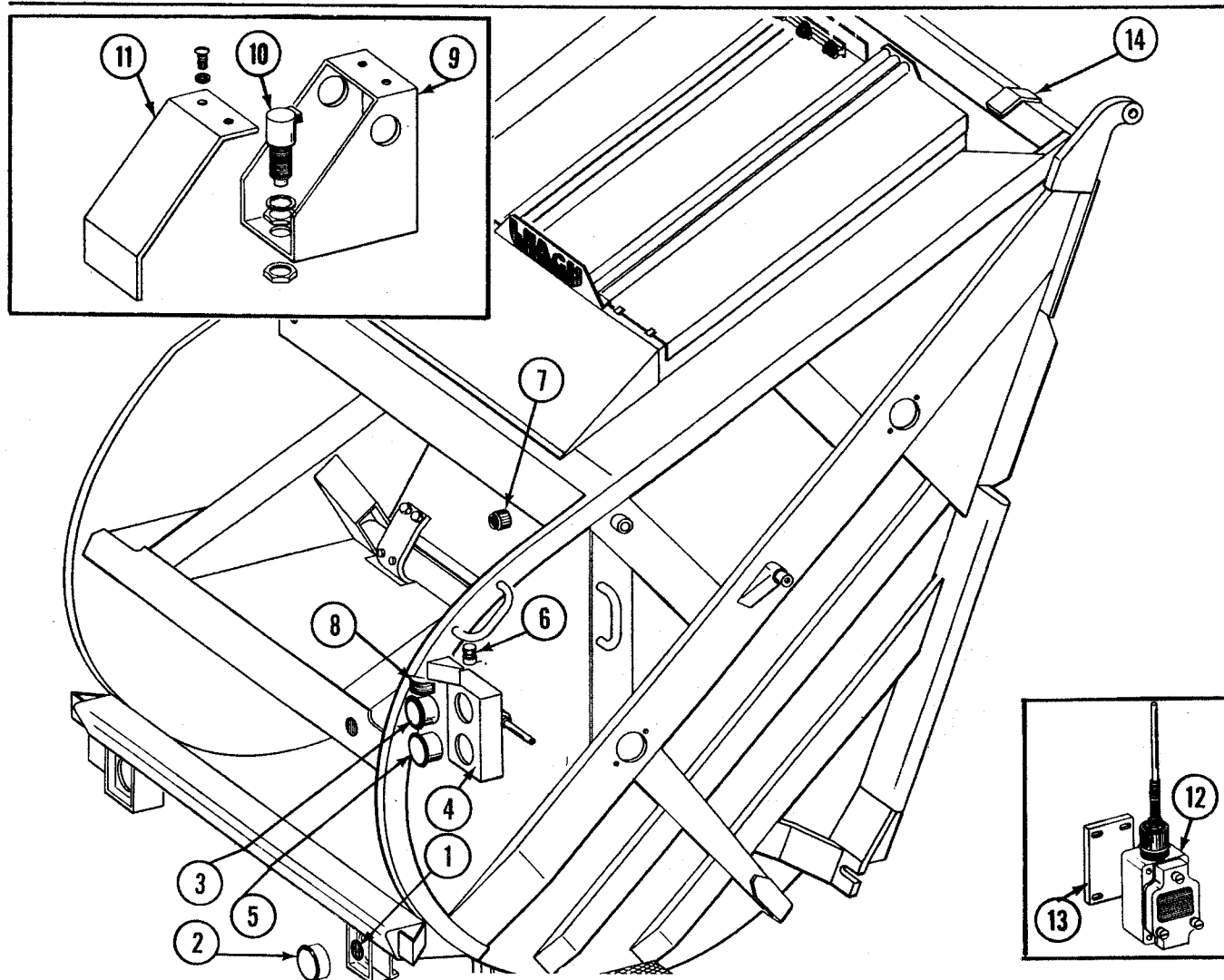
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	@0105	PLUG, Hopper, 1-1/4" NPT	1
2	301899	ROLLER	4
3	201735	COVER, Track	4
4		SCREW, Cap 1/2" x 3/4"	8
		WASHER, Lock 1/2"	8
5	200312	COVER, Grease Hole, R.H.	2
	200313	COVER, Grease Hole, L.H.	2
6	35784	SPACER, Cover, Grease Hole	4
7	16171	FITTING, Grease	2
8	PO-2303	HANDLE, Tailgate Clamp	2
9	PO-2300	HUB	2
	100863	RING RETAINING	4
10	16162	BEARING, Ball Thrust	2
	PO-2299	ASSEMBLY, Tailgate Clamp, Includes Items, 7, 8, 9, 10	2
11		WASHER, 1"	8
12	PO-1501	PIN	2
13	PO-1504	GUIDE, Triangle, Welded To Tailgate	2
	301469	GUIDE, Block, Left, Welded To Body	1
	301470	GUIDE, Block, Right, Welded To Body	1
14	PO-247	CLAMP, Bolt	2
15	PO-159	BAR, Clamp Pivot	2
16		PIN, Cotter 1/4" x 1-1/2"	2
17	PO-205	WASHER	2
18	SR-6025	BOLT, Tapped	2
19	405089	CYLINDER, Tailgate Lift	2
20	203062	SLEEVE, Pivot	2
21	16170	FITTING, Grease	4
22		SCREW Cap, 3/8" x 1-1/2" UNC	2
		WASHER, Lock, 3/8"	2
23	PO-421	RETAINER	2
24	PO-420	PIN, Tailgate, Lift	2
25	203042	PIN, Restriction, Tailgate Lift	2
26	100371	HOSE, Tailgate Lift	2
27	103805	SEAL, Tailgate	1
	100977	SEAL Tailgate Extended	1
28	400102	CROSS, Bar, Tailgate Seal	1
29	F5675	SCREW, Cap, Soc. Head 3/8" x 1" UNC	11
30	PO-558	SIDE, Bar	2
	401059	SIDE BAR, Extended	2
31	F5800	SCREW, Cap, Soc. Head 3/8" x 1-1/4" UNC	8
		NUT, 3/8" UNC	8
32		PIN, Cotter 3/16" x 1"	11
33	2R-1123	BOLT	11
34	2R-1122	WIPER, Sheet	1
35	2R-1069	STOP, Wiper Sheet	11
36	16211	SPRING, Wiper Sheet	11
37		NUT, Stop 1/2" UNC	11
	2R-1694	WIPER Assembly, Includes Items 32, 33, 34, 36, 37	1
38	2R-1068	ANGLE, Wiper	1
39		SCREW, Cap 1/2" x 2-1/2" UNC	2
40	201124	RETAINER	2
41		NUT, 1/2" UNC	2
42	203553	PIN, Tailgate To Body	2
43	301667	PLATE, Deflector Assembly (Optional)	1
44	300343	WELDMENT, Hinge L.H.	1
45	300344	WELDMENT, Hinge R.H.	1

TOP SHEETS



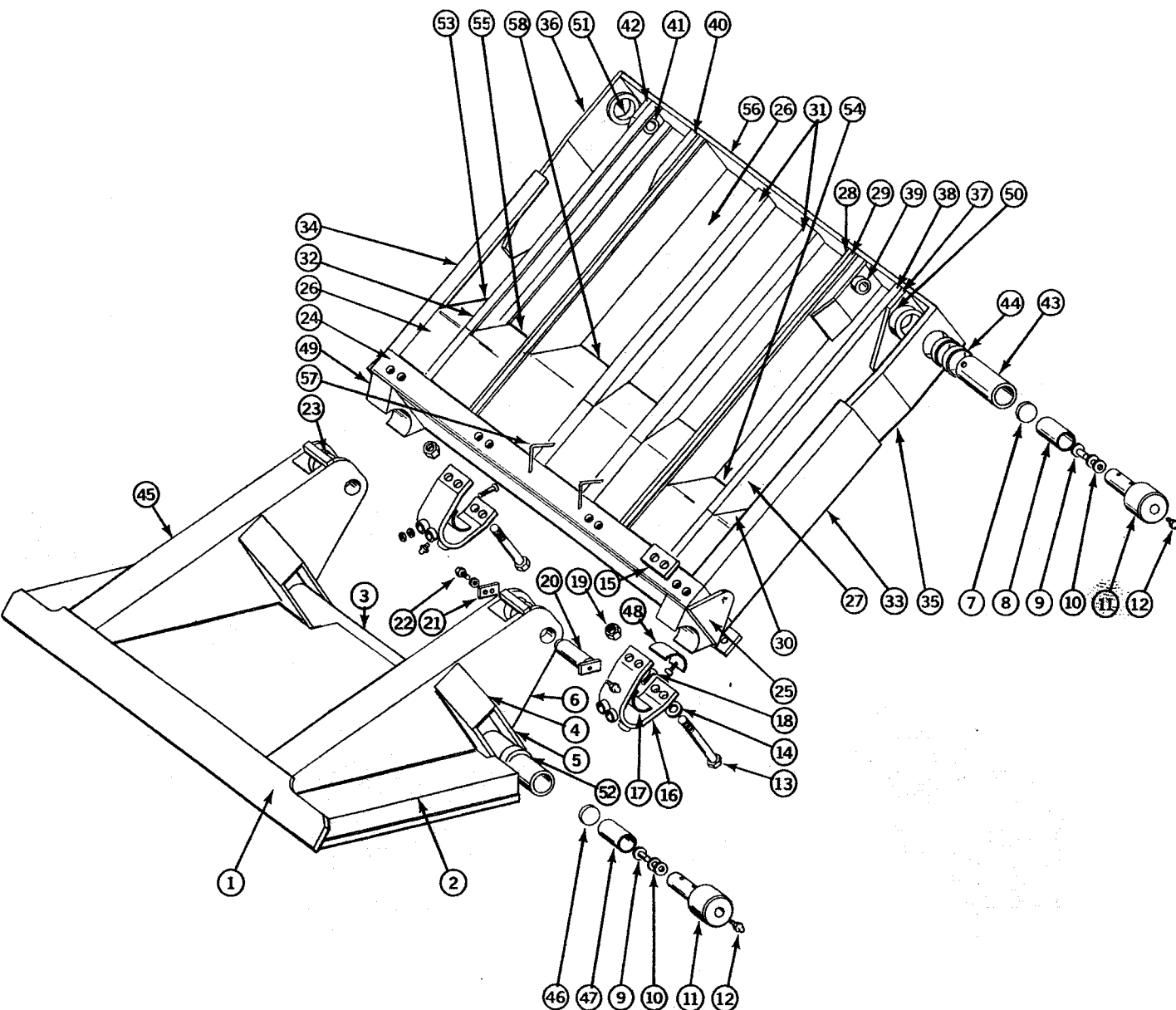
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	40146	COVER, Rear Top	1
2	40723	ANGLE, Cross, Rear	1
3	40415	BRACKET, Sign	1
4	40188	COVER, Top	1
5	40416	BRACKET, Cluster Light	1
6		SCREW, Cap	4
		WASHER, Lock	4
		NUT	4
7	40178	ANGLE, Cross, Front	1
8		SCREW, Cap, Round 5/16" x 3/4" UNC	8
		NUT, Whiz, 5/16" UNC	8
9		SCREW, Cap, 3/8" x 3/4" Taptite, Forming	10
		WASHER, Heavy Duty	10
10	400559	SIDE SHEET, Left	1
	400558	SIDE SHEET, Right	1
11	40495	BRACKET, Hood	6
12	40496	HOOK, Rubber	6
13		PIN, Cotter, 3/32" x 1/2"	6
14	40494	BRACKET, Anchor	6
15	40497	PIN	6
16		SCREW	
17		SCREW, Machine, 10-32 x 1/2"	8
		NUT, Lock 10-32	8
18	NR-645-1	LEACH LOGO, White	1
	NR-645-2	LEACH LOGO, Red	1
19		SCREW, 3/8" x 3/4" UNC	4
		NUT, Flange Whiz Lock, 3/8" UNC	4

TAILGATE ELECTRICAL



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	16136	REFLECTOR, Red	4
2	100749	LAMP Kit, Back-Up - Truck Lite (Standard)	2
	100748	LAMP Kit, Back-Up - Signal Stat (Optional)	2
	100750	LAMP Kit, Back-Up - Grote (Optional)	2
3	37721	LAMP Kit, S.T.&T. - Truck Lite (Standard)	2
	100745	LAMP Kit, S.T.&T. - Signal Stat (Optional)	2
	100746	LAMP Kit, S.T.&T. - Grote (Optional)	2
4	305277	WELDMENT, Light/Lever Combination	1
	301123	WELDMENT, Light Bracket L.H.	1
5	104463	LAMP, Amber Turn	2
6	33179	SWITCH, Signal	2
7	38176	ALARM, Backup	1
8	16132	LIGHT, Marker, Red	2
9	201269	HOUSING, Switch	1
10	100811	SWITCH, Tailgate Ajar	1
11	201270	COVER, Switch Housing	1
12	100327	SWITCH, Limit	1
13	204124	BRACKET, Switch	1
	304455	HARNESS, Tailgate Wiring, Left Side, Used With 500411 Light Bar	1
	302696	HARNESS, Tailgate Wiring, Right Side, Used With 500411 Light Bar	1
14	200724	MOUNT, MOV H-Frame	2

CARRIER AND PACKER PLATE



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	41660	EDGE, Packer Plate	1
2	301444	CHANNEL, Outside Right	1
	301445	CHANNEL, Outside Left	1
3	17231	TUBE, Weldment, Includes 46, 47	1
4	37260	PLATE, Filler	2
5	41733	STRAP, Outside	4

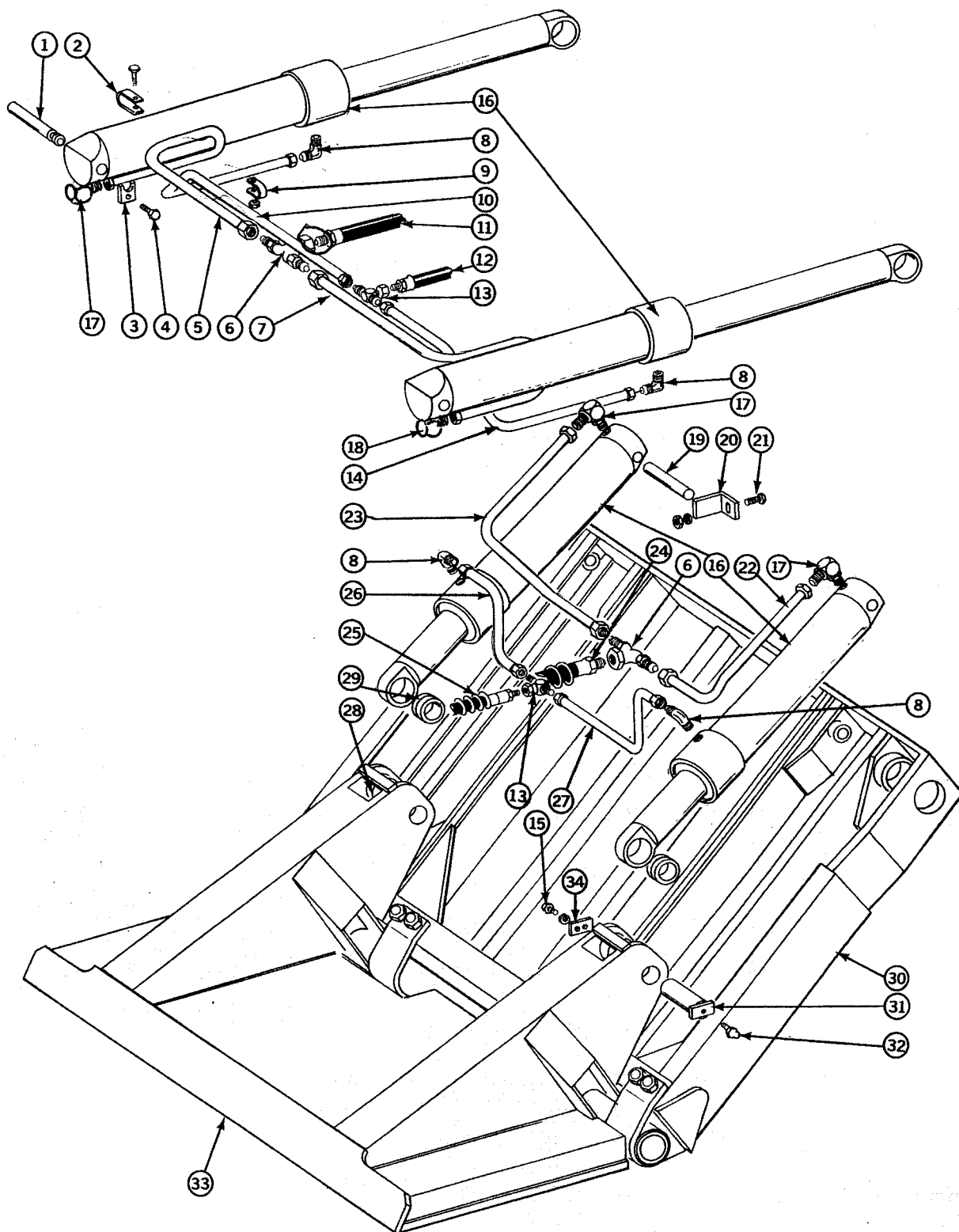
CARRIER AND PACKER PLATE

REF. NO.	PART NO.	DESCRIPTION	QTY.
6	35666	SOCKET, Weldment	2
7	2R-1797	DISC, Thrust	2
8	2R-1796	SLEEVE, Bearing	2
9	2R-1799	SPACER	4
10	SK-1817	WASHER	As Req.
11	301899	ROLLER	4
12	16170	FITTING, Grease	8
13	101244	BOLT, Thru	8
14	41876	WASHER	16
15	41816-1	SHIM	8
16	41811	BEARING, Housing Assy., Includes Items 12, 17, 18	4
17	2R-1121	HALF Bushing, Inside	4
18	F4275	SCREW, Flat Hd. Mach. 1/4" x 1" Brass	24
	F7075	WASHER, Flat 1/4"	24
	F2725	NUT, 1/4" UNC	16
19	100100	NUT, Lock 1" UNC	8
20	2R-1948	PIN, Pivot	2
21	2R-1951	COVER, Pin	2
22		WASHER, Lock 1/2"	4
		SCREW, Cap 1/2" x 1-1/4" UNC	4
23	2R-1950	BUSHING, Pin	2
24	404942	TUBE, Bottom, Repair Kit, Includes 25 and 7 Angles	1
25	41402	PLATE, End	2
26	41400	CENTER, Plate	1
27	41026	CHANNEL, R.H.	1
28	41030	CENTER, Brace	2
29	41411	STIFFENER, Bar	2
30	205082	COVER, Outer R.H.	1
31	41410	CHANNEL, Stiffener	2
32	41027	CHANNEL, L.H.	1
33	41398	OUTSIDE, Box R.H.	1
34	41399	OUTSIDE, Box L.H.	1
35	206434	WELDMENT, Right, Bearing	1
36	206435	WELDMENT, Left, Bearing	1
37	304150	RIGHT, Hub Weldment R.H.	1
38	204974	WELDMENT, Hub Support R.H.	1
39	204972	WELDMENT, Hub Reinforcement R.H.	1
40	204973	WELDMENT, Hub Reinforcement L.H.	1
41	204975	WELDMENT, Hub Support L.H.	1
42	304151	LEFT, Hub Weldment	1
43	203062	CYLINDER Pivot Assembly, Includes Items 7, 8	2
44	2R-1224	SLEEVE, Split	4
	16231	CLAMP, Hose	2
45	41930	PACKER PLATE Assembly, Includes 46, 47	1
46	2R-2042	DISC, Thrust	2
47	2R-2041	SLEEVE, Bearing	2
48	201217	HALF, Bushing, Carrier	2
49	203620	BLOCK, End	2
50	203066	PLATE, Retaining	2
	102577	PIN, Roll	2
51	202982	SLEEVE, Hub Repair, Outside	2
	202981	SLEEVE, Hub Repair, Inside, With Hole.	2
52	2R-1082	FLANGE, Torque Tube	1
53	205081	COVER, Outer L.H.	1
54	205080	COVER, R.H.	1
55	205079	COVER, L.H.	1
56	2R-2198	TOP, Bar	1
57	205935	LIFTING, Eye	2
58	205078	COVER, Center	1
	304160	CARRIER WELDMENT, For Repair	1
	404117	ASSEMBLY, Carrier, For Repair	1

SECTION 1

CARRIER & PACKER PLATE ASSEMBLY

AFTER SERIAL NUMBER 8394

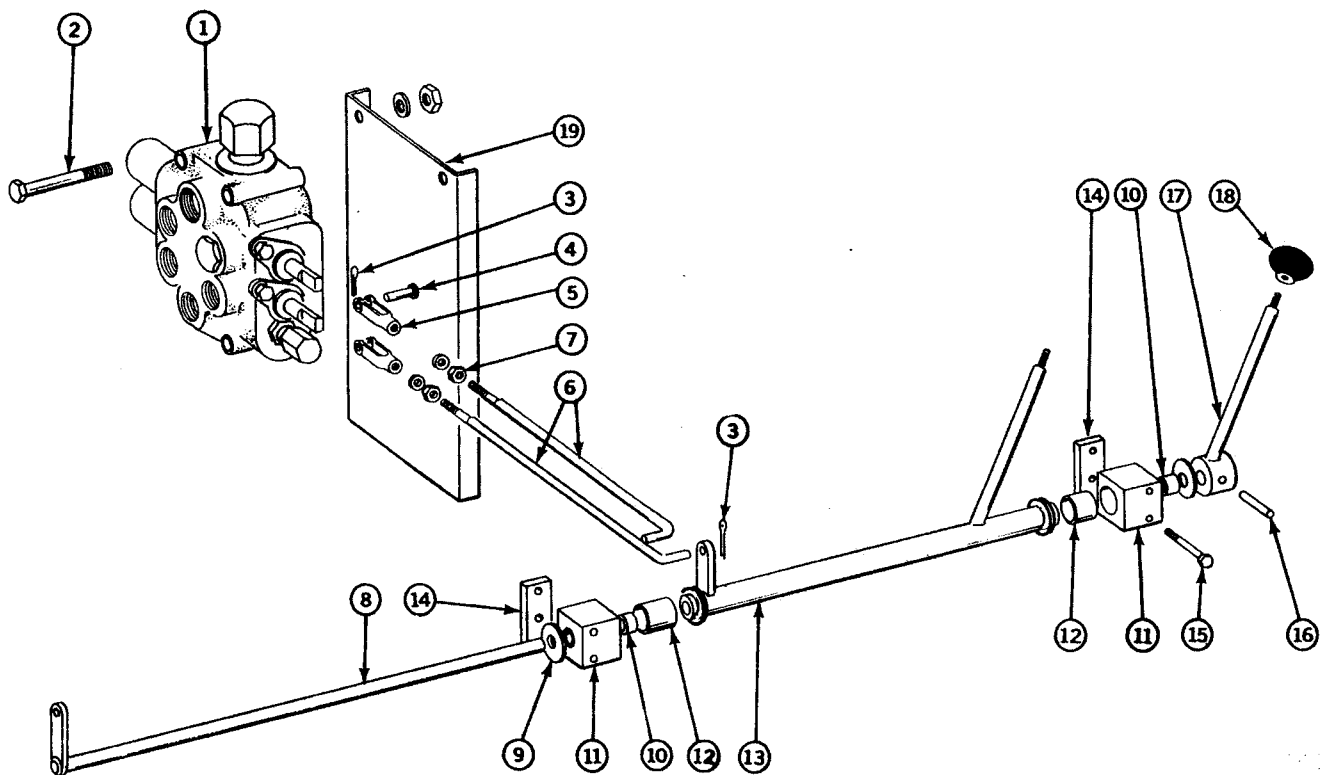


CARRIER & PACKER PLATE ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	204946	PIN	2
2	2R-1732	CLAMP, Pipe	2
		SCREW, Cap 3/8" x 2-1/2" UNC	2
		NUT, 3/8" UNC	2
3	200786	RETAINER, Pin	2
4		SCREW, Cap 1/2" x 1-1/4" UNC	2
		WASHER, Lock 1/2"	2
5	404941	TUBE, Carrier, Left Case End	1
6	200999	TEE	2
7	404792	TUBE, Right, Case End	1
8	18008	ELBOW	4
9	2R-1731	CLAMP, Tube	2
10	405005	TUBE, Carrier, Left, Rod End	1
11	201002	HOSE	1
12	15805	HOSE	1
13	16219	TEE	1
14	2R-1310	TUBE, Carrier, Right, Rod End	1
15		SCREW, Cap 1/2" x 1-1/4" UNC	2
		WASHER, Lock 1/2"	2
16	303904	CYLINDER, Operating	4
17	16226	ELBOW	3
18	208303	ELBOW, Carrier, Right, Case End	1
19	200787	PIN, Pivot	2
20	35380	RETAINER, Pin	2
21		SCREW, Cap 1/2" x 1-1/2" UNC	2
22	404754	TUBE, Packer, Right, Case End	1
23	404755	TUBE, Packer, Left, Case End	1
24	201001	HOSE	1
25	201000	HOSE	1
26	2R-1306	TUBE, Packer, Left, Rod End	1
27	2R-1307	TUBE, Packer, Right, Rod End	1
28	2R-2057	HUB	4
29	2R-1950	BUSHING, Pin	2
30	304160	WELDMENT, Carrier Plate	1
31	2R-1948	PIN, Pivot	2
32	16170	FITTING, Grease	2
33	41930	ASSEMBLY, Packer Plate	1
34	2R-1951	COVER, Pin	2

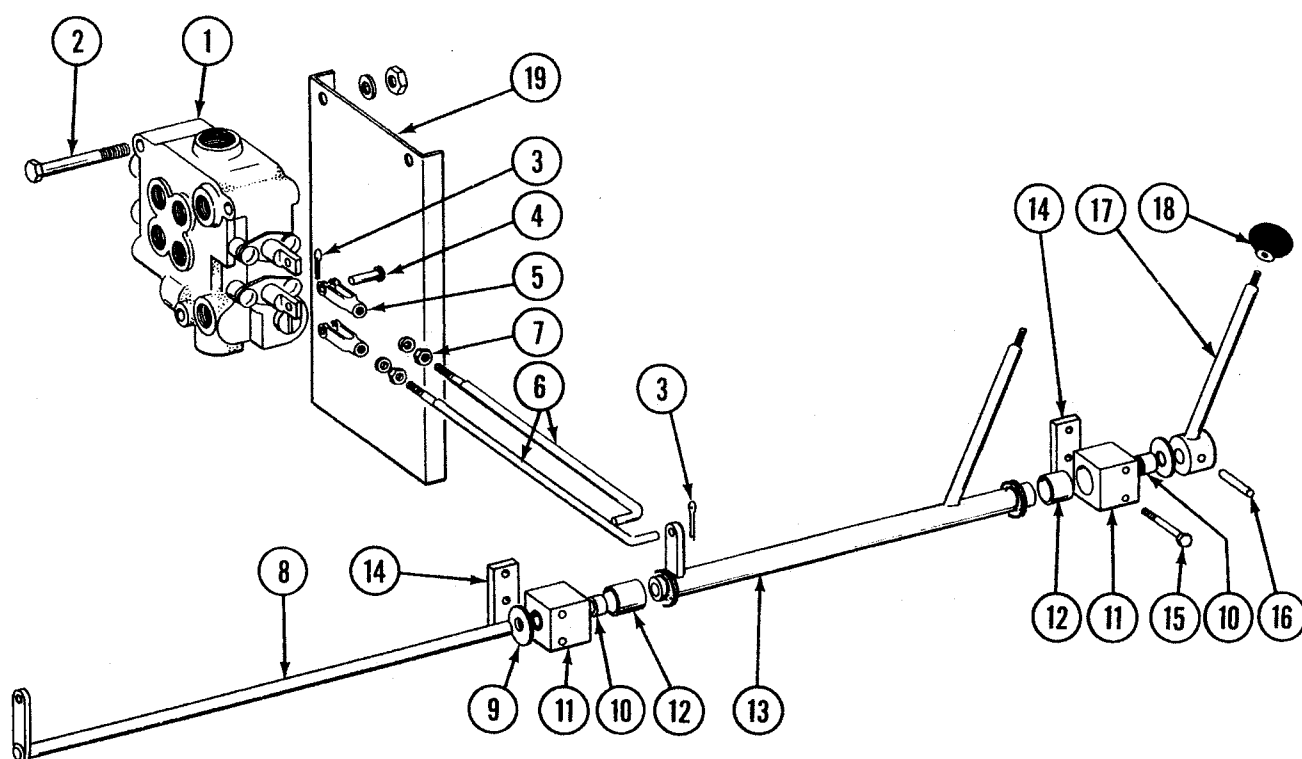
SECTION 1

FRONT CONTROLS, TELESCOPIC



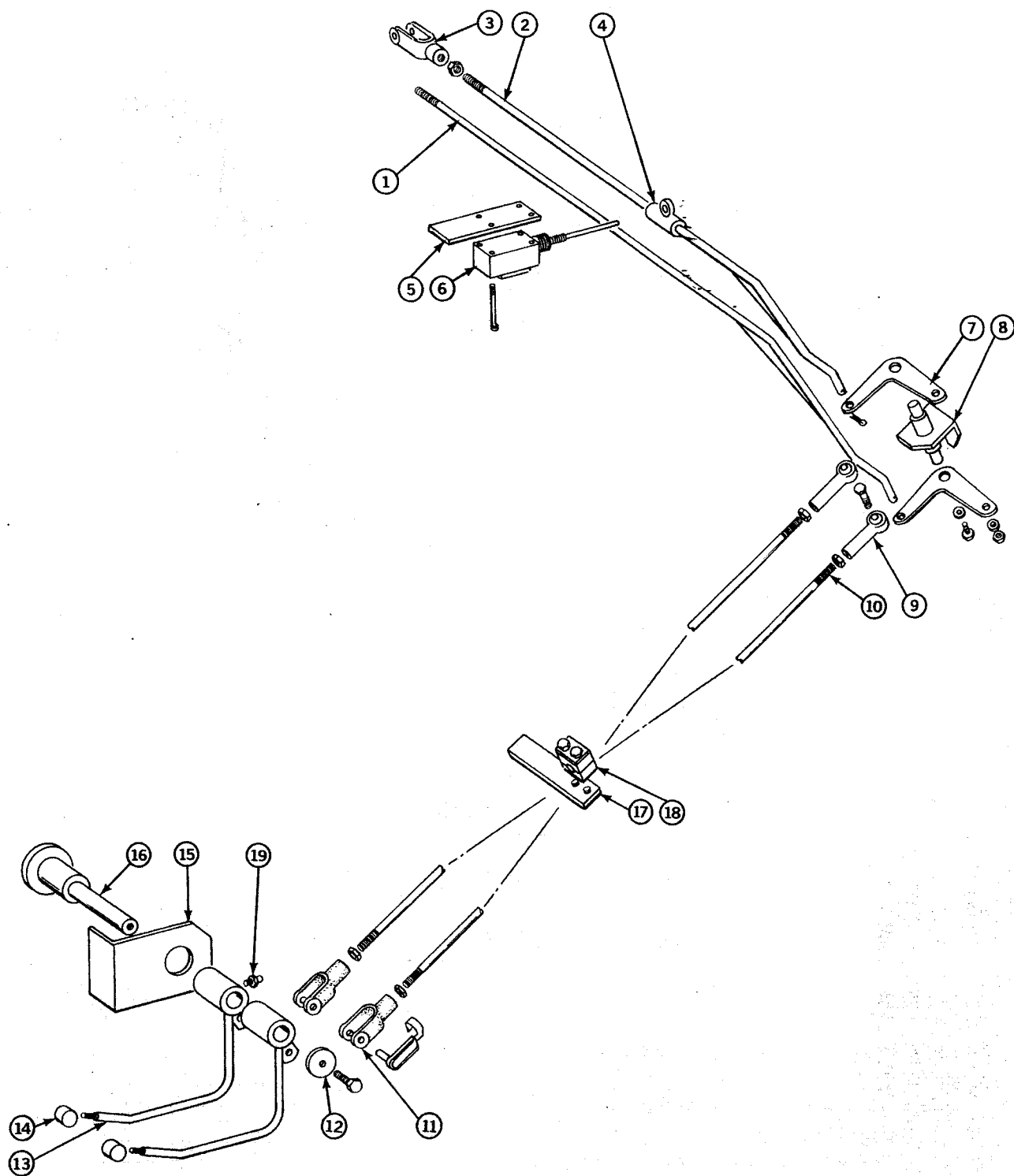
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	401579	VALVE, Tandem Directional	1
2		SCREW, Cap, 1/2" x 4" UNC	2
		SCREW, Cap, 1/2" x 4-1/2" UNC	1
		WASHER, Lock, 1/2"	3
		NUT, 1/2" UNC	3
3		PIN, Cotter, 1/8" x 1"	4
4	16257	YOKE, Pin	2
5	38829	YOKE, End	2
6	202297	CONTROL Rod, Valve	2
7		NUT, 3/8" NF	2
		WASHER, Lock 3/8"	2
8	200525	LEVER, Control	1
9	F7500	WASHER, Flat 3/4" SAE	2
10	41160	BUSHING	2
11	41162	BLOCK, Bearing	2
12	41159	BUSHING	2
13	300320	LEVER, Control, Tube	1
14	200519	BRACKET, Lever	2
15		SCREW, Cap, 1/4" x 2-3/4" UNC	4
		WASHER, Lock 1/4"	4
		NUT, 1/4" UNC	4
16	400245-9	PIN, Roll	1
17	200524	CONTROL, Lever	1
18	1152	KNOB, Control, Black	2
	102808	KNOB, Control, Yellow	1
19	301963	BRACKET, Valve	1
	400245	ASSEMBLY, Includes Items 8 thru 17	1

FRONT CONTROLS, CLAMP



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	401206	VALVE, 2-Spool	1
2		SCREW, Cap, 1/2" x 4" UNC	2
		SCREW, Cap, 1/2" x 4-1/2" UNC	1
		WASHER, Lock, 1/2"	3
		NUT, 1/2" UNC	3
3		PIN, Cotter, 1/8" x 1"	4
4	16257	YOKE, Pin	2
5	16103	YOKE, End	2
6	200705	CONTROL Rod, Valve	2
7		NUT, 3/8" NF	2
		WASHER, Lock 3/8"	2
8	200525	LEVER, Control	1
9	F7500	WASHER, Flat 3/4" SAE	2
10	41160	BUSHING	2
11	41162	BLOCK, Bearing	2
12	41159	BUSHING	2
13	300320	LEVER, Control, Tube	1
14	200519	BRACKET, Lever	2
15		SCREW, Cap, 1/4" x 2-3/4" UNC	4
		WASHER, Lock 1/4"	4
		NUT, 1/4" UNC	4
16	400245-9	PIN, Roll	1
17	200524	CONTROL, Lever	1
18	1152	KNOB, Control	2
19	39728	BRACKET, Valve	1
	400245	ASSEMBLY, Includes Items 8 thru 17	1

REAR CONTROLS



REAR CONTROLS

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	208230	WELDMENT, Control Rod	1
2	208231	WELDMENT, Control Rod	1
3	104696	CLEVIS	2
	F3212	NUT, Jam	2
4	107099	WELDMENT, Bracket	1
	F4730	SCREW, Set	2
5	208860	BASE, Switch	1
6	100327	SWITCH, Speed Up	1
7	106172	ASSEMBLY, Bell Crank	2
	103174	BEARING, Oil Lite	2
8	208847	WELDMENT, Pivot Bracket	1
9	16210	END, Rod	2
	F3410	NUT	4
10	305413-01	WELDMENT, Control Rod	2
	305463-01	ASSEMBLY, Control Rod	2
11	SK-475	CLEVIS	2
	106938-05	CLIP, Spring	2
	106937-05	ASSEMBLY, Clevis/Spring Clip	2
12	SR-7012	WASHER	1
13	405168	WELDMENT, Handle	2
14	208824	KNOB	2
15	208825	ANGLE	1
16	208902	WELDMENT, Pivot Handle	1

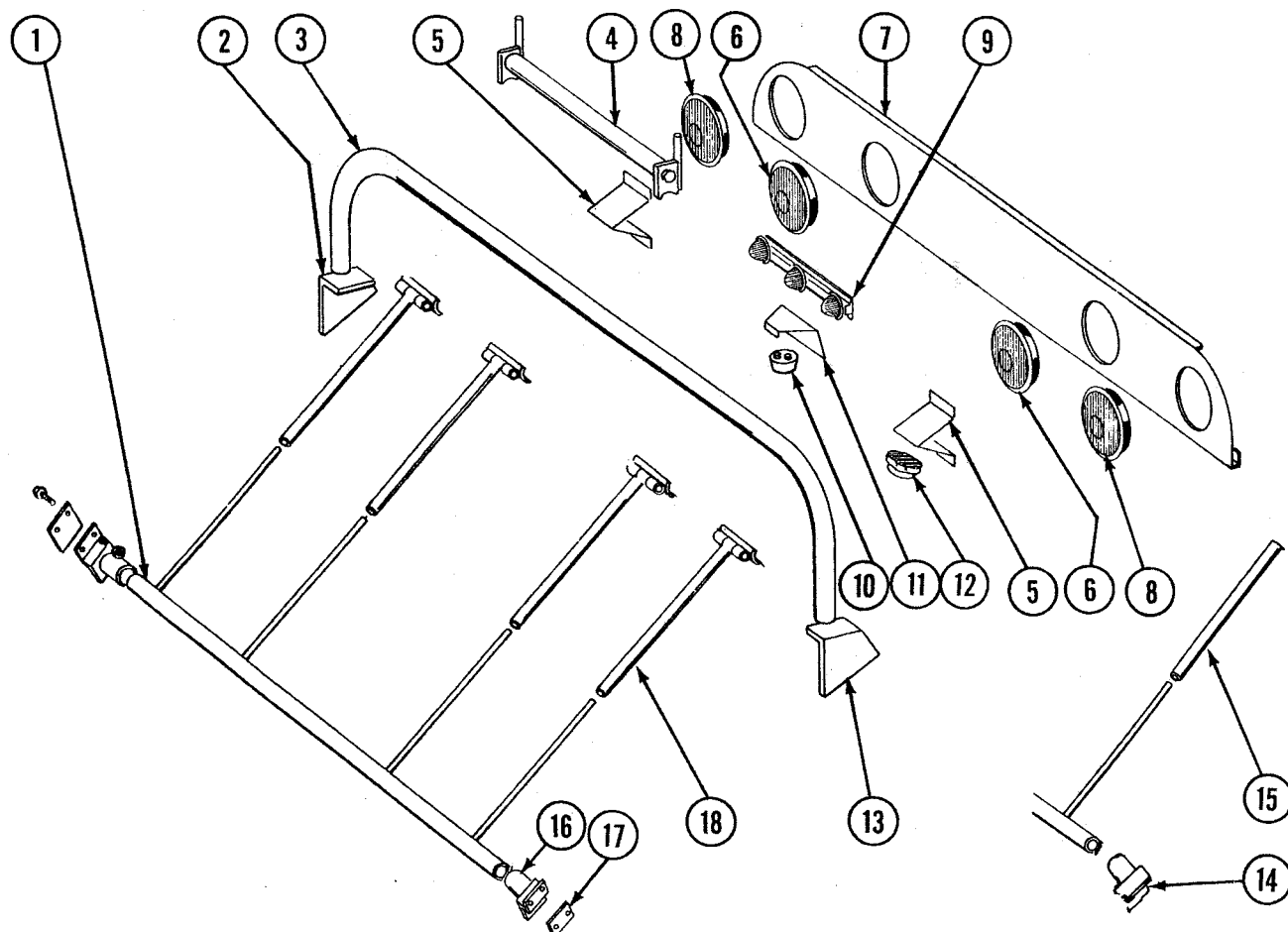
209339
107410 - 209338 Rod
KIT

900037 Bell Crank Replacement Kit
without New control Rods

108442 Bell Crank Replacement Kit
with New control Rods

SECTION 1

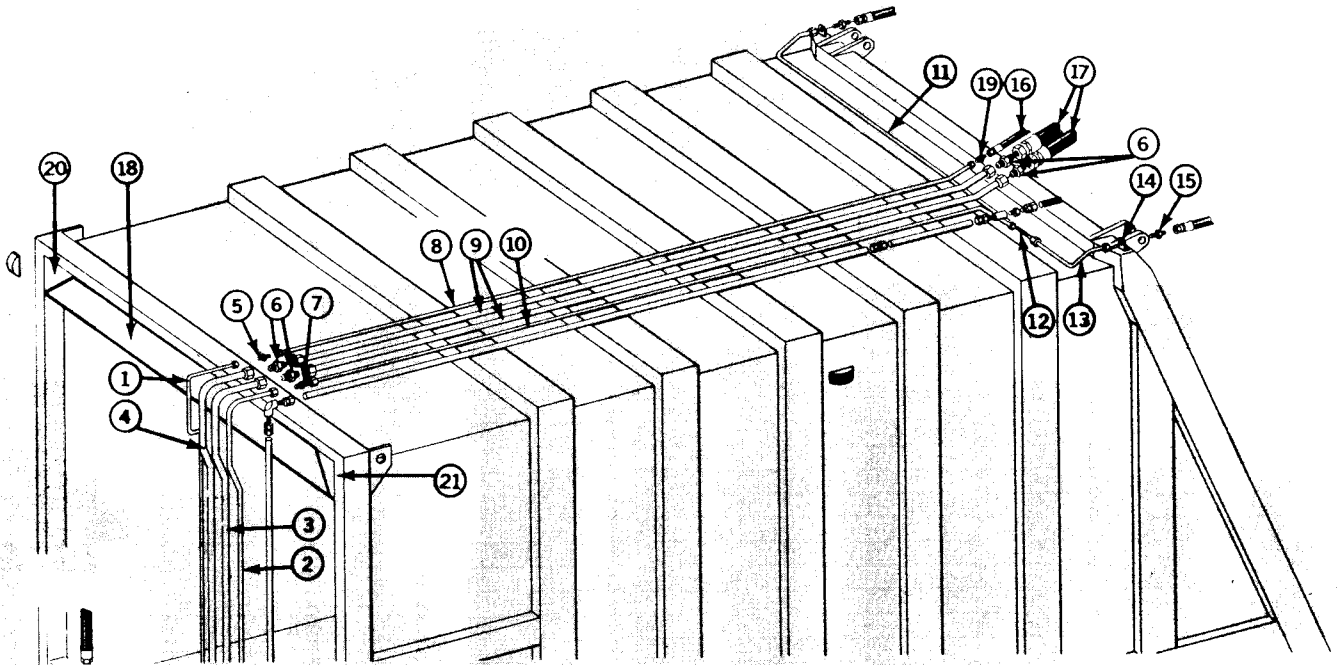
ADJUSTABLE LIGHT BAR ASSEMBLY



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	401985	CONTAINER Stop And Light Guard Weldment	1
2	202949	SUPPORT, Light Bar, L.H.	1
3	401913	TUBE, Light Bar	1
4	202748	ROLLER Guide Assembly	1
	201532	ROLLER W/Nut	1
	201578	CAPSCREW, W/Nut	1
	202747	ROLLER MOUNT, W/Nut	2
	F3650	HEX NUT, 3/4"-10	1
5	301765	BRACKET, Hopper Light	2
6	102922	LIGHT, Stop, Tail, Turn	4
7	404417	PANEL, Light Bar	1
8	103656	LIGHT, Amber	2
9	40745	LIGHT, Cluster	1
10	103085	LIGHT, License Plate	1
11	302656	BRACKET, License Light	1
12	105433	LAMP, Work Light	2
13	202950	SUPPORT, Light Bar, R.H.	1
14	202771	SLEEVE Support	2
15	202768	TUBING, Light Guard	4
16	203176	SLEEVE Support, Adjustable	2
17	203178	PAD, Clamp	2
18	302100	TUBING Assy., Light Guard, Adjustable	4
	500411	PANEL ASSEMBLY, Light Bar	1
	402318	Includes Items 5, 6-Qty. 2, 2 Amber Lights, 10, 11, 13, Harness P/N 404418 And Panel P/N 404417 GUARD, Light Bar, Includes Items 1, 17, 18, 19	1

SECTION 2

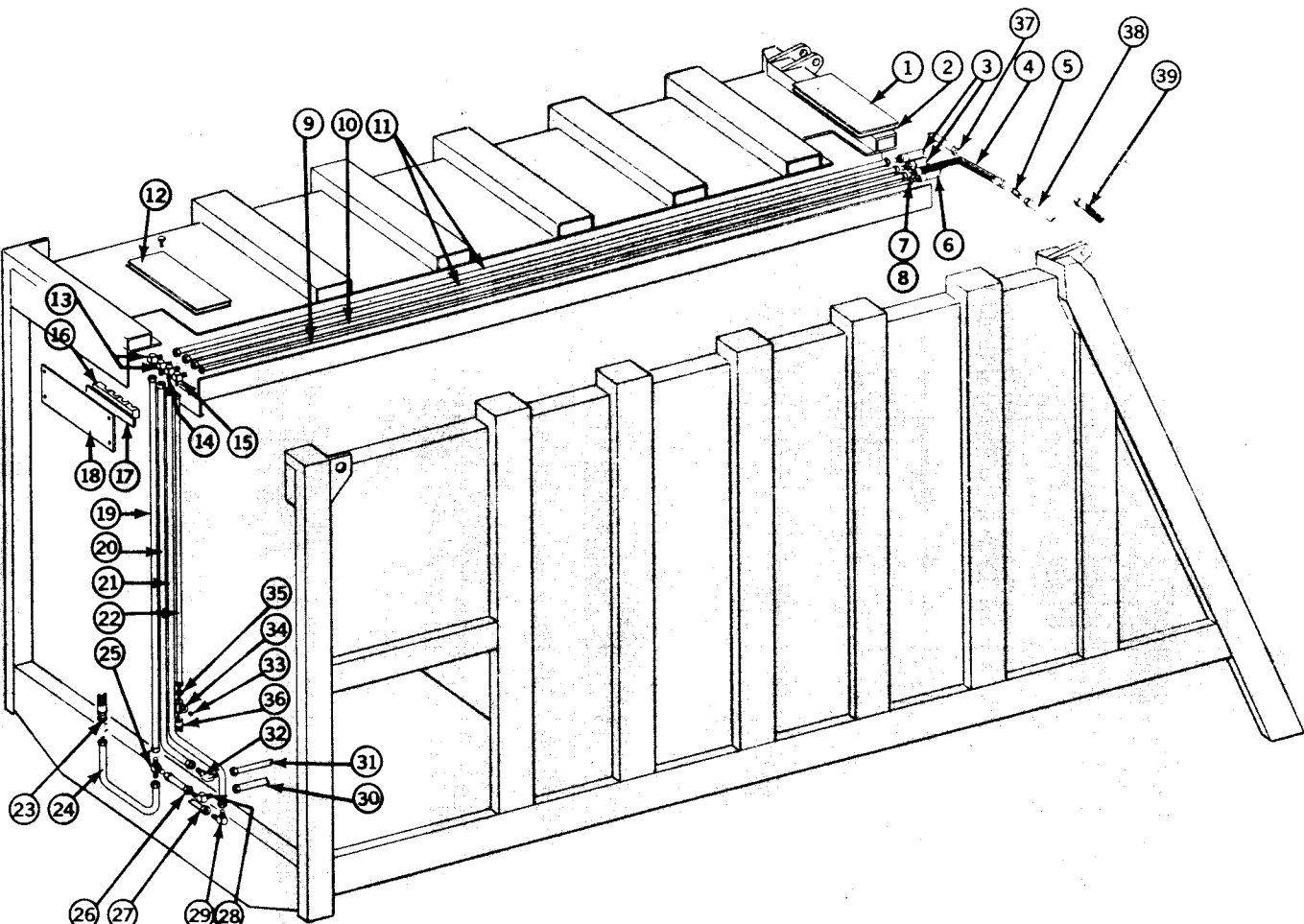
BODY TUBING



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	300841	TUBE, Telescopic (Replacement Requires Flareless Nut 2049-6, 2 ea., - 20496-6 Flareless Farrel 20496-3, 2 ea.) - 20496-5	1
2	402115	TUBE, Tailgate Lift	1
3	402116	TUBE, Return	1
4	402113	TUBE, MOV	1
	402369	TUBE, MOV, With Optional Relief Valve	1
5	100051	UNION	2
6	16123	UNION	2
7	16215	UNION	1
8	201289	TUBE, Pilot, 20 yd. With Optional Telescopic	1
	201290	TUBE, Pilot, 25 yd. With Optional Telescopic	1
	201291	TUBE, Pilot, 31 yd., With Optional Telescopic	1
9	300461	TUBE, 20 yd.	2
	300506	TUBE, 25 yd.	2
	300504	TUBE, 31 yd.	2
10	300467	TUBE, 20 yd.	1
	300507	TUBE, 25 yd.	1
	300505	TUBE, 31yd.	1
11	400421	TUBE	1
12	17661	TEE	1
13	400422	TUBE	1
14	200683	BRACKET, Tube, Tailgate Lift Cylinder	2
15	100409	UNION	2
16	100880	HOSE, With Optional Telescopic	2
17	100883	HOSE	1
	402234	GUARD, Front Tubing (Optional)	1
18	302270	BRACE, Front, Top	1
19	100551	COUPLING, Flareless	1
20	302434	GUSSET, Stop R.H.	1
21	302435	GUSSET, Stop L.H.	1

SECTION 2

LOW PROFILE TUBING (TELESCOPIC)



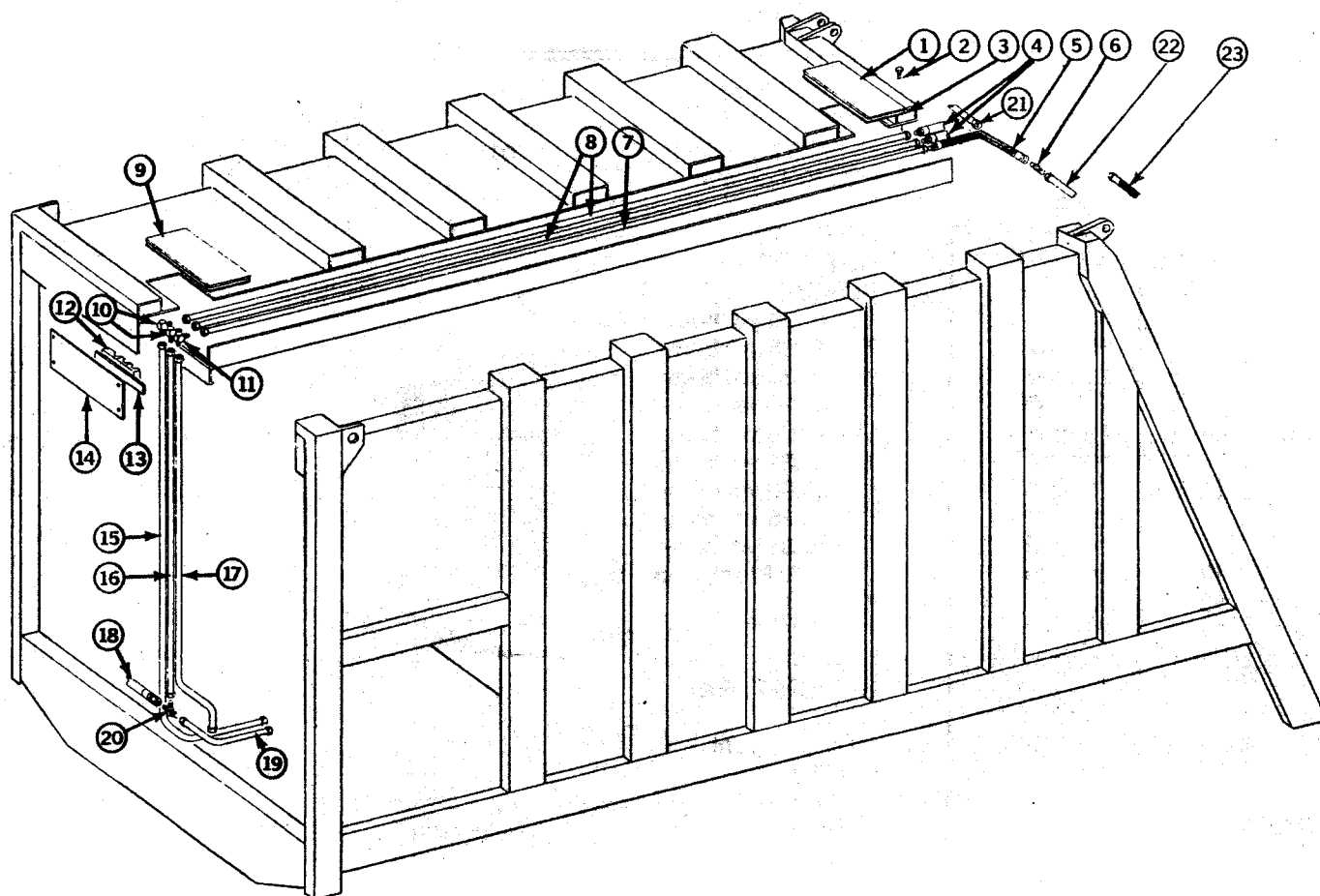


LOW PROFILE TUBING (TELESCOPIC)

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	202003	COVER, Rear	1
2	202013	GASKET, Cover, Rear	1
3	101287	HOSE, Pressure and MOV return	2
4	101286	HOSE, Tailgate	1
5	17661	TEE	1
6	100880	HOSE	1
7	20496-6	NUT	1
8	20496-5	SLEEVE	1
9	201986	TUBE, 20 yd. body	1
	201987	TUBE, 25 yd. body	1
	201988	TUBE, 31 yd. body	1
10	201980	TUBE, 20 yd. body	1
	201981	TUBE, 25 yd. body	1
	201982	TUBE, 31 yd. body	1
11	201976	TUBE, 20 yd. body	1
	201977	TUBE, 25 yd. body	1
	201978	TUBE, 31 yd. body	1
12	201999	COVER, Front, Top	1
13	16121	ELBOW	2
14	16110	ELBOW	1
15	16179	UNION	1
16	101351	SUPPORT, Tube	3
17	100788	PLATE	2
18	401380	COVER, Front	1
19	302190	TUBE	1
20	302189	TUBE	1
21	302191	TUBE	1
22	301279	TUBE	1
23	100353	HOSE, Tank return	1
24	302192	TUBE	1
25	16224	TEE	1
26	203277	TUBE	1
27	203278	TUBE	1
28		ELBOW	1
29	16190	ELBOW	1
30	301274	TUBE	1
31	301267	TUBE	1
32		ELBOW	1
33		PLUG, 1/4" NPT	1
34		TEE, 1/4" NPT	1
35	1309	CONNECTOR	1
36	100022	HOSE	1
37	401358	TUBE, Right	1
38	401360	TUBE, Left	1
39	101285	HOSE, T.G. Lift Cylinder	2

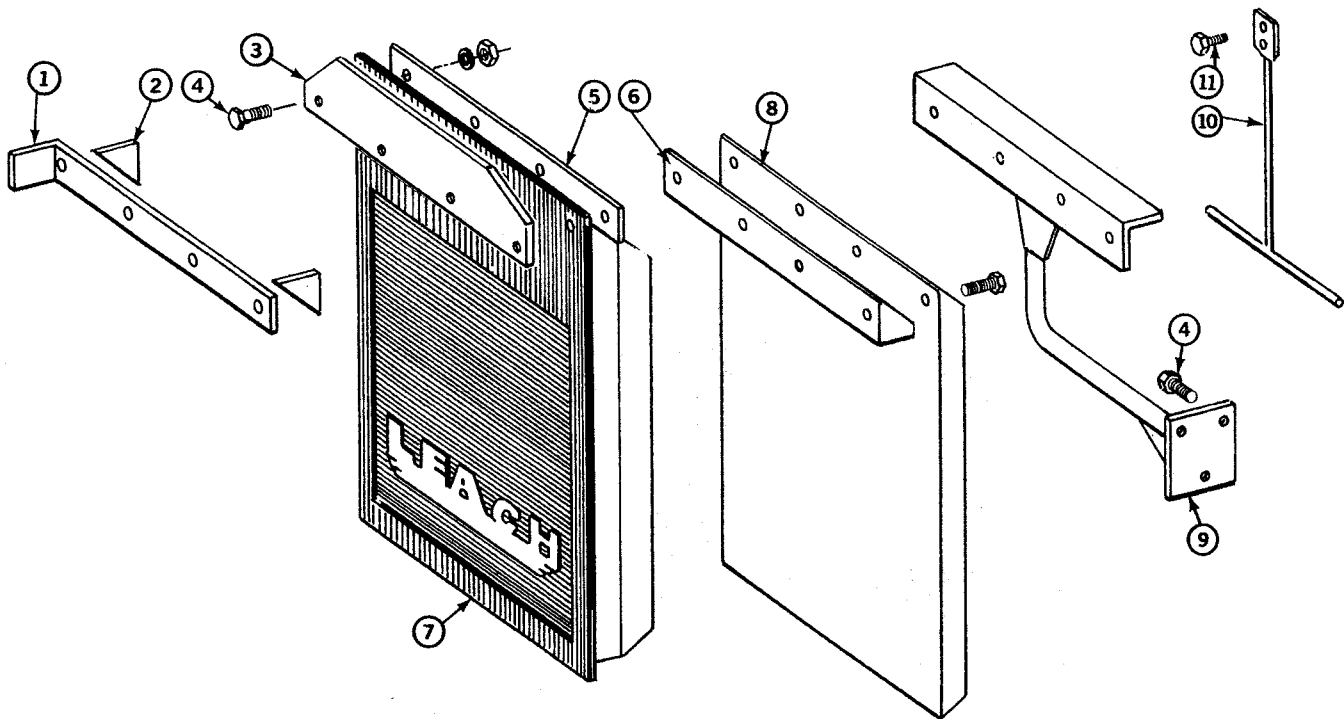
SECTION 2

LOW PROFILE TUBING (CLAMP)



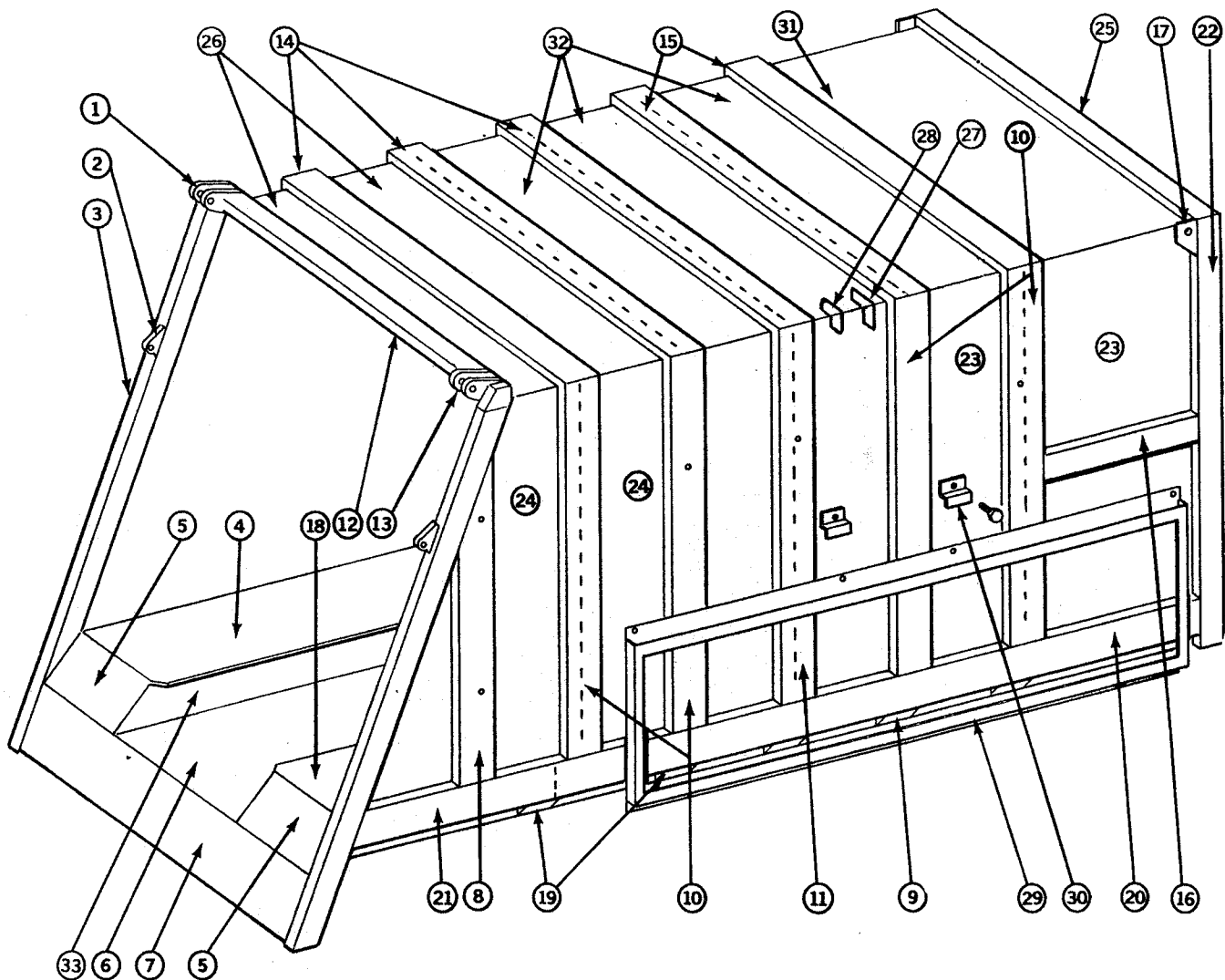
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	202003	COVER, Rear	1
2		SCREWS, Self-tapping 1/4" x 3/4"	6
3	202013	GASKET, Cover, Rear	1
4	101287	HOSE, Pressure and MOV return	2
5	101286	HOSE, Tailgate	1
6	17661	TEE	1
7	201980	TUBE, 20 yd. body	1
	201981	TUBE, 25 yd. body	1
	201982	TUBE, 31 yd. body	1
8	201976	TUBE, 20 yd. body	1
	201977	TUBE, 25 yd. body	1
	201978	TUBE, 31 yd. body	1
9	201999	COVER, Front, top	1
10	16121	ELBOW	2
11	16179	ELBOW	1
12	101351	SUPPORT, Tube	3
13	100788	PLATE	2
14	401380	COVER, Front	1
15	401355	TUBE	1
16	301268	TUBE	1
17	401357	TUBE	1
18	101292	HOSE	1
19	301267	TUBE	1
20	16224	TEE	1
21	401358	TUBE	1
22	401360	TUBE	1
23	101285	HOSE, T.G. Lift Cylinder	2

MUD GUARD ASSEMBLY



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	202935	BRACKET, Mud Flap	2
2	205382	GUSSET	2
3	205380	HANGER, Mud Flap	2
4		SCREW, Cap, 3/8" x 1-1/4" UNC	12
		WASHER, Flat, 3/8"	8
		NUT, 3/8" UNC	12
5	403407	FRAME, Mud Flap	2
6	205831	BRACKET	2
7	P-16-464	FLAP, Mud	2
8	403592	GUARD, Mud, Steel	2
9	304944	WELDMENT, Bracket, R.H.	1
	304945	WELDMENT, Bracket, L.H.	1
10	207785	WELDMENT, Tee Bar, Anti Sail	2
11		SCREW, Cap, 1/4" x 2-1/4" UNC	2
		NUT, Hex Whizlock UNC	2
	404719	ASSEMBLY, Metal Front Of Rear Axle	1
	404718	ASSEMBLY, Rubber Anti Sail, Front Of Rear Axle	1
	404980	ASSEMBLY, Rubber, Front Of Rear Axle	1
	301931	ASSEMBLY, Rubber, Back Of Rear Axle	1

SECTION 2
BODY WELDMENTS

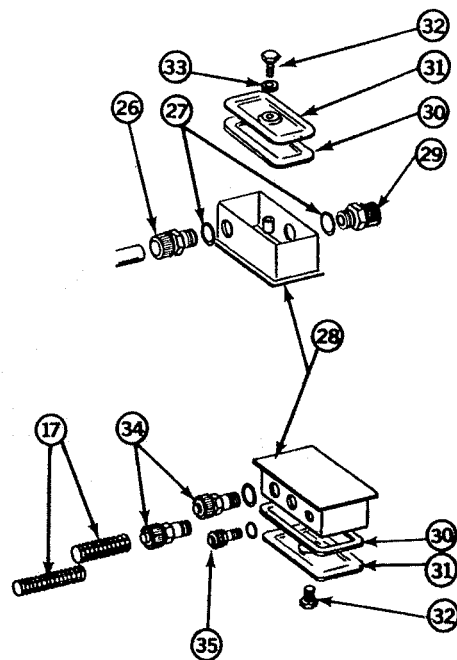
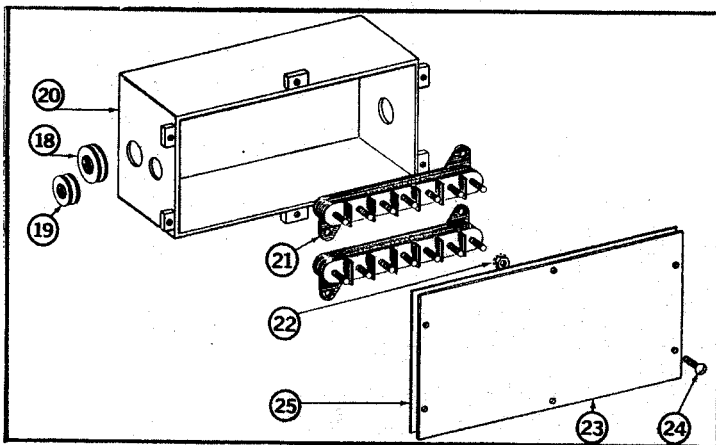
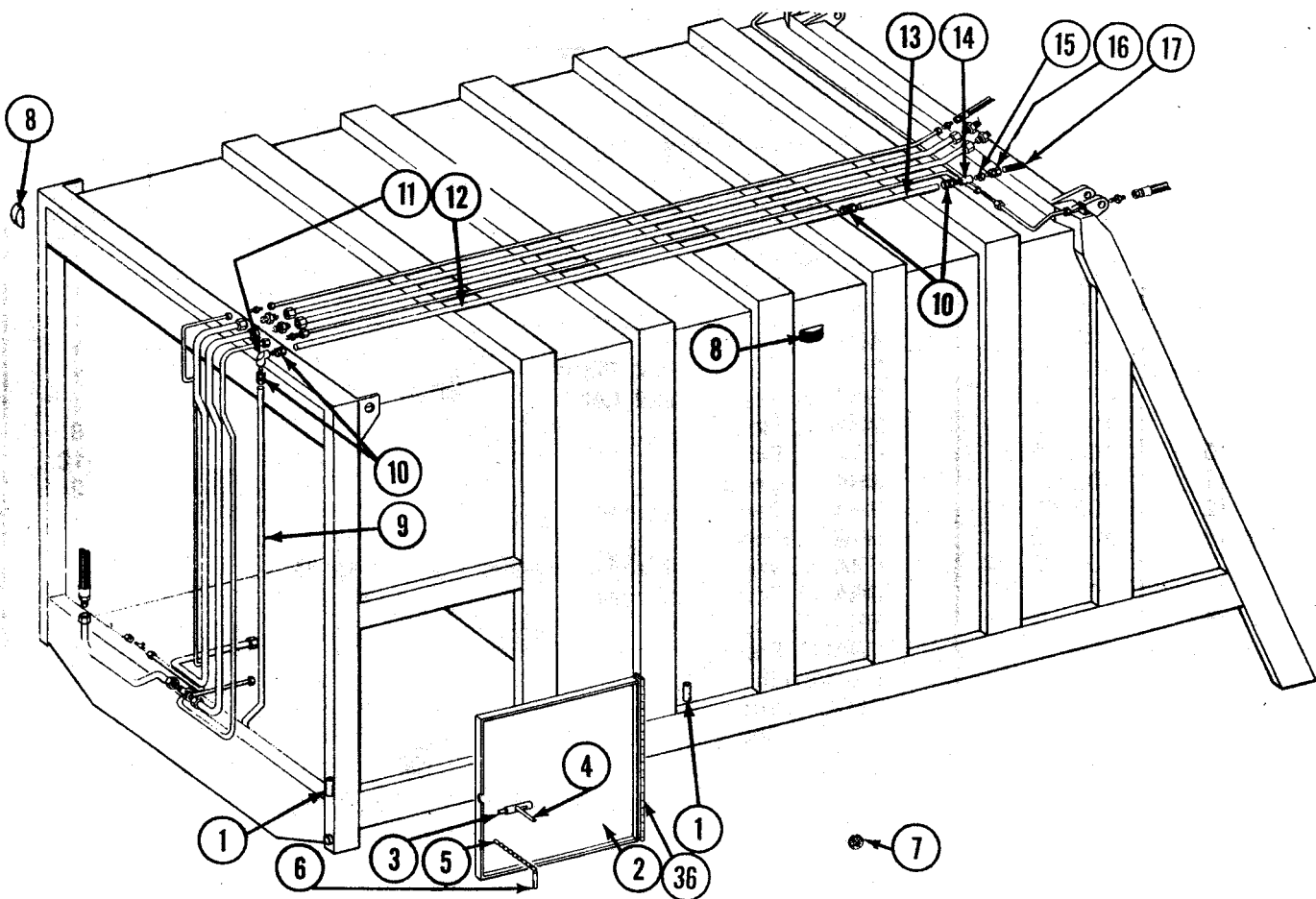


BODY WELDMENTS

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	400353	HINGE, Left	1
2	PO-156	SUPPORT, Pivot	2
3	300408	TUBE, Rear Vertical	2
4	301145	SHEET, Floor, 25 yd.	1
	301144	SHEET, Floor, 20 yd.	1
5	300406	FILLER, Floor	2
6	400288	TROUGH, 20 yd.	1
	400294	TROUGH, 25 yd.	1
	400646	TROUGH, 31 yd.	1
7	400301	APRON, Weldment	1
8	400292	BRACE, Rear Vertical, Right	1
	400293	BRACE, Rear Vertical, Left	1
9	400298	BRACE, Floor	8
10	400290	BRACE, Side	8-12
11	400894	BRACE, Center	2
12	300407	BRACE, Rear Horizontal	1
13	400352	HINGE, Right	1
	400327	FRAME, Weldment, Includes Items: 1, 2, 3, 7, 12, 13	1
14	401185	BRACE, Top, Rear Three	3
15	400289	BRACE, Top Front	4
16	300023	BRACE, Front Horizontal	2
17	200398	PLATE, Lift	2
18	301145	FLOOR, Sheet, Right, 25 yd.	1
	301144	FLOOR, Sheet, Right, 20 yd.	1
19	401427	BRACE, Floor, Flat-L	4
20	301153	CHANNEL	2
21	301152	CHANNEL Ext, Right (31 yd.)	1
	301151	CHANNEL Ext, Left (31 yd.)	1
22	300432	BRACE, Vertical-Front, Right	1
	300431	BRACE, Vertical-Front, Left	1
23	300402	SHEET, Side, Front	1
	300403	SHEET, Side, Front, Center	1
24	300556	SHEET, Side, Rear, Center (31 yd.)	1
	300404	SHEET, Side, Rear	1
25	302270	BRACE, Front, Top	1
26	300567	REAR, Top Sheet, 31 yd.	1
	300489	REAR, Top Sheet, 25 yd.	1
	300401	REAR, Top Sheet, 20 yd.	1
27	203281	GUSSET, LH (Each Channel)	2
28	203282	GUSSET, RH (Each Channel)	2
29	401425	WELDMENT, Card Holder, LH, 20 yd., 33 x 100	1
	401426	WELDMENT, Card Holder, RH, 20 yd., 33 x 100	1
	401420	WELDMENT, Card Holder, 25 yd., 31 yd., 33 x 116	2
	402165	WELDMENT, Card Holder, 36 x 96	2
	402501	WELDMENT, Card Holder, 36 - 1/4 x 96	2
30	202070	BRACKET, Card Holder	4
		SCREW, Cap, 3/8" x 3/4" SAE	4
		WASHER, Lock, 3/8"	4
31	302410	FRONT, Top Sheet, 31 yd.	1
	302412	FRONT, Top Sheet, 25 yd.	1
	302412	FRONT, Top Sheet, 20 yd.	1
32	300400	CENTER, Top Sheet, 31 yd.	1
	300490	CENTER, Top Sheet, 25 yd.	1
	300400	CENTER, Top Sheet, 20 yd.	1
33	PO-2462	ANGLE, Repair	2

SECTION 2

BODY ELECTRICAL

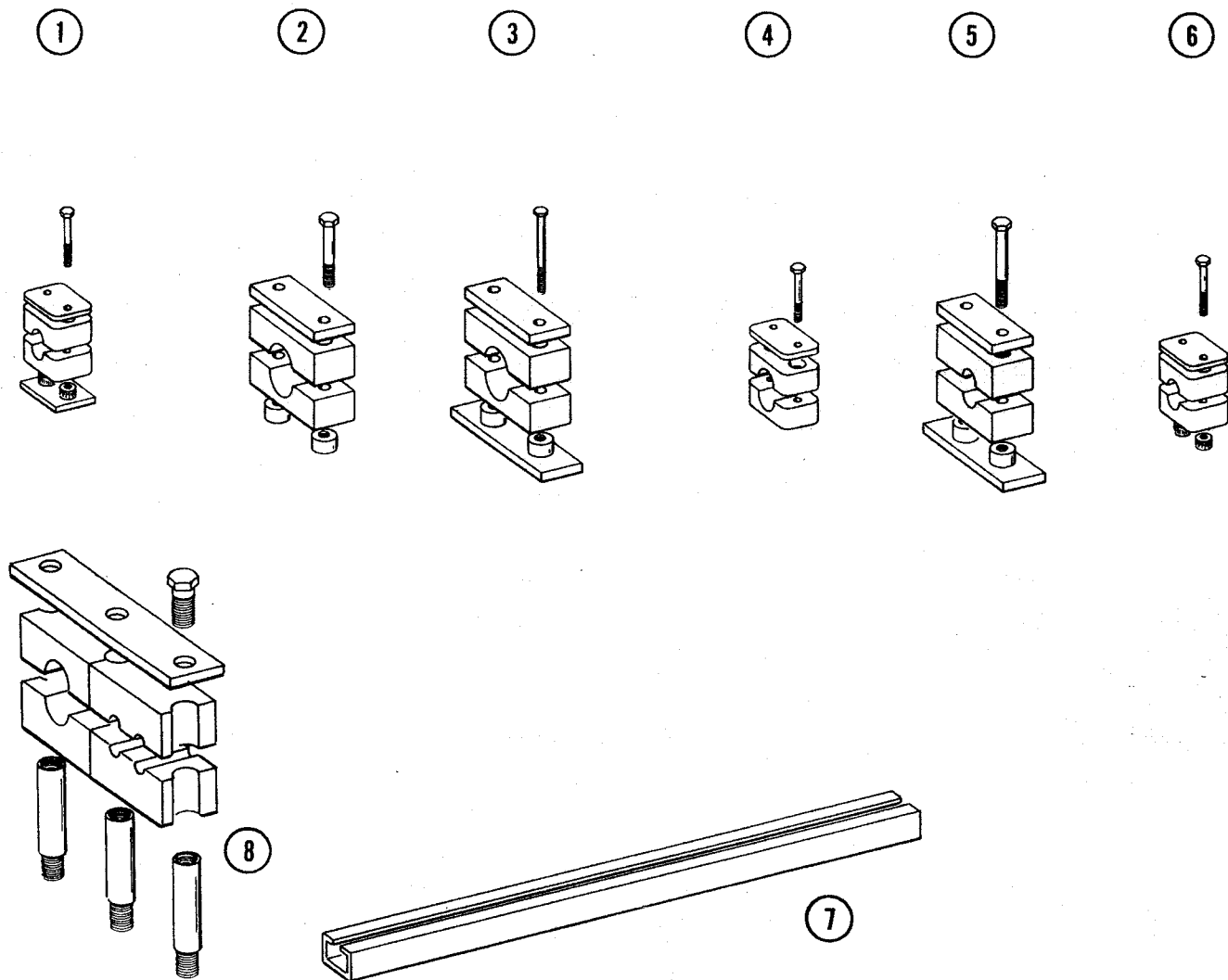


SECTION 2
BODY ELECTRICAL

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	17786	PIN, Socket	2
2	400653	DOOR And Hinge Weldment	1
3	39608	BARREL, Bolt Bar	1
4	39609	HANDLE, Barrel Bolt	1
5	17788	CHAIN, Pin	1
6	17787	PIN, Chain	1
	400654	ASSEMBLY, Includes Items, 1, 2, 3, 4, 5, 6	
7	16135	REFLECTOR, Amber	8
	16136	REFLECTOR, Red	8
8	16131	LIGHT, Clearance, Amber	4
	16132	LIGHT, Clearance, Red	4
9	400823	CONDUIT	1
10	100774	CONNECTOR	3
11	100775	ELBOW, Corner	1
12	301846	CONDUIT, 20 yd.	1
	201259	CONDUIT, 25 yd. and 31 yd.	1
13	301847	CONDUIT, Extension 25 yd.	1
	301848	CONDUIT, Extension 31 yd.	1
14		COUPLING, 1" NPT	1
15		REDUCER, Bushing 1" x 3/4" NPT	1
16	16137	CONNECTOR	1
17	100839	CONDUIT, Flexible 1" Flexible, Per Foot	1
	102353	CONDUIT, 3/4" Flexible, Per Foot	1
18	100765	GROMMET, Large	2
19	100766	GROMMET, Small	1
20	300772	BOX, Junction	1
21	100762	BLOCK, Terminal	1
22		NUT, 10-32	7
23	201163	COVER, Box	1
24		SCREW, Machine #10	6
25	201164	GASKET	
26	100774	CONNECTOR, Compression	3
27	102352	NUT, Lock, Seal	2
28	301830	BOX, Junction	2
29	100237	CONNECTOR	1
30	203267	GASKET	2
31	301635	COVER	2
32		SCREW, Cap 1/4" x 5/8" UNC	2
33	102339	GASKET	2
34	100840	CONNECTOR - 1"	3
35	102350	CONNECTOR - 3/4"	1
	103156	12 Conductor Cable - Bulk	As Req.
36	39955	HINGE, W/Holes	1

SECTION 2

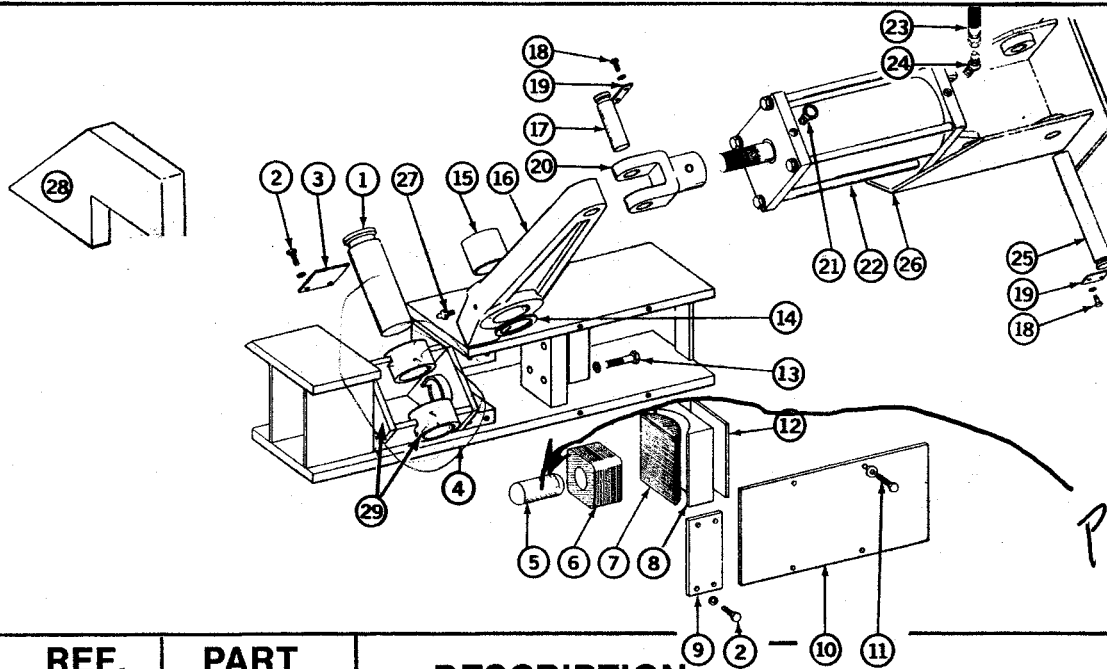
TUBE SUPPORTS



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	100361	SUPPORT, Tube, 3/4"	3
2	100364	SUPPORT, Tube, 1-1/4"	10
	101220	SUPPORT, Roof Conduit	2
3	100345	SUPPORT, Tube, 1-1/4"	1
4	100912	SUPPORT, Tailgate Control Rods	2
5	100875	SUPPORT, Tube 1"	1
6	100363	SUPPORT, Tube 3/4"	5
	100849	SUPPORT, Tube 3/8"	5
7	200684	RAIL, Support (Front & Roof)	2
	202812	RAIL, Support (Rear Most)	1
8	101178	SUPPORT, Tube 1-1/4" x 3/8" x 3/8" Tele	1

SECTION 3

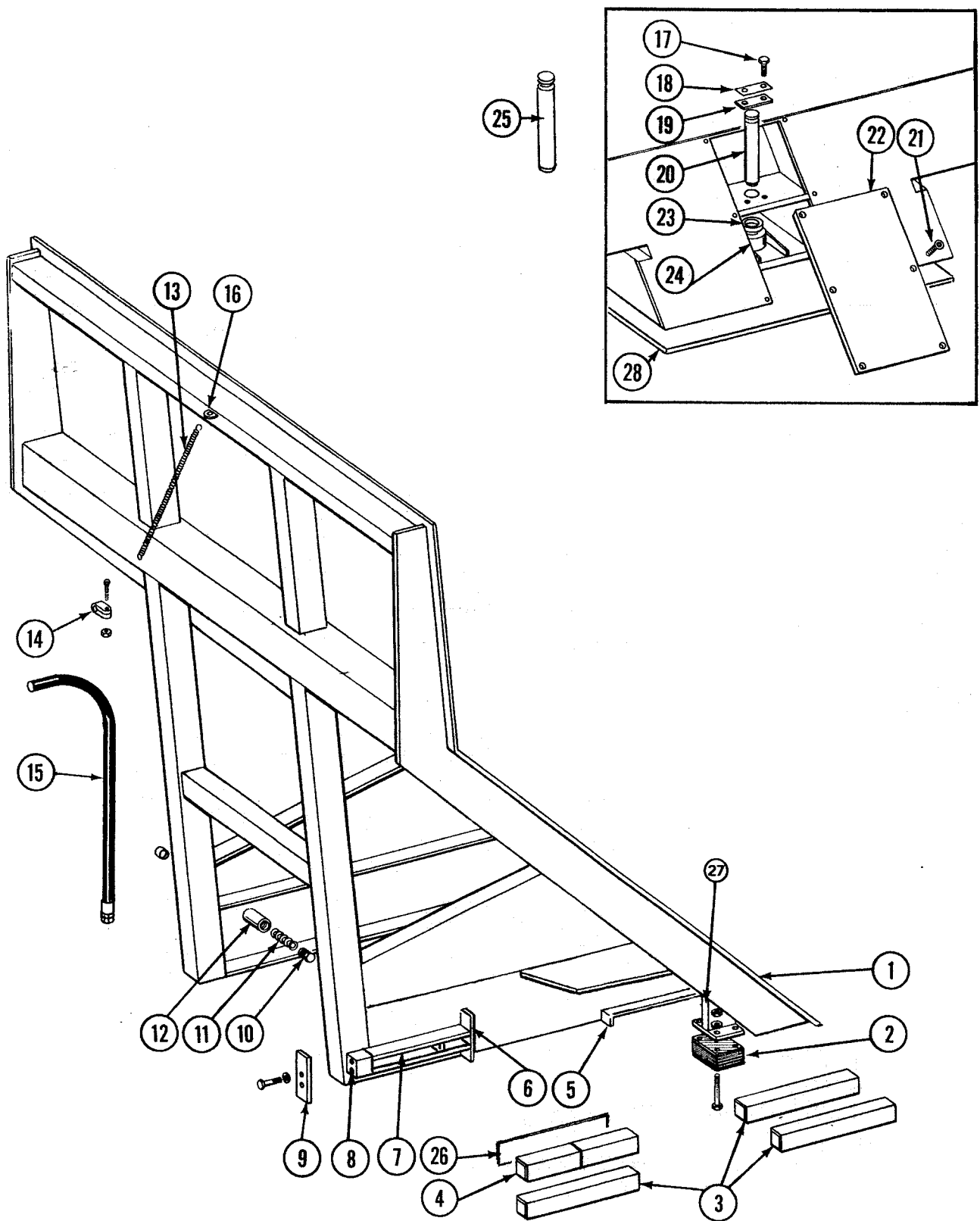
CLAMP BASE



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	41463	PIN, Pivot Arm	1
2		SCREW, Cap 3/8" x 3/4" UNC	6
		WASHER, Lock 3/8"	6
3	41446	KEEPER	1
4	400537	BASE Weldment, Clamp	1
	400546	BASE, Weldment, Telescopic	1
5	PO-452	ROCKER, Clamp Pin <i>5.375 LONG</i>	1
	206831	ROCKER, Clamp Pin (5-1/6" L) -	1
6	203395	BLOCK, Clamp	1
7	PO-323	SHOE, Clamp	1
8	41407	SOCKET, Clamp Shoe	1
9	41409	COVER, Clamp Block	1
10	300585	COVER Plate	1
11		SCREW, Cap 3/8" x 1" UNC	4
		WASHER, Lock 3/8"	4
12	PO-317	SHIM	As Req.
13		SCREW, Cap 3/4" x 2" UNC	4
		WASHER, Lock 3/4"	4
14	41666	BEARING, Circular Plate	1
15	41670	BUSHING	1
16	400897	PIVOT, Arm Assembly	1
17	41606	PIN, Yoke	1
18		SCREW, Cap, 1/4" x 1/2" UNC	4
		WASHER, Lock 1/4"	4
19	41203	KEEPER Plate	2
20	300418	CLEVIS	1
21	37780	BREATHER, Cylinder	1
22	400496	CYLINDER, Clamp	1
23	100558	HOSE, Clamp 20 yd.	1
	100767	HOSE, Clamp 25 yd.	1
	100834	HOSE, Clamp, 31 yd.	1
24	100557	FITTING	1
25	200833	PIN, Clamp Pivot	1
26	400538	WELDMENT, Cylinder Support	1
27	16170	FITTING, Grease	1
28	300742	PUSHOUT Bar 20 yd.	1
	300743	PUSHOUT Bar 25 yd.	1
	300744	PUSHOUT Bar 31 yd.	1
29	41462	PIN Housing Weldment	1
	PO-484	RETAINER, P/O bar to P/O cyl.	1

SECTION 3

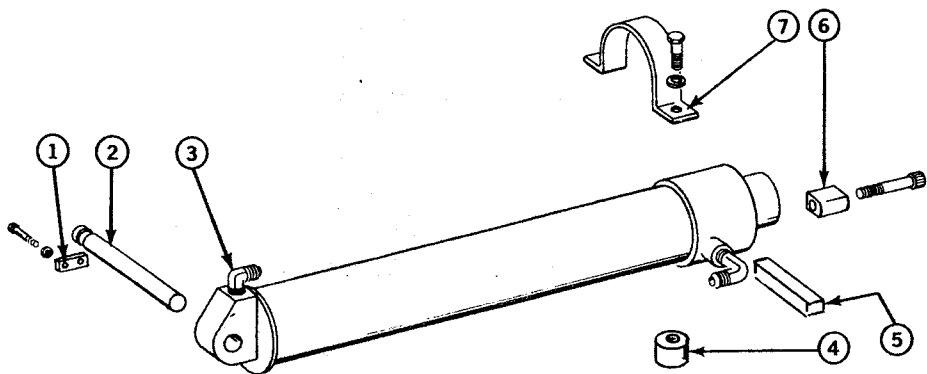
PUSHOUT PLATE



PUSHOUT PLATE

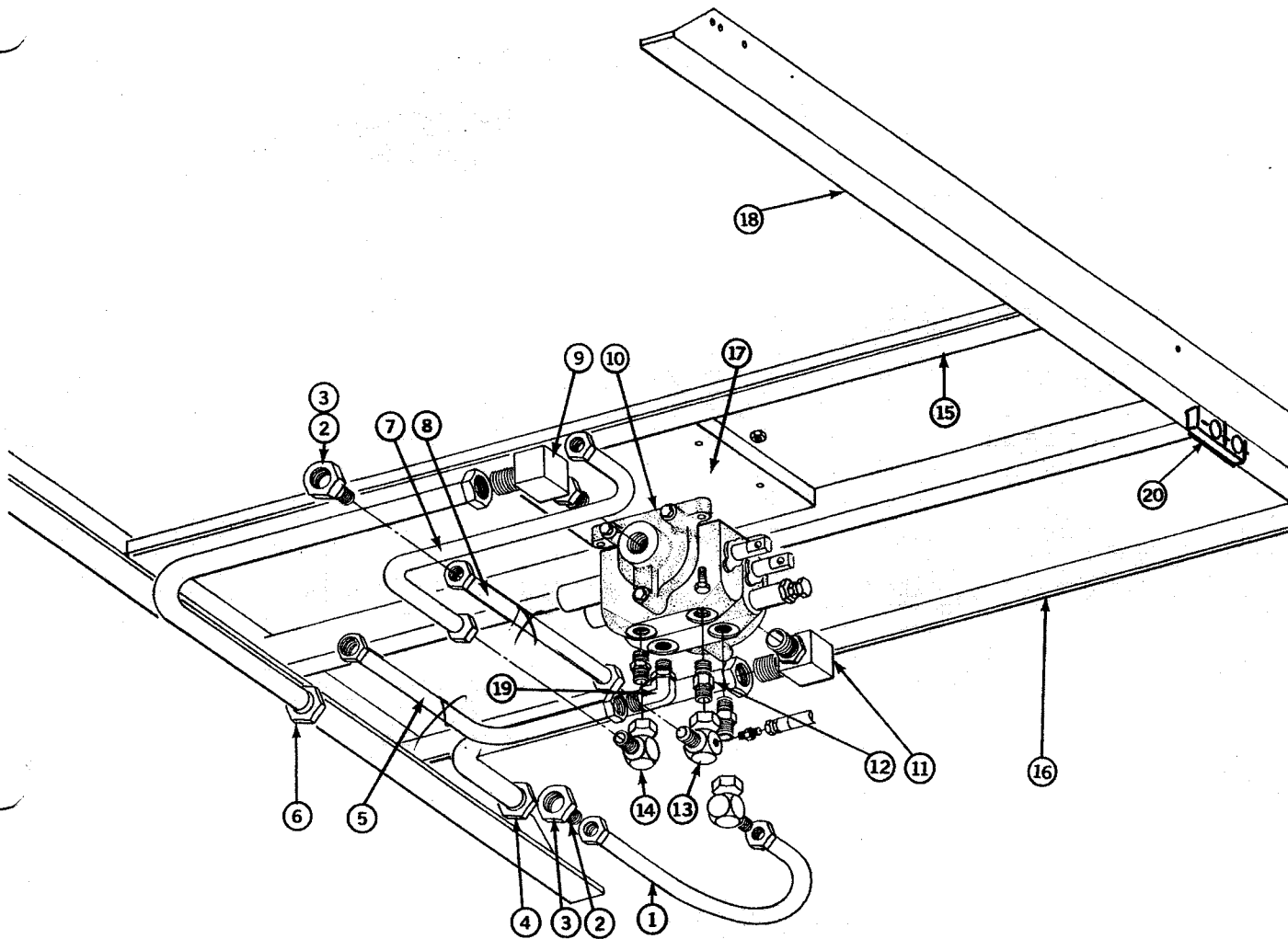
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	500065	PUSHOUT Plate Weldment, Clamp	1
	500066	PUSHOUT Plate Weldment, Telescopic	1
2	200196	SHOE, Outer	2
3	200849	SHOE, Plastic (Telescopic Qty. 8)	6
4	200848	SHOE, Fiber (2 Per Socket) (Clamp Only)	4
5	300597	HOLDER, Shoe, Rear	2
6	200831	PLATE, End	4
7	204602	PLATE, Top & Bottom	4
	200834	SPACER	4
8	200198	BLOCK, Threaded	2
	303042	HOLDER, Shoe, Front, Includes Items 6, 7, 8	2
	303043	HOLDER, Shoe, Front Assembly Includes 6, 7, 8, 9, Capscrews	2
9	200197	PLATE, Keeper	2
		SCREW, Cap 3/8" x 1-3/4" UNC	4
10	P-16-1262	BOLT, Adjusting	1
11	16106	SPRING	1
12	P-16-502	HOLDER, Spring	1
13	39020	SPRING, Hose	2
14	100556	SUPPORT, Spring	1
15	100558	HOSE, 20 Yd.	1
	100767	HOSE, 25 Yd.	1
	100834	HOSE, 31 Yd.	1
	201060	ASSEMBLY, 20 Yd. Hose, Includes 13, 14, 15	1
	201487	ASSEMBLY, 25 Yd. Hose, Includes 13, 14, 15	1
	201249	ASSEMBLY, 31 Yd. Hose, Includes 13, 14, 15	1
16	SK-946	EYE, Spring	2
17		SCREW, Cap 1/2" x 1-1/4" UNC	2
18	39651	PLATE, Locking	1
19	39650	PLATE, Keeper	1
20	39637	PIN, Telescopic (Rod End)	1
21		SCREW, Cap, Socket Head Flat 1/2" x 1" UNC	6
22	39685	PLATE, Cover, Telescopic	1
	300584	PLATE, Cover, Clamp	1
23	39644	SPACER	1
24	400546	BASE Weldment, Telescopic 107621	1
25	300605	PIN, Telescopic (Case End)	1
26	31728	SHIM, Shoe, Standard	As Req.
	202642	SHIM, Thin (Clamp)	As Req.
	202643	SHIM, Long (Clamp)	As Req.
	200385	PLUG, Clamp, Optional	1
27	300151	SUPPORT, Tube	2
	300152	ASSEMBLY, Wear Block Complete, Includes Item 2, 27 and Hardware	2
28	201285	SHEET, Cover	1

PUSHOUT CYLINDER MOUNT (CLAMP)



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	200830	KEEPER, Pin	1
	201102	PLATE, Locking	1
2	300605	PIN	1
3	18008	ELBOW	2
4	PO-531-1	LUG	2
5	200218	BLOCK, Support	1
6	PO-484	HOLDER, Pushout Bar	1
		SCREW, Cap Socket Head 1/2" x 2" UNC Nylock	1
7	PO-531-3	STRAP	1
		SCREW, Cap 1" x 1-1/2" UNC	2
		WASHER, Lock 1"	2

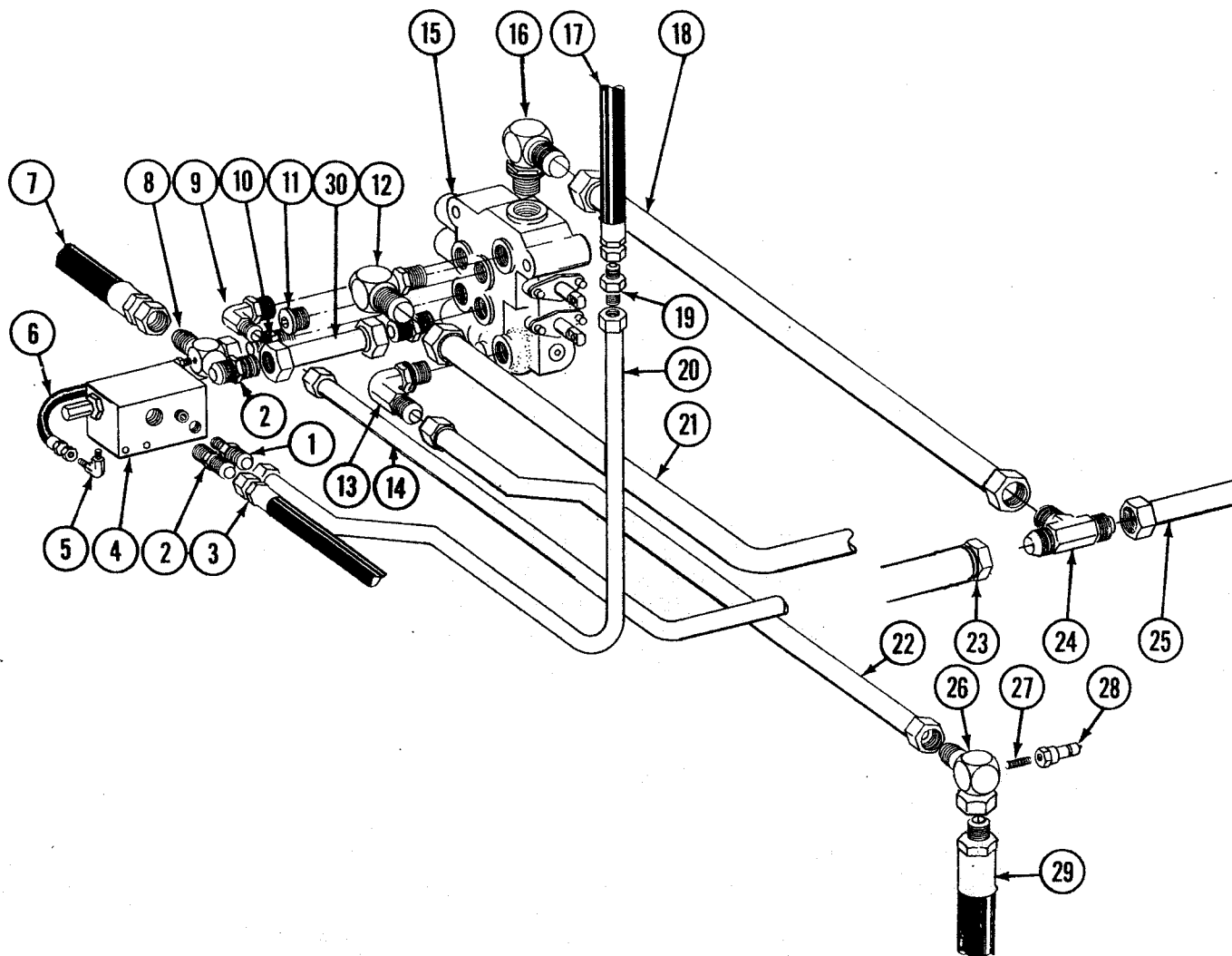
TUBING "H" FRAME ASSEMBLY



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	206897	TUBE, Packer Cylinder, Case End	1
2	100272	REDUCER	2
3	SR-7728-1	NUT, Tube	2
4	206895	TUBE, Valve Inlet	1
5	206898	TUBE, Packer Cylinder, Rod End	1
6	206896	TUBE, Valve Outlet	1
7	304403	TUBE, Carrier Cylinder, Rod End	1
8	206899	TUBE, Carrier Cylinder, Case End	1
9	16119	ELBOW	1
10	304409	VALVE, Operating	1
11	16226	ELBOW	1
12	16115	CONNECTOR	2
13	201088	ELBOW, Tapped	1
14	18009	ELBOW, Swivel Nut	2
15	400562	WELDMENT, Rear Cross Angle	1
16	200871	WELDMENT, Front Cross Angle	1
17	206889	BASE, Valve	1
18	404354	WELDMENT, Valve Support	1
19	18008	ELBOW	1
20	106778	SUPPORT, Rod Weldment	1
	404369	ASSEMBLY, H-Frame Complete	

SECTION 4

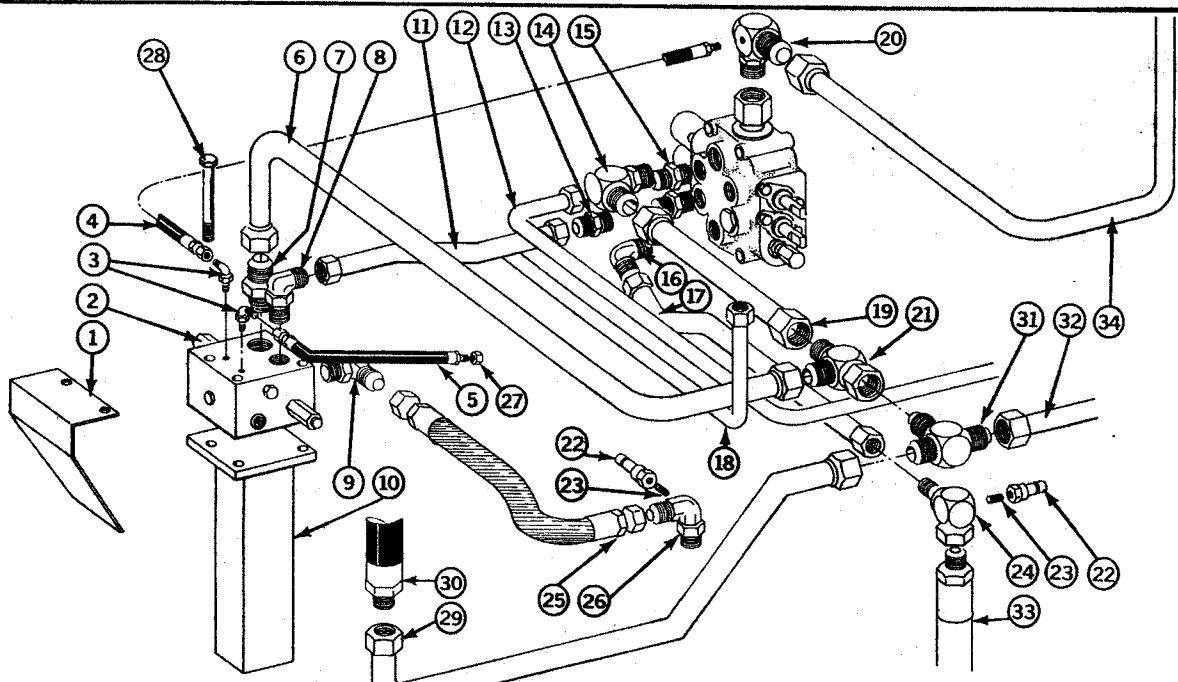
CLAMP FRONT TUBING



CLAMP FRONT TUBING

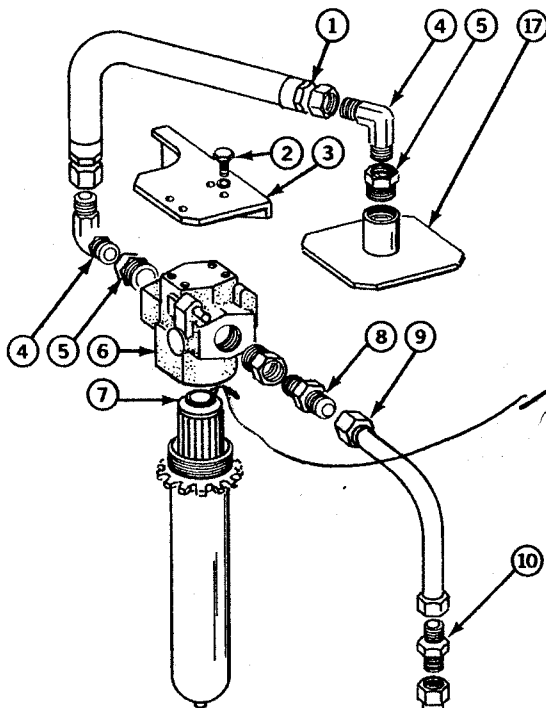
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	100356	CONNECTOR	1
2	16117	CONNECTOR	2
3	100355	HOSE	1
4	300551	HIC SEQUENCE VALVE, P.O. Check	1
5	38702	ELBOW	1
6	100400	HOSE	1
7	100354	HOSE	1
8	201327	ELBOW, Tapped	1
9	100185	ELBOW	1
10	16115	CONNECTOR	2
11	32377	PLUG	1
12	16226	ELBOW	1
13	18008	ELBOW	1
14	400408	TUBE, Tailgate Lift	1
15	401206	VALVE, Directional, 2-Spool	1
16	16119	ELBOW	1
17	100834	HOSE, Clamp, 31 yd	1
	100767	HOSE, Clamp, 25 yd	1
	100558	HOSE, Clamp, 20 yd	1
18	200679	TUBE	1
19	16215	CONNECTOR	1
20	300459	TUBE	1
21	400388	TUBE, MOV	1
22	200681	TUBE	1
23	300447	TUBE	1
24	16224	TEE	1
25	400390	TUBE, Return	1
26	201276	ELBOW, Swivel	1
27	21793	NIPPLE, Pipe	1
28	100369	NIPPLE, Test	1
29	100377	HOSE	1
30	200682	TUBE	1
	300913	KIT, Override Relief (Optional)	

FRONT TUBING, TANDEM VALVE, TELESCOPIC

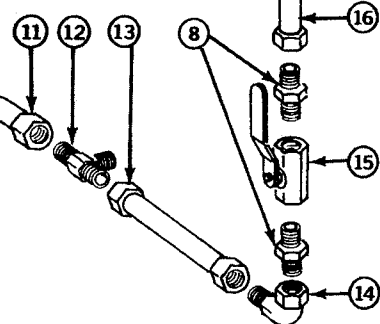


REF. NO.	PART NO.	DESCRIPTION	QTY.
1	201909	GUARD, Valve	1
2	104768	VALVE, HIC, Pressure Reducing	1
3	100105	ELBOW	2
4	100012	HOSE, Pilot	1
	401747	KIT, Optional Pilot To MOV, 20 yd.	
	401748	KIT, Optional Pilot To MOV, 25 yd.	
	401731	KIT, Optional Pilot To MOV, 31 yd.	
5	100961	HOSE, Signal	1
6	403459	TUBE	1
7	100284	CONNECTOR	1
8	18008	ELBOW	1
9	100185	ELBOW	1
10	301960	WELDMENT, Pedestal	1
11	303339	TUBE	1
12	402115	TUBE, Tailgate Lift	1
13	16115	CONNECTOR	1
14	16119	ELBOW	1
15	18258	CONNECTOR	2
16	18008	ELBOW	1
17	301957	TUBE	1
18	402119	TUBE	1
19	202998	TUBE	1
20	203052	ELBOW, Tapped	1
21	17665	TEE	1
22	100369	NIPPLE, Test	2
23	21793	NIPPLE	2
24	201276	ELBOW, Tapped	1
25	104143	HOSE	1
26	201275	ELBOW	1
27	20496-6	NUT	1
	20496-5	FERRULE	1
28		SCREW, Cap, 3/8" x 4-3/4" UNC	2
29	301959	TUBE	2
30	100353	HOSE, Assembly	1
31	16224	TEE	1
32	402116	TUBE	1
33	100377	HOSE, Assembly	1
34	402113	TUBE	1

FILTER ASSEMBLY (OPTIONAL)



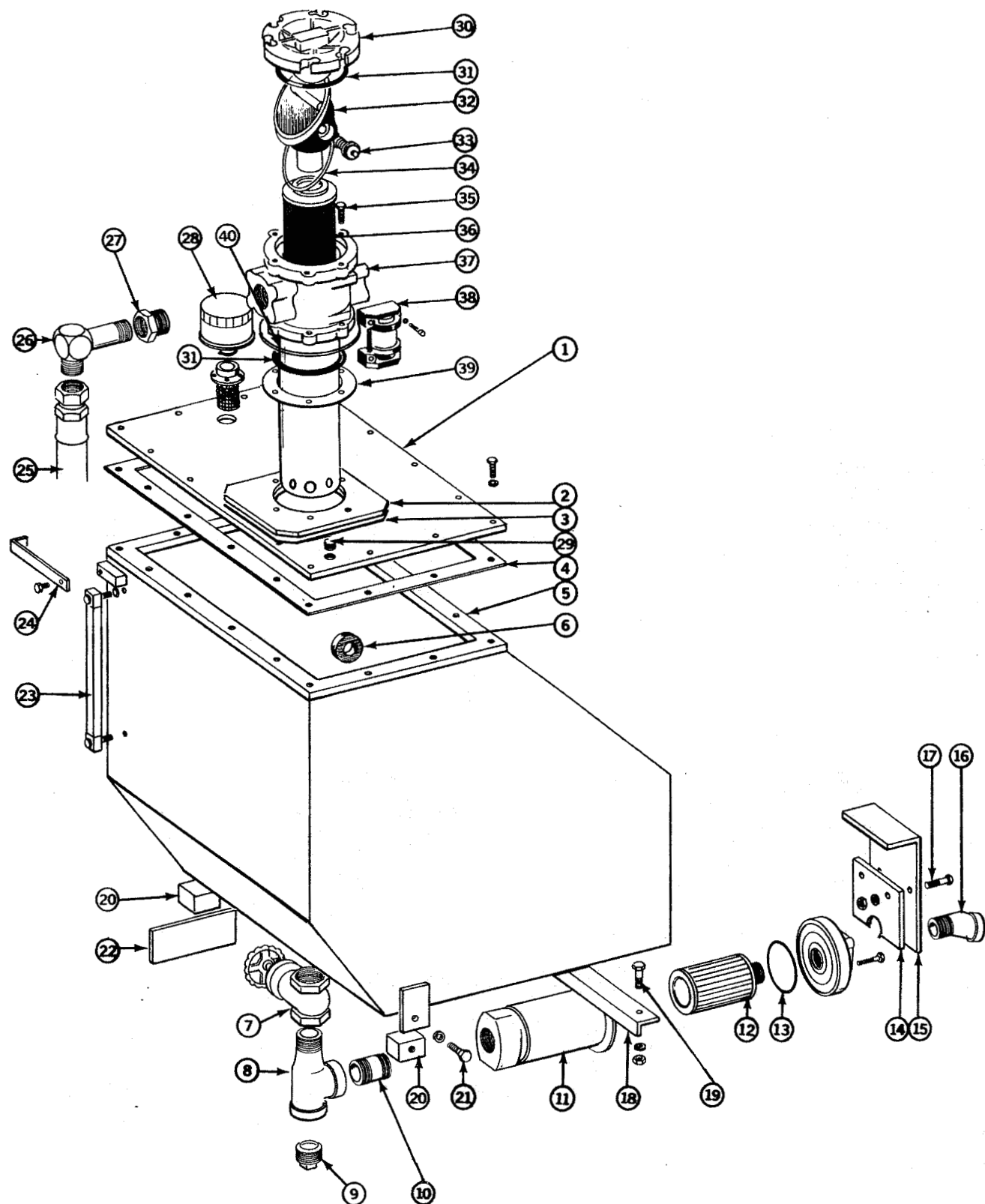
*PALL Filter
O-Ring
107139
4.5 in
fits between housing
& cartridge*



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	103472	HOSE, Filter	1
2		SCREW, Cap, 1/2" x 1" UNC	4
		WASHER, Lock, 1/2"	4
3	303005	BRACKET	1
4.	1358	ELBOW	2
5		REDUCER, 1-1/2" x 1-1/2" NPT	3
6	202274	FILTER Assembly, (Includes Item 7)	1
7	101730	ELEMENT	1
8	16122	CONNECTOR	3
9	204504	TUBE	1
10	16123	UNION	1
11	301959	TUBE	1
12	16224	TEE	1
13	201277	TUBE	1
14	16222	ELBOW	1
15	106501	VALVE	1
16	303004	TUBE	1
17	203474	ADAPTER	1
	403096	FILTER Assembly Installation (Includes items 1-17)	1

SECTION 4

TANK ASSEMBLY

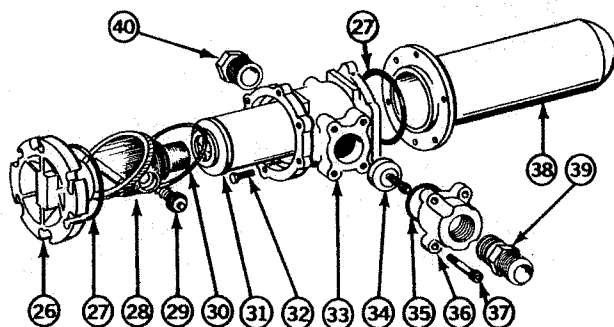
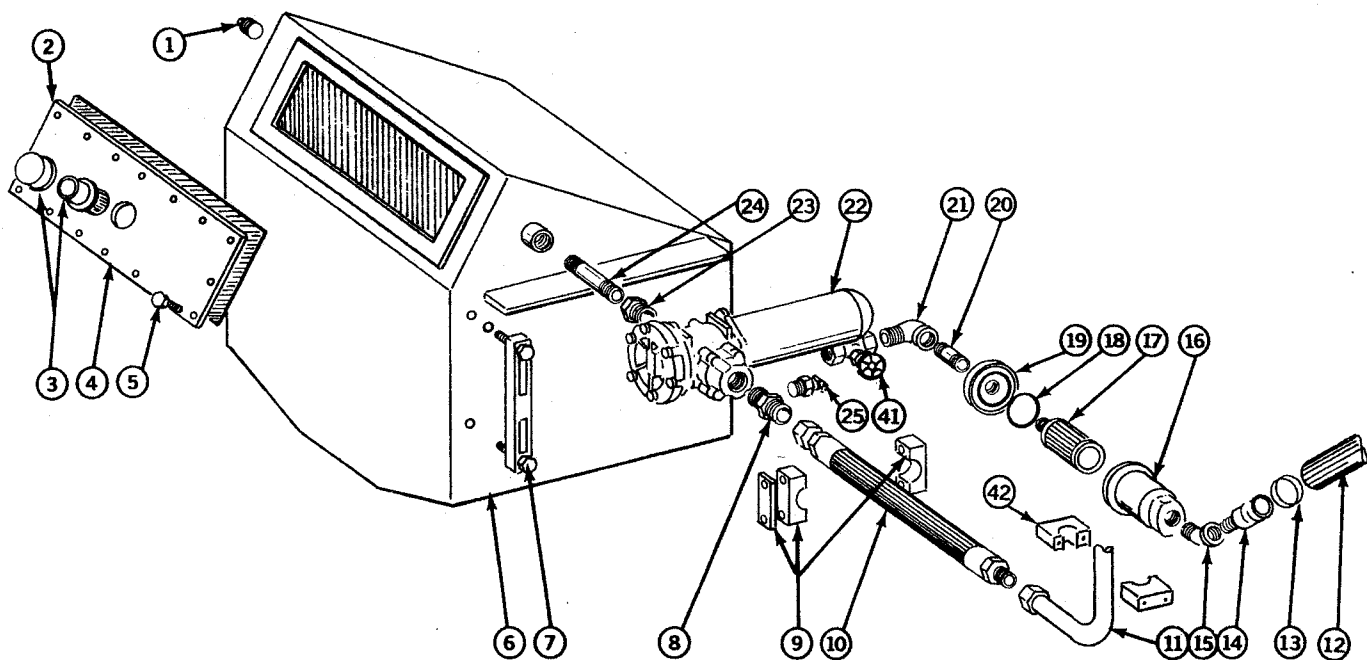


TANK ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	207909	COVER	1
		SCREW, Cap 5/16" x 7/8" UNC	13
		WASHER, Lock 5/16"	13
2	302177	ADAPTOR, Cover	1
		SCREW, Cap 5/16" x 1-1/4" UNC	4
		WASHER, Lock 5/16"	4
3	302179	GASKET, Adaptor, Cover	1
4	300055	GASKET, Cover	1
5	402391	WELDMENT, Tank — 900180	1
6	100319	MAGNET, Ring, Ceramic	1
7	LF-1242	VALVE, Gate 2"	1
8	@0057	TEE, 2" NPT, Street	1
9	@0109	PLUG, Magnetic, 2"	1
10	17409	NIPPLE, 2" x 3" NPT	2
11	102784	STRAINER Assy., Inline, 2"	1
12	100942	ELEMENT, Strainer	1
13	100941	O-RING	1
15	204557	BRACKET	1
16	@0029	ELBOW	1
17		SCREW, Cap 3/8" x 1" UNC	4
		WASHER, Lock 3/8"	4
		NUT, 3/8" UNC	2
13	302239	ANGLE	1
19		SCREW, Cap 3/8" x 1" UNC	2
		WASHER, Lock 3/8"	2
		NUT, 3/8" UNC	2
20	200755	BLOCK	2
21		SCREW, Cap 1/2" x 1" UNC	2
		WASHER, Lock 1/2"	2
22	203303	PLATE, Floor Support (Conversion Only)	1
23	41752	GAUGE, Sight	1
24	200148	BRACKET Assy.	1
25	100353	HOSE Assy.	1
26	16120	ELBOW	1
27	@0090	BUSHING	1
28	100418	BREATHER Assy.	1
	101348	CAP, Breather	1
29	@0099	PLUG	1
30	924634-C	COVER, Filter	1
31	17533	O-RING, Cover, Filter	2
32	926783-P	DIVERTER, Filter, Includes Item 33	1
33	926616-P	VALVE, Bypass, Filter	1
34	41143	O-RING, Diverter, Filter	1
35		SCREW, Cap, 5/16" x 1" UNC	6
36	100815	ELEMENT, Filter, 20 Micron	1
	100814	ELEMENT, Filter, 10 Micron	1
	100813	ELEMENT, Filter 3 Micron	1
37	41751	FILTER Assembly Complete (Standard) — Complete filter	1
	926969	HOUSING, Filter	1
38	41073	GAUGE, Filter Condition	1
39	204122	GASKET, Filter	1
40	35026	WASHER, Seal	6

SECTION 4

UNDERSLUNG TANK (OPTIONAL)

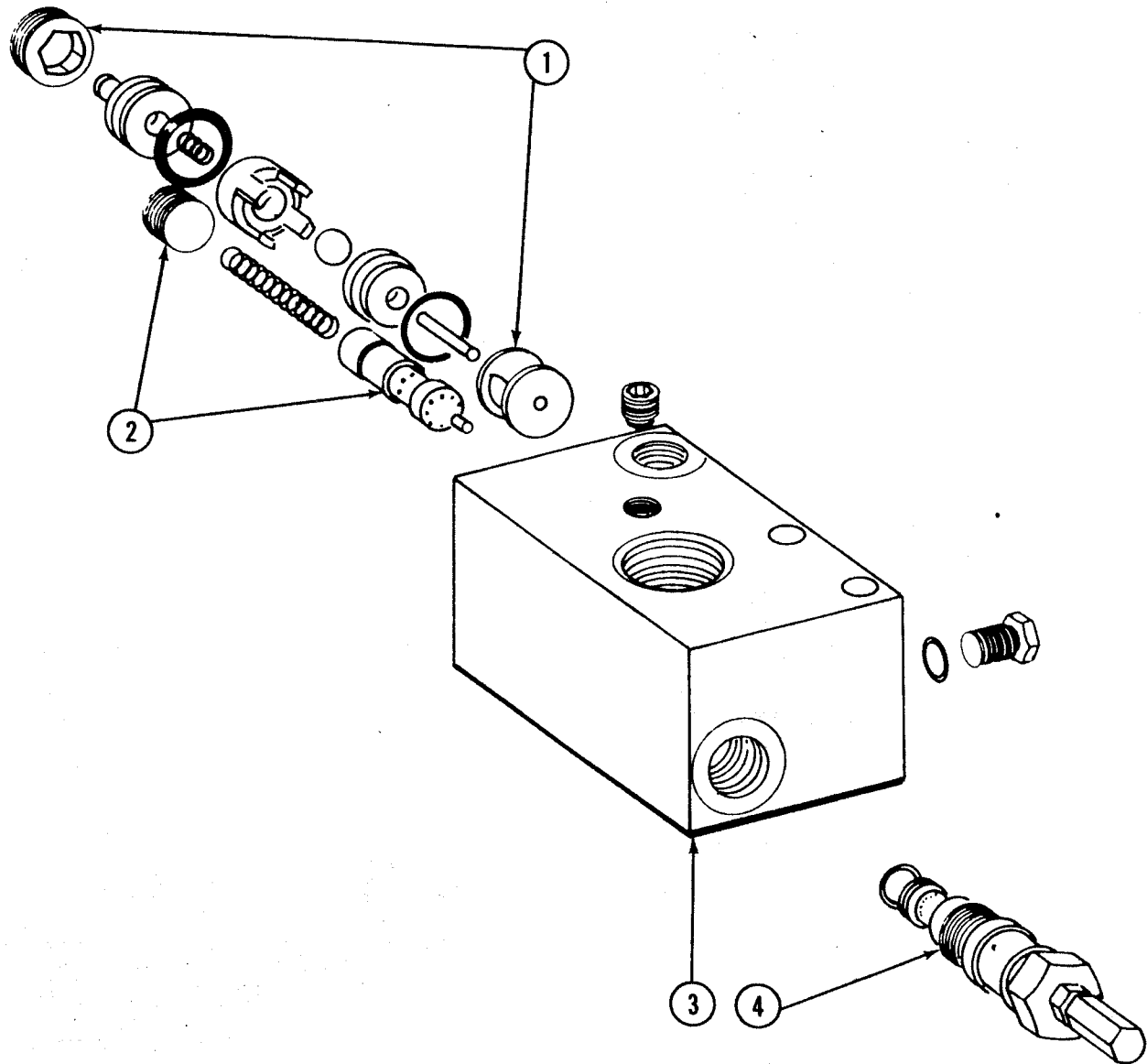


UNDERSLUNG TANK (OPTIONAL)

REF. NO.	PART NO.	DESCRIPTION	QTY.
1		PLUG, 1-1/2" NPT	1
2	301706	GASKET	1
3	103515	CAP, Pressure	1
4	303095	COVER	1
5		SCREW, Cap, 1" UNC	16
6	500163	TANK	1
7	HYJ00155	SIGHT GAUGE	1
8	16122	CONNECTORS	1
9	100345	SUPPORT, Tube	1
10	102849	HOSE	1
11	404091	TUBE (Clamp)	1
	403265	TUBE (Tele)	1
12		HOSE, Suction, 2"	1
13	17913	HOSE, Clamp	1
14	PO-591	ADAPTOR	1
15		ELBOW, 45° x 1-1/2" NPT	1
16	100943	HOUSING	1
17	100942	STRAINER	1
18	100941	O-RING	1
19	100940	HEAD	1
	100562	STRAINER ASSEMBLY	1
20	21766	NIPPLE	1
21		ELBOW, 1-1/2" NPT	1
22	40092	FILTER ASSEMBLY	1
23		BUSHING REDUCER, 1-1/2" x 1-1/4" NPT	1
24		NIPPLE, 1-1/2" x 4-1/2" NPT	1
25	40285	VALVE, Drain	1
26	924634-C	COVER, Filter	1
27	17533	O-RING	1
28	926783	DIVERTOR, Housing	1
29	92616-P	VALVE, Divertor	1
30	41143	O-RING	2
31	100815	ELEMENT, Filter, 20 micron	1
32		SCREW, Cap 5/16" x 1" UNC	6
33	40092	FILTER, Assembly, (includes items 1-13)	1
34	926390	VALVE, Anti-drain, filter	1
35	N72228	O-RING	1
36	924912	FLANGE, Filter, Kit	1
37	900288-T	SCREW, Flange, Filter	4
38	41144	BOWL, Filter	1
39	16122	CONNECTOR	2
40		BUSHING, Reducer 1-1/2" - 1-1/4"	1
41	33206	VALVE, Gate	1
	402929	KIT, Underslung Tank (includes items 1-25)	1
42	100345	CLAMP, Tube	1

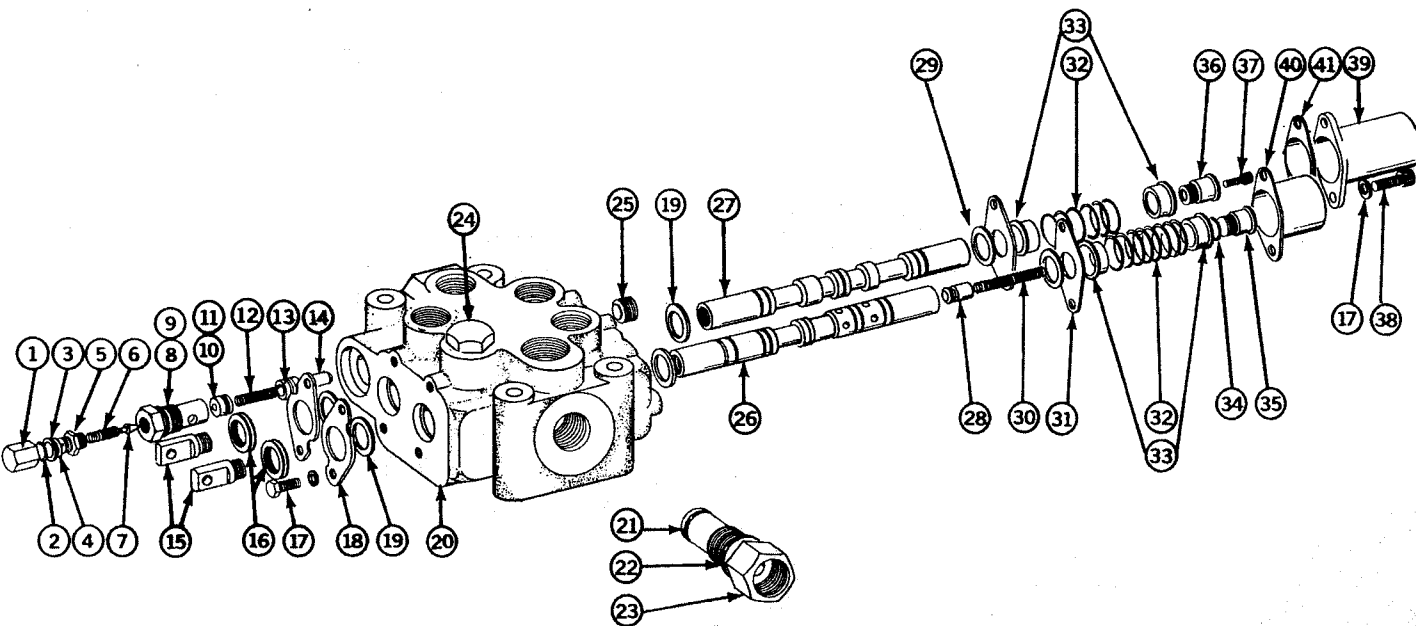
SECTION 4

HIC SEQUENCE VALVE, P.O. CHECK 300551



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	101234	ASSEMBLY, P.O. Check	1
2	101235	ASSEMBLY, Pilot	1
3	N/A	BODY, Valve (Not Sold Separately)	1
4	101236	CARTRIDGE, Sequence	1
	101237	KIT, Seal	1

2-SPOOL TANDEM DIRECTIONAL VALVE 401579, TELE

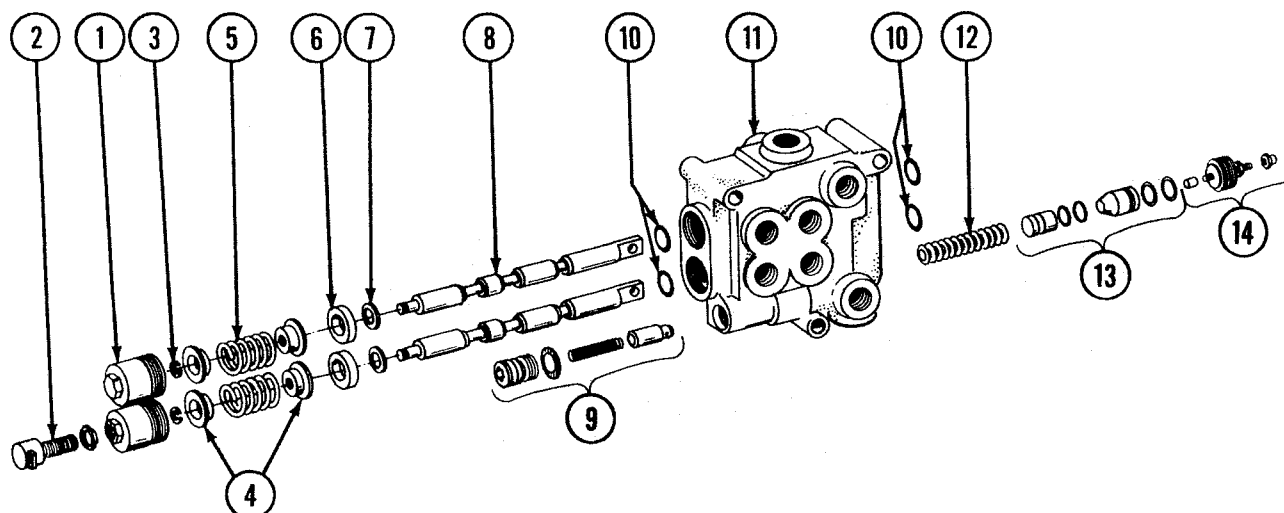


2-SPOOL TANDEM DIRECTIONAL VALVE 401579, TELE

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	102190	NUT, Acorn	1
2	102191	WASHER	1
3	102192	WASHER	1
4	102193	SCREW, Adjusting	1
5	102194	NUT, Jam	1
6	102195	SPRING, Pilot	1
7	102196	POPPET, Pilot	1
8	102197	CAP	1
9	102198	O-RING	1
10	102199	SEAT, Pilot	1
11	102200	O-RING	1
12	102201	SPRING, Main Relief	1
13	102202	CHECK, Main Relief	1
14	102203	SEAT, Main Relief	1
	104741	KIT, Main Relief, Includes Items 1-14	1
15	102204	EYE, Plunger	2
16	102205	WIPER	2
17	F0160	SCREW, Cap	6
	F7775	WASHER, Lock 5/16"	8
18	106323	PLATE, Retainer Assembly (Includes Item 16)	2
	105687	PLATE, Retainer	2
	106325	KIT, Retainer (2 Sets Included)	1
19	102209	SEAL	4
	104742	KIT, Seal	1
20	N/A	HOUSING	1
21	102211	O-RING	1
22	102212	O-RING	1
23	102213	CAP	1
	102233	CAP Assy. (Includes Items 21, 22, 23)	1
24	102214	CAP	1
	102215	O-RING	1
25	102216	PLUG, Pipe	1
26	N/A	PLUNGER	1
27	N/A	PLUNGER	1
28	102219	CHECK	1
29	102220	WASHER, Back Up	2
30	102221	SPRING	1
31	102222	PLATE, Retainer	2
32	102223	SPRING	2
33	102224	RETAINER, Spring	4
34	102225	O-RING	1
35	102226	CAP	1
36	102247	CAP Assy.	1
37	102227	SCREW, Cap	1
38	F5550	SCREW, Cap	2
39	102609	COVER, Spring Assy.	1
40	102230	COVER, Spring	1
41	102610	PLATE, Spacer	1

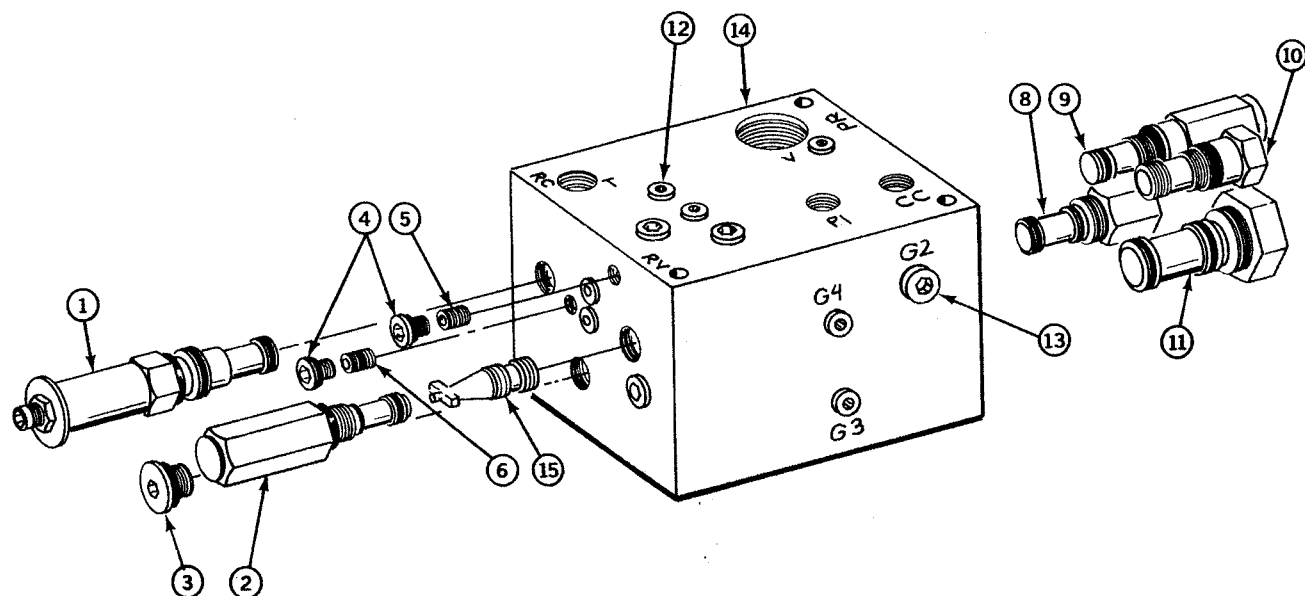
SECTION 5

2-SPOOL DIRECTIONAL VALVE 401206, CLAMP



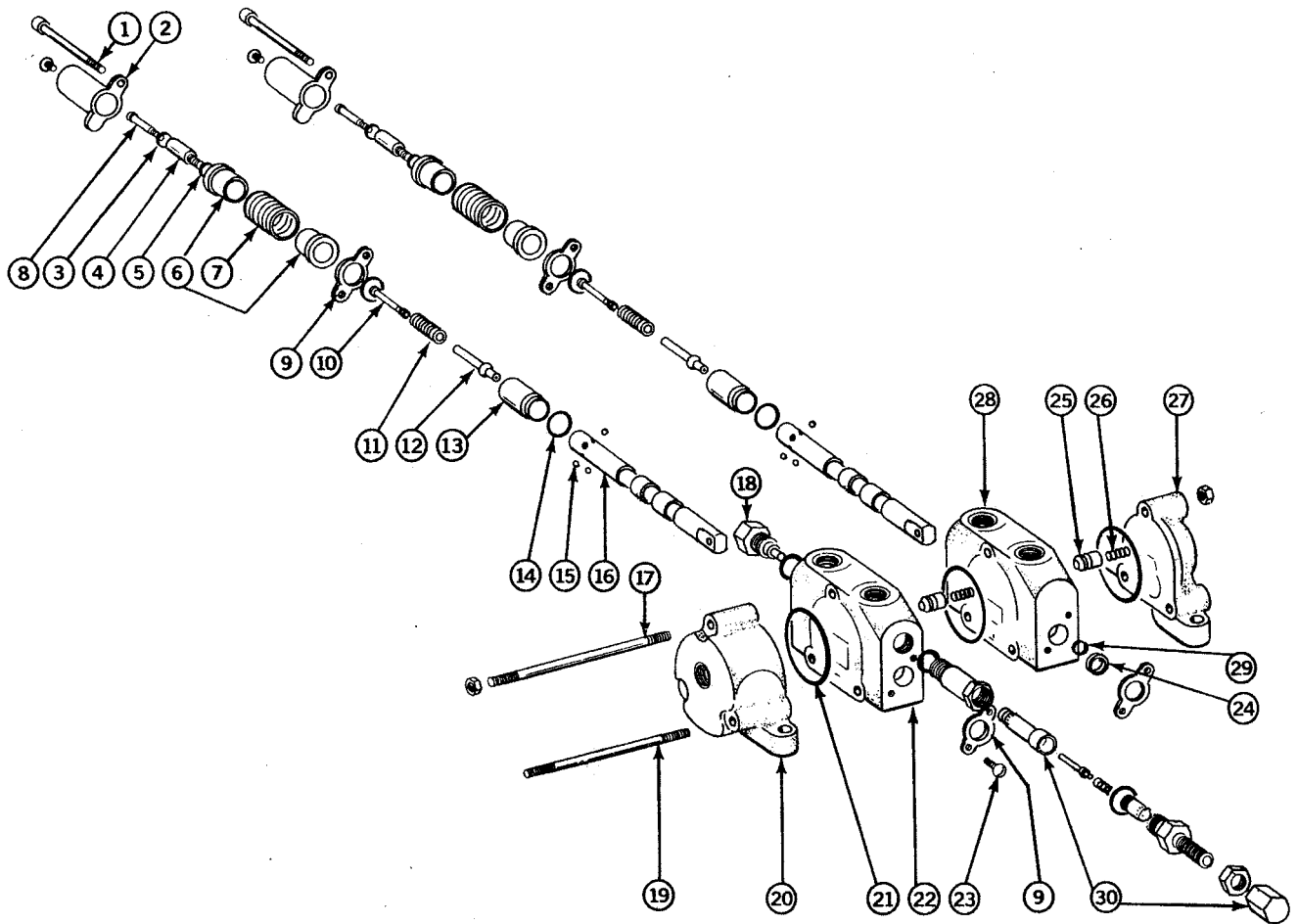
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	203999	CAP, Spool	2
	201511	CAP, Spool (Tele Only)	1
2	100811	SWITCH, (Tele Only)	1
3	103277	RING, Snap	2
4	203983	RETAINER	4
5	101201	SPRING	2
6	101200	WASHER	2
7	101199	WASHER	2
8	303284-X	SPOOL, Blue - Standard	2
	303284-W	SPOOL, Black - .0001	2
	36278-Y	SPOOL, Yellow + .0001	2
	303284-Z	SPOOL, Green + .0002	2
9	101197	KIT, Load Check	1
10	36266	O-RING	4
11		BODY, Valve (Not Sold Separately)	1
12	36285	SPRING	1
13	101188	KIT, Poppet & Seat	1
14	101193	KIT, Adjustment Screw	1
	101192	SCREW, Adjustment	1

PRESSURE REDUCING VALVE (TELE) 104768



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	103856	CARTRIDGE, Sequence	1
2	104864	CARTRIDGE, Relief	1
3	101196	PLUG, #10 SAE	1
4	104868	PLUG, #4 SAE	9
5	103862	ORIFICE, .030 Plug	1
6	104865	ORIFICE, .094, Plug	1
7	N/A	BLOCK, Valve, Not Sold Separately	1
8	103858	CARTRIDGE, Diff. Sensing	1
9	104866	CARTRIDGE, Relief	1
10	103860	CARTRIDGE, P.O. Check	1
11	103861	CARTRIDGE, Check	1
	104768	VALVE, Pressure Reducing, Assembly	1
12	104867	PLUG, #2 SAE	13
13	104869	PLUG, #6 SAE	3
14	100975	PLUG, #8 SAE	1
15	104871	PISTON	1

OPERATING VALVE ASSEMBLY 304409

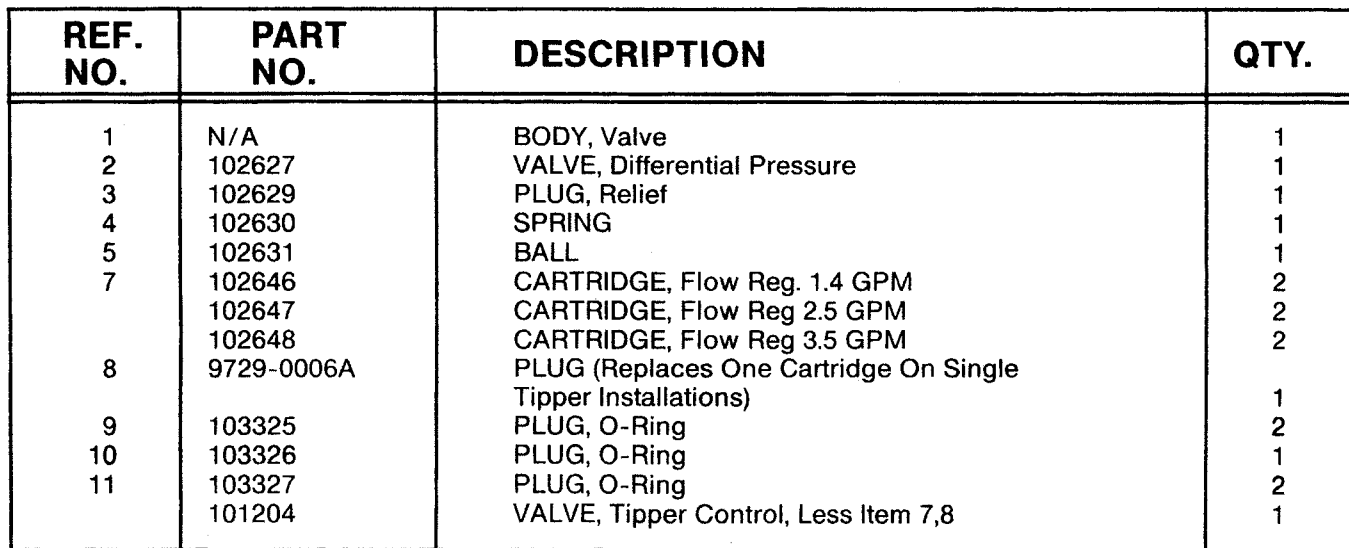


405577 -
Field Kit -
GRESER Valve on A
HUSCO "H"
FRAME.

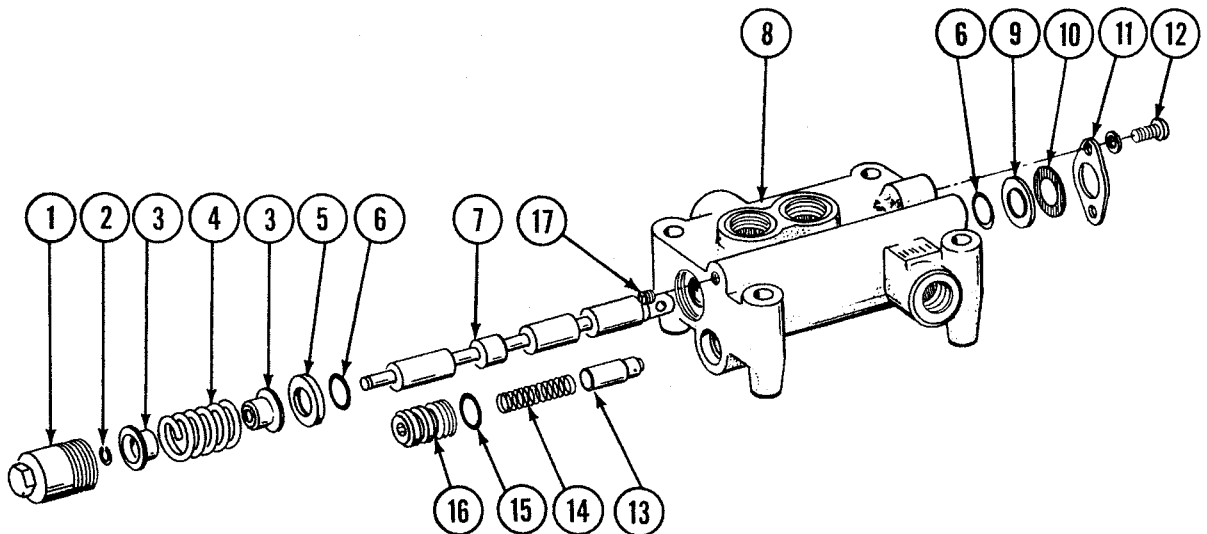
OPERATING VALVE ASSEMBLY 304409

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	103885	SCREW, Cap, Socket Head	4
2	103884	CAP, Spool	2
3	103886	O-RING	2
4	103882	SPOOL END	2
5	103881	O-RING	2
6	103879	SPRING SEAT	4
7	103880	SPRING	2
8	103883	SCREW, Adjust	2
	103892	INSERT, Locking	2
9	103869	PLATE, Seal	2
10	103887	GUIDE SPRING	2
	103888	SLEEVE	2
11	103877	SPRING	2
12	103876	POPPET	2
13	103875	SLEEVE, Detent	2
14	103874	O-RING	2
15	103873	BALL	8
16	NA	SPOOL	
17	103865	TIE ROD	1
		NUT	6
18	103866	PLUG ASSEMBLY, Shut-off	1
		O-RING	1
19	103895	TIE ROD	2
		NUT	4
20	103897	SECTION, INLET	1
21	103871	O-RING	3
22	107063	SECTION, PACKER	1
23	103872	SCREW, Mach. Round Head	4
24	103870	WIPER	2
25	103867	POPPET, C.V.	2
26	103868	SPRING	2
27	107061	SECTION, OUTLET	1
28	107062	SECTION, CARRIER	1
29	103894	O-RING	4
30	107064	ASSEMBLY, Relief Valve	
	103598	VALVE, Operating Assembly	1
	103900	REPAIR KIT, Relief Valve	

VALVE-TIPPER CONTROL 101204



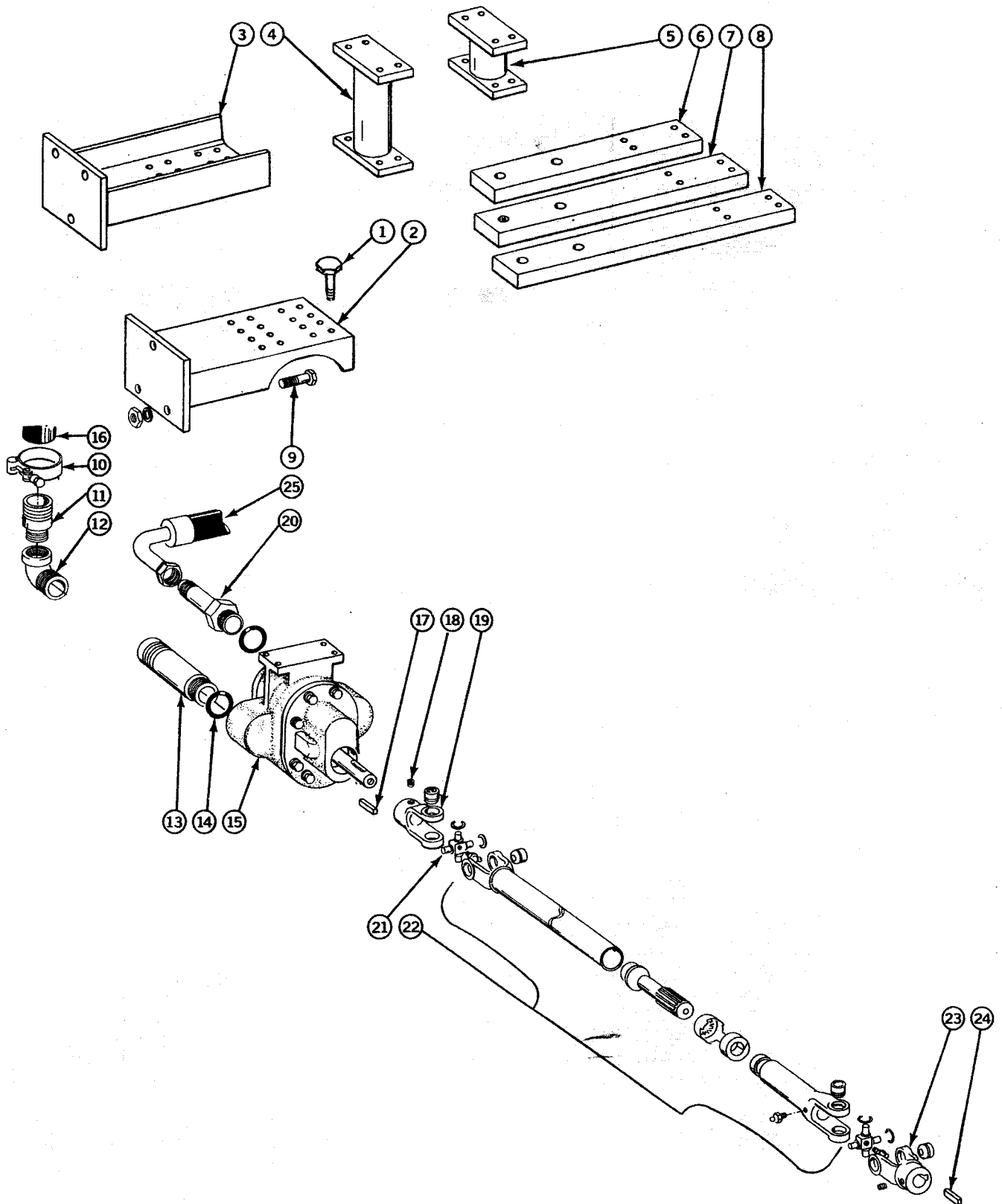
SINGLE SPOOL VALVE (Container Attachment) 15827



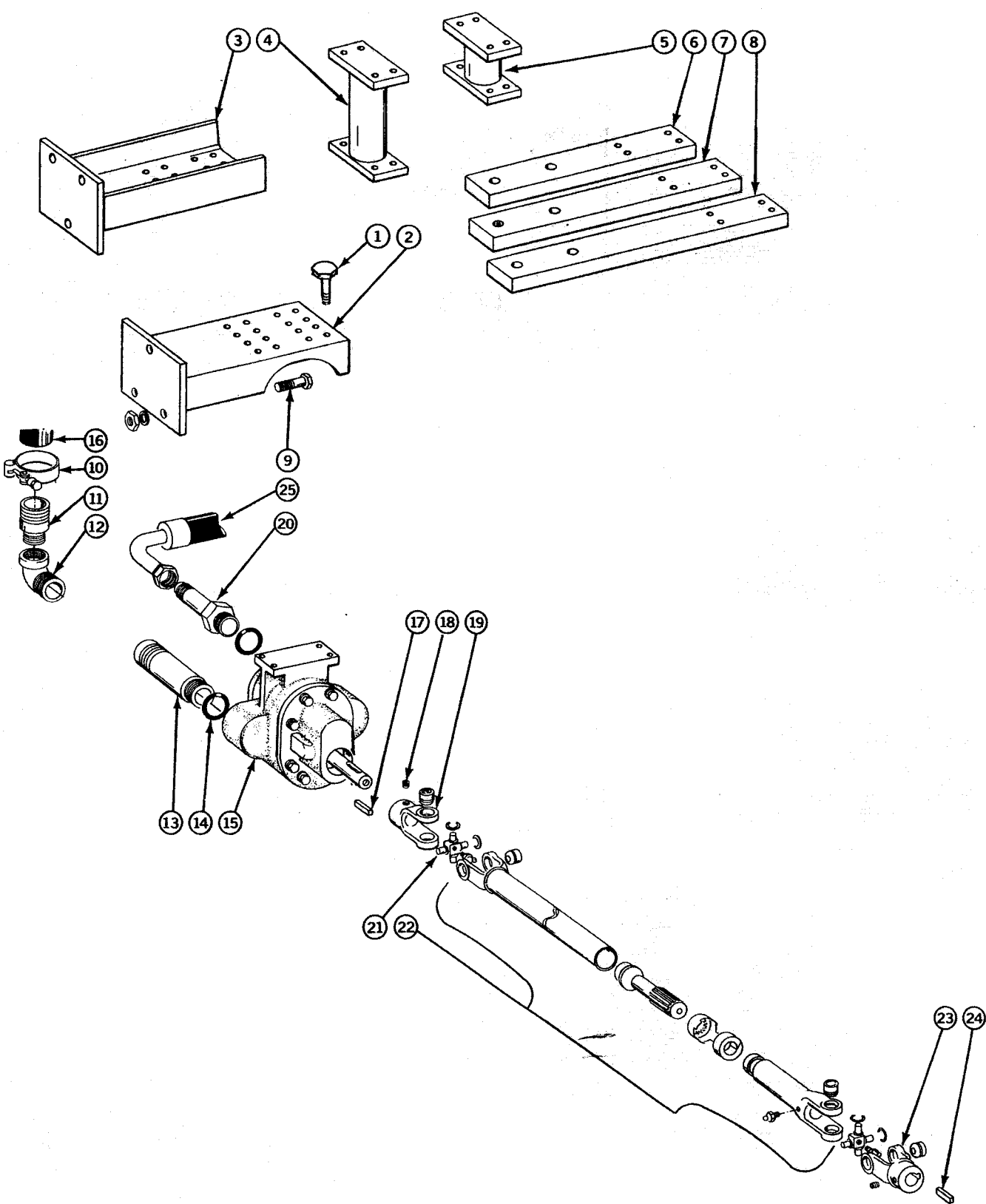
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	203999	CAP, Spool	1
2	103277	RING, Snap	1
3	203983	SPACER	2
4	203982	SPRING	1
5	203984	RETAINER, O-Ring	1
6	36267	O-RING	2
7	302641-X	SPOOL	1
8	N/A	BODY, Valve (Not Sold Separately)	1
9	204003	RETAINER	1
10	204002	WIPER	1
11	203996	PLATE, Retainer	1
12	F4423	SCREW, RD HD	2
	F7875	WASHER, Lock, 3/8"	2
13	203978	POPPET, Check Valve	1
14	203981	SPRING, Check Valve	1
15	36269	O-RING, Check Valve	1
16	203979	CAP, Check Valve	1
17	@0097 15827	PLUG, 1/4" NPT VALVE ASSEMBLY	1

SECTION 6

LEACH PUMP MOUNTING



LEACH PUMP MOUNTING

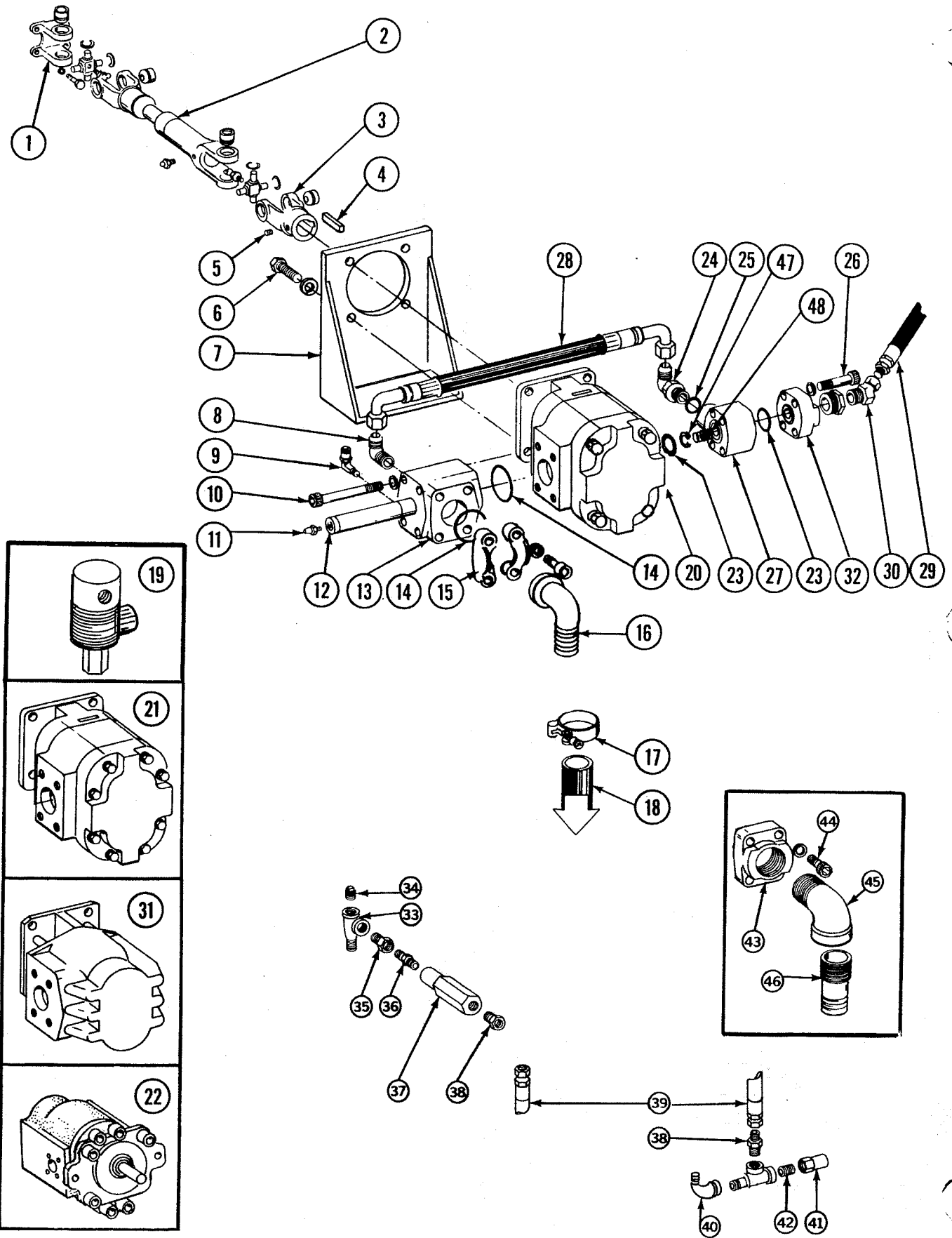


LEACH PUMP MOUNTING

REF. NO.	PART NO.	DESCRIPTION	QTY.
1		SCREW, Cap, 1/2" x 1-1/2" UNC	4
		WASHER, Lock, 1/2"	4
2	302651	BRACKET, Pump	1
3	TW-628	BRACKET, Pump	1
4	SK-2081	BRACKET, Pump	1
5	P-16-1147	BRACKET, Pump	1
6	P-16-470-1	BRACKET, 15", Pump	1
7	41284	BRACKET, 18", Pump	1
8	P-16-470-2	BRACKET, 20", Pump	1
9		SCREW, Cap, 5/8" x 2-3/4" UNC	3
		WASHER, Lock 5/8"	3
		NUT, Lock 5/8" UNC	3
10	16249	CLAMP	1
11	PO-591	ADAPTOR	1
12		ELBOW, Street 1-1/4"	1
13	P-16-1114	ADAPTOR	2
14	16101	O-RING	2
15	N/A	PUMP, Complete, Replaced By 203834	1
16	17883	HOSE	1
17	1218	KEY	2
18		SCREW, Set, 3/8" x 3/8" UNC Soc. Hd. Knurl	2
19	100879	YOKE	1
20	100404	ADAPTOR	1
21	100878	JOURNAL AND BEARING KIT	2
22	100903	SHAFT	1
23	100902	YOKE	1
	P-16-798	ASSEMBLY, Includes Items 18, 19, 21, 22, 23	
24	@0139	KEY, 5/16"	1
25	100377	HOSE	1
	17407	UNION	1

SECTION 6

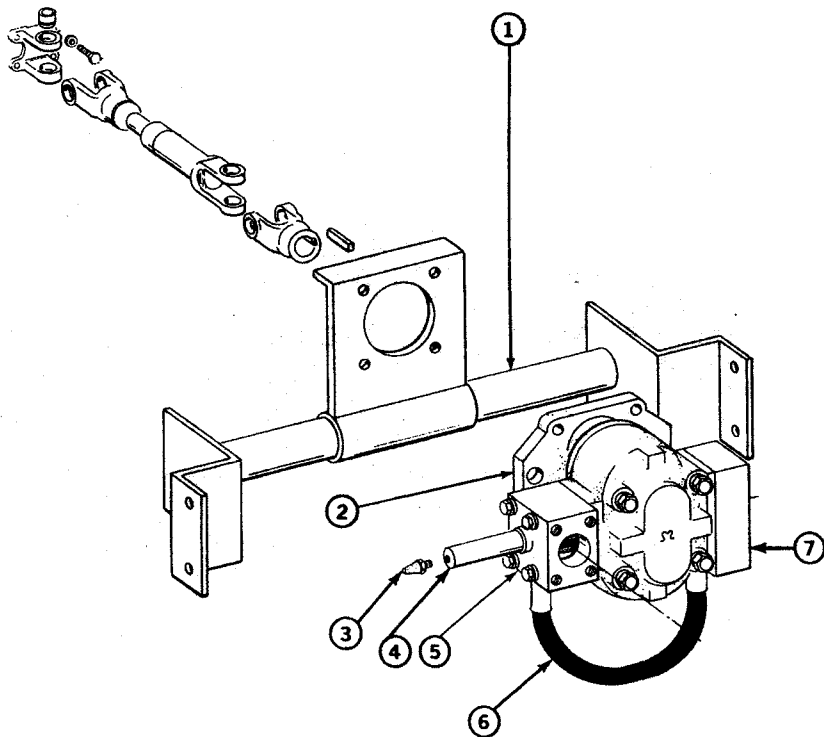
PUMP, DRY VALVE, TYPICAL



PUMP, DRY VALVE, TYPICAL

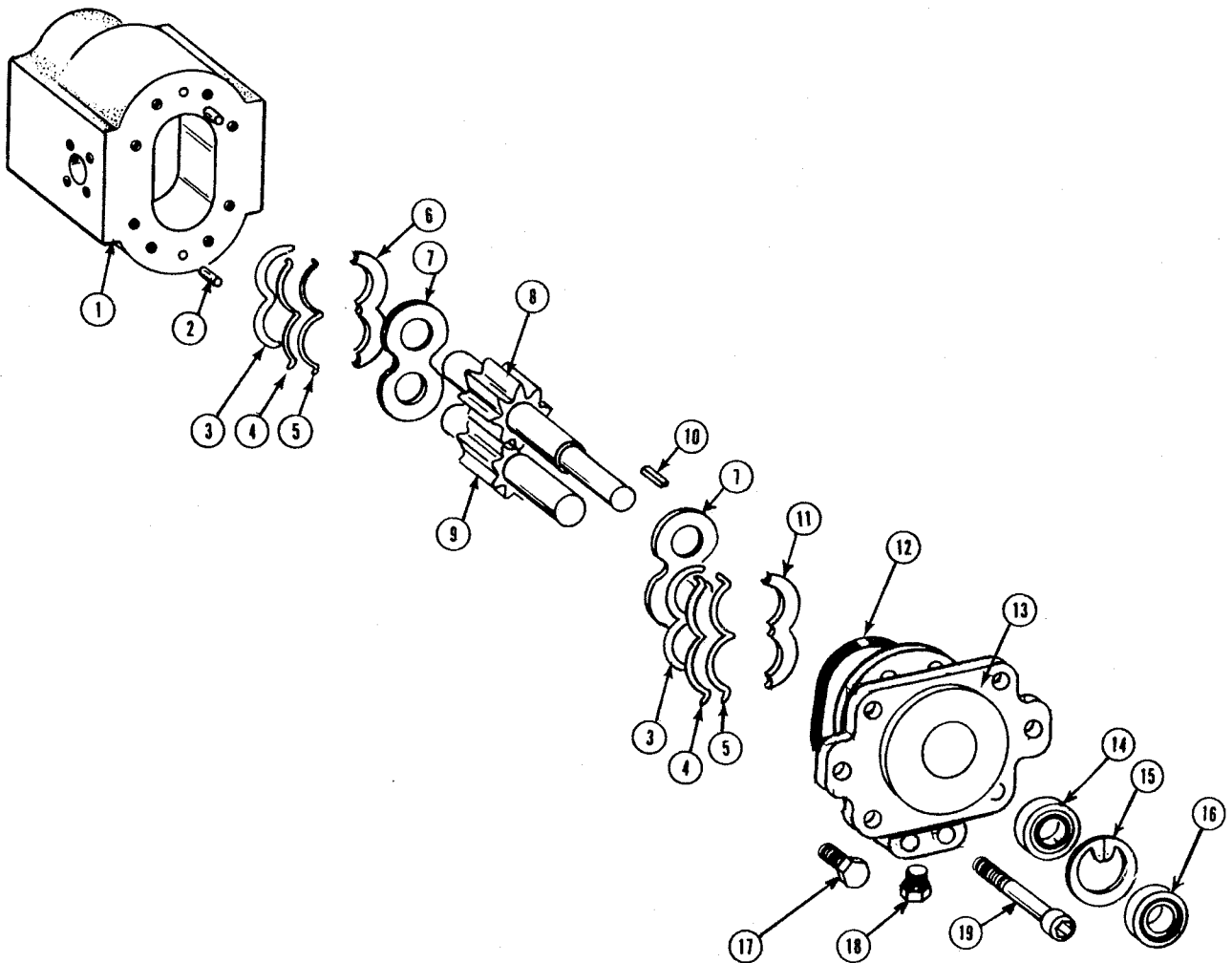
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	100004	FLANGE YOKE, 2-3/4" Pilot, 7/16" Capscrews	1
	100003	FLANGE YOKE, 2-3/8" Pilot, 3/8" Capscrews	1
2	36717	SHAFT, Drive	As Req.
3	100002	END YOKE	1
	300108	ASSEMBLY Drive Shaft (3/8" Bolts)	1
	300109	ASSEMBLY Drive Shaft (7/16" Bolts)	1
4	@0139	KEY, 5/16"	1
5		SCREW, Set, Soc. 3/8" x 3/8" UNC, Holo Knurl	1
6		SCREW, Cap, 1/2" x 2" UNC	4
		WASHER, Lock 1/2"	4
7	18400	BRACKET, Pump Mounting, Typical	As Req.
8		ELBOW	1
9	100046	ELBOW, Tubing Connector	1
10		SCREW, Cap, 1/2" x 4" UNC Soc.	4
11	39996	MUFFLER	1
12	25952	CYLINDER, Dry Valve, Air	1
13	35753	VALVE, Dry, Includes Item 12	1
14	39614	O-RING, Dry Valve Flange	2
15	101240	KIT, Flange	1
16	101242	ELBOW, Flange	1
17	16249	CLAMP, Hose	1
18	@0132	HOSE, 2" Suction	As Req.
19	105631	VALVE, Air	1
20	102400	PUMP, Commercial, Counter Clockwise,	1
21	40666	PUMP, Commercial, Counter Clockwise,	1
22	204071	PUMP, Leach, Counter Clockwise, Rotation	1
23	16927	O-RING, Pump to Flow Regulator	2
24	31291	ELBOW	1
25		O-RING, Elbow, Included With Item 24	1
26		SCREW, Cap, 7/16" x 4" UNC Soc.	4
27	38148	VALVE, Flow, Regulator	1
28	35755	HOSE, Dry Valve	1
	41058	KIT, Dry Valve Assembly, Includes Items 8, 10, 13, 24, 25, 26, 27, 28	
29	P-20-257	HOSE	1
30	17407	FITTING, Swivel	1
31	37108	PUMP, Tyrone (Optional)	1
	37061	PUMP, Tyrone, Includes Dry Valve Kit 41058	1
32	37192	ADAPTOR, 1-1/4"	1
33	102568	TEE Street, If Winch Installed	1
34		PLUG, Pipe Sq. Hd. 1/2", If Winch Installed	1
35		ADAPTOR, 3/8" to 1/2", If Winch Installed	1
36	41921	NIPPLE, Close 3/8", If Winch Installed	1
37	100211	VALVE, Flow Control, If Winch Installed	1
38	103563	CONNECTOR, If Winch Installed	2
39	103564	HOSE, Assembly, If Winch Installed	1
40	204565	ELBOW 90° Tapped	1
41	100369	NIPPLE, Test	
42	102126	NIPPLE	
43	37193	ADAPTOR, 2"	1
44		SCREW, Cap, 1/2" x 2" UNC Soc.	4
		WASHER, Lock, Hi-Collar 1/2"	8
45		ELBOW, Street 2" Pipe	1
46	SR-8580	ADAPTOR	1
	100163	PUMP, Married Tyrone (Optional)	1
47	106569	SNAP, Ring	1
48	106570	SPRING	1

FRONT PUMP (MUNCIE)



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	38150	WELDMENT, Pump Support	1
2	103075	PUMP, Muncie	1
3	39996	MUFFLER	1
4	103076	CYLINDER, Air	1
5	103077	VALVE, Dry	1
6	103079	HOSE, Bypass	1
	103080	FITTING, Bypass Hose	2
7	103078	VALVE, Flow Regulator	1
	104588	PUMP ASSEMBLY, Includes Items 2-7	

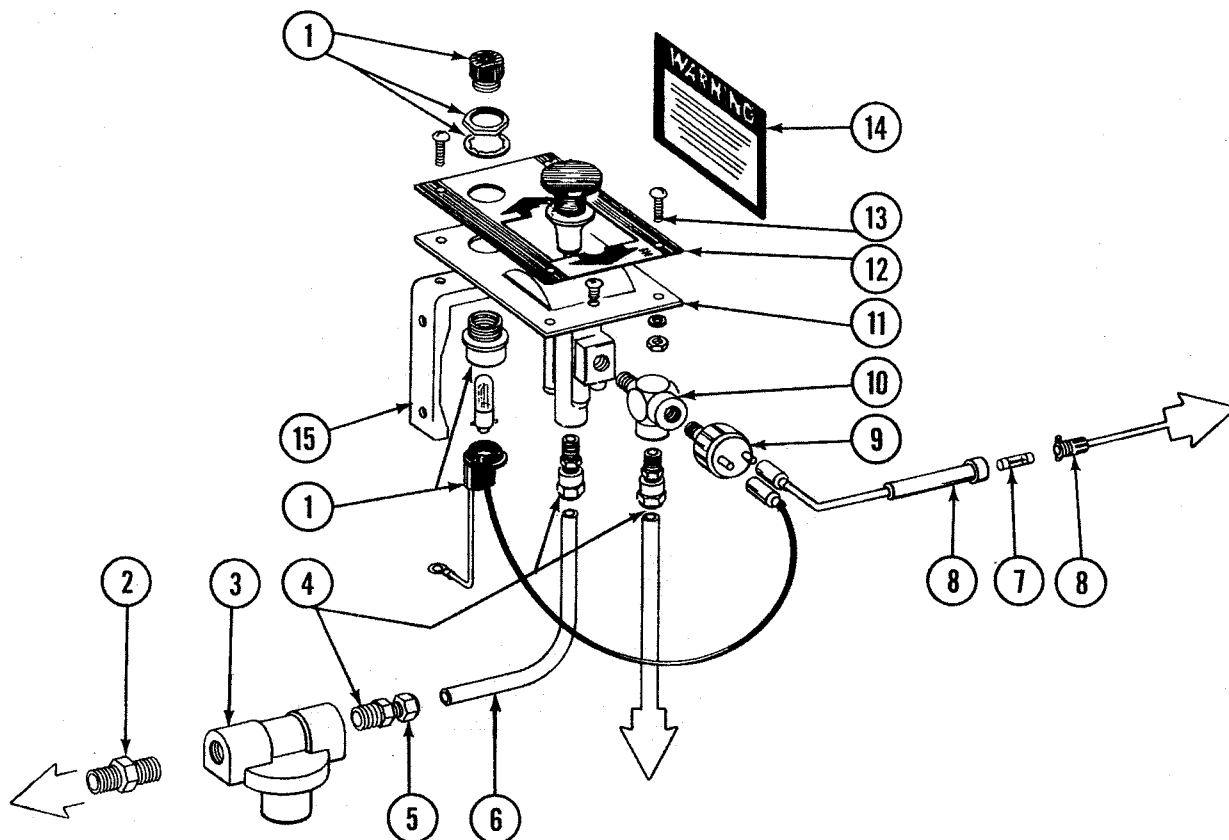
LEACH FRONT MOUNTED PUMP 204071



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	N/A	BODY, Not sold separately	1
2	103090	DOWEL	2
3	104237	RING, Retainer	2
4	104238	O-RING	2
5	104239	RING, Backup	2
6	104240	PLATE, Isolation	1
7	104241	PLATE, Pressure	2
8	104242	GEAR, Drive	1
9	104243	GEAR, Idler	1
10	104244	KEY	1
11	104245	PLATE, Isolation, top	1
12	103099	O-RING	1
13	104246	FLANGE	1
14	103102	SEAL	1
15	103103	RING, Snap	1
16	103104	SEAL, Outer	1
17	104247	SCREW, Cap	2
	104248	WASHER, Lock	8
18	104249	SCREW, Cap	6
	104250	PLUG	1
	204071	PUMP, Front mounted, complete	1

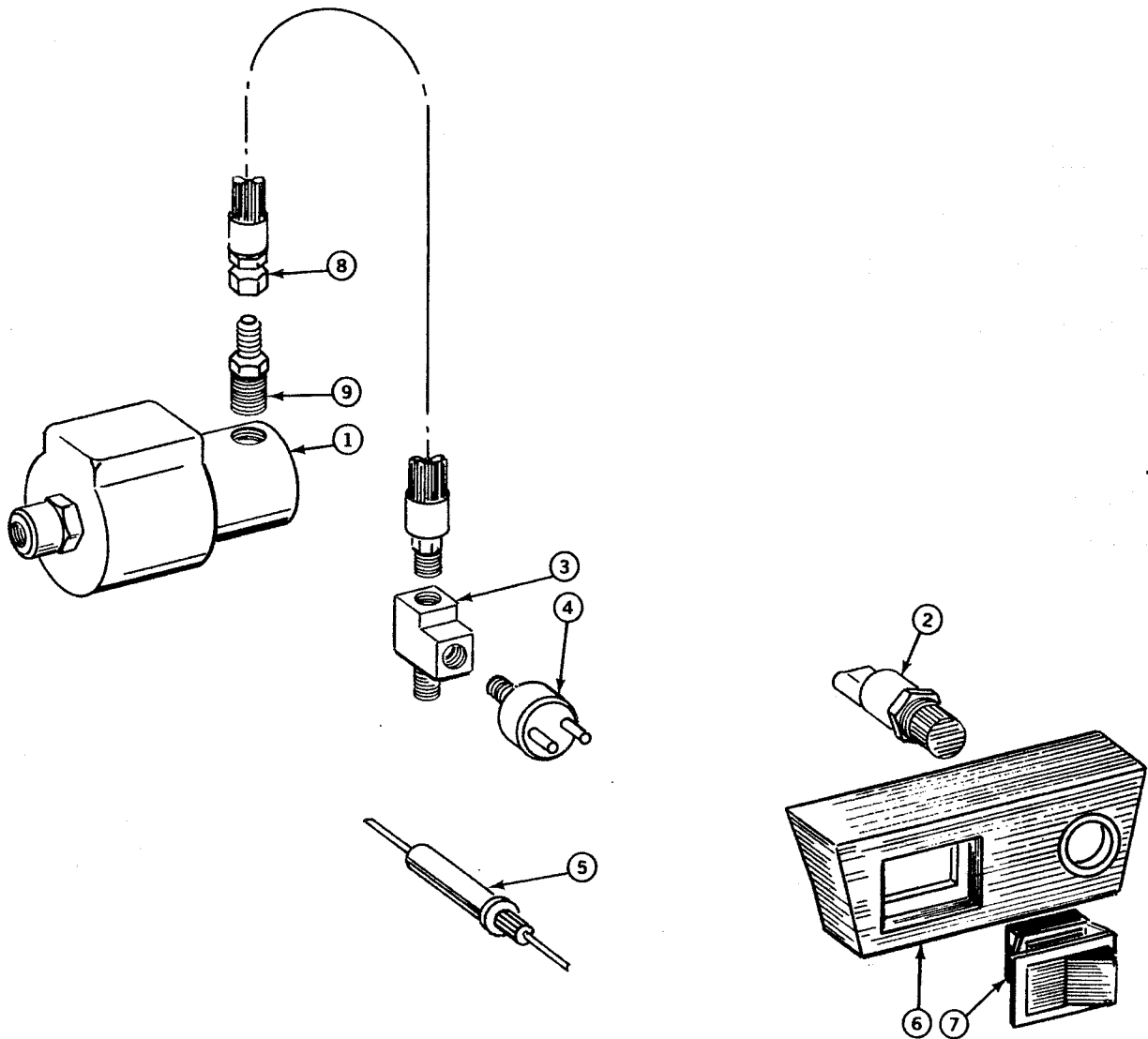
SECTION 6

PTO CONTROLS, AIR 100920



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	31651	LIGHT, Indicator	1
2	36860	CONNECTOR	1
3	30138	VALVE, Pressure Protection	1
4	36861	CONNECTOR, Male 1/8"	3
5	36862	NUT, Tube	1
6	36863	TUBING, Nylon, 30"	1
7	40756	FUSE	1
8	35865	HOLDER, Fuse	1
9	38778	SWITCH, Pressure	1
10		TEE, 1/8", Street	1
11	37880	VALVE, Air Control	1
12	37878	PLATE, Control, Mounting	1
13		SCREW, Slotted 1/8" SAE	4
		WASHER, Lock 1/8" SAE	4
		NUT, 1/8" SAE	4
14	35210	DECAL, Warning	1
15	N/A	BRACKET, Air Control	1

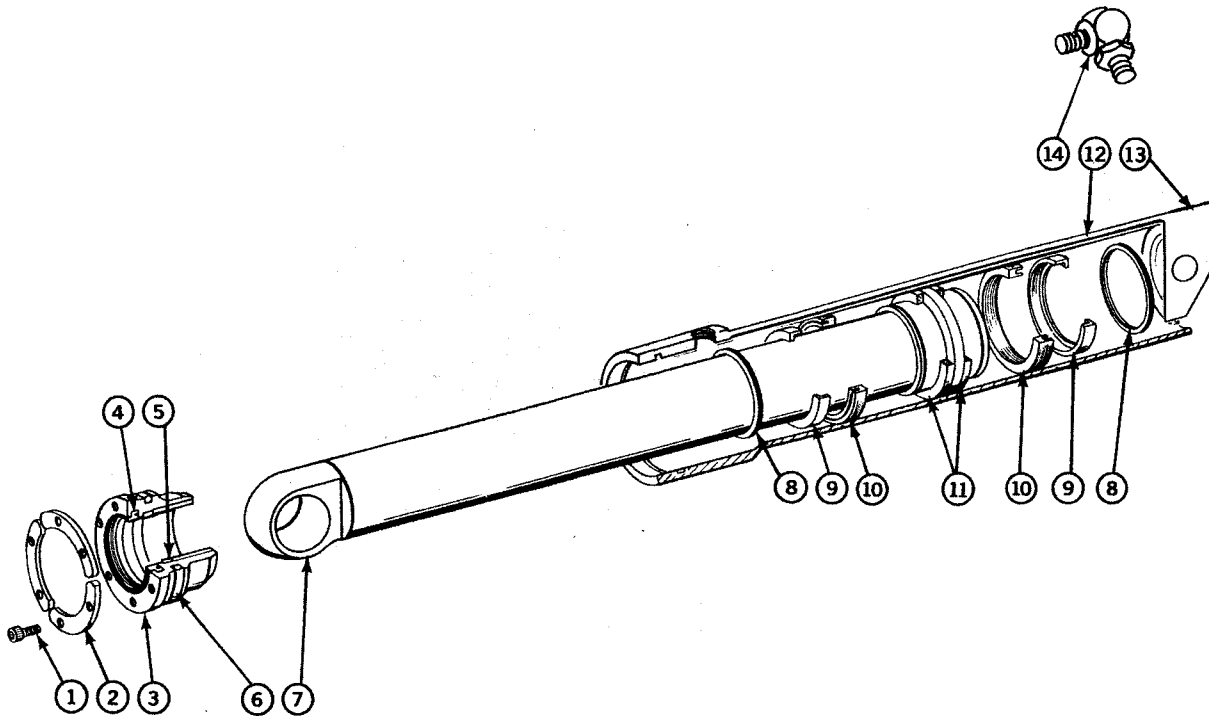
HOTSHIFT PTO CONTROLS



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	379193-1	SOLENOID Valve, (12 Volt Low Pressure)	1
2	378978	INDICATOR Light, (12 Volt)	1
3	378966	TEE, Street	1
4	378301	SWITCH, Pressure	1
	378307	TERMINAL, Wire	2
5	378884	FUSE HOLDER (9 Amp)	1
6	379336	BRACKET, Support	1
	379336	PLATE, Face	1
7	378881	SWITCH, Rocker	1
8	101176	HOSE	1
9	378965	FITTING, Screen Adaptor	1
	328715X	12 Volt Shift Installation Kit (Includes Items 1 thru 9) Without Speed Limiter (Low Pressure For Allison)	1

OPERATING CYLINDER 303904

306562

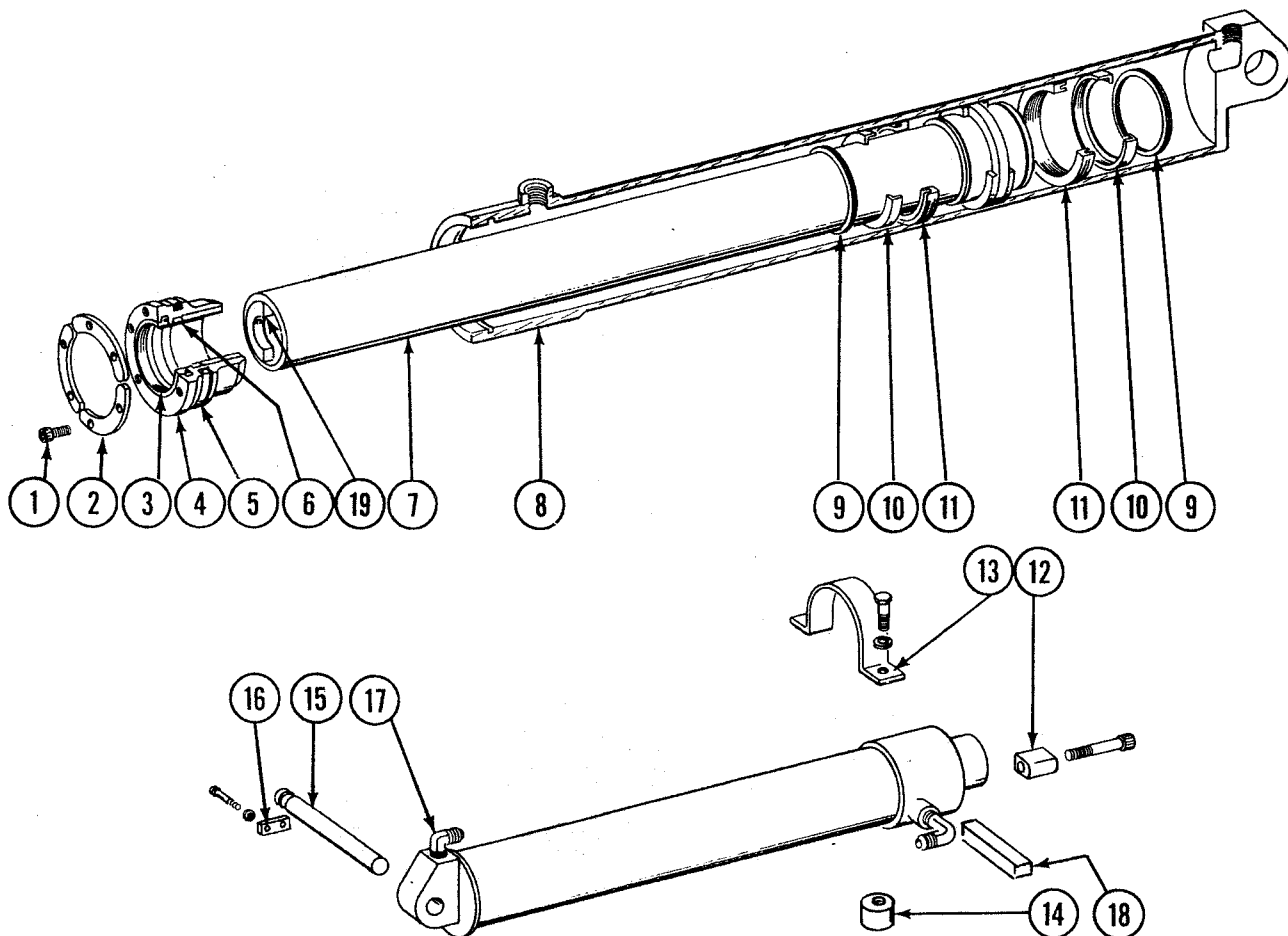


REF. NO.	PART NO.	DESCRIPTION	QTY.
1		SCREW, Cap, Socket Head, Nylok 7/16" x 7/8" UNC	6
2	PO-2295	SEGMENT, Lock	3
3	35871	HEAD, Gland, Includes Bushing	1
4	16241	WIPER, ROD	1
5	16200	SEAL, Rod	1
6	16155	O-RING, Head OD	1
7	32049	ROD, Piston	1
8	16240	RING, Spirolox Retaining	2
9	PO-2677	RING, Pedestal	2
10	15821	U-CUP, Piston	2
11	32009	RING, Brass	2
12	303900	CASE, Cylinder Weldment	1
13	200974	EYE, CYLINDER CASE	1
14	18008	ELBOW	1
	2R-2114A	REPAIR KIT, Includes Items 4, 5, 6, 10	1
	303904	CYLINDER Assembly Kit (Includes Item 14 thru 19 & Cylinder)	1

305827
306562

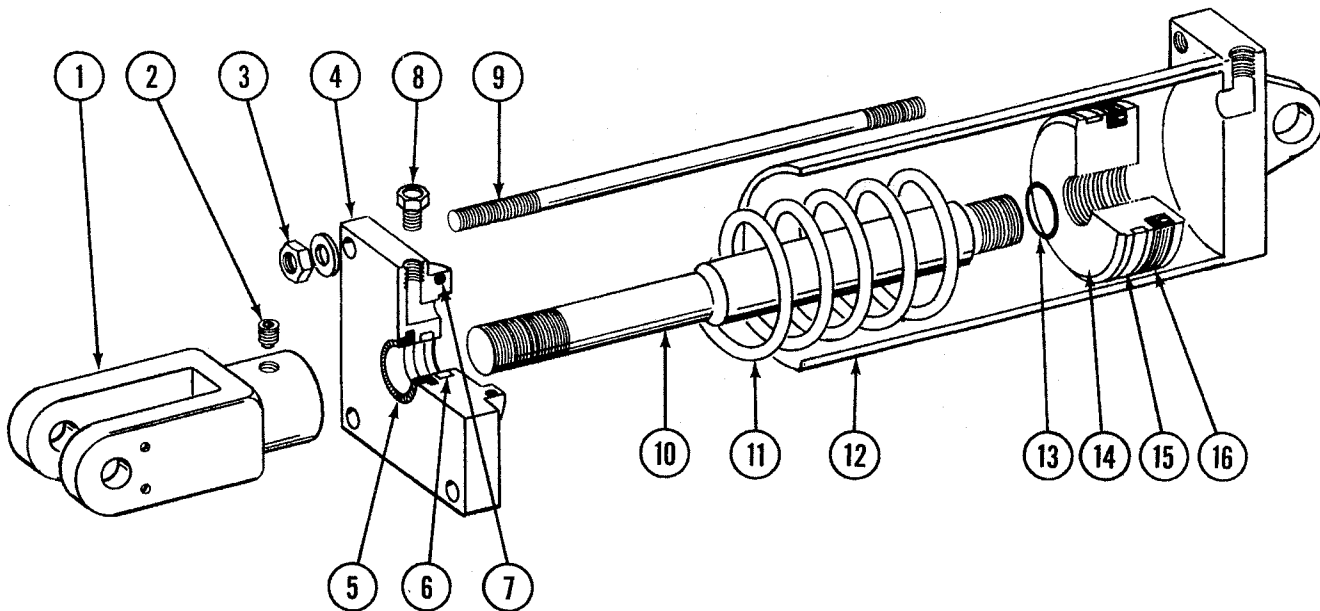
SECTION 7

PUSHOUT CYLINDER 400383



REF. NO.	PART NO.	DESCRIPTION	QTY.
1		SCREW, Cap, Soc. Head, Nylok 7/16" x 3/8" UNC	6
2	PO-2295	SEGMENTS, Lock	3
3	16241	WIPER, Rod	1
4	35871	HEAD Gland	1
5	16155	O-RING, Head OD	1
6	16200	SEAL, Rod	1
7	400239	ROD, Piston	1
8	400384	CASE, Cylinder Weldment	1
9	16240	RING, Retaining	2
10	PO-2677	RING, Pedestal	2
11	15821	U-CUP, Piston	2
12	PO-484	HOLDER, Pushout Bar	1
13	PO-531-3	SCREW, Cap, Socket Head 1/2" x 2" UNC Nylock	1
		STRAP	1
		SCREW, Cap 1" x 1 - 1/2" UNC	2
		WASHER, Lock 1"	2
14	PO-531-1	LUG	2
15	300605	PIN	1
16	200830	KEEPER, Pin	1
	201102	PLATE, Locking	1
17	18008	ELBOW	2
18	200218	BLOCK, Support	1
	2R-2114A	REPAIR Kit, Includes Items 3, 5, 6, 10	1
19	PO-470	END, Cap	1
	400383	CYLINDER Assembly	1

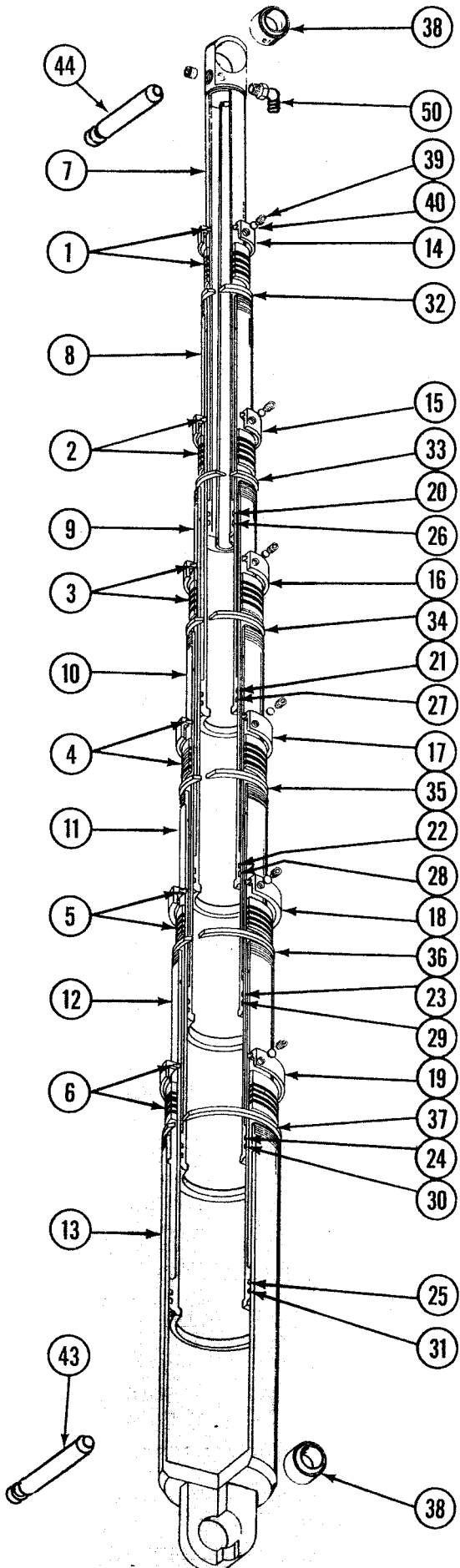
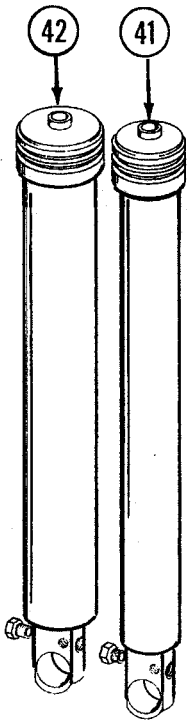
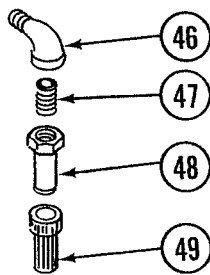
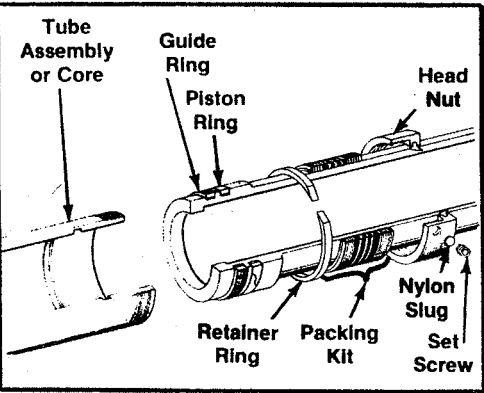
CLAMP CYLINDER 400496



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	300418	CLEVIS, Cast	1
2		SCREW, Set 3/8" x 3/8" UNC	1
3		NUT, 5/8" UNC	4
4	300559	WASHER, Lock 5/8"	4
5	100427	COVER, Cylinder	1
6	100426	WIPER, Rod	1
7	41223	WEAR, Ring	1
8	41223	O-RING	1
9	37780	BREATHER	1
10	41183	TIE ROD	4
11	300557	ROD, Piston	1
12	100296	SPRING, Compression	1
13	400495	CASE, Cylinder Weldment	1
14	16096	O-RING, Piston	1
15	300558	PISTON, Disc	1
16	41225	WEAR, Ring	1
17	41226	SEAL, Piston	1
	101238	REPAIR Kit, Includes Items 5, 6, 7, 13, 15	1
	400496	CYLINDER Assembly	1

SECTION 7

TELESCOPIC CYLINDER

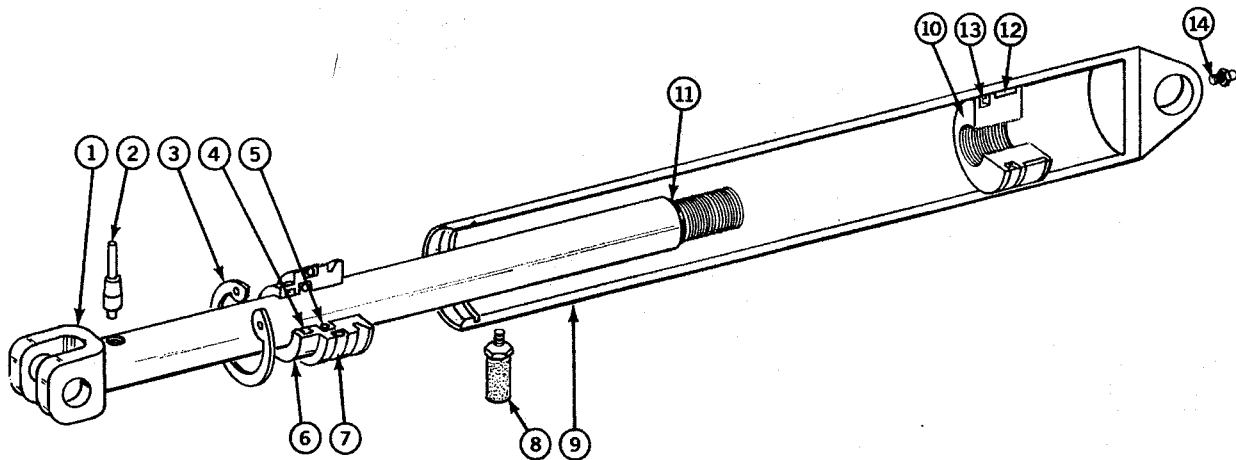


TELESCOPIC CYLINDER

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	100473	KIT, Packing, Sixth Stage	1
2	100471	KIT, Packing, Fifth Stage	1
3	100469	KIT, Packing, Fourth Stage	1
4	100467	KIT, Packing, Third Stage	1
5	100465	KIT, Packing, Second Stage	1
6	100463	KIT, Packing, First Stage	1
7	100474	LAST Plunger Assembly, Opt. 31 yd. Body Sixth Stage	1
8	100472	PLUNGER Assembly, Fifth Stage	1
9	100470	PLUNGER Assembly, Fourth Stage	1
10	100468	PLUNGER Assembly, Third Stage	1
11	100466	PLUNGER Assembly, Second Stage	1
12	100464	PLUNGER Assembly, First Stage	1
13	100462	CASE, Cylinder	1
14	100499	HEAD Nut, Sixth Stage	1
15	100497	HEAD Nut, Fifth Stage	1
16	100493	HEAD Nut, Fourth Stage	1
17	100489	HEAD Nut, Third Stage	1
18	100485	HEAD Nut, Second Stage	1
19	100481	HEAD Nut, First Stage	1
20	100495	PISTON Ring, Sixth Stage	1
21	100491	PISTON Ring, Fifth Stage	1
22	100487	PISTON Ring, Fourth Stage	1
23	100482	PISTON Ring, Third Stage	1
24	100479	PISTON Ring, Second Stage	1
25	100477	PISTON Ring, First Stage	1
26	100494	GUIDE Ring, Sixth Stage	1
27	100490	GUIDE Ring, Fifth Stage	1
28	100486	GUIDE Ring, Fourth Stage	1
29	100483	GUIDE Ring, Third Stage	1
30	100478	GUIDE Ring, Second Stage	1
31	100476	GUIDE Ring, First Stage	1
32	100498	RETAINING Ring, Sixth Stage	1
33	100496	RETAINING Ring, Fifth Stage	1
34	100492	RETAINING Ring, Fourth Stage	1
35	100488	RETAINING Ring, Third Stage	1
36	100484	RETAINING Ring, Second Stage	1
37	100480	RETAINING Ring, First Stage	1
38	39618	BEARING, Ball Bushing	2
39	100503	SLUG Nylon Lock 1/4" x 1/8"	6
40	100500	SCREW Set	6
41	100502	LAST Plunger Assembly, Opt. 25 yd. Body FIFTH Stage	
42	100501	LAST Plunger Assembly, Opt. 20 yd. Body FOURTH Stage	
43	300605	PIN, Case End	1
44	39637	PIN, Rod End	1
45	100557	ELBOW	1
	39726	CYLINDER Assembly, 31 yd. Body, Sixth Stage	
	41296	CYLINDER Assembly, 25 yd. Body, Fifth Stage	
	41297	CYLINDER Assembly, 20 yd. Body, Fourth Stage	
46	201275	ELBOW	1
47	21793	NIPPLE	1
48	100369	NIPPLE, Test	1
49	102823	CAP, Dust	1
50	100557	ELBOW	1

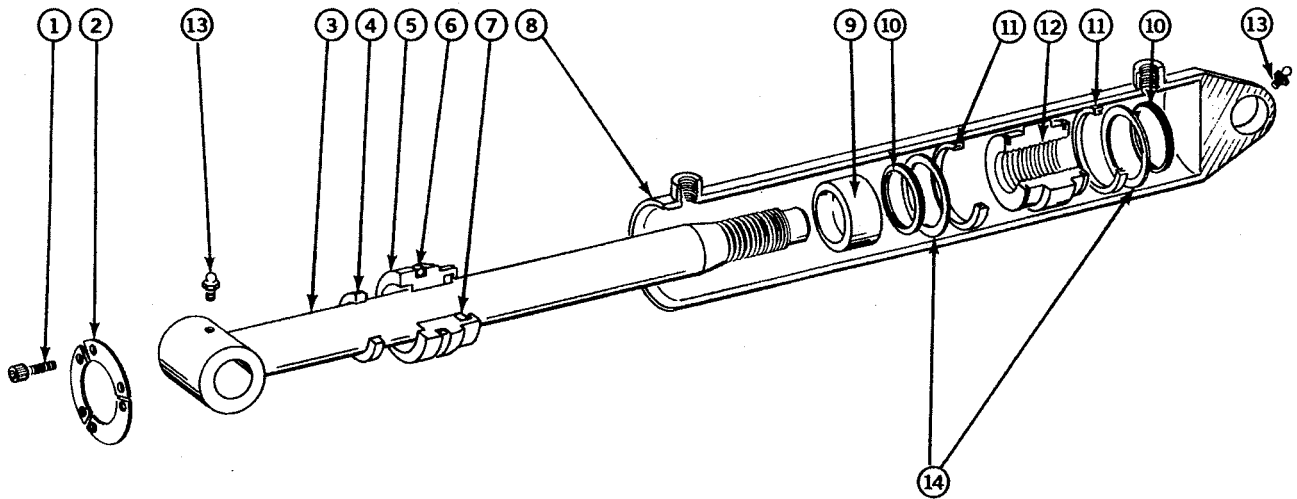
SECTION 7

TAILGATE LIFT CYLINDER 405089



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	208576	ROD, Piston Weldment	1
2	203042	PIN, Restriction	1
3	16243	SNAP, Ring	1
4	16228	ROD SEAL	1
5	15731	O-RING (Head ID)	1
6	SK-318C	HEAD GLAND	1
7	16238	O-RING (Head OD)	1
8	100315	BREATHER	1
9	305032	CASE, Lift Cylinder Weldment	1
10	208574	DISC, Piston, One Piece	1
11	106988	O-RING, (Piston ID)	1
12	101366	RING, Piston	1
13	102388	CUP, Piston	1
14	16171	FITTING, Grease	1
	107333	REPAIR Kit, Includes 3, 4, 5, 7, 11, 13, 14	1
	405089	CYLINDER Assembly	1

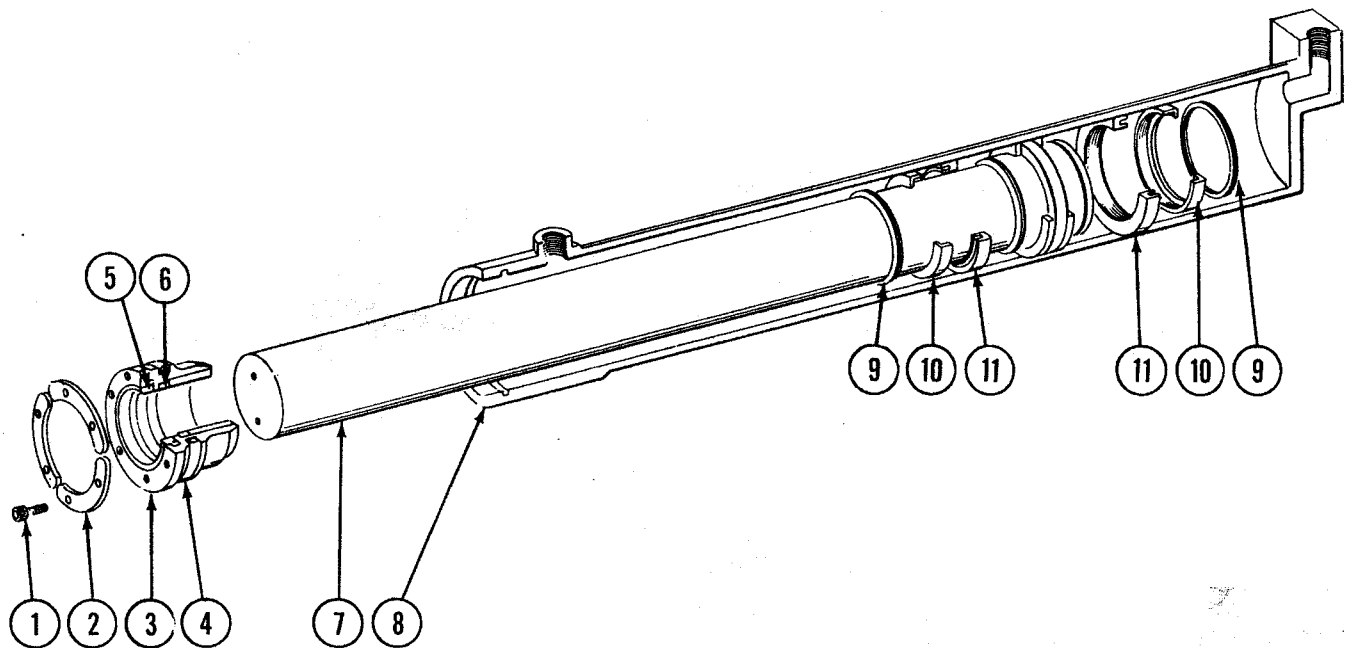
CONTAINER DUMPING CYLINDER 401207



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	F5625	SCREW, Cap	6
2	17602	SEGMENT, Lock	3
3	201758	ROD, Piston	1
4	100082	SEAL, Wiper	1
5	301141	HEAD Gland	1
6	16152	O-RING, Head OD	1
7	100085	SEAL	1
8	301130	CASE, Cylinder Weldment	1
9	201756	SPACER	1
10	18266	RING, Retaining External	2
11	15768	U-CUP, Piston	2
12	SR-9421	PISTON	1
13	16170	FITTING, Grease	2
14	SR-9424	WASHER, Retaining	2
	102168	REPAIR KIT, Includes Items - 4, 6, 7, 11	1
	401207	CYLINDER Assembly	1

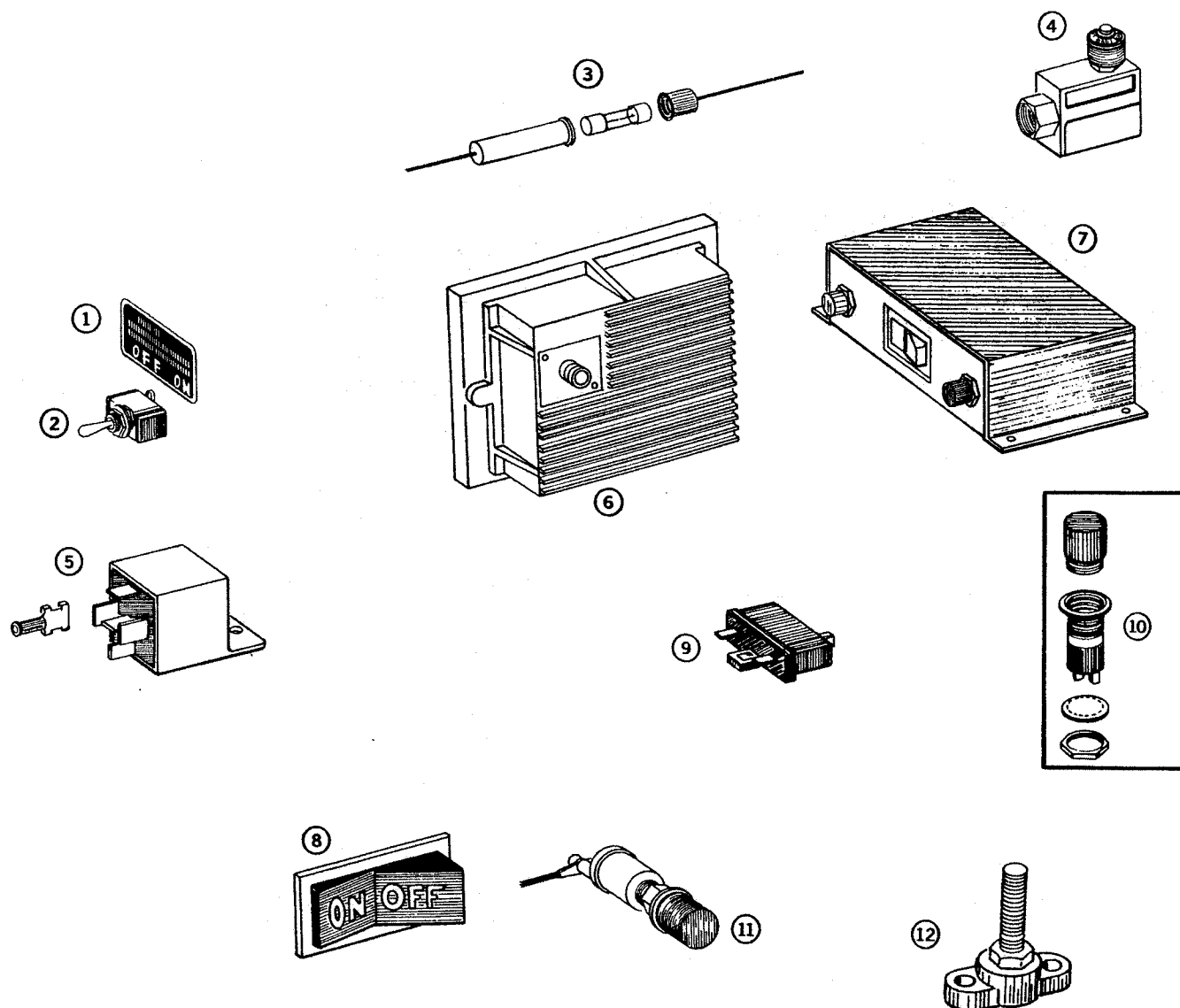
SECTION 7

CONTAINER LIFTING DEVICE CYLINDER 402087



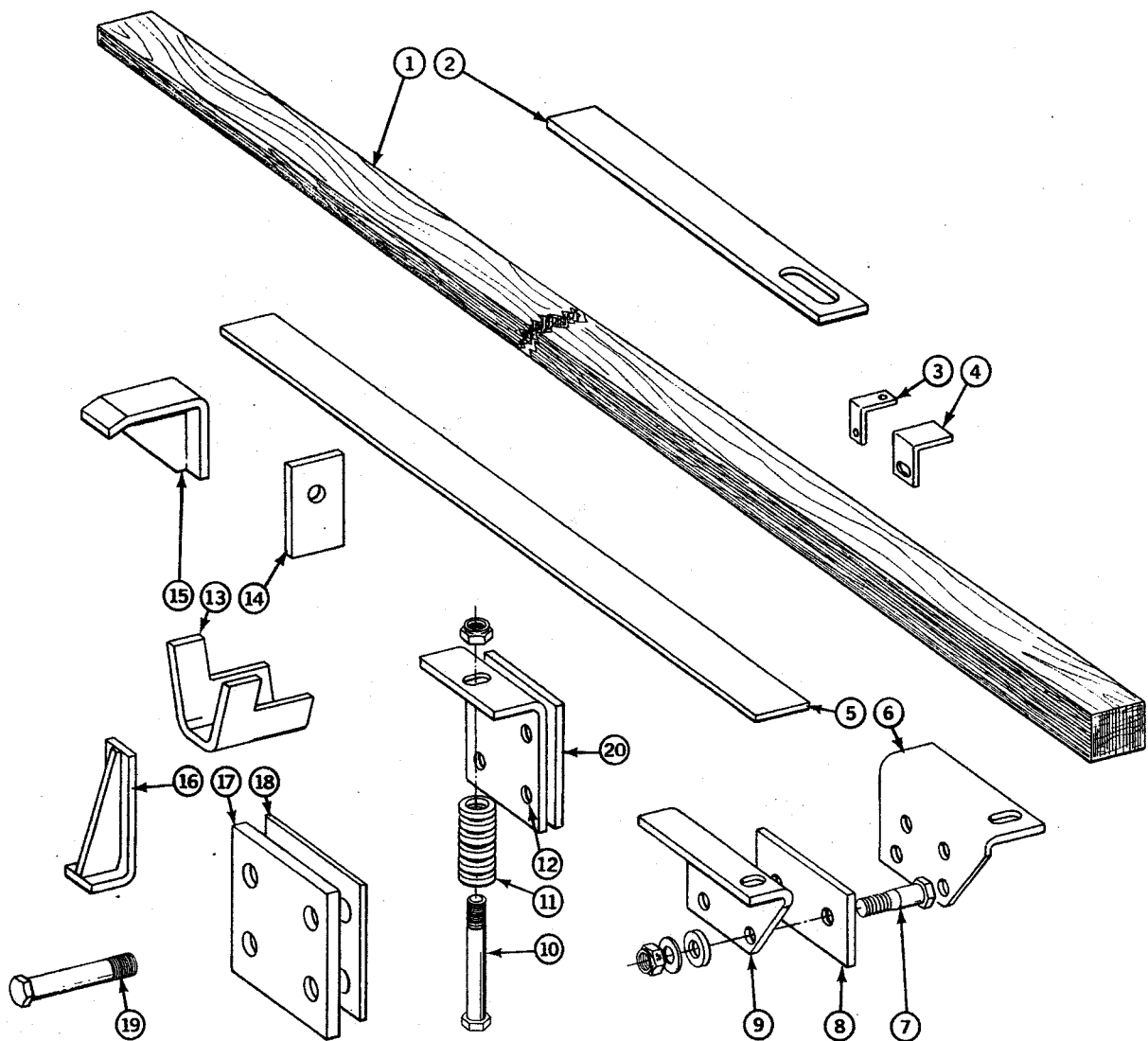
REF. NO.	PART NO.	DESCRIPTION	QTY.
1		SCREW, Cap, Soc. Head, Nylok 7/16" x 7/8" UNC	6
2	PO-2295	SEGMENT, Lock	3
3	35871	HEAD Gland	1
4	16155	O-RING, Head OD	1
5	16241	WIPER, Rod	1
6	16200	SEAL, Rod	1
7	301913	ROD, Piston	1
8	402086	CASE, Cylinder Weldment	1
9	16240	RING, Retaining	2
10	PO-2677	RING, Pedestal	2
11	15821	U-CUP, Piston	2
	2R-2114A	REPAIR KIT, Includes Items 4, 5, 6, 11	1
	402087	CYLINDER Assembly, 72"	1

ELECTRICAL COMPONENTS



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	P-16-921	DECAL, Dashboard	1
2	SK-2092	SWITCH, Toggle, Dash	1
3	35865	HOLDER, Fuse	1
4	15752	SWITCH, Neutral Safety (Required With Automatic Transmission)	1
5	102118	RELAY	1
6	103050	SWITCH, Overspeed (Muncie)	1
7	100527	CONTROL, PTO/Overspeed (Chelsea)	1
8	37881	SWITCH, Rocker	1
9	SK-2093	BUZZER	1
10	38259	LIGHT, Tailgate Ajar	1
	102381	BULB, Ajar Light	1
11	203472	BUTTON, Speed-Up	1
12	104372	BLOCK, Single Insulated Terminal	1

2RII MOUNTING HARDWARE

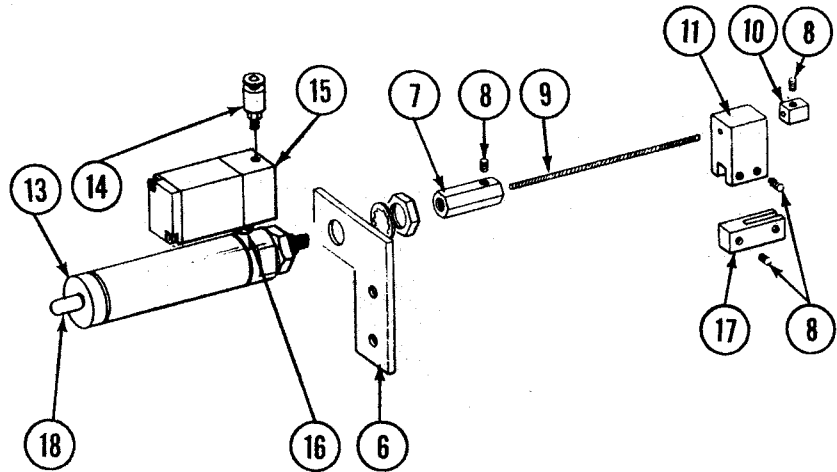
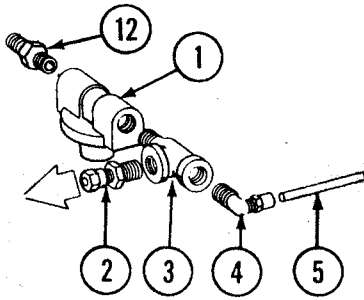


2RII MOUNTING HARDWARE

REF. NO.	PART NO.	DESCRIPTION	QTY.
1		WOOD, Tapered	As Req.
2	SR-8453	SHIM, Truck Frame	As Req.
3	38195	BRACKET, Sill Retaining	As Req.
4	200374	BRACKET, Sill Retaining	As Req.
5		BAR, Steel	2
6	PO-453	BRACKET	As Req.
7	40205	BOLT, Shoulder 1" Lg.	As Req.
	2R-1658	BOLT, Shoulder 1-1/4" Lg.	As Req.
	39939	BOLT, Shoulder 1-1/2" Lg.	As Req.
	42026	BOLT, Shoulder 2" Lg.	As Req.
	39966	WASHER, 1/4" Thick	1
	41412	WASHER, 3/8" Thick	1
	100100	NUT	
8	P-16-626-4	SHIM, Frame To Body 3/8"	As Req.
	P-16-626-5	SHIM, Frame To Body 1/2"	As Req.
	P-16-626-3	SHIM, Frame To Body 5/8"	As Req.
	P-16-626-2	SHIM, Frame To Body 3/4"	As Req.
	P-16-626-1	SHIM, Frame To Body 1"	As Req.
9	PO-542	BRACKET	As Req.
10	F2475	BOLT	1
	F3975	NUT, Nylock 1" N.F.	1
11	16107	SPRING	1
12	PO-1402	BRACKET	1
13	301638	SHOE	1
14	16286	SPACER, 1/4"	1
	16287	SPACER, 1/2"	1
	16288	SPACER, 5/8"	1
	16289	SPACER, 3/4"	As Req.
15	304743	LATERAL, Mt. Restraint	2
16	304741	LATERAL, Mt. Restraint	2
17	206419	PLATE, Wear	2
18	206420	SHIM, .0598"	As Req.
	206421	SHIM, .12"	As Req.
	206422	SHIM, .19"	As Req.
	206423	SHIM, .25"	As Req.
19		SCREW, Cap 3/8" x 1-1/2" UNC	8
		WASHER, Lock, 3/8"	8
		NUT, 3/8" UNC	8
20	30161	SHIM, Frame To Body 1/4" x 4" x 8" Lg.	As Req.
	30162	SHIM, Frame To Body 1/2" x 4" x 8" Lg.	As Req.
	30163	SHIM, Frame To Body 5/8" x 4" x 8" Lg.	As Req.
	18141	SHIM, Frame To Body 3/4" x 4" x 8" Lg.	As Req.

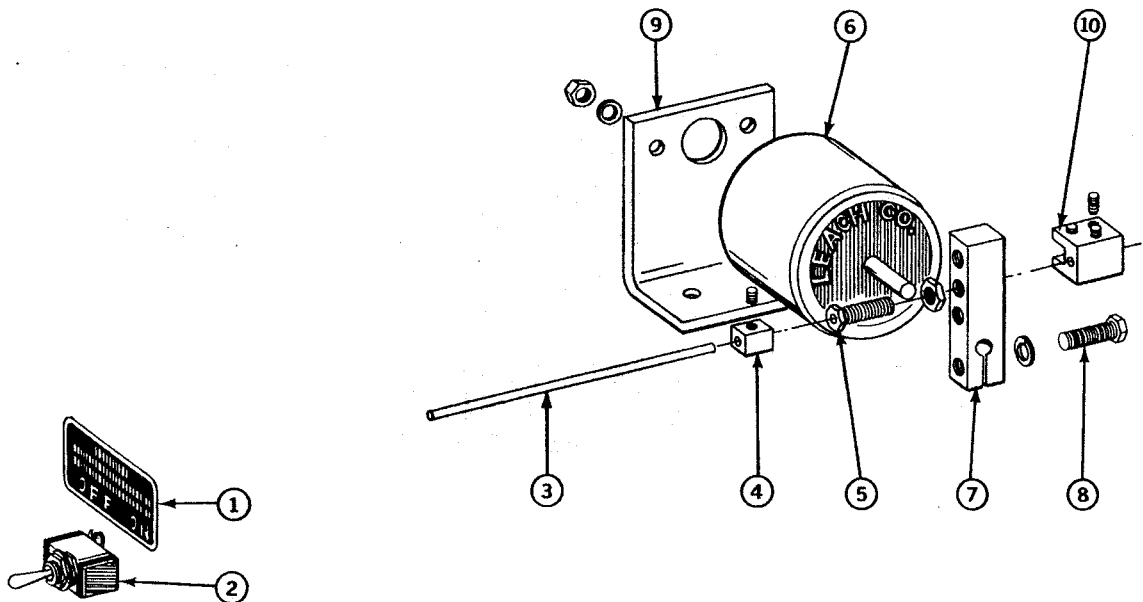
SECTION 8

SPEED UP (AIR OPERATED)

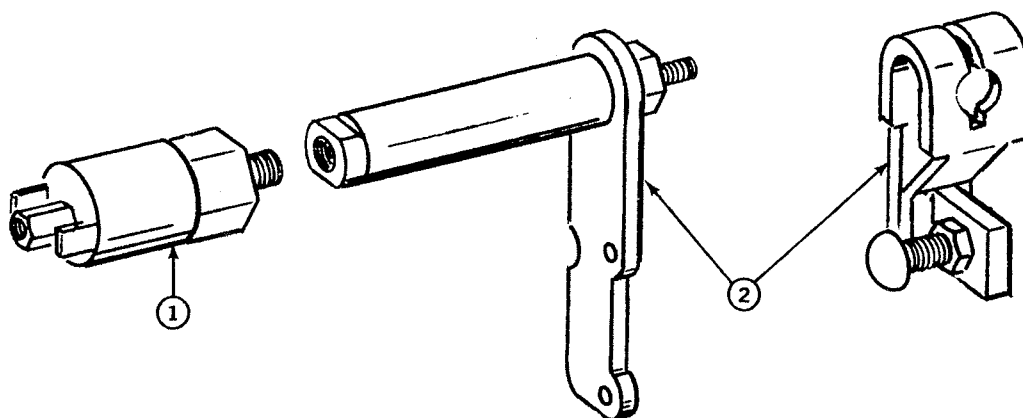


REF. NO.	PART NO.	DESCRIPTION	QTY.
1	30138	VALVE, Pressure Protection	1
2	39217	CONNECTOR	2
	102653	CONNECTOR	2
3	@0044	TEE, 1/4" Street NPT	1
4	39928	ELBOW	3
5	39218	CONNECTOR, Male With Sealant	As Req.
5	39923	TUBING, 1/4" Nylon, (10 Feet)	
6	18965	BRACKET	1
7	18964	COUPLER	1
8		SCREW, Set Soc. Hd. - 10-32 x 1/4" UNF	As Req.
9	SK-1733-10	CABLE, Speed Up	1
10	SK-1737	CLAMP, Cable	1
	200585	CLAMP, Cable W/Tab	1
11	39623	CLAMP, Throttle Lever	As Req.
12	36860	NIPPLE, Hex, 1/4"	1
13	102654	CYLINDER, Air	1
14	102653	FITTING, Air Cylinder #10 x 32 1/16 NPT	1
	104882	FITTING, Air Cylinder, 1/16" NPT	1
15	102655	VALVE, Solenoid	1
16	102791	NIPPLE, Hex	1
17	SK-1738	CLAMP, Yoke	As Req.
	203141	CYLINDER & Valve Assy., Includes Items 17, 18, 19	1
	203140	KIT, Air Operated, Speed Up, Includes Items 1, 2, 5, 9, 10, 11, 12, 14, 16, 17, 18, 19, 20	
18	39996	BREATHER	1

SPEED UP (ELECTRICALLY OPERATED)

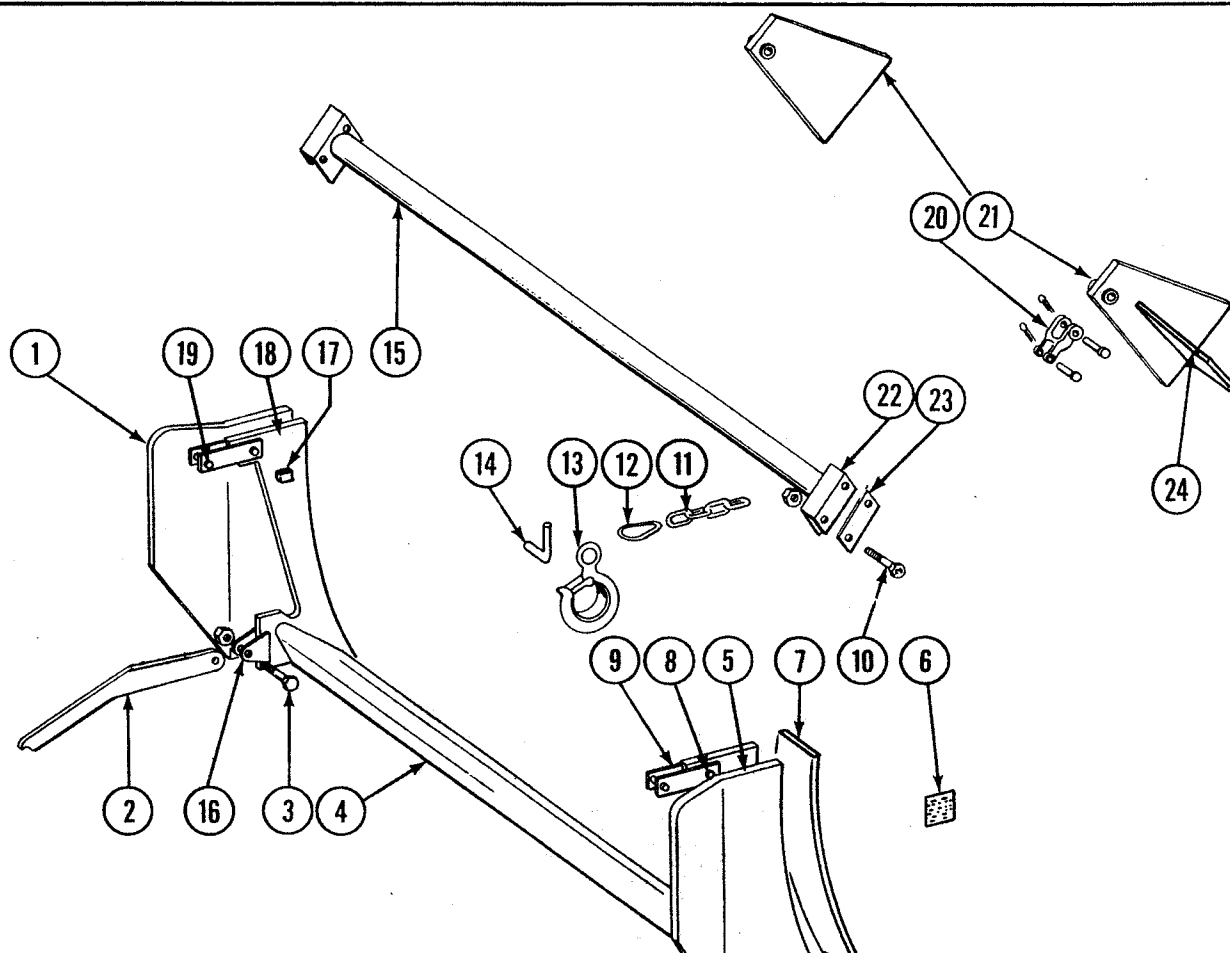


REF. NO.	PART NO.	DESCRIPTION	QTY.
1	P-16-921	DECAL	1
2	SK-2092	SWITCH, Toggle, Dash	1
3	SK-1733-10	CABLE, Speed Up	1
4	SK-1737	CLAMP	1
5	SK-1736	SCREW, Cap, Drilled	1
6	SK-1733	SOLENOID, Speed Up, Assembly	1
	SK-2308	SOLENOID ONLY	
7	SK-1735	LEVER	1
8		SCREW, Cap	1
		WASHER, Flat	1
9	SK-1734	BRACKET	1
	F4555	SCREW Set, Soc. Hd. 10 - 32 x 1/4	2
10	SK-6651	CLAMP	1
	SK-1738	YOKE, Clamp	As Req.
11	F4555	SCREW, Set, Soc. Hd. 10 - 32 x 1/4"	1

SECTION 8**SPEED UP (CUMMINS VARIABLE SPEED GOVERNOR)**

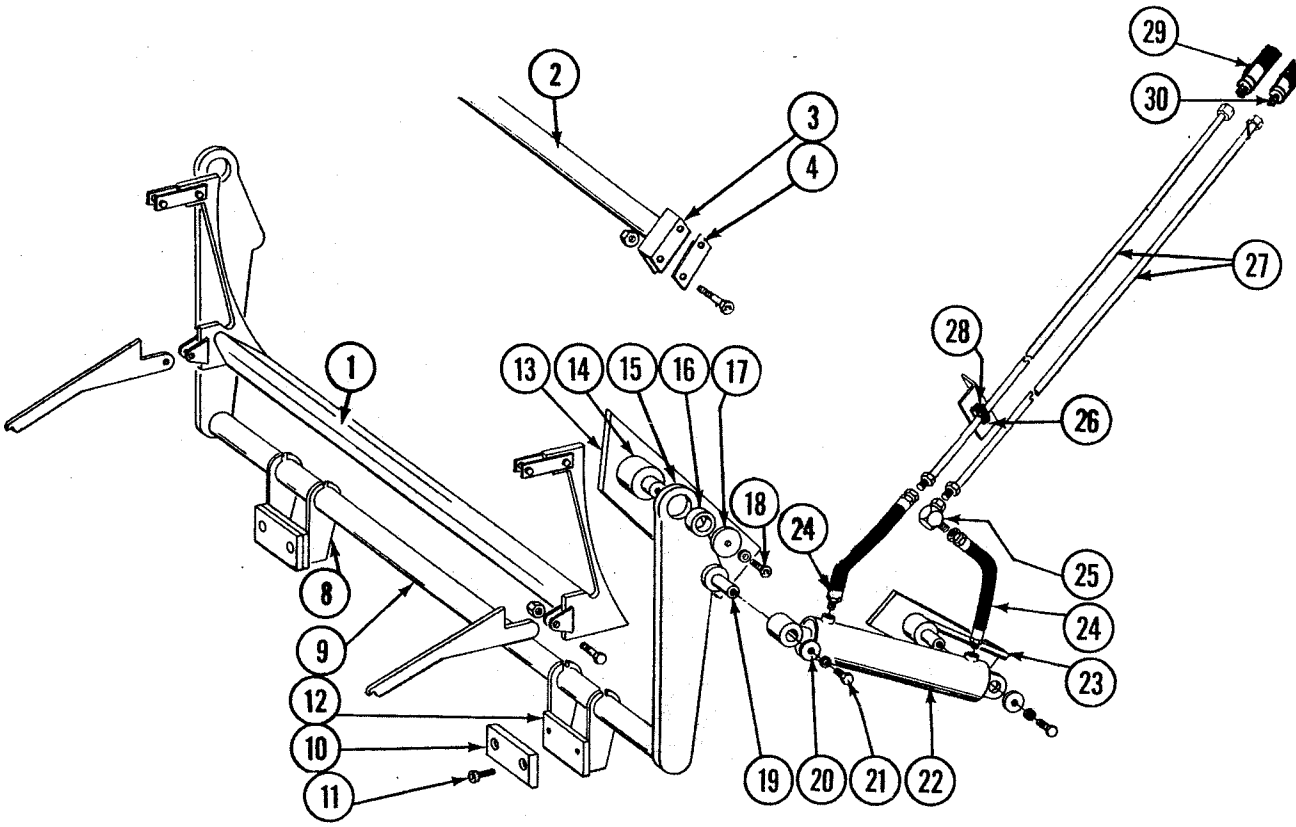
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	36853	VALVE, Solenoid	1
2	38279	KIT, (Cummins variable speed governor includes: air cylinder, mounting plate, lever, governor adjusting screw, lock nut	

MANUAL CONTAINER ATTACHMENT



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	301199	GUIDE Left	1
2	401039	ARM, Latch	2
3		SCREW, Cap, 3/4" x 2-1/2" UNC	2
		NUT, Stop, 3/4" UNC	2
4	301185	LOADING Sill	1
	301181	LOADING Edge Ext	1
5	301198	GUIDE Right	1
6	201049	DECAL, Caution	1
7	301200	BACKING Plate	2
8		WASHER, 3/4"	2
9	P-16-1367	LATCH	4
10		SCREW Cap, 1/2" x 3" UNC	4
11	100141	CHAIN	2
12	100029	LINK Missing	2
13	100028	HOOK	2
14	15444	HOOK Hanger	2
15	201273	CONTAINER Stop	1
16	15023	LATCH Ear	4
17	36707	STOP	2
18	301196	LATCH Weldment	2
19	15016	PIN	4
20	100146	DOUBLE Clevis	2
21	300144	CHAIN Anchor	2
22	203379	SLEEVE	2
23	203178	PAD, Clamping	2
	301197	LATCH Assembly, Includes Items 2, 3, 8, 9, 16, 17, 18, 19	2
24	205751	GUSSET, Chain Anchor	2

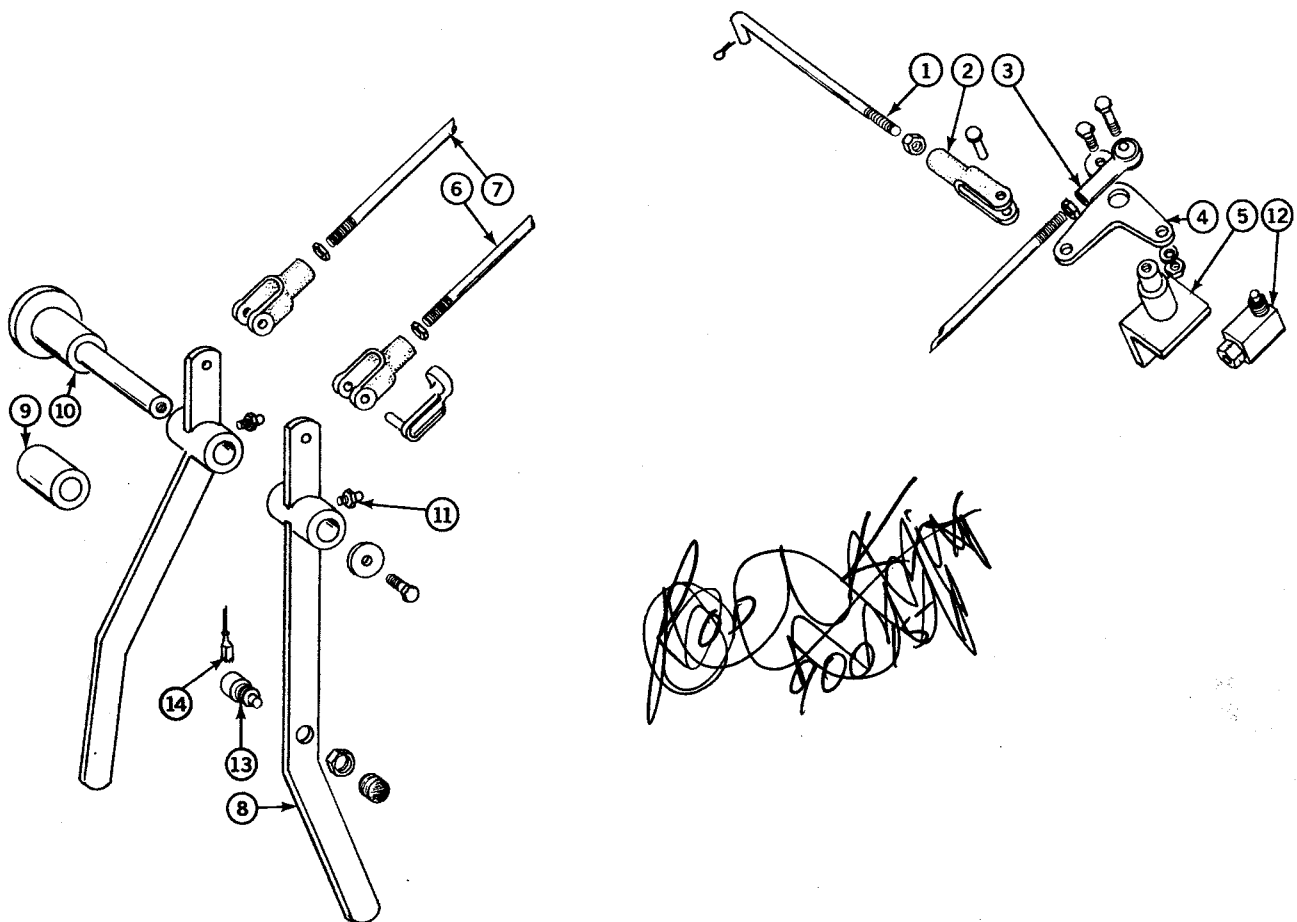
HYDRAULIC CONTAINER ATTACHMENT



HYDRAULIC CONTAINER ATTACHMENT

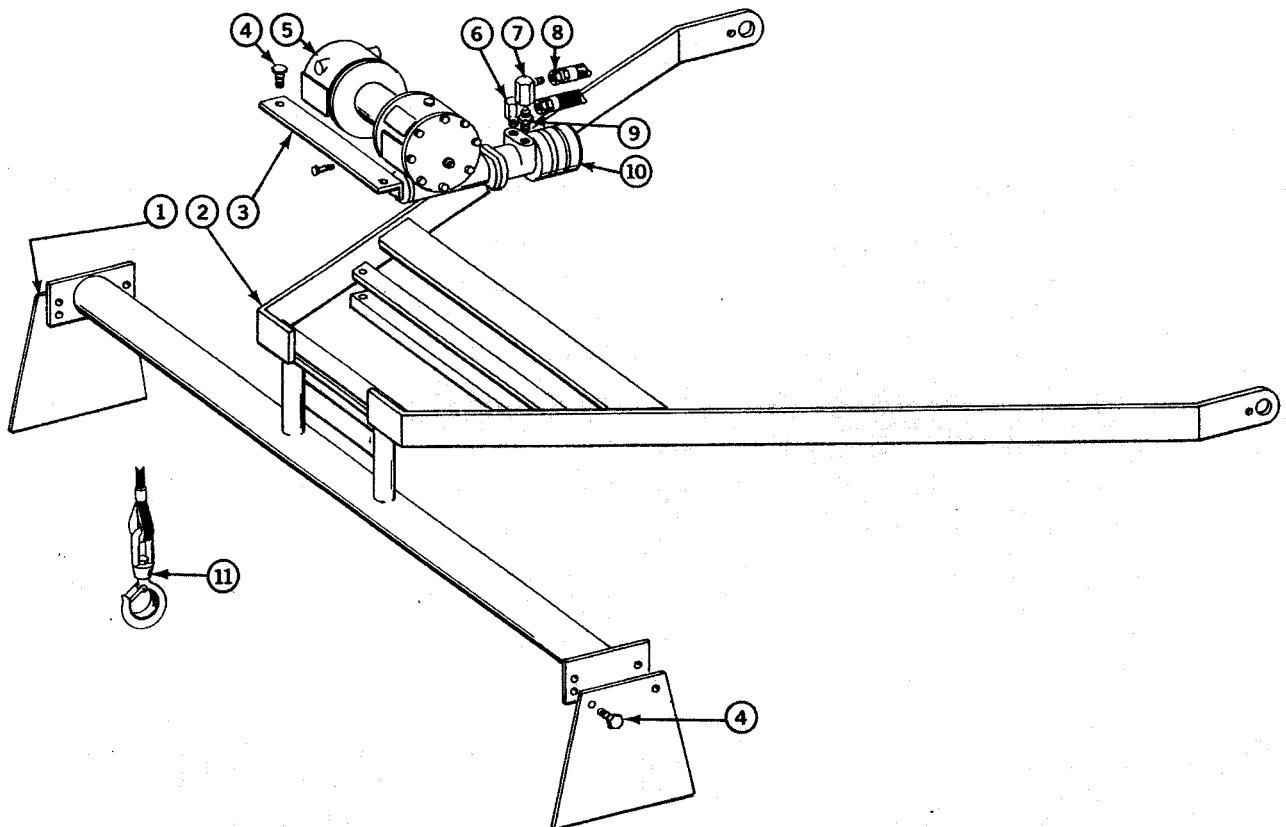
REF. NO.	PART NO.	DESCRIPTION	QTY.
1		MANUAL Container Attachment	1
2	201273	PIPE Container Stop	1
3	203379	SLEEVE	2
4	203178	PAD, Clamping	2
8	37201	PAD Assembly	2
9	403000	CONTAINER, Push Weldment	1
10	15558	LIFT Shoe	2
11		SCREW, Soc Head 1/2" x 1" UNC	4
12	36714	PAD, Shoe	2
13	201485	LIFT Pivot Base	2
14	16079	PIVOT, Lift	2
15	15008 302928	ARM, Push	2
16	15269	BEARING Strip, Plastic	2
17	15268	COVER, Bearing	2
18		SCREW, Cap 3/4" x 3" UNC	2
19	15005	HUB, Cylinder Pivot	2
20	PO-205	COVER, Pivot	4
21		SCREW, Cap 3/4" x 1" UNC	4
		WASHER, Lock 3/4"	4
22	401207	CYLINDER, Container Lift - 405460	2
23	16320	BOTTOM Pivot Weldment, R.H.	1
	16319	BOTTOM Pivot Weldment, L.H.	1
24	305400-01	HOSE	4
25	100976	ELBOW, Swivel	2
26	209003-01	BRACKET, Tube Support	6
27	305447-01	TUBE, Outside	4
28	100164	TUBE, Clamp	12
29	305401-01	HOSE	2
30	305401-02	HOSE	2

OPTIONAL CONTAINER HANDLING CONTROLS



REF. NO.	PART NO.	DESCRIPTION	HCA	WINCH	CLC	HCA/ WINCH	HCA/ CLC
1	16296 209000	ROD, Valve ROD, Valve NUT, Jam 1/2" NF	1 — 3	— 1 3	— 1 3	1 1 6	1 1 6
2	SK-475 106938-05 106937-05	CLEVIS CLIP, Spring ASSEMBLY, Clevis/Spring Clip	2 2 2	2 2 2	2 2 2	4 4 4	4 4 4
3	16210	END, Rod HHCS 1/2" x 1-3/4" UNC NUT, Elastic Stop 1/2" UNC	1 1 1	1 1 1	1 1 1	2 2 2	2 2 2
4	36870	ASSEMBLY, Bell Crank WASHER, Flat 3/8" HHCS 3/8" x 3/4" UNC	1 1 1	1 1 1	1 1 1	2 2 2	2 2 2
5	300849	WELDMENT, Lever Bracket	1	1	1	2	2
6	305388-02	ROD, Control	—	1	1	1	1
7	305388-01	ROD, Control	1	—	—	1	1
8	305390-01 305389-01 305389-02 SR-7012	WELDMENT, Lever HCA WELDMENT, Lever Winch WELDMENT, Lever CLC WASHER	1 — — 1	— 1 — 1	— — 1 1	1 1 — 1	1 — 1 1
9	107150	CAPSCREW, 1/2" x 1" UNC	1	1	1	1	1
10	208997	SPACER	1	1	1	—	—
11	17824	WELDMENT, Pivot Lever	1	1	1	1	1
12	15752 37256	FITTING, Grease SWITCH, Winch (HCA) KIT, Seal Switch	2 1 1	2 — —	2 — —	2 1 1	2 1 1
13	203472	SWITCH, Winch	—	1	1	1	1
14	16247	TERMINAL	—	1	1	1	1

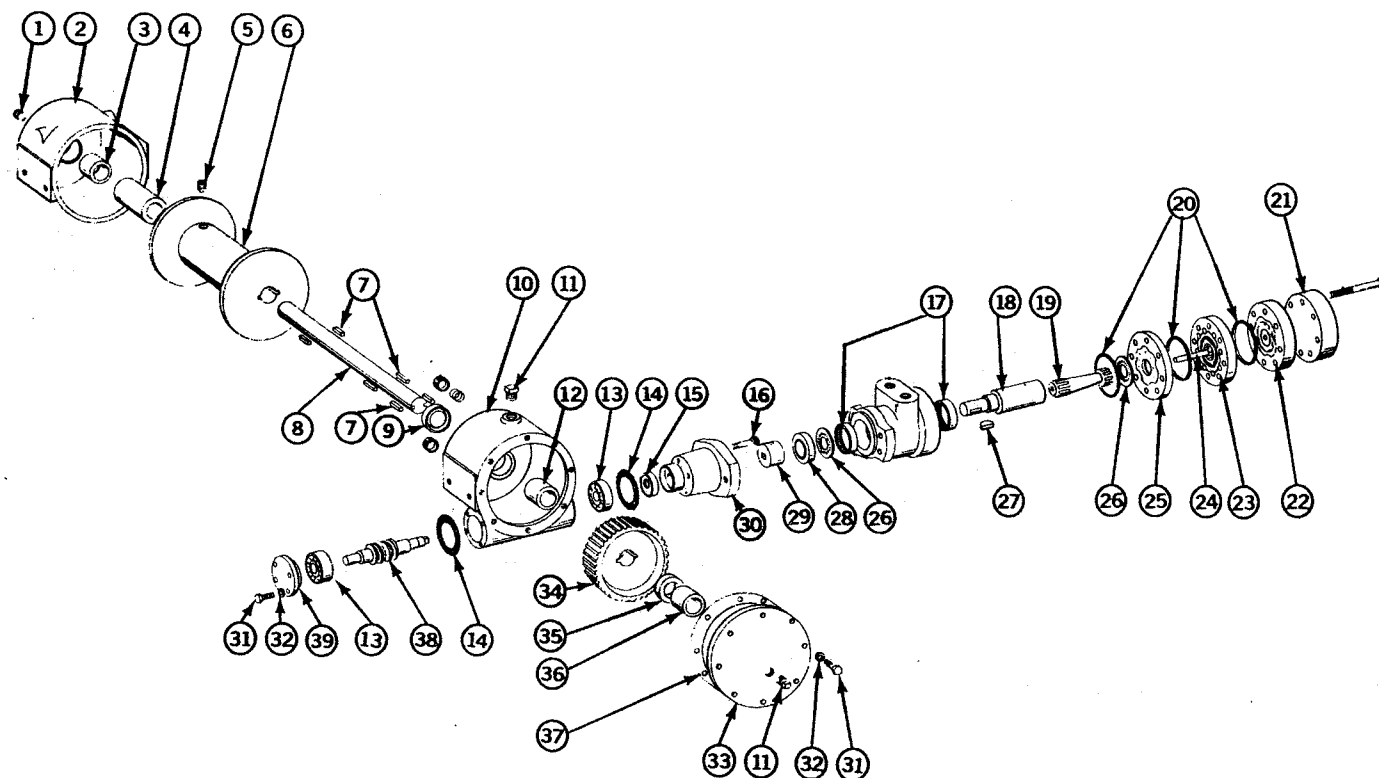
8,000 LB. WINCH



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	201355	BASE, Winch Support	2
2	405310	WELDMENT, Winch Frame	1
3	200727	ANGLE, Winch Mounting, Rear	1
4		CAPSCREW, 1/2" x 1-1/2" UNC	6
5	100357	ASSEMBLY, Winch	1
6	100458	ELBOW	1
7	17718	ELBOW	1
8	305402	ASSEMBLY, Hose	2
9	100356	CONNECTOR	1
10	101770	MOTOR, Winch	1
11	16360	ASSEMBLY, Cable	1

SECTION 9

8,000 LB. WINCH 100375 AND MOTOR 101770



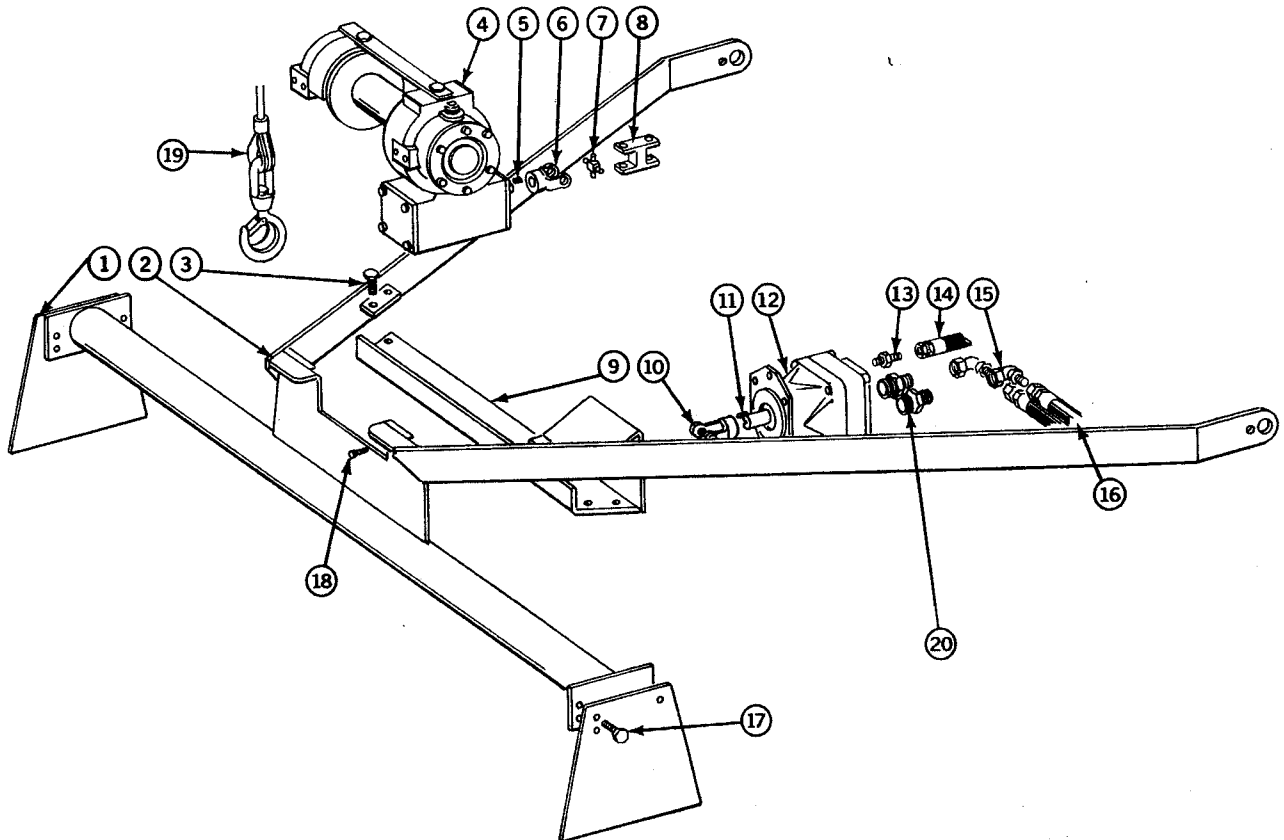
8,000 LB. WINCH 100375 AND MOTOR 101770

REF. NO.	PART NO.	DESCRIPTION	QTY.
1		SCREW, Set 1/4" x 1/2" UNC	1
2	100665	HOUSING	1
3	100674	BUSHING	1
4	100673	COLLAR	1
5		SCREW, Set 3/8" x 1/2" UNC	1
6	100663	DRUM, Cable	
7	100676	KIT, Key	1
8	100669	SHAFT, Cable Drum	1
9		SEAL, Oil (Included In Seal Kit 100680)	
10	102278	CASE, Gear	1
11	102259	PLUG	3
12	100672	BUSHING	1
13	100681	BEARING	2
14		GASKET (Included In Seal Kit 100680)	2
15		SEAL (Included In Seal Kit 100680)	1
	100680	KIT, Gasket & Seal (Includes Items 9, 14, 15, 16, 37)	1
16		SCREW, Cap, Soc. Hd. 1/4" x 1-1/4" UNC	4
17	102265	BEARING, Roller	2
18	100684	SHAFT	1
19	N/A	LINK, Drive	1
20		SEAL (Included In Kit 100682 Items 20 & 28)	3
21	N/A	COVER	1
22	N/A	PLATE, Pressure	1
23	N/A	STATOR, Roller	1
24	N/A	PIN, Aligning	1
25	N/A	PLATE, Wear	1
26	102264	BEARING, Thrust	2
27	102267	KEY, Woodruff	1
28		SEAL, Dust (Included In Kit 100682 Items 20 & 28)	1
29	100675	COUPLER, Motor Shaft	1
30	100666	ADAPTOR, Motor Mount	1
31		SCREW, Cap 1/4" x 3/4" UNC	12
32		WASHER, Lock 1/4"	12
33	100664	COVER, Gear Case	1
34	100668	GEAR	1
35	100679	COLLAR	1
36	100671	BUSHING	1
37		GASKET (Included In Seal Kit 100680)	1
38	100670	WORM, Shaft	1
39	100667	HUB, Bearing	1
	100375	WINCH, Assembly	1
	101770	MOTOR, Assembly	1

12,000 LB. WINCH

NOTE

Units over serial number 8993 may be provided with a 12,000 lb. winch manufactured by Leach Company or another vendor. Be sure and identify the winch manufacturer before ordering parts. Leach manufactured winches may be easily identified by the Leach logo in the worm drive casting.



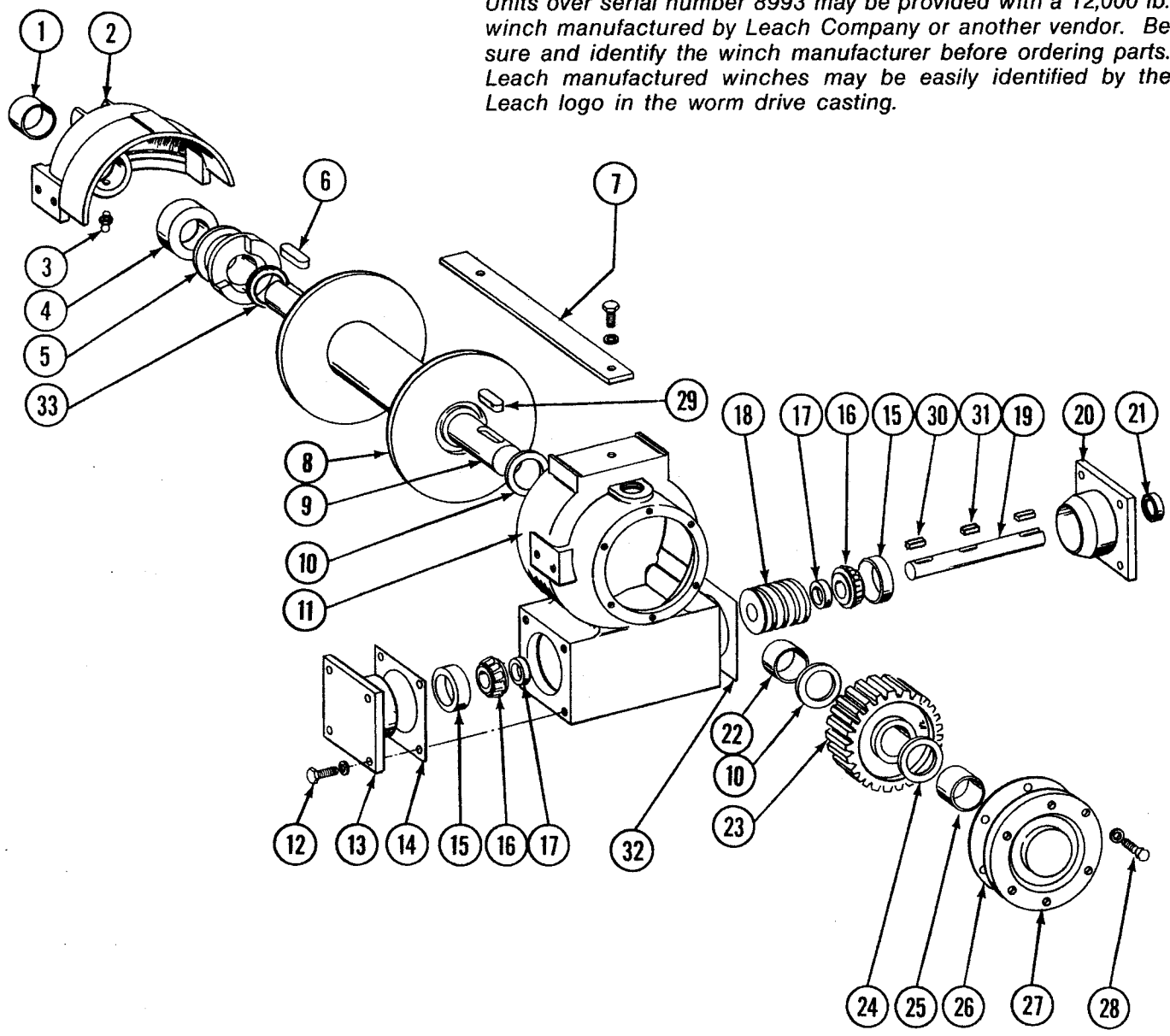
12,000 LB. WINCH

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	201355	BASE, Winch Support	2
2	405313	WELDMENT, Winch Frame	1
3		CAPSCREW, 3/4" x 2" UNC	4
4	16443	ASSEMBLY, Winch	1
5	30017	KEY	1
6	100879	END YOKE	1
7	100878	U-JOINT	2
8	32706	CENTER YOKE	1
9	16524	ANGLE, Winch Mounting	1
10	100902	END YOKE	1
11	11353	KEY	1
12	41260	MOTOR, Winch	1
13	101206	CONNECTOR	1
14	101311-01	HOSE	1
15	18009	ELBOW, Swivel	2
16	305403-01	HOSE	2
17		CAPSCREW, 1/2" x 1-3/4" UNC	4
18		CAPSCREW, 3/8" x 1-3/4" UNC	8
19	16360	ASSEMBLY, Cable	1
20	30010	ADAPTOR	2

12,000 LB. WINCH ASSEMBLY

NOTE

Units over serial number 8993 may be provided with a 12,000 lb. winch manufactured by Leach Company or another vendor. Be sure and identify the winch manufacturer before ordering parts. Leach manufactured winches may be easily identified by the Leach logo in the worm drive casting.

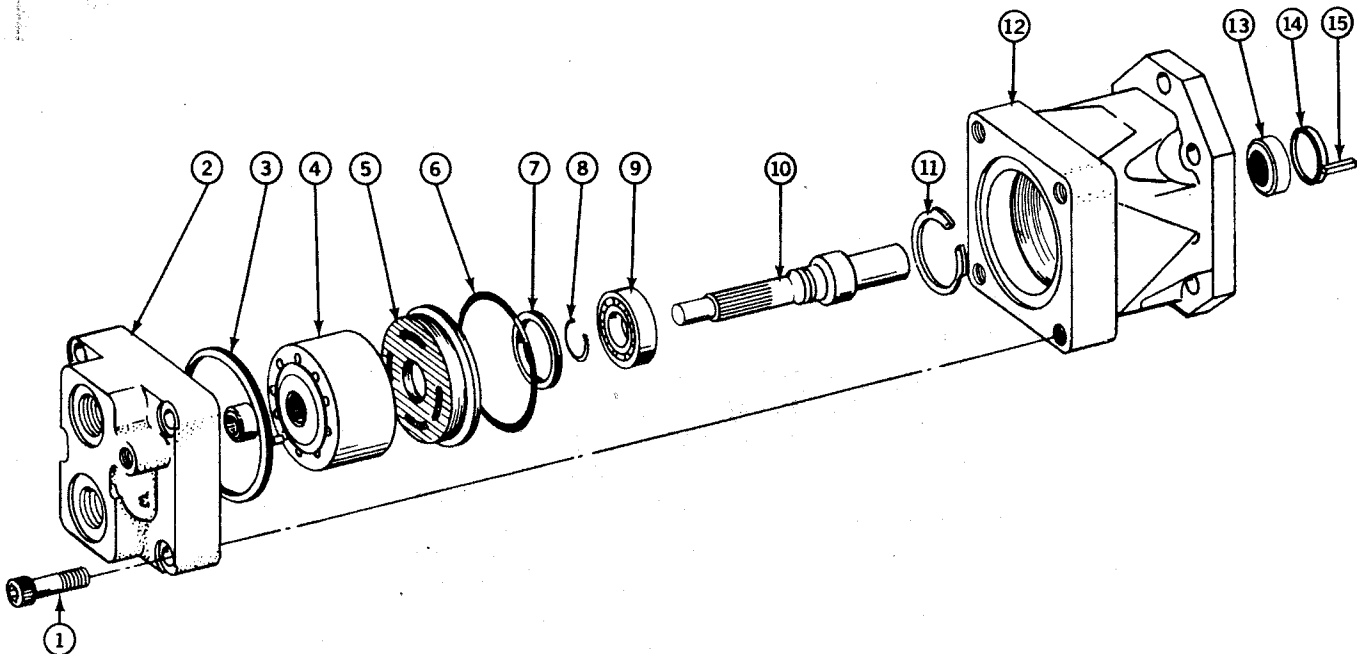


12,000 LB. WINCH ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	30039	BEARING	1
2	31671	BEARING LEG	1
3	16171	FITTING, Grease	1
4	31679	SPACER	1
5	31674	CLUTCH	1
6	30029	KEY	2
7		STRAP, Not Available	1
		SCREW, Cap 1/8" x 1" UNC	10
		WASHER, Lock 3/8"	10
8	31672	DRUM, Cable	1
9	31673	SHAFT	1
10	30040	BUSHING	2
11	30003	HOUSING	1
12		SCREW, Cap, 3/8" x 1-1/4" UNC	4
		WASHER, Lock 3/8"	4
13	30007	CONTAINER, Bearing	1
14	30014	GASKET	1
15	30026	CUP, Bearing	2
16	30025	CONE, Bearing	2
17	30018	SPACER	2
18	30013	WORM	1
19	30011	SHAFT, Worm	1
20	30006	COVER, Bearing	1
21	30023	SEAL	1
22	30019	SPACER	1
23	30012	WORM GEAR	1
24	30016	RACE, Thrust	1
25	30020	BUSHING	1
26	30028	GASKET, Housing Cover	1
27	30004	COVER, Housing	1
28		SCREW, Cap, 5/16" x 7/8" SFE	
29	30030	KEY	1
30	30017	KEY	4
31	30029	KEY	2
32	30027	GASKET	1
33	31675	SPACER, Retaining Ring	1

SECTION 9

HYDRAULIC MOTOR 41260

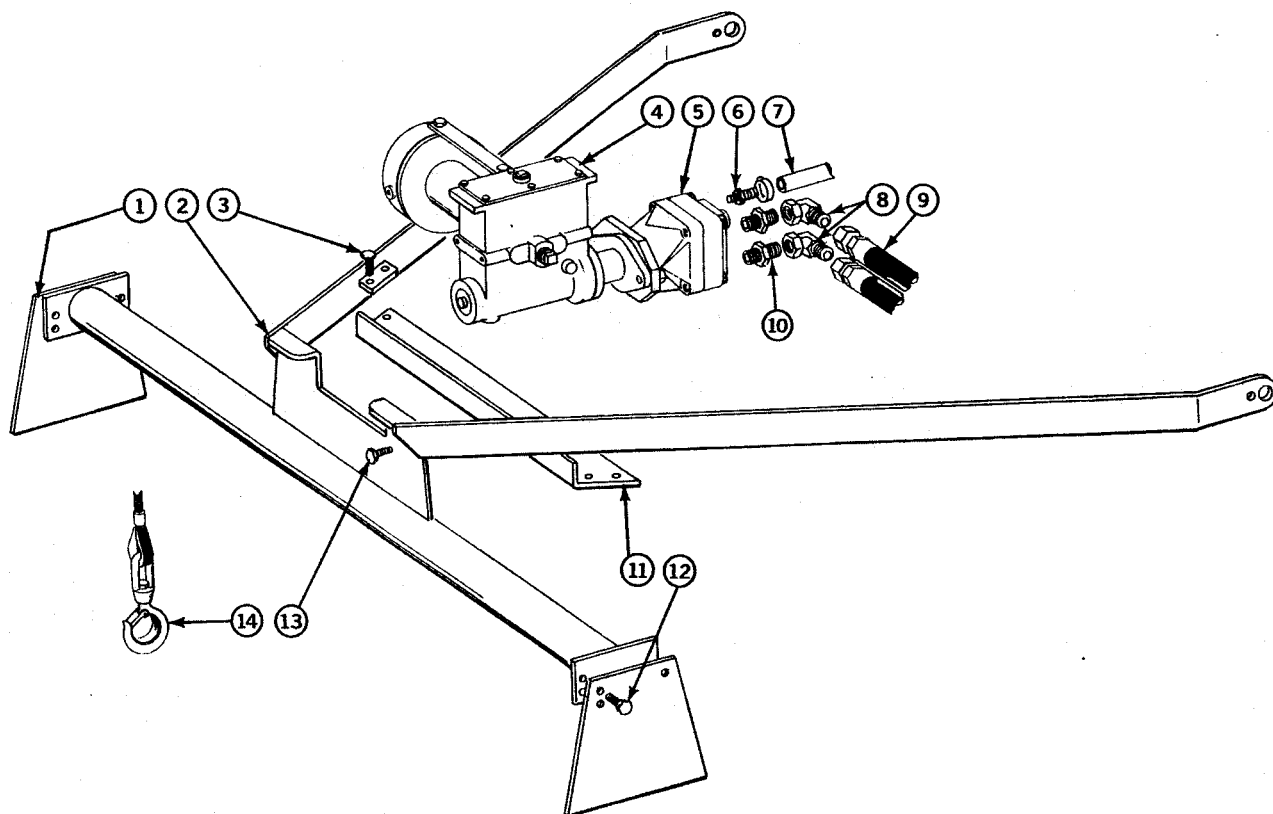


HYDRAULIC MOTOR 41260

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	NA	SCREW, Cap, Soc., 5/8" x 2-3/4" UNC	4
2		END CAP (Not Sold Separately)	1
3		O-RING (Included in Seal Kit 41366)	1
4		CAM RING AND ROTOR ASSEMBLY	1
5		FRONT PLATE Assy.	1
6		O-RING (Included in Seal Kit 41366)	1
7		SEAL (Included in Seal Kit 41366)	1
8	41363	SNAP RING	1
9	41364	BEARING	1
10	NA	SHAFT	1
11	41362	SNAP RING	1
12	NA	BODY (Not Sold Separately)	1
13		SEAL (Included in Seal Kit 41366)	1
14		WIPER (Included in Seal Kit 41366)	1
15	@0139	KEY	1
	41366	KIT, Seal, Includes Items 3, 6, 7, 13, 14	
	41260	MOTOR, Assembly, Denison	

SECTION 9

12,000 LB. WINCH (LEACH)

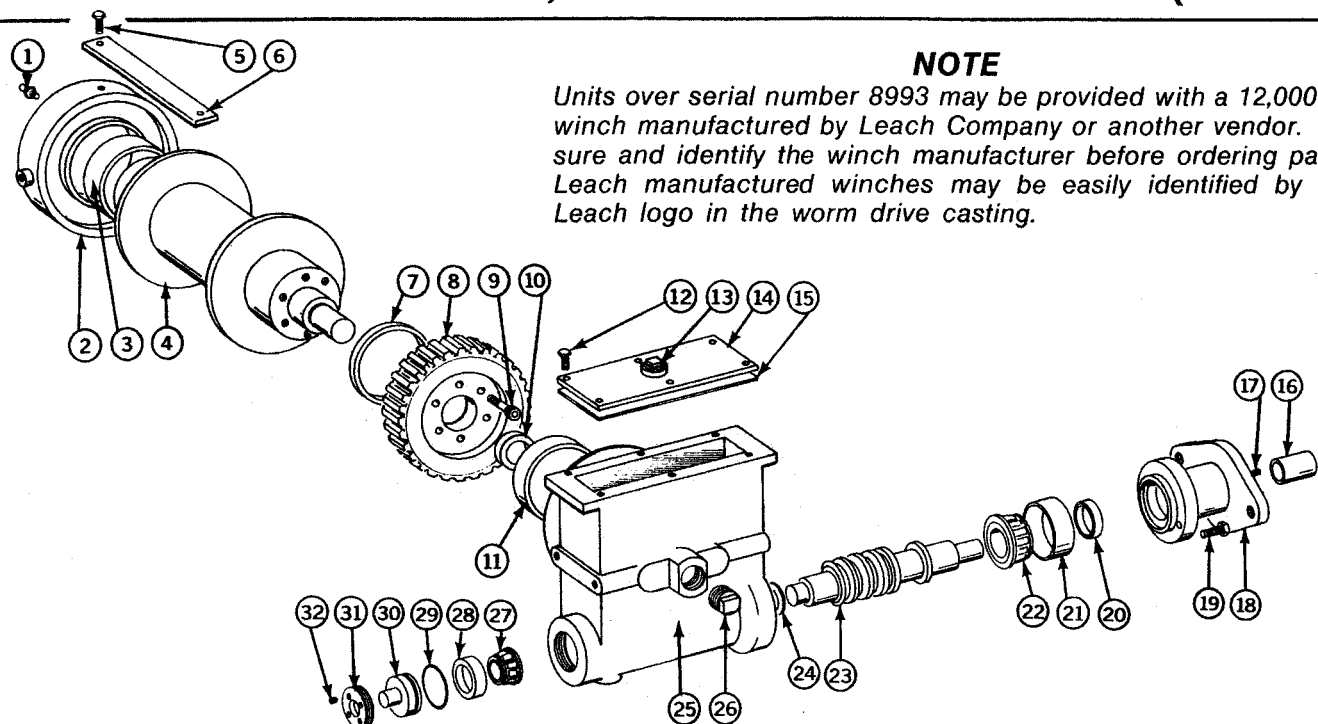


NOTE

Units over serial number 8993 may be provided with a 12,000 lb. winch manufactured by Leach Company or another vendor. Be sure and identify the winch manufacturer before ordering parts. Leach manufactured winches may be easily identified by the Leach logo in the worm drive casting.

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	201355	PLATE, Support Base	2
2	405277	WELDMENT, Winch Frame	1
3		CAPSCREW, 3/4" x 2" UNC	4
4	402286	ASSEMBLY, Winch 12,000 lb. (Leach)	1
5	100597	MOTOR, Hydraulic	1
6	100255	CONNECTOR, Male Barbed	1
7	100258	HOSE, Drain	48"
8	18009	ELBOW, Swivel Nut	2
9	305403-01	ASSEMBLY, Hose	2
10	30010	CONNECTOR, Male	2
11	302632	ANGLE, Front Frame	1
12		CAPSCREW, 1/2" x 1-3/4" UNC	4
13		CAPSCREW, 1/2" x 2-1/2" UNC	3
14	16360	ASSEMBLY, Cable	1

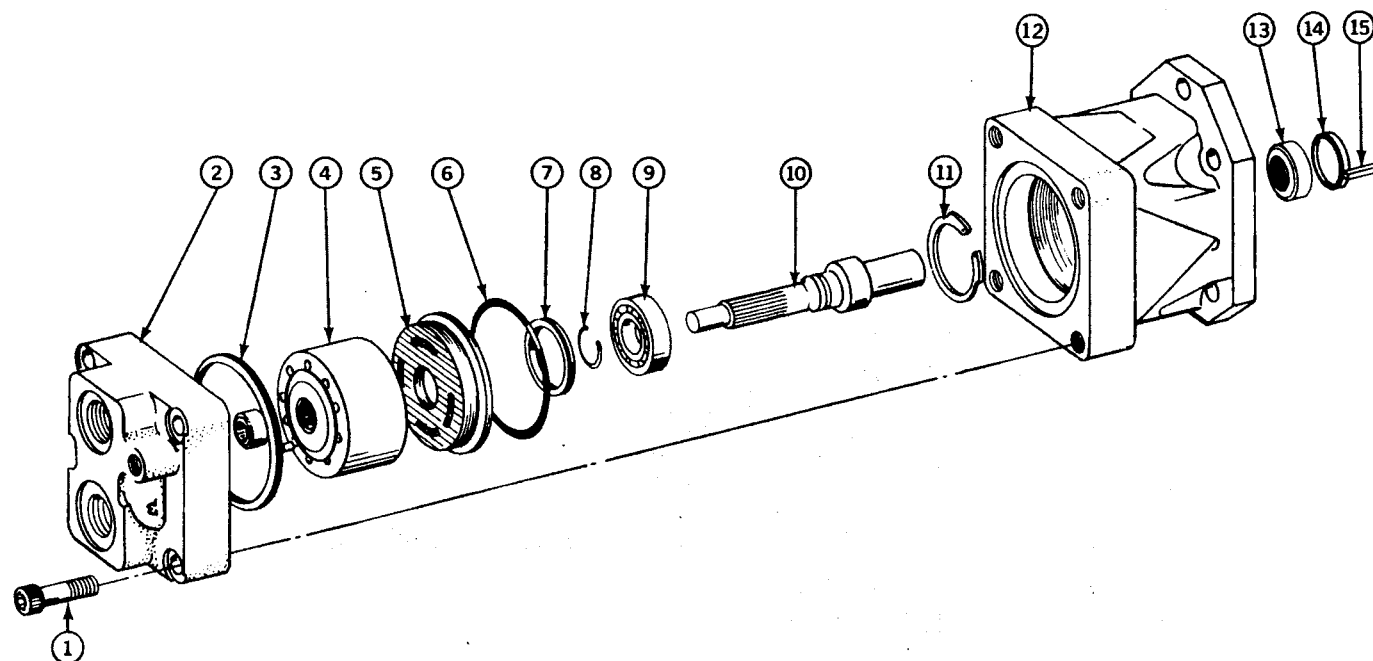
12,000 LB. WINCH ASSEMBLY (LEACH)

**NOTE**

Units over serial number 8993 may be provided with a 12,000 lb. winch manufactured by Leach Company or another vendor. Be sure and identify the winch manufacturer before ordering parts. Leach manufactured winches may be easily identified by the Leach logo in the worm drive casting.

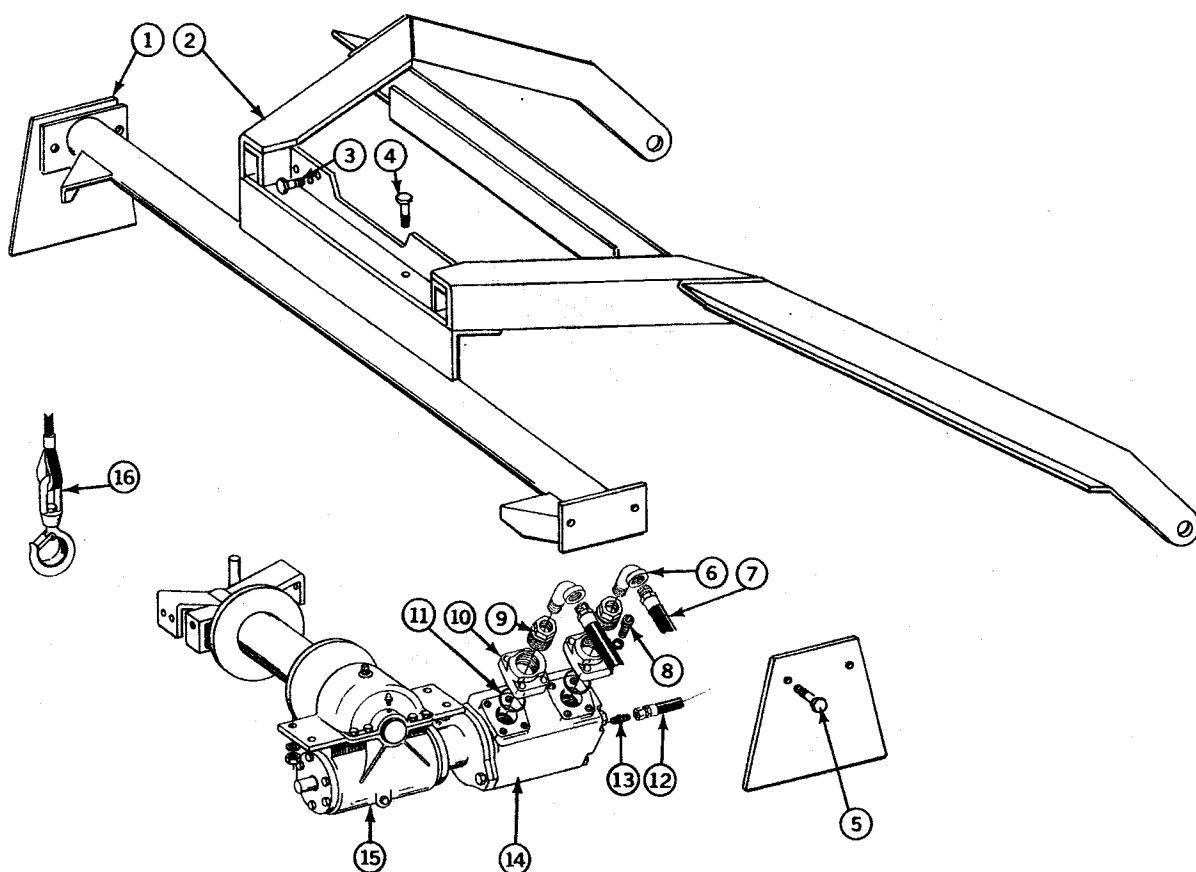
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	16170	FITTING, Grease	1
2	402281	HANGER, Bearing	1
	302067	ASSEMBLY, Bearing Hanger w/Bearing	1
3	203663	BEARING	1
4	302467	ASSEMBLY, Winch Drum	1
5	F0255	CAPSCREW, 3/8" x 3/4" UNC	2
6	206639	BAR	1
7	103013	SEAL, Oil	1
8	302071	GEAR	1
	203678	ASSEMBLY, Gear Includes #11	1
9	F6150	CAPSCREW, Socket Head	6
10	103015	BEARING	1
11	203667	BEARING	1
12		CAPSCREW, 3/8" x 1" UNC	6
13	201094	PLUG, Vented	1
14	201092	WELDMENT, Winch Cover	1
15	40475	GASKET, Winch Cover	1
16	40476	COUPLER	1
17	103016	KEY	1
18	203679	ASSEMBLY, Motor Mount	1
19		CAPSCREW, 1/2" x 1-1/2" UNC	4
20	40574	SEAL	1
21	40578	CUP, Bearing	1
22	40577	CONE, Bearing	1
23	40472	WORM	1
24	203668	SHIM	1
25	402283	HOUSING, Gear	1
	302444	ASSEMBLY, Gear Housing	1
26	@0105	PLUG	1
27	40575	CONE, Bearing	1
28	40576	CUP, Bearing	1
29	105537	O-RING	1
30	206627	SPACER, Bearing	1
31	SR-9159	LOCKNUT, Bearing	1
32	@0095	PLUG, Pipe	1

HYDRAULIC MOTOR 100597



REF. NO.	PART NO.	DESCRIPTION	QTY.
1		SCREW, Cap, Soc., 5/8" x 2-3/4" UNC	4
2	N/A	END, Cap (Not Sold Separately)	1
3		O-RING (Included in Seal Kit 41366)	1
4	102336	CAM RING AND ROTOR ASSEMBLY	1
5		FRONT PLATE ASSEMBLY	1
6		O-RING (Included in Seal Kit 41366)	1
7		SEAL (Included in Seal Kit 41366)	1
8	41363	SNAP RING	1
9	41364	BEARING	1
10	N/A	SHAFT	1
11	41362	SNAP RING	1
12	N/A	BODY (Not Sold Separately)	1
13		SEAL (Included in Seal Kit 41366)	1
14		WIPER (Included in Seal Kit 41366)	1
15	@0139	KEY	1
	41366	KIT, Seal, Includes Items 3, 6, 7, 13, 14	
	100597	MOTOR, Assembly, Denison	

12,000 LB. HEAVY DUTY WINCH

**NOTE**

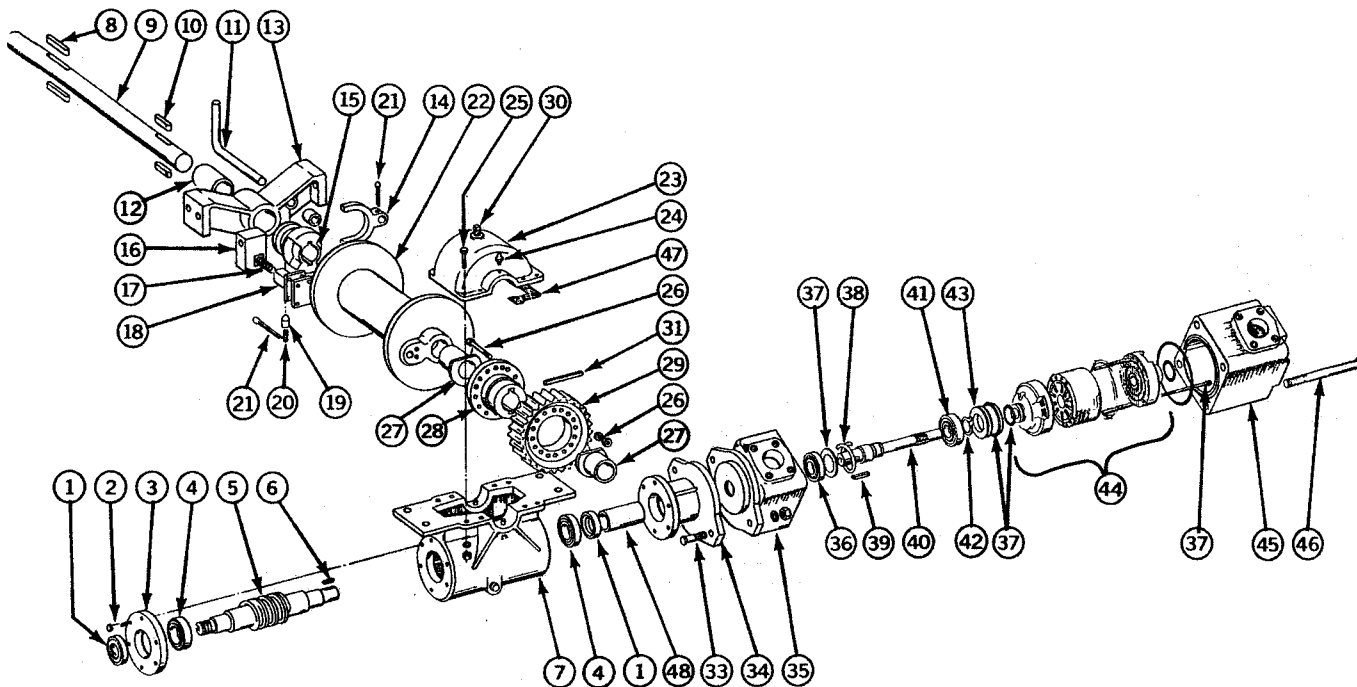
Units over serial number 8993 may be provided with a 12,000 lb. winch manufactured by Leach Company or another vendor. Be sure and identify the winch manufacturer before ordering parts. Leach manufactured winches may be easily identified by the Leach logo in the worm drive casting.

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	201414	BASE, Winch Support	2
2	405315	WELDMENT, Winch Frame	1
3		SCREW, Cap 1/2" x 3" NF	1
4		SCREW, Cap 1/2" x 1-3/4" NF	1
5		SCREW, Cap 3/4" x 2" UNC	4
6	@0015	ELBOW, Street	2
7	305404-01	ASSEMBLY, Hose	2
8	33074	SCREW	8
9	@0158	BUSHING, Pipe	2
10	37193	ADAPTOR	2
11	345-27	O-RING, Motor	2
12	101311-01	HOSE, Motor Drain	1
13	101206	CONNECTOR, Male	1
14	101262	MOTOR, Winch	1
15	35569	ASSEMBLY, Winch w/o Motor	1
16	16360	ASSEMBLY, Cable	1

12,000 LB. HEAVY DUTY WINCH ASSEMBLY & HYDRAULIC MOTOR

NOTE

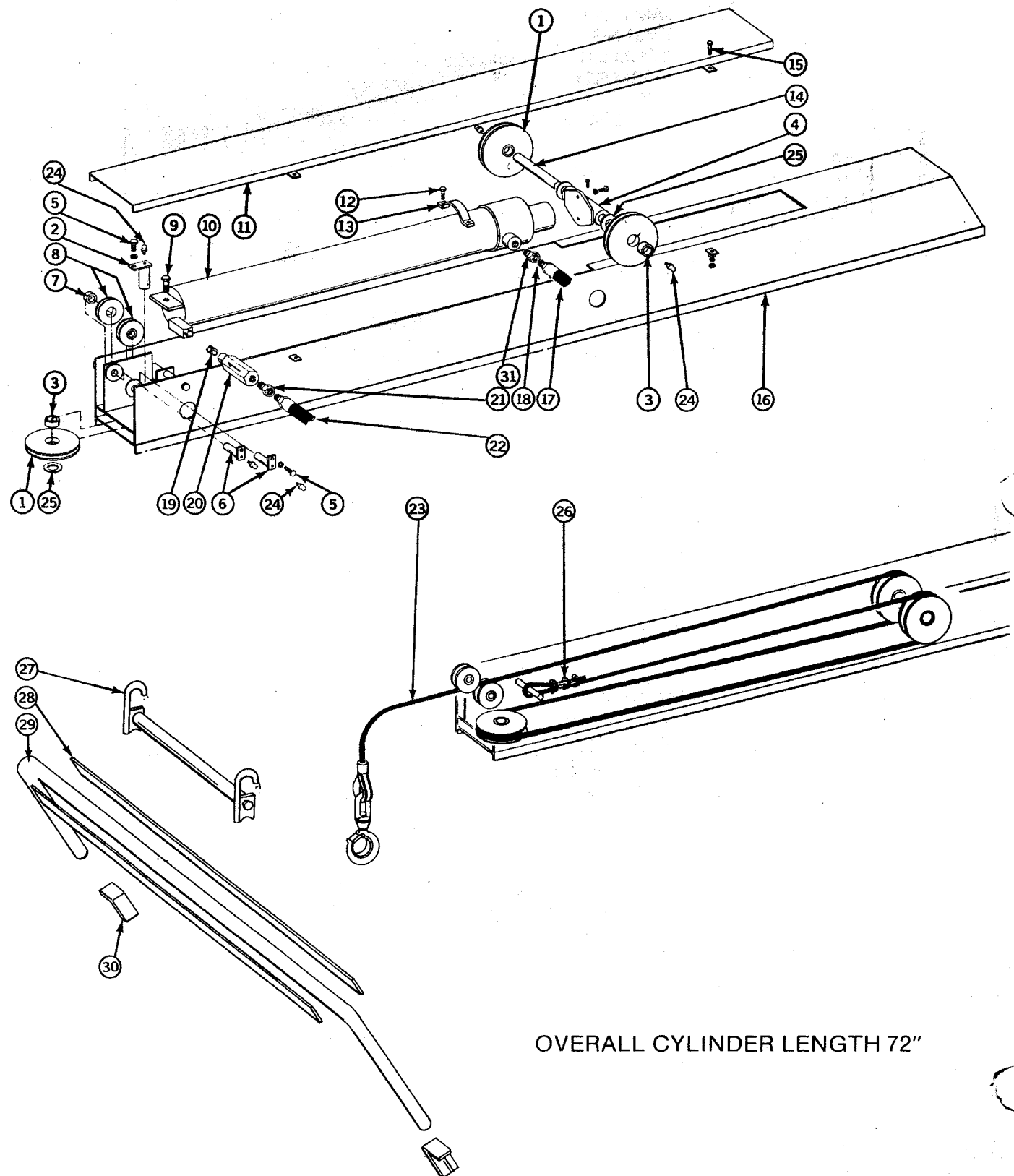
Units over serial number 8993 may be provided with a 12,000 lb. winch manufactured by Leach Company or another vendor. Be sure and identify the winch manufacturer before ordering parts. Leach manufactured winches may be easily identified by the Leach logo in the worm drive casting.



12,000 LB. HEAVY DUTY WINCH ASSEMBLY & HYDRAULIC MOTOR

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	100722	RETAINER, Grease	2
2		SCREW, Cap	12
3	100688	CAM PLATE	2
4	100707	BEARING	2
5	100691	WORM L.H.	1
	100692	WORM R.H.	1
6	100693	KEY	1
7	100694	HOUSING	1
8	100693	KEY	2
9	100695	SHAFT	1
10	100693	KEY	2
11	100696	ROD	1
12	100697	BUSHING	1
13	100698	BRACKET	1
14	100699	YOKE	1
15	100700	CLUTCH	1
16	100701	BRACKET	1
17	100702	SPRING	1
18	100703	BRAKE, Assembly	1
19	100704	POPPET	1
20	100706	SPRING	1
21		PIN, Cotter	2
22	100708	DRUM	1
23	100709	COVER	1
24	21128	FITTING	3
25	20325	SCREW, Cap	16
	20526	WASHER, Lock	5
	20271	NUT	4
26	33469	SCREW, Cap	4
	20526	WASHER, Lock	21
	20271	NUT	20
27	100711	BUSHING	2
28	100712	CARRIER, Gear	1
29	100714	GEAR R.H.	1
	100713	GEAR L.H.	1
30	100715	BREATHER	1
31	101210	PIN, Roll	1
33		SCREW, Cap	2
34	100710	MOUNTING, Flange	1
	26622	GASKET	1
35	NA	HOUSING, Front	1
36	102089	SEAL, Shaft	1
37	100720	KIT, O-Ring	5
38	102095	BEARING, Ring Retaining	1
39	100717	KEY	1
40	100718	SHAFT	1
41	102094	BEARING	1
42	100719	RING, Snap	1
43	102096	HUB Adaptor	1
44	100721	MOTOR, Cartridge	1
45	NA	BODY	1
46		SCREW, Cap	4
47	102079	GASKET	2
48	101159	COUPLER	1
49	26622	GASKET	1
	101262	WINCH, Motor	1

CONTAINER LIFTING DEVICE 72"



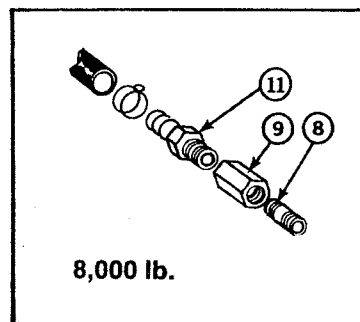
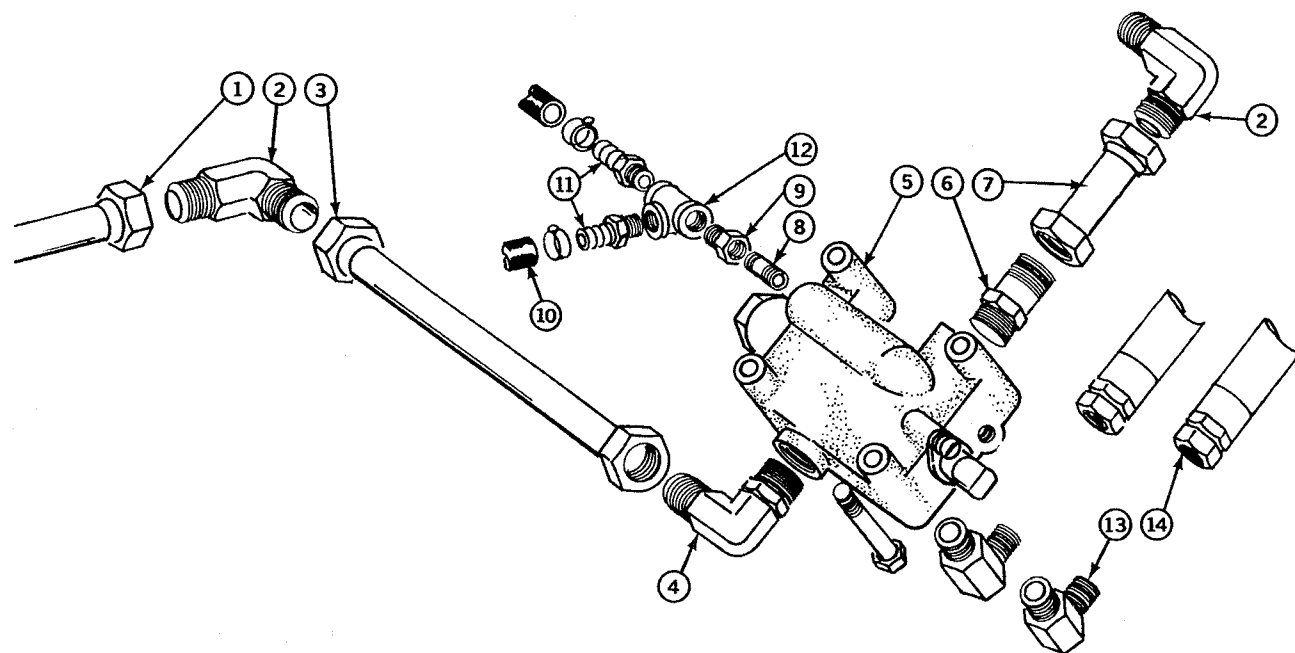
OVERALL CYLINDER LENGTH 72"

CONTAINER LIFTING DEVICE 72"

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	301451	SHEAVE Assy., Large	3
2	202988	PIN, Sheave, Large, Chrome	1
3	101701	BUSHING, Large	3
4	202516	END, Cylinder Rod	1
5		SCREW, Cap 1/4" x 3/4" UNC	3
		WASHER, Lock 1/4"	3
6	202989	PIN, Sheave, Small, Chrome	2
7	101702	BUSHING, Small	2
8	202218	SHEAVE Assy., Small	2
9		SCREW, Cap 3/4" x 2" UNC	1
		WASHER, Lock 3/4"	1
		NUT, 3/4" UNC	1
10	402087	CYLINDER, Piston Winch	1
11	301921	COVER	1
12		SCREW, Cap 1/2" x 1 - 1/4" UNC	2
		WASHER, Lock 1/2"	2
13	41861	STRAP	1
14	202967	PIN, Piston Sheave, Chrome	1
15		SCREW, Cap 5/16" x 7/8" UNC	4
		WASHER, Flat 5/16"	8
		WASHER, Lock 5/16"	4
		NUT, 5/16" UNC	4
16	402088	ENCLOSURE, Weldment	1
17	305481-02	HOSE, Assy.	1
18	102533	ADAPTER	1
19	35637	NIPPLE, Close 1"	1
20	101912	VALVE, In Line Check	1
21	15697	ADAPTER	2
22	305481-01	HOSE, Assy.	1
23	301803	CABLE	1
24	16170	ZERK, Grease	5
25	101864	WASHER, Thrust	3
26	100308	CLAMP	3
27	202748	ASSEMBLY, Roller Guide	1
	201532	WELDMENT, Roller	1
	201578	WELDMENT, Capscrew	1
	202747	WELDMENT, Roller Mount	1
28	202863	BAR, Roller Support	2
29	301880	WELDMENT, Roller Support	1
	402048	GUIDE, Roller, Assy. Includes Items 27, 28, 29	
	301925	CONTAINER Lifting Device, Enclosure With Cylinder and Sheaves	1
30	202717	BRACKET, Angle, LH	1
	202716	BRACKET, Angle, RH	1
31	16115	CONNECTOR	1

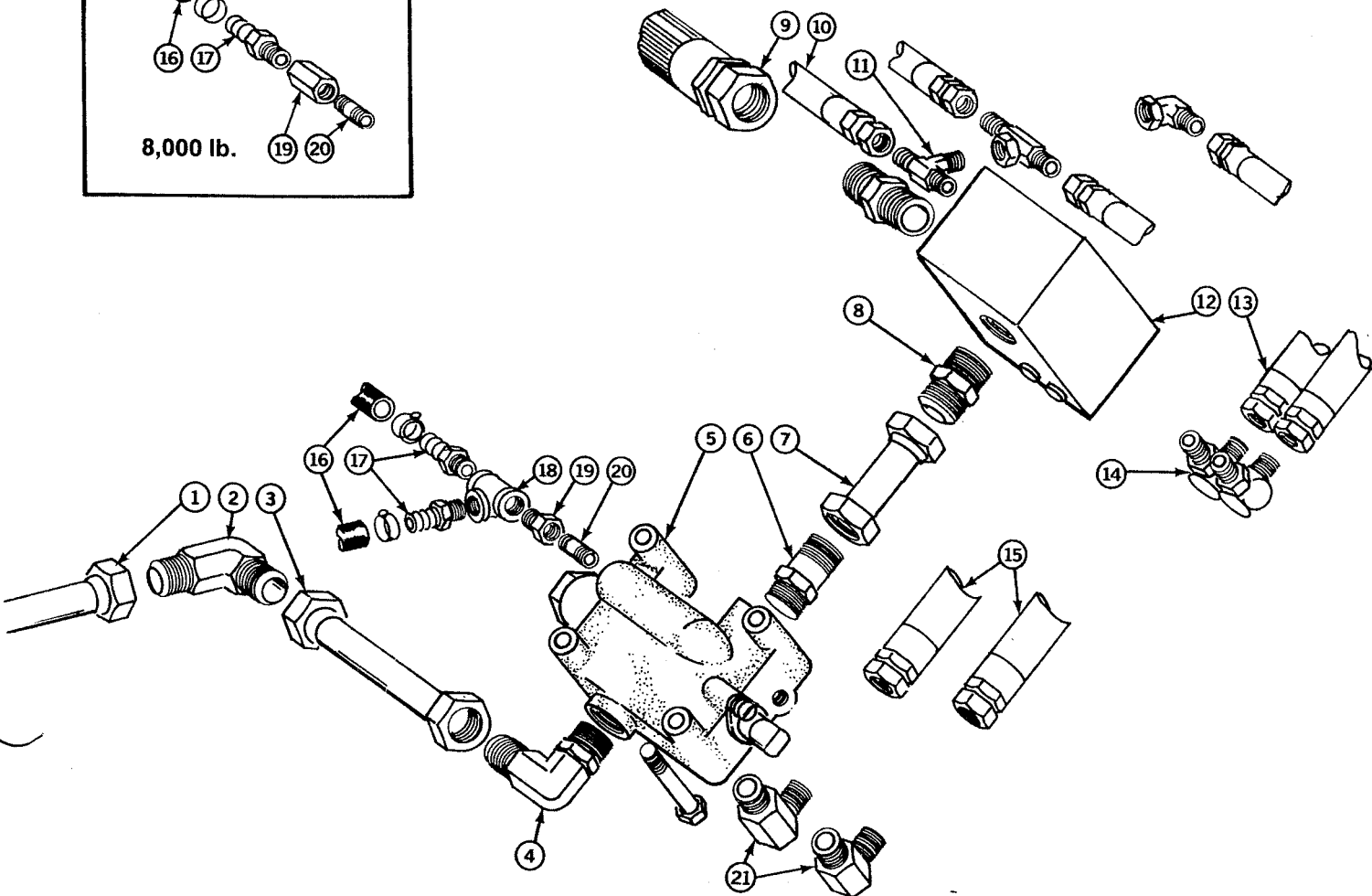
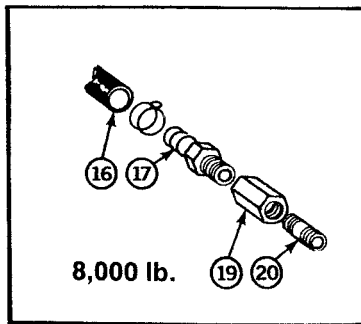
SECTION 9

WINCH TUBING



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	305351-01	TUBE 1.25	1
2	16121	ELBOW	2
3	305351-04	TUBE 1.25	1
4	16119	ELBOW	1
5	15827	ASSEMBLY, Valve	1
6	16227	CONNECTOR	1
7	305351-03	TUBE 1.25	1
8	20628	NIPPLE, Pipe	1
9	107260	REDUCER, Pipe	1
10	100258	HOSE, Drain	As Req.
11	100255	CONNECTOR, Male Barbed	2
12	102568	TEE, Street	1
13	18008	ELBOW, 90°	2
14	305402-01	HOSE, 8,000 lb. Winch	2
	305403-01	HOSE, 12,000 lb. Winch	2
	305403-01	HOSE, 12,000 lb. Winch [Leach]	2
	305404-01	HOSE, 12,000 lb. Winch (H.D.)	2

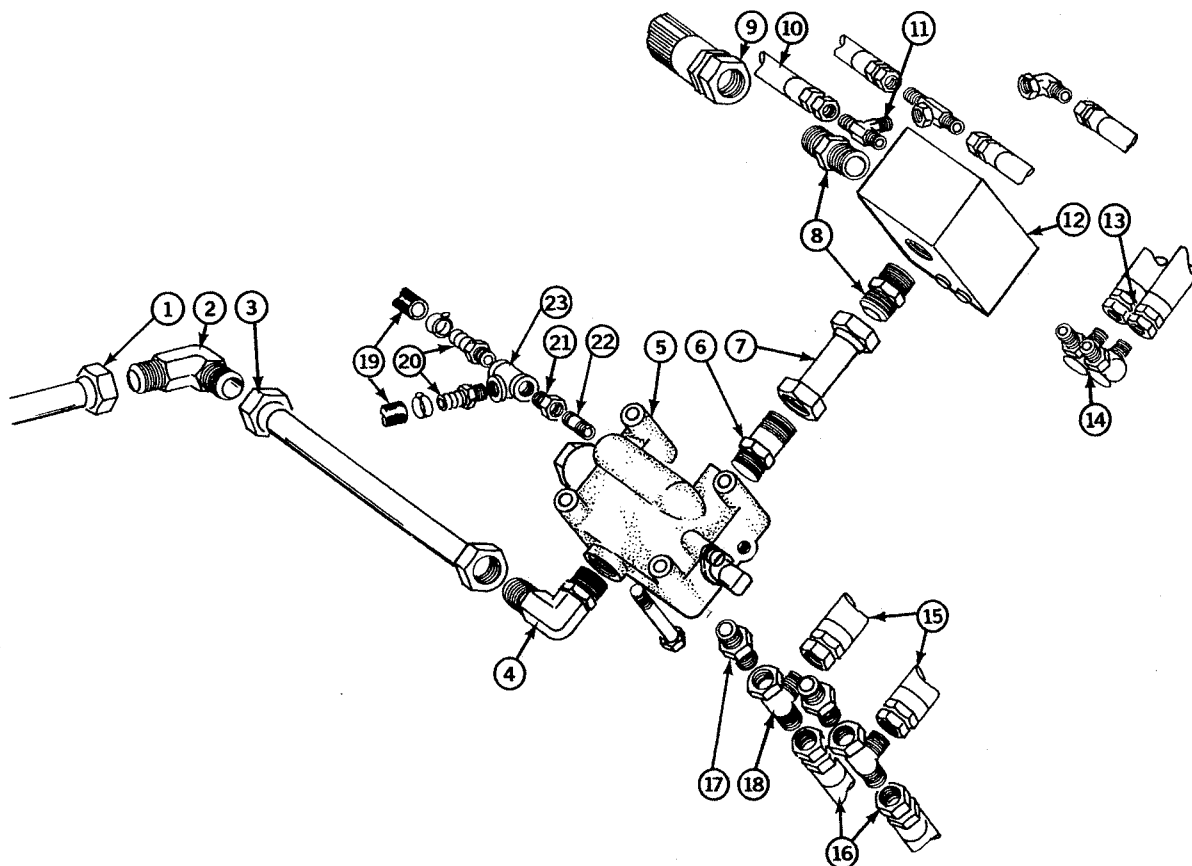
WINCH/TIPPER TUBING



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	305351-01	TUBE	1
2	16121	ELBOW	1
3	305351-04	TUBE	1
4	16119	ELBOW	1
5	15827	VALVE	1
6	16227	CONNECTOR	1
7	305351-03	TUBE	1
8	16223	CONNECTOR	2
9	100883	HOSE	1
10	101160	HOSE	1
11	102872	TEE	1
12	101204	VALVE, Tipper Flow Diverter	1
13	305439-01	HOSE	2
14	101207	ELBOW	2
15		HOSE: Refer To Winch Motor	2
16	100258	HOSE, Drain	2
17	100255	CONNECTOR, Barbed	2
18	102568	TEE	1
19	107260	REDUCER	1
20	20628	NIPPLE	1
21	18008	ELBOW	2

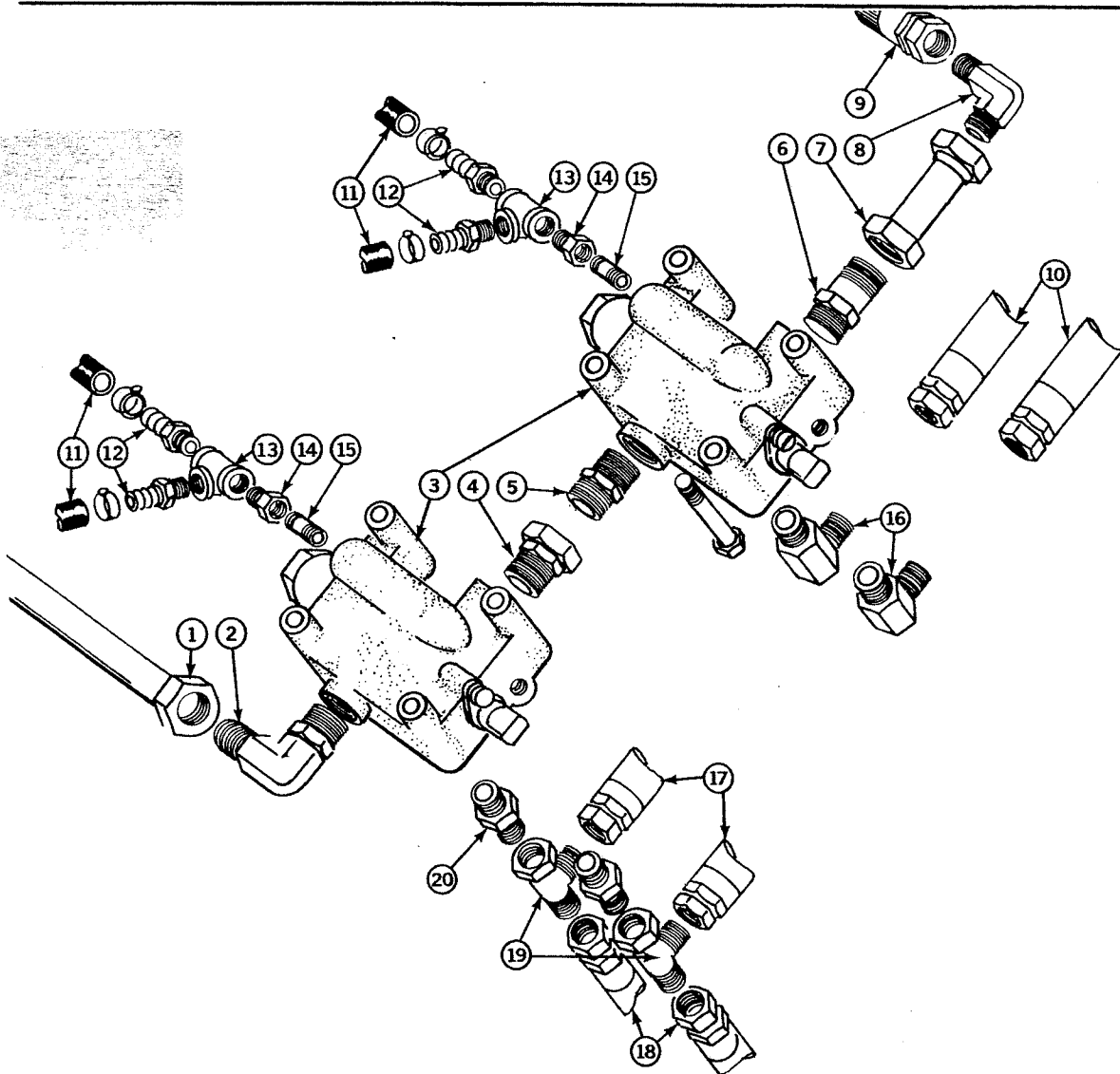
SECTION 9

HCA/TIPPER H-FRAME TUBING



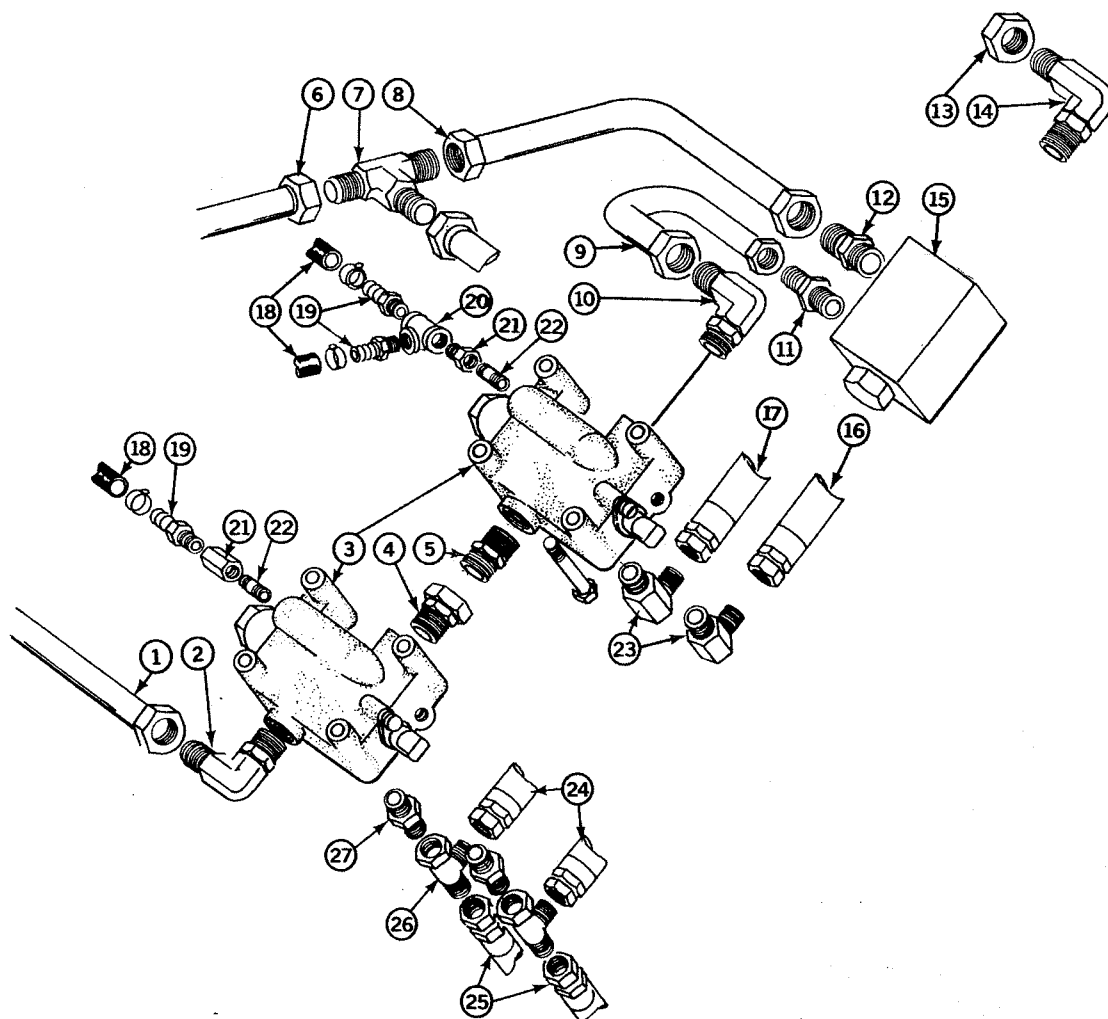
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	305351-01	TUBE	1
2	16121	ELBOW	1
3	405246	TUBE	1
4	16119	ELBOW	1
5	15827	VALVE	1
6	16227	CONNECTOR	1
7	305351-02	TUBE	1
8	16223	CONNECTOR	2
9	100883	HOSE	1
10	101160	HOSE	1
11	102872	TEE	1
12	101204	VALVE, Tipper Flow Diverter	1
13	305439-01	HOSE	2
14	101207	ELBOW	2
15	305401-01	HOSE (Passenger Side)	2
16	305401-02	HOSE (Driver Side)	2
17	18258	CONNECTOR	2
18	17714	TEE, Swivel	2
19	100258	HOSE, Drain	2
20	100255	CONNECTOR, Barbed	1
21	10720	REDUCER	1
22	20628	NIPPLE, Pipe	1

HCA/8,000 LB. WINCH TUBING



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	405246	TUBE	1
2	16119	ELBOW	1
3	15827	VALVE	2
4	103621	CONNECTOR, Swivel	1
5	30010	CONNECTOR, Straight	1
6	16227	CONNECTOR	1
7	305351-03	TUBE	1
8	16121	ELBOW	1
9	100883	HOSE	1
10	305402-01	HOSE	2
11	100258	HOSE, Drain	3
12	100255	CONNECTOR, Barbed	4
13	102568	TEE	2
14	107260	REDUCER	2
15	20628	NIPPLE, Pipe	2
16	100185	ELBOW	2
17	305401-01	HOSE	2
18	305401-02	HOSE	2
19	17714	TEE	2
20	18258	CONNECTOR	2

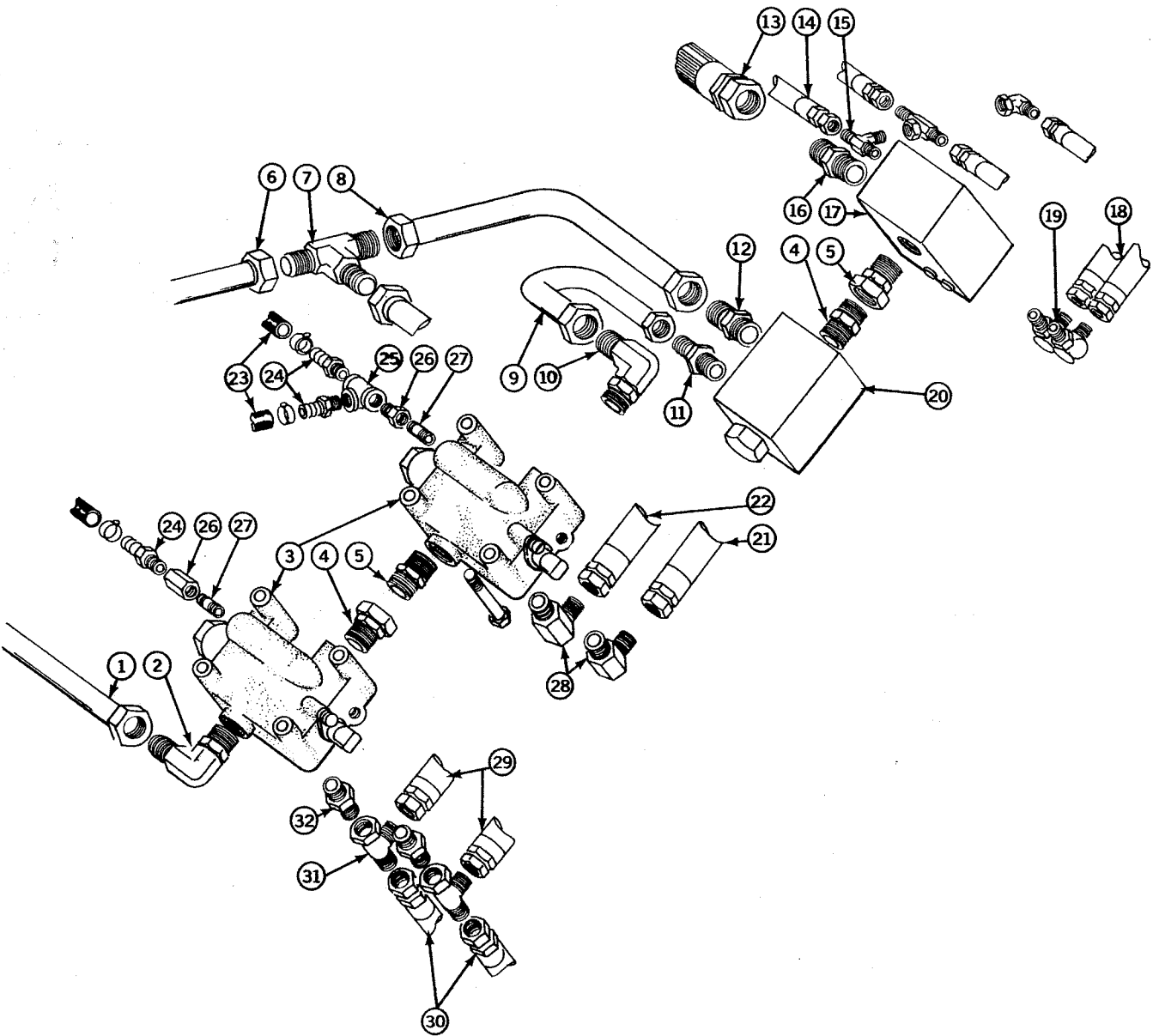
HCA/CLC TUBING



HCA/CLC TUBING

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	405246	TUBE	1
2	16119	ELBOW	1
3	15827	VALVE	2
4	103621	CONNECTOR, Swivel	1
5	30010	CONNECTOR, Straight	1
6	305351-01	TUBE	1
7	16224	TEE	1
8	405250-01	TUBE	1
9	305377	TUBE	1
10	18008	ELBOW	1
11	16115	CONNECTOR	1
12	16227	CONNECTOR	1
13	100883	HOSE	1
14	16226	ELBOW	1
15	101868	VALVE, CLC Flow Regulator	1
16	305481-01	HOSE	1
17	305481-02	DRAIN	1
18	100258	HOSE, Drain	2
19	100255	CONNECTOR, Barbed	3
20	102588	TEE	1
21	107260	REDUCER	2
22	20628	NIPPLE	2
23	18008	ELBOW	2
24	305401-01	HOSE (Passenger Side)	2
25	305401-02	HOSE (Driver Side)	2
26	17714	TEE, Swivel	2
27	18258	CONNECTOR	2

HCA/CLC/TIPPERS

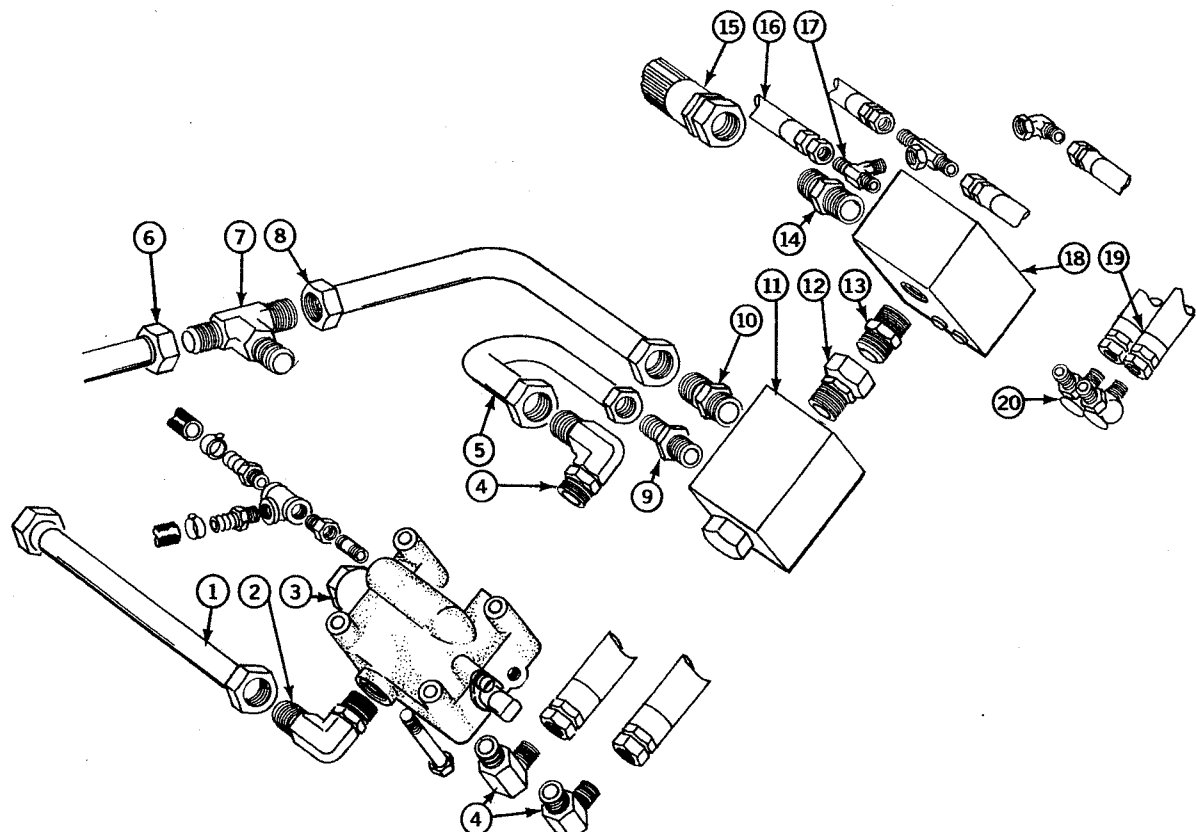


HCA/CLC/TIPPERS

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	405246	TUBE	1
2	16119	ELBOW	1
3	15827	VALVE	2
4	103621	CONNECTOR, Swivel	2
5	30010	CONNECTOR, Straight	2
6	305351-01	TUBE	1
7	16224	TEE, Union	1
8	405250-01	TUBE	1
9	305377	TUBE	1
10	18008	ELBOW	1
11	16115	CONNECTOR	1
12	16227	CONNECTOR	1
13	100883	HOSE	1
14	101160	HOSE	1
15	102872	TEE	1
16	16223	CONNECTOR	1
17	101204	VALVE, Tipper Flow Diverter	1
18	305439-01	HOSE	2
19	101207	ELBOW	2
20	101868	VALVE, CLC Flow Regulator	1
21	305481-01	HOSE	1
22	305481-02	HOSE	1
23	100258	HOSE, Drain	2
24	100255	CONNECTOR, Barbed	3
25	102568	TEE	1
26	107260	REDUCER	2
27	20628	NIPPLE	2
28	18008	ELBOW	2
29	305401-01	HOSE (Passenger Side)	2
30	305401-02	HOSE (Driver Side)	2
31	17714	TEE, Swivel	2
32	18258	CONNECTOR	2

SECTION 9

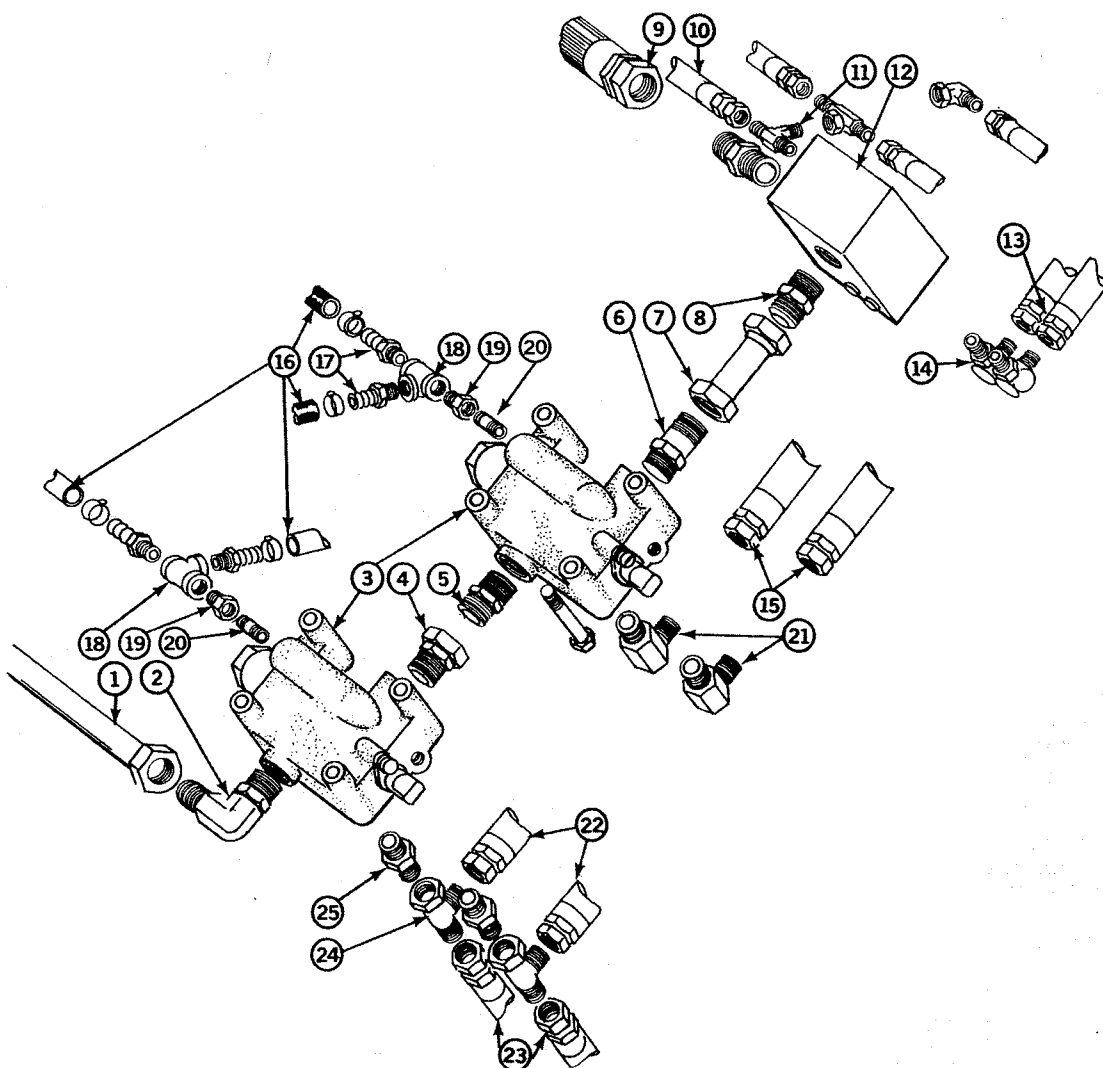
CLC/TIPPER TUBING



CLC/TIPPER TUBING

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	305351-04	TUBE	1
2	16119	ELBOW	1
3	15827	VALVE	1
4	18008	ELBOW	1
5	305377	TUBE	1
6	305351-01	TUBE	1
7	16224	TEE	1
8	405250-01	TUBE	1
9	16115	CONNECTOR	1
10	16227	CONNECTOR	1
11	101868	VALVE, CLC Flow Regulator	1
12	103621	CONNECTOR, Swivel	1
13	30010	CONNECTOR, Straight	1
14	16223	CONNECTOR	1
15	100883	HOSE	1
16	101160	HOSE	1
17	102872	TEE	1
18	101204	VALVE, Tipper Flow Diverter	1
19	305439-01	HOSE	2
20	101207	ELBOW	2
21	305481-01	HOSE	1
22	305481-02	HOSE	1
23	100258	HOSE, Drain	1
24	100255	CONNECTOR, Barbed	1
25	107260	REDUCER	1
26	20628	CONNECTOR	1

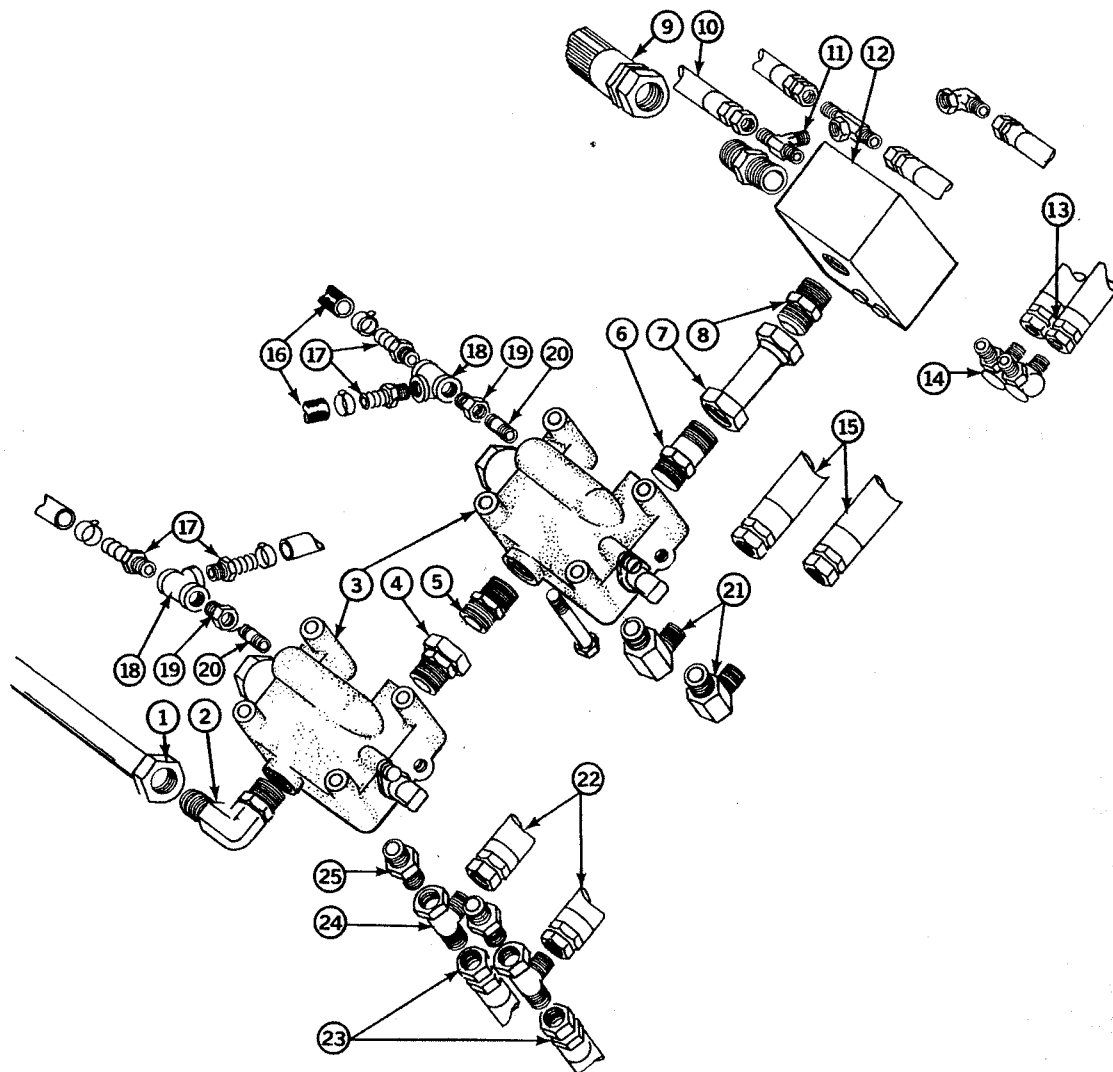
HCA/8,000 LB. WINCH/TIPPER



HCA/8,000 LB. WINCH/TIPPER

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	405246	TUBE	1
2	16119	ELBOW	1
3	15827	VALVE	2
4	103621	CONNECTOR, Swivel	1
5	30010	CONNECTOR, Straight	1
6	16227	CONNECTOR	1
7	305351-03	TUBE	1
8	16223	CONNECTOR	2
9	100883	HOSE	1
10	101160	HOSE	1
11	102872	TEE	1
12	101204	VALVE, Tipper Flow Diverter	1
13	305439-01	HOSE	2
14	101207	ELBOW	2
15	305402-01	HOSE	2
16	100258	HOSE, Drain	3
17	100255	CONNECTOR, Barbed	4
18	102568	TEE	2
19	107260	REDUCER	2
20	20628	NIPPLE	2
21	100185	ELBOW	2
22	305401-01	HOSE	2
23	305401-02	HOSE	2
24	17714	TEE	2
25	18258	CONNECTOR	2

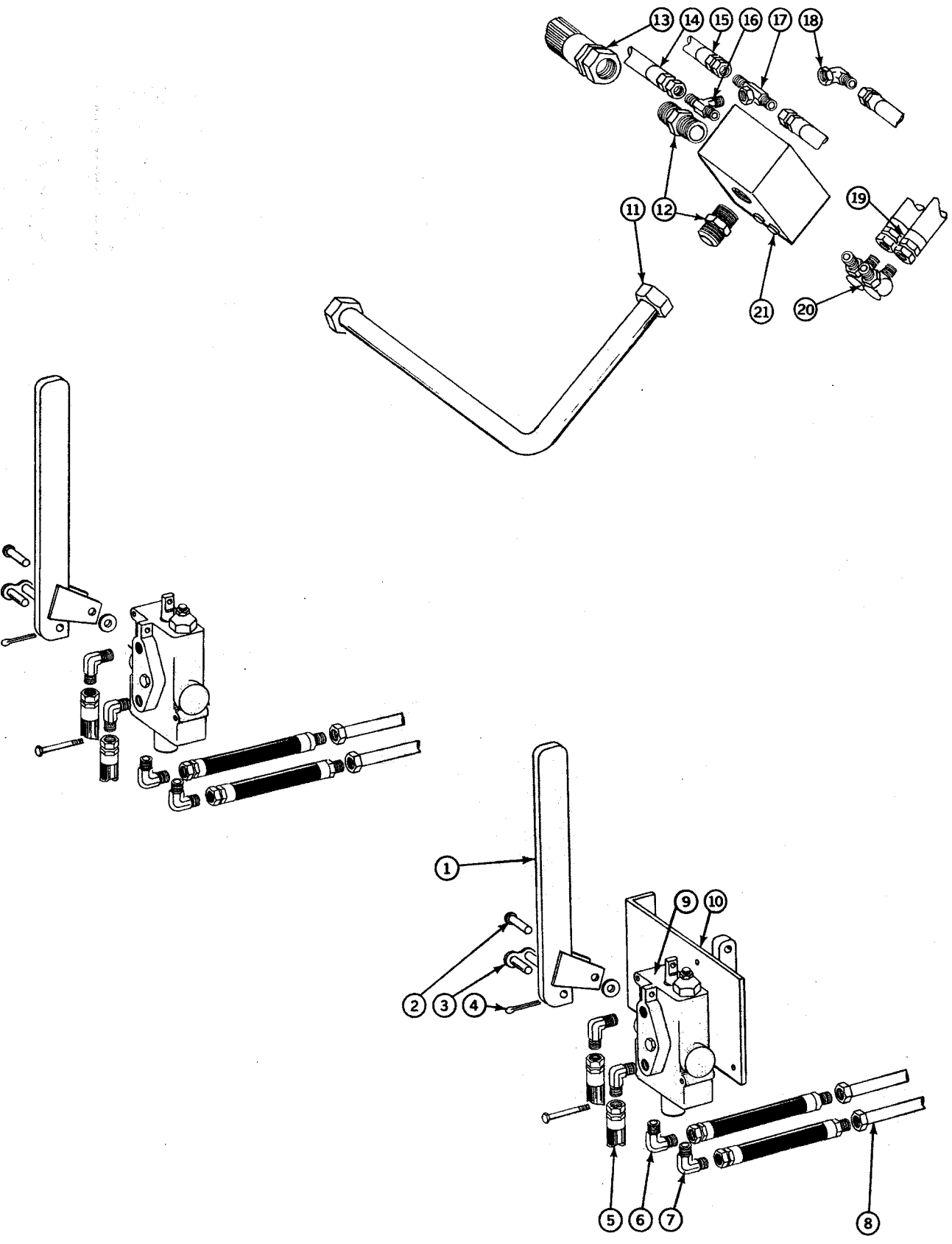
HCA/12,000 LB. WINCH/TIPPER TUBING



HCA/12,000 LB. WINCH/TIPPER TUBING

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	405246	TUBE	1
2	16119	ELBOW	1
3	15827	VALVE	2
4	103621	CONNECTOR, Swivel	1
5	30010	CONNECTOR, Straight	1
6	16227	CONNECTOR	1
7	305351-03	TUBE	1
8	16223	CONNECTOR	2
9	100883	HOSE	1
10	101160	HOSE	1
11	102872	TEE	1
12	101204	VALVE, Tipper Flow Divertor	1
13	305439-01	HOSE	2
14	101207	ELBOW	2
15	305402-01	HOSE	2
16	100258	HOSE, Drain	3
17	100255	CONNECTOR, Barbed	4
18	102568	TEE	2
19	107260	REDUCER	2
20	20628	NIPPLE	2
21	18008	ELBOW	2
22	305401-01	HOSE	2
23	305401-02	HOSE	2
24	17714	TEE	2
25	18258	CONNECTOR	2

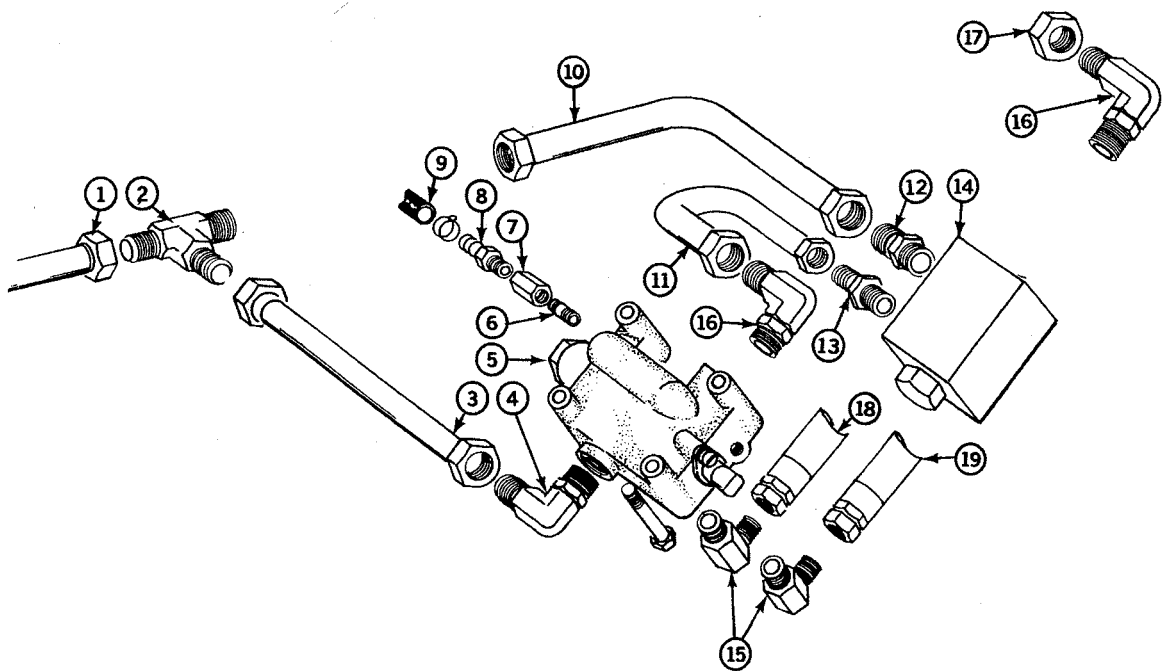
TIPPER HYDRAULICS



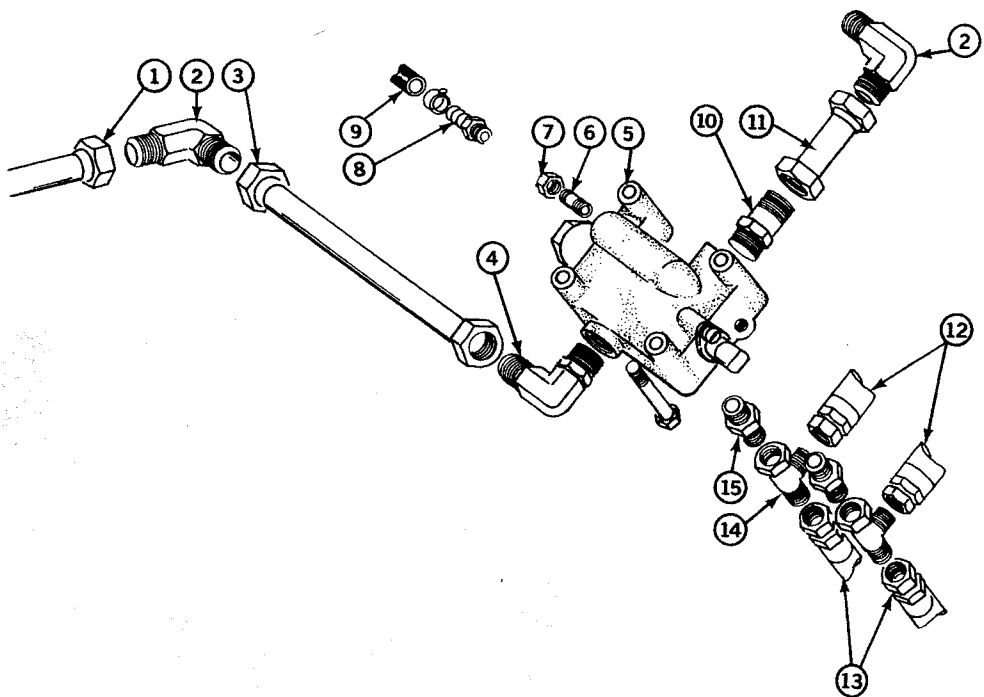
TIPPER HYDRAULICS

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	209072	WELDMENT, Control Valve Handle	1 — 2
2	2722-0305	PIN, Handle	1 — 2
3	2527-0009A	ASSEMBLY, Link	1 — 2
4	F6675	PIN, Cotter	1 — 2
5	305438-01	ASSEMBLY, Hose	2 — 4
6	100553	ELBOW	4 — 8
7	305452-01	ASSEMBLY, Hose	2 — 4
8	305448-01	ASSEMBLY, Tube	2 — 4
9	305441	WELDMENT, Valve Bracket	1 — 1
	305442	WELDMENT, Valve Bracket, L.H.	0 — 1
10	102865	VALVE (Does Not Include Handle Or Conn. Pins)	1 — 2
	105630	KIT, Seal w/Spring and Retainer	1 — 2
		KIT INCLUDES:	
		KIT SEAL (Seal Kit N/A)	
		KIT, FLOAT (Retainer Only N/A)	
11	405250-02	ASSEMBLY, Tube (Used If Tipper Only Option)	1 — 1
		ADDITIONAL OPTIONS:	
		Refer To Option Hydraulics	
12	16223	CONNECTOR	2 — 2
13	100883	ASSEMBLY, Hose	1 — 1
14	101160	ASSEMBLY, Hose, TOV Drain	1 — 1
15	305439-02	ASSEMBLY, Hose	0 — 2
16	102872	TEE	1 — 1
17	107259	TEE, Swivel	0 — 1
18	101207	ELBOW	1 — 0
19	305439-01	ASSEMBLY, Hose	2 — 2
20	39727	ELBOW	1 — 2
21	101204	VALVE, Tipper Lift	1 — 1
	102646	FLOW, Regulator 1.4 GPM	1 — 2
	102647	FLOW, Regulator 2.5 GPM	1 — 2
	102648	FLOW, Regulator 3.5 GPM	1 — 2
	100975	PLUG (Use w/Single Tipper)	1 — 0

CONTAINER LIFT CYLINDER TUBING

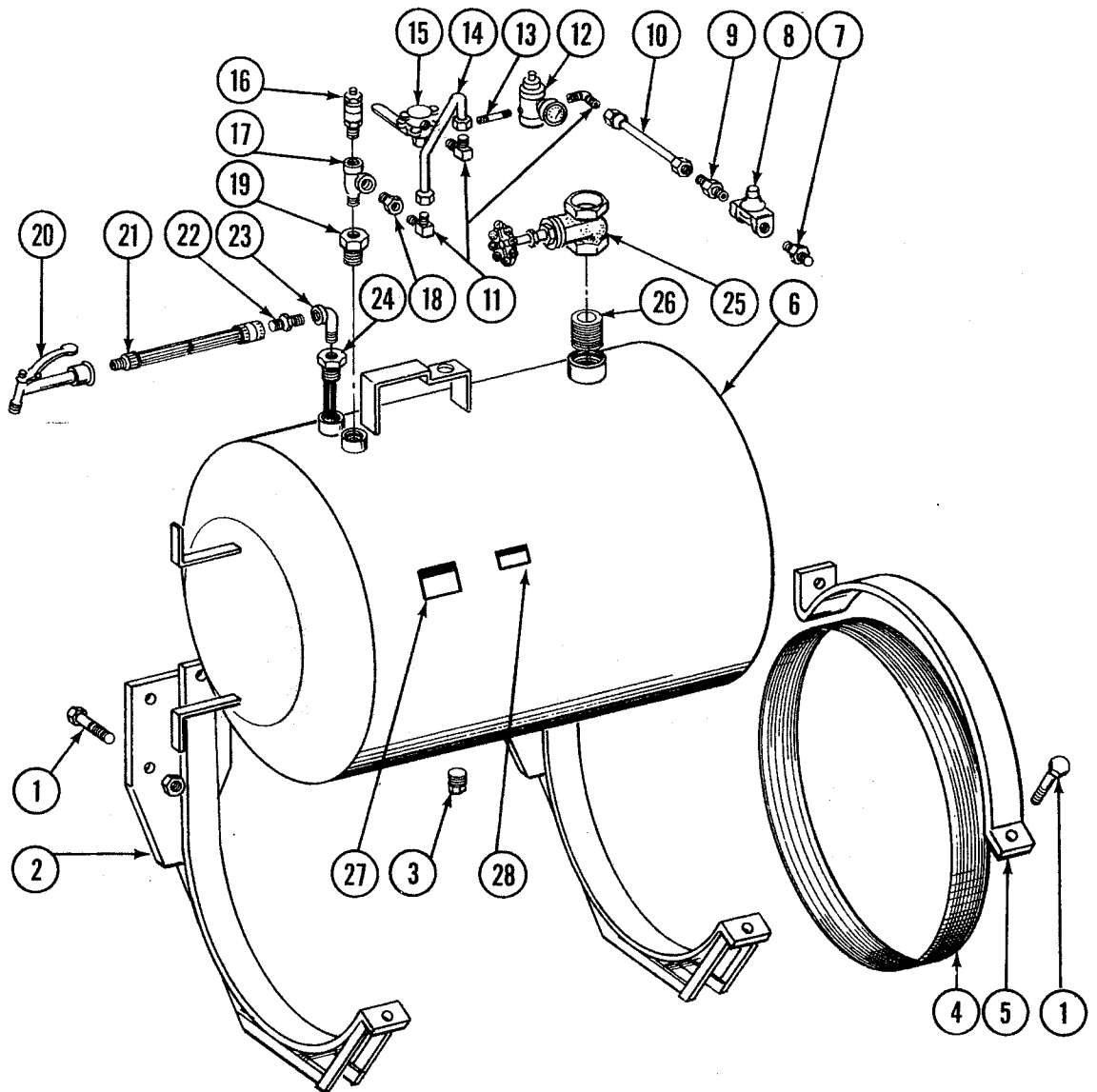


REF. NO.	PART NO.	DESCRIPTION	QTY.
1	305351-01	TUBE	1
2	16224	TEE	2
3	305351-04	TUBE	1
4	16119	ELBOW	1
5	15827	VALVE	1
6	20628	NIPPLE	1
7	107260	REDUCER	1
8	100255	CONNECTOR, Barbed	1
9	100258	HOSE, Drain	1
10	405250-01	TUBE	1
11	305377	TUBE	1
12	16227	ELBOW	1
13	16115	CONNECTOR	1
14	101868	VALVE, Flow Regulator	1
15	18008	ELBOW	3
16	16121	ELBOW	1
17	100883	HOSE	1
18	305481-01	HOSE	1
19	305481-02	HOSE	1



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	305351-01	ASSEMBLY, Tube	1
2	16121	ELBOW	2
3	405246	ASSEMBLY, Tube	1
4	16119	ELBOW	2
5	15827	VALVE	1
6	20628	NIPPLE	1
7	107260	REDUCER	1
8	100255	CONNECTOR, Barbed	1
9	100258	HOSE, Drain	1
10	16227	CONNECTOR	1
11	305351-02	TUBE	1
12	305401-01	HOSE	2
13	305401-02	HOSE	2
14	17714	TEE, Swivel	2
15	18258	CONNECTOR	2

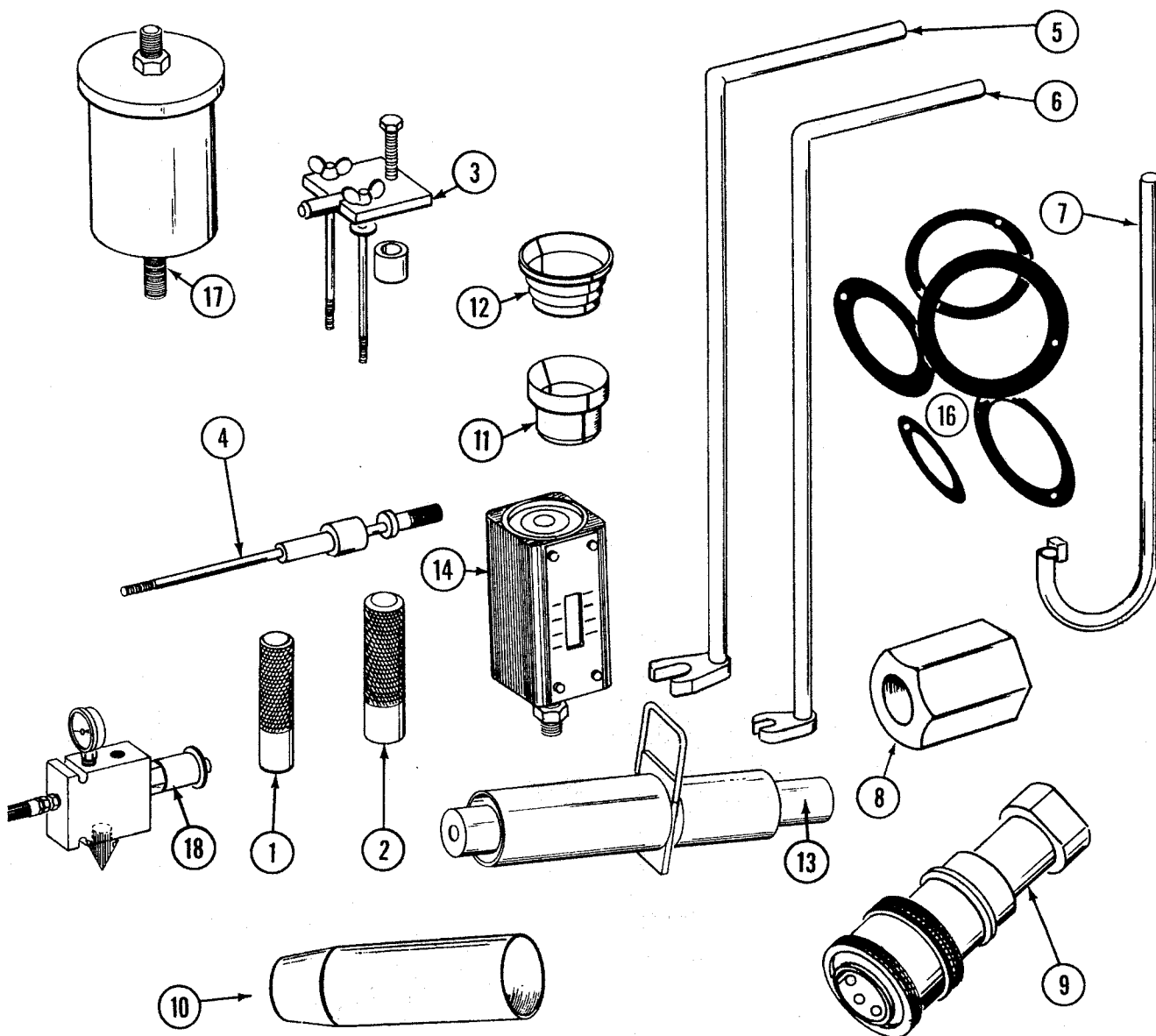
TANK, 80 GALLON WATER, 400774



TANK, 80 GALLON WATER, 400774

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	F1825	BOLT, 3/4" x 3", Hex Hd. UNC	12
	F3675	NUT, 3/4" Hex Stop	12
2	300811	WELDMENT, Tank Support	2
3	@0103	PLUG, Pipe 1" NPT Sq. Hd.	2
4	33618	TANK, Strip	2
5	400775	TANK, Strap	2
6	400810	WELDMENT, Water Tank - 80 Gallon	1
7	36860	NIPPLE	1
8	18431	VALVE, Pressure Protection	1
9	100044	TUBING, Air	1
10	39030	TUBING, Air	1
	39031	EYELET	2
11	100045	ELBOW	3
12	32967	REGULATOR	1
13	16055	NIPPLE	1
14	33617	"U" TUBING	1
15	15781	VALVE, Air	1
16	31666	VALVE, Relief	1
17	@0045	TEE, Pipe Street 1/2" 150 lb.	1
18	@0079	BUSHING, Pipe 1/2" NPT x 1/4" NPTF	1
19	@0084	BUSHING, 1" NPT x 1/2" NPTF	1
20	32964	NOZZLE	1
21	32965	HOSE, Water	1
22	32963	NIPPLE	1
23	@0009	ELBOW, Pipe Street, 150 lb., 3/4" 90°	1
24	33607	PIPE, Water, Outlet Assy.	1
25	LF-1242	VALVE, Gate	1
26	21799	NIPPLE	1
27	32754	DECAL, Caution	1
28	33257	DECAL, Warning	1
	33634	INSTRUCTIONS, Operating and Adjusting	1

TOOLS



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	T-B19516-7	PACKING TOOL .628, Main Operating Valve	1
2	T-B19516-4	PACKING TOOL .753, Main Operating Valve	1
3	T-B19516-6	KNOCKOUT SPRING TOOL, Main Operating Valve	1
4	T-SK-793-100	PULLER, Pin	1
5	T-2R-1313-2	WRENCH 2" (2R)	1
6	T-2R-1006-2	WRENCH 1 - 1/2" (2R)	1
7	T-PO-1166-10	WRENCH, Spanner	1
8	T-14284	PLUG WRENCH	1
9	100368	CONNECTOR, Snap On (For Test Gauge)	1
10	T-SR-9541-20	SLEEVE, Pump Seal, Install	1
11	T-NR-246-247-10	CUP GUIDE, SaniCruiser/SCII	1
12	T-SR-6021-2	CUP GUIDE, 2R Operating Cylinders	1
13	402325	PIVOT PULLER (2RII Upper Carrier Pivot)	1
14	30522	GAUGE, Pressure	1
15	T-SR-6021-1	GUIDE, Rod Seal, Sanicruiser	1
16	103081	O-RING KIT, 90 Various Size	1
17	T-14346	PULLER, Pin, 2RII Tele Pin	1
18	106855	TES FIXTURE, All With Telescopic	1

LEACH SERVICE ORDER FORM MANUALS AND LITERATURE

No.	Title	List Price	Quantity	Extended
Current Production Units		(each)		
105613	2RII Parts (over S/N 9719)	\$7.00		
105606	2RII Operators (over S/N 9719)	\$7.00		
105615	2RII Service (over S/N 9719)	\$7.00		
105562	Beta Parts (over S/N 2140)	\$7.00		
105560	Beta Operators (over S/N 2140)	\$7.00		
105561	Beta Service (over S/N 2140)	\$7.00		
105557	Alpha Parts (over S/N 2140)	\$7.00		
105555	Alpha Operators (over S/N 2140)	\$7.00		
105556	Alpha Service (over S/N 2140)	\$7.00		
105616	FL-104 Series B Parts (over S/N 1322)	\$7.00		
105604	FL-104 Series B Operators (over S/N 1322)	\$7.00		
105596	FL-104 Series B Service (over S/N 1322)	\$7.00		
105597	Curbtender Parts	\$7.00		
105586	Curbtender Operators	\$7.00		
105587	Curbtender Service	\$7.00		
Other Publications				
105599	Rear Loader Mounting	\$7.00		
100619	Main Operating Valve Service	\$7.00		
105598	Rear Loaders Container Handling Systems (over S/N 9719)	\$7.00		
105558	Rear Loaders Container Handling Systems (0001-8993)	\$7.00		
105605	Chassis Requirements Manual	N/C		
105414	Leach three ring binder	\$7.00		
Previous Production Units				
105546	2RII Parts (S/N 8993-9718)	\$7.00		
105549	2RII Service (S/N 8993-9718)	\$7.00		
105567	2RII Parts (S/N 6972-8993)	\$7.00		
105544	2RII Service (S/N 6972-8993)	\$7.00		
105600	2RII Parts (S/N 0001-6972)	\$7.00		
105601	2RII Service (S/N 0001-6972)	\$7.00		
105565	Beta Parts (S/N 0001-2139)	\$7.00		
105563	Beta Service (S/N 0001-2139)	\$7.00		
102488	Beta Lubrication Wall Chart (S/N 0001-2139)	\$7.00		
102489	Beta Check Out Wall Chart (S/N 0001-2139)	\$7.00		
105566	Alpha Parts (S/N 0001-2139)	\$7.00		
105543	Alpha Operators (S/N 0001-2139)	\$7.00		
105559	Alpha Service (S/N 0001-2139)	\$7.00		
105539	Alpha Lubrication Wall Chart (S/N 0001-2139)	\$7.00		
100655	Alpha Check Out Wall Chart (S/N 0001-2139)	\$7.00		
105591	SCII Parts	\$7.00		
105536	SCII Operators	\$7.00		
105535	SCII Service	\$7.00		
105538	SCII Lubrication Wall Chart	\$7.00		
105524	SCII Check Out Wall Chart	\$7.00		
105531	SIII Parts	\$7.00		
105545	SIII Operators	\$7.00		
105581	SIII Service	\$7.00		
105533	2R Packmaster Parts	\$7.00		
105603	2R Service	\$7.00		
102526	SaniCruiser Parts	\$7.00		

See reverse for additional manuals and literature

LEACH SERVICE ORDER FORM MANUALS AND LITERATURE

No.	Title	List Price	Quantity	Extended
102531	2F Front Loader Parts	\$7.00		
100648	2F Front Loader Operators	\$7.00		
102450	2F Front Loader Service	\$7.00		
100656	2F Front Loader Lubrication Wall Chart	\$7.00		
100657	2F Front Loader Check Our Wall Chart	\$7.00		
102541	RC 17/23 Recycling Collector	\$7.00		
105382	HSD (High Side Dump) Recycling Collector	\$7.00		
105571	FL-104 Parts (S/N 0001-1321)	\$7.00		
105408	FL-104 Operators (S/N 0001-1321)	\$7.00		
105602	FL-104 Service (S/N 0001-1321)	\$7.00		
105552	FL-104 Lubrication Wall Chart (S/N 0001-1321)	\$7.00		
105551	FL-104 Check Out Wall Chart (S/N 0001-1321)	\$7.00		
Spanish Language				
102534	Spanish 2Rll Operators (S/N 0001-6972)	\$7.00		
102511	Spanish 2Rll Service (S/N 0001-6972)	\$7.00		
102472	Spanish Alpha Operators (S/N 0001-2139)	\$7.00		
102541	Spanish Slll/SCll Operators	\$7.00		
105542	Spanish SCll Service	\$7.00		
French Language				
105577	French 2Rll Operators (S/N 8993-9718)	\$7.00		
105578	French 2Rll Service (S/N 8993-9718)	\$7.00		
Safety Items				
101372	Safety Vest	\$10.55		
105402	Safety Booklet	N/C		
105387	Safety Wall Posters (6 per set)	N/C		
Videos				
102497	2Rll Operators Video (S/N 0001-6972)	\$17.95		
102496	2Rll Preventive Maintenance/Check Out Video (S/N 001-6972)	\$17.95		
102498	Alpha Operators Video (S/N 0001-2139)	\$17.95		
102499	Alpha Preventive Maintenance/Check Out Video (S/N 0001-2139)	\$17.95		
102513	Beta Operators Video (S/N 0001-2139)	\$17.95		
102514	Beta Preventive Maintenance/Check Out Video (S/N 0001-2139)	\$17.95		
TOTAL ENCLOSED				

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