



2R-II PACKMASTER

Parts Manual Serial # Over 16000

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FOREWARD

Leach Company has been a leader in the refuse industry for over 110 years. Leach refuse bodies are the industry standard for both quality and performance. Leach Company is justifiably proud of the quality engineering, material and workmanship that goes into each and every packer we produce. This commitment to quality extends to the best parts, service and distributor organization in the industry.

One area of great importance to us is your safety. This unit was built in accordance with the American National Standards Institute (ANSI) standard for Mobile Refuse Collection and Compaction Equipment-Safety Requirements, ANSI Z245.1-1992. Before operating this unit please read and understand the safety precautions found in Section 2 of the operation manual. They are important and are provided to assist you in the safe operation of the unit.

This manual was produced with the latest information available at the time of publication. We do, however, reserve the right to redesign and/or discontinue the manufacture of parts, components or assemblies at any time. Leach Company has an aggressive manual and product improvement program. In any conversation or correspondence dealing with the information provided in any Leach manual please refer to the part number of that manual.

The manuals provided with the unit are considered a permanent part of the unit and should be included in the event of a re-sale. Additional manuals are available, free of charge, from your local authorized Leach distributor. These manuals should be kept readily available for easy reference. We ask that if you have comments or suggestions concerning this manual, please contact us at (920) 231-2770. We are here to be of service to you, our valued customer.





LEACH REAR LOADER LIMITED WARRANTY

Each rear loading refuse body manufactured by Leach Company ("Company") is warranted against defects in material and workmanship for a period of six (6) months provided the machine is used in a normal and reasonable manner. This limited warranty is applicable only to the original user-purchaser for a period of six (6) months (as measured from the date of delivery to the original user-purchaser) for the complete unit. This warranty is not transferable. Extended Limited Warranty (ELW) packages are available and may be purchased before the unit is placed into service.

During the Limited Warranty Period the Company will cause to be repaired or replaced, as the Company may elect, any part or parts of such machine that the Company's examination discloses to be defective in material or workmanship.

Repairs or replacements are to be made at the selling Leach distributor's location or at other locations approved by the Company.

The Leach Company Limited Warranty shall not apply to:

1. Major components or trade accessories such as but not limited to, trucks, engines, hydraulic pumps and motors, tires and batteries that have a separate warranty by the original manufacturer.
2. Normal adjustments and maintenance services.
3. Normal wear parts such as, but not limited to, oils, fluids, filters, guide shoes, tailgate seals, and winch cables.
4. Failures resulting from the machine being operated in a manner or for a purpose not recommended by the Company.
5. Repairs, modifications or alterations without the express written consent of the Company, which in the Company's sole judgment, have adversely affected the machine's stability, operation or reliability as originally designed and manufactured.
6. Items subject to misuse, negligence, accident or maintenance not consistent with Company published guidelines.
7. Hydraulic cylinders and components subjected to external damage such as, but not limited to, bent/dented rod, sand blasting damage, paint ingested through seals, contamination of fluid.

NOTE The use in the product of any part other than parts approved by Leach Company may invalidate this warranty. The Company reserves the right to determine, in its sole discretion, if the use of non-approved parts shall invalidate the warranty. Nothing contained in this warranty shall make the Company liable for loss, injury, or damage of any kind to any person or entity resulting from any defect or failure in the machine.

TO THE EXTENT LIMITED BY LAW, THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

This warranty is also in lieu of all other obligations or liabilities on the part of Leach Company, including but not limited to, liability for incidental and consequential damages on the part of the Company or the seller. Leach Company makes no representation that the machine has the capacity to perform any functions other than as contained in the Company's written literature, catalogs or specifications accompanying delivery of the machine. No person or affiliated company representative is authorized to alter the terms of this warranty, to give any other warranties or to assume any other liability on behalf of Leach Company in connection with the sale, servicing or repair of any machine manufactured by the Company.

Leach Company reserves the right to make design changes or improvements in its products without imposing any obligation upon itself to change or improve previously manufactured products.

**Leach Company
54 Park Place
Suite 925
Appleton, WI 54914**

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CAPSCREW MARKING AND TORQUE VALUES

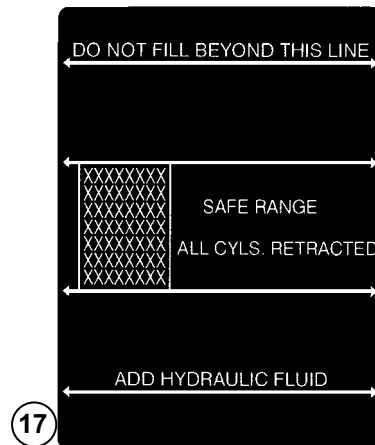
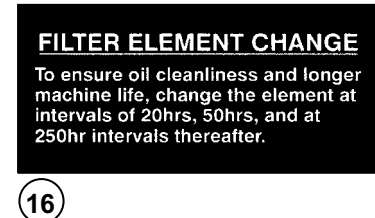
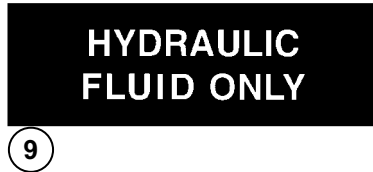
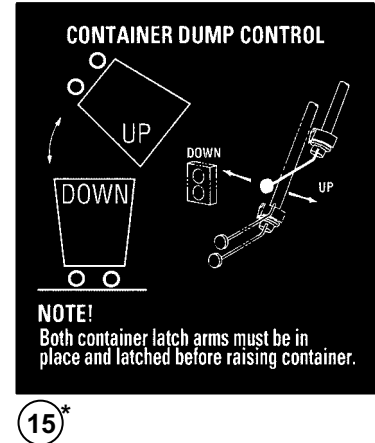
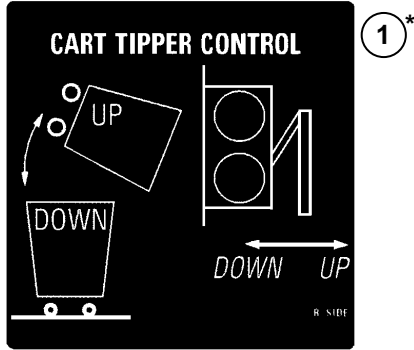
Usage	Much Used	Used at Times	Used at Times
Capscrew Diameter & Minimum Tensile Strength PSI	To 3/4 - 120,000 To 1 - 115,000	To 5/8 - 140,000 To 3/4 - 133,000	150,000
Quality of Material	Min. Commercial	Med. Commercial	Best Commercial
SAE Grade Number	5	6 or 7	8
CAPSCREW HEAD MARKINGS Manufacturer's 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)
5/8 - 12	110 (15.21)	120 (16.60)	155 (21.44)
- 18	120 (16.60)		170 (23.51)
3/4 - 11	150 (20.75)	167 (23.10)	210 (29.04)
- 18	170 (23.51)		240 (33.19)
7/8 - 10	270 (37.34)	280 (38.72)	375 (51.86)
- 16	295 (40.80)		420 (58.09)
1 - 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.

SECTION 1

DECALS 406147-04



* For placement and application of these decals refer to the Container Manual or 2RII Service Manual

DECALS 406147-04

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	209075	DECAL, Tipper RH	1
	209076	DECAL, Tipper LH	1
2	100895	DECAL, Engine Speed Up	1
3	104154	DECAL, ANSI Conformity	1
4	41637	DECAL, No Step	1
5	108073	DECAL, Hydraulic Push Bar	1
6	41894	DECAL, Warning PTO	2
7	18674	DECAL, 12,000 LB Capacity	1
8	108139	DECAL, Packer	1
9	40642	DECAL, Hydraulic Fluid Only	1
10	100894	DECAL, Driver Signal	2
11	100351	DECAL, Beacon Light	1
12	108140	DECAL, Carrier	1
13	108141	DECAL, Ejection	1
14	18673	DECAL, 8,000 LB Capacity	1
15	209974	DECAL, Operating Instructions Container Dump	1
16	100890	DECAL, Filter Element Change	1
17	40643	DECAL, Fluid Level	1
18	108144	DECAL, PTO	1

DECALS 406147-04



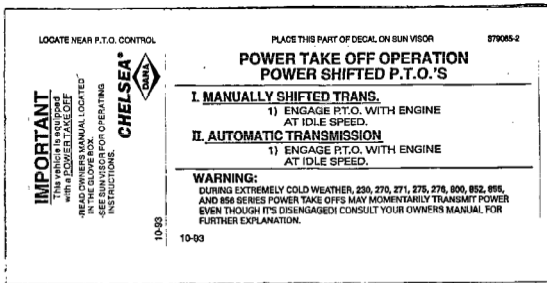
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105331 2RII Packmaster(Rev.02.2025)

DECALS 406147-04

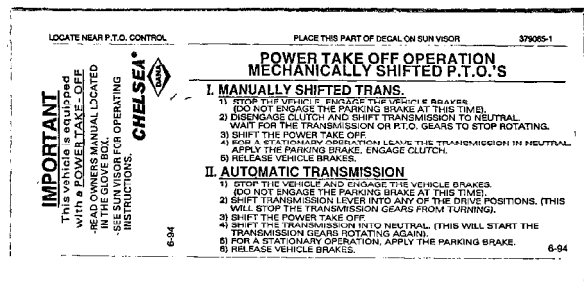
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	210026	DECAL, Warning Stand Up Operation	1
2	306327	DECAL, Warning Latch Arms	2
3	38976	DECAL, Danger Packer Panel	3
4	306020	DECAL, Operation Instructions Packing	1
5	306298	DECAL, Warning Truck Clearance	1
6	210021	DECAL, Warning Access Door	1
7	38979	DECAL, Danger Stand Clear	4
8	306166	DECAL, Operation Instructions Unloading	1
9	210025	DECAL, Warning Container Transport	1
10	101767	DECAL, Caution Pump Damage	1
11	306299	DECAL, Danger Container	AR
12	306293	DECAL, Warning Do Not Tow	1
13	36937	DECAL, Warning Riding	1
14	210027	DECAL, Warning Operator or Service	1
15	36938	DECAL, Warning Riding Step	2
16	32711	DECAL, Warning Do Not Enter	2
17	108072	DECAL, Winch	1
18	108163	DECAL, Warning Tailgate Open	1
19	108142	DECAL, Tailgate	1
20	100350	DECAL, Work Light	1
21	35954	DECAL, Line Pull	1
22	109059-01	DECAL, Solenoid	1
23	102960	DECAL, PTO On/Off	1
24	105469	DECAL, Strobe Light	1

SECTION 1

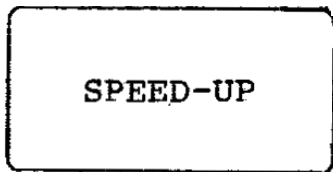
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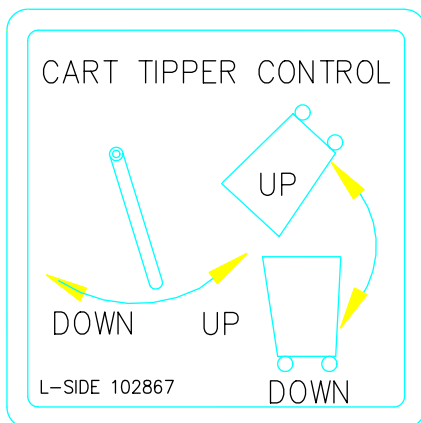
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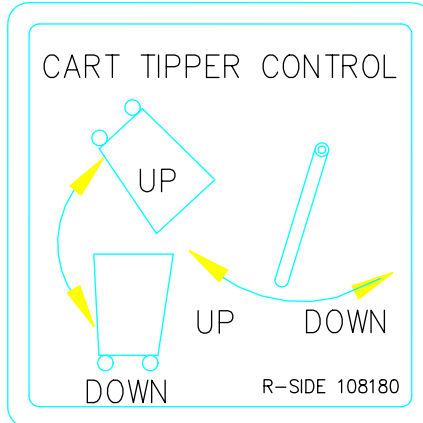
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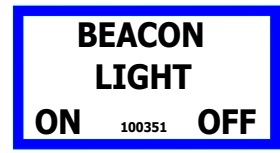
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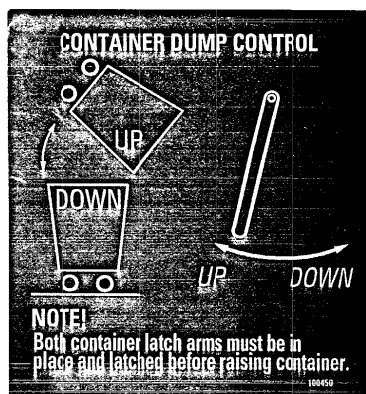
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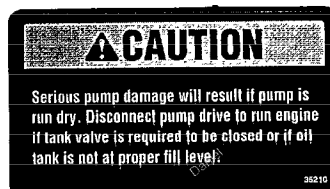
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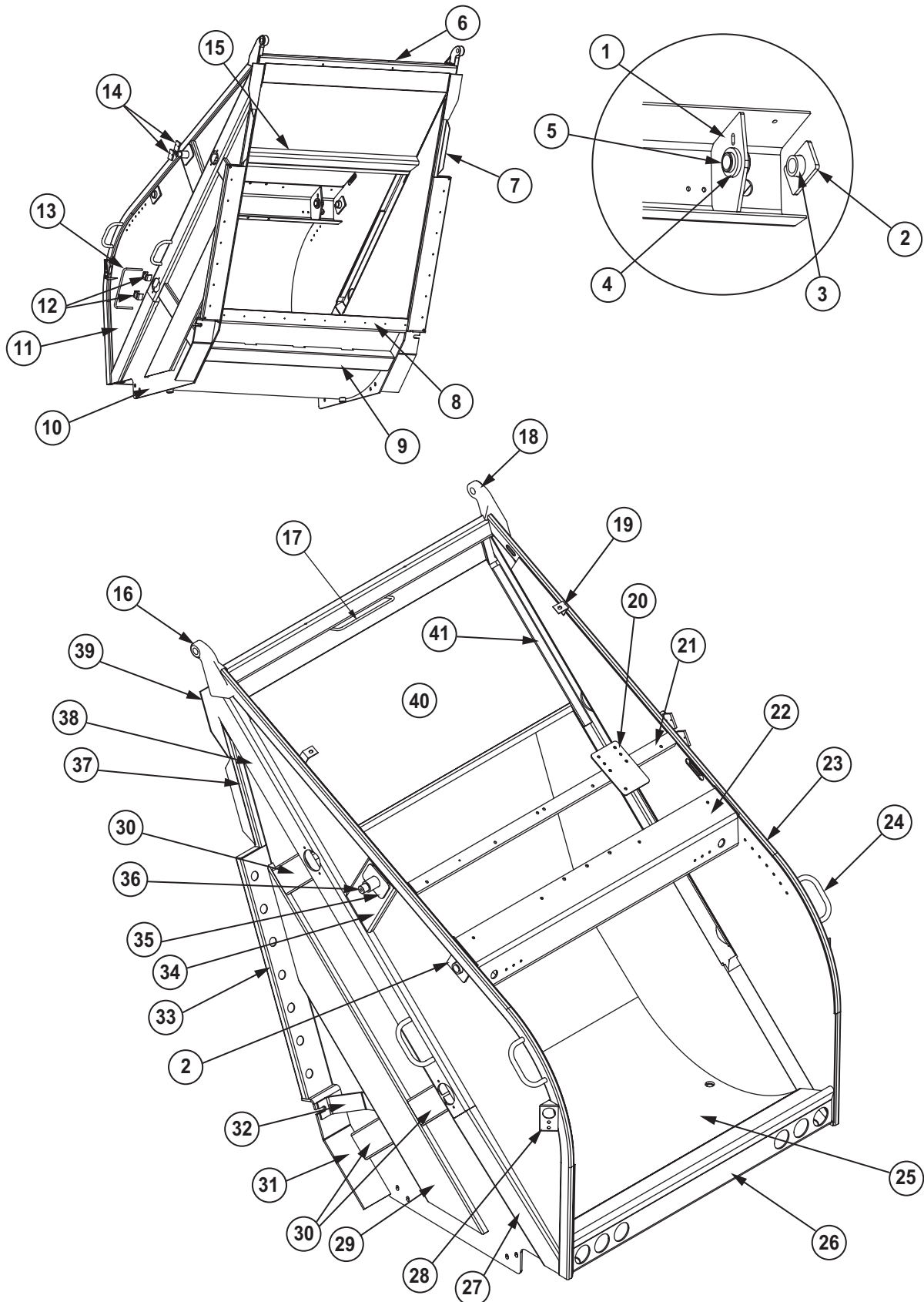
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DECAL 406147-04

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	100930	DECAL, Chelsea PTO	1
2	100930	DECAL, Chelsea PTO	1
3	103283	DECAL, Speed Up	1
4	103282	DECAL, Tailgate Open	1
5	201580	DECAL, Caution Clamp Cylinder	1
6	102867	DECAL, Tipper Control LH	1
7	108180	DECAL, Tipper Control RH	1
8	101346	DECAL, Rear Work Light On/Off	1
9	100351	DECAL, Beacon Light On/Off	1
10	100450	DECAL, Winch or Lift Lever	1
11	35210	DECAL, Caution Oil Shut Off	1
12	306169	DECAL, Unloading Instructions Clamp	1
	406147-04	KIT, Decal Replacement	1
	602475	TAPE, Reflective White 2"	4 Ft.
	603266	TAPE, Reflective Red/White 2"	55 Ft.

SECTION 1

TAILGATE WELDMENT - Standard - Before S/N 20642

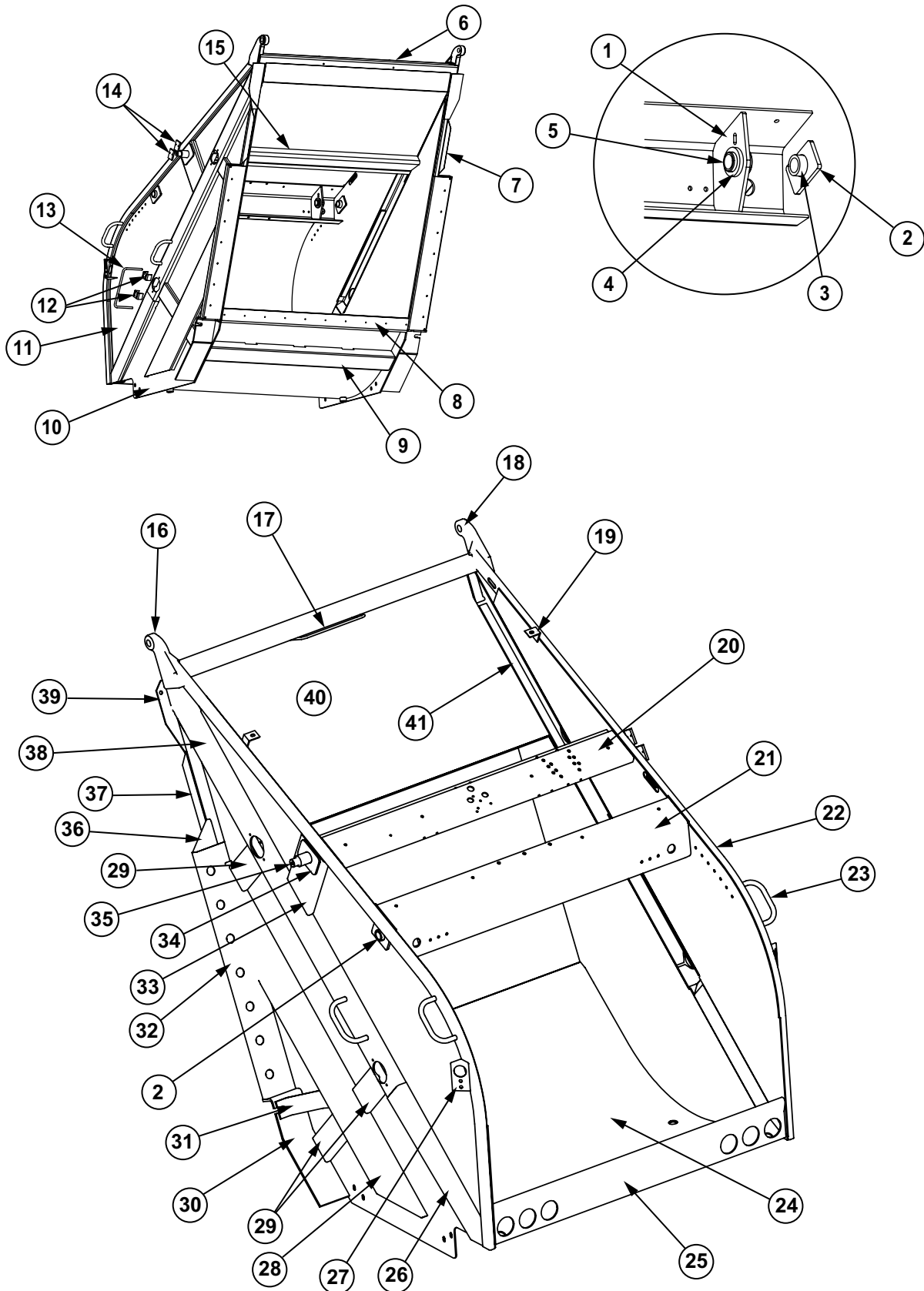


TAILGATE WELDMENT - Standard - Before S/N 20642

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700063	BRACE, Carrier Cylinder Mount	2
2	700005	COVER, Slot	4
3	603597	HUB, Outer 3" Long	2
4	204947	HUB	2
5	204945	HUB, Inner	2
6	306006	TUBE, Hinge	1
7	700051	COVER	2
8	700017	ANGLE, Hopper Bottom	1
9	700022	CHANNEL, Hopper Cross	1
10	700004	SHEET, Side Lower	2
11	700003	SHEET, Side Upper	2
12	209784	BRACKET, Bearing Block	2
13	209932	GUARD, Tailgate Controls	1
14	107824	PAD, Bearing Block	2
15	700064	WIPER, Heavy Duty	1
16	300343	HINGE, Tailgate LH	1
17	208623	BAR, Safety Tethers	1
18	300344	HINGE, Tailgate RH	1
19	700191	BRACKET, Crossover	2
20	700040	PLATE, Valve Mounting	1
21	700041	CHANNEL, Cross	1
22	700021	CHANNEL, Tailgate Cross	1
23	700012	FISH HOOK, RH	1
	700002	FISH HOOK, LH	1
24	15251	HANDLE, Grab	4
25	700016	BOTTOM, Hopper	1
	SR-9047	PIPE, Drain	2
26	700019	EDGE, Loading	1
27	700013	EXTENSION, Track Channel RH	1
	700007	EXTENSION, Track Channel LH	1
28	306424	BRACKET, Combo Light and Switch	2
	700625	BRACKET, Accessory Switch (Not Shown)	1
29	700014	CHANNEL, Horizontal RH	1
	700011	CHANNEL, Horizontal LH	1
30	700010	CHANNEL, Hopper Side	6
31	700256	ANGLE, Tailgate Side LH	1
	700257	ANGLE, Tailgate Side RH	1
32	200783	BRACE, Clamp	2
33	700006	TUBE, Lower Seal	2
34	701475	CHANNEL, Lift Pin LH	1
	701716	CHANNEL, Lift Pin RH	1
35	700043	PIVOT, Tailgate Lift Cylinder	2
36	701477	PLATE, Lift Pin	2
37	700050	TUBE, Upper	2
38	400394	CHANNEL, Track RH	1
	400395	CHANNEL, Track LH	1
39	200722	GUARD, Cylinder Spill	2
40	300501	PARTITION, Center	1
41	204106	BAR, Track	4

SECTION 1

TAILGATE WELDMENT - Standard - After S/N 20641

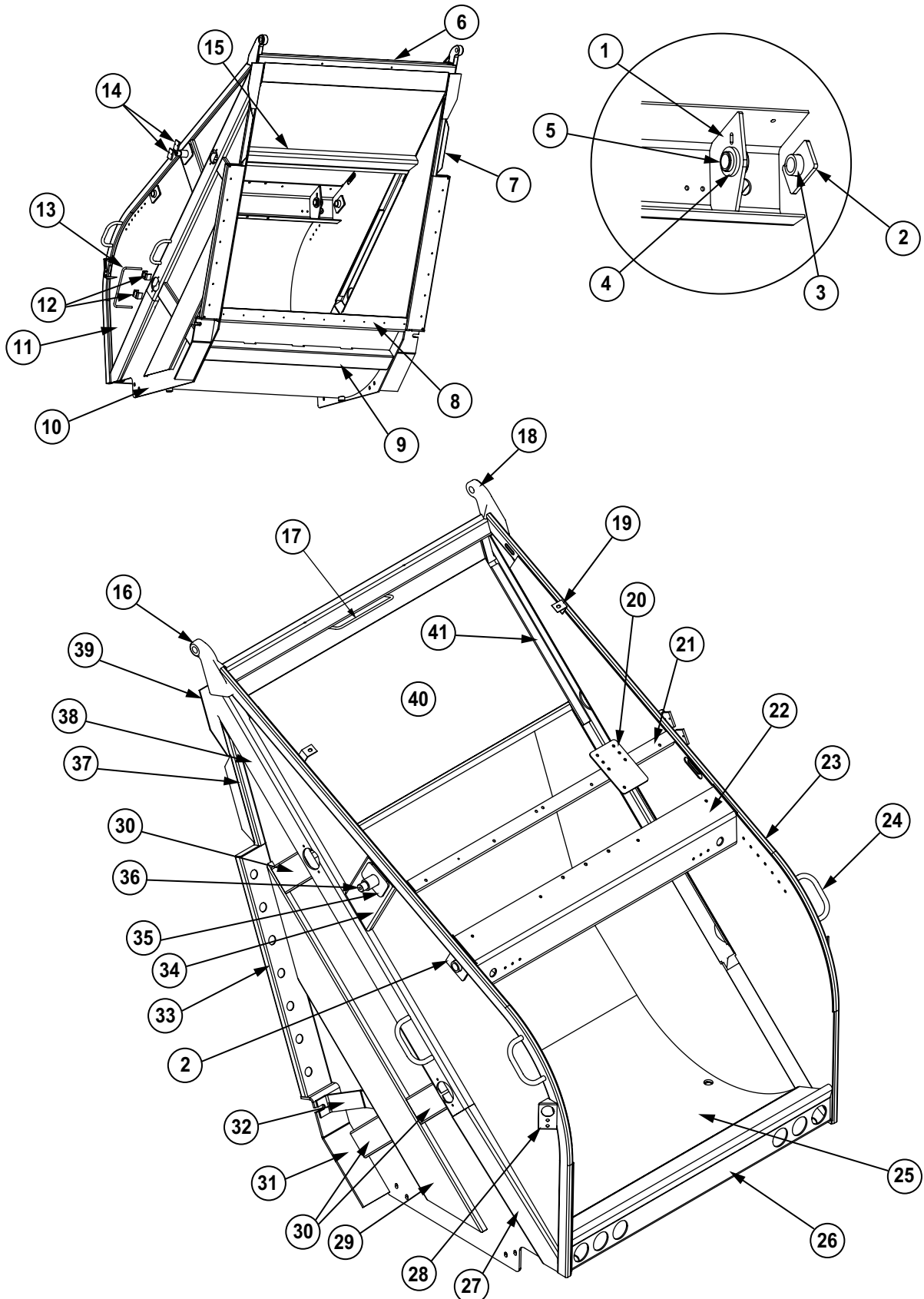


TAILGATE WELDMENT - Standard - After S/N 20641

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700063	BRACE, Carrier Cylinder Mount	2
2	700005	COVER, Slot	4
3	603597	HUB, Outer 3" Long	2
4	204947	HUB	2
5	204945	HUB, Inner	2
6	306006	TUBE, Hinge	1
7	700051	COVER	2
8	700017	ANGLE, Hopper Bottom	1
9	700022	CHANNEL, Hopper Cross	1
10	700004	SHEET, Side Lower	2
11	700003	SHEET, Side Upper	2
12	209784	BRACKET, Bearing Block	2
13	209932	GUARD, Bearing Block	1
14	107824	PAD, Bearing Block	2
15	700064	WIPER, Heavy Duty	1
16	300343	HINGE, Tailgate LH	1
17	208623	BAR, Safety Tethers	1
18	300344	HINGE, Tailgate RH	1
19	700191	BRACKET, Crossover	2
20	702964	CHANNEL, Valve Mounting	1
21	700021	CHANNEL, Tailgate Cross	1
22	700012	FISH HOOK, RH	1
	700002	FISH HOOK, LH	1
23	15251	HANDLE, Grab	4
24	700016	BOTTOM, Hopper	1
	SR-9047	PIPE, Drain	2
25	700019	EDGE, Loading	1
26	700013	EXTENSION, Track Channel RH	1
	700007	EXTENSION, Track Channel LH	1
27	306424	BRACKET, Combo Light and Switch	2
	700625	BRACKET, Accessory Switch (Not Shown)	1
28	700014	CHANNEL, Horizontal RH	1
	700011	CHANNEL, Horizontal LH	1
29	700010	CHANNEL, Hopper Side	6
30	700256	ANGLE, Tailgate Side LH	1
	700257	ANGLE, Tailgate Side RH	1
31	200783	BRACE, Clamp	2
32	700006	TUBE, Lower Seal	2
33	701475	CHANNEL, Lift Pin LH	1
	701716	CHANNEL, Lift Pin RH	1
34	700043	PIVOT, Tailgate Lift Cylinder	2
35	701477	PLATE, Lift Pin	2
36	724084	GUSSET	2
37	700050	TUBE, Upper	2
38	400394	CHANNEL, Track RH	1
	400395	CHANNEL, Track LH	1
39	200722	GUARD, Cylinder Spill	2
40	300501	PARTITION, Center	1
41	204106	BAR, Track	4

SECTION 1

TAILGATE WELDMENT - Commercial - Before S/N 20642

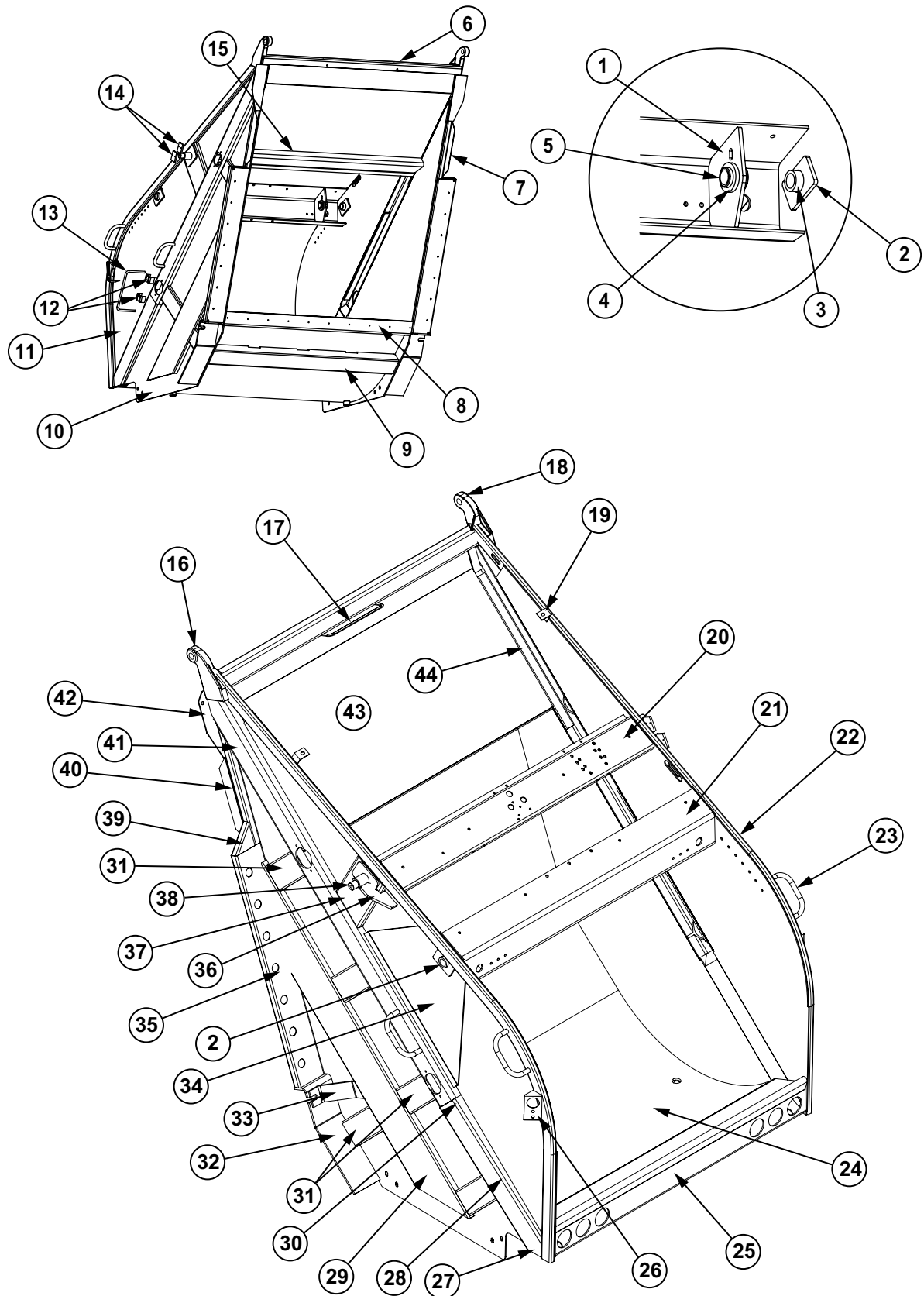


TAILGATE WELDMENT - Commercial - Before S/N 20642

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700063	BRACE, Carrier Cylinder Mount	2
2	700005	COVER, Slot	4
3	603597	HUB, Outer 3" Long	2
4	204947	HUB	2
5	204945	HUB, Inner	2
6	306006	TUBE, Hinge	1
7	700051	COVER	2
8	700017	ANGLE, Hopper Bottom	1
9	700022	CHANNEL, Hopper Cross	1
10	700004	SHEET, Side Lower	2
11	700003	SHEET, Side Upper	2
12	209784	BRACKET, Bearing Block	2
13	209932	GUARD, Tailgate Controls	1
14	107824	PAD, Bearing Block	2
15	700064	WIPER, Heavy Duty	1
16	300343	HINGE, Tailgate LH	1
17	208623	BAR, Safety Tethers	1
18	300344	HINGE, Tailgate RH	1
19	700191	BRACKET, Crossover	2
20	700040	PLATE, Valve Mounting	1
21	700041	CHANNEL, Cross	1
22	700021	CHANNEL, Tailgate Cross	1
23	700012	FISH HOOK, RH	1
	700002	FISH HOOK, LH	1
24	15251	HANDLE, Grab	4
25	700083	BOTTOM, Hopper 1/2"	1
	SR-9047	PIPE, Drain	2
26	700019	EDGE, Loading	1
27	700013	EXTENSION, Track Channel RH	1
	700007	EXTENSION, Track Channel LH	1
28	306424	BRACKET, Combo Light and Switch	2
	700625	BRACKET, Accessory Switch (Not Shown)	1
29	700014	CHANNEL, Horizontal RH	1
	700011	CHANNEL, Horizontal LH	1
30	700010	CHANNEL, Hopper Side	6
31	700256	ANGLE, Tailgate Side LH	1
	700257	ANGLE, Tailgate Side RH	1
32	200783	BRACE, Clamp	2
33	700006	TUBE, Lower Seal	2
34	701475	CHANNEL, Lift Pin LH	1
	701716	CHANNEL, Lift Pin RH	1
35	700043	PIVOT, Tailgate Lift Cylinder	2
36	701477	PLATE, Lift Pin	2
37	700050	TUBE, Upper	2
38	400394	CHANNEL, Track RH	1
	400395	CHANNEL, Track LH	1
39	200722	GUARD, Cylinder Spill	2
40	303235	PARTITION, Center .19"	1
41	204106	BAR, Track	4

SECTION 1

TAILGATE WELDMENT - Commercial - After S/N 20641

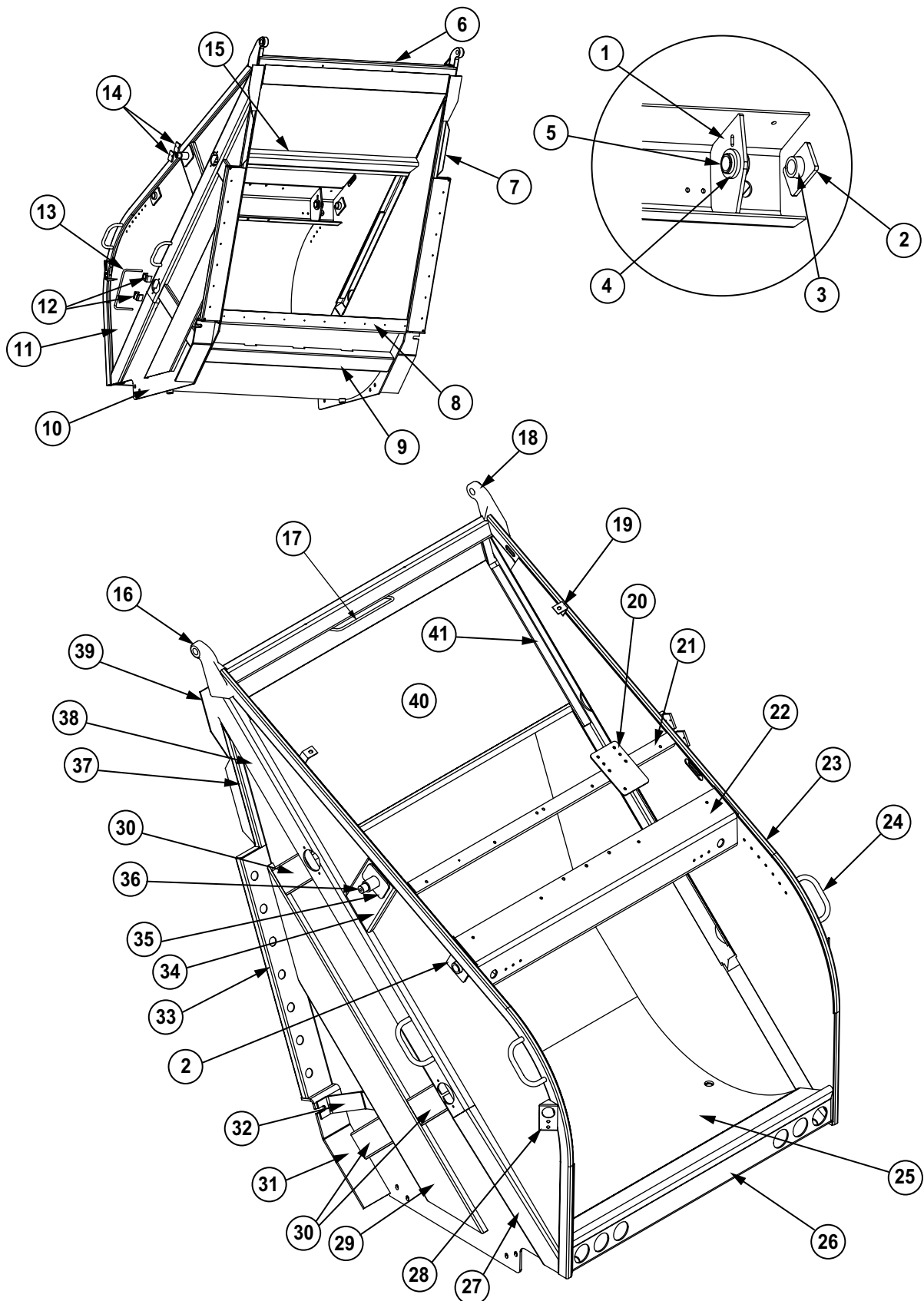


TAILGATE WELDMENT - Commercial - After S/N 20641

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700063	BRACE, Carrier Cylinder Mount	2
2	700005	COVER, Slot	4
3	603597	HUB, Outer 3" Long	2
4	204947	HUB	2
5	204945	HUB, Inner	2
6	306006	TUBE, Hinge	1
7	700051	COVER	2
8	700017	ANGLE, Hopper Bottom	1
9	700022	CHANNEL, Hopper Cross	1
10	700004	SHEET, Side Lower	2
11	700003	SHEET, Side Upper	2
12	209784	BRACKET, Bearing Block	2
13	209932	GUARD, Tailgate Controls	1
14	107824	PAD, Bearing Block	2
15	700064	WIPER, Heavy Duty	1
16	300343	HINGE, Tailgate LH	1
17	208623	BAR, Safety Tethers	1
18	300344	HINGE, Tailgate RH	1
19	700191	BRACKET, Crossover	2
20	702964	CHANNEL, Valve Mounting	1
21	700021	CHANNEL, Tailgate Cross	1
22	700012	FISH HOOK, RH	1
	700002	FISH HOOK, LH	1
23	15251	HANDLE, Grab	4
24	700083	BOTTOM, Hopper 1/2"	1
	SR-9047	PIPE, Drain	2
25	700019	EDGE, Loading	1
26	306424	BRACKET, Combo Light and Switch	2
	700625	BRACKET, Accessory Switch (Not Shown)	1
27	700008	FILLER, Track Extension	2
28	700013	EXTENSION, Track Channel RH	1
	700007	EXTENSION, Track Channel LH	1
29	700014	CHANNEL, Horizontal RH	1
	700011	CHANNEL, Horizontal LH	1
30	700009	RAMP, Track Extension	2
31	700010	CHANNEL, Hopper Side	10
32	700256	ANGLE, Tailgate Side LH	1
	700257	ANGLE, Tailgate Side RH	1
33	200783	BRACE, Clamp	2
34	723933	SHEET, Side Upper LH	1
	723943	SHEET, Side Upper RH	1
35	700006	TUBE, Lower Seal	2
36	716293	GUSSET	2
37	701475	CHANNEL, Lift Pin LH	1
	701716	CHANNEL, Lift Pin RH	1
38	701477	PLATE, Lift Pin	2
39	724084	GUSSET	2
40	700050	TUBE, Upper	2
41	400394	CHANNEL, Track RH	1
	700395	CHANNEL, Track LH	1
42	200722	GUARD, Cylinder Spill	2
43	303235	PARTITION, Center .19"	1
44	204106	BAR, Track	4

SECTION 1

TAILGATE WELDMENT - Demolition - Before S/N 20642

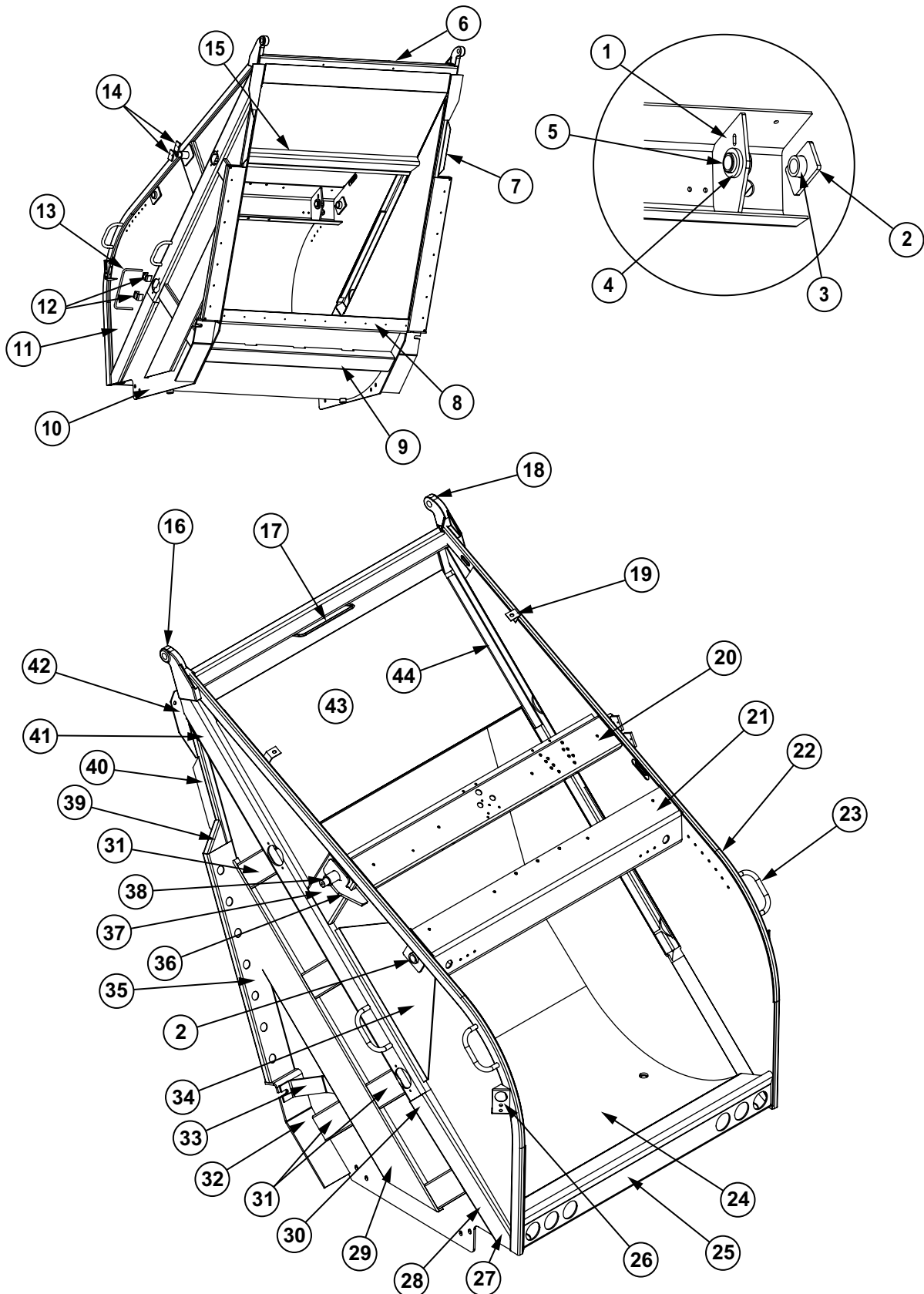


TAILGATE WELDMENT - Demolition - Before S/N 20642

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700063	BRACE, Carrier Cylinder Mount	2
2	700005	COVER, Slot	4
3	603597	HUB, Outer 3" Long	2
4	204947	HUB	2
5	204945	HUB, Inner	2
6	306006	TUBE, Hinge	1
7	700051	COVER	2
8	700017	ANGLE, Hopper Bottom	1
9	700022	CHANNEL, Hopper Cross	1
10	700128	SHEET, Side Lower	2
11	700003	SHEET, Side Upper	2
12	209784	BRACKET, Bearing Block	2
13	209932	GUARD, Tailgate Controls	1
14	107824	PAD, Bearing Block	2
15	700064	WIPER, Heavy Duty	1
16	300343	HINGE, Tailgate LH	1
17	208623	BAR, Safety Tethers	1
18	300344	HINGE, Tailgate RH	1
19	700191	BRACKET, Crossover	2
20	700040	PLATE, Valve Mounting	1
21	700041	CHANNEL, Cross	1
22	700021	CHANNEL, Tailgate Cross	1
23	700012	FISH HOOK, RH	1
	700002	FISH HOOK, LH	1
24	15251	HANDLE, Grab	4
25	700083	BOTTOM, Hopper 1/2"	1
	SR-9047	PIPE, Drain	2
26	700019	EDGE, Loading	1
27	700132	EXTENSION, Track Channel RH	1
	700133	EXTENSION, Track Channel LH	1
28	306424	BRACKET, Combo Light and Switch	2
	700625	BRACKET, Accessory Switch (Not Shown)	1
29	700014	CHANNEL, Horizontal RH	1
	700011	CHANNEL, Horizontal LH	1
30	700010	CHANNEL, Hopper Side	6
31	700256	ANGLE, Tailgate Side LH	1
	700257	ANGLE, Tailgate Side RH	1
32	200783	BRACE, Clamp	2
33	700006	TUBE, Lower Seal	2
34	701475	CHANNEL, Lift Pin LH	1
	701716	CHANNEL, Lift Pin RH	1
35	700043	PIVOT, Tailgate Lift Cylinder	2
36	701477	PLATE, Lift Pin	2
37	700050	TUBE, Upper	2
38	400394	CHANNEL, Track RH	1
	400395	CHANNEL, Track LH	1
39	200722	GUARD, Cylinder Spill	2
40	303235	PARTITION, Center .19"	1
41	204106	BAR, Track	4

SECTION 1

TAILGATE WELDMENT - Demolition - After S/N 20641

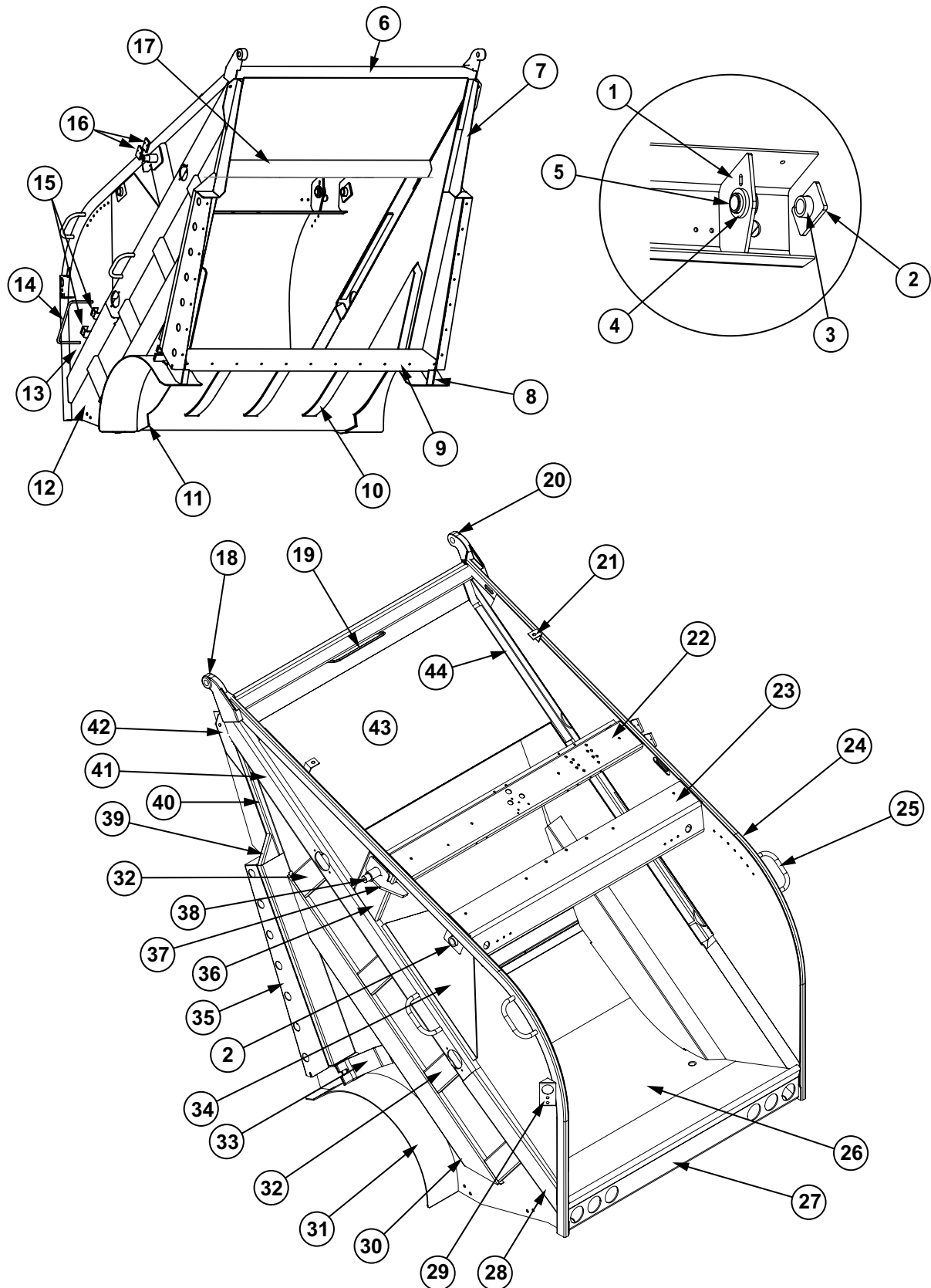


TAILGATE WELDMENT - Demolition - After S/N 20641

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700063	BRACE, Carrier Cylinder Mount	2
2	700005	COVER, Slot	4
3	603597	HUB, Outer 3" Long	2
4	204947	HUB	2
5	204945	HUB, Inner	2
6	306006	TUBE, Hinge	1
7	700051	COVER	2
8	700017	ANGLE, Hopper Bottom	1
9	700022	CHANNEL, Hopper Cross	1
10	700004	SHEET, Side Lower	2
11	700003	SHEET, Side Upper	2
12	209784	BRACKET, Bearing Block	2
13	209932	GUARD, Tailgate Controls	1
14	107824	PAD, Bearing Block	2
15	700064	WIPER, Heavy Duty	1
16	300343	HINGE, Tailgate LH	1
17	208623	BAR, Safety Tethers	1
18	300344	HINGE, Tailgate RH	1
19	700191	BRACKET, Crossover	2
20	702964	CHANNEL, Valve Mounting	1
21	700021	CHANNEL, Tailgate Cross	1
22	700012	FISH HOOK, RH	1
	700002	FISH HOOK, LH	1
23	15251	HANDLE, Grab	4
24	700083	BOTTOM, Hopper 1/2"	1
	SR-9047	PIPE, Drain	2
25	700019	EDGE, Loading	1
26	306424	BRACKET, Combo Light and Switch	2
	700625	BRACKET, Accessory Switch (Not Shown)	1
27	700008	FILLER, Track Extension	2
28	700013	EXTENSION, Track Channel RH	1
	700007	EXTENSION, Track Channel LH	1
29	700014	CHANNEL, Horizontal RH	1
	700011	CHANNEL, Horizontal LH	1
30	700009	RAMP, Track Extension	2
31	700010	CHANNEL, Hopper Side	10
32	700256	ANGLE, Tailgate Side LH	1
	700257	ANGLE, Tailgate Side RH	1
33	200783	BRACE, Clamp	2
34	723933	SHEET, Side Upper LH	1
	723943	SHEET, Side Upper RH	1
35	700006	TUBE, Lower Seal	2
36	716293	GUSSET	2
37	701475	CHANNEL, Lift Pin LH	1
	701716	CHANNEL, Lift Pin RH	1
38	701477	PLATE, Lift Pin	2
39	724084	GUSSET	2
40	700050	TUBE, Upper	2
41	400394	CHANNEL, Track RH	1
	700395	CHANNEL, Track LH	1
42	200722	GUARD, Cylinder Spill	2
43	303235	PARTITION, Center .19"	1
44	204106	BAR, Track	4

SECTION 1

TAILGATE WELDMENT - Standard - Tag Axle

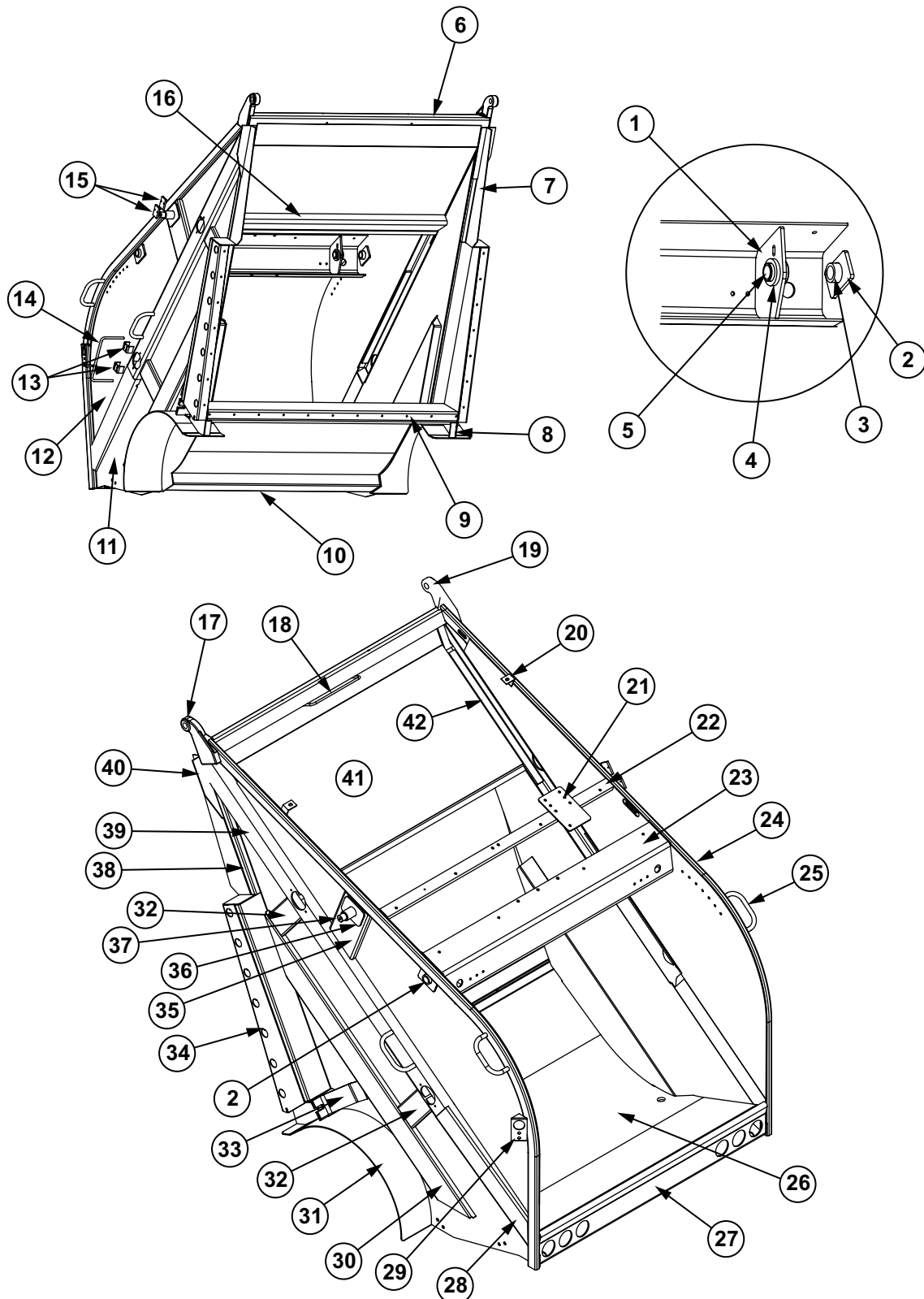


TAILGATE WELDMENT - Standard - Tag Axle

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700063	BRACE, Carrier Cylinder Mount	2
2	700005	COVER, Slot	4
3	603597	HUB, Outer 3" Long	2
4	204947	HUB	2
5	204945	HUB, Inner	2
6	306006	TUBE, Hinge	1
7	700566	GUARD, Cylinder Spill	2
8	210590	REINFORCEMENT, Guard	2
9	700354	ANGLE, Hopper Bottom	1
10	706465	STIFFENER, Rib	3
11	707524	CHANNEL, Hopper Cross	1
12	700346	SHEET, Side Lower	2
13	700345	SHEET, Side Upper	2
14	209932	GUARD, Tailgate Controls	1
15	209784	BRACKET, Bearing Block	2
16	107824	PAD, Bearing Block	2
17	700064	WIPER, Heavy Duty	1
18	300343	HINGE, Tailgate LH	1
19	208623	BAR, Safety Tethers	1
20	300344	HINGE, Tailgate RH	1
21	700191	BRACKET, Crossover	2
22	702964	CHANNEL, Valve Mounting	1
23	700021	CHANNEL, Tailgate Cross	1
24	700343	FISH HOOK, LH	1
	700344	FISH HOOK, RH	1
25	15251	HANDLE, Grab	4
26	706464	BOTTOM, Hopper	1
	SR-9047	PIPE, Drain	2
27	700356	EDGE, Loading	1
28	700347	EXTENSION, Track Channel LH	1
	700348	EXTENSION, Track Channel RH	1
29	306424	BRACKET, Combo Light and Switch	2
	700625	BRACKET, Accessory Switch (Not Shown)	1
30	700351	CHANNEL, Horizontal LH	1
	700352	CHANNEL, Horizontal RH	1
31	700565	FENDER, Tag Axle	2
32	700010	CHANNEL, Hopper Side	4
33	700377	ANGLE, Tailgate Clamp	2
34	723933	SHEET, Side LH	1
	723943	SHEET, Side RH	1
35	700379	REST, Tailgate LH	1
	700380	REST, Tailgate RH	1
36	701475	CHANNEL, Lift Pin LH	1
	701716	CHANNEL, Lift Pin RH	1
37	716293	GUSSET	2
38	700043	PIVOT, Tailgate Lift Cylinder	2
39	724084	GUSSET	2
40	700050	TUBE, Upper	2
41	728668	CHANNEL, Track RH	1
	728666	CHANNEL, Track LH	1
42	200722	GUARD, Cylinder Spill	2
43	30501	PARTITION, Center	1
44	204106	BAR, Track	4

SECTION 1

TAILGATE WELDMENT - Tag Axle - Commercial - Before S/N 20642

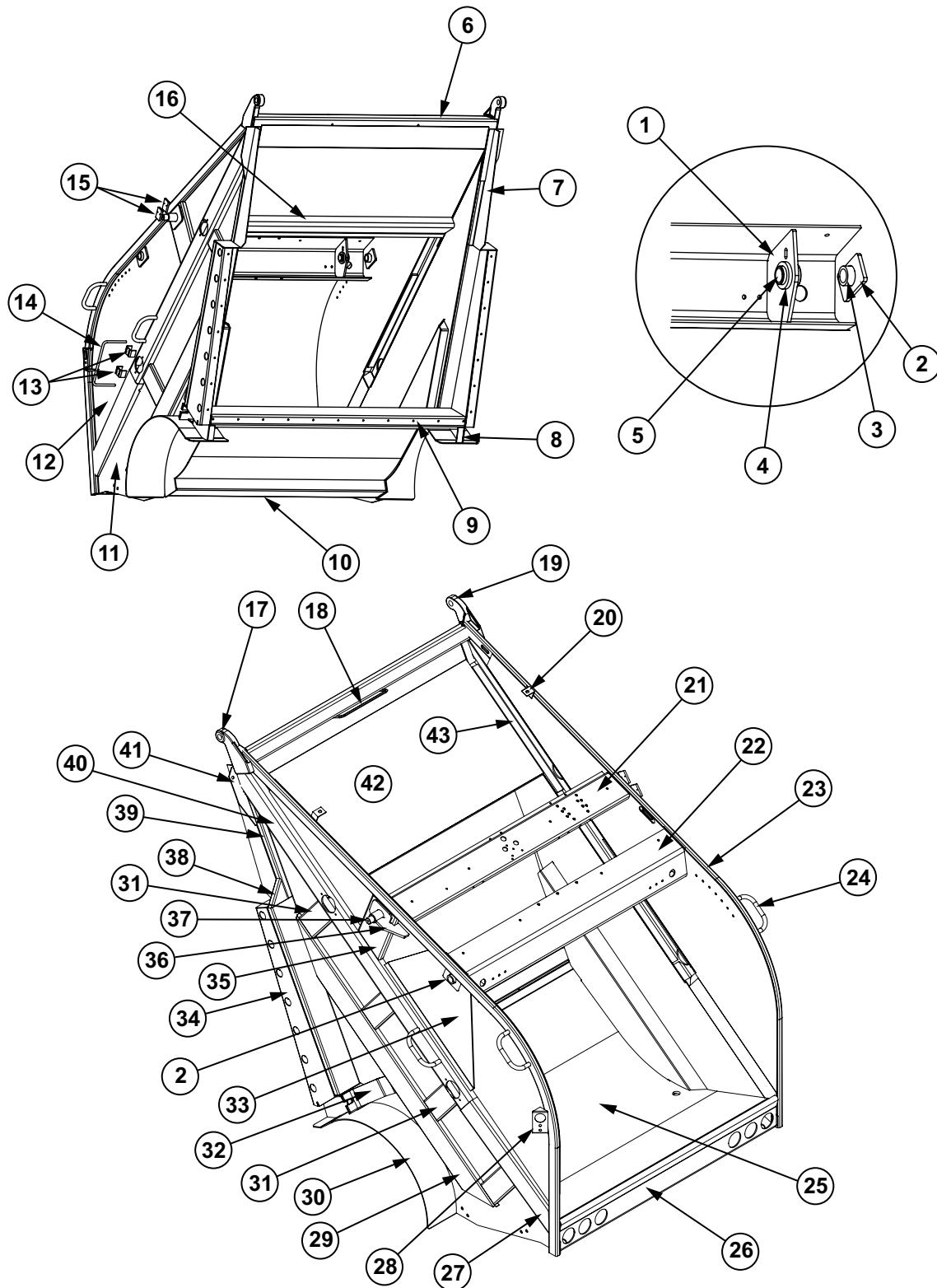


TAILGATE WELDMENT - Tag Axle - Commercial - Before S/N 20642

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700063	BRACE, Carrier Cylinder Mount	2
2	700005	COVER, Slot	4
3	603597	HUB, Outer 3" Long	2
4	204947	HUB	2
5	204945	HUB, Inner	2
6	306006	TUBE, Hinge	1
7	700566	GUARD, Cylinder Spill	2
8	210590	REINFORCEMENT, Guard	2
9	700354	ANGLE, Hopper Bottom	1
10	700375	CHANNEL, Hopper Cross	1
11	700346	SHEET, Side Lower	2
12	700345	SHEET, Side Upper	2
13	209784	BRACKET, Bearing Block	2
14	209932	GUARD, Tailgate Controls	1
15	107824	PAD, Bearing Block	2
16	700064	WIPER, Heavy Duty	1
17	300343	HINGE, Tailgate LH	1
18	208623	BAR, Safety Tethers	1
19	300344	HINGE, Tailgate RH	1
20	700191	BRACKET, Crossover	2
21	700040	PLATE, Valve Mounting	1
22	700041	CHANNEL, Cross	1
23	700021	CHANNEL, Tailgate Cross	1
24	700343	FISH HOOK, LH	1
	700344	FISH HOOK, RH	1
25	15251	HANDLE, Grab	4
26	700355	BOTTOM, Hopper	1
	SR-9047	PIPE, Drain	2
27	700356	EDGE, Loading	1
28	700347	EXTENSION, Track Channel LH	1
	700348	EXTENSION, Track Channel RH	1
29	306424	BRACKET, Combo Light and Switch	2
	700625	BRACKET, Accessory Switch (Not Shown)	1
30	700351	CHANNEL, Horizontal LH	1
	700352	CHANNEL, Horizontal RH	1
31	700565	FENDER, Tag Axle	2
32	700010	CHANNEL, Hopper Side	4
33	700377	ANGLE, Tailgate Clamp	2
34	700379	REST, Tailgate LH	1
	700380	REST, Tailgate RH	1
35	701475	CHANNEL, Lift Pin LH	1
	701716	CHANNEL, Lift Pin RH	1
36	701477	PLATE, Lift Pin	2
37	700043	PIVOT, Tailgate Lift Cylinder	2
38	700050	TUBE, Upper	2
39	728668	CHANNEL, Track RH	1
	728666	CHANNEL, Track LH	1
40	200722	GUARD, Cylinder Spill	2
41	303235	PARTITION, Center .19"	1
42	204106	BAR, Track	4

SECTION 1

TAILGATE WELDMENT - Tag Axle - Commercial - After S/N 20641



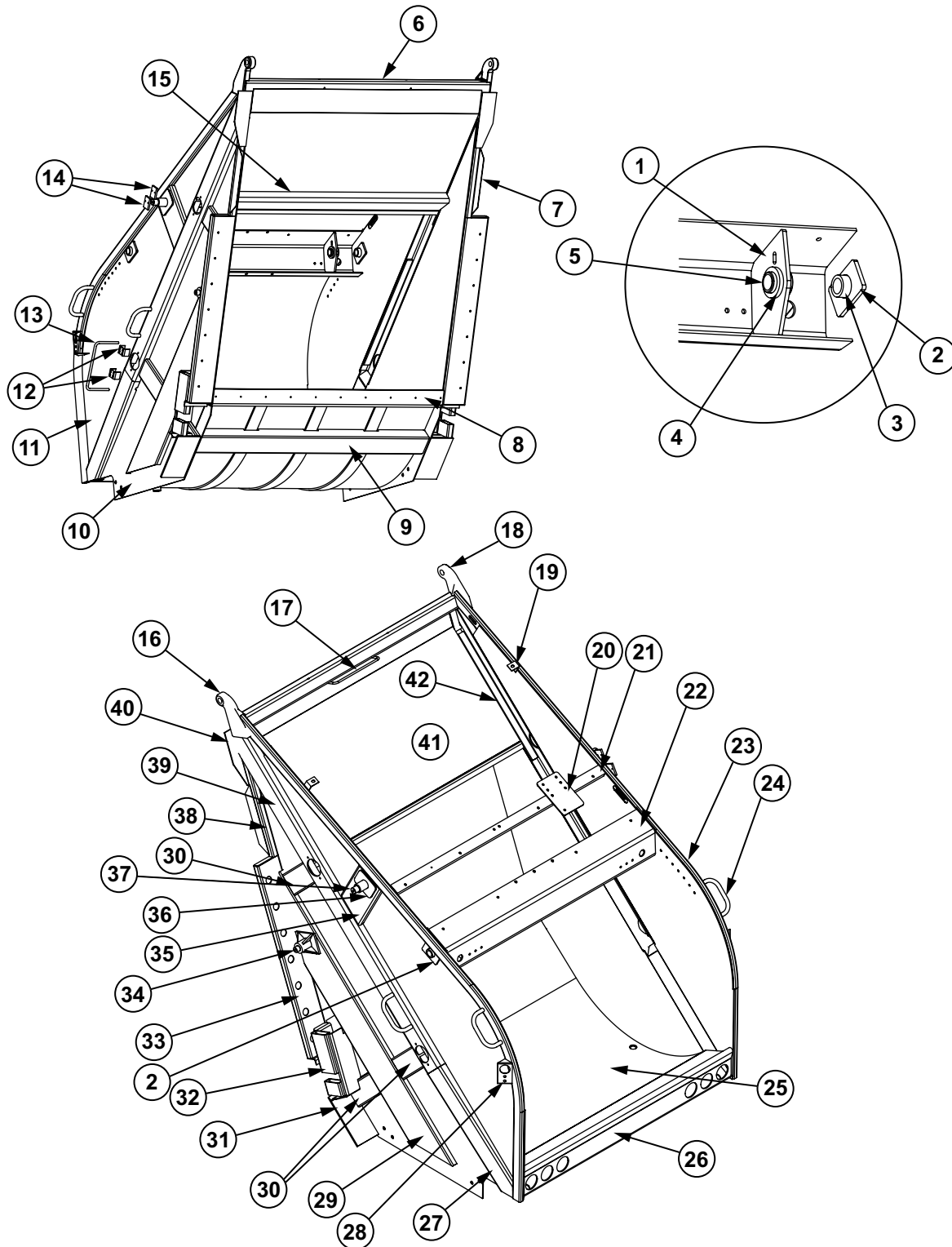
TAILGATE WELDMENT - Tag Axle - Commercial - After

S/N 20641

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700063	BRACE, Carrier Cylinder Mount	2
2	700005	COVER, Slot	4
3	603597	HUB, Outer 3" Long	2
4	204947	HUB	2
5	204945	HUB, Inner	2
6	306006	TUBE, Hinge	1
7	700566	GUARD, Cylinder Spill	2
8	210590	REINFORCEMENT, Guard	2
9	700354	ANGLE, Hopper Bottom	1
10	700375	CHANNEL, Hopper Cross	1
11	700346	SHEET, Side Lower	2
12	700345	SHEET, Side Upper	2
13	209784	BRACKET, Bearing Block	2
14	209932	GUARD, Tailgate Controls	1
15	107824	PAD, Bearing Block	2
16	700064	WIPER, Heavy Duty	1
17	300343	HINGE, Tailgate LH	1
18	208623	BAR, Safety Tethers	1
19	300344	HINGE, Tailgate RH	1
20	700191	BRACKET, Crossover	2
21	702964	CHANNEL, Valve Mounting	1
22	700021	CHANNEL, Tailgate Cross	1
23	700343	FISH HOOK, LH	1
	700344	FISH HOOK, RH	1
24	15251	HANDLE, Grab	4
25	700355	BOTTOM, Hopper	1
	SR-9047	PIPE, Drain	2
26	700356	EDGE, Loading	1
27	700347	EXTENSION, Track Channel LH	1
	700348	EXTENSION, Track Channel RH	1
28	306424	BRACKET, Combo Light and Switch	2
	700625	BRACKET, Accessory Switch (Not Shown)	1
29	700351	CHANNEL, Horizontal LH	1
	700352	CHANNEL, Horizontal RH	1
30	700565	FENDER, Tag Axle	2
31	700010	CHANNEL, Hopper Side	4
32	700377	ANGLE, Tailgate Clamp	2
33	723933	SHEET, Side LH	1
	723943	SHEET, Side RH	1
34	700379	REST, Tailgate LH	1
	700380	REST, Tailgate RH	1
35	701475	CHANNEL, Lift Pin LH	1
	701716	CHANNEL, Lift Pin RH	1
36	716293	GUSSET	2
37	700043	PIVOT, Tailgate Lift Cylinder	2
38	724084	GUSSET	2
39	700050	TUBE, Upper	2
40	728668	CHANNEL, Track RH	1
	728666	CHANNEL, Track LH	1
41	200722	GUARD, Cylinder Spill	2
42	303235	PARTITION, Center .19"	1
43	204106	BAR, Track	4

SECTION 1

TAILGATE WELDMENT - Auto Latch - Standard Before S/N 20642



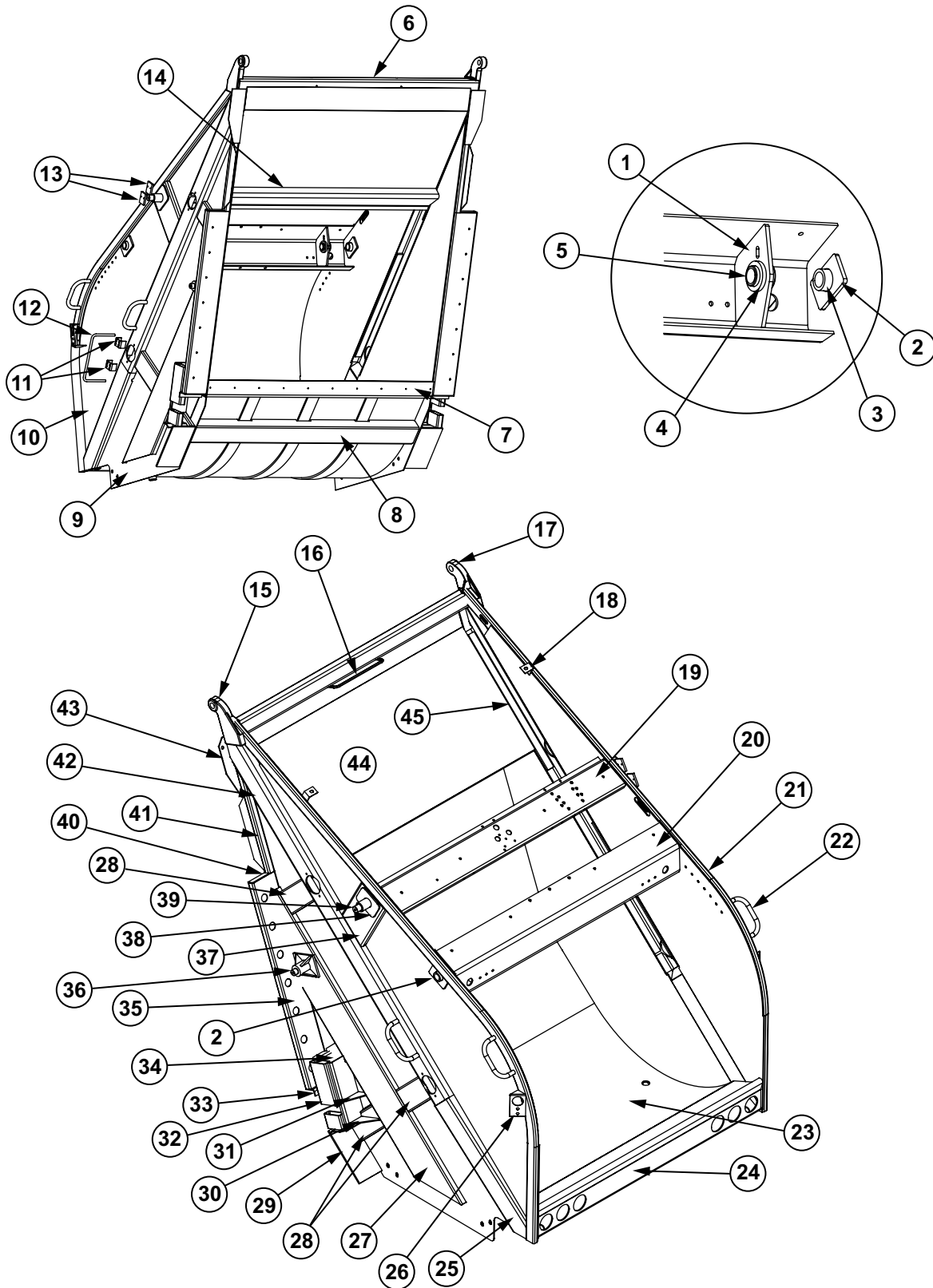
TAILGATE WELDMENT - Auto Latch - Standard

Before S/N 20642

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700063	BRACE, Carrier Cylinder Mount	2
2	700005	COVER, Slot	4
3	603597	HUB, Outer 3" Long	2
4	204947	HUB	2
5	204945	HUB, Inner	2
6	306006	TUBE, Hinge	1
7	700566	GUARD, Cylinder Spill	2
8	700017	ANGLE, Hopper Bottom	1
9	700022	CHANNEL, Hopper Cross	1
10	700004	SHEET, Side Lower	2
11	700003	SHEET, Side Upper	2
12	209784	BRACKET, Bearing Block	2
13	209932	GUARD, Tailgate Controls	1
14	107824	PAD, Bearing Block	2
15	700064	WIPER, Heavy Duty	1
16	300343	HINGE, Tailgate LH	1
17	208623	BAR, Safety Tethers	1
18	300344	HINGE, Tailgate RH	1
19	700191	BRACKET, Crossover	2
20	700040	PLATE, Valve Mounting	1
21	700041	CHANNEL, Cross	1
22	700021	CHANNEL, Tailgate Cross	1
23	700002	FISH HOOK, LH	1
	700012	FISH HOOK, RH	1
24	15251	HANDLE, Grab	4
25	700016	BOTTOM, Hopper	1
	SR-9047	PIPE, Drain	2
26	700019	EDGE, Loading	1
27	700007	EXTENSION, Track Channel LH	1
	700013	EXTENSION, Track Channel RH	1
28	306424	BRACKET, Combo Light and Switch	2
	700625	BRACKET, Accessory Switch (Not Shown)	1
29	700011	CHANNEL, Horizontal LH	1
	700014	CHANNEL, Horizontal RH	1
30	700010	CHANNEL, Hopper Side	6
31	701021	GUARD, Splash	2
32	701017	WELDMENT, Guide Tube LH	1
	701009	WELDMENT, Guide Tube RH	1
33	700006	TUBE, Lower Seal	2
34	701002	WELDMENT, Pivot Auto Latch Cylinder	2
35	701475	CHANNEL, Lift Pin LH	1
	701716	CHANNEL, Lift Pin RH	1
36	701477	PLATE, Lift Pin	2
37	700043	PIVOT, Tailgate Lift Cylinder	2
38	700050	TUBE, Upper	2
39	400394	CHANNEL, Track RH	1
	400395	CHANNEL, Track LH	1
40	200722	GUARD, Cylinder Spill	2
41	300501	PARTITION, Center	1
42	204106	BAR, Track	4

SECTION 1

TAILGATE WELDMENT - Auto Latch - Standard After S/N 20641



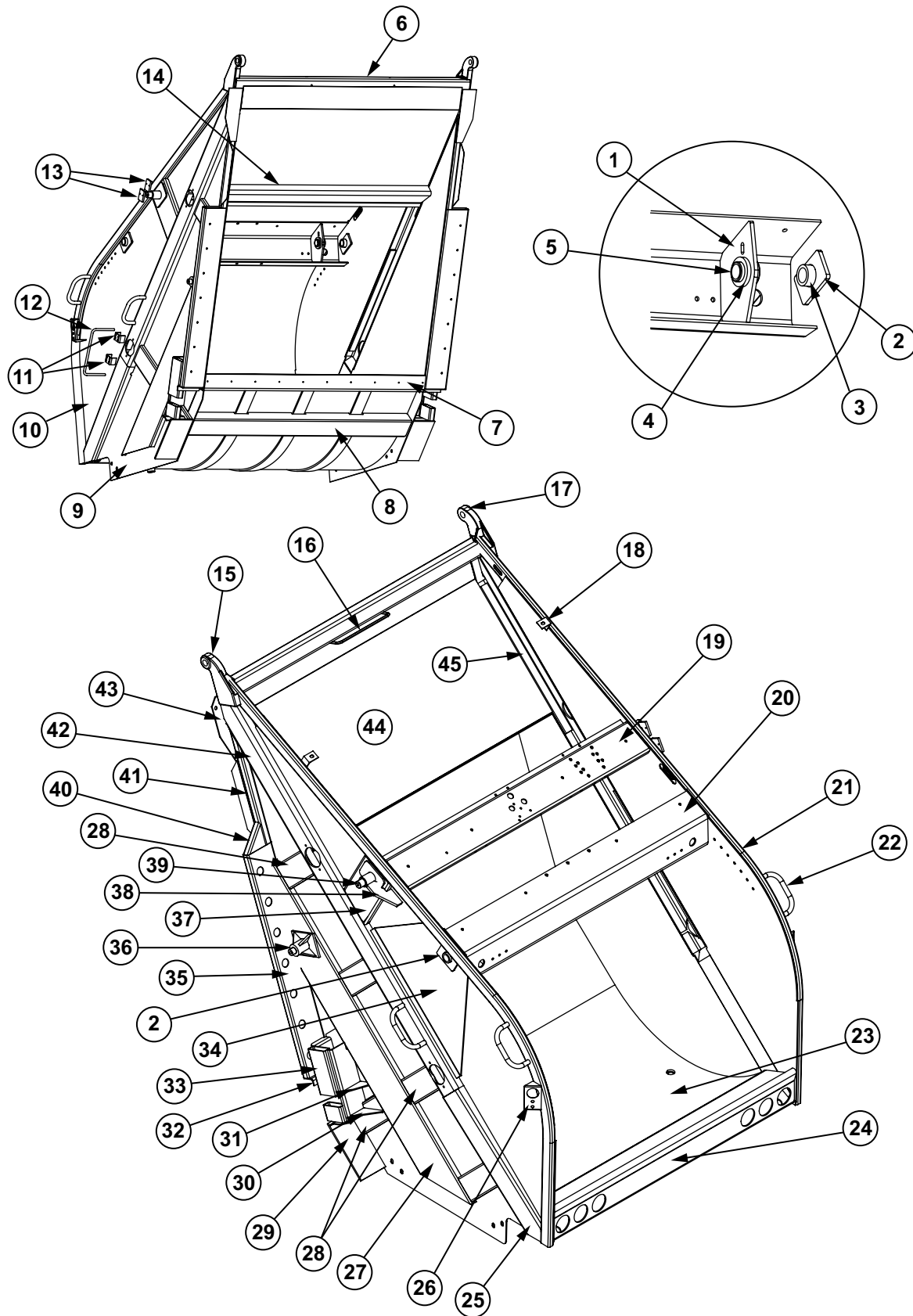
TAILGATE WELDMENT - Auto Latch - Standard

After S/N 20641

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700063	BRACE, Carrier Cylinder Mount	2
2	700005	COVER, Slot	4
3	603597	HUB, Outer 3" Long	2
4	204947	HUB	2
5	204945	HUB, Inner	2
6	306006	TUBE, Hinge	1
7	700017	ANGLE, Hopper Bottom	1
8	700022	CHANNEL, Hopper Bottom	1
9	700004	SHEET, Side Lower	2
10	700003	SHEET, Side Upper	2
11	209784	BRACKET, Bearing Block	2
12	209932	GUARD, Tailgate Controls	1
13	107824	PAD, Bearing Block	2
14	700064	WIPER, Heavy Duty	1
15	300343	HINGE, Tailgate LH	1
16	208623	BAR, Safety Tethers	1
17	300344	HINGE, Tailgate RH	1
18	700191	BRACKET, Crossover	2
19	702964	CHANNEL, Valve Mounting	1
20	700021	CHANNEL, Tailgate Cross	1
21	700002	FISH HOOK, LH	1
	700012	FISH HOOK, RH	1
22	15251	HANDLE, Grab	4
23	700016	BOTTOM, Hopper	1
	SR-9047	PIPE, Drain	2
24	700019	EDGE, Loading	1
25	700007	EXTENSION, Track Channel LH	1
	700013	EXTENSION, Track Channel RH	1
26	306424	BRACKET, Combo Light and Switch	2
	700625	BRACKET, Accessory Switch (Not Shown)	1
27	700011	CHANNEL, Horizontal LH	1
	700014	CHANNEL, Horizontal RH	1
28	700010	CHANNEL, Hopper Side	6
29	701021	GUARD, Splash	2
30	706302	GUSSET, Auto Latch Rear	2
31	706301	GUSSET, Auto Latch Forward	2
32	701017	WELDMENT, Guide Tube LH	1
	701009	WELDMENT, Guide Tube RH	1
33	701024	BRACKET, Tube Seal Angle Cover	2
34	700995	PLATE, Backing	2
35	700006	TUBE, Lower Seal	2
36	701002	WELDMENT, Pivot Auto Latch Cylinder	2
37	701475	CHANNEL, Lift Pin LH	1
	701716	CHANNEL, Lift Pin RH	1
38	701477	PLATE, Lift Pin	2
39	700043	PIVOT, Tailgate Lift Cylinder	2
40	724084	GUSSET	2
41	700050	TUBE, Upper	2
42	400394	CHANNEL, Track RH	1
	400395	CHANNEL, Track LH	1
43	200722	GUARD, Cylinder Spill	2
44	300501	PARTITION, Center	1
45	204106	BAR, Track	4

SECTION 1

TAILGATE WELDMENT - Auto Latch - Commercial

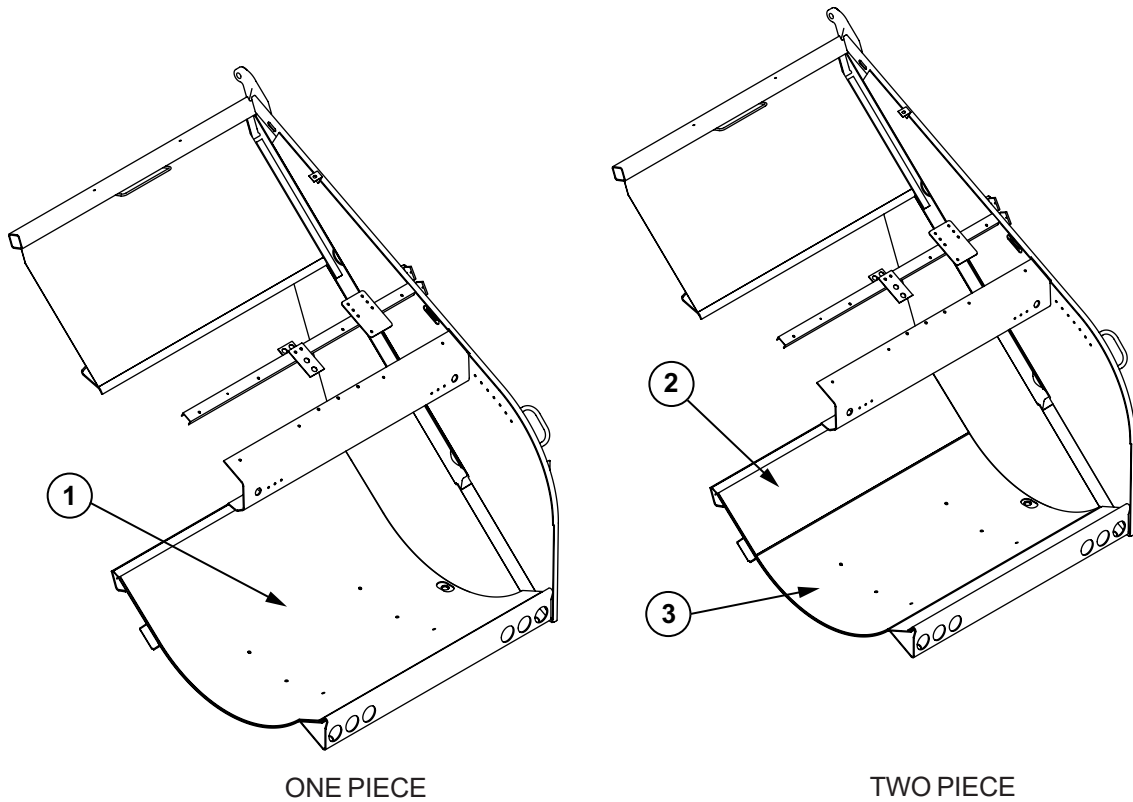


TAILGATE WELDMENT - Auto Latch - Commercial

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700063	BRACE, Carrier Cylinder Mount	2
2	700005	COVER, Slot	4
3	603597	HUB, Outer 3" Long	2
4	204947	HUB	2
5	204945	HUB, Inner	2
6	306006	TUBE, Hinge	1
7	700017	ANGLE, Hopper Bottom	1
8	700022	CHANNEL, Hopper Cross	1
9	700004	SHEET, Side Lower	2
10	700003	SHEET, Side Upper	2
11	209784	BRACKET, Bearing Block	2
12	209932	GUARD, Tailgate Controls	1
13	107824	PAD, Bearing Block	2
14	700064	WIPER, Heavy Duty	1
15	300343	HINGE, Tailgate LH	1
16	208623	BAR, Safety Tethers	1
17	300344	HINGE, Tailgate RH	1
18	700191	BRACKET, Crossover	2
19	702964	CHANNEL, Valve Mounting	1
20	700021	CHANNEL, Tailgate Cross	1
21	700002	FISH HOOK, LH	1
	700012	FISH HOOK, RH	1
22	15251	HANDLE, Grab	4
23	700083	BOTTOM, Hopper	1
	SR-9047	PIPE, Drain	2
24	700019	EDGE, Loading	1
25	700007	EXTENSION, Track Channel LH	1
	700013	EXTENSION, Track Channel RH	1
26	306424	BRACKET, Combo Light and Switch	2
27	700011	CHANNEL, Horizontal LH	1
	700014	CHANNEL, Horizontal RH	1
28	700010	CHANNEL, Hopper Side	6
29	701021	GUARD, Splash	2
30	706302	GUSSET, Rear	2
31	706301	GUSSET, Forward	2
32	701024	BRACKET, Seal Tube Angle Cover	2
33	701017	WELDMENT, Guide Tube LH	1
	701009	WELDMENT, Guide Tube RH	1
34	723933	SHEET, Side Upper LH	1
	723943	SHEET, Side Upper RH	1
35	700006	TUBE, Lower Seal	2
36	701002	WELDMENT, Pivot Auto Latch Cylinder	2
37	701475	CHANNEL, Lift Pin LH	1
	701716	CHANNEL, Lift Pin RH	1
38	701477	PLATE, Lift Pin	2
	716293	GUSSET	2
39	700043	PIVOT, Tailgate Lift Cylinder	2
40	724084	GUSSET	2
41	700050	TUBE, Upper	2
42	400394	CHANNEL, Track RH	1
	700395	CHANNEL, Track LH	1
43	200722	GUARD, Cylinder Spill	2
44	303235	PARTITION, Center	1
45	204106	BAR, Track	4

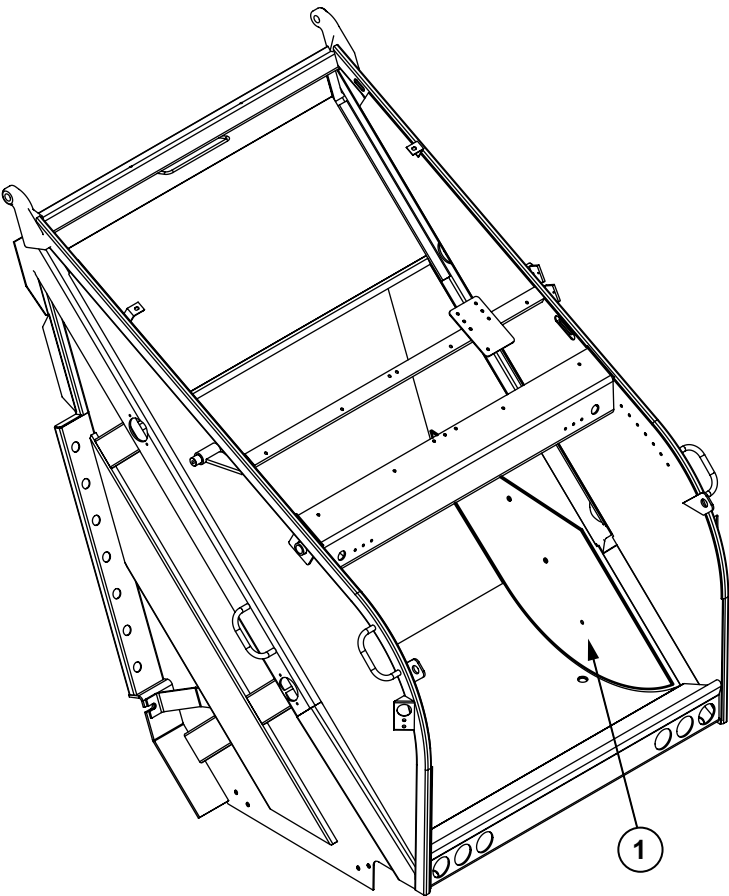
SECTION 1

TAILGATE HOPPER LINERS (Optional)



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700512	LINER, Hopper 1/4" (One Piece)	1
2	700499	LINER, Hopper 1/4" (Two Piece)	1
3	700498	LINER, Hopper 1/4" (Two Piece)	1

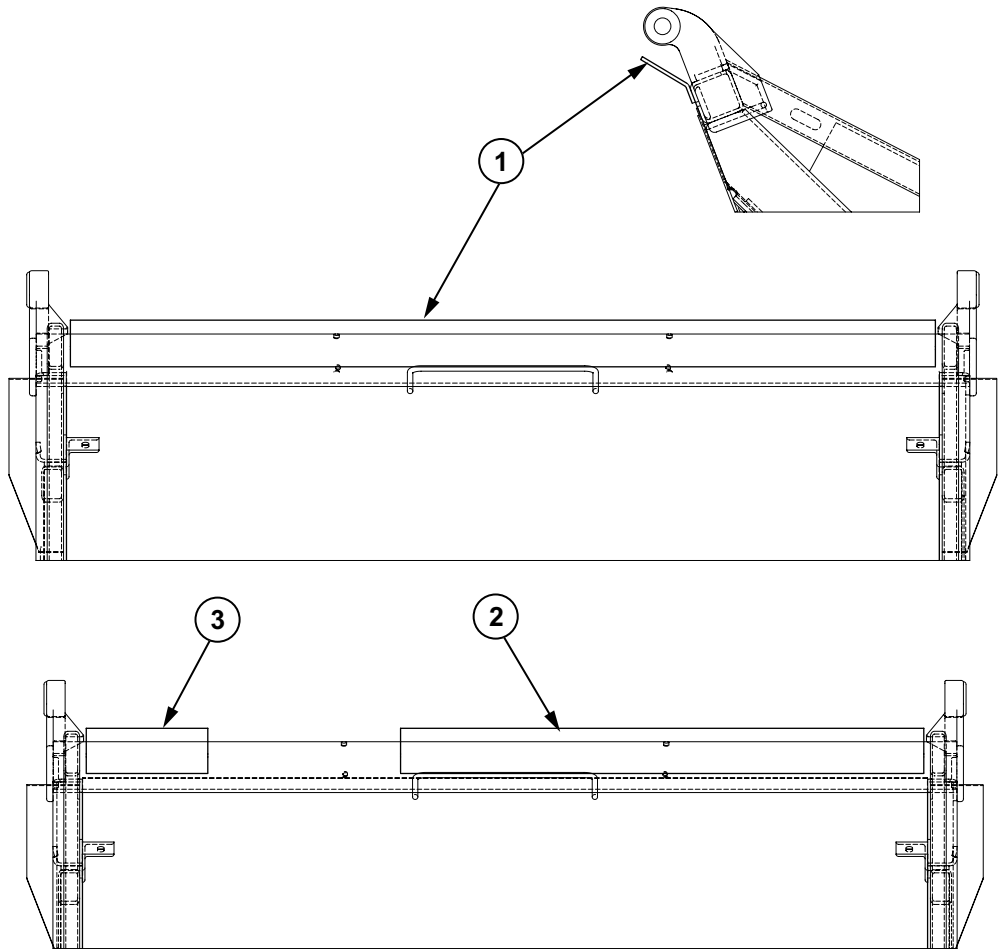
TAILGATE HOPPER SIDE LINERS (Optional)



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700497	LINER, Hopper Side 1/4"	2

SECTION 1

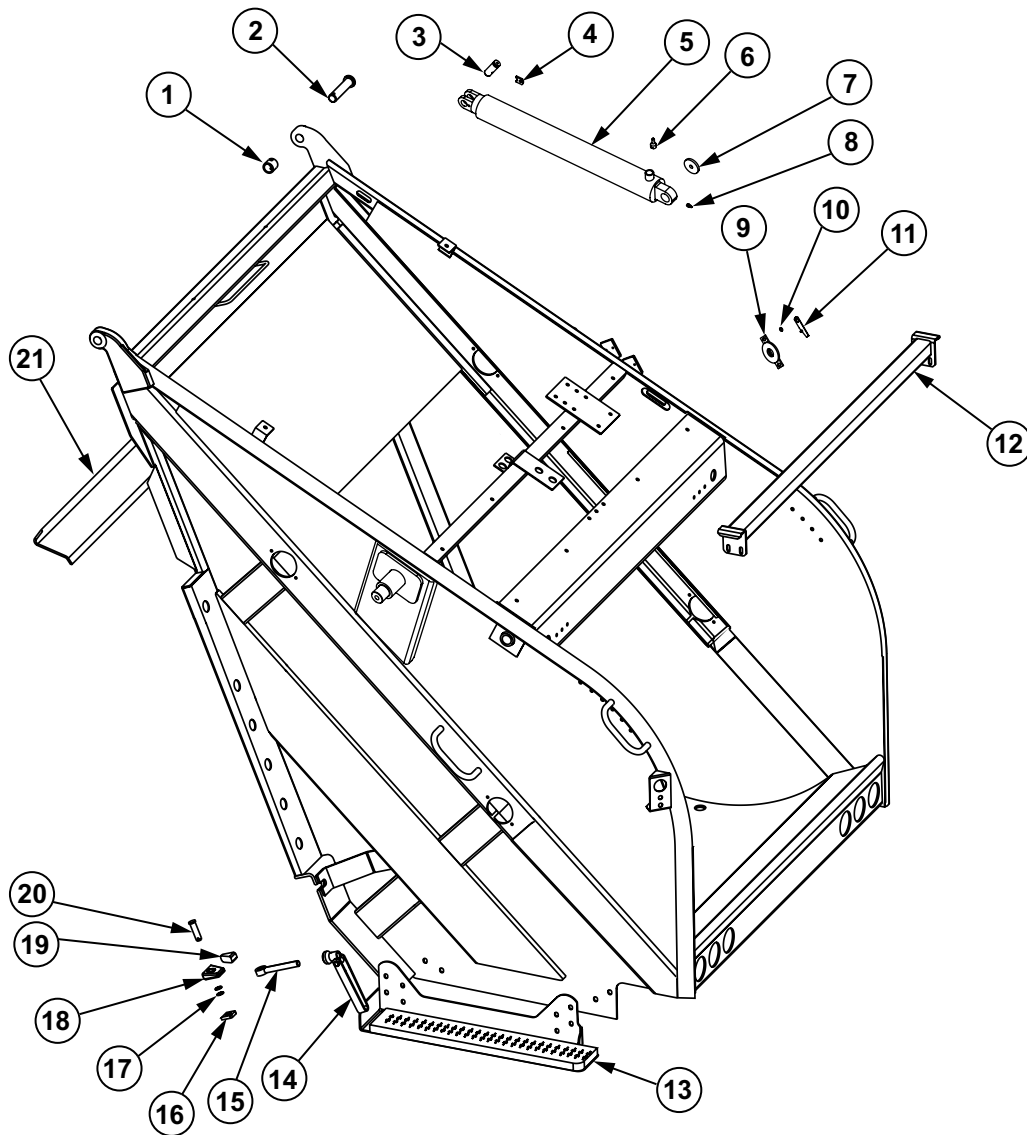
TAILGATE MATERIAL DEFLECTOR (Optional)



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700339	DEFLECTOR, Full Length (Standard Body)	1
2	603179	DEFLECTOR, Curb Side (Low Profile Body)	1
3	603180	DEFLECTOR, Street Side (Low Profile Body)	1

SECTION 1

TAILGATE ASSEMBLY



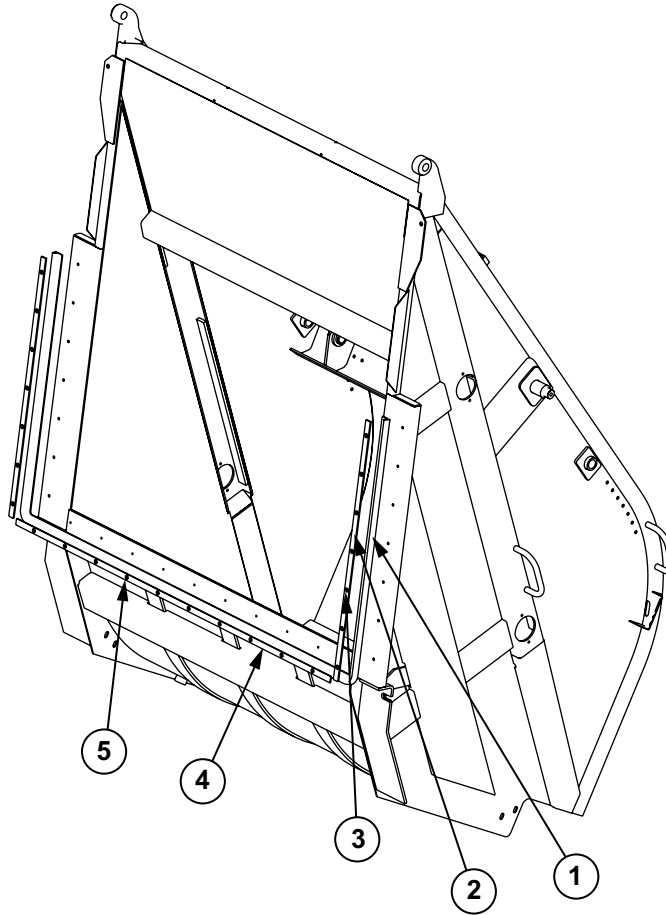
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	201124	RETAINER	2
	977-7	WASHER	AR
	F1076	CAPSCREW, 1/2" x 2 3/4"	2
	F3325	NUT, Elastic Stop 1/2"	2
2	203553	PIN, Hinge	2
3	PO-420	PIN, Tailgate Lift Cylinder Rod End	2
4	PO-421	REATAINER, Pin	2
	F0277	CAPSCREW, 3/8" x 1"	2
	F7875	WASHER, Lock 3/8"	2
5	701479	CYLINDER, Tailgate Lift Before Serial Number 21168	2
	709174	CYLINDER, Tailgate Lift After Serial Number 21167	2
6	701845	PIN, Restriction	2
	101161	CONNECTOR	2

TAILGATE ASSEMBLY

REF. NO.	PART NO.	DESCRIPTION	QTY.
7	31937	RETAINER	2
	F1300	CAPSCREW, 5/8" x 1"	2
	F8051	WASHER, Lock 5/8"	2
8	16170	ZERK, Grease	2
9	201735	WELDMENT, Track Hole Cover	4
	F0850	CAPSCREW, 1/2" x 3/4"	8
	F7975	WASHER, Lock 1/2"	8
10	35784	SPACER	4
11	200313	COVER, Grease Hole	4
12	700135	WELDMENT, Stop Bar	1
	F0979	CAPSCREW, 1/2" x 1 1/2"	4
	F7375	WASHER, Flat 1/2"	8
	F3325	NUT, Elastic Stop 1/2"	4
	700215	STEP, Standard RH	1
13	700216	STEP, Standard LH	1
	700482	STEP, Ansi Max RH	1
	700483	STEP, Ansi Max LH	1
	700550	STEP, Standard for Tag Axle RH	1
	700551	STEP, Standard for Tag Axle LH	1
	702366	STEP, Ansi Max for Tag Axle RH	1
	702369	STEP, Ansi Max for Tag Axle LH	1
	F1380	CAPSCREW, 5/8" x 1 3/4"	8
	F1480	CAPSCREW 5/8" x 2 1/2" (For Tag Axle Ansi Max)	8
	F7425	WASHER, Flat 5/8"	16
	728068	NUT, Wiz 5/8"	8
14	PO-2299	ASSEMBLY, Tailgate Clamp Before Serial Number 20340	2
	703225	ASSEMBLY, Tailgate Clamp After Serial Number 20339	2
	F7575	WASHER, Flat 1" ID x 2 1/2" OD	2
15	PO-247	BOLT, Clamp Before Serial Number 20340	2
	210427	BOLT, Clamp Tag Axle Before Serial Number 20340	2
	703219	BOLT, Clamp After Serial Number 20339	2
	703218	BOLT, Clamp Tag Axle After Serial Number 20339	2
NOTE: Reference TSA-02-R20 For Tailgate Clamp Information			
16	PO-159	PIVOT, Clamp Before Serial Number 40024	2
	706760	PIVOT, Clamp After Serial Number 40023	2
17	PO-687	SPACER, Clamp Ear	6
18	301469	GUIDE, Body LH Before Serial Number 40024	1
	301470	GUIDE, Body RH Before Serial Number 40024	1
	706729	GUIDE, Body LH After Serial Number 40023	1
	706728	GUIDE, Body RH After Serial Number 40023	1
	F7600	WASHER, Flat 1"	8
19	PO-1504	GUIDE, Tailgate	2
20	PO-1501	PIN, Clevis Tailgate Clamp	2
	F7600	WASHER, Flat 1"	4
	F6875	PIN, Cotter 1/4" x 1 3/4"	2
21	700064	WIPER, Heavy Duty	1

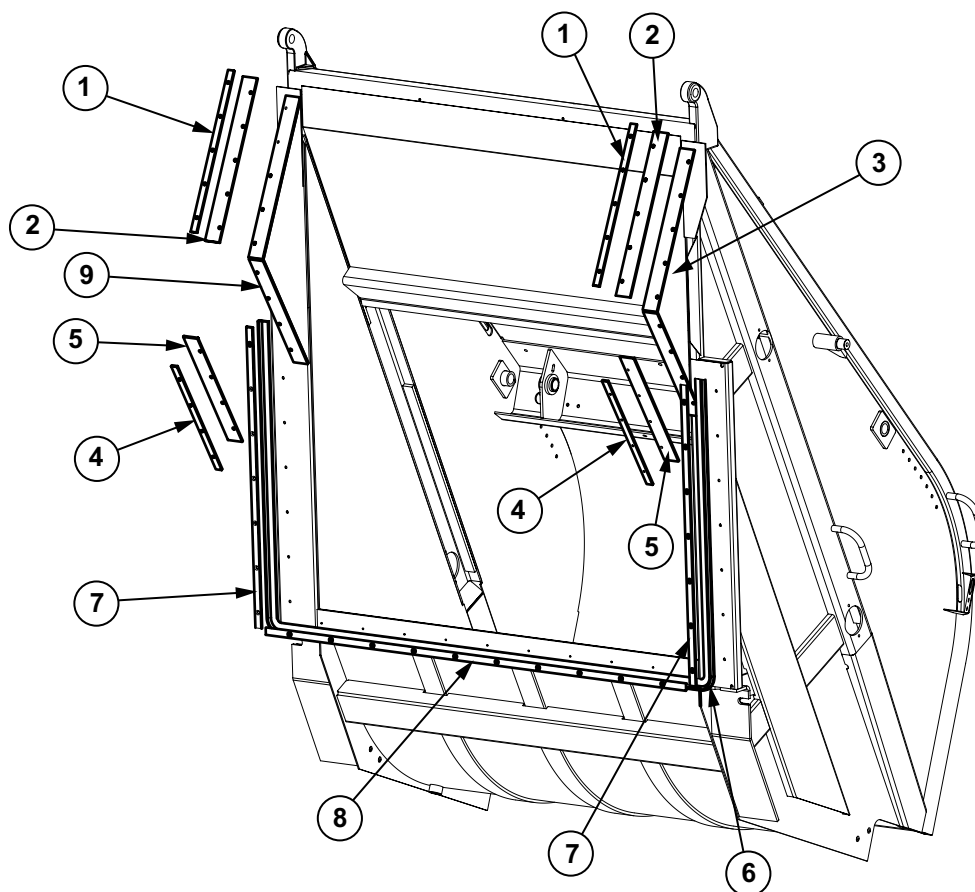
SECTION 1

TAILGATE SEAL - STANDARD



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	713217	SEAL, Tailgate	1
2	700076	BAR, Seal Side Standard	2
	700572	BAR, Seal Side Tag Axle	2
3	F0327	CAPSCREW, 3/8"-16 x 1 1/4"	14
	F7875	WASHER, Lock 3/8"	14
	F2976	NUT, Hex 3/8"-16	14
4	700078	BAR, Seal Cross Standard	1
	400102	BAR, Seal Cross Tag Axle	1
5	F0272	SCREW, Socket 3/8"-16 x 1" Standard	10
	F0327	CAPSCREW, 3/8"-16 x 1 1/4" Tag Axle	10
	F7875	WASHER, Lock 3/8"	10
	F2976	NUT, Hex 3/8"-16	10

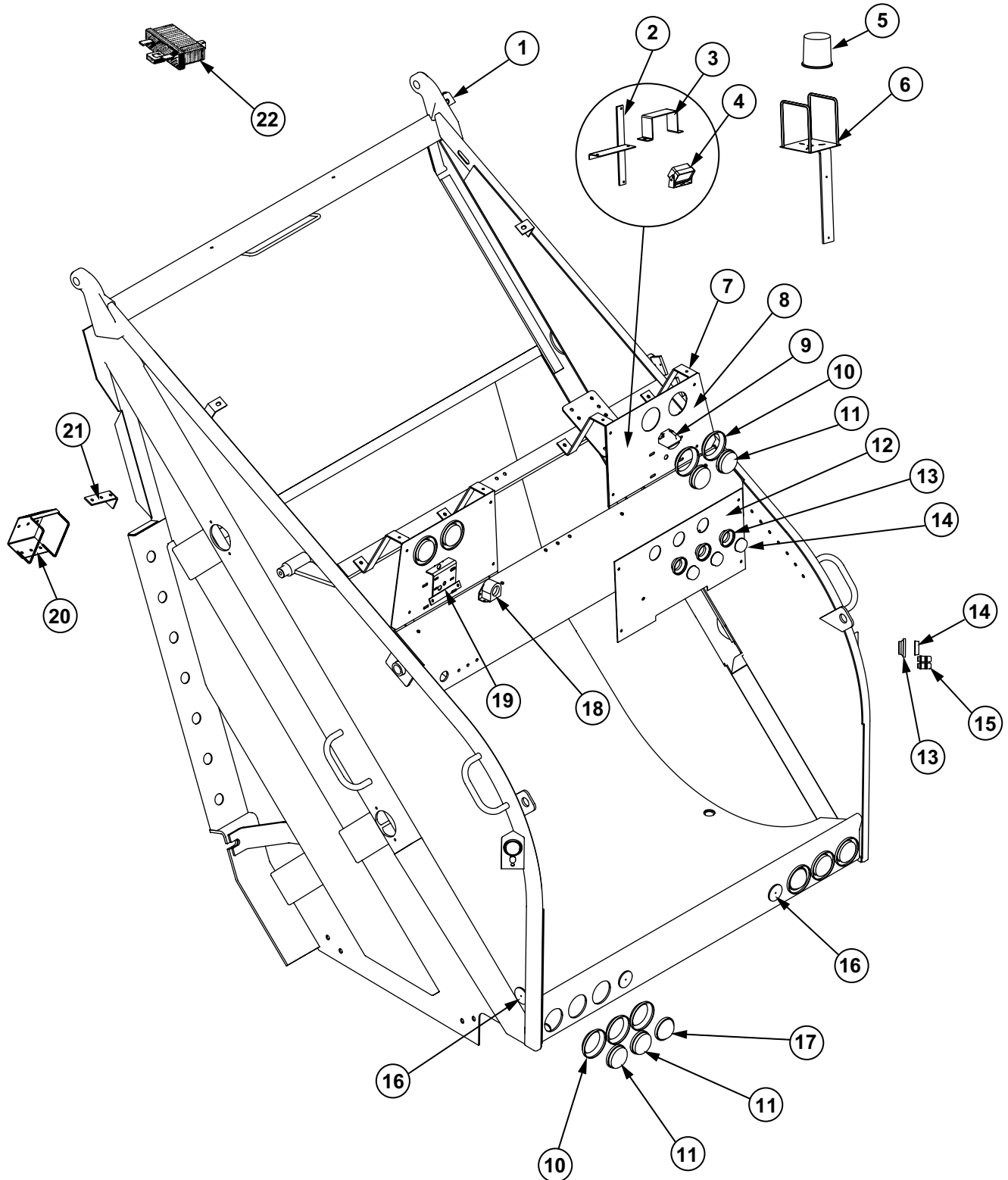
TAILGATE SEAL - FULL



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	603315	BAR, Extended Tailgate Seal Long	2
	F5850	CAPSCREW, Flat Socket Head 3/8" x 1 1/2"	10
	F7875	WASHER, Lock 3/8"	10
	F2975	NUT, 3/8"	10
2	603316	STRIP, Rubber Extended Tailgate Seal Long	2
3	603331	WELDMENT, Extended Tailgate Seal LH	1
4	603230	BAR, Extended Tailgate Seal Short	2
	F5850	CAPSCREW, Flat Socket Head 3/8" x 1 1/2"	8
	F7878	WASHER, Lock 3/8"	8
	F2975	NUT, 3/8"	8
5	603243	STRIP, Rubber Extended Tailgate Seal Short	2
6	713217	SEAL, Tailgate	1
7	700076	BAR, Side Tailgate Seal	2
	F5800	CAPSCREW, Flat Socket Head 3/8" x 1 1/4"	14
	F7875	WASHER, Lock 3/8"	14
	F2975	NUT, 3/8"	14
8	700078	BAR, Cross Tailgate Seal	1
	F5675	CAPSCREW, Flat Socket Head 3/8" x 1"	10
	F7875	WASHER, Lock 3/8"	10
	F2975	NUT, 3/8"	10
9	603330	WELDMENT, Extended Tailgate Seal RH	1

SECTION 1

TAILGATE ELECTRICAL

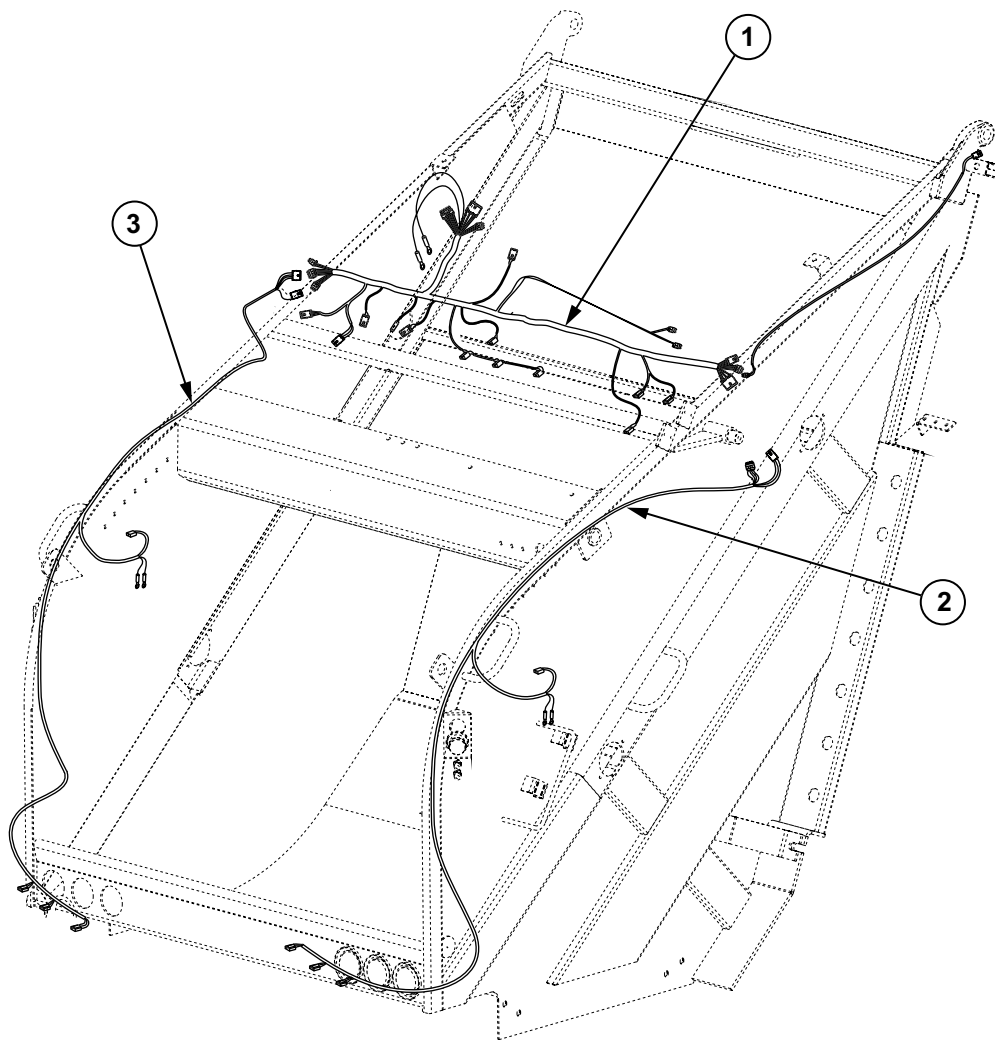


TAILGATE ELECTRICAL

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	605675	SWITCH, Tailgate Ajar	1
	602278	BRACKET, Tailgate Ajar Switch	1
2	700364	WELDMENT, Camera Mount	1
3	700361	GUARD, Camera	1
4	701325	CAMERA, Intec SIN	1
	605704	CAMERA, Intec L-1N	1
	605814	CAMERA, Intec L-2N	1
	601917	CAMERA, Intec L-1S	1
	605601	CAMERA, Sentinal RV72	1
	208889	CAMERA, Clarion CK8504BC	1
5	705656	LIGHT, Beacon	AR
	605653	LIGHT, Strobe Clear	AR
	106915	LIGHT, Strobe Amber Preco	AR
	601857	LIGHT, Strobe Amber Target Tech	AR
6	700231	WELDMENT, Bracket Beacon/Strobe	AR
	108068	SPACER (Not Shown)	2
	F0205	CAPSCREW, 5/16" x 1 3/4"	2
	F7175	WASHER, Flat 5/16"	2
7	700065	BRACKET, Light Panel Support	4
8	700068	PANEL, Light For 4" Lights	2
	F0190	CAPSCREW, 5/16" x 1 1/2"	8
	F7200	WASHER, Flate 5/16"	8
	F2892	NUT, Nylock 5/16"	8
9	107687	LAMP, License Plate	1
	107837	BRACKET, License Plate Lamp	1
10	40620	GROMMET, 4"	10
11	107663	LAMP, Amber 4"	4
	109165	LAMP, Amber 4" LED	4
	605938	ADAPTER, For Amber LED Lights	4
	107791	LAMP, Red 4"	4
	109164	LAMP, Red 4" LED	4
	605937	ADAPTER, For Red LED Lights	4
12	700067	PANEL, Light Center	1
13	104977	GROMMET, 2 1/2"	5
14	40624	LAMP, Marker 2 1/2" Red	5
	109166	LAMP, Marker 2 1/2" Red LED	5
	605936	ADAPTER, For LED Marker Lights	5
15	33179	BUTTON, Push	AR
16	16136	REFLECTOR, Red	4
	16133	RIVET, Pop	4
17	107790	LAMP, Backup 4"	2
	606191	LAMP, Backup 4" LED	2
18	107550	ALARM, Backup	1
	107307	ALARM, Backup Dual Rate	1
19	700044	BRACKET, Backup Alarm	1
20	602921	WELDMENT, Light Bracket For 5" Light	2
	40746	LAMP, Utility (Not Shown)	2
	209490	LAMP, Utility Halogen (Not Shown)	2
21	700280	ANGLE, Work Light	2
	701307	ANGLE, Work Light For Halogen Light LH	1
	701310	ANGLE, Work Light For Halogen Light RH	1
22	604863	BUZZER, Driver Signal (In Cab) Dual Rate	1

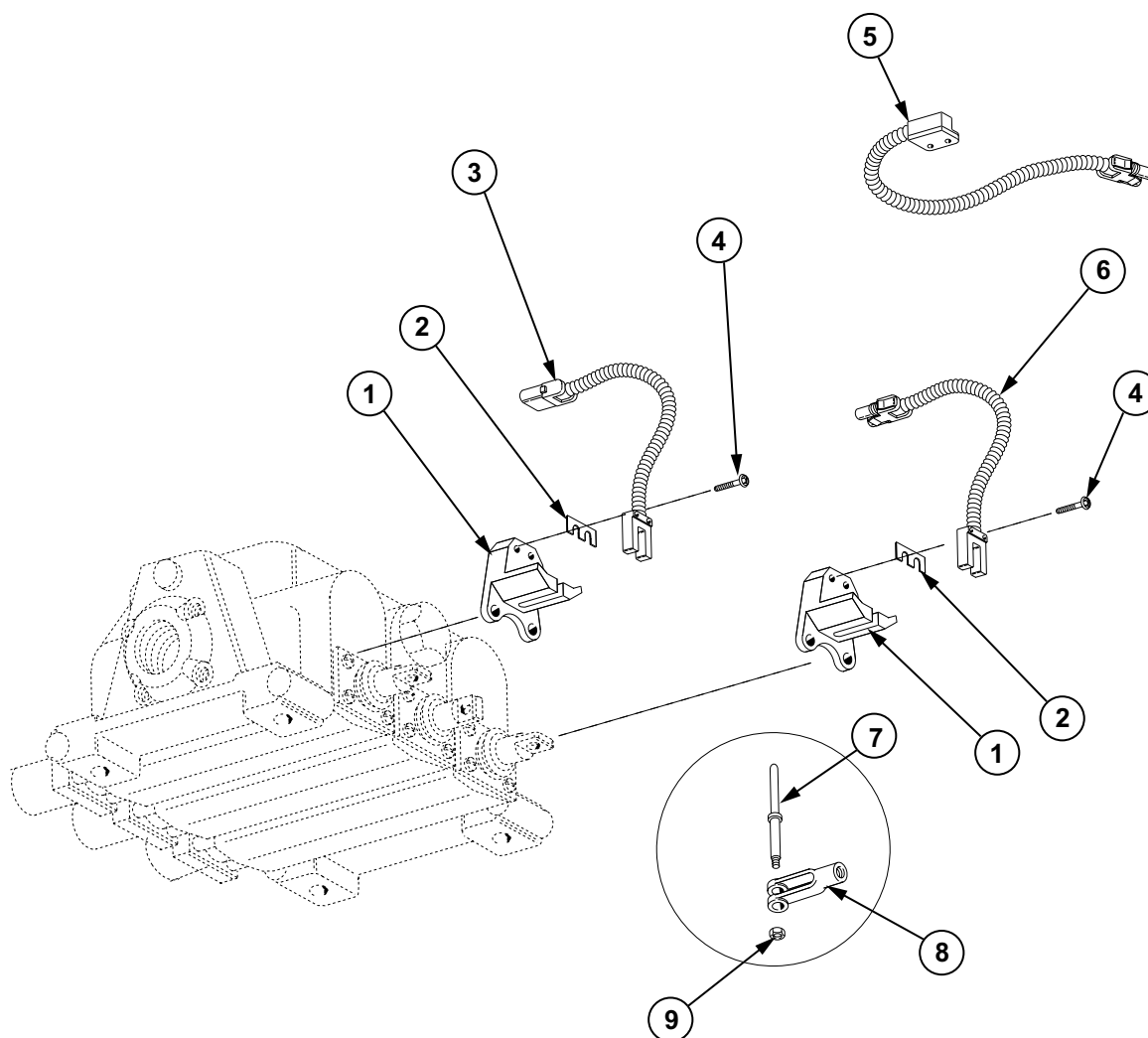
SECTION 1

TAILGATE WIRING

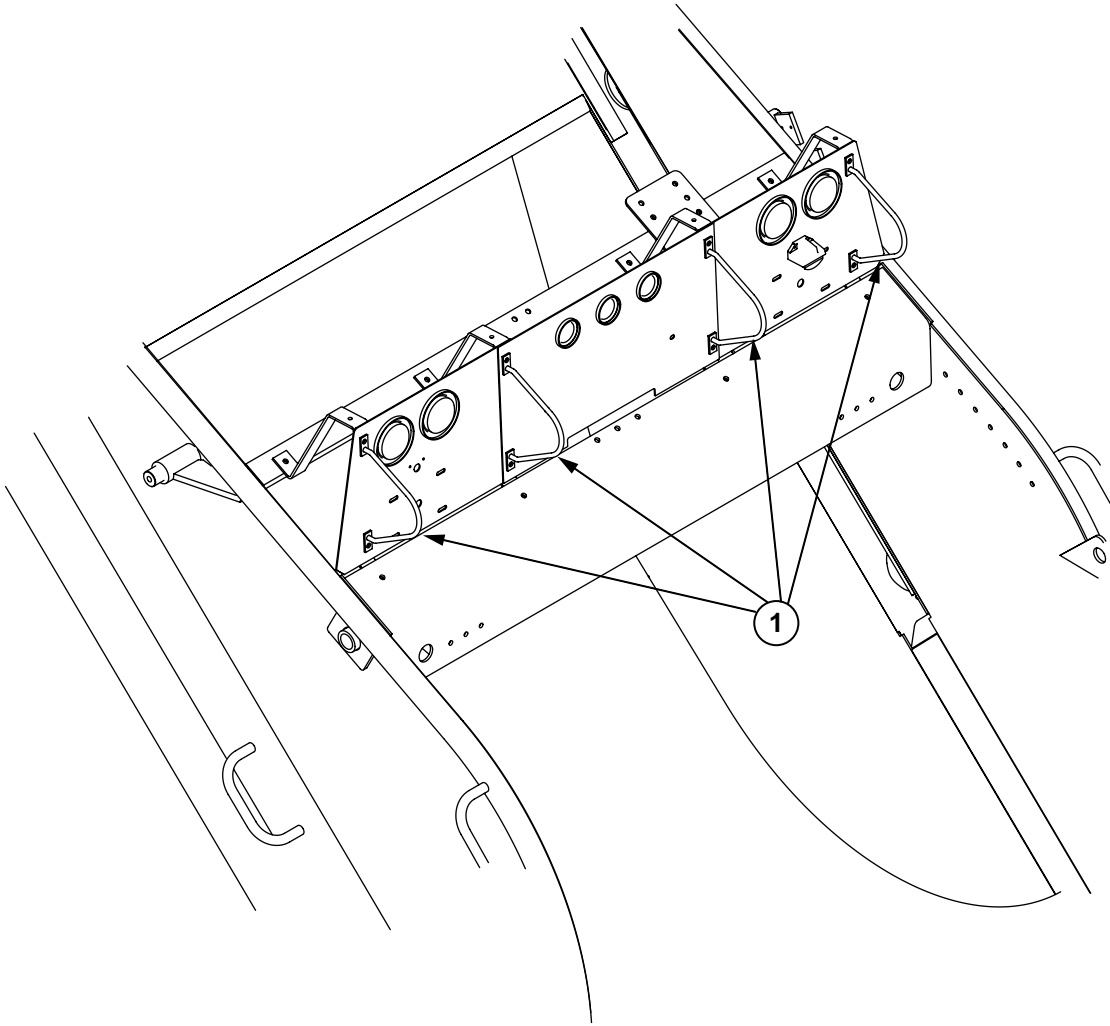


REF. NO.	PART NO.	DESCRIPTION	QTY.
1	605617	HARNESS, Light Panel	1
2	605620	HARNESS, Fish Hook RH	1
3	605619	HARNESS, Fish Hook LH	1

PROXIMITY SWITCHES, Speed Up, Ajar, Speed Limit

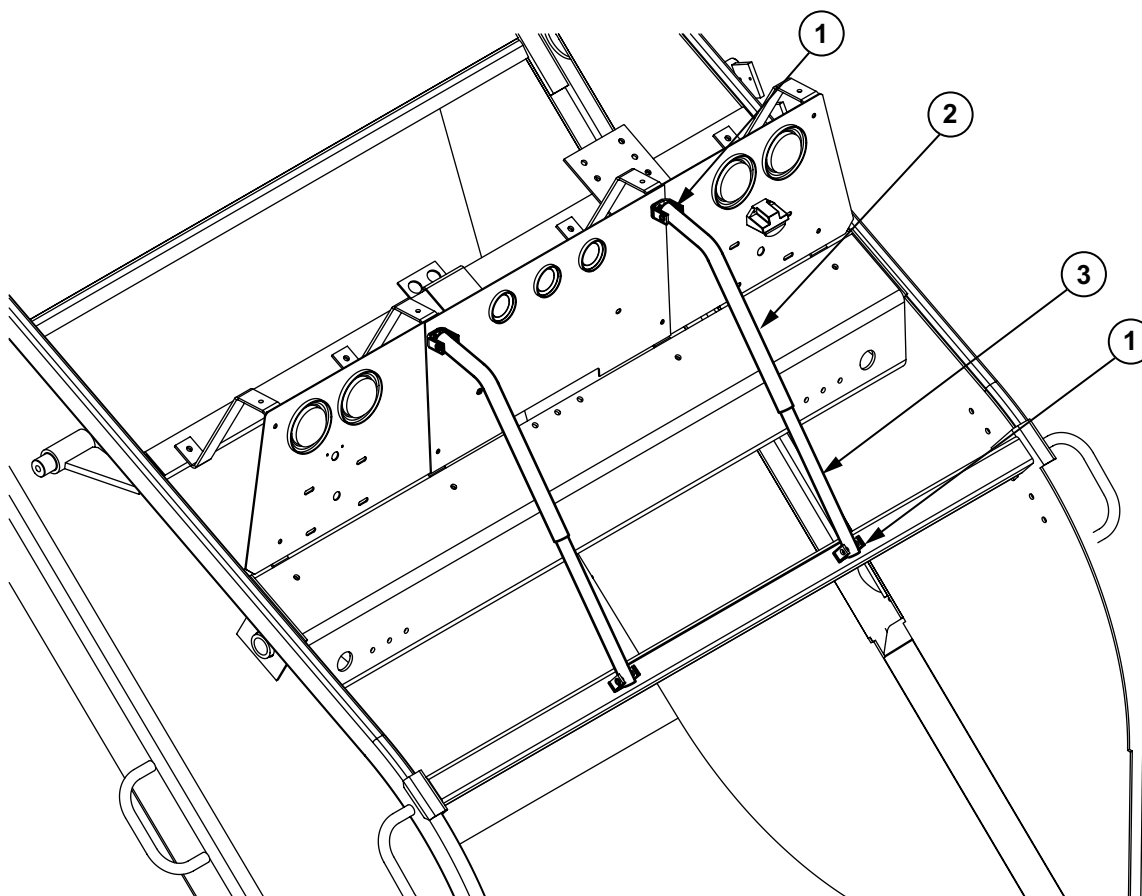


REF. NO.	PART NO.	DESCRIPTION	QTY.
1	602951	BRACKET, Switch	1
2	601996	SHIM	AR
3	SERV02418	SWITCH, Proximity Speed Up (Was 605630, no longer available)	1
4	F8219	SCREW, Machine #8 x 1"	2
5	605675	SWITCH, Proximity Tailgate Ajar	1
6	605629	SWITCH, Proximity Speed Limit (Optional)	1
7	700332	PIN, Extended Clevis Speed Up	1
	602592	PIN, Extended Clevis Speed Limit	1
8	104696	END, Rod	1
9	F2815	NUT, Lock 1/4"	1
	604128	SWITCH, Proximity Packer Section Speed Up (Optional)(Not Shown)	1

SECTION 1**LIGHT GUARDS - 700255 - Before S/N 16291**

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700127	WEDLMNT, Light Bar Guard	4

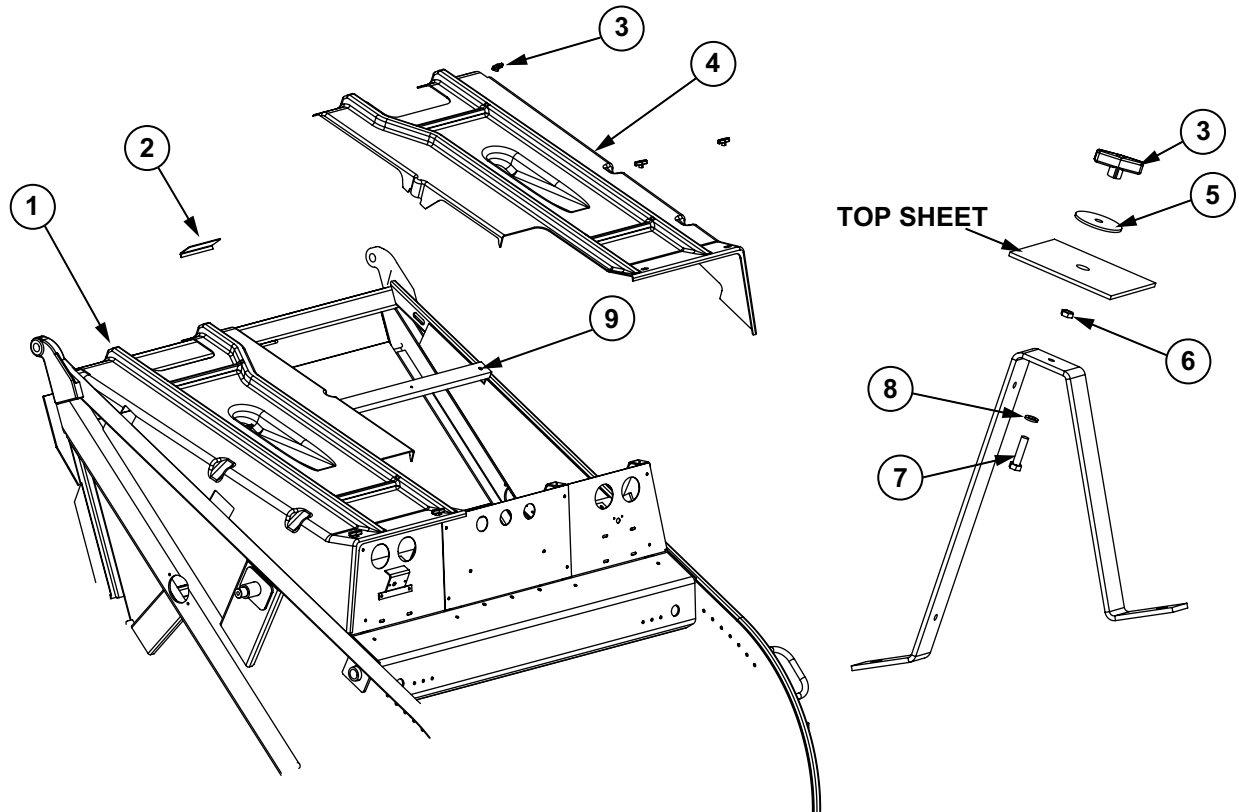
LIGHT GUARDS - 700605 - After S/N 16290



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700770	BRACKET, Light Guard	4
	F1101	CAPSCREW, 1/2" x 3"	4
	F7350	WASHER, Flat 1/2"	8
	F3325	NUT, Elastic Stop 1/2"	4
2	700769	TUBE, Light Guard 1 1/2"	2
3	700768	TUBE, Light Guard 1 1/4"	2

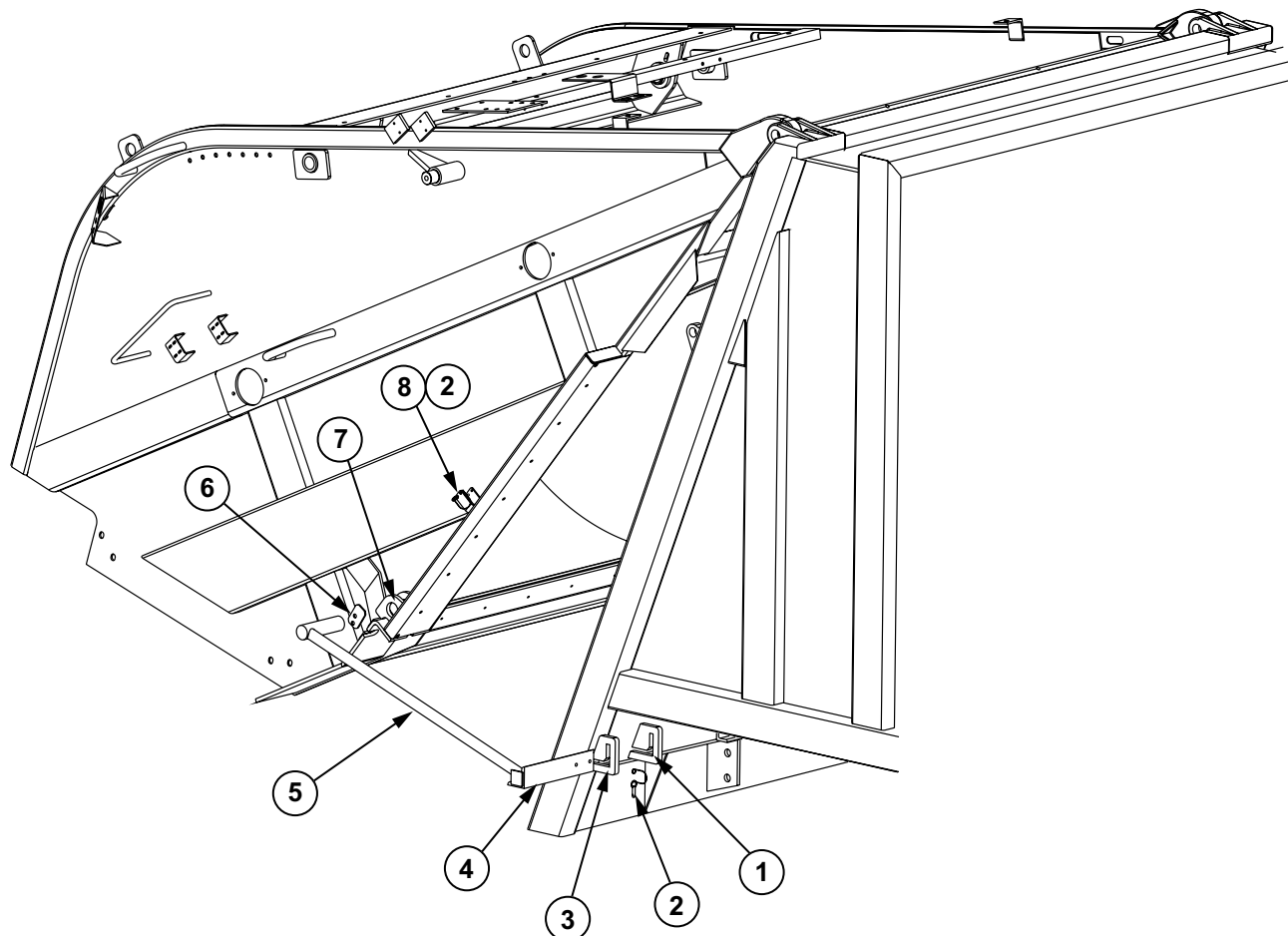
SECTION 1

TOP SHEETS



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700508	COVER, Top LH	1
	707417	COVER, Top With Winch Cutout LH	1
2	700584	ANGLE, Top Cover	1
3	700426	KNOB, Top Cover	6
4	700507	COVER, Top RH	1
	707416	COVER, Top With Winch Cutout RH	1
5	F7285	WASHER, 3/8" ID x 2 1/2" OD	6
6	F3025	NUT, Jam 3/8"	6
7	F0385	CAPSCREW, 3/8" x 1 1/2"	6
8	F7875	WASHER, Lock 3/8"	6
9	700190	CHANNEL, Crossover	1

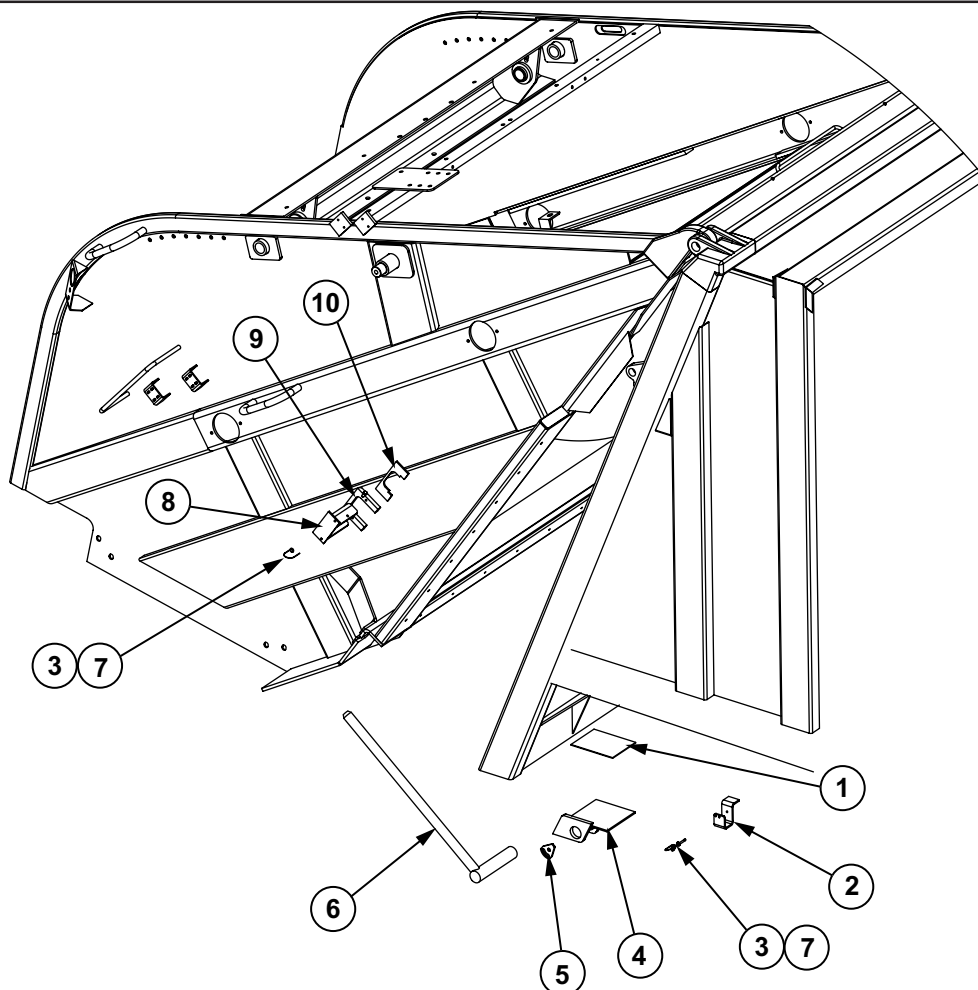
TAILGATE PROPS - Standard - Before S/N 21195



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700269	BEARING, Inner Rest	2
2	700365	PIN, Quick Release	2
	700367	LANYARD, 6" Stainless Steel	2
	F0277	CAPSCREW, 3/8" x 1"	2
	F7250	WASHER, Flat 3/8"	2
	F3075	NUT, Elastic Stop 3/8"	2
3	700270	BEARING, Outer Rest	2
4	700392	WELDMENT, Prop Rest	2
5	700264	WELDMENT, Prop Rod	2
6	700265	STOP, Rest	2
	F0910	CAPSCREW, 1/2" x 1"	4
7	700266	BLOCK, Pivot	4
8	700267	HOLD DOWN, Prop	2
	700599	BUMPER, Neoprene	2

SECTION 1

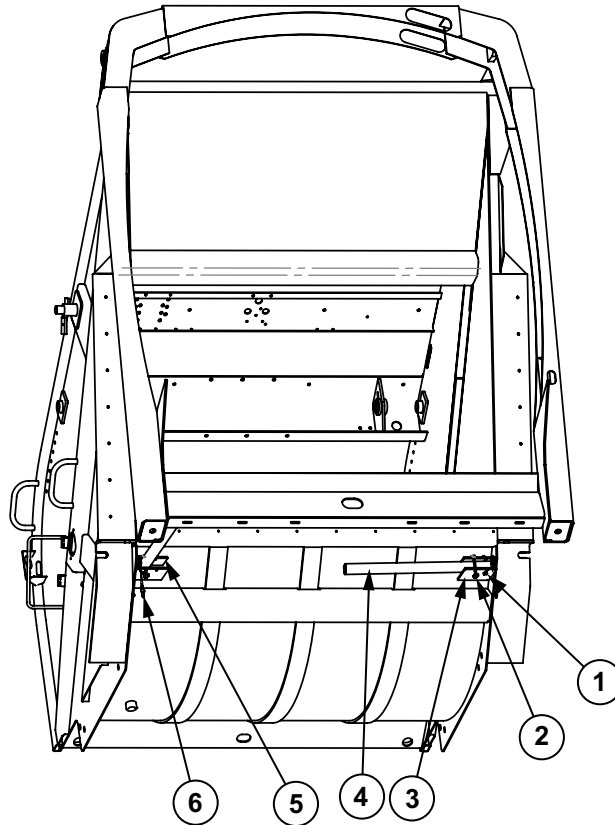
TAILGATE PROPS - Auto Latch - Before S/N 21195



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700735	SPACER, Floor	2
2	700760	BRACKET, Prop Support	2
3	700367	LANYARD, 6"	4
4	700741	WELDMENT, Pivot Block RH	1
	700761	WELDMENT, Pivot Block LH	1
5	700750	STOP, Prop	2
	F0910	CAPSCREW, 1/2" x 1"	4
	F7360	WASHER, Flat Hardened 1/2"	4
	F7975	WASHER, Lock 1/2"	4
6	700739	WELDMENT, Prop Rod	2
7	700777	PIN, Safety Snap 1/4"	2
8	700742	WELDMENT, Prop Rest	2
9	700743	BLOCK, Support	2
	F0255	CAPSCREW, 3/8" x 3/4" Nylock	2
10	700744	BLOCK, Inside Support	2

TAILGATE PROPS - Standard & Auto Latch

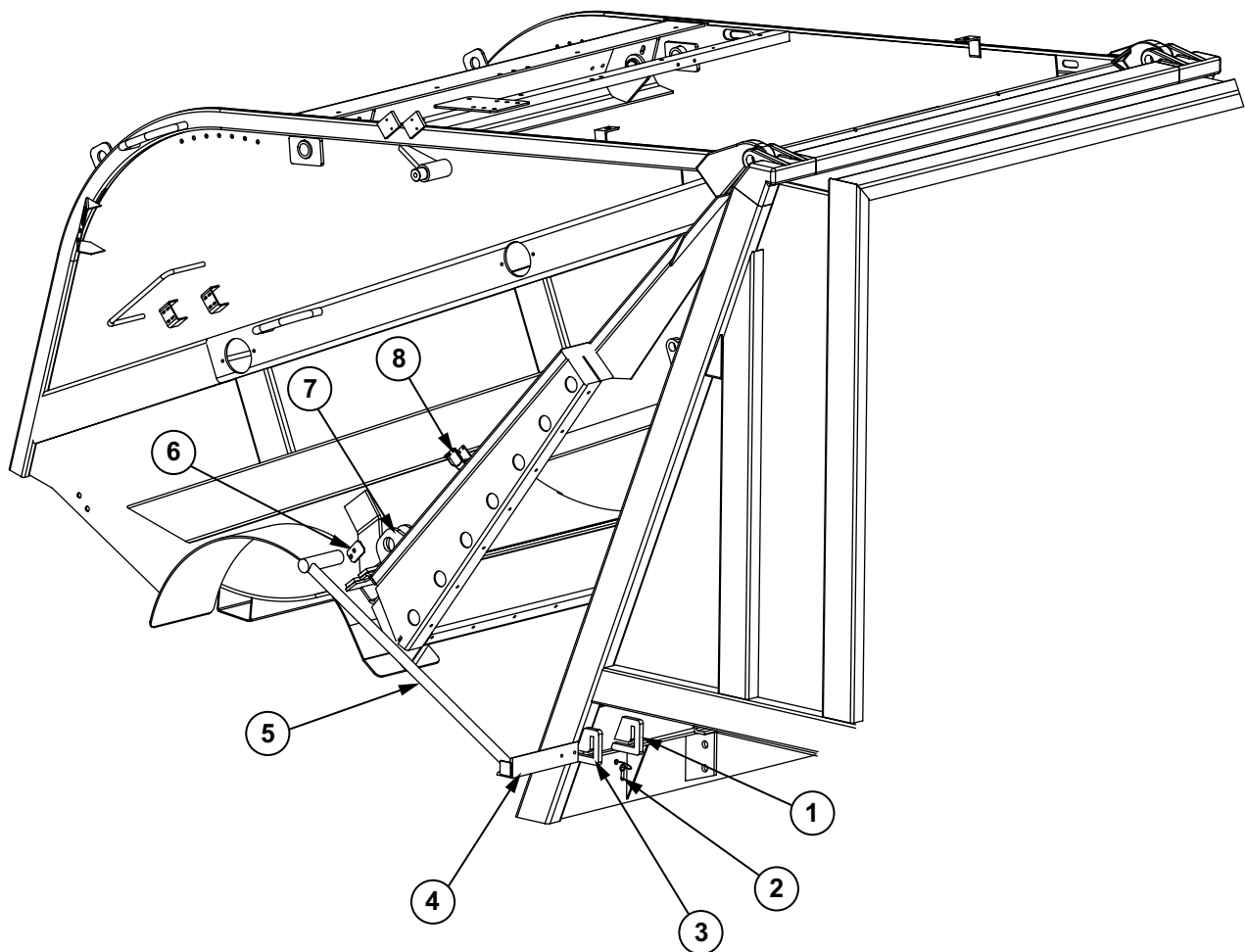
After S/N 21194



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	F1160	CAPSCREW, Hex Head 1/2"-13 x 3 1/2"	2
	F7350	WASHER, Flate 1/2"	2
	F3300	NUT, Elastic Stop 1/2"-13	2
	708204	BUSHING, Prop	2
2	708988	PIN, Hitch 3/8" x 4"	2
3	708203	PLATE, Bottom	2
4	708205	PROP, Square	2
5	708202	PLATE, Top	2
6	707639	CABLE, Lanyard With Rings	2

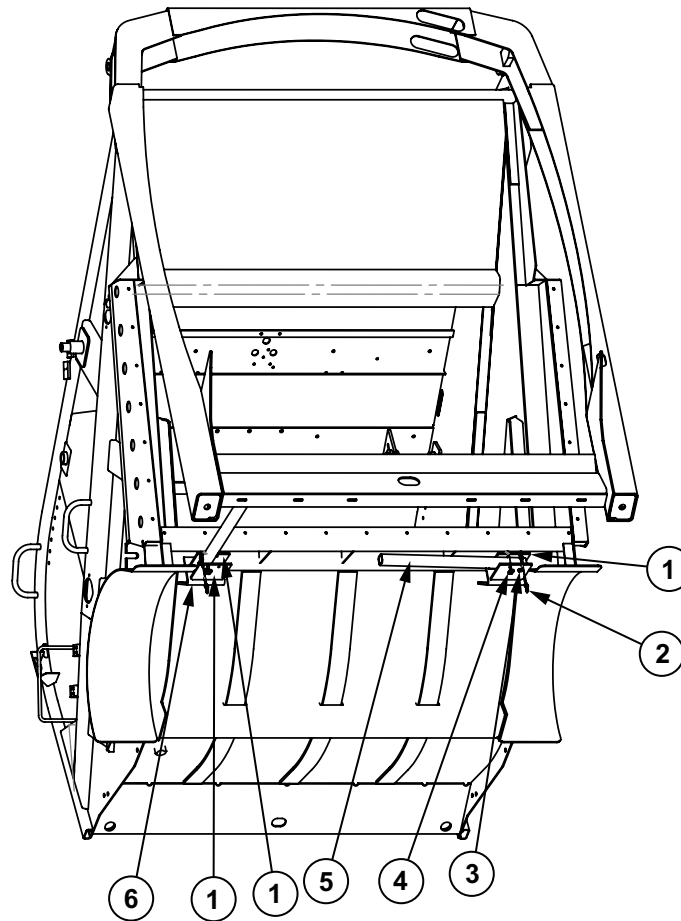
SECTION 1

TAILGATE PROPS - Tag Axle - Before S/N 21232



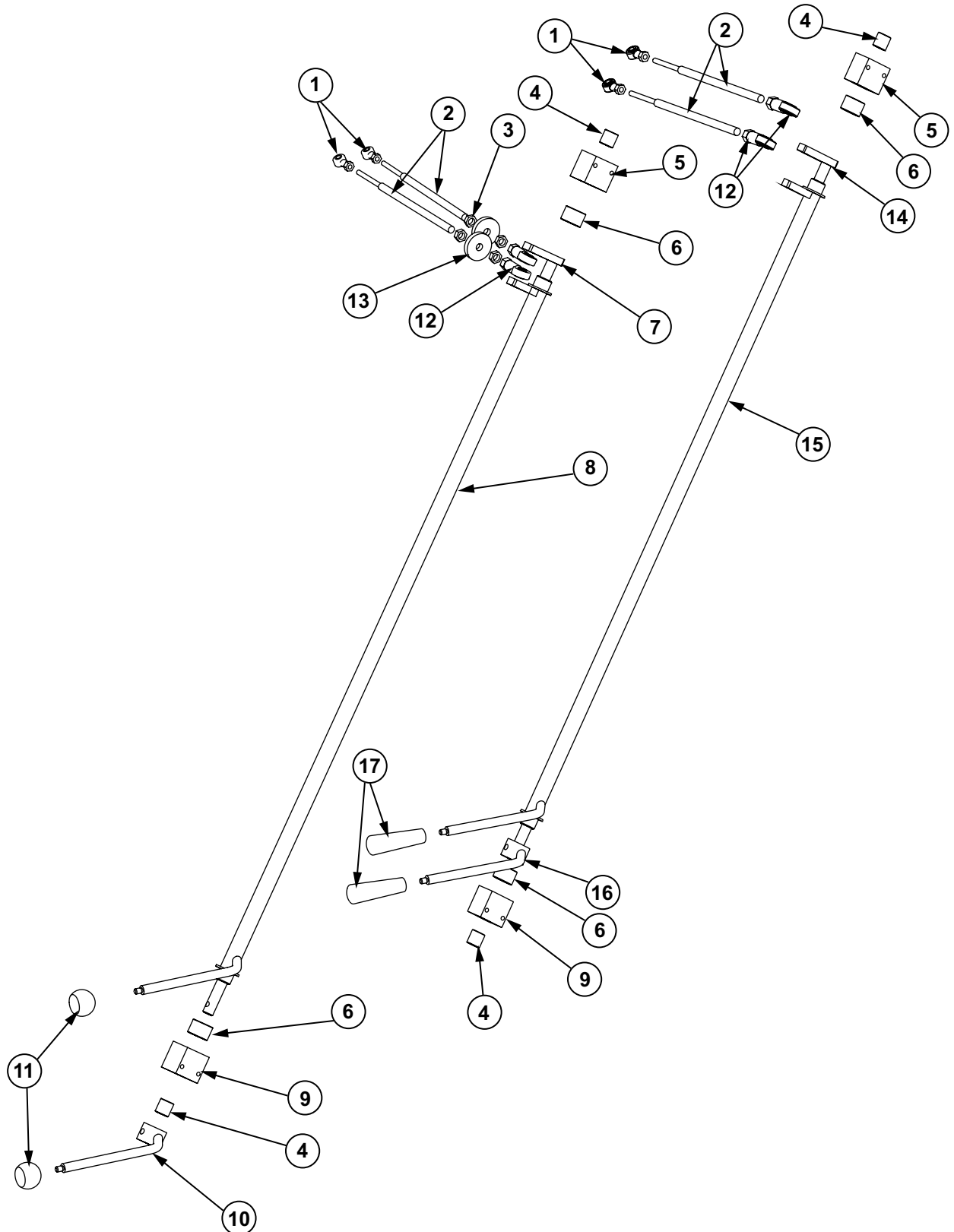
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700269	BEARING, Inner Rest	2
2	700367	LANYARD, 6"	2
	700365	PIN, Quick Release 3/8"	2
3	700270	BEARING, Outer Rest	2
4	700392	WELDMENT, Prop Rest	2
5	700601	WELDMENT, Prop	2
6	700265	STOP, Rest	2
7	700602	BLOCK, Pivot	4
8	700267	HOLD DOWN, Prop	2
	700367	LANYARD, 6"	2
	700366	PIN, Quick Release 1/4"	2
	700599	BUMPER, Neoprene	2

TAILGATE PROPS - Tag Axle - After S/N 21231



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	708203	PLATE, Prop	4
2	707639	CABLE, Lanyard With Rings	2
3	F1160	CAPSCREW, Hex Head 1/2"-13 x 3 1/2"	2
	F7350	WASHER, Flat 1/2"	2
	F3300	NUT, Elastic Stop 1/2"-13	2
	708204	BUSHING, Prop	2
4	708988	PIN, Hitch 3/8" x 4"	2
5	708205	PROP, Square	2
6	714788	BRACKET, Prop Mounting	2

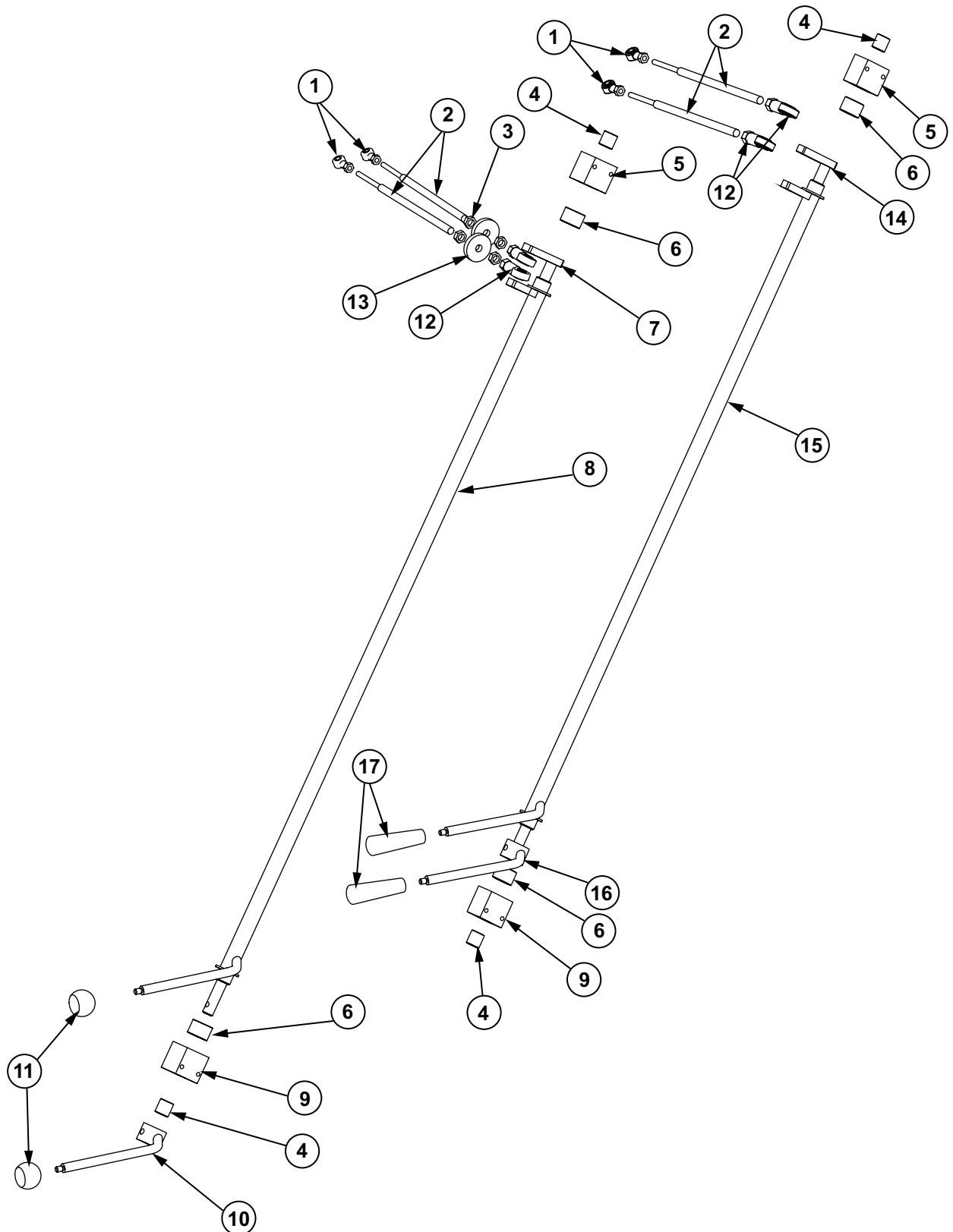
REAR CONTROLS - Standard



REAR CONTROLS - Standard

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700060	ROD END, Female Swivel 7/16"	4
	F0190	CAPSCREW, 5/16" x 1 1/2" (For Accessory Section Only)	2
	F2892	NUT, Nylock 5/16" (For Accessory Section Only)	2
2	700059	ROD, Control	4
3	F3275	NUT, Jam 1/2"	4
4	41160	BUSHING, 1" OD x .78" ID	4
5	41162	BLOCK, Bearing	2
	F0056	CAPSCREW, 1/4" x 2 1/2"	4
	F7750	WASHER, Lock 1/4"	4
6	41159	BUSHING, 1 1/2" OD x 1.16" ID	4
7	700055	WELDMENT, Control Lever Rod	1
8	700053	WELDMENT, Control Lever Tube	1
9	41162	BLOCK, Bearing	2
	F0061	CAPSCREW, 1/4" x 2 3/4"	4
	F7075	WASHER, Flat 1/4"	4
	F2775	NUT, Elastic Stop 1/4"	4
10	700057	WELDMENT, Lever	1
	F0510	CAPSCREW, 3/8" x 2 1/4"	1
	F3075	NUT, Elastic Stop 3/8"	1
11	108229	KNOB, Control Lever	2
12	102291	ROD END, Female 1/2"	3
13	703116	DISC	2
14	700092	WELDMENT, Control Lever Rod (Accessory 4th Section)	1
15	700090	WELDMENT, Control Lever Tube (Accessory 3rd Section)	1
16	700057	WELDMENT, Lever	1
	F0510	CAPSCREW, 3/8" x 2 1/4"	1
	F3075	NUT, Elastic Stop 3/8"	1
17	108287	KNOB, Control Lever (Accessory)	2

REAR CONTROLS - Tag Axle

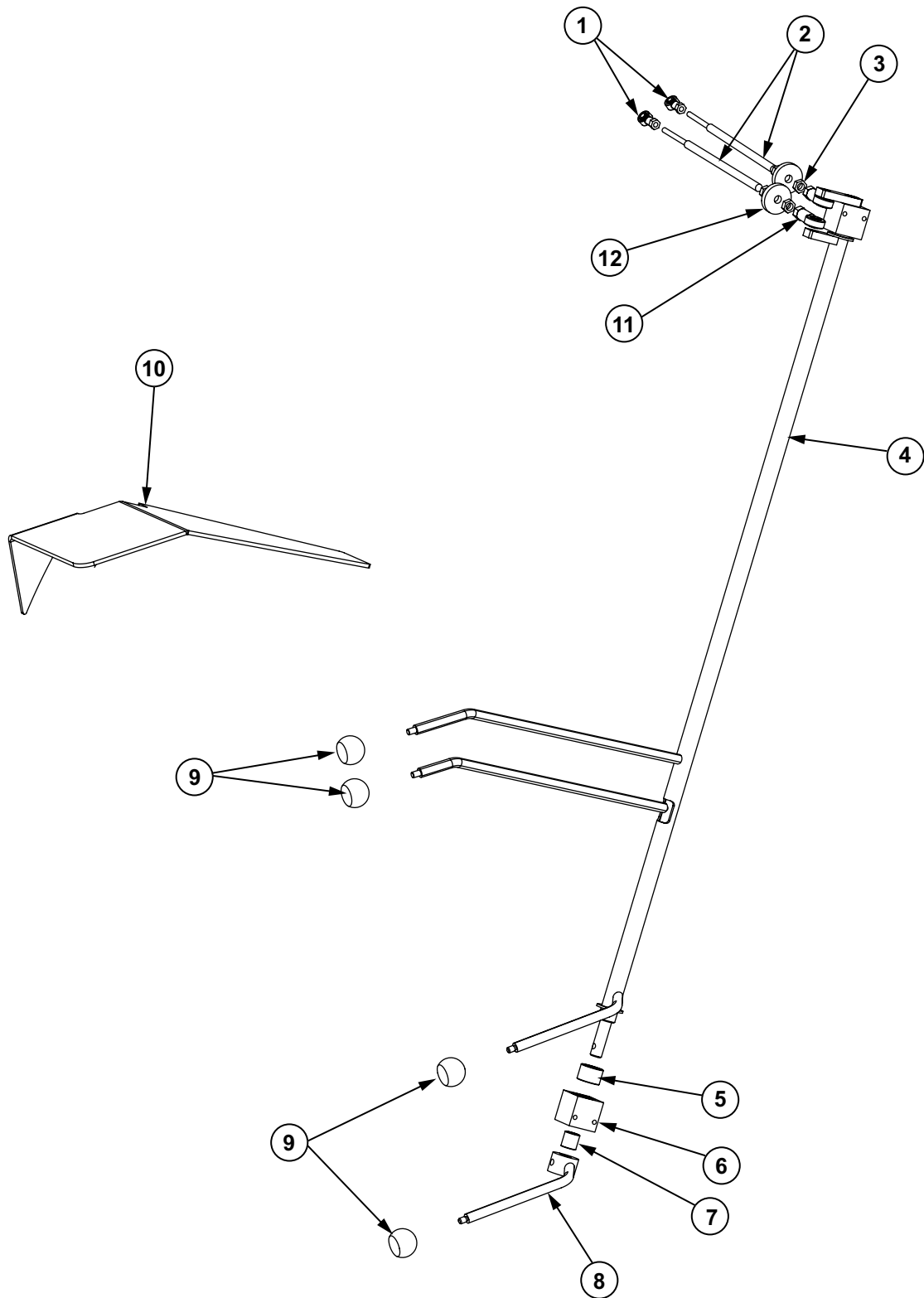


REAR CONTROLS - Tag Axle

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700060	ROD END, Female Swivel 7/16"	4
	F0190	CAPSCREW, 5/16" x 1 1/2" (For Accessory Section Only)	2
	F2892	NUT, Nylock 5/16" (For Accessory Section Only)	2
2	700059	ROD, Control	4
3	F3275	NUT, Jam 1/2"	4
4	41160	BUSHING, 1" OD x .78" ID	4
5	41162	BLOCK, Bearing	2
	F0056	CAPSCREW, 1/4" x 2 1/2"	4
	F7750	WASHER, Lock 1/4"	4
6	41159	BUSHING, 1 1/2" OD x 1.16" ID	4
7	705543	WELDMENT, Control Lever Rod	1
8	705542	WELDMENT, Control Lever Tube	1
9	41162	BLOCK, Bearing	2
	F0061	CAPSCREW, 1/4" x 2 3/4"	4
	F7075	WASHER, Flat 1/4"	4
	F2775	NUT, Elastic Stop 1/4"	4
10	700057	WELDMENT, Lever	1
	F0510	CAPSCREW, 3/8" x 2 1/4"	1
	F3075	NUT, Elastic Stop 3/8"	1
11	108229	KNOB, Control Lever	2
12	102291	ROD END, Female 1/2"	3
13	703116	DISC	2
14	705560	WELDMENT, Control Lever Rod (Accessory 4th Section)	1
15	705561	WELDMENT, Control Lever Tube (Accessory 3rd Section)	1
16	700057	WELDMENT, Lever	1
	F0510	CAPSCREW, 3/8" x 2 1/4"	1
	F3075	NUT, Elastic Stop 3/8"	1
17	108287	KNOB, Control Lever (Accessory)	2

SECTION 1

DOCK CONTROLS - 700388

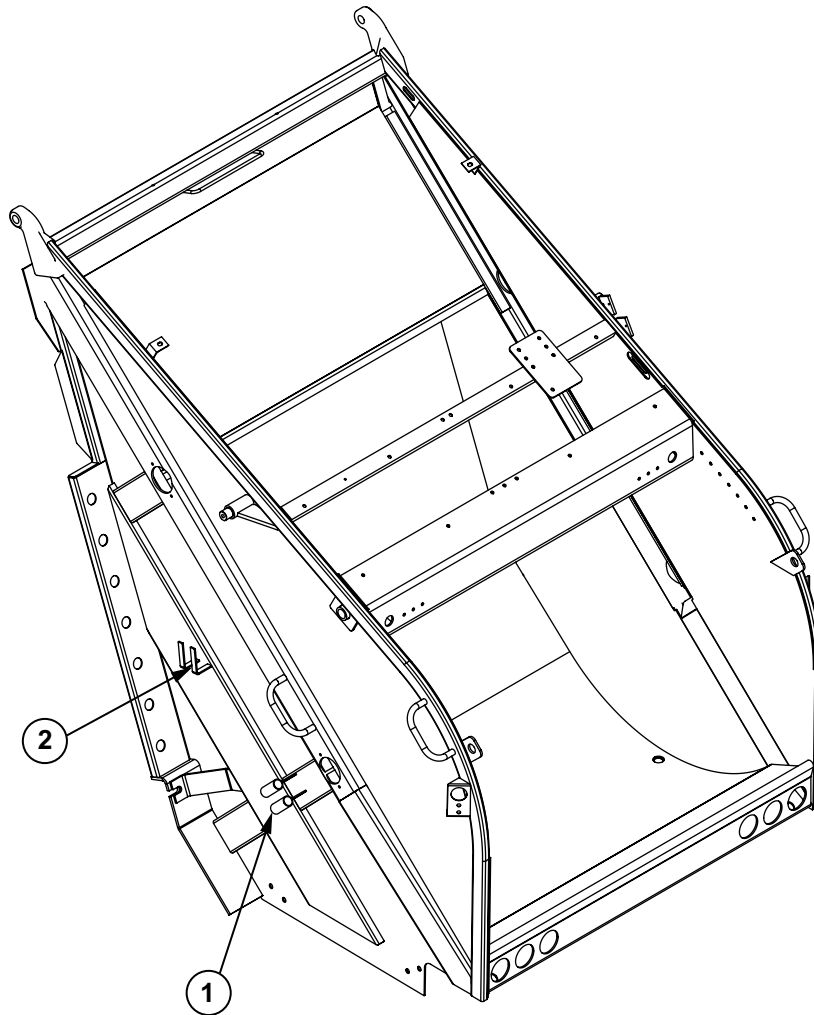


DOCK CONTROLS - 700388

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700060	ROD END, Female Swivel 7/16"	2
2	700059	ROD, Control	2
3	F3275	NUT, Jam 1/2"	4
4	700387	WELDMENT, Raised Control Lever	1
5	41159	BUSHING, 1 1/2" OD x 1.16" ID	4
6	41162	BLOCK, Bearing	1
	F0061	CAPSCREW, 1/4" x 2 3/4"	2
	F7075	WASHER, Flat 1/4"	2
	F2775	NUT, Elastic Stop 1/4"	2
7	41160	BUSHING, 1" OD x .78" ID	1
8	700057	WELDMENT, Lever	1
	F0510	CAPSCREW, 3/8" x 2 1/4"	1
	F3075	NUT, Elastic Stop 3/8"	1
9	108229	KNOB, Control Lever	4
10	700393	GUARD, Raised Control Lever (Welded to Tailgate)	1
11	102291	ROD END, Female 1/2"	2
12	703116	DISC	2

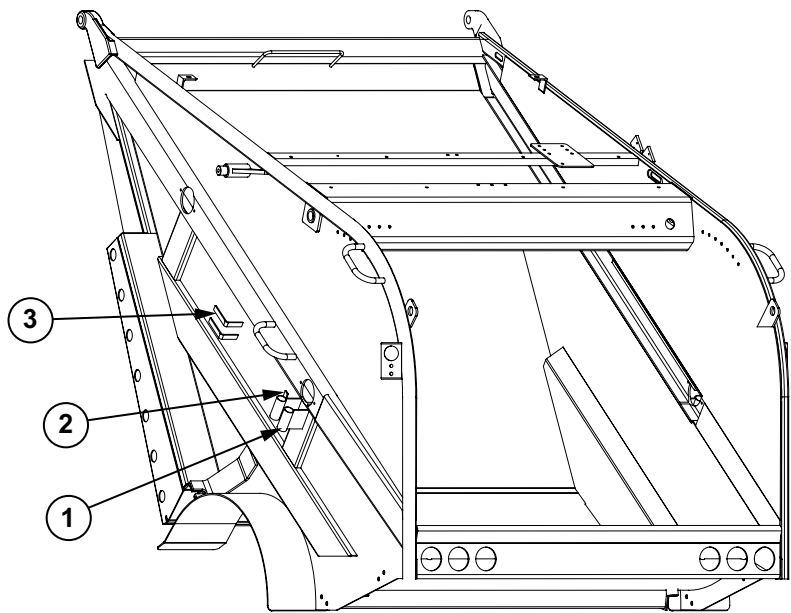
SECTION 1

BROOM & SHOVEL HOLDER - Standard



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	30173	WELDMENT, Broom Holder	4
2	SR-7353	STRAP, Broom	4

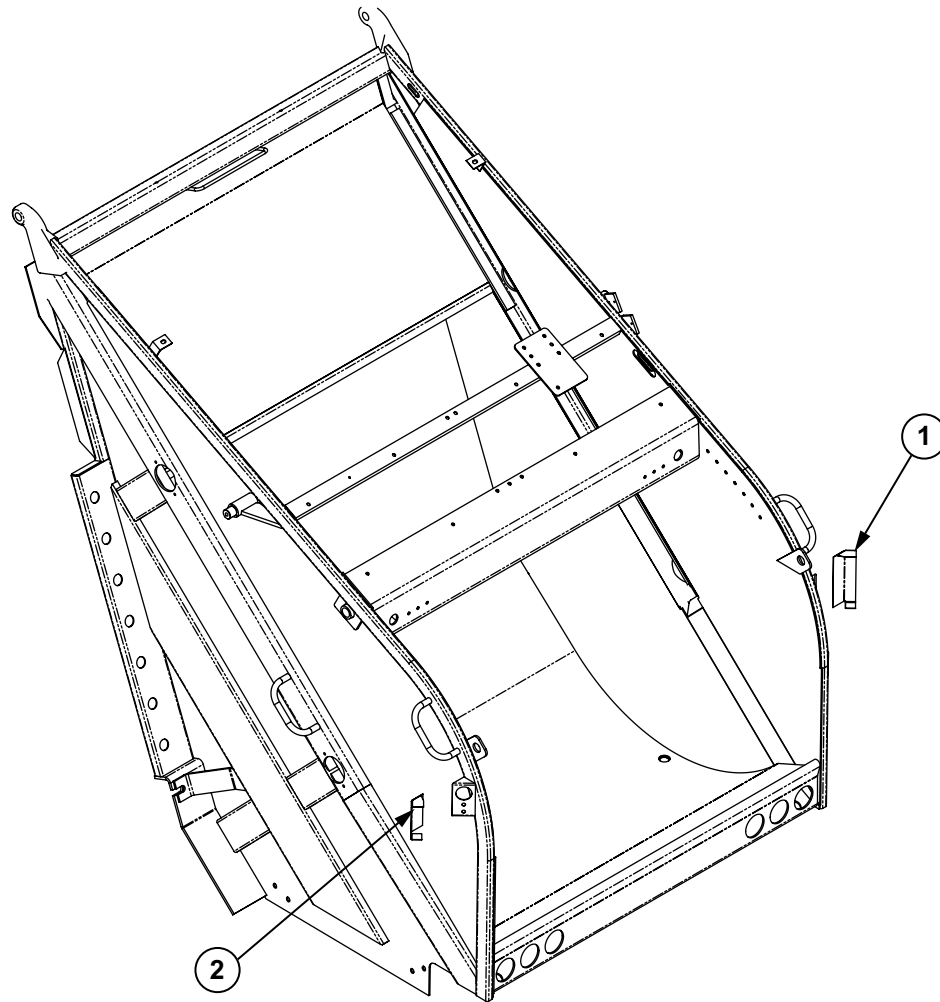
BROOM AND SHOVEL HOLDER - Tag Axle & Auto Latch



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	30173	WELDMENT, Broom Holder	4
2	700617	STRAP, Shovel Handle	2
3	SR-7353	STRAP, Broom	4

SECTION 1

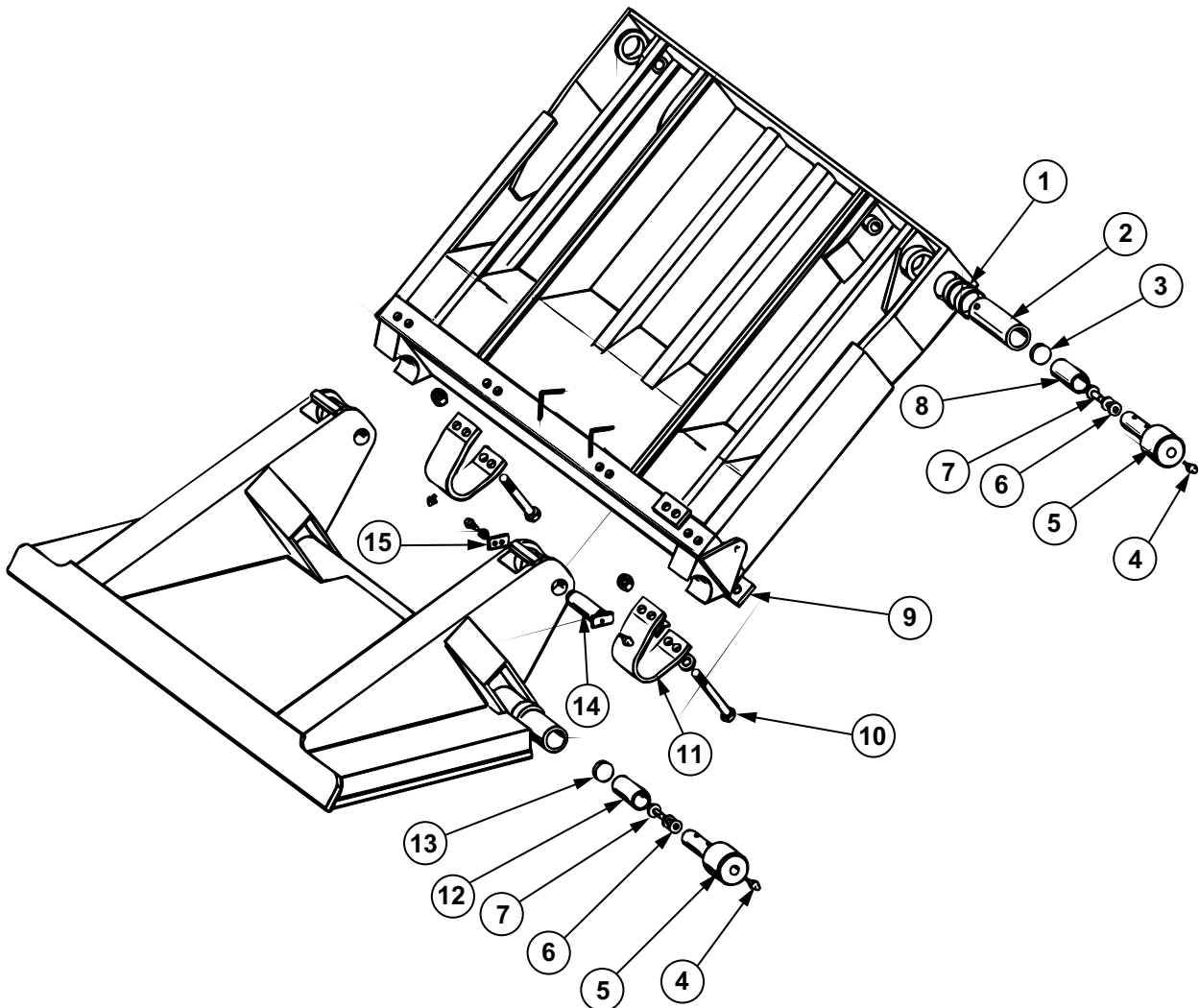
COMBINATION LIGHT COVERS - 700676



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700670 F0013	GUARD, Combination Light RH SCREW, Self Tapping 10-32 x 3/4"	1 4
2	700669 F0013	GUARD, Combination Light LH SCREW, Self Tapping 10-32 x 3/4"	1 4

SECTION 1

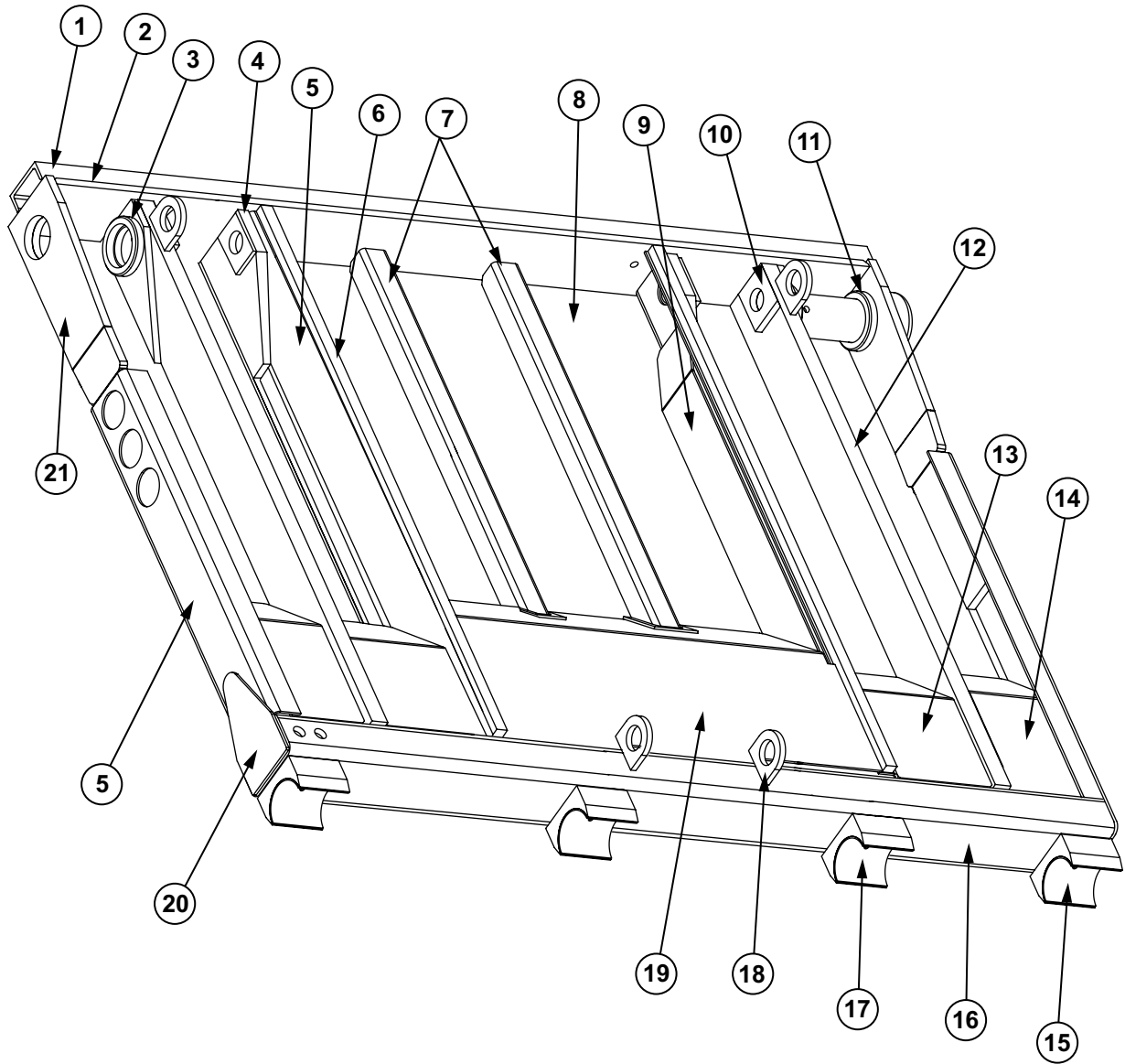
CARRIER AND PACKER INSTALLATION



CARRIER AND PACKER INSTALLATION

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	2R-1224	SLEEVE, Split	4
	16231	CLAMP	2
2	203062	ASSEMBLY, Cylinder Pivot (Includes Items 3 and 8)	2
3	2R-1797	DISC, Thrust	2
4	16170	ZERK, Grease	8
5	301899	ROLLER	4
6	SK-1817	SHIM	AR
7	2R-1799	SPACER	4
8	2R-1796	SLEEVE, Bearing	2
9	41816-1	SHIM	4
10	101244	BOLT, Through	8
	41876	WASHER	16
	F3860	NUT, 1"	8
11	405527	WELDMENT, Bearing Housing	4
	305748	INSERT, Bearing (Must Be Welded In, Ref. Service Bulletin 9503)	4
12	2R-2041	SLEEVE, Bearing	2
13	2R-2042	DISC, Thrust	2
14	2R-1948	PIN, Pivot	2
15	2R-1951	RETAINER, Pin	2
	F0960	CAPSCREW, 1/2" x 1 1/4"	4
	F7975	WASHER, Lock 1/2"	4

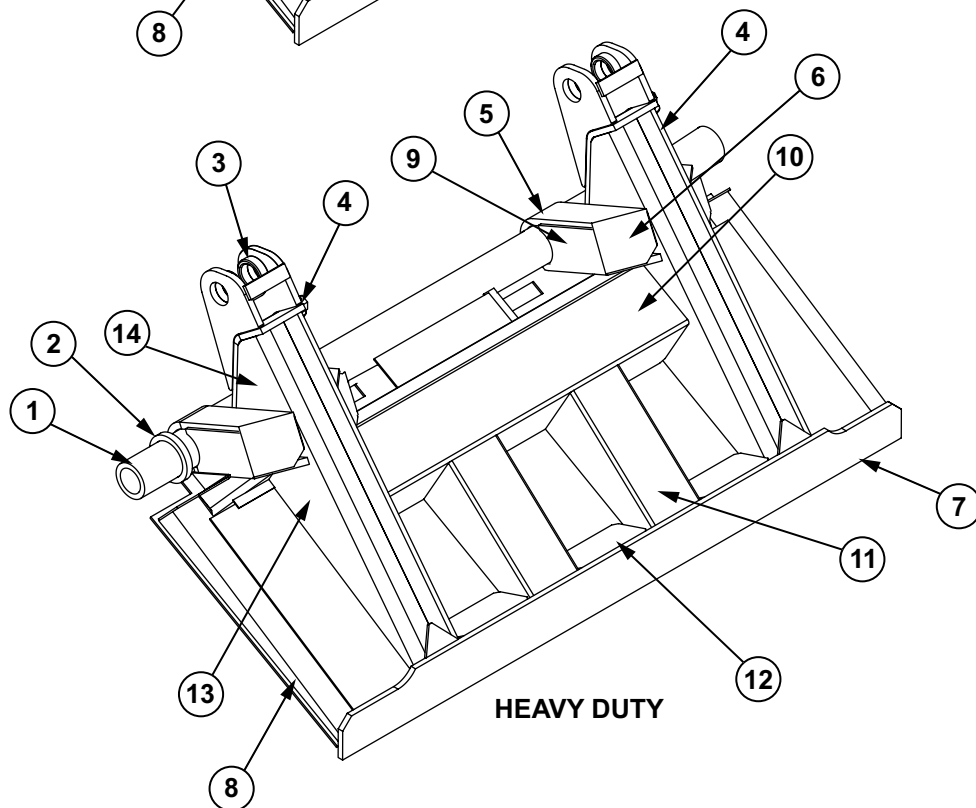
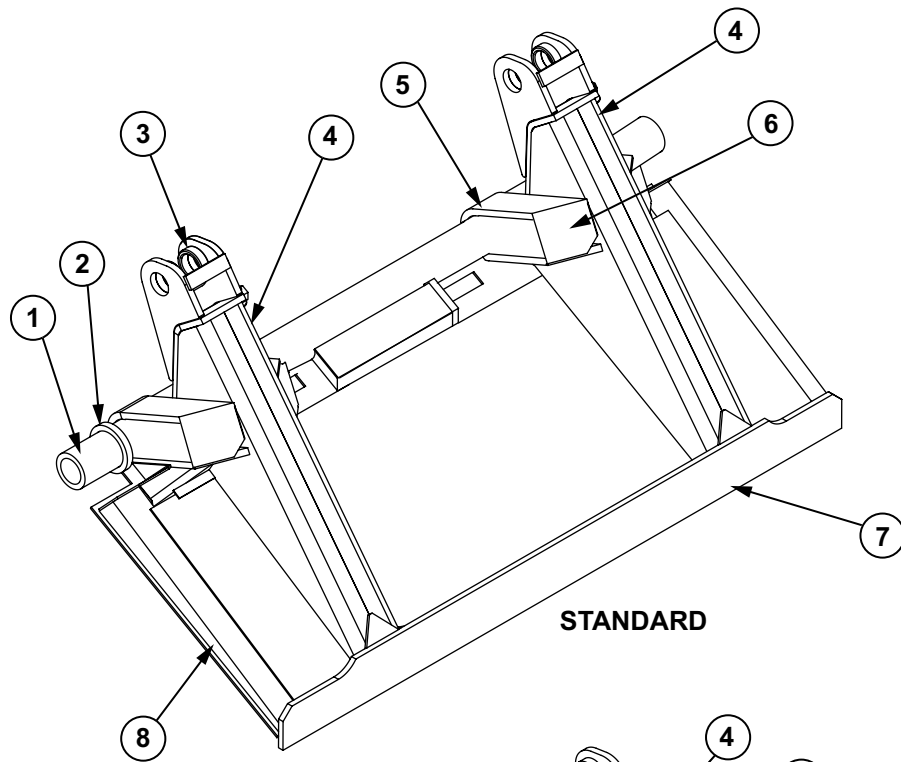
CARRIER PANEL



CARRIER PANEL

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	210918	CHANNEL (Heavy Duty & Extra Heavy Duty Panels Only)	1
2	2R-2198	BAR, Top	1
3	306829	WELDMENT, Hub LH	1
	306828	WELDMENT, Hub RH	1
4	204973	WELDMENT, Hub Support LH	1
	204972	WELDMENT, Hub Support RH	1
5	41399	BOX, Outside LH	1
	41398	BOX, Outside RH	1
6	41411	BAR, Stiffener	2
7	41410	CHANNEL, Stiffener	2
8	41400	PLATE, Center	1
9	41030	BRACE, Center	2
10	210943	WELDMENT, Hub Support LH (Standard and Heavy Duty)	1
	601779	WELDMENT, Hub Support LH (Extra Heavy Duty)	1
	210942	WELDMENT, Hub Support RH (Standard and Heavy Duty)	1
	601778	WELDMENT, Hub Support RH (Extra Heavy Duty)	1
11	NSS	HUB, Outer Bearing	2
12	41027	CHANNEL, LH	1
	41026	CHANNEL, RH	1
13	205079	COVER, LH (Standard and Heavy Duty)	1
	601791	COVER, LH (Extra Heavy Duty)	1
	205080	COVER, RH (Standard and Heavy Duty)	1
	601790	COVER, RH (Extra Heavy Duty)	1
14	205081	COVER, Outer LH	1
	205082	COVER, Outer RH	1
15	210127	BLOCK, Bearing	2
	305748	INSERT, Bearing (Must Be Welded In, Ref. Service Bulletin 9503)	2
16	304204	TUBE, Bottom	1
17	211201	BLOCK, Bearing (For Full Center Bearing Option)	2
	305748	INSERT, Bearing (Must Be Welded In, Ref. Service Bulletin 9503)	2
		NOTE: Center Bearing Blocks Are NOT Included With Any Assemblies Listed Below. Blocks Need To Be Ordered To Add To Assemblies.	
18	605886	EYE, Lifting	4
19	205078	COVER, Center	1
20	41402	PLATE, End	2
21	306831	WELDMENT, Bearing LH (Includes Item 11)	1
	306830	WELDMENT, Bearing RH (Includes Item 11)	1
	406802-01	WELDMENT, Carrier Panel (Standard)	1
	406802-02	WELDMENT, Carrier Panel (Heavy Duty)	1
	406802-03	WELDMENT, Carrier Panel (Extra Heavy Duty)	1
	400628-02	ASSEMBLY, Carrier (Includes Bearing Straps)(Standard)	1
	400628-03	ASSEMBLY, Carrier (Includes Bearing Straps, Rollers, Packer Cylinder Pivot Pins)(Heavy Duty)	1
	400628-06	ASSEMBLY, Carrier (Includes Bearing Straps, Packer Cylinder Pivot Pins)(Standard)	1
	400628-08	ASSEMBLY, Carrier (Includes Bearing Straps, Rollers, Packer Cylinder Pivot Pins)(Extra Heavy Duty)	1

PACKER PANEL

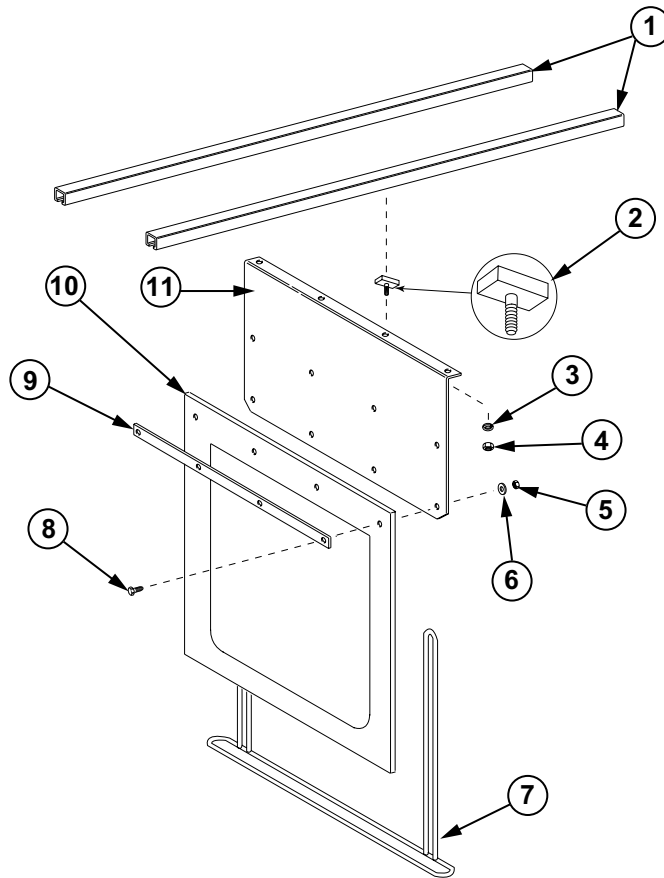


PACKER PANEL

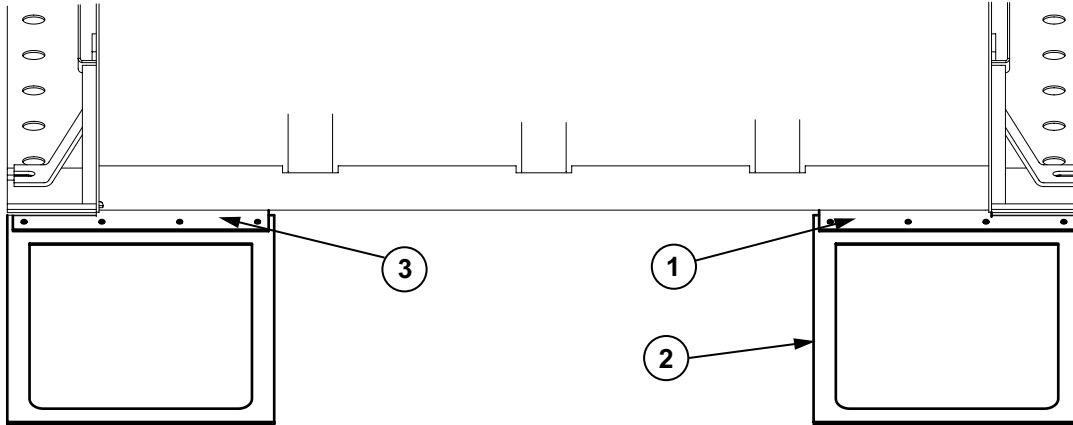
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	17231	WELDMENT, Torque Tube	1
2	2R-1082	FLANGE, Torque Tube	2
3	2R-2057	HUB	4
4	35666	WELDMENT, Socket (Tower)	2
5	605158	STRAP, Machined	4
6	605159	PLATE, Filler	4
7	211101	EDGE, Packer Panel	1
	210410	EDGE, Packer Panel (Tag Axle)	1
8	301445	CHANNEL, Outside (Standard and Heavy Duty)	2
	306703	CHANNEL, Outside LH (Tag Axle)	1
	306704	CHANNEL, Outside RH (Tag Axle)	1
	306701	BAR, Filler LH (Tag Axle)	1
	306702	BAR, Filler RH (Tag Axle)	1
9	605160	PLATE (Heavy Duty and Tag Axle)	4
10	404388	CHANNEL, Center (Heavy Duty and Tag Axle)	1
11	603961	CHANNEL, (Heavy Duty and Tag Axle)	2
12	603958	PLATE, Cover (Heavy Duty and Tag Axle)	3
13	307224	DOUBLER, Front RH (Extra Heavy Duty Plated Towers)	1
	307223	DOUBLER, Front LH (Extra Heavy Duty Plated Towers)	1
14	210937	DOUBLER, Rear LH (Extra Heavy Duty Plated Towers)	2
	211014	DOUBLER, Rear RH (Extra Heavy Duty Plated Towers)	2
		NOTE: Assemblies Listed Below Include 2R-2041 Sleeve and 2R-2042 Disc in Torque Tube	
	400627-06	ASSEMBLY, Packer Panel (Standard)	1
	400627-04	ASSEMBLY, Packer Panel (Heavy Duty)	1
	400627-07	ASSEMBLY, Packer Panel (Tag Axle)	1
		NOTE: Assemblies Listed Below Include Sleeve, Disc, Rollers, Pins and Bushings for Packer Cylinder Rod End	
	400627-01	ASSEMBLY, Packer Panel (Standard)	1
	400627-02	ASSEMBLY, Packer Panel (Heavy Duty)	1
	400627-03	ASSEMBLY, Packer Panel (Tag Axle)	1
	400627-05	ASSEMBLY, Packer Panel (Extra Heavy Duty, Plated Towers)	1

SECTION 2

MUD GUARD ASSEMBLY - In Front of Rear Axle



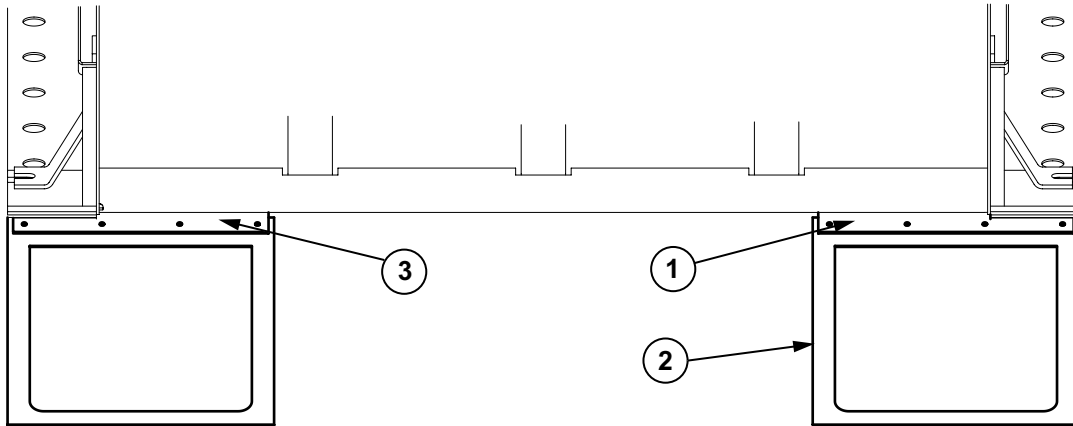
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	604840	RAIL, Strut 17"	2
2	605702	T-BOLT	2
3	F7325	WASHER, Flat	2
4	F3190	NUT, Lock	2
5	F2975	NUT, Hex 3/8"	4
6	F7250	WASHER, Flat 3/8"	4
7	602709	BRACKET, Anti Sail	1
8	F0277	CAPSCREW, 3/8"-16 x 1" (Metal Mud Flaps)	4
	F0376	CAPSCREW, 3/8"-16 x 1 1/2" (Rubber Mud Flaps)	4
9	P-16-419	STRAP, Reinforcement	1
10	209639	FLAP, Rubber Black With LEACH Logo	2
	210154	FLAP, Rubber Black Plain	2
	209643	GUARD, Metal	2
11	604867	BRACKET, Mounting Mud Flap	1

SECTION 2**MUD GUARD ASSEMBLY - Behind Rear Axle
Before S/N 21195**

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700544	BRACKET, Mud Flap RH (Manual Tailgate Latch)	1
	210730	BRACKET, Mud Flap RH (Auto Tailgate Latch)	1
2	P16-464	GUARD, Mud Rubber (Manual Tailgate Latch)	2
	604110	GUARD, Mud Rubber (Auto Tailgate Latch)	2
	602739	HANGER, Anti-Sail (Auto Tailgate Latch)	2
	202936	STRAP, Mud Flap (Manual Tailgate Latch)	2
	210729	STRAP, Mud Flap (Auto Tailgate Latch)	2
	F0325	CAPSCREW, 3/8" x 1 1/4" (Manual Tailgate Latch)	8
	F0400	CAPSCREW, 3/8" x 1 3/4" (Auto Tailgate Latch)	8
	F7875	WASHER, Lock 3/8"	8
	F2975	NUT, 3/8"	8
	F7240	WASHER, Fender (Auto Tailgate Latch)	4
3	700543	BRACKET, Mud Flap LH (Manual Tailgate Latch)	1
	210731	BRACKET, Mud Flap LH (Auto Tailgate Latch)	1

MUD GUARD ASSEMBLY - Behind Rear Axle

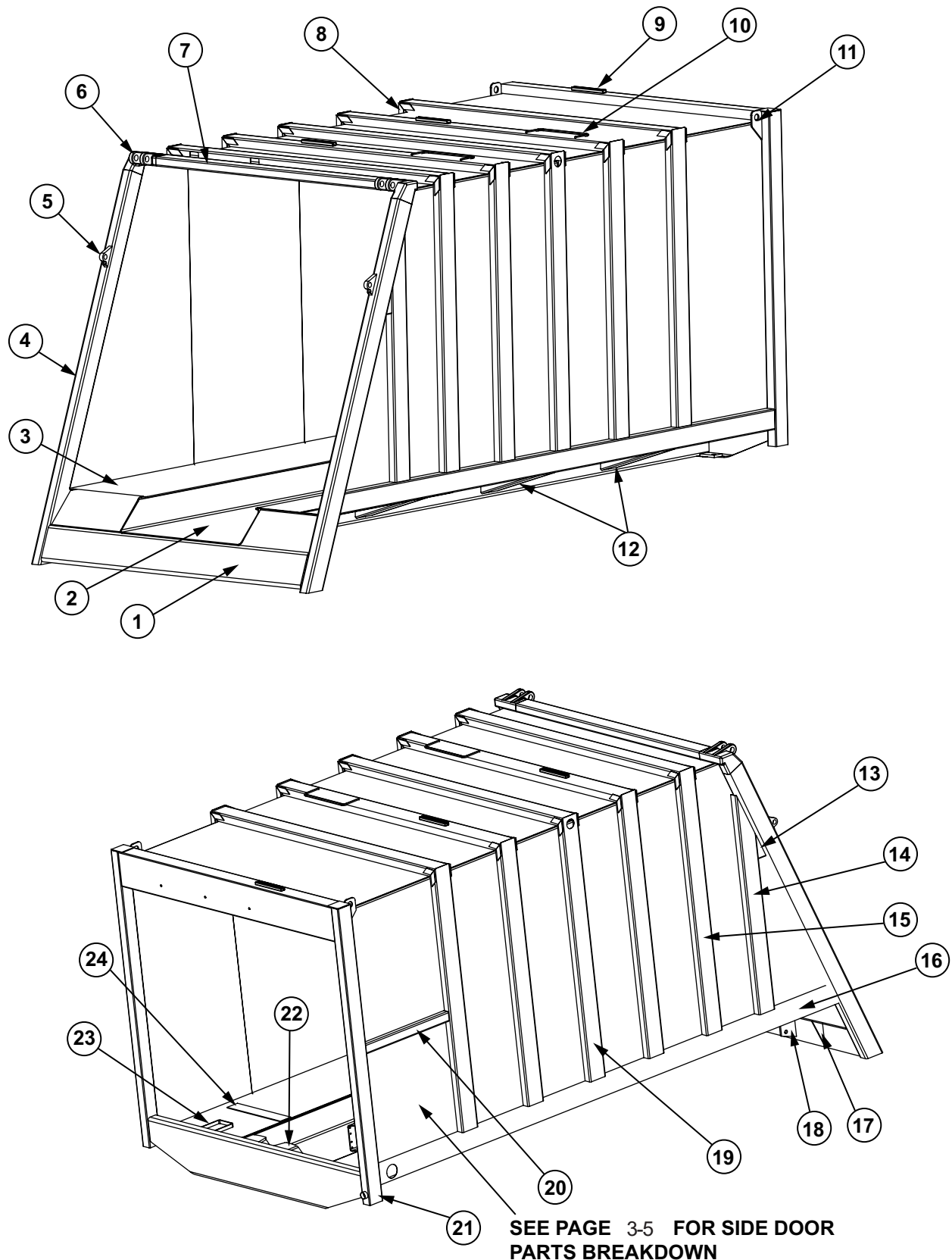
After S/N 21194



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	712150	BRACKET, Mud Flap RH	1
2	209639	GUARD, Mud Rubber With LEACH Logo	2
	602739	HANGER, Anti-Sail	2
	210729	STRAP, Mud Flap	2
	F0400	CAPSCREW, 3/8" x 1 3/4"	8
	F7875	WASHER, Lock 3/8"	8
	F2975	NUT, 3/8"	8
	F7240	WASHER, Fender 3/8"	4
3	712166	BRACKET, Mud Flap LH	1

SECTION 2

BODY WELDMENT - Standard

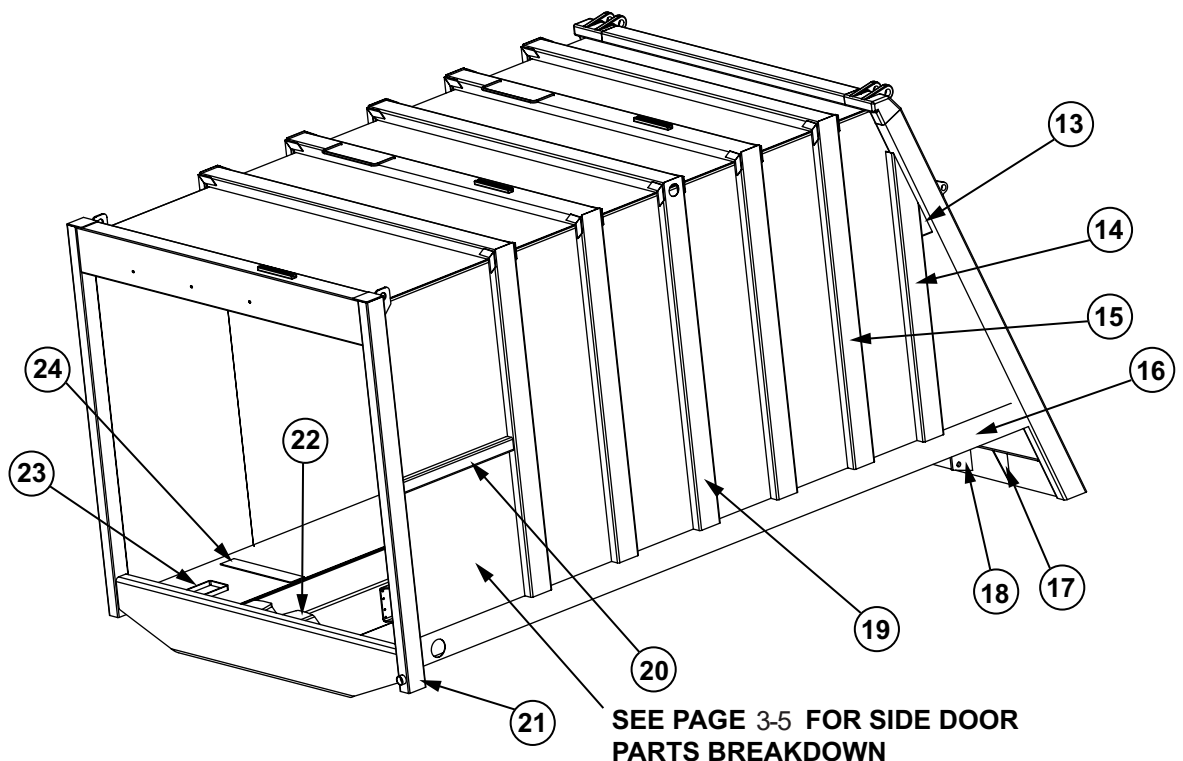
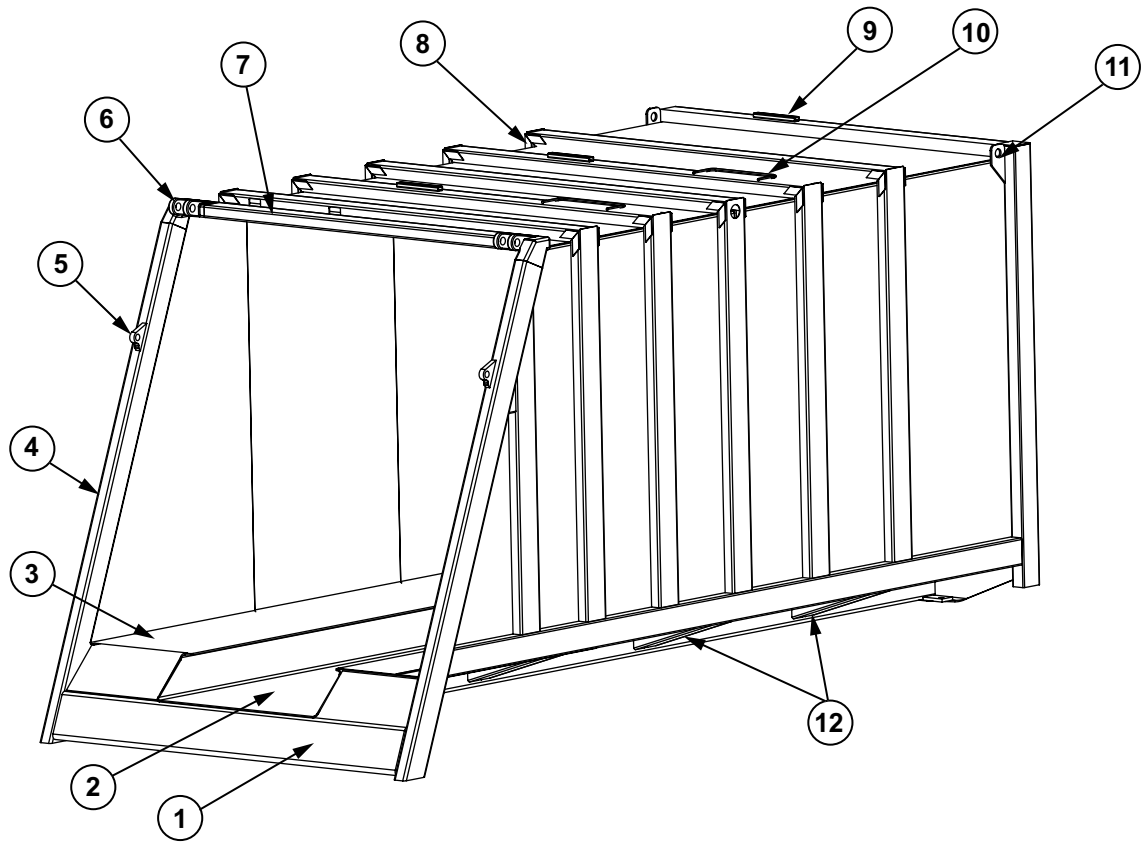


BODY WELDMENT - Standard

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	400302	APRON, Rear	1
2	605817	WELDMENT, Trough 20 YD	1
	605818	WELDMENT, Trough 25 YD	1
	605819	WELDMENT, Trough 31 YD	1
3	301144	SHEET, Floor 20 YD	2
	301145	SHEET, Floor 25 YD	2
	301146	SHEET, Floor 31 YD	2
4	300408	TUBE, Vertical Rear	2
5	PO-156	SUPPORT, Cylinder Pivot	2
6	400353	HINGE, LH	1
	400352	HINGE, RH	1
7	300407	BRACE, Rear Horizontal	1
8	210774	GUSSET, Roof to Side	AR
9	209751	RAIL, Tube Support	AR
10	208623	BAR, For Safety Tethers	2
11	200398	PLATE, Lift	2
12	400298	BRACE, Floor	AR
13	301529	GUSSET, LH	1
	301530	GUSSET, RH	1
14	602205	BRACE, Vertical Rear Side LH	1
	602206	BRACE, Vertical Rear Side RH	1
15	602135	BRACE, Vertical Side	AR
16	601747	BRACE, Floor 20 YD LH	1
	601757	BRACE, Floor 20 YD RH	1
	601746	BRACE, Floor 25 YD LH	1
	601762	BRACE, Floor 25 YD RH	1
	601749	BRACE, Floor Rear (Long) 31 YD LH	1
	601759	BRACE, Floor Rear (Long) 31 YD RH	1
	601751	BRACE, Floor Front (Short) 31 YD LH	1
	601761	BRACE, Floor Front (Short) 31 YD RH	1
17	200614	GUSSET	2
18	200615	PLATE, Rear Mounting	2
19	602134	BRACE, Vertical Side (With Hole For Light)	2
20	301306	BRACE, Horizontal Side	1
21	601654	TUBE, Vertical Front LH	1
	601656	TUBE, Vertical Front RH	1
22	603450	WELDMENT, Cylinder Support	1
23	603952	RING, Hydraulic Reservoir	1
24	211141	REINFORCEMENT, Hydraulic Reservoir	1

SECTION 2

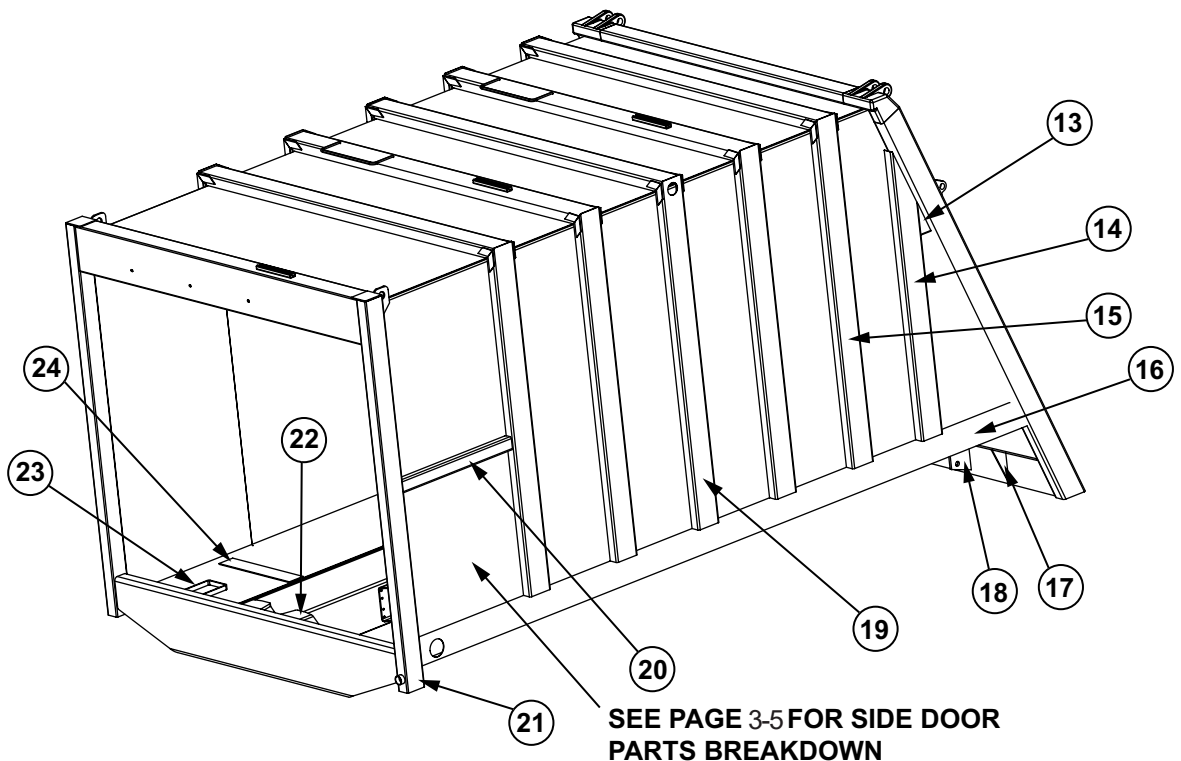
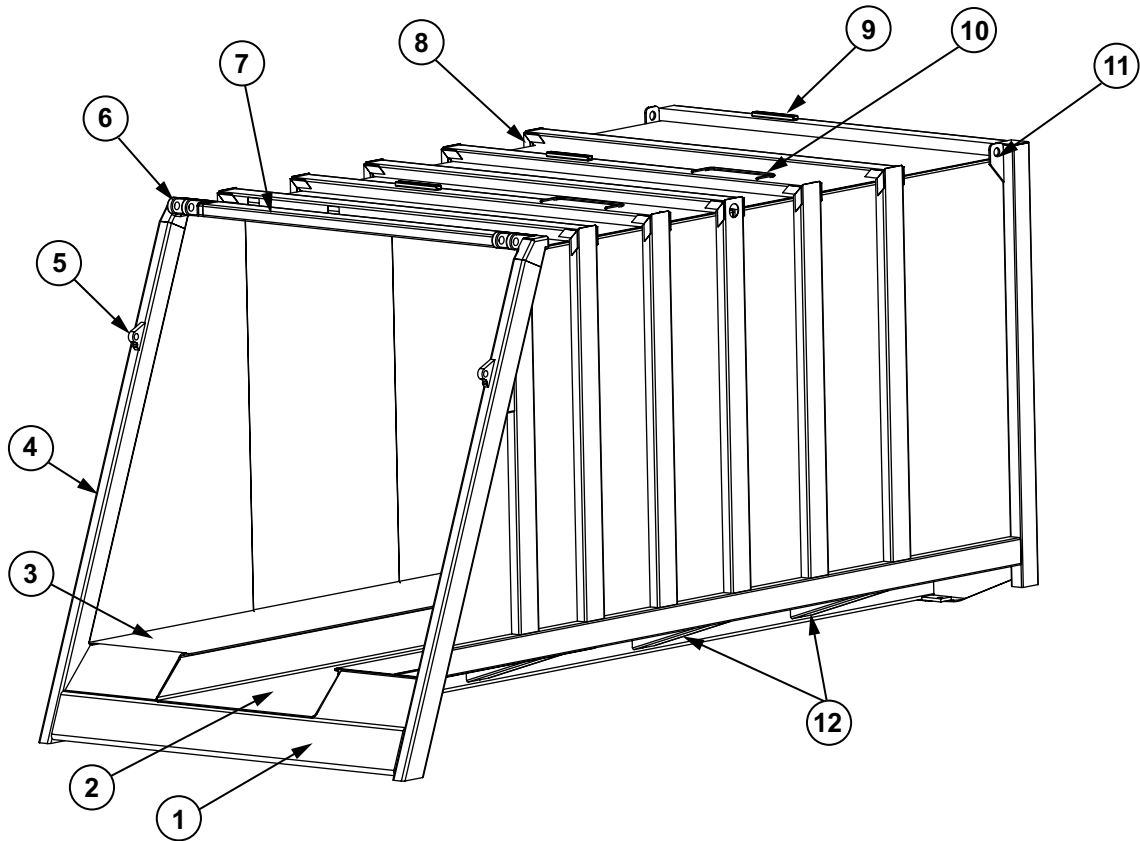
BODY WELDMENT - Commercial



BODY WELDMENT - Commercial

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	400302	APRON, Rear	1
2	605871	WELDMENT, Trough 20 YD	1
	605821	WELDMENT, Trough 25 YD	1
	605822	WELDMENT, Trough 31 YD	1
	605820	WELDMENT, Trough 33 YD	1
3	301698	SHEET, Floor 20 YD	2
	301174	SHEET, Floor 25 YD	2
	301175	SHEET, Floor 31 YD	2
	210910	SHEET, Floor 33 YD	2
4	300408	TUBE, Vertical Rear	2
5	PO-156	SUPPORT, Cylinder Pivot	2
6	400353	HINGE, LH	1
	400352	HINGE, RH	1
7	300407	BRACE, Rear Horizontal	1
8	210774	GUSSET, Roof to Side	AR
9	209751	RAIL, Tube Support	AR
10	208623	BAR, For Safety Tethers	2
11	200398	PLATE, Lift	2
12	400298	BRACE, Floor	AR
13	301529	GUSSET, LH	1
	301530	GUSSET, RH	1
14	602205	BRACE, Vertical Rear Side, LH	1
	602206	BRACE, Vertical Rear Side, RH	1
15	602135	BRACE, Vertical Side	AR
16	601747	BRACE, Floor 20 YD LH	1
	601757	BRACE, Floor 20 YD RH	1
	601746	BRACE, Floor 25 YD LH	1
	601762	BRACE, Floor 25 YD RH	1
	601749	BRACE, Floor Rear (Long) 31 YD LH	1
	601759	BRACE, Floor Rear (Long) 31 YD RH	1
	601751	BRACE, Floor Front (Short) 31 YD LH	1
	601761	BRACE, Floor Front (Short) 31 YD RH	1
	601799	BRACE, Floor Rear (Long) 33 YD LH	1
	601775	BRACE, Floor Rear (Long) 33 YD RH	1
	601801	BRACE, Floor Front (Short) 33 YD LH	1
	601774	BRACE, Floor Front (Short) 33 YD RH	1
17	200614	GUSSET	2
18	200615	PLATE, Rear Mounting	2
19	602134	BRACE, Vertical Side (With Hole For Light)	2
20	301306	BRACE, Horizontal Side	1
21	601654	TUBE, Vertical Front LH	1
	601656	TUBE, Vertical Front RH	1
22	603450	WELDMENT, Cylinder Support	1
23	603952	RING, Hydraulic Reservoir	1
24	211141	REINFORCEMENT, Hydraulic Reservoir	1

BODY WELDMENT - Demolition

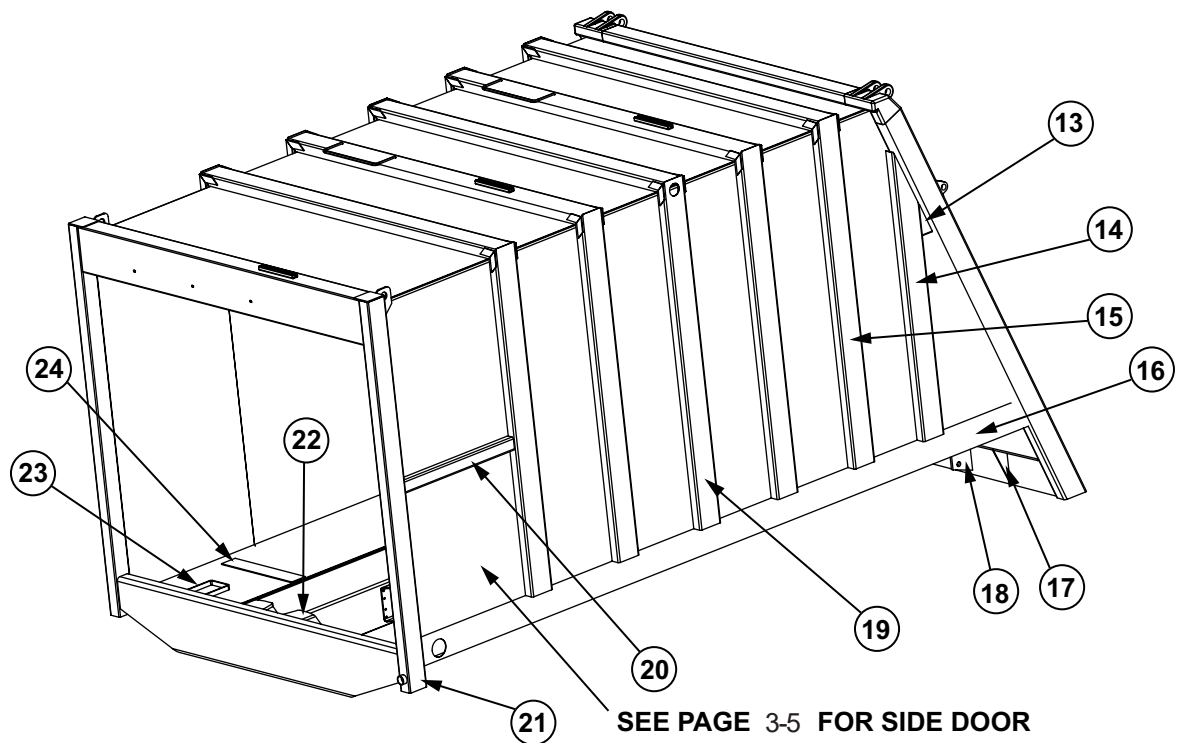
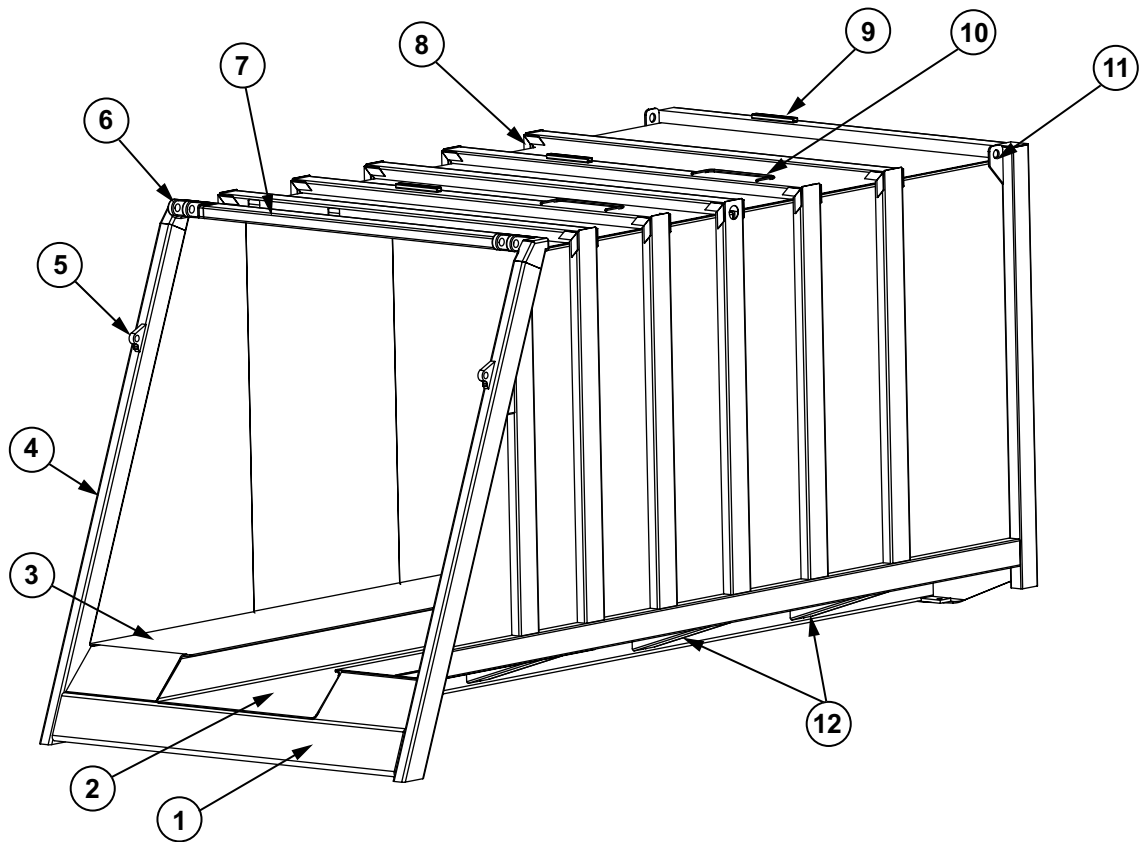


BODY WELDMENT - Demolition

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	400302	APRON, Rear	1
2	605821	WELDMENT, Trough 25 YD (Angled Pushout Cylinder)	1
	605823	WELDMENT, Trough 25 YD (Horizontal Pushout Cylinder)	1
	606130	WELDMENT, Trough 31 YD (Horizontal Pushout Cylinder)	1
3	301174	SHEET, Floor 25 YD	2
	301175	SHEET, Floor 31 YD	2
4	300408	TUBE, Vertical Rear	2
5	PO-156	SUPPORT, Cylinder Pivot	2
6	400353	HINGE, LH	1
	400352	HINGE, RH	1
7	300407	BRACE, Rear Horizontal	1
8	210774	GUSSET, Roof to Side	AR
9	209751	RAIL, Tube Support	AR
10	208623	BAR, For Safety Tethers	2
11	200398	PLATE, Lift	2
12	400298	BRACE, Floor	AR
13	301529	GUSSET, LH	1
	301530	GUSSET, RH	1
14	602205	BRACE, Vertical Rear Side LH	1
	602206	BRACE, Vertical Rear Side RH	1
15	602135	BRACE, Vertical Side	AR
16	601746	BRACE, Floor 25 YD LH	1
	601762	BRACE, Floor 25 YD RH	1
	601749	BRACE, Floor Rear (Long) 31 YD LH	1
	601759	BRACE, Floor Rear (Long) 31 YD RH	1
	601751	BRACE, Floor Front (Short) 31 YD LH	1
	601761	BRACE, Floor Front (Short) 31 YD RH	1
17	200614	GUSSET	2
18	200615	PLATE, Rear Mounting	2
19	602134	BRACE, Vertical Side (With Hole For Light)	2
20	301306	BRACE, Horizontal Side	1
21	601654	TUBE, Vertical Front LH	1
	601656	TUBE, Vertical Front RH	1
22	603450	WELDMENT, Cylinder Support (Angled Pushout Cylinder)	1
	405820	WELDMENT, Cylinder Support (Horizontal Pushout Cylinder)	1
23	603952	RING, Hydraulic Reservoir	1
24	211141	REINFORCEMENT, Hydraulic Reservoir	1

SECTION 2

BODY WELDMENT - 29 Yard - Commercial Trough



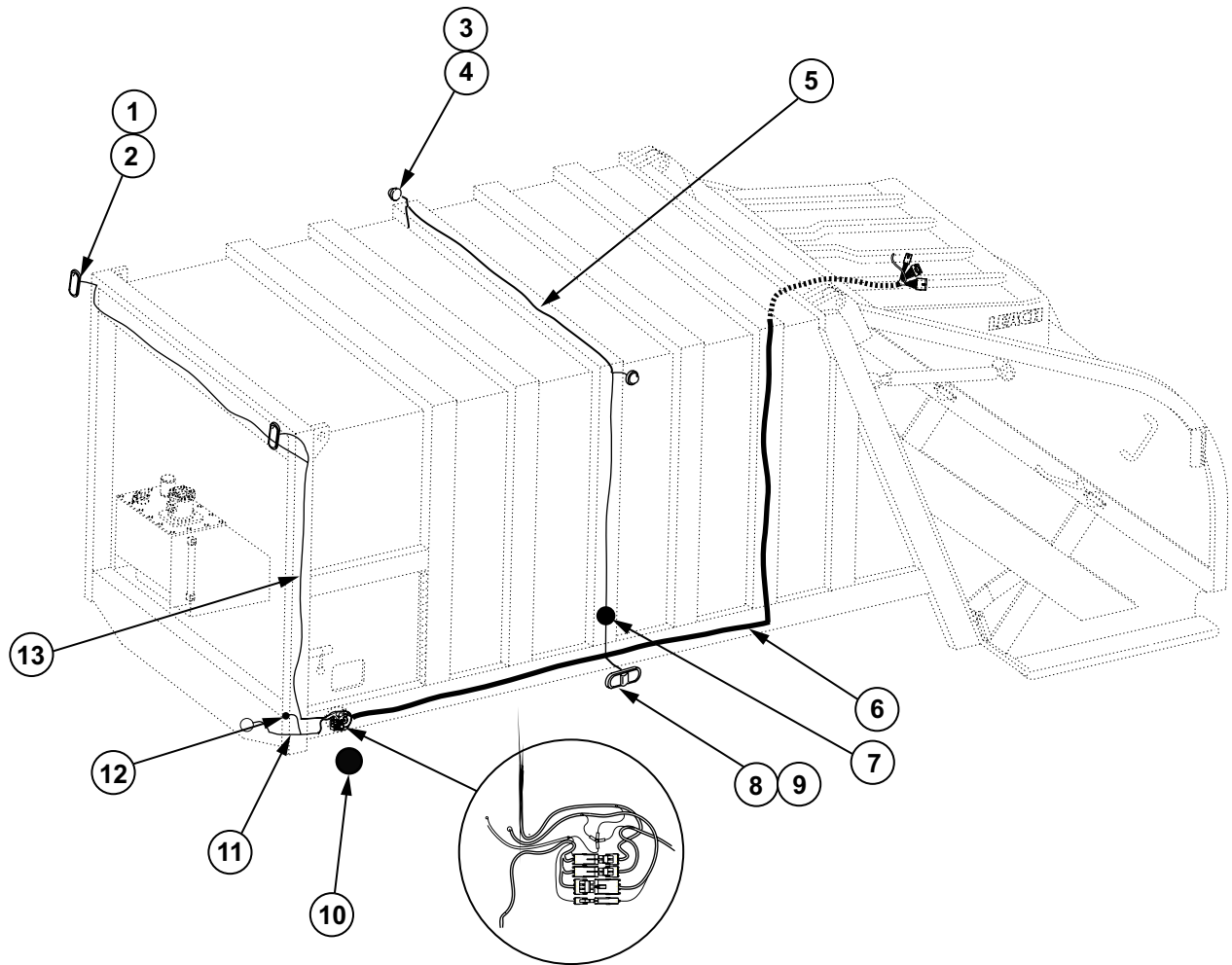
SEE PAGE 3-5 FOR SIDE DOOR
PARTS BREAKDOWN

BODY WELDMENT - 29 Yard - Commercial Trough

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	400302	APRON, Rear	1
2	702866	WELDMENT, Trough 29 YD	1
3	702865	SHEET, Floor 29 YD	2
4	300408	TUBE, Vertical Rear	2
5	PO-156	SUPPORT, Cylinder Pivot	2
6	400353	HINGE, LH	1
	400352	HINGE, RH	1
7	300407	BRACE, Rear Horizontal	1
8	210774	GUSSET, Roof to Side	AR
9	209751	RAIL, Tube Support	AR
10	208623	BAR, For Safety Tethers	2
11	200398	PLATE, Lift	2
12	401427	BRACE, Floor	AR
13	301529	GUSSET, LH	1
	301530	GUSSET, RH	1
14	602205	BRACE, Vertical Rear Side LH	1
	602206	BRACE, Vertical Rear Side RH	1
15	602135	BRACE, Vertical Side	AR
16	702806	BRACE, Floor 29 YD LH	1
	702816	BRACE, Floor 29 YD RH	1
17	200614	GUSSET	2
18	200615	PLATE, Rear Mounting	2
19	602134	BRACE, Vertical Side (With Hole For Light)	2
20	301306	BRACE, Horizontal Side	1
21	601654	TUBE, Vertical Front LH	1
	601656	TUBE, Vertical Front RH	1
22	603450	WELDMENT, Cylinder Support	1
23	603952	RING, Hydraulic Reservoir	1
24	211141	REINFORCEMENT, Hydraulic Reservoir	1

SECTION 2

BODY ELECTRICAL

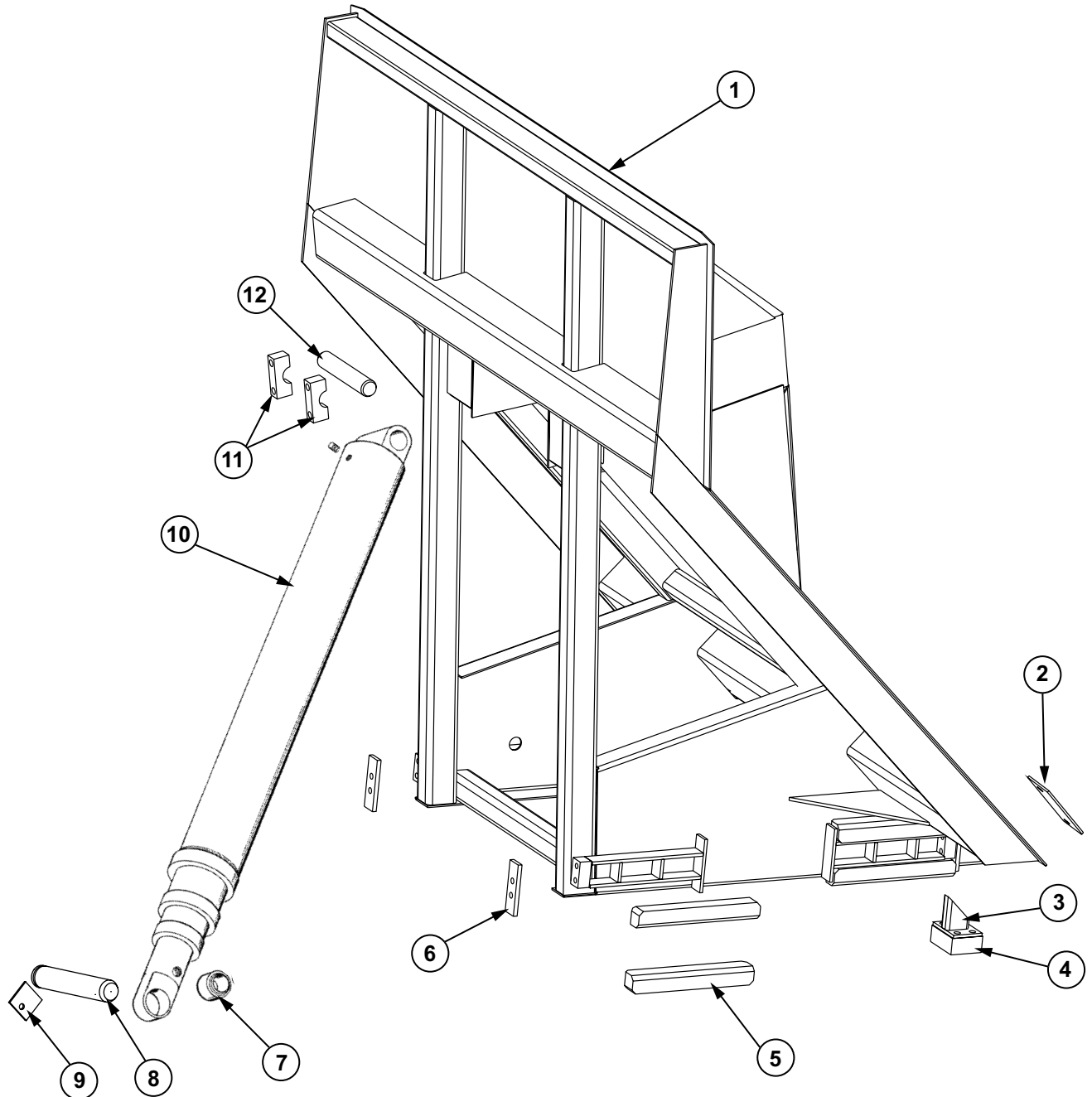


BODY ELECTRICAL

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	210900	LIGHT, Marker	2
	606337	LIGHT, Marker LED	2
2	210901	GROMMET	2
3	40623	LIGHT, Marker Amber	2
	601083	LIGHT, Marker Amber LED	2
	605936	ADAPTER, For LED Light	2
4	104977	GROMMET	2
5	605621	HARNESS, Mid Body	1
6	605616	HARNESS, Body 20 and 25 YD	1
		(Before Serial Number 16521)	1
	606287	HARNESS, Body 20 and 25 YD	1
		(After Serial Number 16520)	
	605816	HARNESS, Body 31 and 33 YD	1
		(Before Serial Number 16521)	
	606292	HARNESS, Body 31 and 33 YD	1
		(After Serial Number 16520)	
7	16135	REFLECTOR, Amber	2
	16133	RIVET	2
8	107535	LIGHT, Side Turn Signal	2
	603893	LIGHT, Side Turn Signal LED	2
	605937	ADAPTER, For LED Light	2
9	107537	GROMMET	2
10	603008	COVER, Electrical Access	1
	602716	SEAL, Electrical Access Cover	1
11	606282	HARNESS, Front Bulkhead to Body Harness	1
		(With Deutsch Connector, Includes Connector)	
	606291	HARNESS, Front Bulkhead to Body Harness	1
		(With Weatherpack Connectors)	
12	33179	BUTTON, Speed Up	1
13	606286	HARNESS, Front Body Clearance Lights	1
NOTE: Reference Technical Service Advisories TSA-01-R07 and TSA-02-R06 For Harness Information			

SECTION 3

PUSH OUT PANEL AND CYLINDER MOUNTING Standard and Low Profile



PUSH OUT PANEL AND CYLINDER MOUNTING

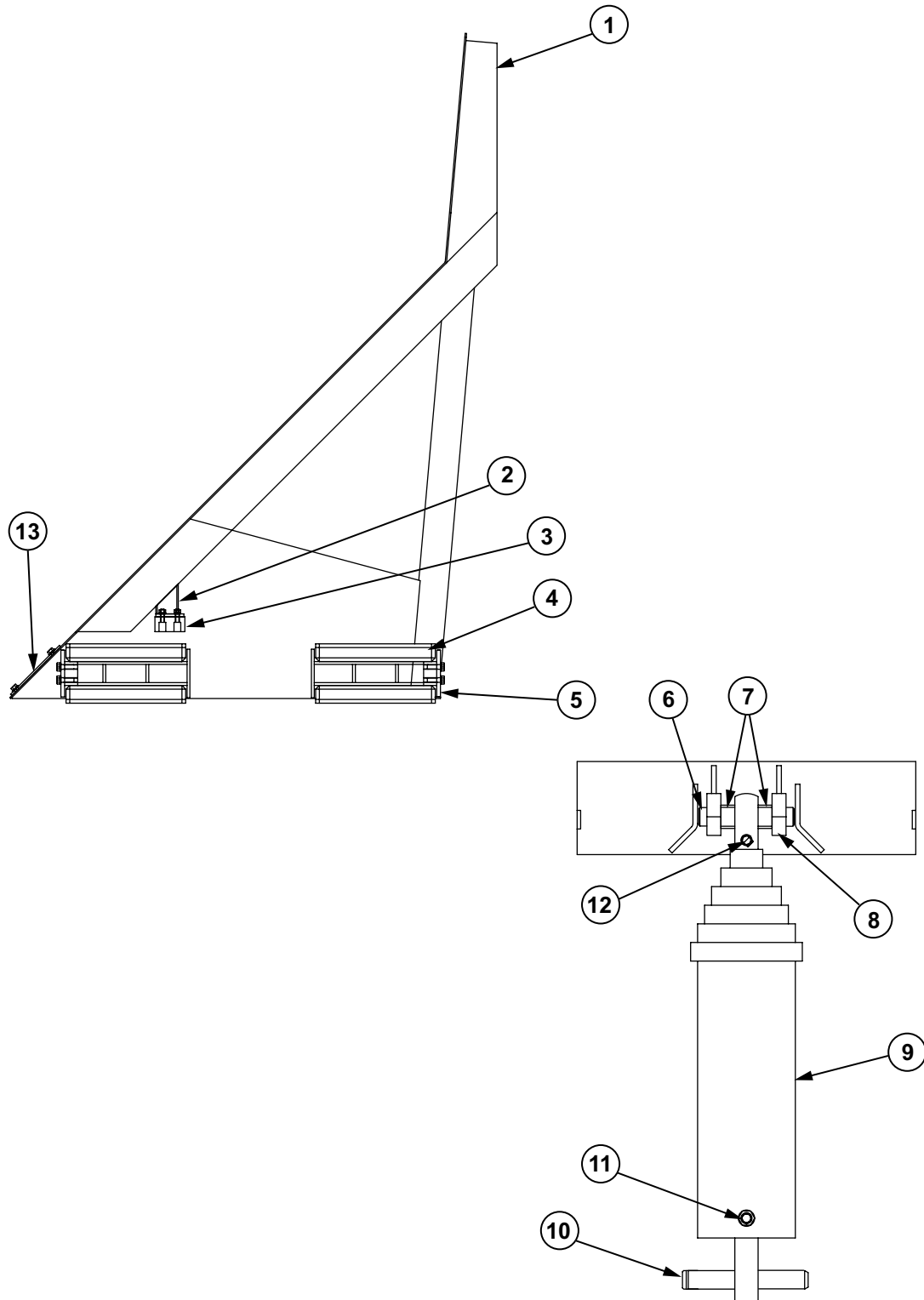
Standard and Low Profile

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	500549	WELDMENT, Ejector Panel Standard	1
	405953	WELDMENT, Ejector Panel Low Profile	1
2	209529	PLATE, Cover	2
	F0910	CAPSCREW, 1/2" x 1"	4
	F7975	WASHER, Lock 1/2"	4
	300152	ASSEMBLY, Wear Block (Includes Item 4)	2
4	200196	SHOE	2
	F6200	CAPSCREW, Socket Head 1/2" x 1 1/4"	8
	F7975	WASHER, Lock 1/2"	8
	F3250	NUT, 1/2"	8
5	200849	BLOCK, Wear	8
	702371	BLOCK, Wear (Optional Organic Wear Shoes)	8
	202643	SHIM	AR
6	200197	PLATE, Keeper	2
	F1380	CAPSCREW, 5/8" x 1 3/4"	4
	F8050	WASHER, 5/8"	4
7	108874	BEARING	1
8	603463	PIN	1
9	200830	KEEPER	1
	F0900	CAPSCREW, 1/2" x 1"	1
10	209785	ASSEMBLY, Cylinder 20 YD (Before Serial Number 40000)	1
	718909	ASSEMBLY, Cylinder 20 YD (After Serial Number 39999)	1
	209786	ASSEMBLY, Cylinder 25 YD (Before Serial Number 40000)	1
	718878	ASSEMBLY, Cylinder 25 YD (After Serial Number 39999)	1
	704045	ASSEMBLY, Cylinder 29 YD	1
	209787	ASSEMBLY, Cylinder 31 YD (Before Serial Number 40000)	1
	718876	ASSEMBLY, Cylinder 31 YD (After Serial Number 39999)	1
	210847	ASSEMBLY, Cylinder 33 YD (Before Serial Number 40000)	1
	718912	ASSEMBLY, Cylinder 33 YD (After Serial Number 39999)	1
	209739	BLOCK, Clamp	2
11	F1830	CAPSCREW, 3/4" x 3"	4
	F8075	WASHER, Lock 3/4"	4
12	209744	PIN	1

SECTION 3

PUSH OUT PANEL AND CYLINDER MOUNTING

Horizontal Telescopic Push Out



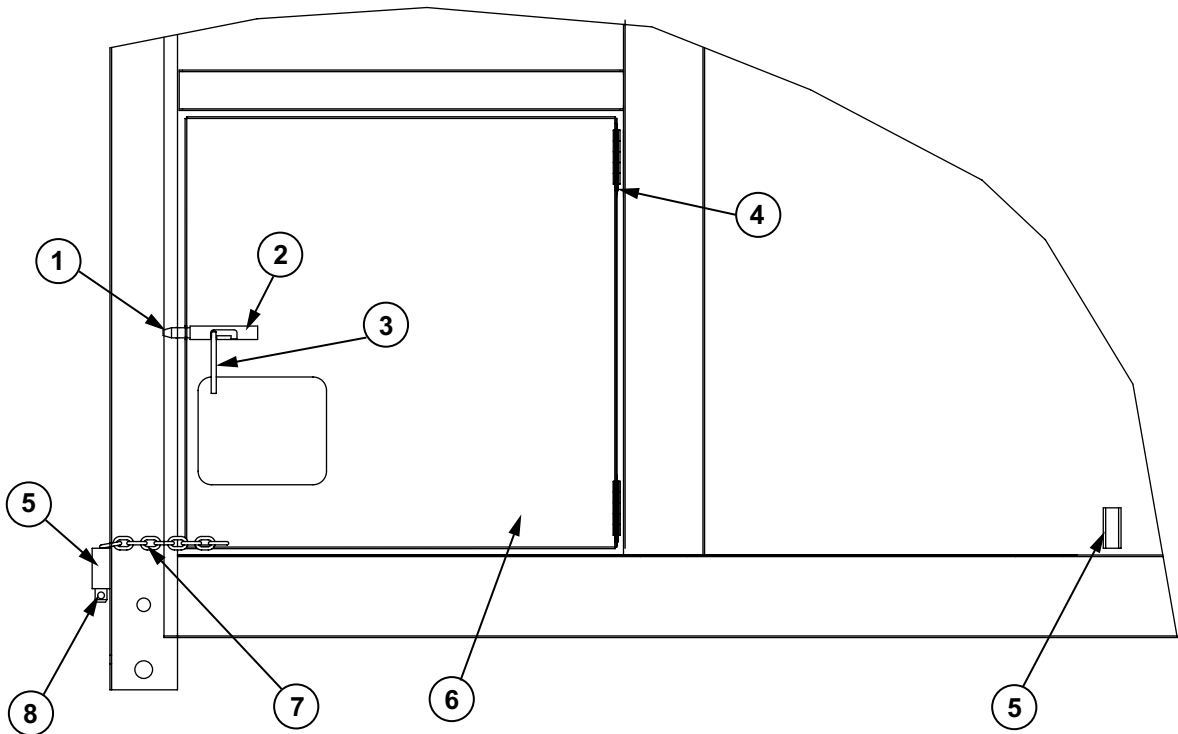
PUSH OUT PANEL AND CYLINDER MOUNTING

Horizontal Telescopic Push Out

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	500542	WELDMENT, Ejector Panel Horizontal Push Out	1
2	300152	ASSEMBLY, Wear Block (Includes Item 3)	2
3	200196	SHOE	2
	F6200	CAPSCREW, Socket Head 1/2" x 1 1/4"	4
	F7975	WASHER, Lock 1/2"	4
	F3250	NUT, 1/2"	4
4	200849	BLOCK, Wear	8
	702371	BLOCK, Wear (Optional Organic Wear Shoes)	8
	202643	SHIM	AR
5	200197	PLATE, Keeper	2
	F1380	CAPSCREW, 5/8" x 1 3/4"	4
	F8050	WASHER, Lock 5/8"	4
6	210663	PIN, Ejector Cylinder Rod End	1
7	209181	BUSHING	2
8	209603	BLOCK, Clamp	2
	F1830	CAPSCREW, 3/4" x 3"	4
	F8075	WASHER, Lock 3/4"	4
9	41296	ASSEMBLY, Cylinder 25 YD (Before Serial Number 40000)	1
	718914	ASSEMBLY, Cylinder 25 YD (After Serial Number 39999)	1
	39726	ASSEMBLY, Cylinder 31 YD	1
10	300605	PIN, Ejector Cylinder Case End	1
	200830	KEEPER	1
	F0900	CAPSCREW, Nylock 1/2" x 1"	1
11	16117	FITTING	1
12	5614-0808	ELBOW	1
13	209529	PLATE, Cover	2
	F0910	CAPSCREW, 1/2" x 1"	4
	F7975	WASHER, Lock 1/2"	4

SECTION 3

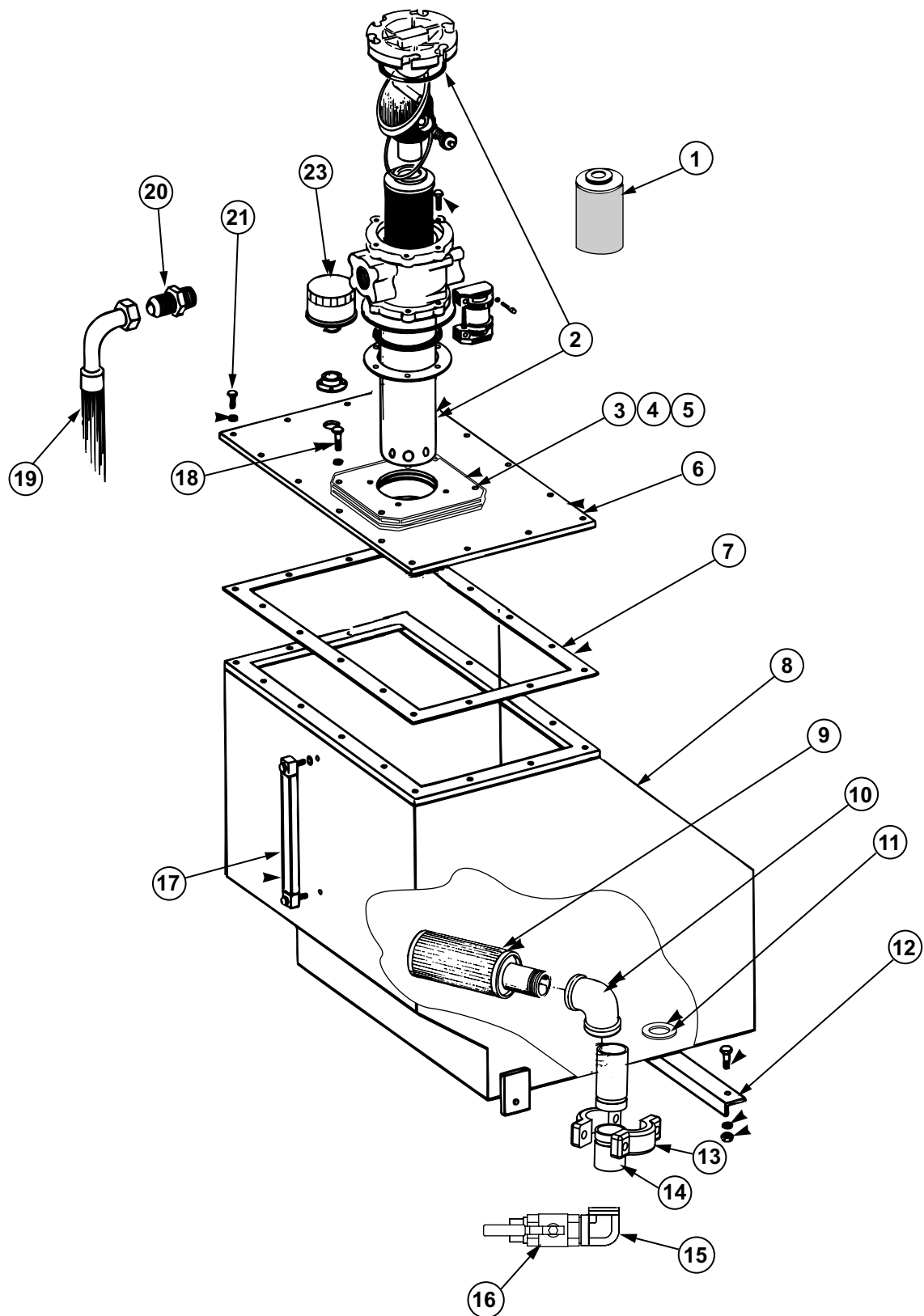
SIDE DOOR - 405830-02 (Street Side)



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	39608	BOLT, Barrel	1
2	201018	TUBE, Barrel Bolt	1
3	39609	HANDLE, Barrel Bolt	1
4	F6675	PIN, Cotter 3/32" x 1/2"	2
5	17786	SOCKET, Pin	2
6	601617	DOOR, Side With Hinges	1
7	205939	CHAIN, 1/4" 10 Link	1
8	17787	PIN, Chain	1

SECTION 4

TANK ASSEMBLY - 406941-01

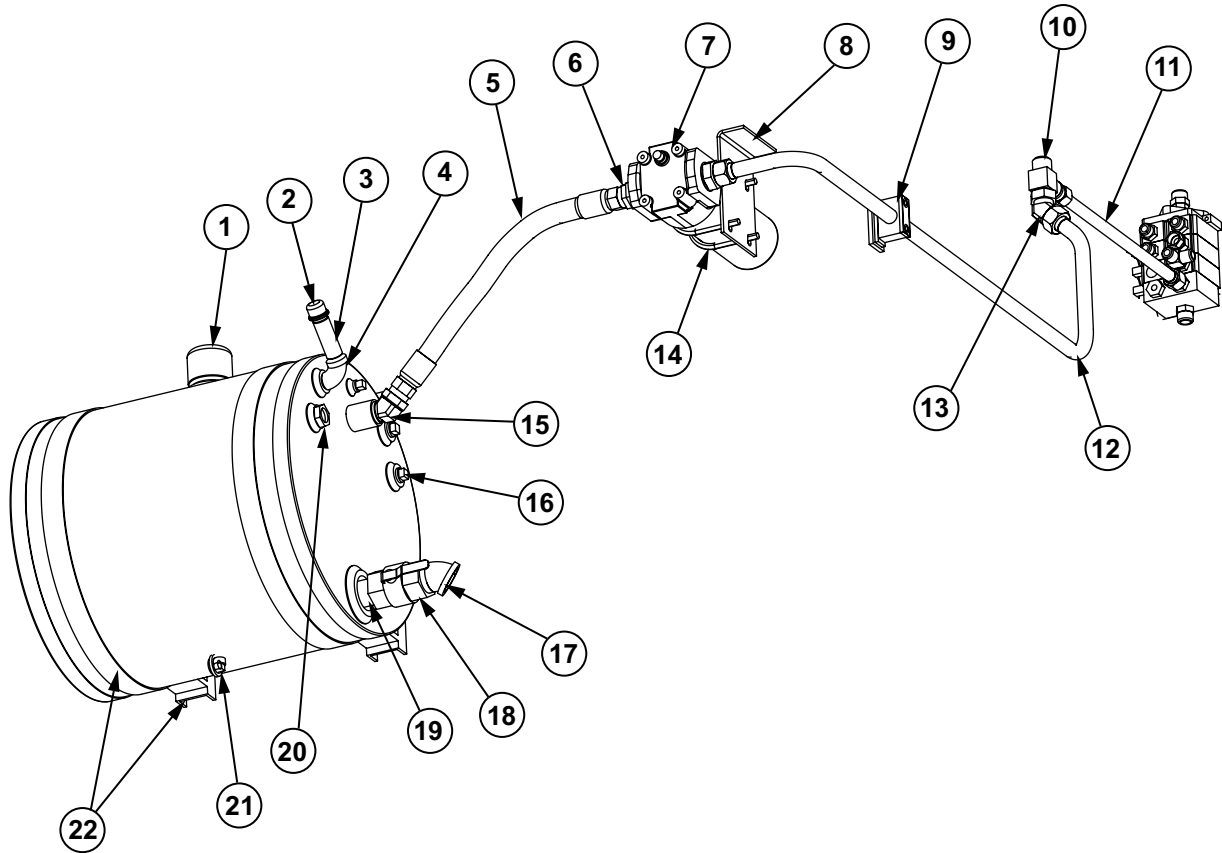


TANK ASSEMBLY - 406941-01

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	729809	ELEMENT, Filter 9 Micron	1
	107406	ELEMENT, Filter 3 Micron (Clean Up Filter)	1
2	305957	ASSEMBLY, Filter Complete	1
	17533	O-RING, Cover	1
	926783	DIVERTER, Includes Bypass Valve	1
	926616-P	VALVE, Bypass	1
	17533	O-RING, Diverter	1
	41073	GUAGE, Filter Condition	1
3	204122	GASKET	1
4	302177	ADAPTER, Filter	1
5	302179	GASKET, Adapter	1
6	207909	COVER	1
7	300055	GASKET, Cover	1
8	406940	WELDMENT, Tank	1
9	41753	STRAINER, Suction	1
10	J0030	ELBOW	1
11	100319	MAGNET, Ceramic	1
12	300133	ANGLE, Support	1
	F0277	CAPSCREW, 3/8" x 1"	2
	F7875	WASHER, Lock 3/8"	2
	F2975	NUT, 3/8"	2
13	605998	COUPLER	1
14	605997	NIPPLE, Pipe	1
	606000	BRACKET, Support (Not Shown)	1
	16217	U-BOLT (Not Shown)	1
	F2892	NUT, Nylock 5/16"	2
15	J0031	ELBOW, 2"	1
16	2910-0144B	VALVE, Ball 2"	1
	105381	TAG, Warning	1
17	HYJ00155	GUAGE, Sight	1
18	F0176	CAPSCREW, 5/16" x 1 1/4"	2
	F0100	CAPSCREW, 5/16" x 7/8"	2
	F7775	WASHER, Lock 5/16"	4
19	605557	ASSEMBLY, Hose	1
20	107788	CONNECTOR	1
21	F0100	CAPSCREW, 5/16" x 7/8"	15
	F7775	WASHER, Lock 5/16"	15
22	101348	CAP, Breather	1
	100418	ASSEMBLY, Breather	1

SECTION 4

TANK INSTALLATION - Underslung - Before S/N 20787

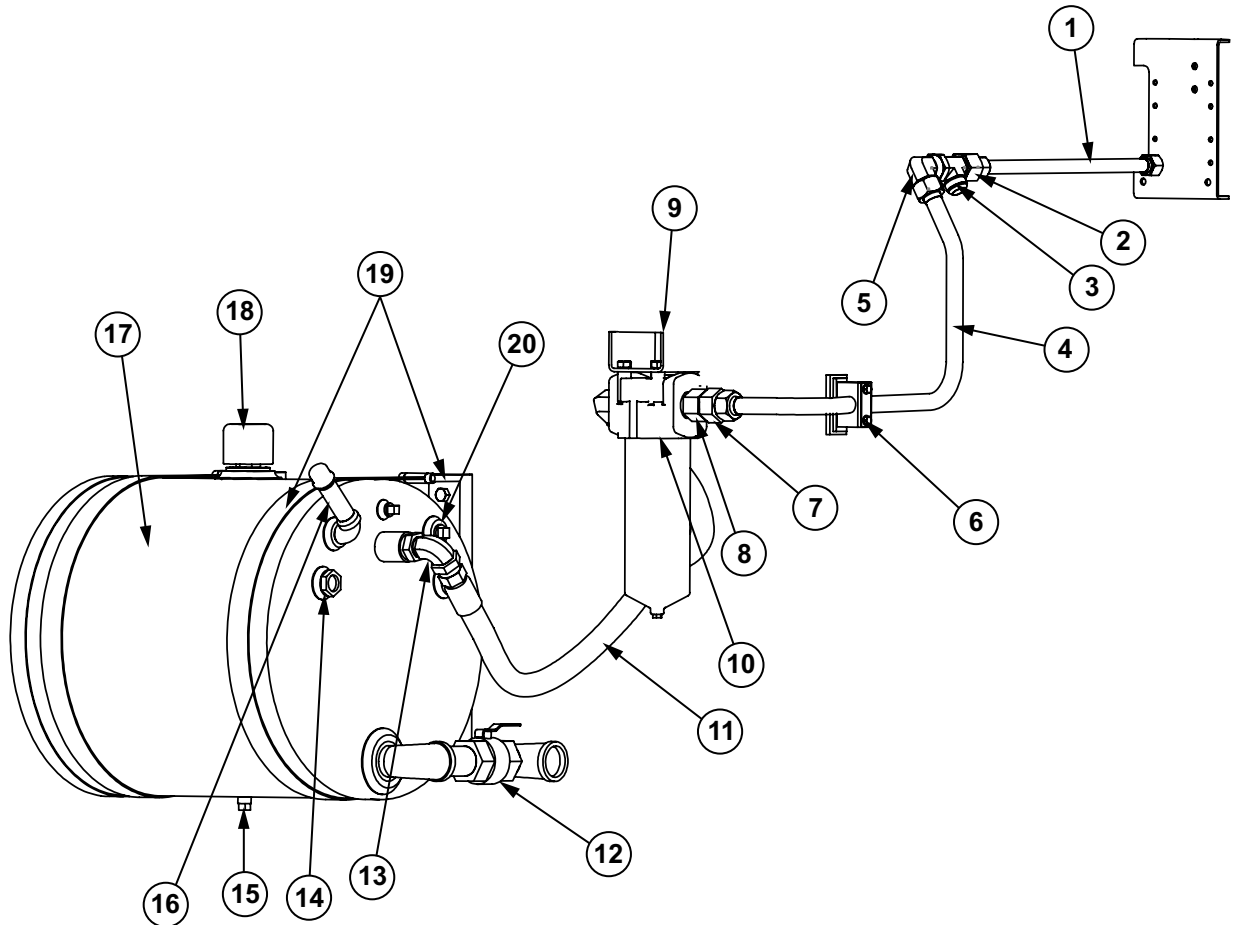


TANK INSTALLATION - Underslung - Before S/N 20787

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	101348	CAP, Breather	1
	100418	ASSEMBLY, Breather (Includes Screw, Gasket, Fill Strainer)	1
2	J0041	CAP, Fill	1
3	5206-1627	TUBE	1
4	J0015	ELBOW	1
5	605260	ASSEMBLY, Hose	1
6	107788	CONNECTOR	2
7	703103	ASSEMBLY, Filter	1
	703789	ELEMENT, Filter	1
8	604768	BRACKET, Filter Support	1
9	107631-07	PLATE, Weld	1
	209656-11	CUSHIONS, Tube 1 1/4" (Set of Two)	1
	107630-07	PLATE, Cover	1
	703326	SPACER, Tube Support	1
	F0555	CAPSCREW, 3/8" x 2 3/4"	2
10	16224	TEE	1
11	210815	ASSEMBLY, Tube	1
12	703220	ASSEMBLY, Tube	1
13	5631-0016	ELBOW	1
14	604767	U-BOLT	2
	F7975	WASHER, Lock 1/2"	4
	F3330	NUT, 1/2"	4
15	605769	ELBOW	1
16	J0103	PLUG	2
17	J0029	ELBOW	1
18	2910-0144B	VALVE, Ball	1
19	17409	NIPPLE, Pipe	1
	703743	STRAINER, Suction (Not Shown)	1
20	606342	GUAGE, Oil Level Sight	1
21	703791	PLUG, Drain Magnetic	1
22	606362	KIT, Mounting	1
	606343	ASSEMBLY, Tank (Includes 1, 15, 18, 19, 21)	1
	606341	WELDMENT, Tank	

SECTION 4

TANK INSTALLATION - Underslung - After S/N 20786

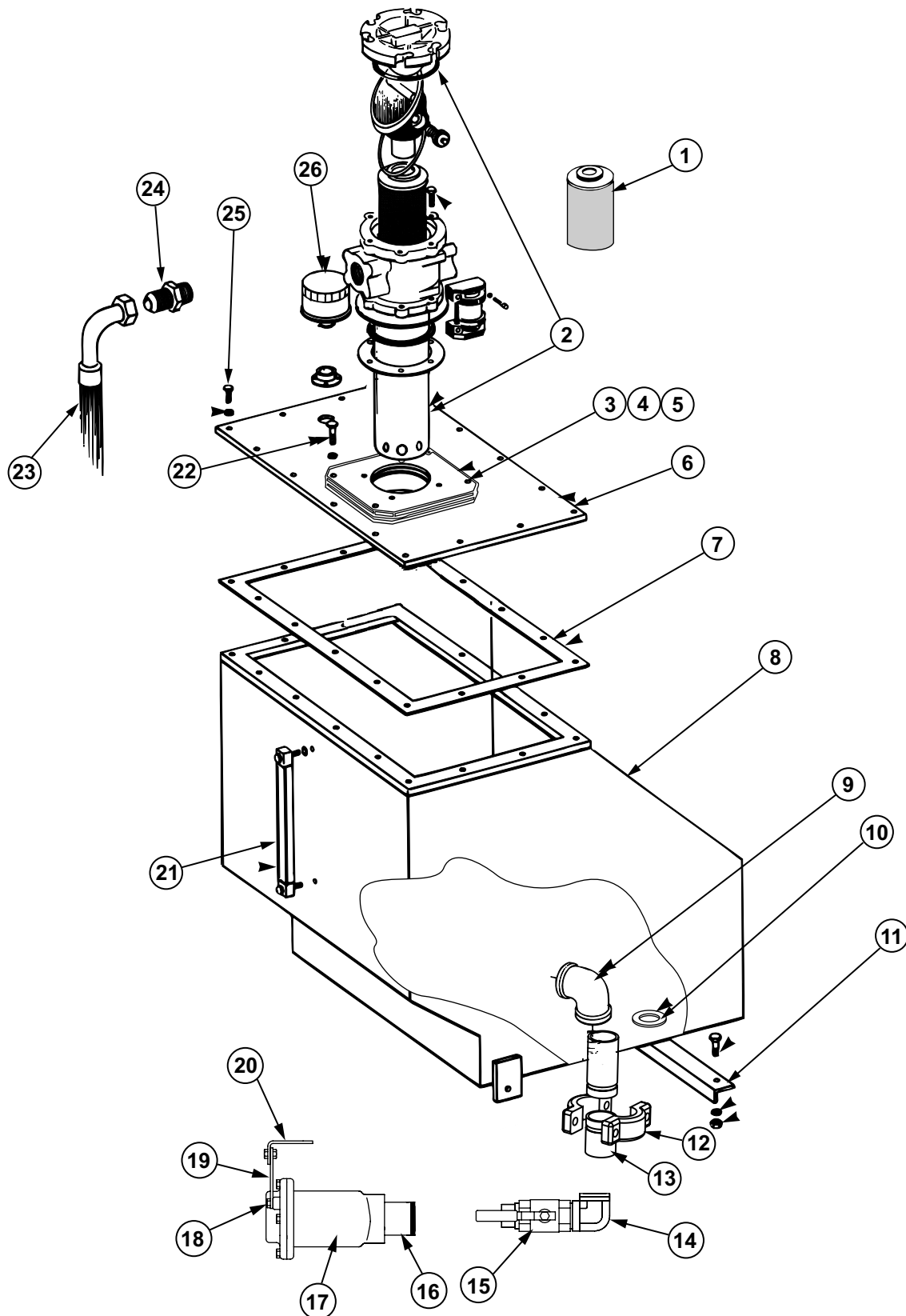


TANK INSTALLATION - Underslung - After S/N 20786

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	210815	TUBE	1
2	100272	REDUCER	1
3	16224	TEE	1
4	606336	TUBE	1
5	16222	ELBOW, 1 1/4"	1
6	107631-07	PLATE, Weld	1
	209656-11	CUSHION, 1 1/4" OD	1
	107630-07	PLATE, Cover	1
	703326	SPACER, Tube Support	1
	F0555	CAPSCREW, 3/8 - 16 x 2 3/4"	2
7	103829	REDUCER, 24-20	1
8	705075	VALVE, Check	1
9	705945	BRACKET, Filter Head Mounting	1
	F0080	CAPSCREW, 5/16 - 18 x 3/4"	4
	F7775	WASHER, Lock 5/16"	4
10	703103	ASSEMBLY, Filter	1
	703789	ELEMENT, Filter	1
11	605260	ASSEMBLY, Hose	1
12	17409	NIPPLE, Pipe 2" x 3"	1
	2910-0144B	VALVE, Ball 2"	1
	J0031	ELBOW	1
13	J0090	REDUCER	1
	1358	ELBOW	1
14	606342	GUAGE, Sight	1
15	703791	PLUG, Drain Magnetic	1
16	5206-1627	TUBE	1
	J0041	CAP, Pipe	1
	J0015	ELBOW	1
17	606343	ASSEMBLY, Underslung Tank	1
18	101348	CAP, Breather	1
	100418	ASSEMBLY, Breather Cap	1
19	606362	KIT, Mounting	1
	F1380	BOLT, 5/8" - 11 x 1 3/4" Hex	4
	F3510	NUT, 5/8" - 11 Hex	4
20	J0103	PLUG, 1" Square Head Pipe	1

SECTION 4

TANK ASSEMBLY 606132 EXTERNAL STRAINER BEFORE 1/23/02



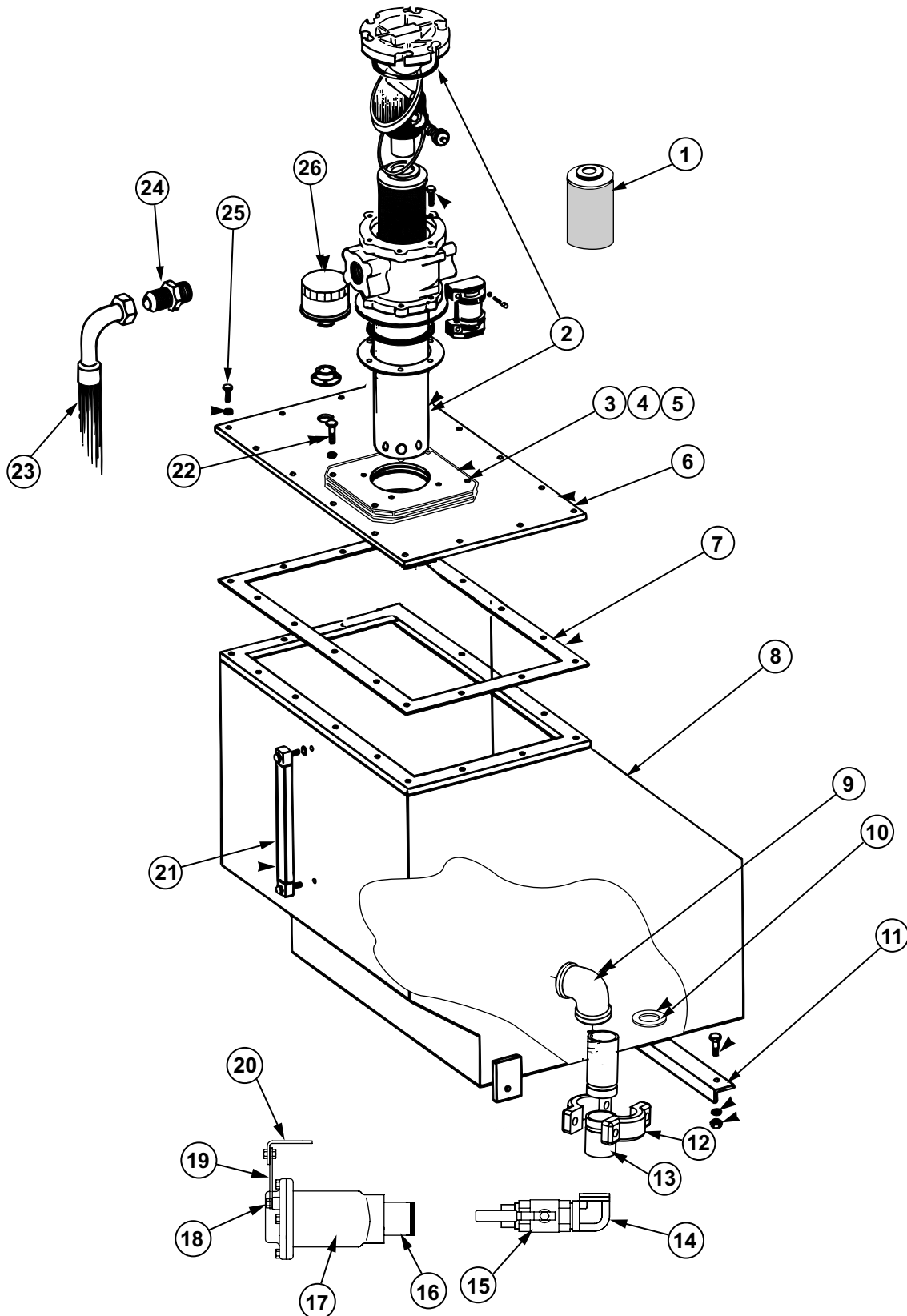
TANK ASSEMBLY 606132 EXTERNAL STRAINER

BEFORE 1/23/02

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	729809	ELEMENT, Filter 9 Micron	1
2	305957	ASSEMBLY, Filter Complete	1
	17533	O-RING, Cover	1
	926783	DIVERTER, Includes Bypass Valve	1
	926616-P	VALVE, Bypass	1
	17533	O-RING, Diverter	1
	41073	GUAGE, Filter Condition	1
3	204122	GASKET	1
4	302177	ADAPTER, Filter	1
5	302179	GASKET, Adapter	1
6	207909	COVER	1
7	300055	GASKET, Cover	1
8	406940	WELDMENT, Tank	1
9	J0030	ELBOW	1
10	100319	MAGNET, Ceramic	1
11	300133	ANGLE, Support	1
	F0277	CAPSCREW, 3/8" x 1"	2
	F7875	WASHER, Lock 3/8"	2
	F2975	NUT, 3/8"	2
12	605998	COUPLER	1
13	605997	NIPPLE, Pipe	1
	606000	BRACKET, Support (Not Shown)	1
	16217	U-BOLT (Not Shown)	1
	F2892	NUT, Nylock 5/16"	2
14	J0031	ELBOW, 2"	1
15	2910-0144B	VALVE, Ball 2"	1
16	17409	NIPPLE	1
17	102784	ASSEMBLY, Inline Strainer	1
	100942	ELEMENT, Strainer	1
	100941	O-RING	1
18	F8300	CAPSCREW, Flange 3/8" x 3/4"	2
19	606090	BRACKET, Strainer Mount	1
	F8300	CAPSCREW, Flange 3/8" x 3/4"	2
	F7250	WASHER, Flat 3/8"	2
	F2975	NUT, 3/8"	2
20	210072	BRACKET, Strainer Support	1
	105381	TAG, Warning	1
21	HYJ00155	GUAGE, Sight	1
22	F0176	CAPSCREW, 5/16" x 1 1/4"	2
	F0100	CAPSCREW, 5/16" x 7/8"	2
	F7775	WASHER, Lock 5/16"	4
23	605557	ASSEMBLY, Hose	1
24	107788	CONNECTOR	1
25	F0100	CAPSCREW, 5/16" x 7/8"	15
	F7775	WASHER, Lock 5/16"	15
26	101348	CAP, Breather	1
	100418	ASSEMBLY, Breather	1

SECTION 4

TANK ASSEMBLY 706204 EXTERNAL STRAINER AFTER 1/22/02



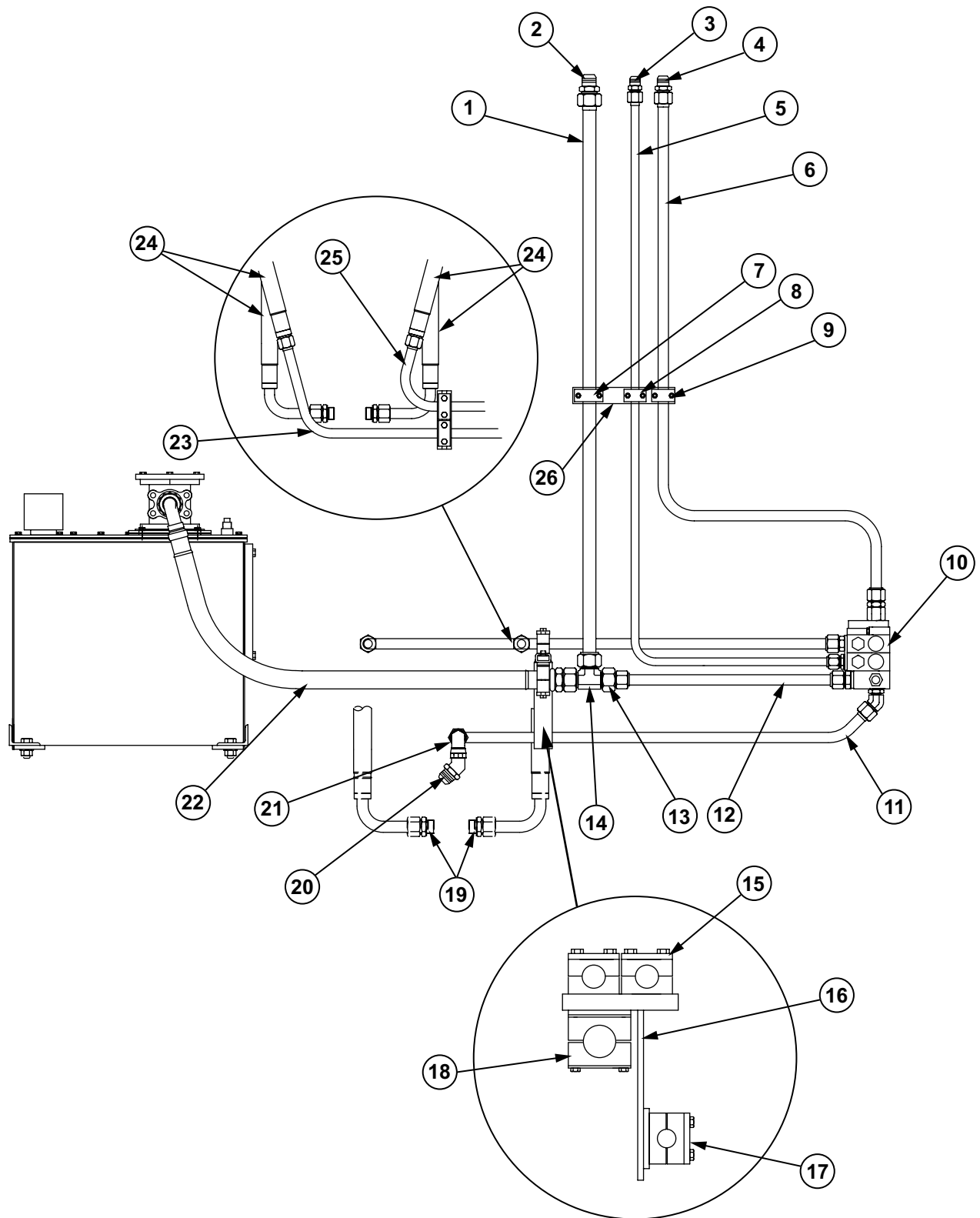
TANK ASSEMBLY 706204 EXTERNAL STRAINER

AFTER 1/22/02

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	729809	ELEMENT, Filter 9 Micron	1
2	706203	ASSEMBLY, Filter Complete	1
3	204122	GASKET	1
4	302177	ADAPTER, Filter	1
5	302179	GASKET, Adapter	1
6	207909	COVER	1
7	300055	GASKET, Cover	1
8	706175	WELDMENT, Tank	1
9	J0030	ELBOW	1
10	100319	MAGNET, Ceramic	1
11	300133	ANGLE, Support	1
	F0277	CAPSCREW, 3/8" x 1"	2
	F7875	WASHER, Lock 3/8"	2
	F2975	NUT, 3/8"	2
12	605998	COUPLER	1
13	605997	NIPPLE, Pipe	1
	606000	BRACKET, Support (Not Shown)	1
	16217	U-BOLT (Not Shown)	1
	F2892	NUT, Nylock 5/16"	2
14	J0031	ELBOW, 2"	1
15	2910-0144B	VALVE, Ball 2"	1
16	17409	NIPPLE	1
17	102784	ASSEMBLY, Inline Strainer	1
	100942	ELEMENT, Strainer	1
	100941	O-RING	1
18	F8300	CAPSCREW, Flange 3/8" x 3/4"	2
19	606090	BRACKET, Strainer Mount	1
	F8300	CAPSCREW, Flange 3/8" x 3/4"	2
	F7250	WASHER, Flat 3/8"	2
	F2975	NUT, 3/8"	2
20	210072	BRACKET, Strainer Support	1
	105381	TAG, Warning	1
21	HYJ00155	GUAGE, Sight	1
22	F0176	CAPSCREW, 5/16" x 1 1/4"	2
	F0100	CAPSCREW, 5/16" x 7/8"	2
	F7775	WASHER, Lock 5/16"	4
23	705972	ASSEMBLY, Hose	1
24	107788	CONNECTOR	1
25	F0100	CAPSCREW, 5/16" x 7/8"	15
	F7775	WASHER, Lock 5/16"	15
26	101348	CAP, Breather	1
	100418	ASSEMBLY, Breather	1

SECTION 4

FRONT TUBING - 605990 - Before S/N 16838 With Single Stage Relief



FRONT TUBING - 605990 - Before S/N 16838

With Single Stage Relief

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	605552	ASSEMBLY, Tube Return 1 1/4"	1
2	16123	UNION	1
3	16215	UNION	1
4	32471	UNION	1
5	605932	ASSEMBLY, Tube Tailgate Lift 3/4"	1
6	605933	ASSEMBLY, Tube Pressure 1"	1
7	100364	SUPPORT, Tube 1 1/4"	1
8	100363	SUPPORT, Tube 3/4"	1
9	102624	SUPPORT, Tube 1"	1
10	209752-07	ASSEMBLY, Valve (See Page 5-3 For Breakdown)	1
11	605556	ASSEMBLY, Tube Pressure	1
12	210815	ASSEMBLY, Tube Return	1
13	100272	REDUCER, 1 1/4" to 1"	1
14	16224	TEE	1
15	102624	SUPPORT, Tube 1"	2
16	603229-01	BRACKET, Tube Support	1
17	209656-10	CUSHION, 1" (Set of Two)	1
	2727-0005A	PLATE, Cover	1
	F0575	CAPSCREW, 3/8" x 3"	2
	F3075	NUT, Elastic Stop 3/8"	2
18	2127-0072A	CUSHION, 1.87" (Set of Two)	1
	107630-04	PLATE, Cover	1
	F0063	CAPSCREW, 1/4" x 3"	2
19	103134	CONNECTOR, Telescopic Cylinder	2
20	16195	ELBOW	1
21	16195	ELBOW	1
22	605557	ASSEMBLY, Hose	1
23	605554	ASSEMBLY, Tube RH	1
24	604079	ASSEMBLY, Hose Extend and Retract	2
25	605553	ASSEMBLY, Tube LH	1
26	209751	RAIL, Tube Support	1

FRONT TUBING - 605990 - After S/N 16837

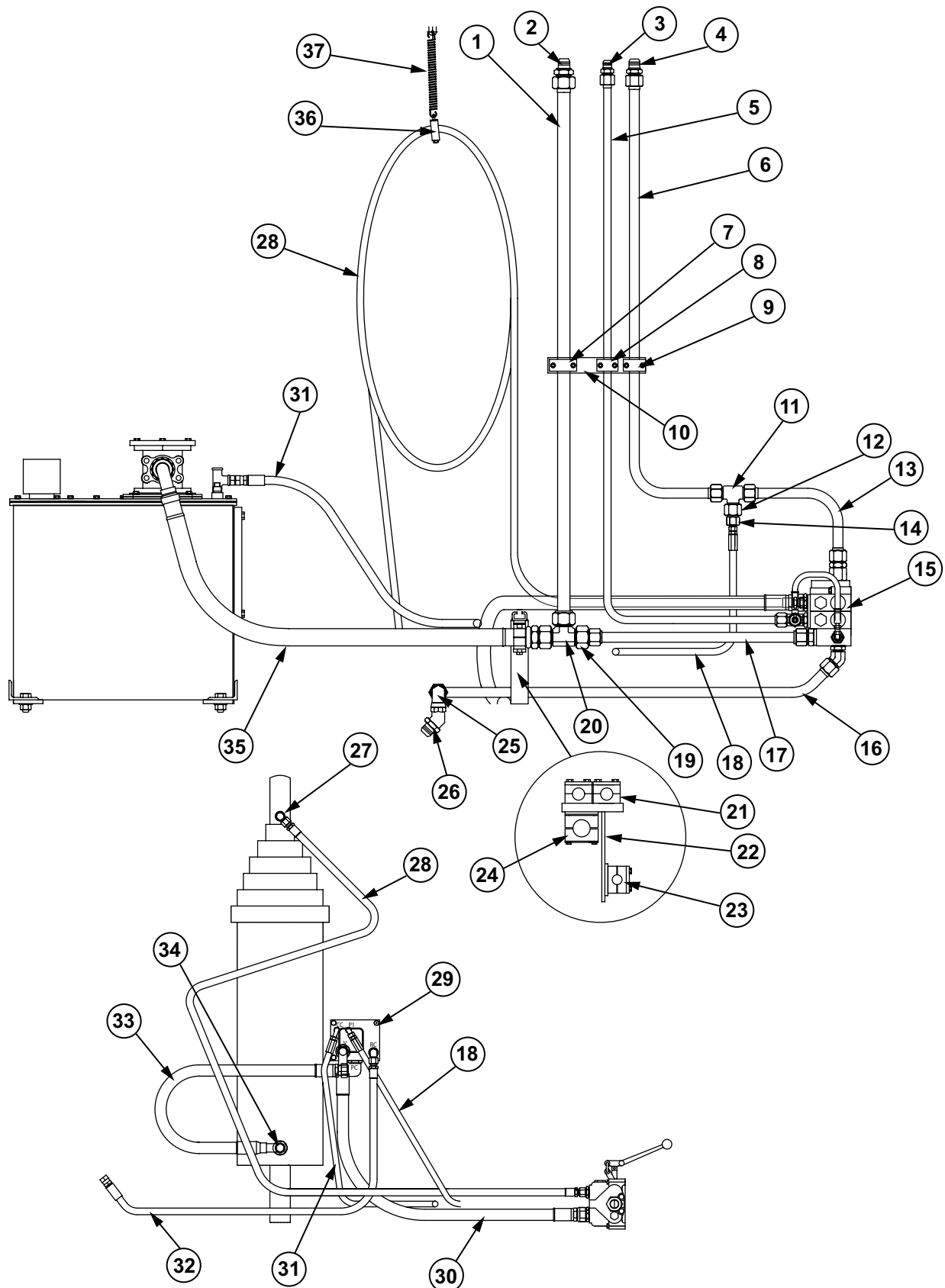


FRONT TUBING - 605990 - After S/N 16837

With Dual Stage Relief

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	605552	ASSEMBLY, Tube Return 1 1/4"	1
2	16123	UNION	1
3	16215	UNION	1
4	32471	UNION	1
5	605932	ASSEMBLY, Tube Tailgate Lift 3/4"	1
6	605933	ASSEMBLY, Tube Pressure 1"	1
7	100364	SUPPORT, Tube 1 1/4"	1
8	100363	SUPPORT, Tube 3/4"	1
9	102624	SUPPORT, Tube 1"	1
10	209752-13	ASSEMBLY, Valve (See Page 5-3 For Breakdown)	1
11	605556	ASSEMBLY, Tube Pressure	1
12	210815	ASSEMBLY, Tube Return	1
13	100272	REDUCER, 1 1/4" to 1"	1
14	16224	TEE	1
15	102624	SUPPORT, Tube 1"	2
16	603229-01	BRACKET, Tube Support	1
17	209656-10	CUSHION, 1" (Set of Two)	1
	2727-0005A	PLATE, Cover	1
	F0575	CAPSCREW, 3/8" x 3"	2
	F3075	NUT, Elastic Stop 3/8"	2
18	2127-0072A	CUSHION, 1.87" (Set of Two)	1
	107630-04	PLATE, Cover	1
	F0063	CAPSCREW, 1/4" x 3"	2
19	103134	CONNECTOR, Telescopic Cylinder	2
20	16195	ELBOW	1
21	16195	ELBOW	1
22	605557	ASSEMBLY, Hose	1
23	605554	ASSEMBLY, Tube RH	1
24	604079	ASSEMBLY, Hose Extend and Retract	2
25	605553	ASSEMBLY, Tube LH	1
26	209751	RAIL, Tube Support	1

FRONT TUBING - For Horizontal Pushout Cylinder

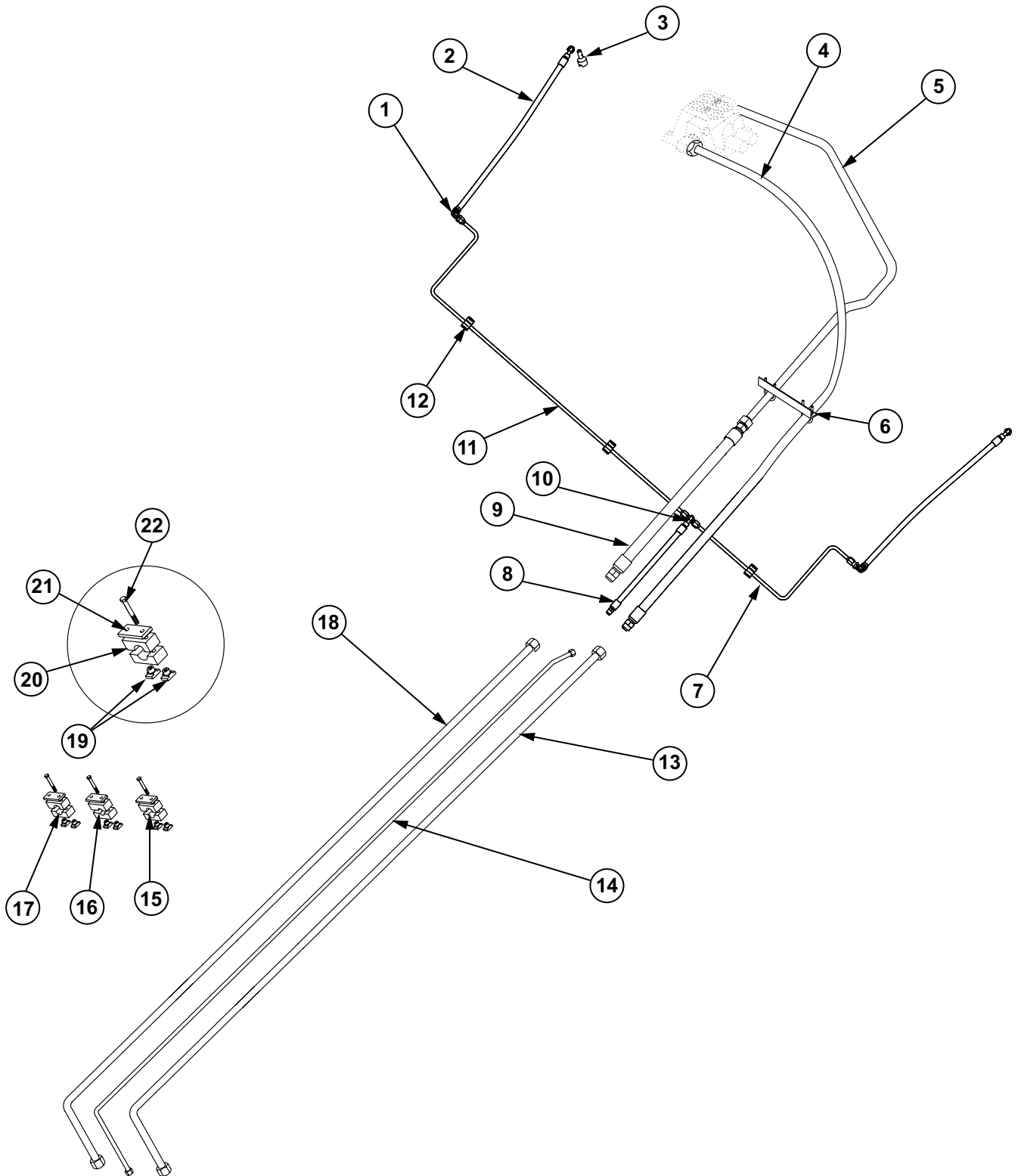


FRONT TUBING - For Horizontal Pushout Cylinder

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	605552	ASSEMBLY, Tube Return 1 1/4"	1
2	16123	UNION	1
3	16215	UNION	1
4	32471	UNION	1
5	605932	ASSEMBLY, Tube Tailgate Lift 3/4"	1
6	606140	ASSEMBLY, Tube Pressure 1"	1
7	100364	SUPPORT, Tube 1 1/4"	1
8	100363	SUPPORT, Tube 3/4"	1
9	102624	SUPPORT, Tube 1"	1
10	209751	RAIL, Tube Support	1
11	5618-0016	TEE	1
12	33444	REDUCER	1
	SR-7727-1	NUT, Tube	1
13	605271	ASSEMBLY, Tube 1"	1
14	108331	REDUCER	1
	SR-7726-1	NUT, Tube	1
15	209752-13	ASSEMBLY, Valve (See Page 5-3 For Details)	1
16	605556	ASSEMBLY, Tube Pressure	1
17	210815	ASSEMBLY, Tube Return	1
18	104723	ASSEMBLY, Hose (To Port P1 on Pressure Reducing Valve)	1
19	100272	REDUCER	1
20	16224	TEE	1
21	102624	SUPPORT, Tube 1"	2
22	603229-01	BRACKET, Tube Support	1
23	209656-10	CUSHION, 1" (Set of Two)	1
	2727-0005A	PLATE, Cover	1
	F0575	CAPSCREW, 3/8" x 3"	2
	F3075	NUT, Elastic Stop 3/8"	2
24	2127-0072A	CUSHION, 1.87" (Set of Two)	1
	107630-04	PLATE, Cover	1
	F0063	CAPSCREW, 1/4" x 3"	2
25	18009	ELBOW	1
26	16195	ELBOW	1
27	5614-0808	ELBOW	1
28	201249	ASSEMBLY, Hose Retract	1
29	104768	ASSEMBLY, Pressure Reducing Valve (See Page 5-?)	1
30	211179	ASSEMBLY, Hose Extend	1
31	606145	ASSEMBLY, Hose To Carrier Cylinder Head Port, 25 Yard	1
	606149	ASSEMBLY, Hose To Carrier Cylinder Head Port, 31 Yard	1
32	606133	ASSEMBLY, Hose To Tank	1
	1376	CONNECTOR, Hose To Tank Tee	1
	102568	TEE, Street	1
33	605395	ASSEMBLY, Hose Extend	1
34	16117	FITTING	1
35	605557	ASSEMBLY, Hose Return	1
36	102502	CUSHION (Set of Two)	2
	102504	BOLT, Eye	2
	F0211	CAPSCREW, 5/16" x 2"	4
	F2875	NUT, 5/16"	4
	F7200	WASHER, Flat 5/16"	4
37	39020	SPRING	2

SECTION 4

TOP BODY & TAILGATE LIFT TUBING - Standard

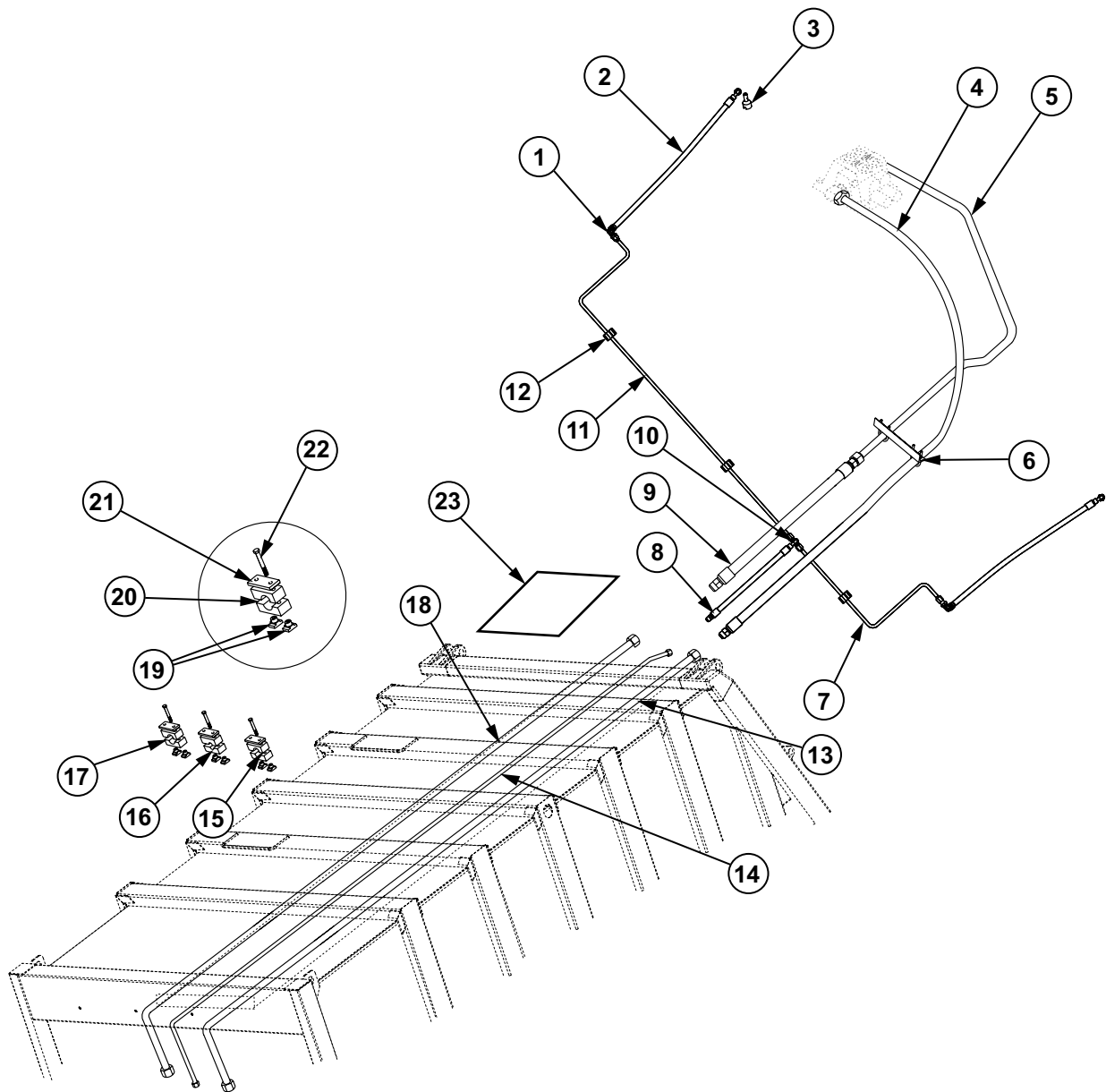


TOP BODY & TAILGATE LIFT TUBING - Standard

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700121	ELBOW, Bulkhead Connector	2
2	700120	ASSEMBLY, Hose Tailgate Lift Cylinder	2
	101161	CONNECTOR	2
3	701845	PIN, Restrictor	2
4	700117	ASSEMBLY, Hose Supply	1
5	700118	ASSEMBLY, Hose Return	1
	712012	ASSEMBLY, Hose Return (Replaces Items #5 and #9)	1
6	700272	BRACKET, Tube/Hose Support	1
	16190	U-BOLT	2
	F2775	NUT, Elastic Stop 1/4"	2
	F7075	WASHER, Flat 1/4"	2
7	700142	ASSEMBLY, Tube LH	1
8	700123	ASSEMBLY, Hose	1
9	700122	ASSEMBLY, Hose Return	1
	712012	ASSEMBLY, Hose Return (Replaces Items #5 and #9)	1
10	700144	TEE	1
11	700143	ASSEMBLY, Tube RH	1
12	106986	ASSEMBLY, Tube Support	3
	100267-01	PLATE, Weld	3
13	605903	ASSEMBLY, Tube 1" Supply 20 Yard	1
	605906	ASSEMBLY, Tube 1" Supply 25 Yard	1
	605909	ASSEMBLY, Tube 1" Supply 31 Yard	1
	605912	ASSEMBLY, Tube 1" Supply 33 Yard	1
14	605904	ASSEMBLY, Tube 3/4" Tailgate Lift 20 Yard	1
	605907	ASSEMBLY, Tube 3/4" Tailgate Lift 25 Yard	1
	605910	ASSEMBLY, Tube 3/4" Tailgate Lift 31 Yard	1
	605913	ASSEMBLY, Tube 3/4" Tailgate Lift 33 Yard	1
15	102624	KIT, Tube Support 1"	3
16	100363	KIT, Tube Support 3/4"	3
17	100364	KIT, Tube Support 1 1/4"	3
18	605902	ASSEMBLY, Tube 1 1/4" Return 20 Yard	1
	605905	ASSEMBLY, Tube 1 1/4" Return 25 Yard	1
	605908	ASSEMBLY, Tube 1 1/4" Return 31 Yard	1
	605911	ASSEMBLY, Tube 1 1/4" Return 33 Yard	1
19	100365	NUT, Rail	AR
20	209656-09	CUSHION, 3/4" (Set of Two)	AR
	209656-10	CUSHION, 1" (Set of Two)	AR
	209656-11	CUSHION, 1 1/4" (Set of Two)	AR
21	107630-06	PLATE, Cover (For 3/4" and 1" Tube Supports)	AR
	107630-07	PLATE, Cover (For 1 1/4" Tube Support)	AR
22	F0500	CAPSCREW, 3/8" x 2 1/4" (For 3/4" and 1" Tube Supports)	AR
	F0555	CAPSCREW, 3/8" x 2 3/4" (For 1 1/4" Tube Support)	AR

SECTION 4

TOP BODY & TAILGATE LIFT TUBING - Low Profile

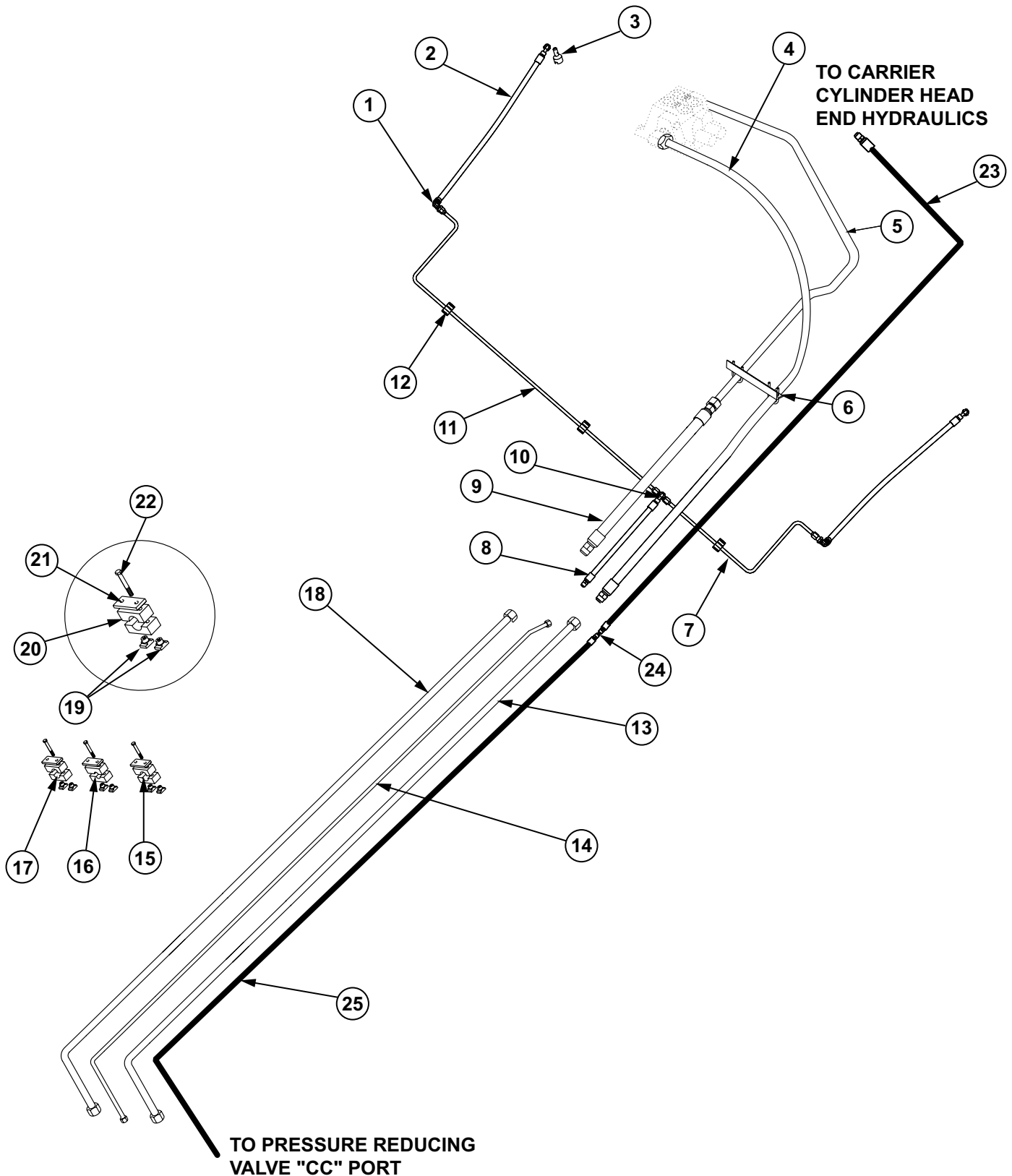


TOP BODY & TAILGATE LIFT TUBING - Low Profile

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700121	ELBOW, Bulkhead Connector	2
2	700120	ASSEMBLY, Hose Tailgate Lift Cylinder	2
	101161	CONNECTOR	2
3	701845	PIN, Restriction	2
4	700117	ASSEMBLY, Hose Supply	1
5	700118	ASSEMBLY, Hose Return	1
	712012	ASSEMBLY, Hose Return (Replaced Items #5 and #9)	1
6	700272	BRACKET, Tube/Hose Support	1
	16190	U-BOLT	2
	F2775	NUT, Elastic Stop 1/4"	2
	F7075	WASHER, Flat 1/4"	2
7	700142	ASSEMBLY, Tube LH	1
8	700445	ASSEMBLY, Hose	1
9	700444	ASSEMBLY, Hose Return	1
	712012	ASSEMBLY, Hose Return (Replaces Items #5 and #9)	1
10	700144	TEE	1
11	700143	ASSEMBLY, Tube RH	1
12	106986	ASSEMBLY, Tube Support	3
	100267-01	PLATE, Weld	3
13	605589	ASSEMBLY, Tube 1" Supply 20 Yard	1
	605573	ASSEMBLY, Tube 1" Supply 25 Yard	1
	605590	ASSEMBLY, Tube 1" Supply 31 Yard	1
14	605587	ASSEMBLY, Tube 3/4" Tailgate Lift 20 Yard	1
	605574	ASSEMBLY, Tube 3/4" Tailgate Lift 25 Yard	1
	605588	ASSEMBLY, Tube 3/4" Tailgate Lift 31 Yard	1
15	102624	KIT, Tube Support 1"	3
16	100363	KIT, Tube Support 3/4"	3
17	100364	KIT, Tube Support 1 1/4"	3
18	605591	ASSEMBLY, Tube 1 1/4" Return 20 Yard	1
	605572	ASSEMBLY, Tube 1 1/4" Return 25 Yard	1
	605592	ASSEMBLY, Tube 1 1/4" Return 31 Yard	1
19	100365	NUT, Rail	AR
20	209656-09	CUSHION, 3/4" (Set of Two)	AR
	209656-10	CUSHION, 1" (Set of Two)	AR
	209656-11	CUSHION, 1 1/4" (Set of Two)	AR
21	107630-06	PLATE, Cover (For 3/4" and 1" Tube Support)	AR
	107630-07	PLATE, Cover (For 1 1/4" Tube Support)	AR
22	F0500	CAPSCREW, 3/8" x 2 1/4" (For 3/4" and 1" Tube Supports)	AR
	F0555	CAPSCREW, 3/8" x 2 3/4" (For 1 1/4" Tube Support)	AR
23	606255	COVER, Top Tubes	1

SECTION 4

TOP BODY & TAILGATE LIFT TUBING For Horizontal Pushout



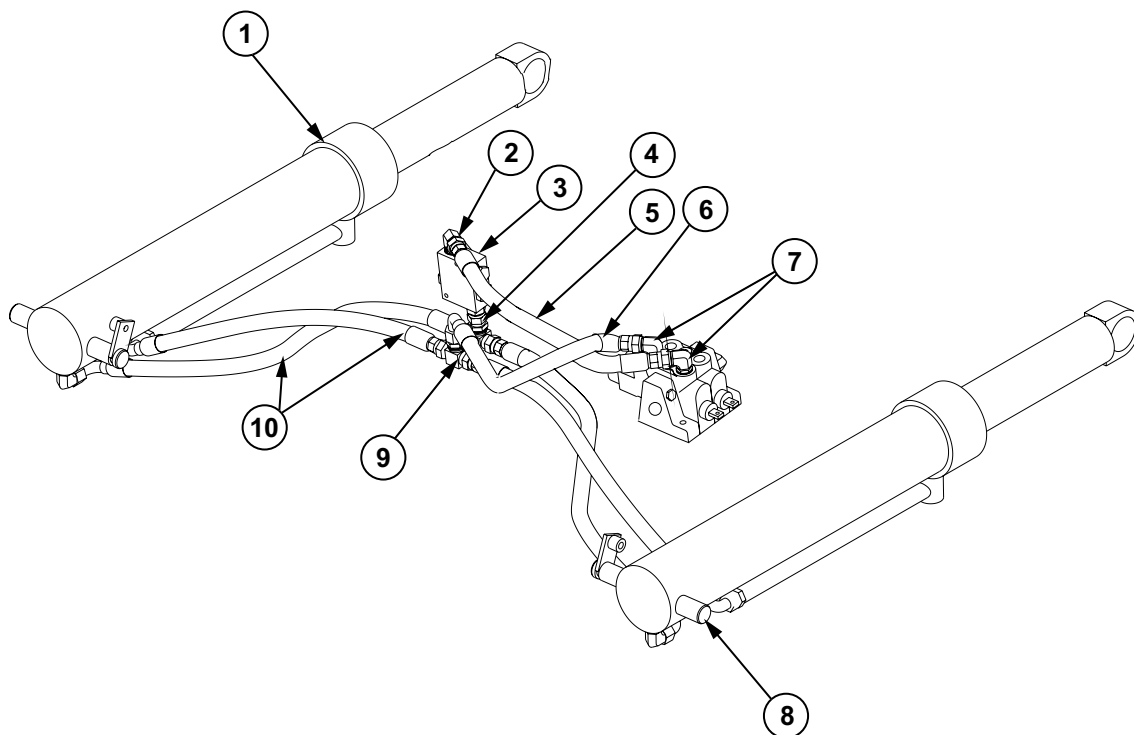
TOP BODY & TAILGATE LIFT TUBING

For Horizontal Pushout

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700121	ELBOW, Bulkhead Connector	2
2	700120	ASSEMBLY, Hose Tailgate Lift Cylinder	2
	101161	CONNECTOR	2
3	701845	PIN, Restrictor	2
4	700117	ASSEMBLY, Hose Supply	1
5	700118	ASSEMBLY, Hose Return	1
	712012	ASSEMBLY, Hose Return (Replaces Items #5 and #9)	1
6	700272	BRACKET, Tube/Hose Support	1
	16190	U-BOLT	2
	F2775	NUT, Elastic Stop 1/4"	2
	F7075	WASHER, Flat 1/4"	2
7	700142	ASSEMBLY, Tube LH	1
8	700123	ASSEMBLY, Hose	1
9	700122	ASSEMBLY, Hose Return	1
	712012	ASSEMBLY, Hose Return (Replaces Items #5 and #9)	1
10	700144	TEE	1
11	700143	ASSEMBLY, Tube RH	1
12	106986	ASSEMBLY, Tube Support	3
	100267-01	PLATE, Weld	3
13	605906	ASSEMBLY, Tube 1" Supply 25 Yard	1
	605909	ASSEMBLY, Tube 1" Supply 31 Yard	1
14	605907	ASSEMBLY, Tube 3/4" Tailgate Lift 25 Yard	1
	605910	ASSEMBLY, Tube 3/4" Tailgate Lift 31 Yard	1
15	102624	KIT, Tube Support 1"	3
16	100363	KIT, Tube Support 3/4"	3
17	100364	KIT, Tube Support 1 1/4"	3
18	605905	ASSEMBLY, Tube 1 1/4" Return 25 Yard	1
	605908	ASSEMBLY, Tube 1 1/4" Return 31 Yard	1
19	100365	NUT, Rail	AR
20	209656-09	CUSHION, 3/4" (Set of Two)	AR
	209656-10	CUSHION, 1" (Set of Two)	AR
	209656-11	CUSHION, 1 1/4" (Set of Two)	AR
21	107630-06	PLATE, Cover (For 3/4" and 1" Tube Supports)	AR
	107630-07	PLATE, Cover (For 1 1/4" Tube Support)	AR
22	F0500	CAPSCREW, 3/8" x 2 1/4" (For 3/4" and 1" Tube Supports)	AR
	F0555	CAPSCREW, 3/8" x 2 3/4" (For 1 1/4" Tube Support)	AR
23	606146	ASSEMBLY, Hose	1
	30045	TEE (Carrier Cylinder Head End Hydraulics)	1
	604663	REDUCER (To Connect Hose to 30045 Tee)	1
24	103561	UNION	1
25	606145	ASSEMBLY, Hose 25 Yard	1
	606149	ASSEMBLY, Hose 31 Yard	1
	17400	TIE, Cable	10

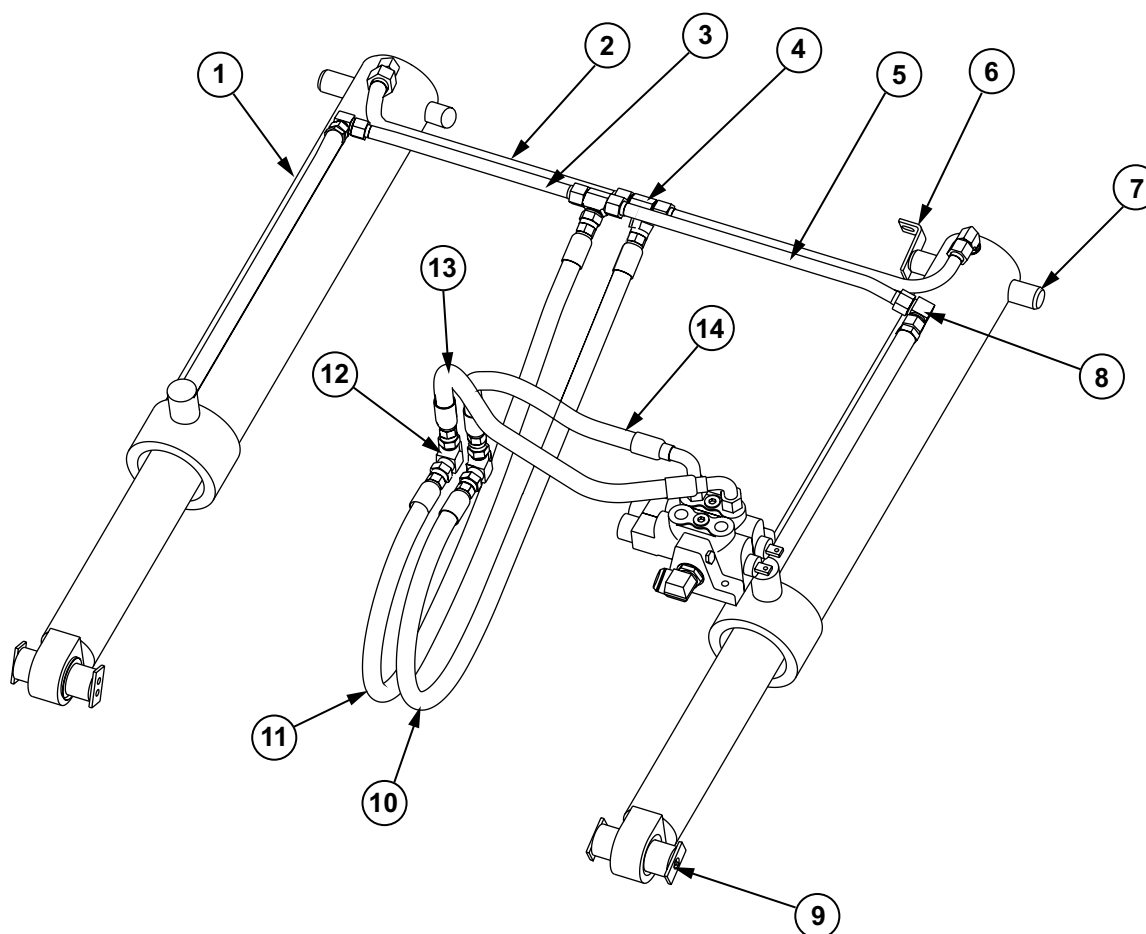
SECTION 4

CARRIER CYLINDER HYDRAULICS



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700081	ASSEMBLY, Cylinder (Before S/N 20458)	2
	717488	ASSEMBLY, Cylinder (After S/N 20457)	2
2	18008	ELBOW	1
3	700290	VALVE, Crossover Check	1
4	103621	CONNECTOR	1
5	700113	ASSEMBLY, Hose	1
6	700112	ASSEMBLY, Hose	1
7	18008	ELBOW	2
8	204946	PIN, Carrier Cylinder Case End	2
	200786	RETAINER, Pin	2
	204948	SPACER, Pin Retainer	2
	F1076	CAPSCREW, 1/2" x 2 3/4"	2
	F3350	NUT, 1/2"	2
	F7975	WASHER, Lock 1/2"	2
9	700115	TEE, Bulkhead	2
10	700114	ASSEMBLY, Hose	4

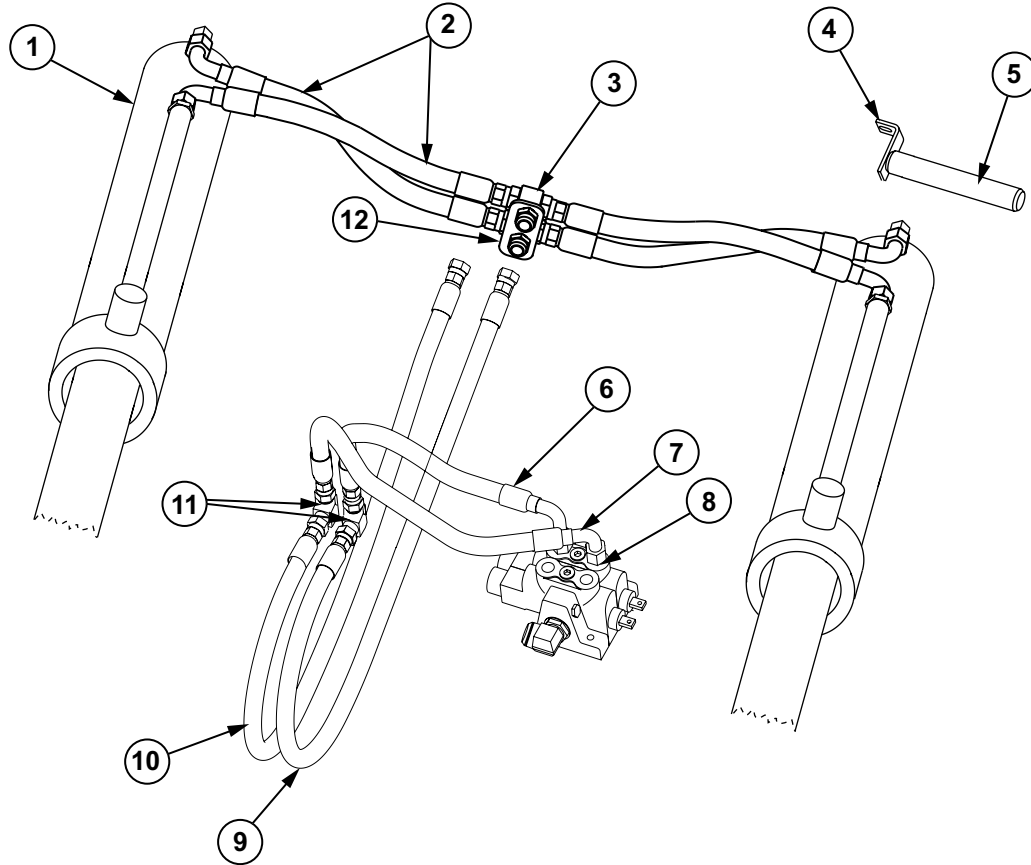
PACKER CYLINDER HYDRAULICS - Before S/N 16845



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700081	ASSEMBLY, Cylinder	2
2	N/A	ASSEMBLY, Tube (No Longer Available - Order 972003 Kit)	2
3	N/A	ASSEMBLY, Tube (No Longer Available - Order 972003 Kit)	1
4	33447	TEE	1
5	N/A	ASSEMBLY, Tube (No Longer Available - Order 972003 Kit)	1
6	35380	RETAINER, Pin	2
	F0960	CAPSCREW, 1/2" x 1 1/4"	2
	F7350	WASHER, Flat 1/2"	2
7	200787	PIN, Packer Cylinder Case End	2
8	18009	ELBOW	2
9	2R-1948	PIN, Packer Cylinder Rod End	2
	2R-1951	RETAINER, Pin	2
10	700111	ASSEMBLY, Hose	1
11	700110	ASSEMBLY, Hose	1
12	700116	ELBOW, Bulkhead	2
13	700114	ASSEMBLY, Hose	1
14	700108	ASSEMBLY, Hose	1

SECTION 4

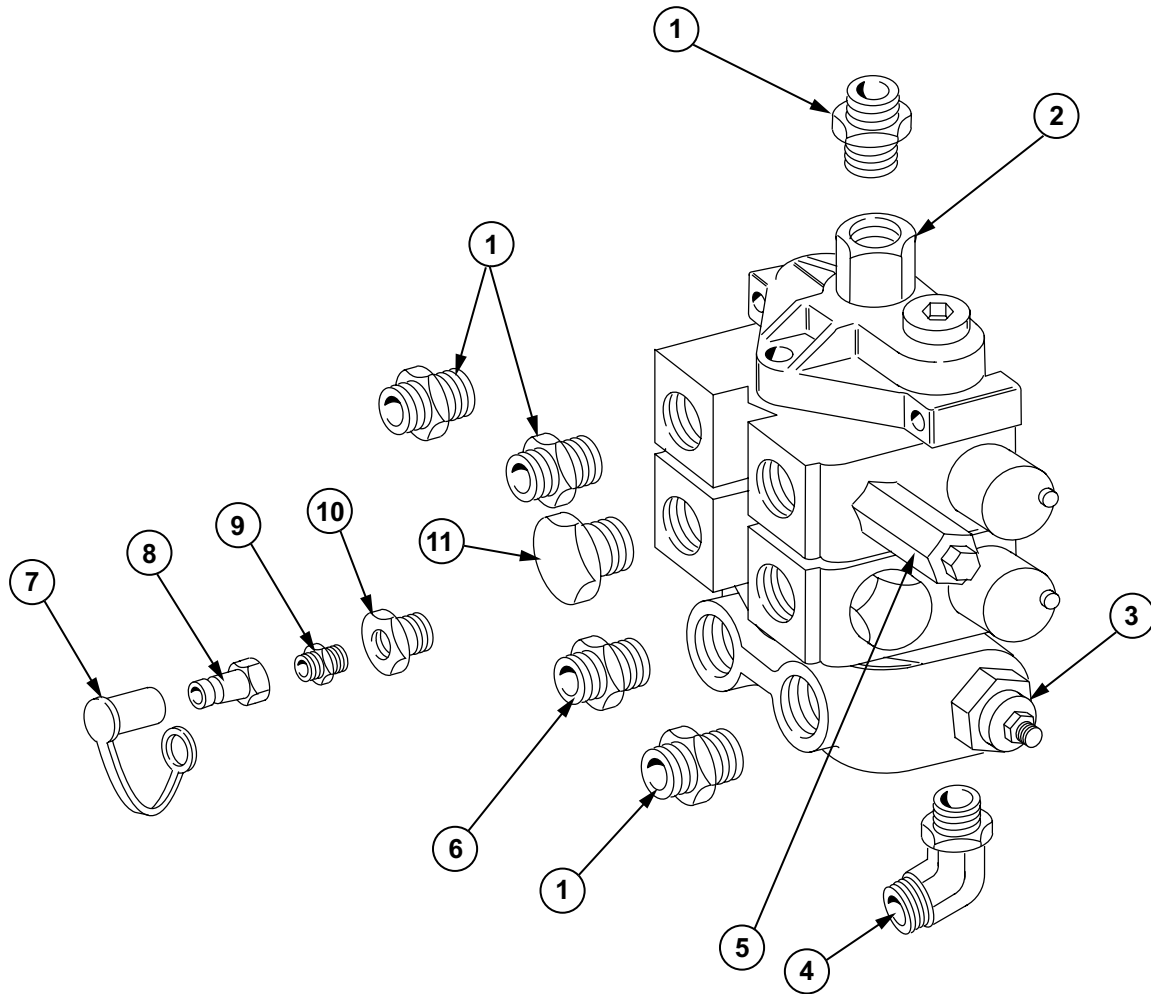
PACKER CYLINDER HYDRAULICS - After S/N 16844



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700081	ASSEMBLY, Cylinder (Before S/N 20458)	2
	717488	ASSEMBLY, Cylinder (After S/N 20457)	2
2	701886	ASSEMBLY, Hose	4
3	700115	TEE, Bulkhead	2
4	35380	RETAINER, Pin	2
	F0960	CAPSCREW, 1/2" x 1 1/4"	2
	F7350	WASHER, Flat 1/2"	2
5	200787	PIN, Packer Cylinder Case End	2
6	700108	ASSEMBLY, Hose	1
7	700114	ASSEMBLY, Hose	1
8	16115	CONNECTOR	2
9	700110	ASSEMBLY, Hose	1
10	700111	ASSEMBLY, Hose	1
11	700116	ELBOW, Bulkhead	2
12	701888	PLATE, Bulkhead Fittings	1
	972003	KIT, Packer Cylinder Hose (Includes Items 2, 3 and 12)	1

SECTION 5

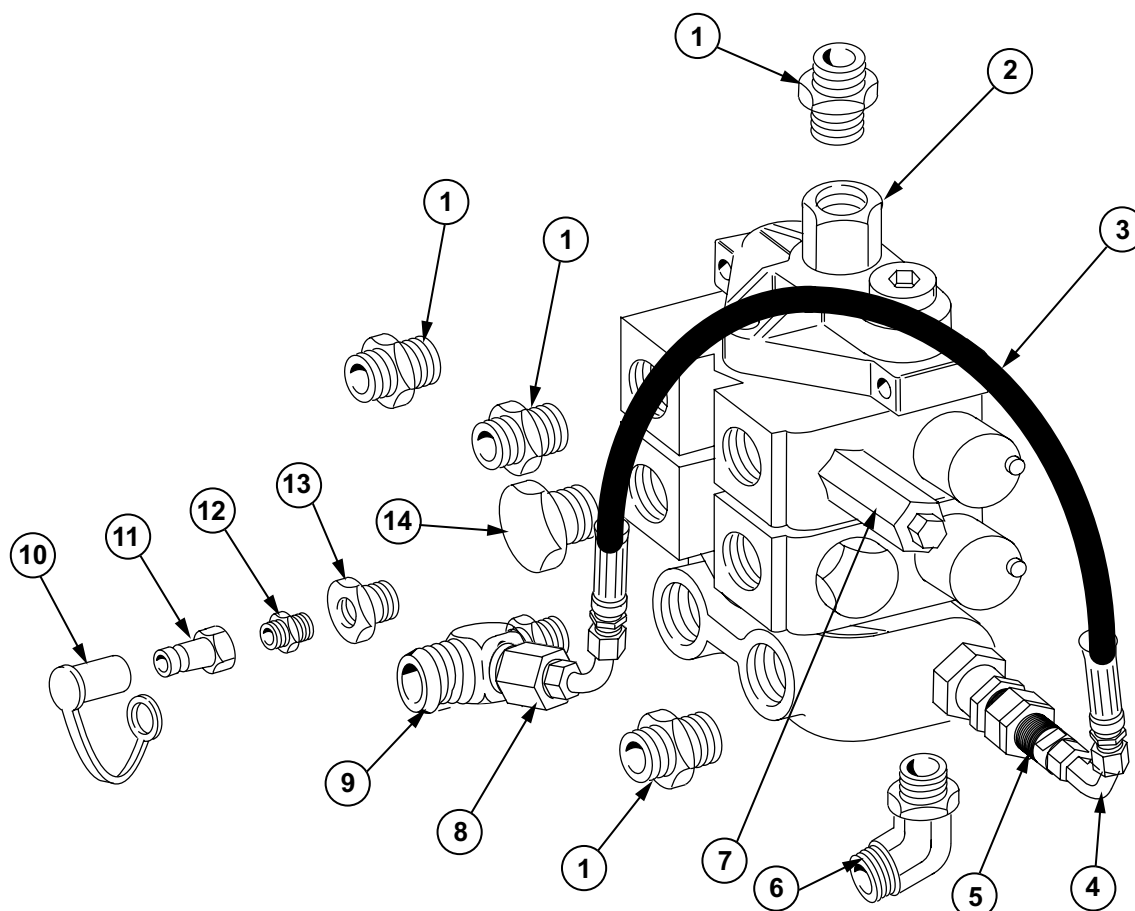
FRONT CONTROL VALVE (FCV) INSTALLATION Before S/N 16838



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	16117	FITTING	4
2	940007	SLEEVE, Power Beyond	1
3	940010	VALVE, Relief Single Stage	1
4	605558	ELBOW	1
5	108766	CARTRIDGE, Resistance	1
	950029	KIT, Seal For Resistance Cartridge	1
6	16214	FITTING	1
7	102823	CAP, Dust	1
8	100369	NIPPLE, Test	1
9	102126	NIPPLE, Pipe	1
10	16112	FITTING	1
11	NSS	PLUG, #12 O-Ring	1
	209752-07	ASSEMBLY, Control Valve	1

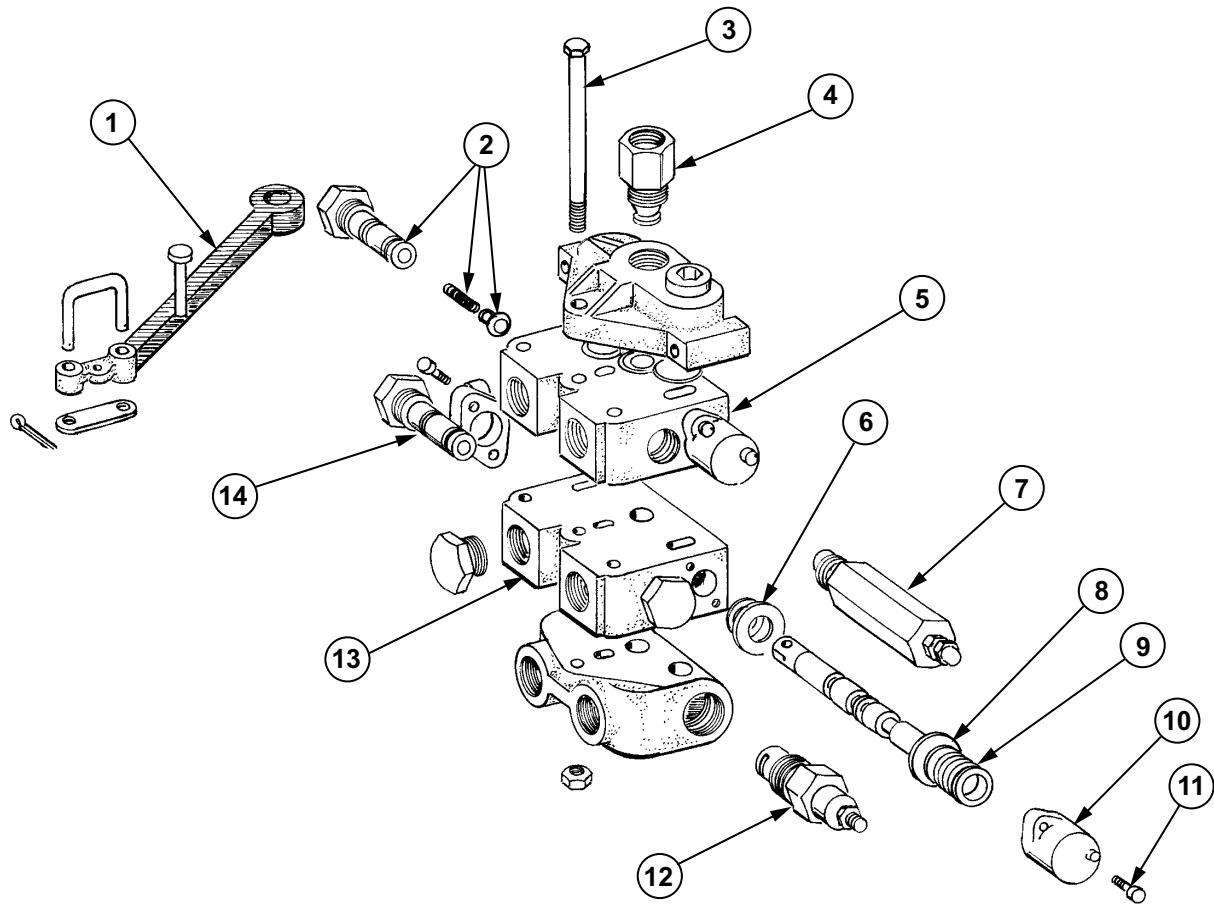
FRONT CONTROL VALVE (FVC) INSTALLATION

After S/N 16837



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	16117	FITTING	4
2	940007	SLEEVE, Power Beyond	1
3	210859	ASSEMBLY, Hose	1
4	38702	ELBOW	1
5	605641	VALVE, Relief Dual Stage	1
6	605558	ELBOW	1
7	108766	CARTRIDGE, Resistance	1
	950029	KIT, Seal For Resistance Cartridge	1
8	104458	REDUCER	1
	SR-7726-1	NUT, Tube	1
9	108792	TEE	1
10	102823	CAP, Dust	1
11	100369	NIPPLE, Test	1
12	102126	NIPPLE, Pipe	1
13	16112	FITTING	1
14	NSS	PLUG, #12 O-Ring	1
	209752-13	ASSEMBLY, Control Valve	1

FRONT CONTROL VALVE

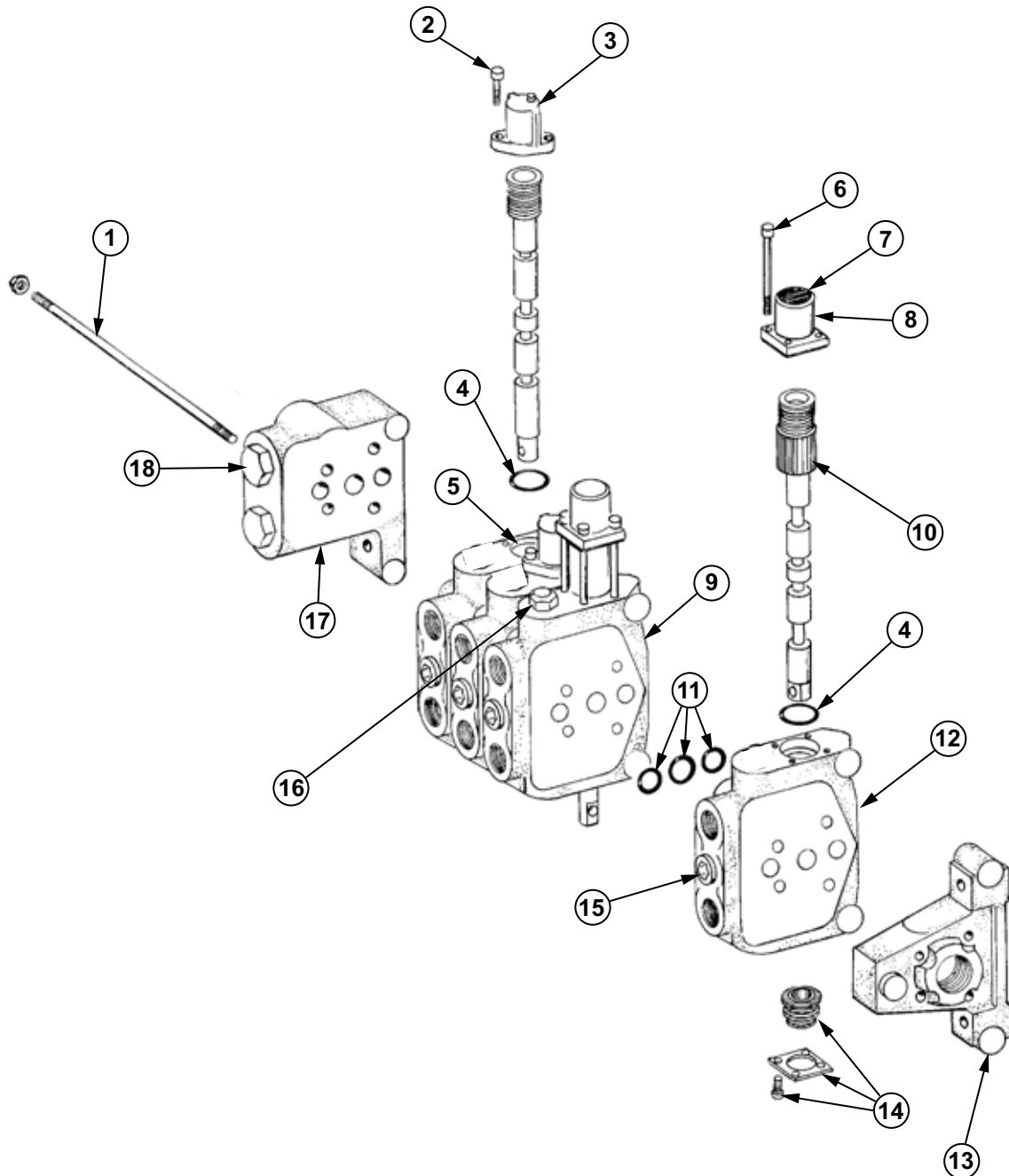


FRONT CONTROL VALVE

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	108295	KIT, Handle	2
2	940042	KIT, Load Check	1
	950039	KIT, Seal for Load Check	1
3	940011	KIT, Stud	1
4	940007	SLEEVE, Power Beyond	1
5	940014	SECTION, Valve Push Out	1
6	950006	KIT, Spool Seal	2
7	108766	CARTRIDGE, Resistance	1
	950029	KIT, Seal for Resistance Cartridge	1
8	940044	SPRING	2
9	940053	COLLAR, Spring	2
10	940043	BONNET	2
11	940047	SCREW	4
12	940010	VALVE, Relief Single Stage	1
	605641	VALVE, Relief Dual Stage	1
13	940012	SECTION, Tailgate Lift	1
14	940045	PLUG	2
	950039	KIT, Seal For Plug	2
	950025	KIT, Seal Complete Front Control Valve	1
	209752-07	ASSEMBLY, Front Control Valve (Before S/N 16838 With Single Stage Relief)	1
	209752-13	ASSEMBLY, Front Control Valve (After S/N 16837 With Dual Stage Relief)	1
	209752-02	ASSEMBLY, Front Control Valve (Units With Horizontal Pushout Cylinder)	1
	209752-14	ASSEMBLY, Front Control Valve (Units With Auto Tailgate Latch)	1

SECTION 5

MAIN CONTROL VALVE (MCV)

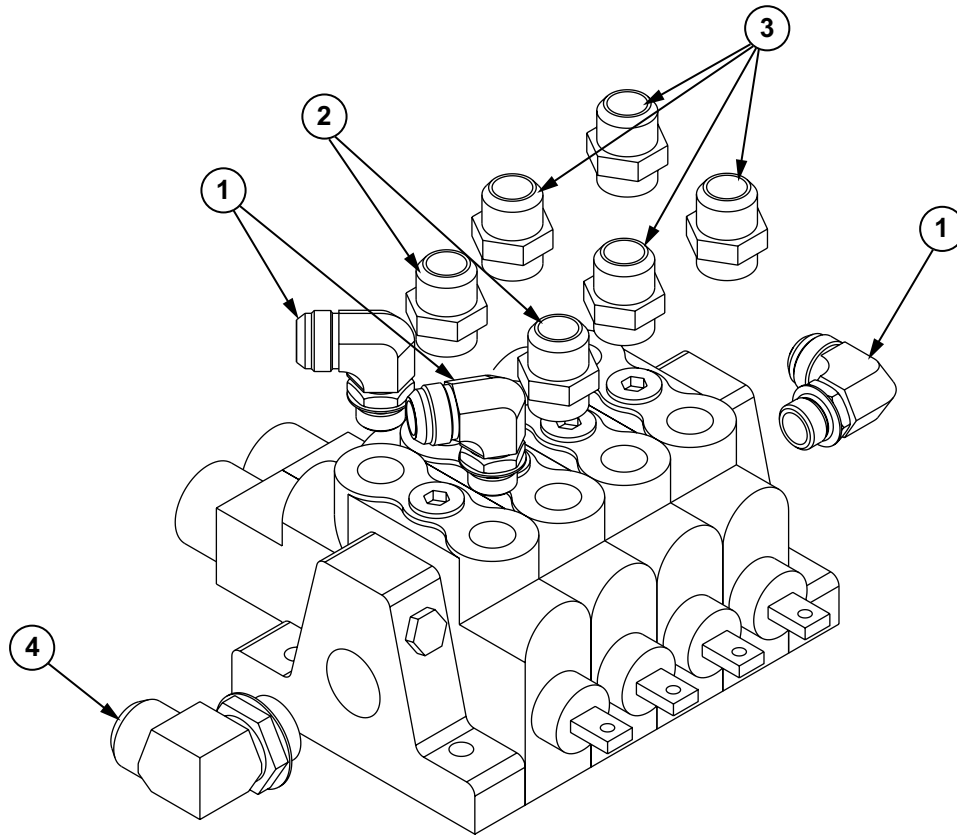


MAIN CONTROL VALVE (MCV)

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	601714	KIT, Tie Bolt 2 Section Valve	1
	605878	KIT, Tie Bolt 3 Section Valve	1
	605877	KIT, Tie Bolt 4 Section Valve	1
2	940047	SCREW (Accessory Section)	4
3	940035	BONNET (Accessory Section)	1
	601620	KIT, Spool Positioner	1
4	601621	KIT, Spool Seal (Accessory Section)	1
	601625	KIT, Spool Seal (Packer and Carrier Sections)	2
5	601643	SECTION, Valve (Accessory)	1
	601627	KIT, Section Seal (Accessory)	1
6	940090	SCREW	8
7	106491	PLUG, Knock Out Adjustment Hole	2
8	601623	KNOCKOUT POSITIONER	2
	601624	KIT, Seal (Knock Out Positioner)	2
9	601645	SECTION, Valve (Packer)	1
	601626	KIT, Section Seal (Packer and Carrier)	1
	601591	KIT, Spool (Includes KO Positioner and Seals)	1
10	102997	KIT, Detent Springs (Includes Steel Balls)	2
11	601736	KIT, Seal Between Sections	AR
12	601642	SECTION, Valve (Carrier)	1
	601626	KIT, Section Seal (Packer and Carrier)	1
	703345	KIT, Spool (Includes KO Positioner and Seals)	1
13	605265	COVER, Outlet	1
14	601622	KIT, Boot	3
15	940040	KIT, Load Check	3
16	601249	VALVE, Relief 3000 PSI	1
	940065	KIT, Seal For 601249 Relief Valve	1
17	605266	COVER, Inlet	1
18	17664	PLUG, SAE 20	1
	700097	ASSEMBLY, Main Control Valve 2 Section	1
	700098	ASSEMBLY, Main Control Valve 3 Section	1
	700080	ASSEMBLY, Main Control Valve 4 Section	1

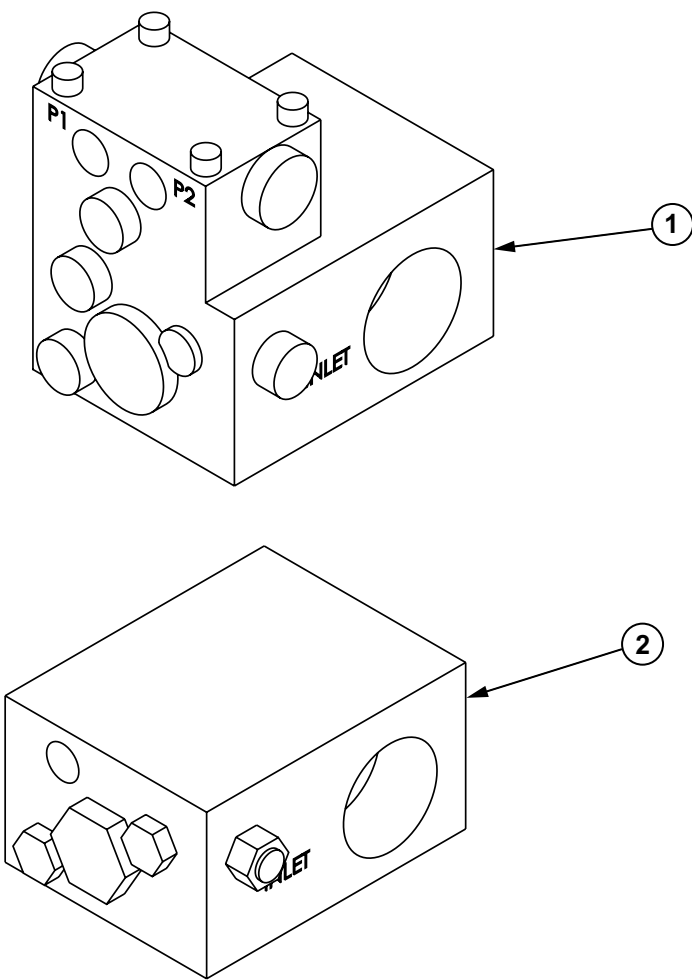
SECTION 5

MAIN CONTROL VALVE (MCV) INSTALLATION



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	18008	ELBOW	3
2	16115	CONNECTOR	2
3	18258	CONNECTOR	4
4	210828	ELBOW	1
	700097	ASSEMBLY, Main Control Valve 2 Section	1
	700098	ASSEMBLY, Main Control Valve 3 Section	1
	700080	ASSEMBLY, Main Control Valve 4 Section	1

VALVE - TIPPER DIVERTOR

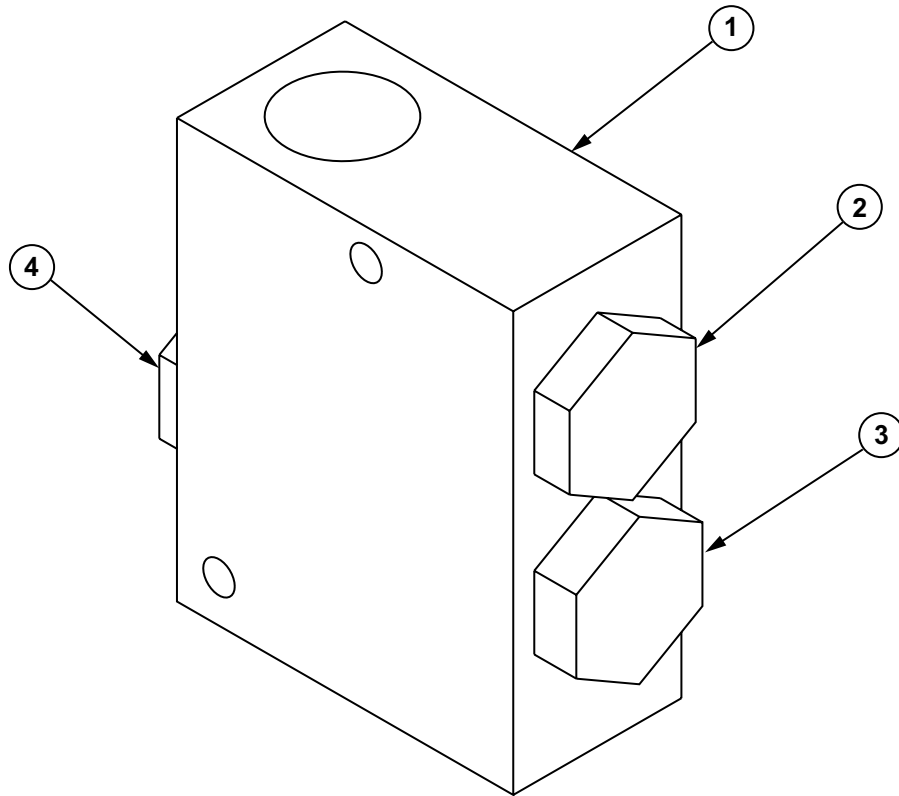


VALVE COMPONENTS NOT SOLD SEPARATE

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	603362	VALVE, Divertor Dual Tippers	1
2	603360	VALVE, Divertor Single Tippers	1

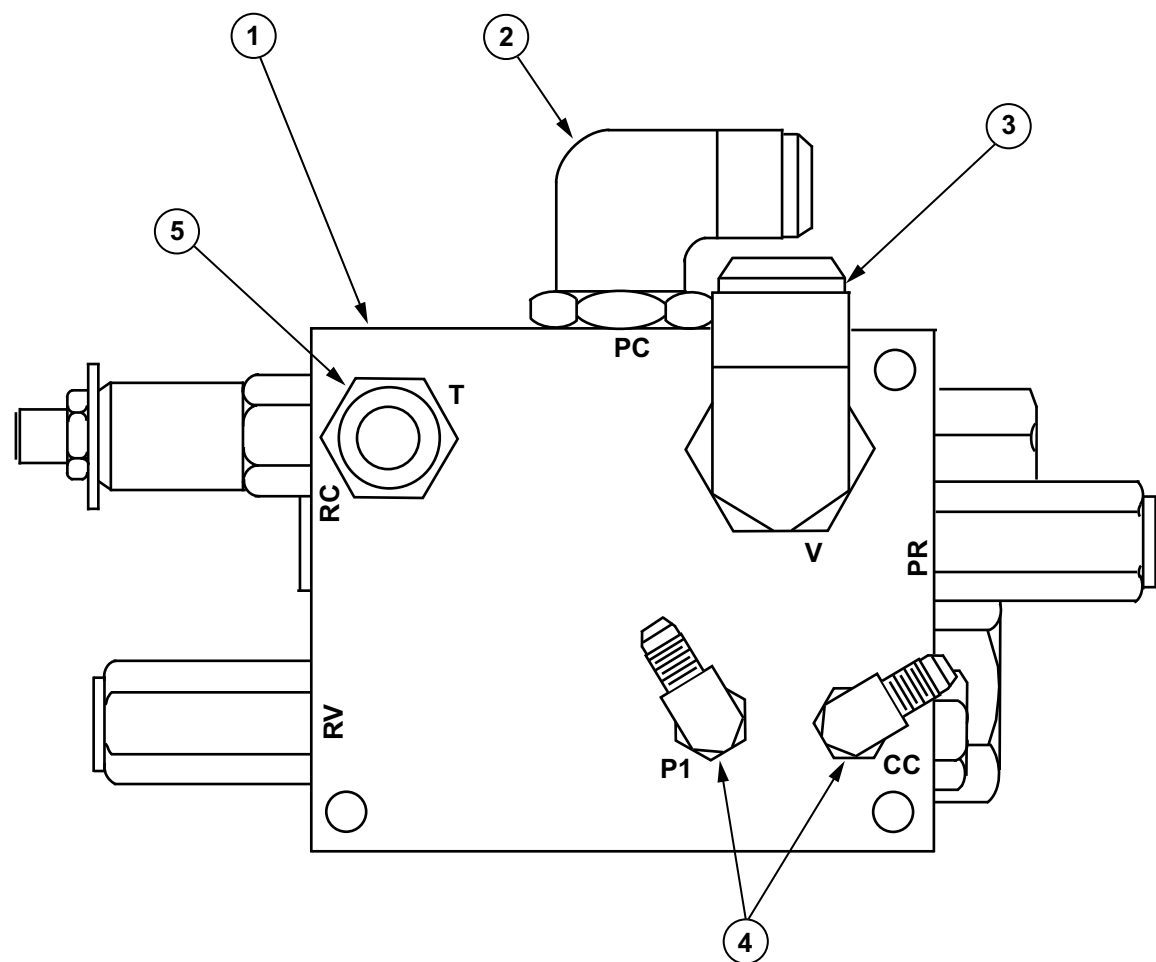
SECTION 5

CROSSOVER CHECK VALVE - 700290



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700290	VALVE, Crossover Check	1
2	606086	CARTRIDGE, Check 5 PSI	1
3	NSS	PLUG, SAE 16	1
4	606087	CARTRIDGE, Check 60 PSI	1

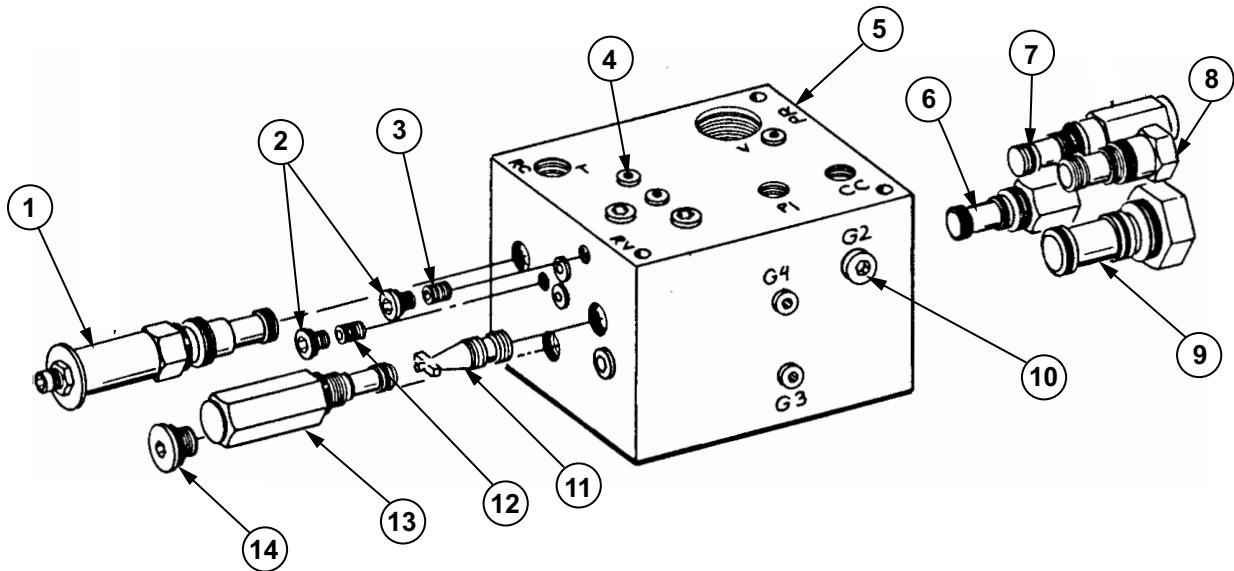
PRESSURE REDUCING VALVE INSTALLATION



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	104768	VALVE, Force Limiting	1
2	100185	ELBOW (PC Port)	1
3	18008	ELBOW (V Port)	1
4	100105	ELBOW (CC and P1 Ports)	2
5	100284	CONNECTOR (T Port)	1

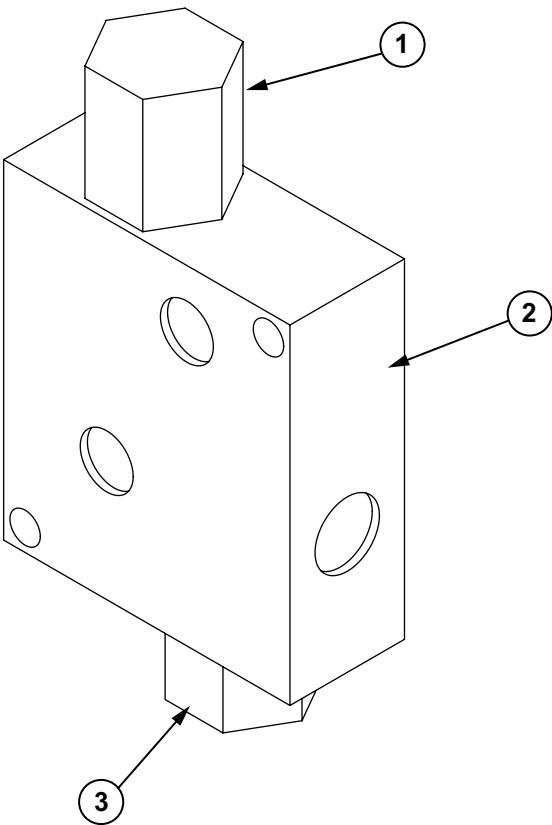
SECTION 5

PRESSURE REDUCING VALVE - 104768



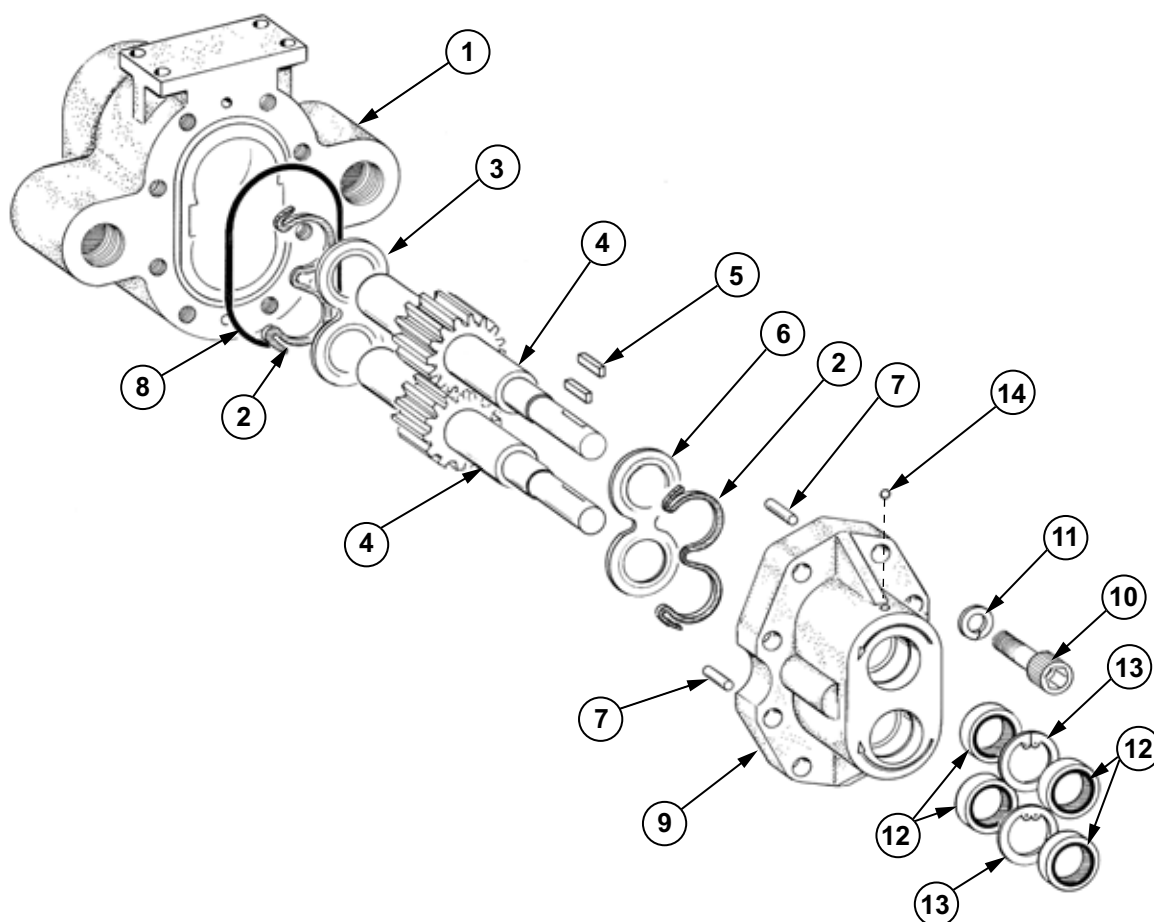
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	103856	CARTRIDGE, Resistance	1
2	N/A	PLUG, #4 SAE	9
3	N/A	ORIFICE, .030"	1
4	N/A	PLUG, #2 SAE	13
5	N/A	BLOCK, Valve NSS	1
6	103858	CARTRIDGE, Pressure Differential	1
7	104866	CARTRIDGE, Relief	1
8	103860	CARTRIDGE, P.O. Check	1
9	103861	CARTRIDGE, Check	1
10	104869	PLUG, #6 SAE	3
11	N/A	PISTON	1
12	104865	ORIFICE, .094"	1
13	104864	CARTRIDGE, Relief	1
14	N/A	PLUG, #10 SAE	1
	104768	ASSEMBLY, Valve Force Limiting	1

CONTAINER LIFT CYLINDER FLOW VALVE - 306073



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	602895	CARTRIDGE, Flow Control Extend	1
2	NSS	BODY, Valve	1
3	940112	CARTRIDGE, Flow Control Retract	1
	306073	ASSEMBLY, Valve With Cartridges	1

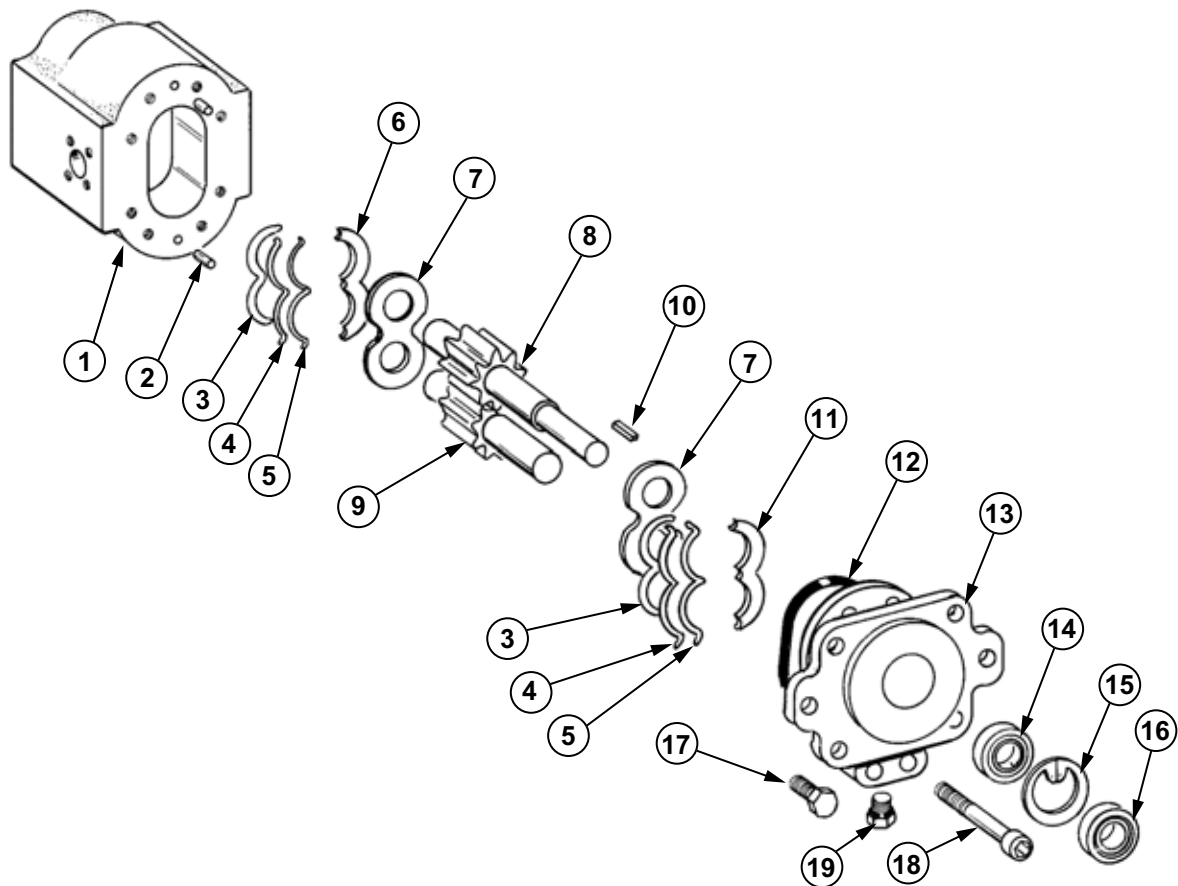
LEACH PUMP 307451-01 Before S/N 20692



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	N/A	HOUSING, Rear	1
2	108988	BALANCE, Pressure	2
3	108986	PLATE, Pressure	1
4	108984	GEAR	2
5	601633	KEY	2
6	108987	PLATE, Pressure	1
7	108989	DOWEL	2
8	108993	O-RING	1
9	108983	HOUSING, Front	1
10	108992	CAPSCREW	8
11	108991	WASHER	8
12	108990	SEAL	4
13	108996	RING, Snap	2
14	108995	BALL, Steel	1
	307451-01	ASSEMBLY, Pump	1
	900033	KIT, Repair (Includes Items 2, 8, 12 and 13)	1

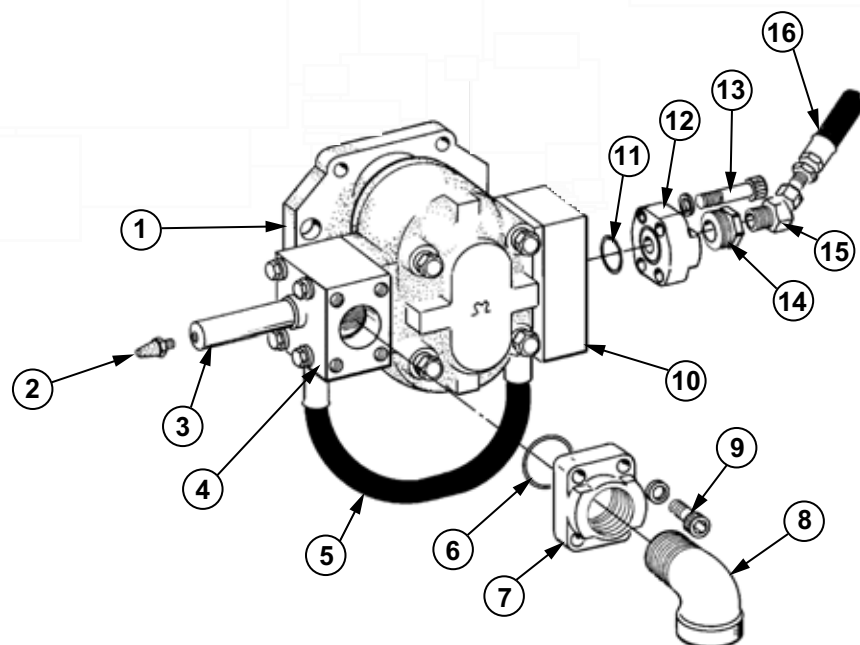
SECTION 6

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	FLANGE, Seal	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
19	104250	PLUG	1
	204071	PUMP, Front Mounted Complete	1

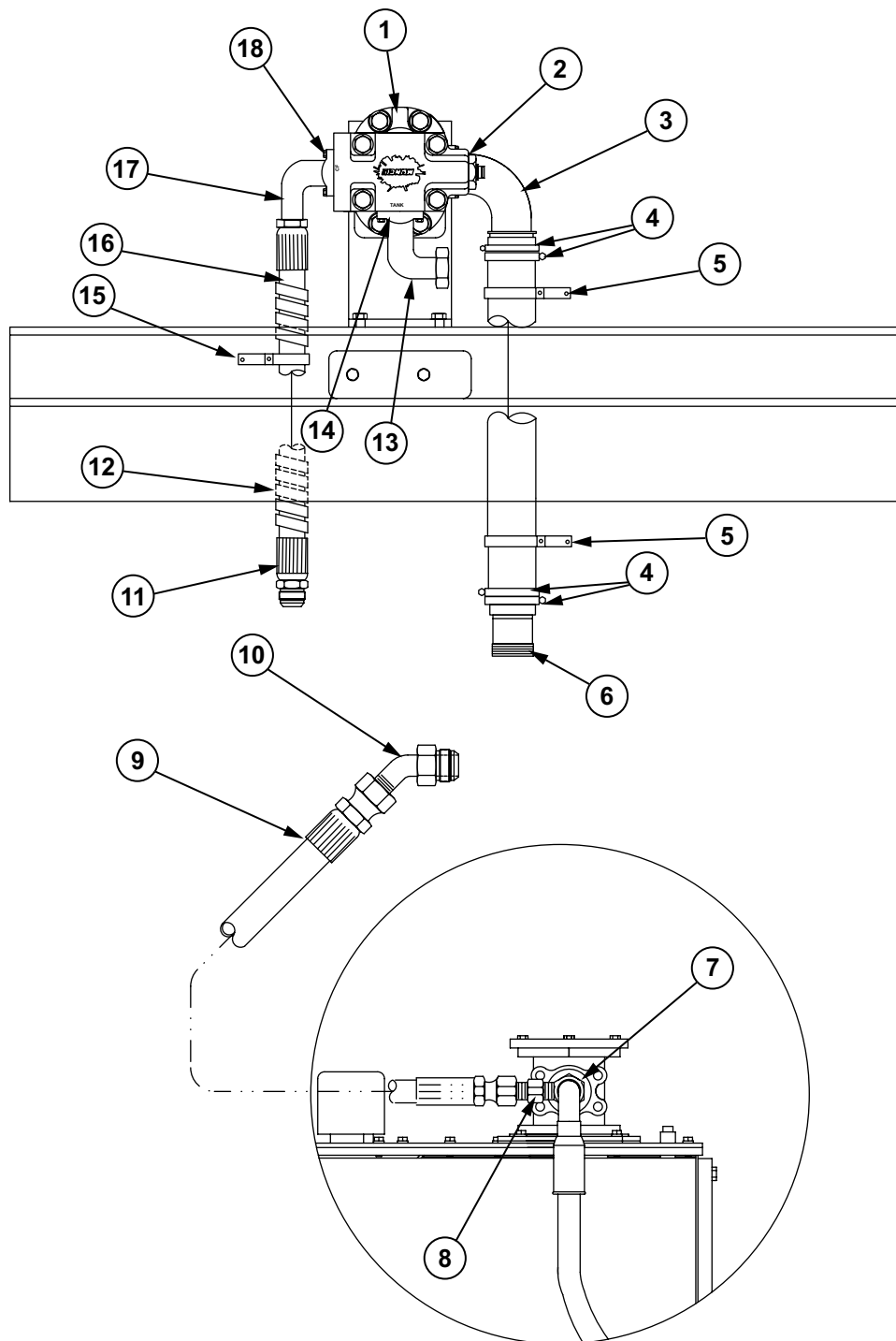
FRONT PUMP (MUNCIE) DRY VALVE PUMP - TYPICAL



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	103075	PUMP, Muncie Counter Clockwise	1
2	39996	MUFFLER	1
3	103076	CYLINDER, Air	1
4	103077	VALVE, Dry	1
5	41058	KIT, Dry Valve (Includes Items 4-5)	1
6	39614	O-RING	1
7	37193	ADAPTER, 2"	1
8	J0031	ELBOW, 2"	1
9	F1035	SCREW, Cap 1/2" x 2"	4
	F8000	WASHER, Lock 1/2"	4
10	103078	VALVE, Flow Regulator	1
11	16927	O-RING	1
12	37192	ADAPTER, 1 1/4"	1
13	F5975	SCREW, Cap Socket Head 7/16" x 4"	4
14	15697	CONNECTOR	1
15	17407	FITTING, Swivel	1
16	P-20-257	HOSE	1
	104588	ASSEMBLY, Pump (Includes Items 1 - 6)	1

SECTION 6

FRONT PUMP (MUNCIE LIVE-PAK) Typical

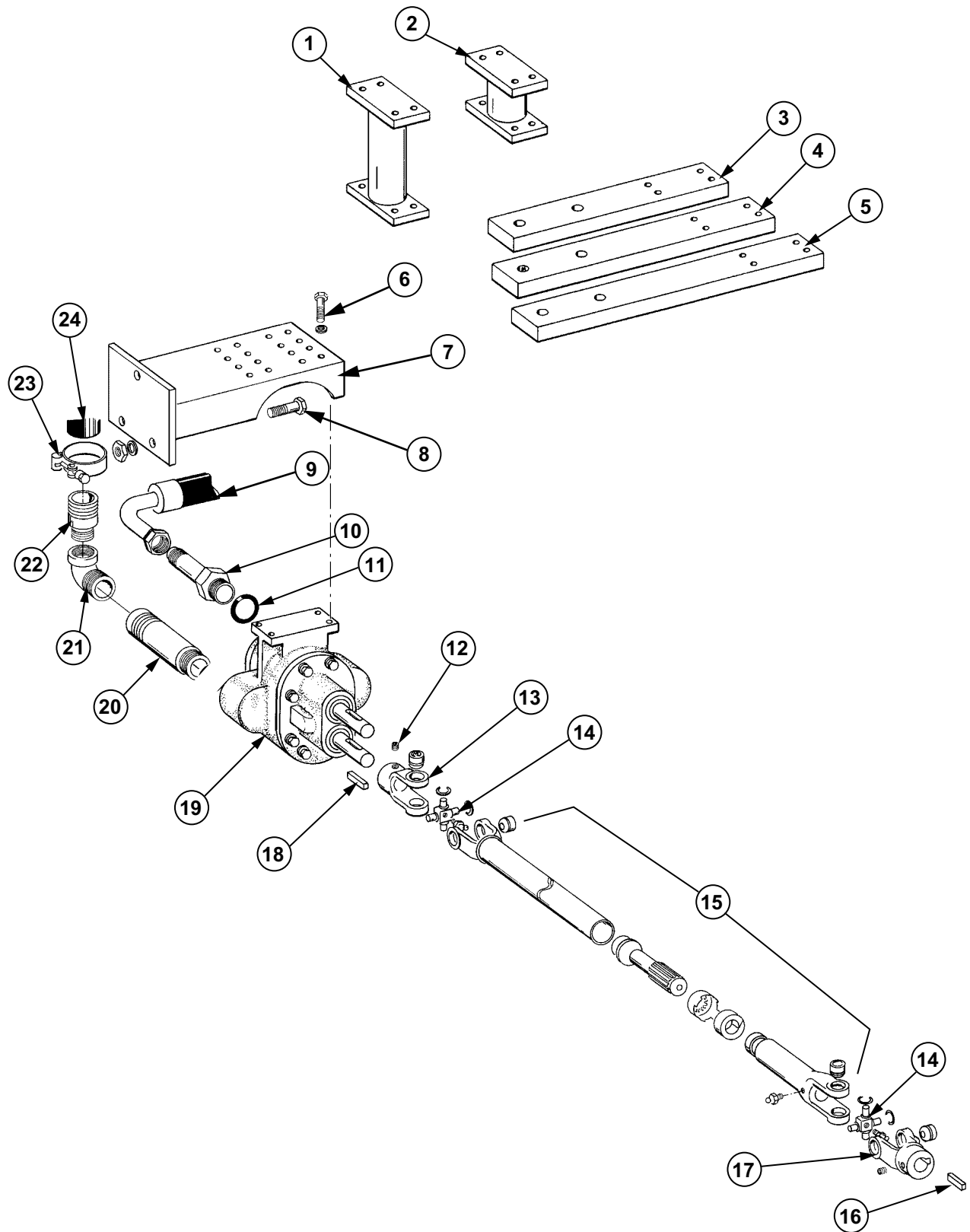


FRONT PUMP (MUNCIE LIVE-PAK) Typical

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	602242	PUMP, Muncie Live-Pak	1
	930001	VALVE, Pump Shut Off (Includes Solenoid)	1
	930002	SOLENOID, For Pump Shut Off Valve	1
2	101240	KIT, Flange	1
3	108917	ELBOW	1
4	104526	CLAMP, T-Bolt	4
5	303893	SUPPORT, Hose	4
	F4350	SCREW, Machine 1/4" x 2 3/4"	4
	F7100	WASHER, Flat 1/4"	4
	F7750	WASHER, Lock 1/4"	4
	F4375	CAPSCREW, Square Head 5/16" x 2"	4
	F7775	WASHER, Lock 5/16"	4
	F7200	WASHER, Flat 5/16"	4
	F2850	NUT, 5/16"	4
6	205367	ADAPTER	1
7	17665	TEE	1
8	108795	REDUCER	1
9	108794	ASSEMBLY, Hose	1
10	109057	ELBOW	1
11	109194	COUPLING, Hose	1
12	17627	GUARD, Hose	2
13	108916	ELBOW	1
14	101239	KIT, Flange	1
15	203967	CLAMP, Hose	2
	F4350	SCREW, Machine 1/4" x 2 3/4"	2
	F7745	WASHER, Lock External Tooth	2
	F2725	NUT, 1/4"	2
	F0325	CAPSCREW, 3/8" x 1 1/4"	2
	F7875	WASHER, Lock 3/8"	2
	F2975	NUT, 3/8"	2
16	109191	HOSE, Hydraulic	AR
17	109192	COUPLING, Hose Elbow	1
18	101239	KIT, Flange	1
		NOTE: Items 11, 16 and 17 are not assembled. When replacement hose is needed, verify length before ordering. Contact Leach Customer Service Department to have hose assembled.	
		NOT SHOWN:	
	305879	BRACKET, Pump Mack LE	1
	601907	BRACKET, Pump Mack MR	1
	300109	ASSEMBLY, Driveshaft	1

SECTION 6

LEACH PTO PUMP MOUNTING Before S/N 20692

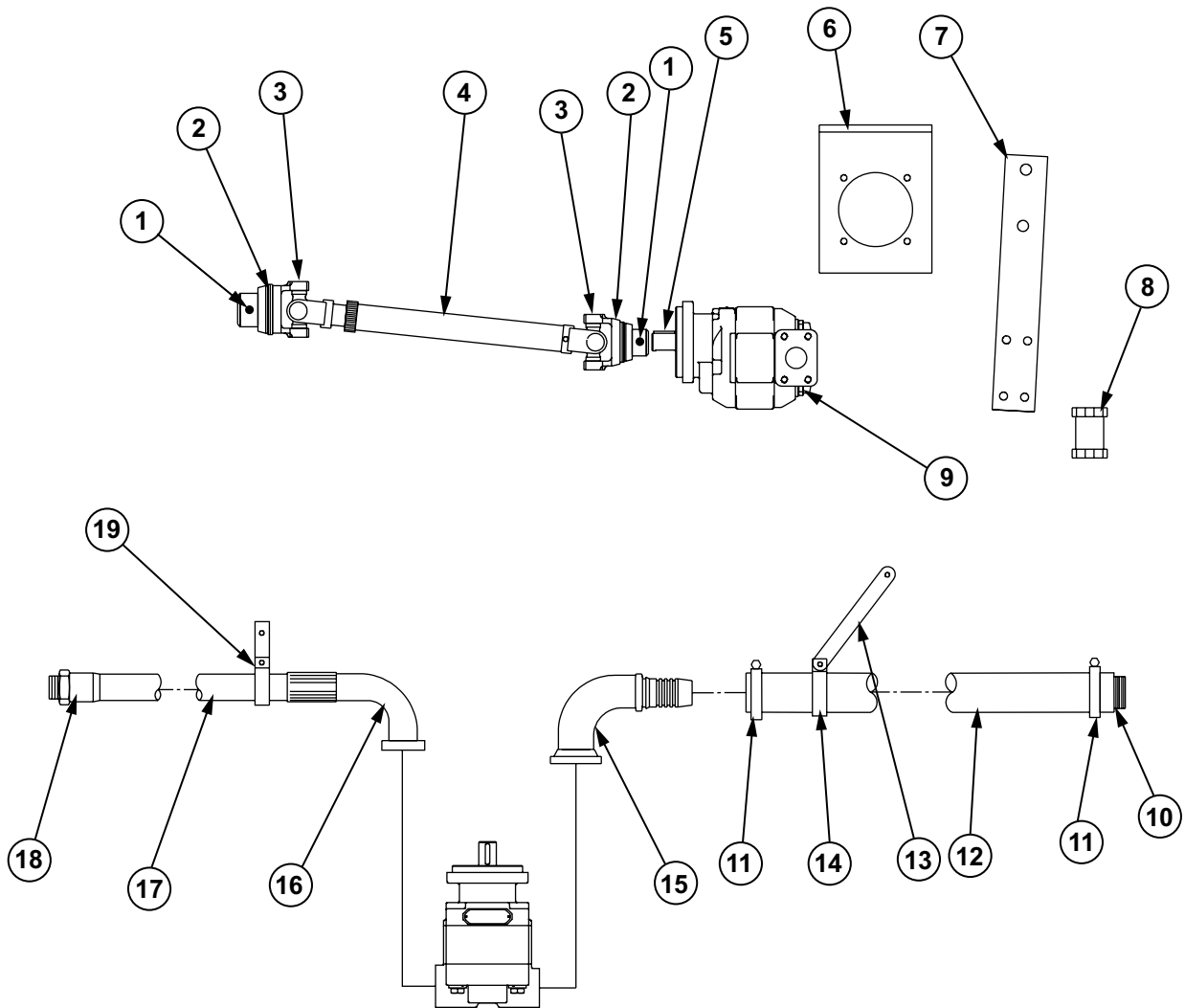


LEACH PTO PUMP MOUNTING Before S/N 20692

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	SK-2081	BRACKET, Pump	1
2	P-16-1147	BRACKET, Pump	1
3	P-16-470-1	BRACKET, Pump 15"	1
4	41284	BRACKET, Pump 18"	1
5	P-16-470-2	BRACKET, Pump 20"	1
6	F0979	CAPSCREW, 1/2" x 1 1/2"	4
	F7975	WASHER, Lock 1/2"	4
7	302651	BRACKET, Pump	1
8	F1500	CAPSCREW, 5/8" x 2 3/4"	3
	F8050	WASHER, Lock 5/8"	3
	F3475	NUT, Lock 5/8"	3
9	100377	ASSEMBLY, Hose 62" Long (Contact Leach Customer Service Department if a different length hose is needed)	1
10	100404	ADAPTER	1
11	16101	O-RING	1
12	F4725	SCREW, Set 3/8" x 3/8"	2
13	100879	YOKE (For P-16-798 Standard Driveshaft)	1
	100002	YOKE (For 101117 Heavy Duty Driveshaft)	1
	100004	YOKE (For 36698 Mack PTO Flange Driveshaft)	1
14	100878	KIT, Journal and Bearing	2
15	N/A	SHAFT, Unwelded (For P-16-798 Standard Driveshaft)	1
		(Order 101117 Heavy Duty Driveshaft Assembly)	
	N/A	SHAFT (For 101117 Heavy Duty and 36698 Mack PTO Flange Driveshafts)	1
		(Order 101117 or 36698 Driveshaft Assembly)	
16	J0139	KEY, 5/16"	1
17	100902	YOKE (For P-16-798 Standard Driveshaft)	1
	36718	YOKE (For 101117 Heavy Duty and 36698 Mack PTO Flange Driveshafts)	1
18	1218	KEY	1
19	307451-01	PUMP	1
20	P-16-1114	ADAPTER	1
21	J0018	ELBOW	1
22	PO-591	ADAPTER	1
23	16249	CLAMP	1
24	J0132	HOSE, Suction 2"	AR
	101117	ASSEMBLY, Driveshaft Heavy Duty (Includes Items 13, 14, 15 and 17)	1
	36698	ASSEMBLY, Driveshaft Mack PTO Flange (Includes Items 13, 14, 15 and 17)	1
	204668	ASSEMBLY, Driveshaft Short Coupled	1

SECTION 6

REMOTE PUMP INSTALLATION - 705757 CLOCKWISE ROTATION



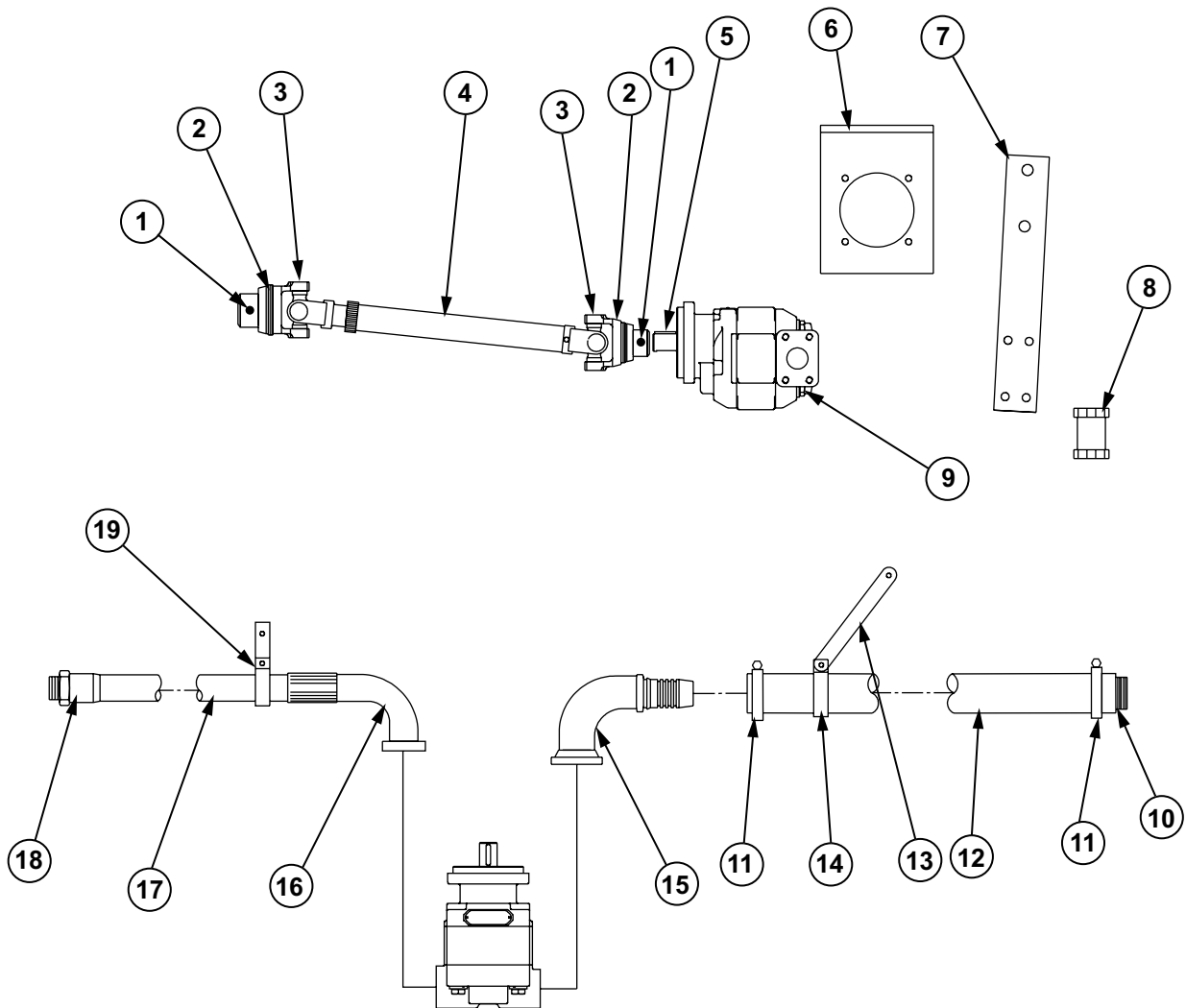
REMOTE PUMP INSTALLATION - 705757

CLOCKWISE ROTATION

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	F4730	SET SCREW, 3/8" x 3/8"	2
2	100002	YOKE	2
3	100878	KIT, Journal and Bearing	2
4	36717	SHAFT, Unwelded (Does Not Include Item 2)	1
	106457	ASSEMBLY, Driveshaft Heavy Duty Unwelded (Includes Items 2, 3 and 4)	1
5	J0139	KEY	2
6	18400	BRACKET, Pump Foot Mount	1
	F1037	CAPSCREW, 1/2" x 2"	4
	F3350	NUT, 1/2"	4
	F7975	WASHER, Lock 1/2"	4
7	P-16-470-1	BRACKET, Mounting 15"	1
	F1037	CAPSCREW, 1/2" x 2"	4
	F3350	NUT, 1/2"	4
	F7975	WASHER, Lock 1/2"	4
8	P-16-1147	WELDMENT, Pump Bracket	1
9	705911	PUMP, Clockwise Rotation	1
10	SR-8580	ADAPTER, Suction Hose	1
11	17913	CLAMP, Hose	2
12	J0132	HOSE, Suction 2" ID	AR
13	209230	BRACKET	2
	F4375	CAPSCREW, 5/16" x 2" Square Head	2
	F2850	NUT, 5/16"	2
	F7200	WASHER, Flat 5/16"	2
	F7775	WASHER, Lock 5/16"	2
14	302635	CLAMP	2
	F4350	SCREW, Machine 1/4" x 2 3/4"	2
	F2740	NUT, 1/4"	2
	F7100	WASHER, Flat 1/4"	2
	F7750	WASHER, Lock 1/4"	2
15	101242	ELBOW, 2" Hose 2" Flange	1
	101240	KIT, Flange	1
16	705752	ELBOW, 1 1/2" Flange	1
	106350	KIT, Flange	1
17	109191	HOSE, 1"	AR
	17627	GUARD, Hose	AR
18	109194	COUPLER, Hose JIC	1
		NOTE: Items 15 through 18 are NOT assembled. Before ordering pressure hose, VERIFY LENGTH and contact Leach Customer Service Department to have hose assembled.	
19	TW-1116-2	SUPPORT, Hose	1
	F4375	CAPSCREW, 5/16" x 2" Square Head	1
	F2850	NUT, 5/16"	1
	F7200	WASHER, Flat 5/16"	1
	F7775	WASHER, Lock 5/16"	1
	F4350	SCREW, Machine 1/4" x 2 3/4"	1
	F2740	NUT, 1/4"	1
	F7100	WASHER, Flat 1/4"	1
	F7750	WASHER, Lock 1/4"	1

SECTION 6

REMOTE PUMP INSTALLATION - 705973 COUNTER CLOCKWISE ROTATION



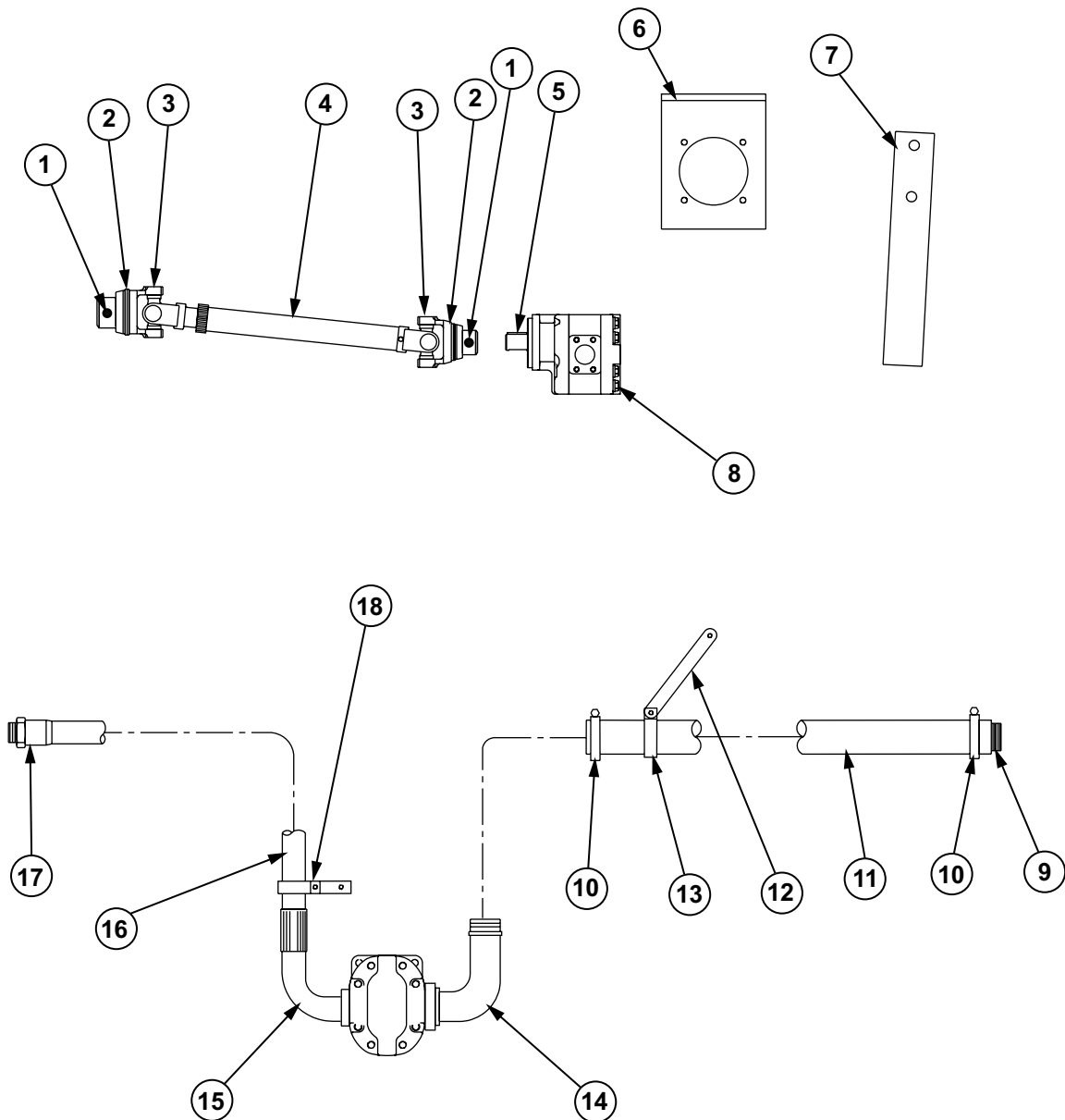
REMOTE PUMP INSTALLATION - 705973

COUNTER CLOCKWISE ROTATION

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	F4730	SCREW, Set 3/8" x 3/8"	2
2	100002	YOKE	2
3	100878	KIT, Journal and Bearing	2
4	36717	SHAFT, Unwelded (Does Not Include Item 2)	1
	106457	ASSEMBLY, Driveshaft Heavy Duty Unwelded (Includes Items 2, 3 and 4)	1
5	J0139	KEY	2
6	18400	BRACKET, Pump Foot Mount	1
	F1037	CAPSCREW, 1/2" x 2"	4
	F3350	NUT, 1/2"	4
	F7975	WASHER, Lock 1/2"	4
7	P-16-470-2	BRACKET, Mounting	1
	F1037	CAPSCREW, 1/2" x 2"	4
	F3350	NUT, 1/2"	4
	F7975	WASHER, Lock 1/2"	4
8	P-16-1147	WELDMENT, Pump Bracket	1
9	705754	PUMP, Counter Clockwise Rotation	1
10	SR-8580	ADAPTER, Suction Hose	1
11	17913	CLAMP, Hose	2
12	J0132	HOSE, Suction 2" ID	AR
13	209230	BRACKET	2
	F4375	CAPSCREW, 5/16" x 2" Square Head	2
	F2850	NUT, 5/16"	2
	F7200	WASHER, Flat 5/16"	2
	F7775	WASHER, Lock 5/16"	2
14	302635	CLAMP	2
	F4350	SCREW, Machine 1/4" x 2 3/4"	2
	F2740	NUT, 1/4"	2
	F7100	WASHER, Flat 1/4"	2
	F7750	WASHER, Lock 1/4"	2
15	101242	ELBOW, 2" Hose 2" Flange	1
	101240	KIT, Flange	1
16	705752	ELBOW, 1 1/2" Flange	1
	106350	KIT, Flange	1
17	109191	HOSE, 1"	AR
	17627	GUARD, Hose	AR
18	109194	COUPLER, Hose JIC	1
		NOTE: Items 15 through 18 are NOT assembled. Before ordering pressure hose, verify length and contact Leach Customer Service Department to have hose assembled	
19	TW-1116-2	SUPPORT, Hose	1
	F4375	CAPSCREW, 5/16" x 2" Square Head	1
	F2850	NUT, 5/16"	1
	F7200	WASHER, Flat 5/16"	1
	F7775	WASHER, Lock 5/16"	1
	F4350	SCREW, Machine 1/4" x 2 3/4"	1
	F2740	NUT, 1/4"	1
	F7100	WASHER, Flat 1/4"	1
	F7750	WASHER, Lock 1/4"	1

SECTION 6

REMOTE PUMP INSTALLATION 406563-10 COUNTER CLOCKWISE ROTATION



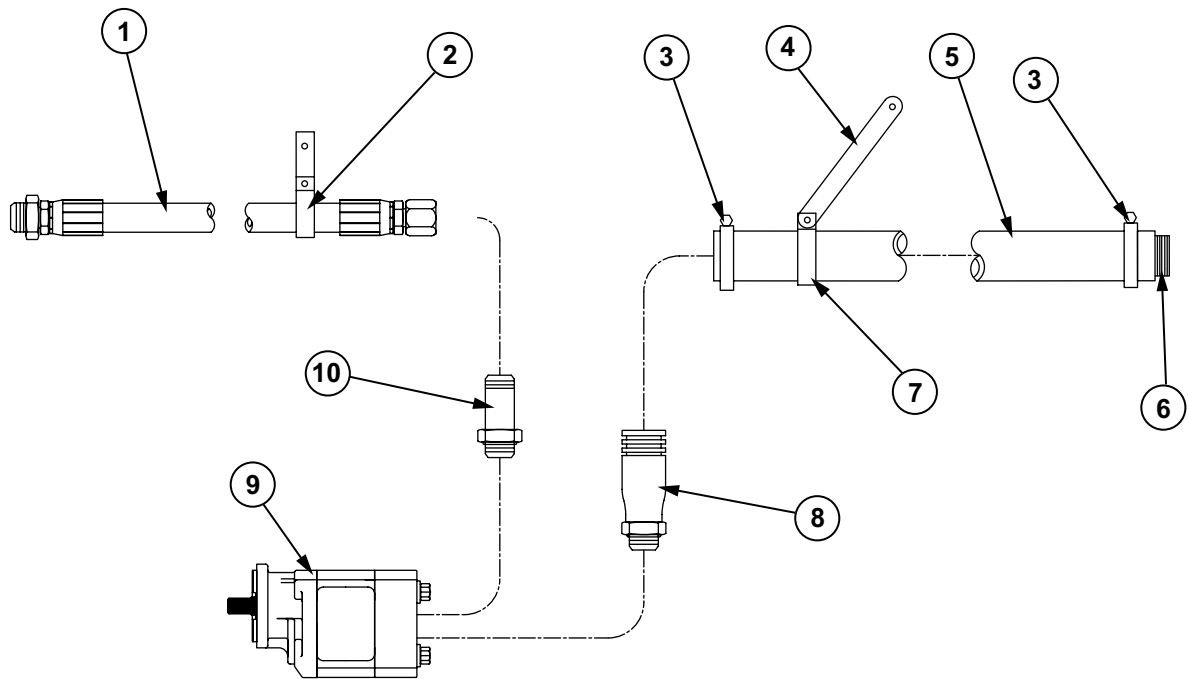
REMOTE PUMP INSTALLATION 406563-10

COUNTER CLOCKWISE ROTATION

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	F4730	SCREW, Set 3/8" x 3/8"	2
2	100002	YOKE	2
3	100878	KIT, Journal and Bearing	2
4	36717	SHAFT, Unwelded (Does not include item 2)	1
	106457	ASSEMBLY, Driveshaft Heavy Duty Unwelded (Includes Items 2, 3 and 4)	1
5	J0139	KEY	2
6	18400	BRACKET, Pump Foot Mount	1
	F1037	CAPSCREW, 1/2" x 2"	4
	F3350	NUT, 1/2"	4
	F7975	WASHER, Lock 1/2"	4
7	41284	BRACKET, Mounting	1
	F1790	CAPSCREW, 3/4" x 2 1/2"	2
	F3715	NUT, 3/4"	2
	F8075	WASHER, Lock 3/4"	2
8	40666	PUMP, Counter Clockwise Rotation	1
9	SR-8580	ADAPTER, Suction Hose	1
10	17913	CLAMP, Hose	2
11	J0132	HOSE, Suction 2" ID	AR
12	209230	BRACKET	2
	F4375	CAPSCREW, 5/16" x 2" Square Head	2
	F2850	NUT, 5/16"	2
	F7200	WASHER, Flat 5/16"	2
	F7775	WASHER, Lock 5/16"	2
13	302635	CLAMP	2
	F4350	SCREW, Machine 1/4" x 2 3/4"	2
	F2740	NUT, 1/4"	2
	F7100	WASHER, Flat 1/4"	2
	F7750	WASHER, Lock 1/4"	2
14	101242	ELBOW, 2" Hose 2" Flange	1
	101240	KIT, Flange	1
15	109192	ELBOW, 1 1/2" Flange	1
	101239	KIT, Flange	1
16	109191	HOSE, 1"	AR
	17627	GUARD, Hose	AR
17	109194	COUPLER, Hose JIC	1
		NOTE: Items 15 through 17 are NOT assembled. Before ordering pressure hose, verify length and contact Leach Customer Service Department to have hose assembled	
18	TW-1116-2	SUPPORT, Hose	1
	F4375	CAPSCREW, 5/16" x 2" Square Head	1
	F2850	NUT, 5/16"	1
	F7200	WASHER, Flat 5/16"	1
	F7775	WASHER, Lock 5/16"	1
	F4350	SCREW, Machine 1/4" x 2 3/4"	1
	F2740	NUT, 1/4"	1
	F7100	WASHER, Flat 1/4"	1
	F7750	WASHER, Lock 1/4"	1

SECTION 6

MARRIED PTO PUMP MOUNTING 406565-02 COMMERCIAL P-50 WITH REAR PORTS



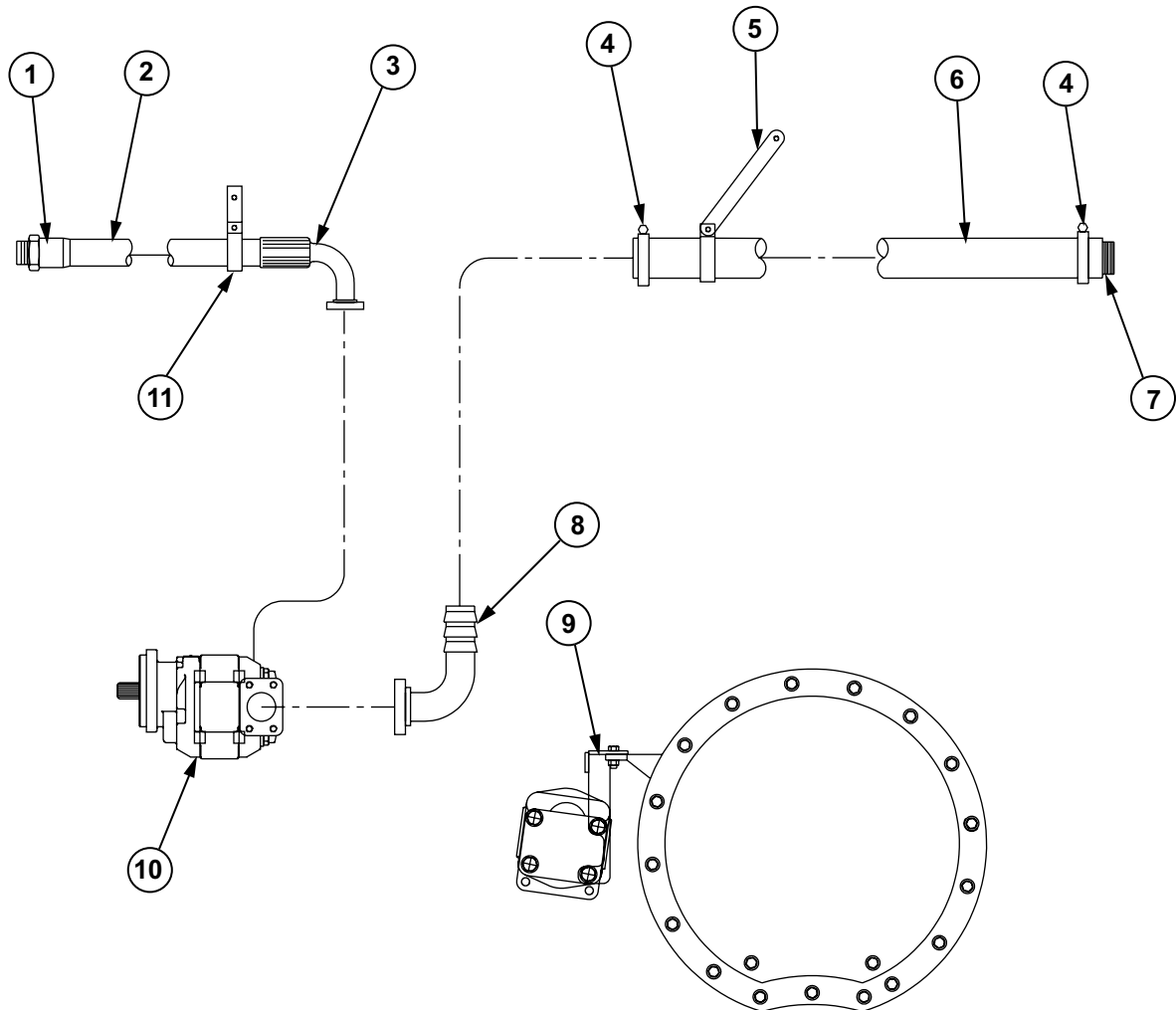
MARRIED PTO PUMP MOUNTING 406565-02

COMMERCIAL P-50 WITH REAR PORTS

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	109191	HOSE, Pressure	AR
	17627	GUARD, Hose	1
	109194	COUPLER, Hose JIC	1
	601490	COUPLING, Hose JIC Female	1
		NOTE: The above items are NOT assembled. Before ordering pressure hose, verify length and contact Leach Customer Service Department to have hose assembled	
2	TW-1116-2	SUPPORT, Hose	1
	F4350	SCREW, Machine 1/4" x 2 3/4"	3
	F7745	WASHER, Internal/External Tooth Lock	3
	F2725	NUT, 1/4"	3
	F0400	CAPSCREW, 3/8" x 1 3/4"	3
	F7250	WASHER, Flat 3/8"	3
	F2975	NUT, 3/8"	3
3	17913	CLAMP, Hose	2
4	209230	BRACKET	2
	F4350	SCREW, Machine 1/4" x 2 3/4"	3
	F7745	WASHER, Internal/External Tooth Lock	3
	F2725	NUT, 1/4"	3
	F0400	CAPSCREW, 3/8" x 1 3/4"	3
	F7250	WASHER, Flat 3/8"	3
	F2975	NUT, 3/8"	3
5	J0132	HOSE, Suction 2"	AR
6	SR-8580	ADAPTER	1
7	302635	CLAMP, Hose	2
8	P-16-1114	ADAPTER	1
	16101	O-RING	1
9	106837	PUMP, Commercial P-50 Rear Ports	1
10	100404	ADAPTER	1
	16101	O-RING	1

SECTION 6

MARRIED PTO PUMP INSTALLATION 705277 COMMERCIAL P-350 WITH SIDE PORTS



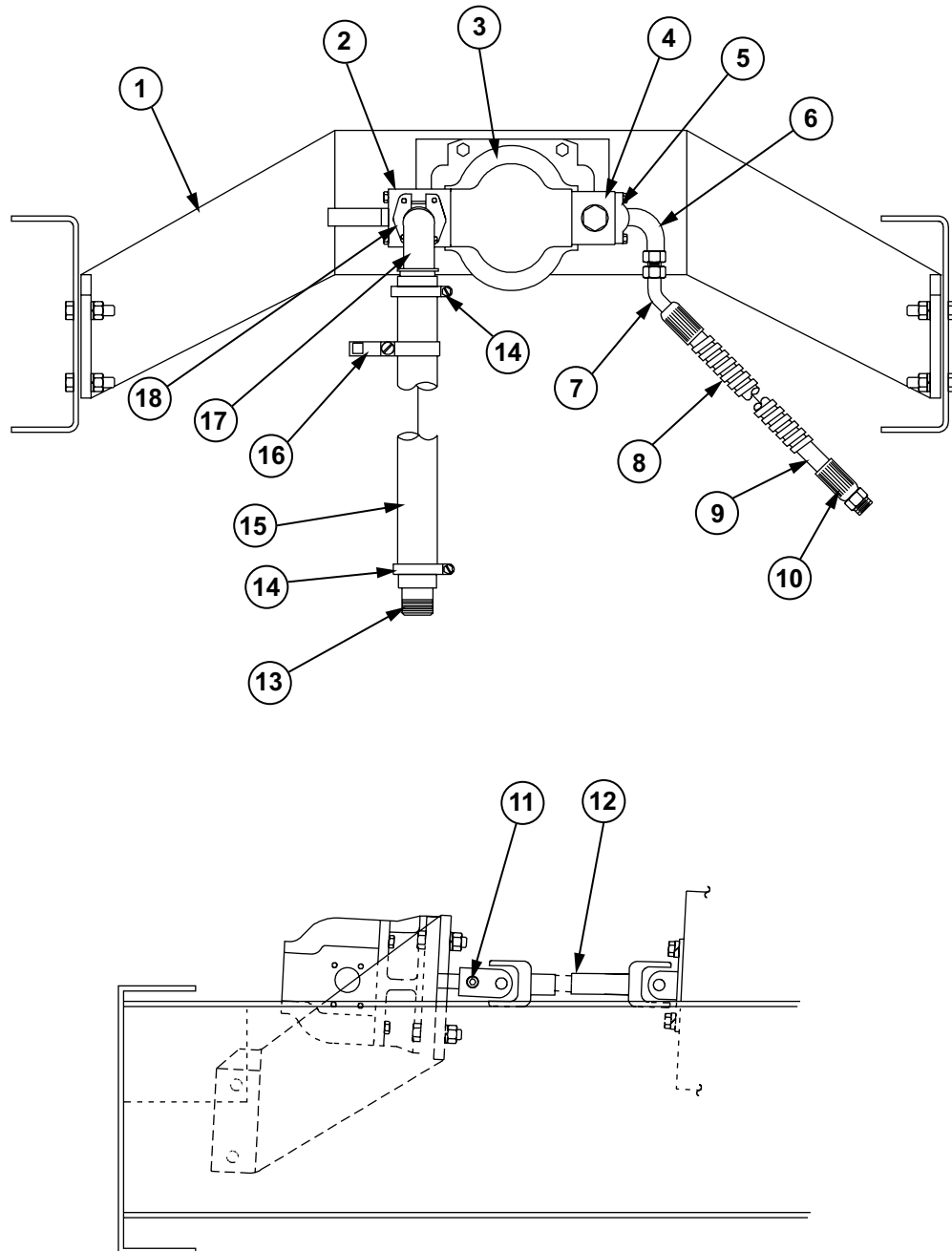
MARRIED PTO PUMP INSTALLATION 705277

COMMERCIAL P-350 WITH SIDE PORTS

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	109194	COUPLER, Hose JIC	1
2	109191	HOSE, 1"	AR
	17627	GUARD, Hose	AR
3	109192	FITTING, Hose Flange	1
	101239	KIT, Flange	1
		NOTE: Items 1 through 3 are NOT assembled. Before ordering pressure hose, verify length and contact Leach Customer Service Department to have hose assembled	
4	17913	CLAMP, Hose	2
5	209230	BRACKET	2
	F4350	SCREW, Machine 1/4" x 2 3/4"	2
	F2725	NUT, 1/4"	2
	F7745	WASHER, Lock 1/4"	2
	F0400	CAPSCREW, 3/8" x 1 3/4"	2
	F2975	NUT, 3/8"	2
	F7250	WASHER, Flat 3/8"	2
	302635	CLAMP, Hose	2
6	J0132	HOSE, Suction 2" ID	AR
7	SR-8580	ADAPTER	1
8	101242	ELBOW	1
	101240	KIT, Flange	1
9	606258	BRACKET, Support	1
	F0819	CAPSCREW, 7/16" x 1 1/2"	1
	F3210	NUT, 7/16"	1
	F7300	WASHER, Flat 7/16"	1
10	705223	PUMP, Commercial P-350 With Side Ports	1
11	TW-1116-2	SUPPORT, Hose	1
	F4350	SCREW, Machine 1/4" x 2 3/4"	1
	F2725	NUT, 1/4"	1
	F7745	WASHER, Lock 1/4"	1
	F0400	CAPSCREW, 3/8" x 1 3/4"	1
	F2975	NUT, 3/8"	1
	F7250	WASHER, Flat 3/8"	1

SECTION 6

FRONT PUMP INSTALLATION 404307, P-75 MACK

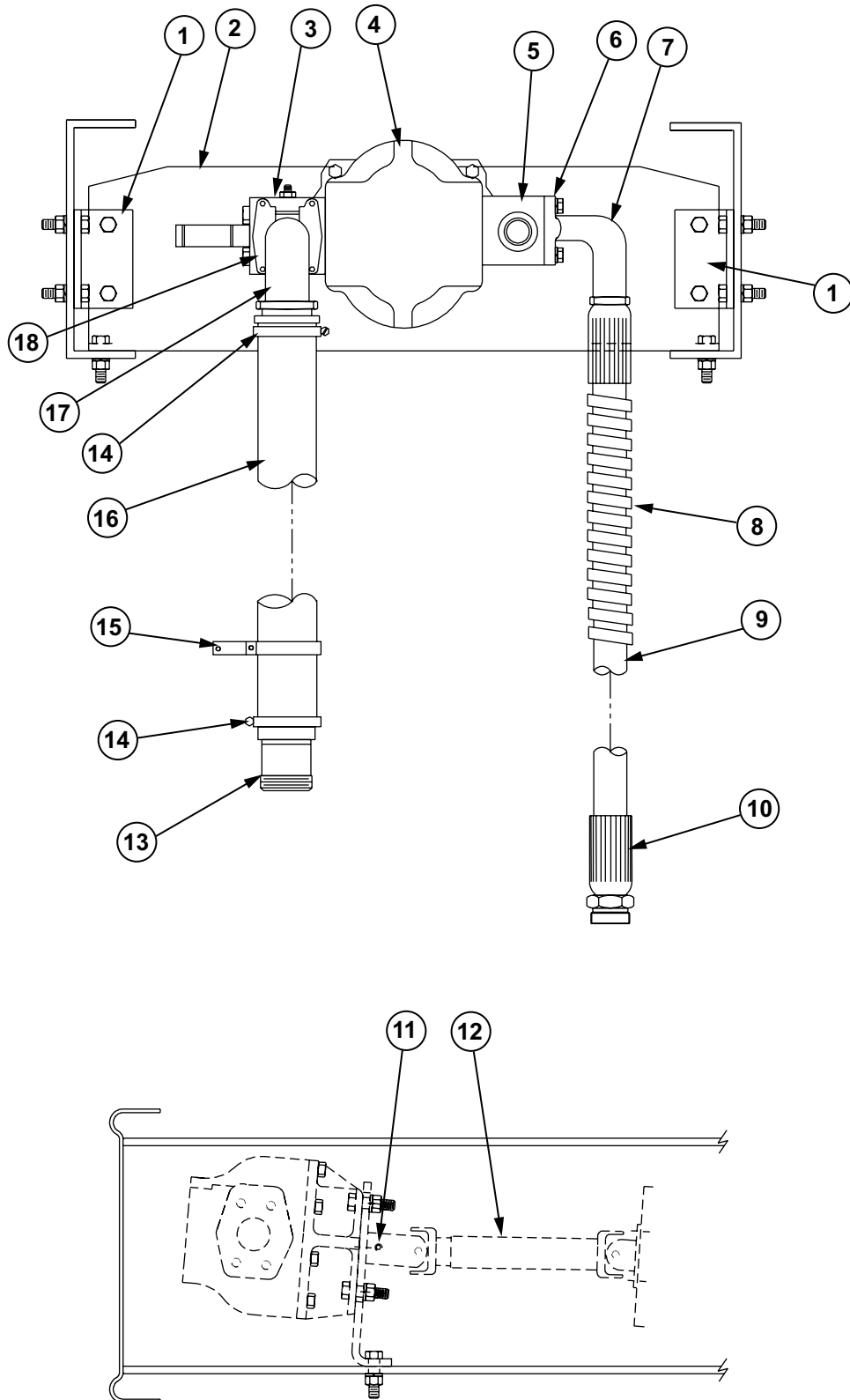


FRONT PUMP INSTALLATION 404307, P-75 MACK

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	601907	PLATE, Pump Mount	1
	F1037	CAPSCREW, 1/2" x 2"	8
	F3350	NUT, 1/2"	8
	F7975	WASHER, Lock 1/2"	8
2	41058	KIT, Dry Valve (Includes the following items)	1
	35753	VALVE, Dry	1
	35755	ASSEMBLY, By Pass Hose (Not Shown)	1
	38148	REGULATOR, Flow	1
	25952	CYLINDER, Air	1
	109091	O-RING, Dry Valve To Pump	1
3	40666	PUMP, Commercial P-75	1
4	38148	REGULATOR, Flow	1
5	101239	KIT, Flange	1
	F5960	CAPSCREW, 7/16" x 3 1/2"	4
	F7950	WASHER, Lock 7/16"	4
6	103545	FITTING, Hose 1 1/2" Flange	1
7	109193	FITTING	1
8	17627	GUARD, Hose	AR
9	109191	HOSE, 1" ID	AR
10	109194	COUPLER, Hose JIC	1
		NOTE: Items 7, 8, 9 and 10 are NOT assembled. Before ordering pressure hose, verify length and contact Leach Customer Service Department to have hose assembled	
11	F4730	SCREW, Set 3/8" x 3/8"	1
12	300109	ASSEMBLY, Drive Shaft Un-welded, Includes the following items	1
	36717	SHAFT, Un-Welded with U-Joints	1
	100004	YOKE, Flange (Engine Side)	1
	100002	YOKE, Pump Side	1
	1218	KEY	1
13	SR-8580	ADAPTER, Suction Hose	1
14	17913	CLAMP, Hose	2
15	J0132	HOSE, 2" ID	AR
16	TW-1116-2	SUPPORT, Hose	4
	F4375	BOLT, Machine 5/16" x 2"	10
	F2850	NUT, 5/16"	10
	F7775	WASHER, Lock 5/16"	10
	F7200	WASHER, Flat 5/16"	10
	F4350	SCREW, Machine 1/4" x 2 3/4"	10
	F2740	NUT, 1/4"	10
	F7100	WASHER, Flat 1/4"	10
	F7750	WASHER, Lock 5/16"	10
17	101242	ELBOW	1
18	101240	KIT, Flange	1

SECTION 6

FRONT PUMP INSTALLATION 405035, P-75 IHC

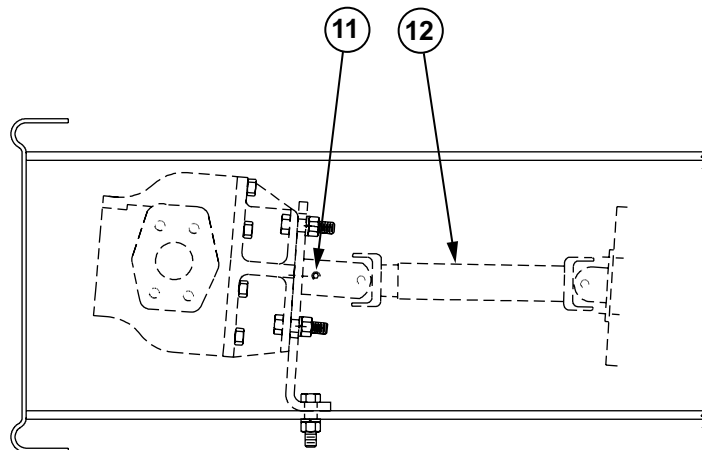
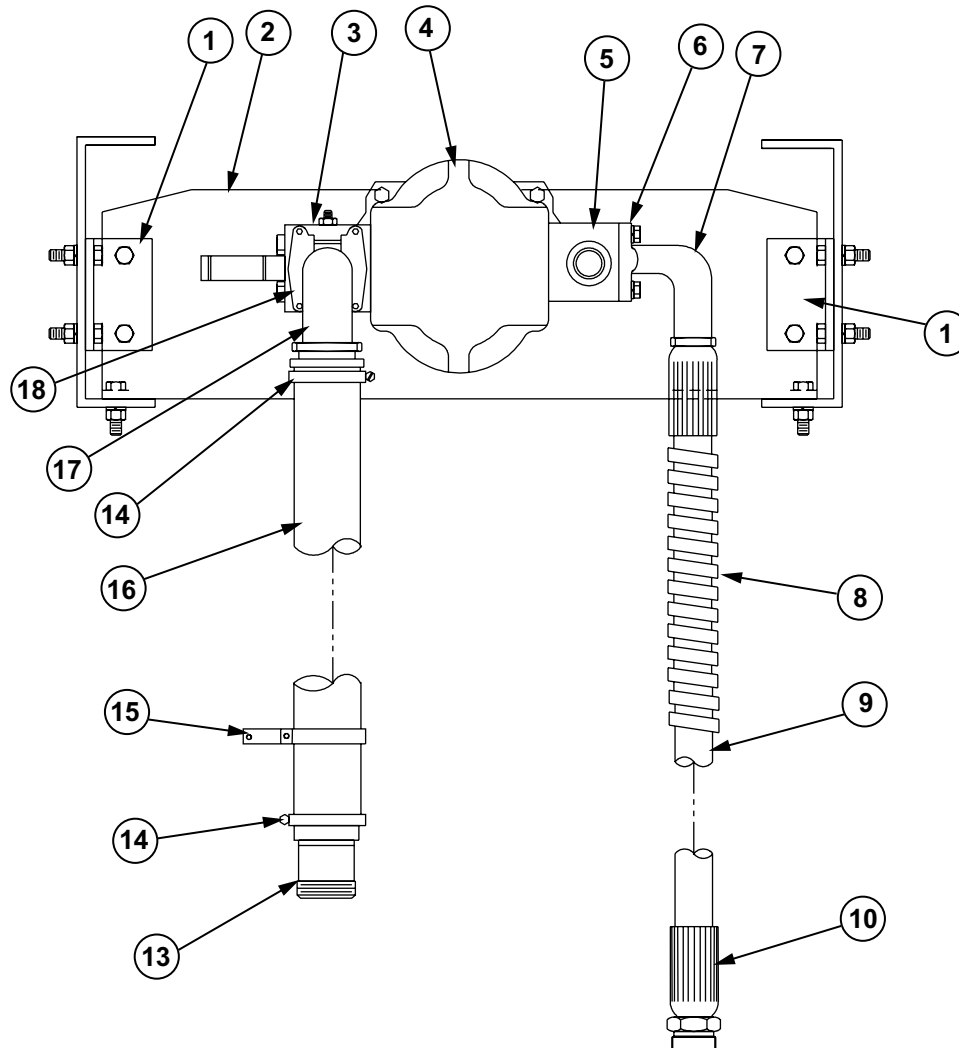


FRONT PUMP INSTALLATION 405035, P-75 IHC

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	208480	BRACKET, Pump Plate Mount	2
	F1037	CAPSCREW, 1/2" x 2"	8
	F3350	NUT, 1/2"	8
	F7975	WASHER, Lock 1/2"	8
2	305070	PLATE, Pump Mount	1
	F1037	CAPSCREW, 1/2" x 2"	2
	F3350	NUT, 1/2"	2
	F7975	WASHER, Lock 1/2"	2
3	41058	KIT, Dry Valve (Includes the following items)	1
	35753	VALVE, Dry	1
	35755	ASSEMBLY, Bypass Hose (Not Shown)	1
	38148	REGULATOR, Flow	1
	25952	CYLINDER, Air	1
	109091	O-RING, Dry Valve To Pump	1
4	40666	PUMP, Commercial P-75	1
5	38148	REGULATOR, Flow	1
6	101239	KIT, Flange	1
	F0827	CAPSCREW, 7/16" x 3 1/2"	4
	F7950	WASHER, Lock 7/16"	4
7	109192	FITTING, Hose 1 1/2" Flange	1
8	17627	GUARD, Hose	AR
9	109191	HOSE, 1" ID	AR
10	109194	COUPLER, Hose JIC	1
		NOTE: Items 7, 8, 9 and 10 are NOT assembled. Before ordering pressure hose, verify length and contact Leach Customer Service Department to have hose assembled	
11	F4730	SCREW, Set 3/8" x 3/8"	1
12	300109	ASSEMBLY, Drive Shaft Unwelded, Includes the following items	1
	36717	SHAFT, Unwelded with U-Joints	1
	100004	YOKE, Flange (Engine Side)	1
	100002	YOKE, Pump Side	1
	1218	KEY	1
13	SR-8580	ADAPTER, Suction Hose	1
14	17913	CLAMP, Hose	2
15	TW-1116-2	SUPPORT, Hose	4
	F4375	BOLT, Machine 5/16" x 2"	10
	F2850	NUT, 5/16"	10
	F7775	WASHER, Lock 5/16"	10
	F7200	WASHER, Flat 5/16"	10
	F4350	SCREW, Machine 1/4" x 2 3/4"	10
	F2740	NUT, 1/4"	10
	F7100	WASHER, Flat 1/4"	10
	F7750	WASHER, Lock 5/16"	10
16	J0132	HOSE, 2" ID	AR
17	101242	ELBOW	1
18	101240	KIT, Flange	1

SECTION 6

FRONT PUMP INSTALLATION 405340 IHC BEFORE S/N 20571



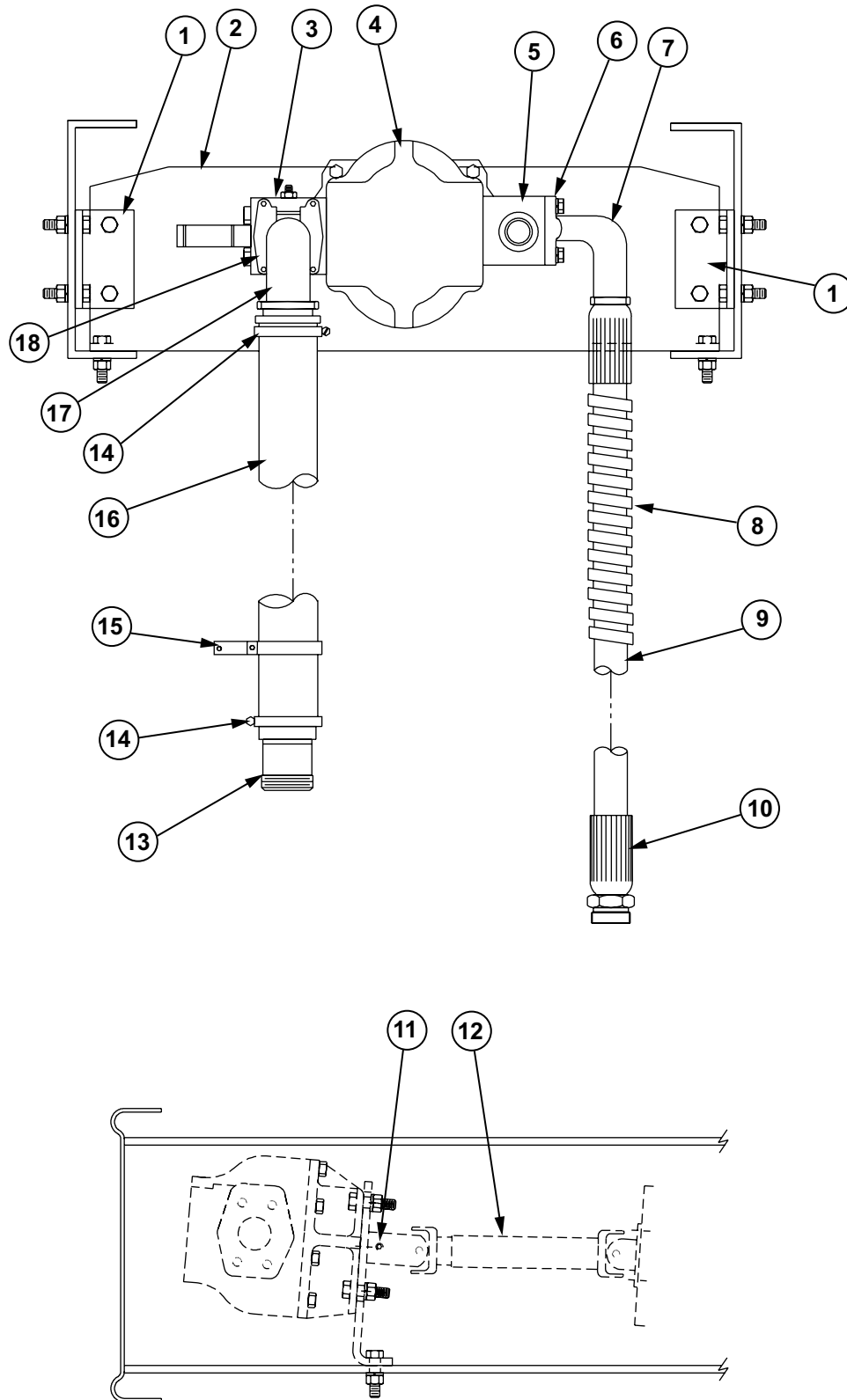
FRONT PUMP INSTALLATION 405340 IHC

BEFORE S/N 20571

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	208480	BRACKET, Pump Plate Mount	2
	F1037	CAPSCREW, 1/2" x 2"	8
	F3350	NUT, 1/2"	8
	F7975	WASHER, Lock 1/2"	8
2	305070	PLATE, Pump Mount	1
	F1037	CAPSCREW, 1/2" x 2"	2
	F3350	NUT, 1/2"	2
	F7975	WASHER, Lock 1/2"	2
3	41058	KIT, Dry Valve (Includes the Following Items)	1
	35753	VALVE, Dry	1
	35755	ASSEMBLY, Bypass Hose (Not Shown)	1
	38148	REGULATOR, Flow	1
	25952	CYLINDER, Air	1
	109091	O-RING, Dry Valve To Pump	1
4	204071	PUMP, Front Mount	1
5	38148	REGULATOR, Flow	1
6	101239	KIT, Flange	1
	F0827	CAPSCREW, 7/16" x 3 1/2"	4
	F7950	WASHER, Lock 7/16"	4
7	109192	FITTING, Hose 1 1/2" Flange	1
8	17627	GUARD, Hose	AR
9	109191	HOSE, 1" ID	AR
10	109194	COUPLER, Hose JIC	1
		NOTE: Items 7, 8, 9 and 10 are NOT assembled. Before ordering pressure hose, verify length and contact Leach Customer Service Department to have hose assembled	
11	F4730	SCREW, Set 3/8" x 3/8"	1
12	300109	ASSEMBLY, Drive Shaft Unwelded Includes the Following Items	1
	36717	SHAFT, Unwelded With U-Joints	1
	100004	YOKE, Flange (Engine Side)	1
	100002	YOKE, Pump Side	1
	1218	KEY	1
13	SR-8580	ADAPTER, Suction Hose	1
14	17913	CLAMP, Hose	2
15	TW-1116-2	SUPPORT, Hose	4
	F4375	BOLT, Machine 5/16" x 2"	10
	F2850	NUT, 5/16"	10
	F7775	WASHER, Lock 5/16"	10
	F7200	WASHER, Flat 5/16"	10
	F4350	SCREW, Machine 1/4" x 2 3/4"	10
	F2740	NUT, 1/4"	10
	F7100	WASHER, Flat 1/4"	10
	F7750	WASHER, Lock 5/16"	10
16	J0132	HOSE, 2" ID	AR
17	101242	ELBOW	1
18	101240	KIT, Flange	1

SECTION 6

FRONT PUMP INSTALLATION 405340 IHC AFTER S/N 20570



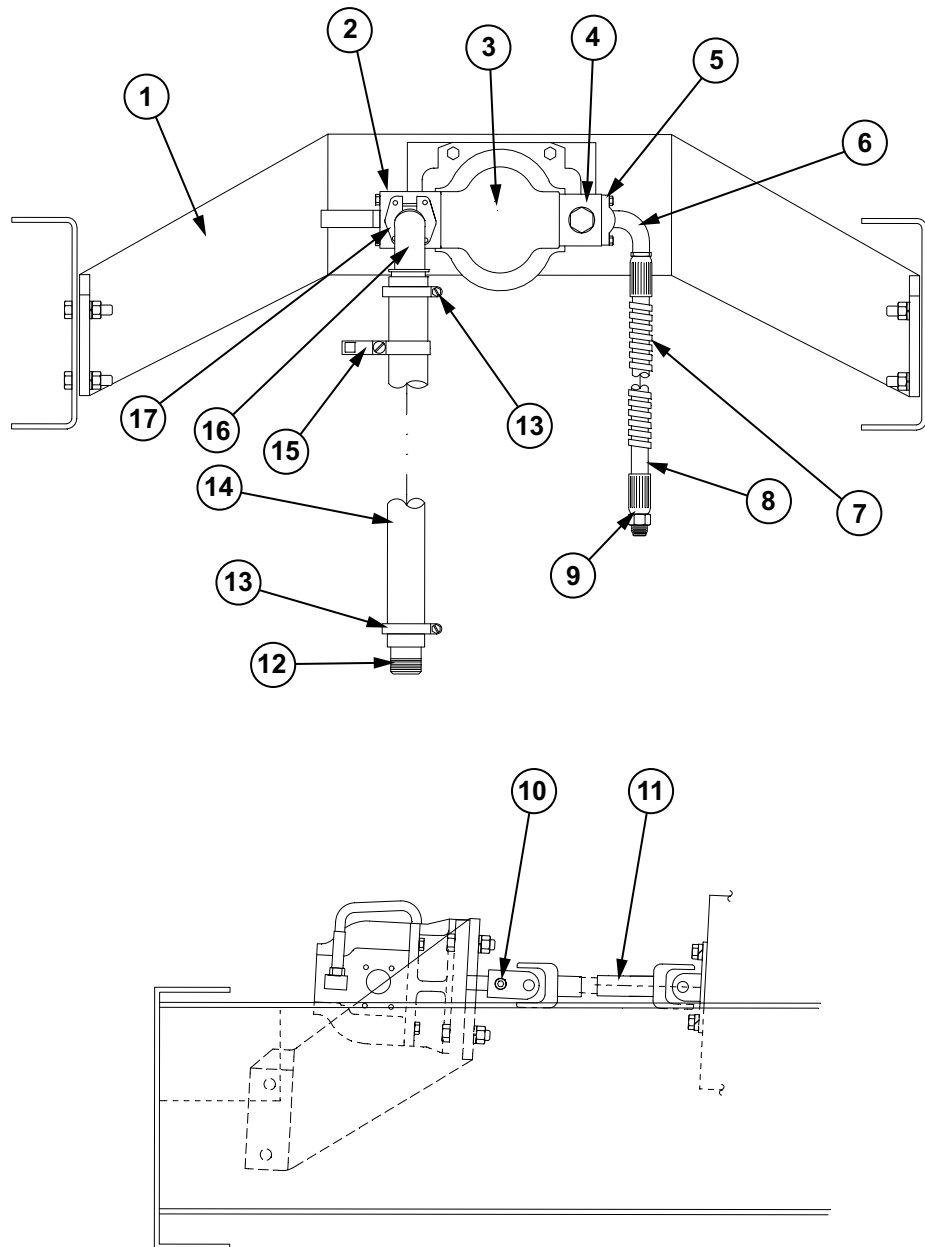
FRONT PUMP INSTALLATION 405340 IHC

AFTER S/N 20570

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	208480	BRACKET, Pump Plate Mount	2
	F1037	CAPSCREW, 1/2" x 2"	8
	F3350	NUT, 1/2"	8
	F7975	WASHER, Lock 1/2"	8
2	305070	PLATE, Pump Mount	1
	F1037	CAPSCREW, 1/2" x 2"	2
	F3350	NUT, 1/2"	2
	F7975	WASHER, Lock 1/2"	2
3	707719	KIT, Dry Valve (Includes the Following Items)	1
	35753	VALVE, Dry	1
	35755	ASSEMBLY, Bypass Hose (Not Shown)	1
	708188	REGULATOR, Flow	1
	25952	CYLINDER, Air	1
	109091	O-RING, Dry Valve To Pump	1
4	705754	PUMP, Front Mount	1
5	708188	REGULATOR, Flow	1
6	101239	KIT, Flange	1
	F0827	CAPSCREW, 7/16" x 3 1/2"	4
	F7950	WASHER, Lock 7/16"	4
7	109192	FITTING, Hose 1 1/2" Flange	1
8	17627	GUARD, Hose	AR
9	109191	HOSE, 1" ID	AR
10	109194	COUPLER, Hose JIC	1
		NOTE: Items 7, 8, 9 and 10 are NOT assembled. Before ordering pressure hose, verify length and contact Leach Customer Service Department to have hose assembled	
11	F4730	SCREW, Set 3/8" x 3/8"	1
12	300109	ASSEMBLY, Drive Shaft Unwelded Includes the Following Items	1
	36717	SHAFT, Unwelded With U-Joints	1
	100004	YOKE, Flange (Engine Side)	1
	100002	YOKE, Pump Side	1
	1218	KEY	1
13	SR-8580	ADAPTER, Suction Hose	1
14	17913	CLAMP, Hose	2
15	TW-1116-2	SUPPORT, Hose	4
	F4375	BOLT, Machine 5/16" x 2"	10
	F2850	NUT, 5/16"	10
	F7775	WASHER, Lock 5/16"	10
	F7200	WASHER, Flat 5/16"	10
	F4350	SCREW, Machine 1/4" x 2 3/4"	10
	F2740	NUT, 1/4"	10
	F7100	WASHER, Flat 1/4"	10
	F7750	WASHER, Lock 5/16"	10
16	J0132	HOSE, 2" ID	AR
17	101242	ELBOW	1
18	101240	KIT, Flange	1

SECTION 6

FRONT PUMP INSTALLATION 403562 MACK MR BEFORE S/N 20571

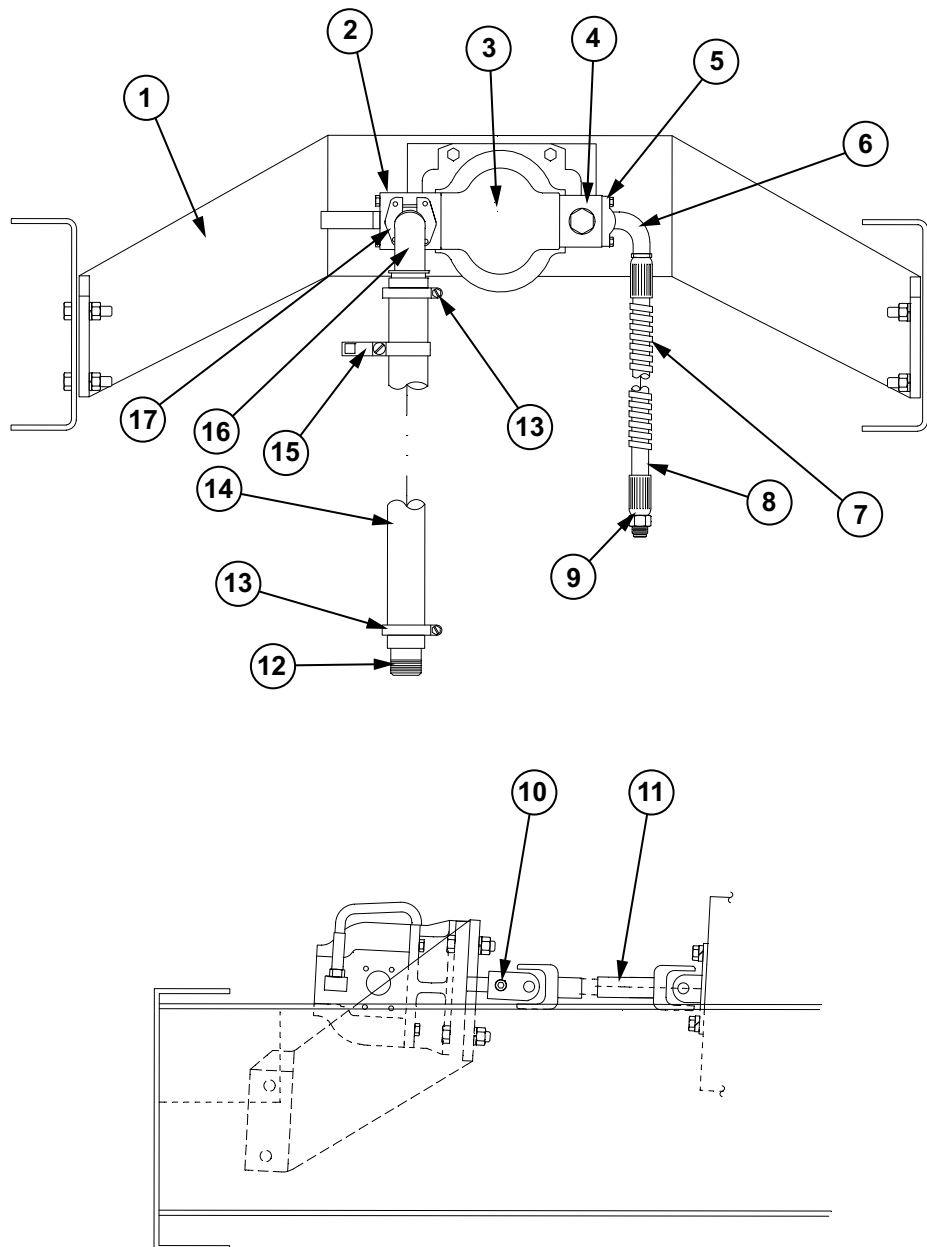


FRONT PUMP INSTALLATION 403562 MACK MR BEFORE S/N 20571

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	601907	PLATE, Pump Mount	1
	F1037	CAPSCREW, 1/2" x 2"	8
	F3350	NUT, 1/2"	8
	F7975	WASHER, Lock 1/2"	8
2	41058	KIT, Dry Valve (Includes The Following Items)	1
	35753	VALVE, Dry	1
	35755	ASSEMBLY, By Pass Hose (Not Shown)	1
	38148	REGULATOR, Flow	1
	25952	CYLINDER, Air	1
	109091	O-RING, Dry Valve To Pump	1
3	204071	PUMP, Front Mount	1
4	38148	REGULATOR, Flow	1
5	101239	KIT, Flange	1
	F5960	CAPSCREW, 7/16" x 3 1/2"	4
	F7950	WASHER, Lock 7/16"	4
6	109192	COUPLER, Hose	1
7	17627	GUARD, Hose	AR
8	109191	HOSE, 1" ID	AR
9	109194	COUPLER, Hose JIC	1
		NOTE: Items 6, 7, 8 and 9 are NOT assembled. Before ordering pressure hose, verify length and contact Leach Customer Service Department to have hose assembled	
10	F4730	SCREW, Set 3/8" x 3/8"	1
11	300109	ASSEMBLY, Drive Shaft Un-Welded, Includes the following items	1
	36717	SHAFT, Un-Welded with U-Joints	1
	100004	YOKE, Flange (Engine Side)	1
	100002	YOKE, Pump Side	1
	1218	KEY	1
12	SR-8580	ADAPTER, Suction Hose	1
13	17913	CLAMP, Hose	2
14	J0132	HOSE, 2" ID	AR
15	TW-1116-2	SUPPORT, Hose	4
	F4375	BOLT, Machine 5/16" x 2"	10
	F2850	NUT, 5/16"	10
	F7775	WASHER, Lock 5/16"	10
	F7200	WASHER, Flat 5/16"	10
	F4350	SCREW, Machine 1/4" x 2 3/4"	10
	F2740	NUT, 1/4"	10
	F7100	WASHER, Flat 1/4"	10
	F7750	WASHER, Lock 1/4"	10
16	101242	ELBOW	1
17	101240	KIT, Flange	1

SECTION 6

FRONT PUMP INSTALLATION 403562 MACK MR AFTER S/N 20570

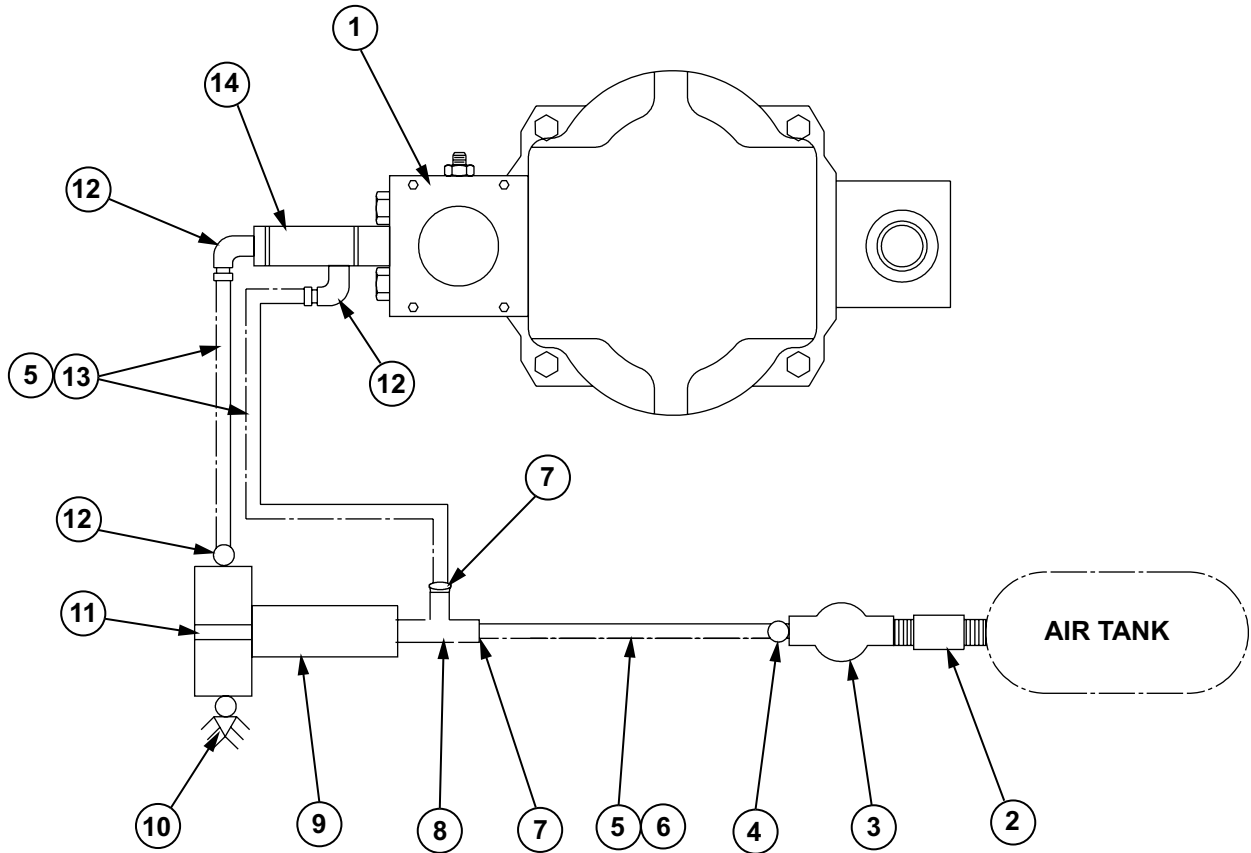


FRONT PUMP INSTALLATION 403562 MACK MR AFTER S/N 20570

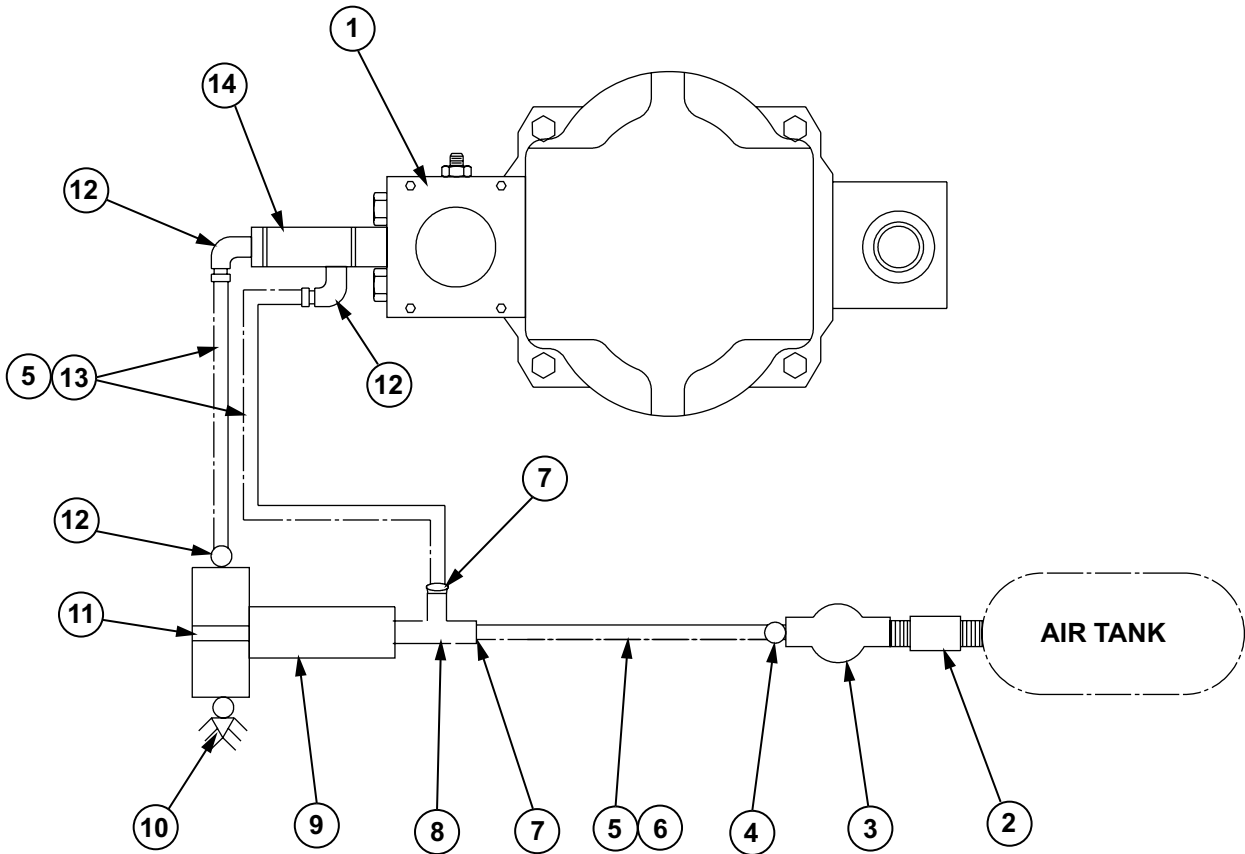
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	601907	PLATE, Pump Mount	1
	F1037	CAPSCREW, 1/2" x 2"	8
	F3350	NUT, 1/2"	8
	F7975	WASHER, Lock 1/2"	8
2	707719	KIT, Dry Valve (Includes The Following Items)	1
	35753	VALVE, Dry	1
	35755	ASSEMBLY, By Pass Hose (Not Shown)	1
	708188	REGULATOR, Flow	1
	25952	CYLINDER, Air	1
	109091	O-RING, Dry Valve To Pump	1
3	705754	PUMP, Front Mount	1
4	708188	REGULATOR, Flow	1
5	101239	KIT, Flange	1
	F5960	CAPSCREW, 7/16" x 3 1/2"	4
	F7950	WASHER, Lock 7/16"	4
6	109192	COUPLER, Hose	1
7	17627	GUARD, Hose	AR
8	109191	HOSE, 1" ID	AR
9	109194	COUPLER, Hose JIC	1
		NOTE: Items 6, 7, 8 and 9 are NOT assembled. Before ordering pressure hose, verify length and contact Leach Customer Service Department to have hose assembled	
10	F4730	SCREW, Set 3/8" x 3/8"	1
11	300109	ASSEMBLY, Drive Shaft Un-Welded, Includes the following items	1
	36717	SHAFT, Un-Welded with U-Joints	1
	100004	YOKE, Flange (Engine Side)	1
	100002	YOKE, Pump Side	1
	1218	KEY	1
12	SR-8580	ADAPTER, Suction Hose	1
13	17913	CLAMP, Hose	2
14	J0132	HOSE, 2" ID	AR
15	TW-1116-2	SUPPORT, Hose	4
	F4375	BOLT, Machine 5/16" x 2"	10
	F2850	NUT, 5/16"	10
	F7775	WASHER, Lock 5/16"	10
	F7200	WASHER, Flat 5/16"	10
	F4350	SCREW, Machine 1/4" x 2 3/4"	10
	F2740	NUT, 1/4"	10
	F7100	WASHER, Flat 1/4"	10
	F7750	WASHER, Lock 1/4"	10
16	101242	ELBOW	1
17	101240	KIT, Flange	1

SECTION 6

FRONT PUMP DRY VALVE INSTALLATION 709927 FOR USE WITH 705754 FRONT PUMP



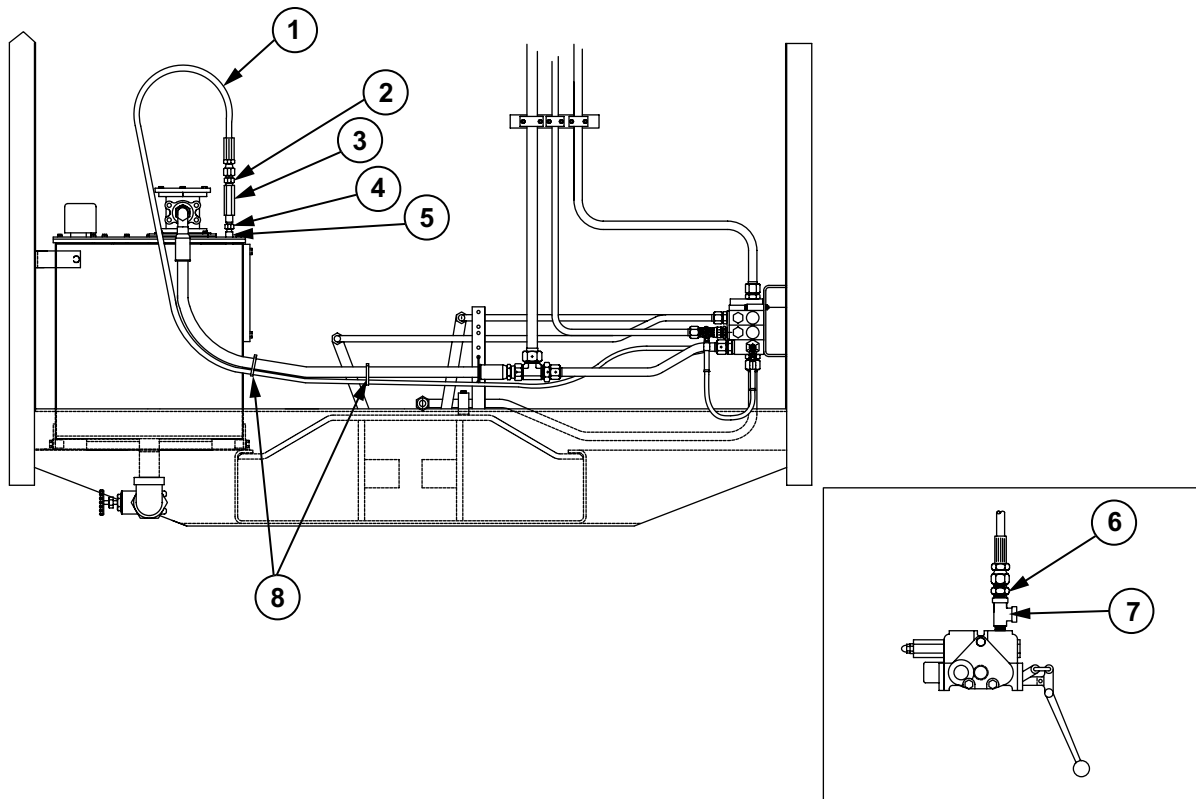
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	707719	KIT, Dry Valve (Includes Item 14)	1
2	36860	NIPPLE, 1/4" x 1 3/8"	1
3	30138	VALVE, Pressure Protection	1
4	38187	CONNECTOR	1
5	39923	TUBING	AR
6	J0136	LOOM, Flex 5/16"	AR
7	39218	CONNECTOR	2
8	3750 X 2	TEE, 1/8" Pipe	1
9	105631	SOLENOID, Air N.O.	1
10	39996	MUFFLER	1
11	18276	U-BOLT	1
12	108798	ELBOW	3
13	J0138	LOOM, Flex 1/2"	AR
14	25952	CYLINDER, Air	1



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	41058	KIT, Dry Valve (Includes Item 14)	1
2	36860	NIPPLE, 1/4" x 1 3/8"	1
3	30138	VALVE, Pressure Protection	1
4	38187	CONNECTOR	1
5	39923	TUBING	AR
6	J0136	LOOM, Flex 5/16"	AR
7	39218	CONNECTOR	2
8	3750 X 2	TEE, 1/8" Pipe	1
9	105631	SOLENOID, Air N.O.	1
10	39996	MUFFLER	1
11	18276	U-BOLT	1
12	108798	ELBOW	3
13	J0138	LOOM, Flex 1/2"	AR
14	25952	CYLINDER, Air	1

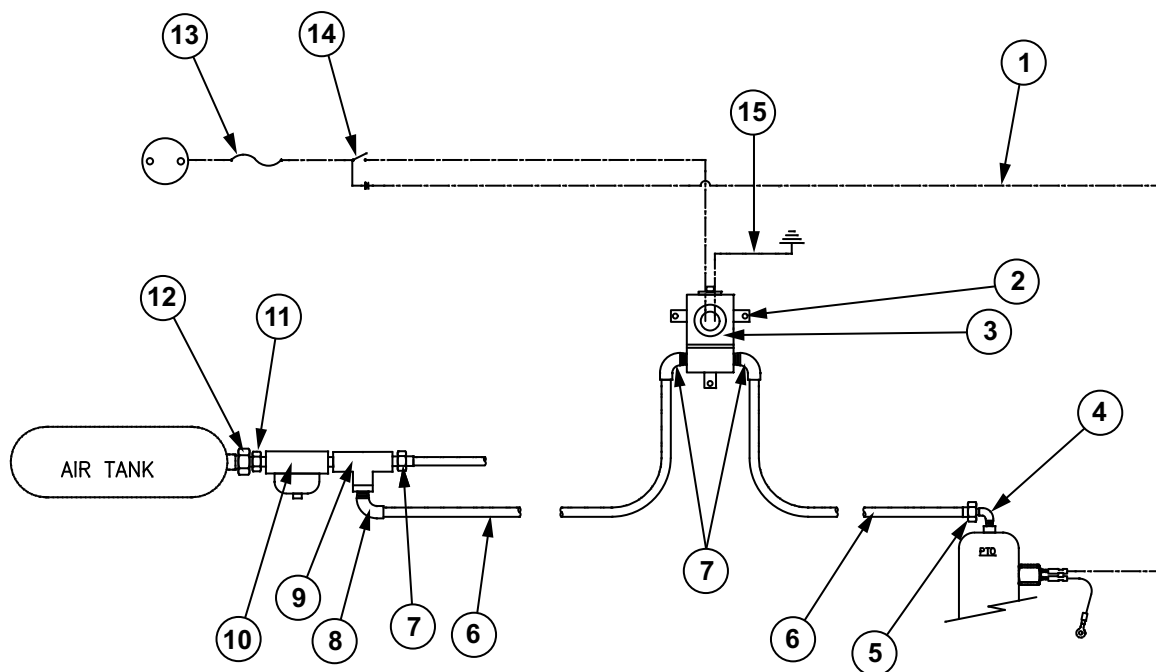
SECTION 6

FRONT MOUNT PUMP FIXED FLOW VALVE (Waterman Valve) INSTALLATION - 301156



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	108748	ASSEMBLY, Hose	1
2	103563	CONNECTOR	1
3	100211	VALVE, 2.0 GPM Fixed Flow	1
4	J0183	BUSHING, 3/8" x 1/2"	1
5	41921	NIPPLE, Pipe	1
6	100204	ADAPTER	1
7	39434	TEE, Street 1/4"	1
8	18034	TY-RAP	AR
	900193	KIT, Fixed Flow Valve Installation	1

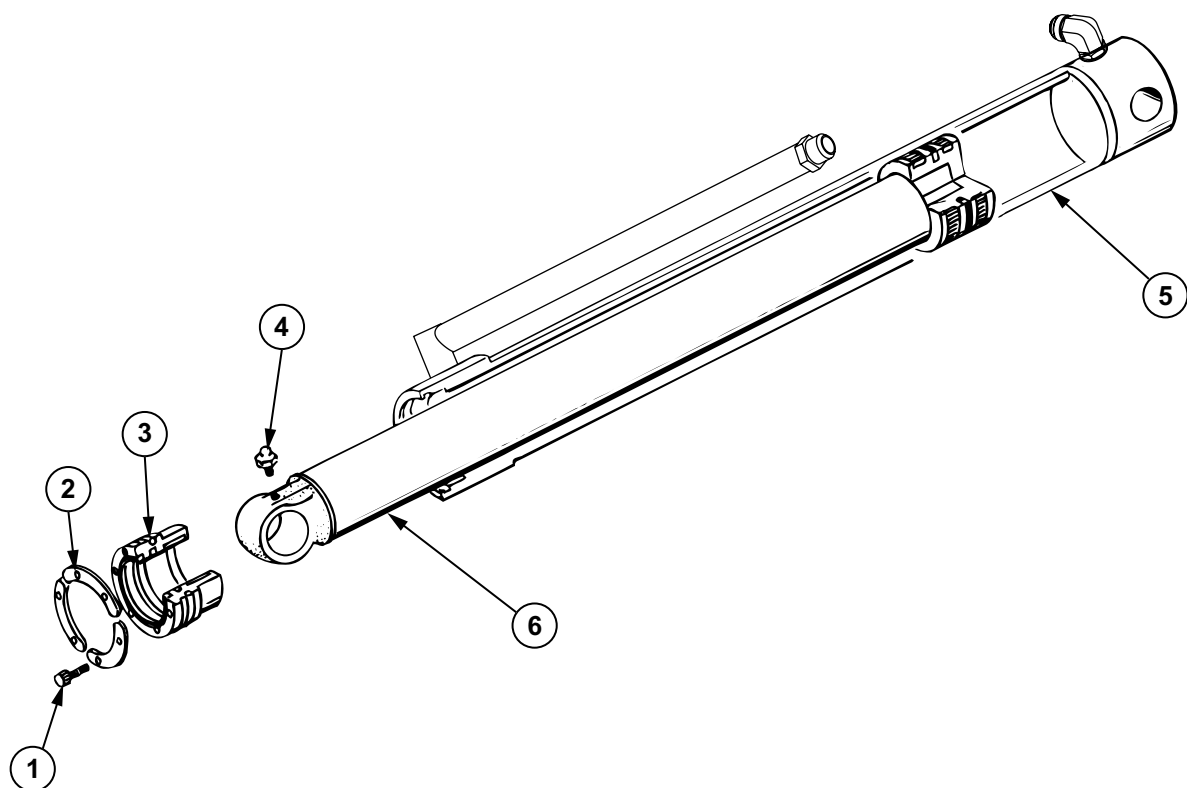
PTO CONTROLS AIR 407107-02



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	1972-0200A	WIRE, 14 Guage Light Blue	AR
2	201693	BRACKET, Solenoid Valve	1
	F7690	WASHER, Lock #8	2
	F4112	SCREW, Machine 8-32 x 3/8"	2
3	16667	VALVE, Solenoid	1
4	39928	ELBOW, Street	1
5	38187	CONNECTOR	1
6	39923	TUBING, Air	AR
	J0136	LOOM, Flextube 5/16"	AR
7	39218	CONNECTOR, Straight	1
8	101273	ELBOW	3
9	3750 X 4	TEE, Street	1
10	30138	VALVE, Pressure Protection	1
11	36860	NIPPLE, 1/4" x 1 3/8"	1
12	5152-0604	REDUCER, 3/8" x 1/4"	1
13	103157	HOLDER, In Line Fuse	1
	103158	FUSE, 10 Amp	1
14	604799	SWITCH, Lighted Green Toggle	1
	105903	DECAL	1
	38260	TERMINAL, Female Quick Slide	3
15	1972-0102A	WIRE, 14 Guage White	AR

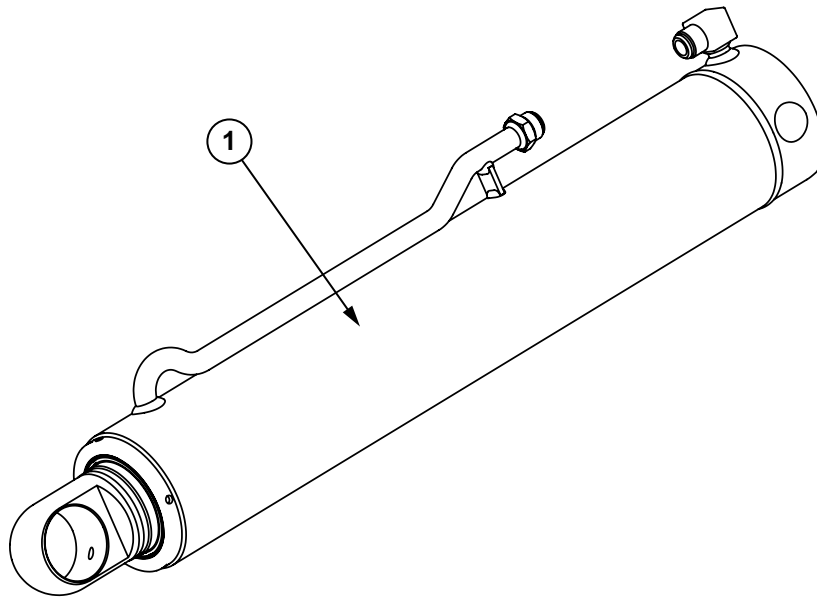
SECTION 7

OPERATING CYLINDER 700081 Standard (Packer and Carrier) 700289 Tag Axle (Packer Only) Before S/N 20458



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	F5925	SCREW, Socket Head	6
2	PO-2295	PLATE, Lock Segment	3
3	305167	GLAND	1
4	16170	FITTING, Grease	1
5	605865	ASSEMBLY, Barrel	1
6	605866	ASSEMBLY, Rod	1
	606117	ASSEMBLY, Rod Tag Axle Packer Cylinder	1
	2R-1950	BUSHING, Rod End (Packer Cylinder Only)	1
	700081	ASSEMBLY, Operating Cylinder Standard	1
	700289	ASSEMBLY, Operating Cylinder Tag Axle (Packer Only)	1
	107854	KIT, Seal	1

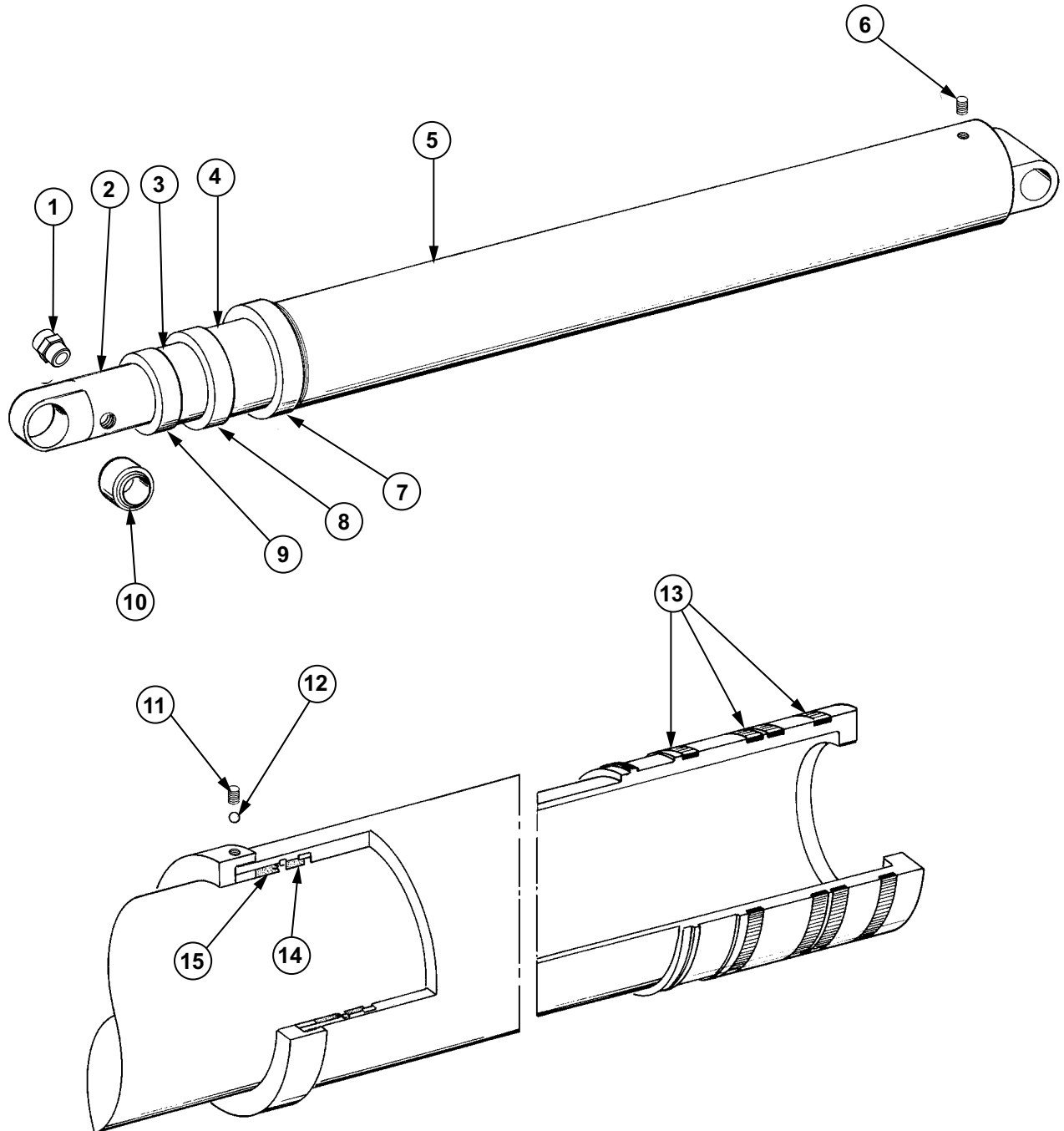
OPERATING CYLINDER 717488 Standard (Packer and Carrier) 760906 Tag Axle (Packer Only) After S/N 20457



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	717488	ASSEMBLY, Operating Cylinder Standard	1
	760906	ASSEMBLY, Operating Cylinder Tag Axle (Packer Only)	1
	724403	KIT, Seal (717488 Cylinder Only)	1
	NSS	KIT, Seal (760906 Cylinder Only)	1
		NOTE: No additional piece parts are available for these cylinders at this time. Please contact Leach Customer Service for additional information.	

SECTION 7

TELESCOPIC PUSH OUT CYLINDER - Standard Before S/N 40000

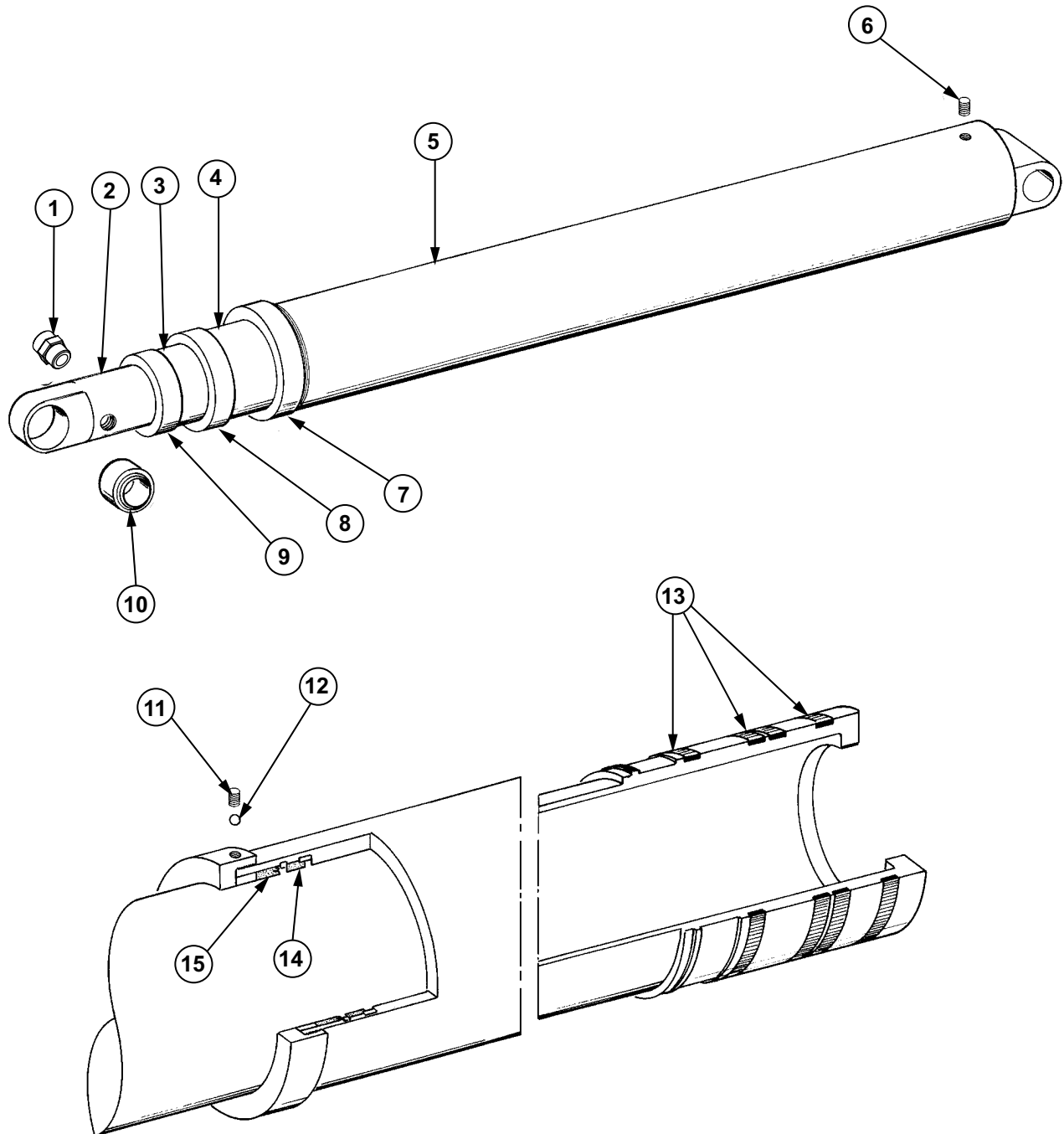


TELESCOPIC PUSH OUT CYLINDER - Standard Before S/N 40000

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	103134	FITTING	2
2	922001	ASSEMBLY, Plunger 20 Yard	1
	922002	ASSEMBLY, Plunger 25 Yard	1
	NSS	ASSEMBLY, Plunger 29 Yard	1
	922003	ASSEMBLY, Plunger 31 Yard	1
3	922004	ASSEMBLY, Sleeve 1st Stage 20 and 25 Yard	1
	922044	ASSEMBLY, Sleeve 1st Stage 31 Yard	1
	922026	ASSEMBLY, Sleeve 1st Stage 33 Yard	1
4	922045	ASSEMBLY, Sleeve 2nd Stage 20 and 25 Yard	1
	922007	ASSEMBLY, Sleeve 2nd Stage 31 Yard	1
	922027	ASSEMBLY, Sleeve 2nd Stage 33 Yard	1
	922024	ASSEMBLY, Sleeve 3rd Stage 31 Yard	1
	922028	ASSEMBLY, Sleeve 3rd Stage 33 Yard	1
	922029	ASSEMBLY, Sleeve 4th Stage 33 Yard	1
5	922008	CASE, 20 Yard	1
	922009	CASE, 25 Yard	1
	922010	CASE, 31 Yard	1
	922025	CASE, 33 Yard	1
6	922034	KIT, Bleeder Screw and Gasket	1
7	922047	NUT, Gland 6"	1
8	108865	NUT, Gland 5"	1
9	109102	NUT, Gland 4"	1
	N/A	NUT, Gland 3"	1
10	108874	BEARING	1
11	604655	SCREW, Set 5/16" x 5/16"	1
12	NSS	SLUG, Nylon (Included In Seal Kit)	1
13	604818	KIT, Seal Major (Includes Wear Rings)	1
14	922017	RING, Retaining 1st Sleeve 31 and 33 Yard	1
	922018	RING, Retaining 1st Sleeve 20 and 25 Yard 2nd Sleeve 31 and 33 Yard	1
	922019	RING, Retaining 2nd Sleeve 20 and 25 Yard 3rd Sleeve 31 and 33 Yard	1
	922020	RING, Retaining Case 20 and 25 Yard 4th Sleeve 31 and 33 Yard	1
15	922016	KIT, Gland Seal	1
	209785	ASSEMBLY, Cylinder 20 Yard	1
	209786	ASSEMBLY, Cylinder 25 Yard	1
	704045	ASSEMBLY, Cylinder 29 Yard	1
	209787	ASSEMBLY, Cylinder 31 Yard	1
	210847	ASSEMBLY, Cylinder 33 Yard	1

SECTION 7

TELESCOPIC PUSH OUT CYLINDER - Standard After S/N 39999

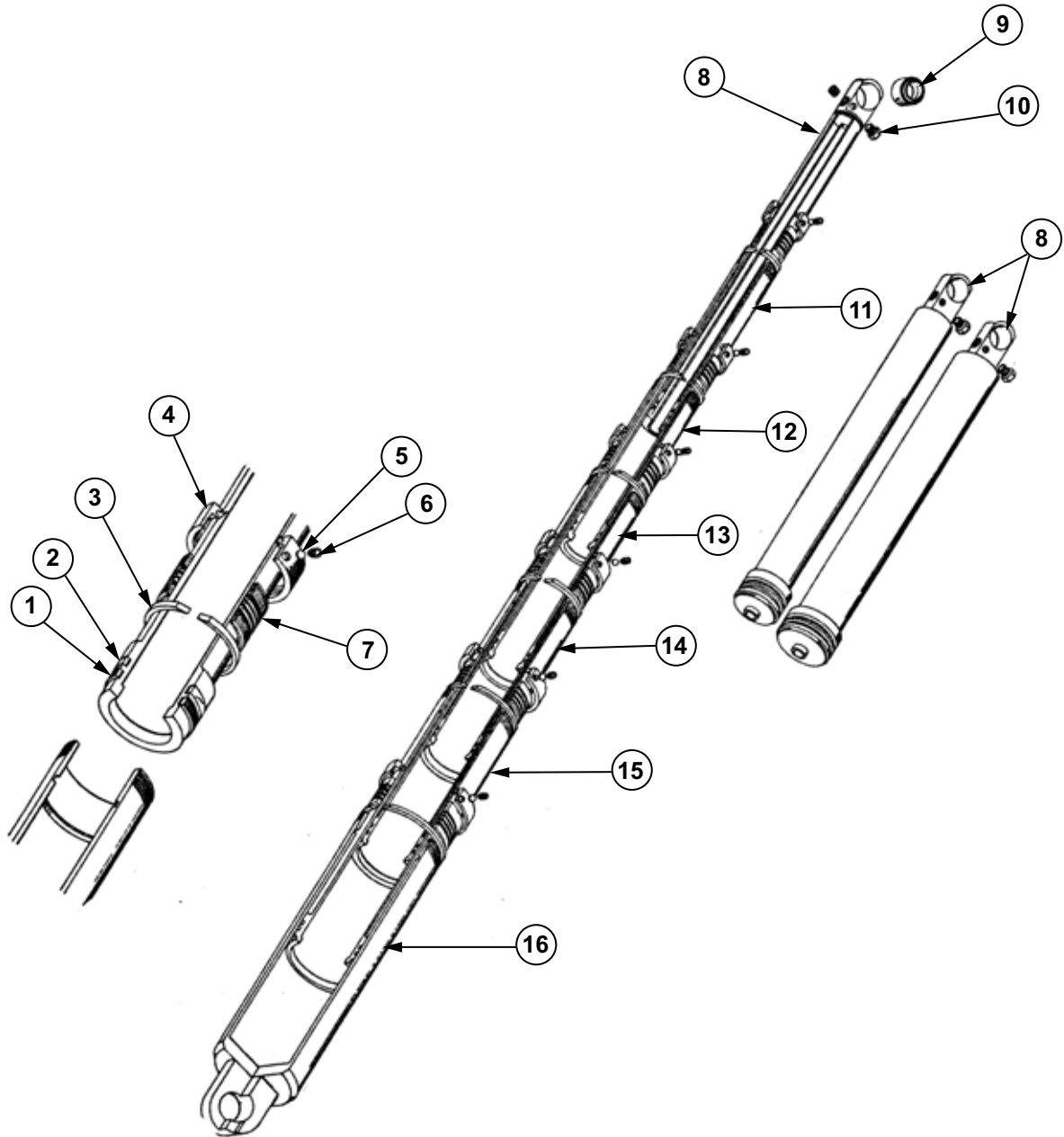


TELESCOPIC PUSH OUT CYLINDER - Standard

After S/N 39999

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	NSS	FITTING	2
2	NSS	ASSEMBLY, Plunger 20 Yard	1
	NSS	ASSEMBLY, Plunger 25 Yard	1
	NSS	ASSEMBLY, Plunger 29 Yard	1
	NSS	ASSEMBLY, Plunger 31 Yard	1
3	NSS	ASSEMBLY, Sleeve 1st Stage 20 and 25 Yard	1
	NSS	ASSEMBLY, Sleeve 1st Stage 31 Yard	1
	NSS	ASSEMBLY, Sleeve 1st Stage 33 Yard	1
4	NSS	ASSEMBLY, Sleeve 2nd Stage 20 and 25 Yard	1
	NSS	ASSEMBLY, Sleeve 2nd Stage 31 Yard	1
	NSS	ASSEMBLY, Sleeve 2nd Stage 33 Yard	1
	NSS	ASSEMBLY, Sleeve 3rd Stage 31 Yard	1
	NSS	ASSEMBLY, Sleeve 3rd Stage 33 Yard	1
	NSS	ASSEMBLY, Sleeve 4th Stage 33 Yard	1
5	NSS	CASE, 20 Yard	1
	NSS	CASE, 25 Yard	1
	NSS	CASE, 31 Yard	1
	NSS	CASE, 33 Yard	1
6	NSS	KIT, Bleeder Screw and Gasket	1
7	NSS	NUT, Gland 6"	1
8	NSS	NUT, Gland 5"	1
9	NSS	NUT, Gland 4"	1
	NSS	NUT, Gland 3"	1
10	NSS	BEARING	1
11	NSS	SCREW, Set 5/16" x 5/16"	1
12	NSS	SLUG, Nylon (Included In Seal Kit)	1
13	713669	KIT, Seal Major (Includes Wear Rings) 20 and 25 Yard	1
	NSS	KIT, Seal Major (Includes Wear Rings) 29 Yard	1
	724407	KIT, Seal Major (Includes Wear Rings) 31 Yard	1
	NSS	KIT, Seal Major (Includes Wear Rings) 33 Yard	1
14	NSS	RING, Retaining 1st Sleeve 31 and 33 Yard	1
	NSS	RING, Retaining 1st Sleeve 20 and 25 Yard	1
		2nd Sleeve 31 and 33 Yard	
	NSS	RING, Retaining 2nd Sleeve 20 and 25 Yard	1
		3rd Sleeve 31 and 33 Yard	
	NSS	RING, Retaining Case 20 and 25 Yard	1
		4th Sleeve 31 and 33 Yard	
15	NSS	KIT, Gland Seal	1
	718909	ASSEMBLY, Cylinder 20 Yard	1
	718878	ASSEMBLY, Cylinder 25 Yard	1
	764678	ASSEMBLY, Cylinder 29 Yard	1
	718876	ASSEMBLY, Cylinder 31 Yard	1
	718912	ASSEMBLY, Cylinder 33 Yard	1

TELESCOPIC PUSH OUT CYLINDER - Horizontal

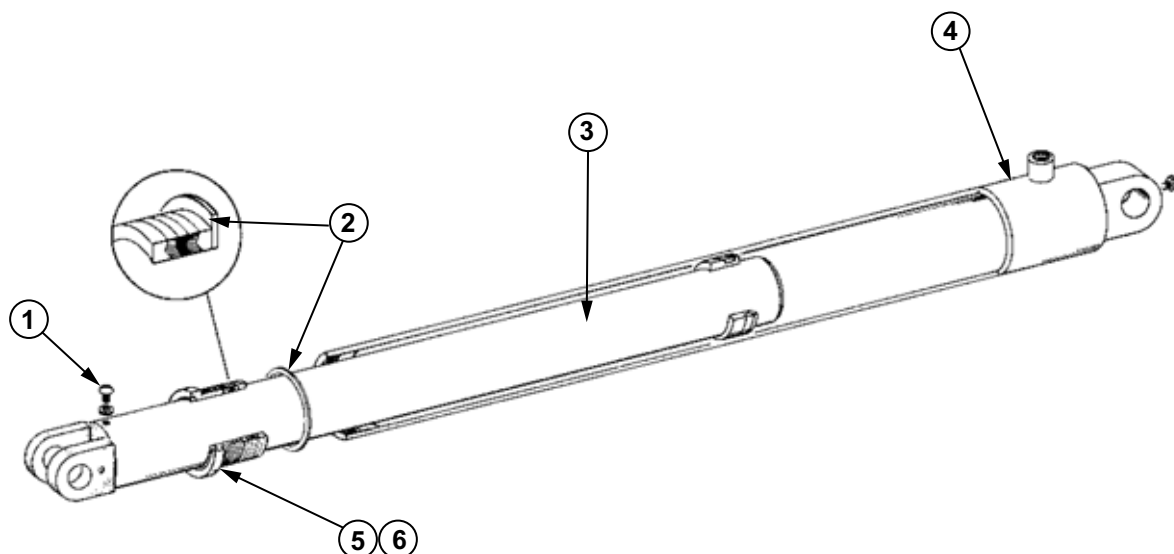


TELESCOPIC PUSH OUT CYLINDER - Horizontal

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	100476	RING, Guide 1st Stage 9"	1
	100478	RING, Guide 2nd Stage 8"	1
	100483	RING, Guide 3rd Stage 7"	1
	100486	RING, Guide 4th Stage 6"	1
	100490	RING, Guide 5th Stage 5"	1
	100494	RING, Guide 6th Stage 4"	1
2	100477	RING, Piston 1st Stage 9"	1
	100479	RING, Piston 2nd Stage 8"	1
	100482	RING, Piston 3rd Stage 7"	1
	100487	RING, Piston 4th Stage 6"	1
	100491	RING, Piston 5th Stage 5"	1
	100495	RING, Piston 6th Stage 4"	1
3	100480	RING, Retaining 1st Stage 9"	1
	100484	RING, Retaining 2nd Stage 8"	1
	100488	RING, Retaining 3rd Stage 7"	1
	100492	RING, Retaining 4th Stage 6"	1
	100496	RING, Retaining 5th Stage 5"	1
	100498	RING, Retaining 6th Stage 4"	1
4	100481	NUT, Gland 1st Stage 9"	1
	100485	NUT, Gland 2nd Stage 8"	1
	100489	NUT, Gland 3rd Stage 7"	1
	100493	NUT, Gland 4th Stage 6"	1
	100497	NUT, Gland 5th Stage 5"	1
	100499	NUT, Gland 6th Stage 4"	1
5	100503	SLUG, Nylon	6
6	100500	SCREW, Set	6
7	100463	KIT, Packing 1st Stage 9"	1
	100465	KIT, Packing 2nd Stage 8"	1
	100467	KIT, Packing 3rd Stage 7"	1
	100469	KIT, Packing 4th Stage 6"	1
	100471	KIT, Packing 5th Stage 5"	1
	100473	KIT, Packing 6th Stage 4"	1
8	100502	PLUNGER, 25 Yard	1
	100474	PLUNGER, 31 Yard	1
9	39618	BEARING, Rod End and Case End	2
10	100557	ELBOW	1
11	100472	PLUNGER, 5th Stage	1
12	100470	PLUNGER, 4th Stage	1
13	100468	PLUNGER, 3rd Stage	1
14	100466	PLUNGER, 2nd Stage	1
15	100464	PLUNGER, 1st Stage	1
16	100462	CASE	1
	41296	ASSEMBLY, Cylinder 25 Yard (Before S/N 40000)	1
	718914	ASSEMBLY, Cylinder 25 Yard (After S/N 39999) NOTE: For individual components of cylinder 718914, contact Leach Customer Service Department. DO NOT USE ABOVE PART NUMBERS	1
	39726	ASSEMBLY, Cylinder 31 Yard	1

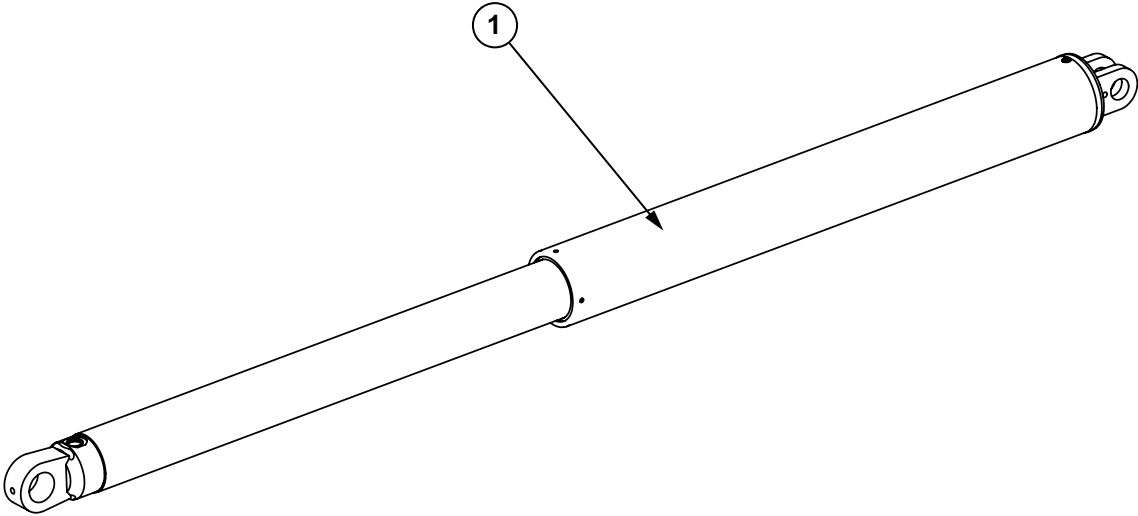
SECTION 7

TAILGATE LIFT CYLINDER Before S/N 21230



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	922034	KIT, Bleeder and Gasket	1
2	108969	RETAINING RING, Internal	1
3	108844	PLUNGER	1
4	108843	BARREL (Before Serial Number 16790)	1
	701508	BARREL (After Serial Number 16789)	1
5	108845	GLAND	1
6	108970	SCREW, Set	1
	108842	KIT, Seal	1
	108848	TOOL, Feeder (Not Shown)	1
	210629	ASSEMBLY, Cylinder (Before Serial Number 16790)	2
		NOTE: If original cylinder 210629 has been modified to accept the 701845 restrictor pin, replace with 701479 cylinder	
	701479	ASSEMBLY, Cylinder (After Serial Number 16789)	2
		NOTE: Reference technical service advisory TSA-02-R03 for tailgate lift cylinder change information	

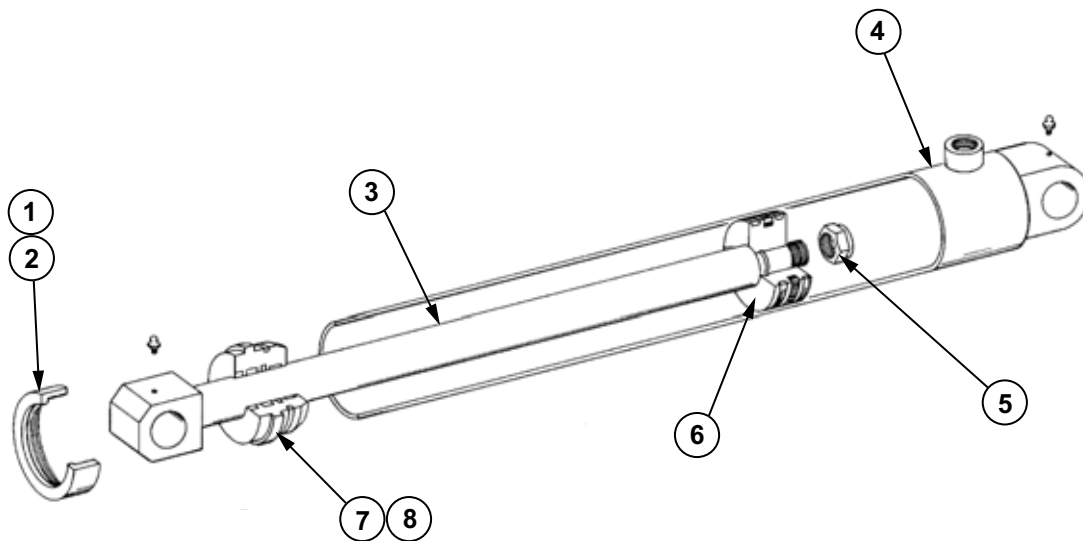
TAILGATE LIFT CYLINDER After S/N 21229



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	709174	ASSEMBLY, Cylinder	2
	713832	KIT, Seal	1
		NOTE: No additional piece parts are available for this cylinder at this time. Please contact Leach Customer Service for additional information.	

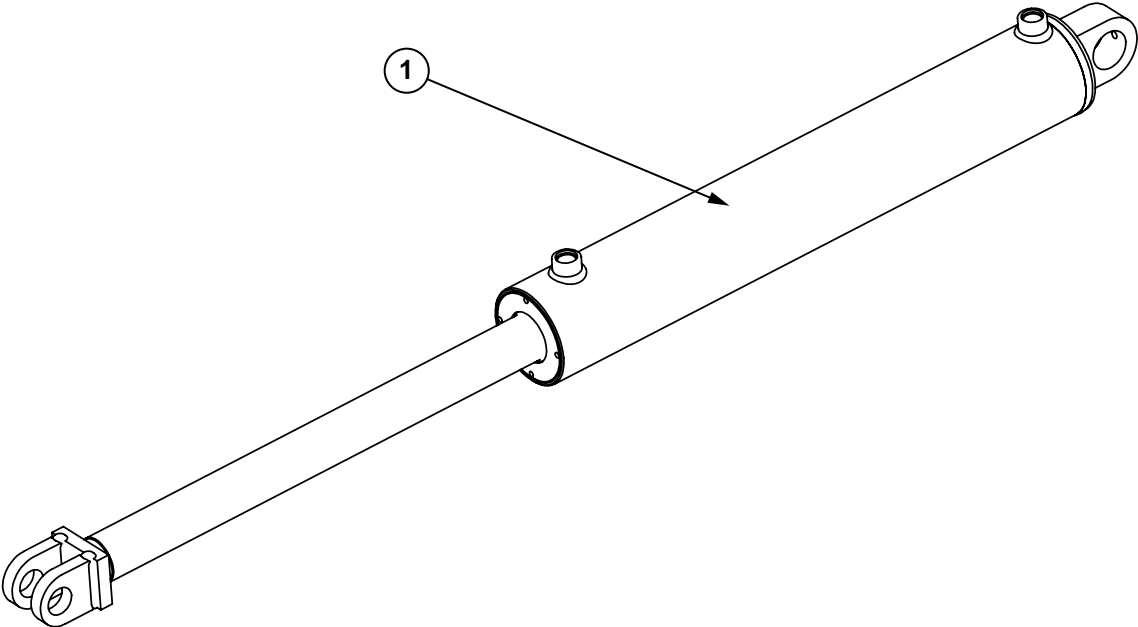
SECTION 7

CONTAINER DUMPING (HCA) CYLINDER Standard and With Tipper Before S/N 21287



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	109015	NUT, Gland	1
2	F4725	SCREW, Set	1
3	109013	ROD	1
4	108843	BARREL	1
5	F4079	NUT, Nylock 1 1/2"	1
6	109016	PISTON	1
7	109014	HEAD, Gland	1
8	108955	RING, Retaining	1
	109030	KIT, Seal	1
	407028	ASSEMBLY, Cylinder	1

CONTAINER DUMPING (HCA) CYLINDER Standard and With Tippers After S/N 21286

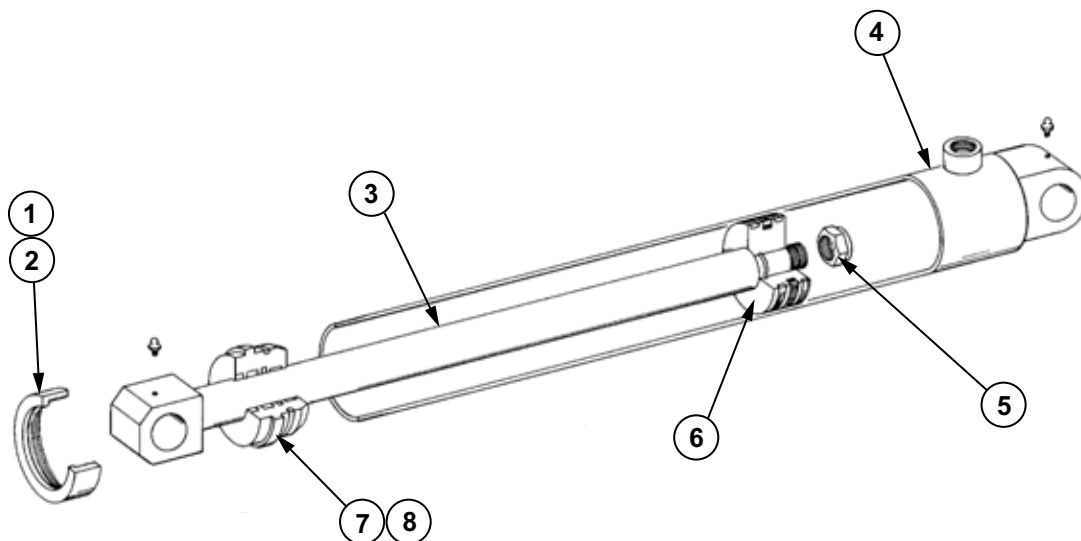


REF. NO.	PART NO.	DESCRIPTION	QTY.
1	715106	ASSEMBLY, Cylinder	1
	715130	KIT, Seal NOTE: No additional piece parts are available for this cylinder at this time. Please contact Leach Customer Service for additional information	1

SECTION 7

CONTAINER DUMPING (HCA) CYLINDER - 605252

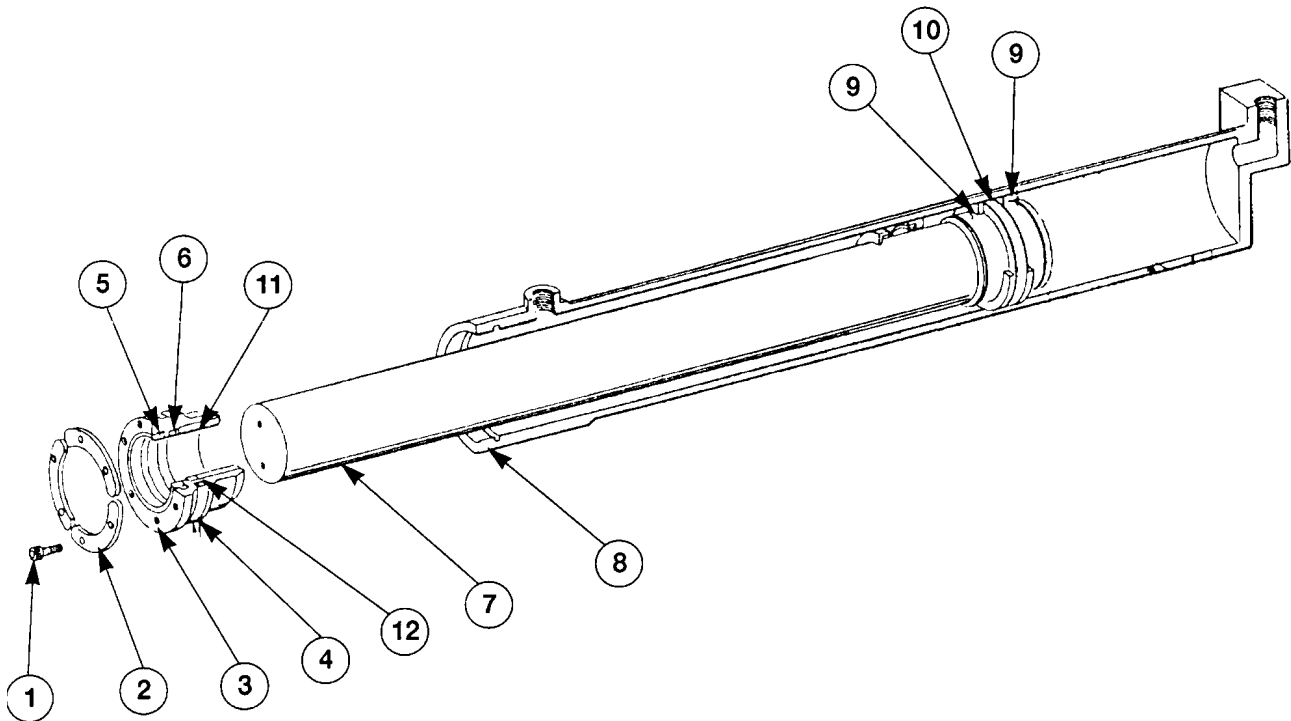
Units With Tag Axle



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	109015	NUT, Gland	1
2	F4725	SCREW, Set	1
3	NSS	ROD	1
4	NSS	BARREL	1
5	F4079	NUT, Nylock 1 1/2"	1
6	109016	PISTON	1
7	NSS	HEAD, Gland	1
8	108955	RING, Retaining	1
	109030	KIT, Seal	1
	605252	ASSEMBLY, Cylinder	1

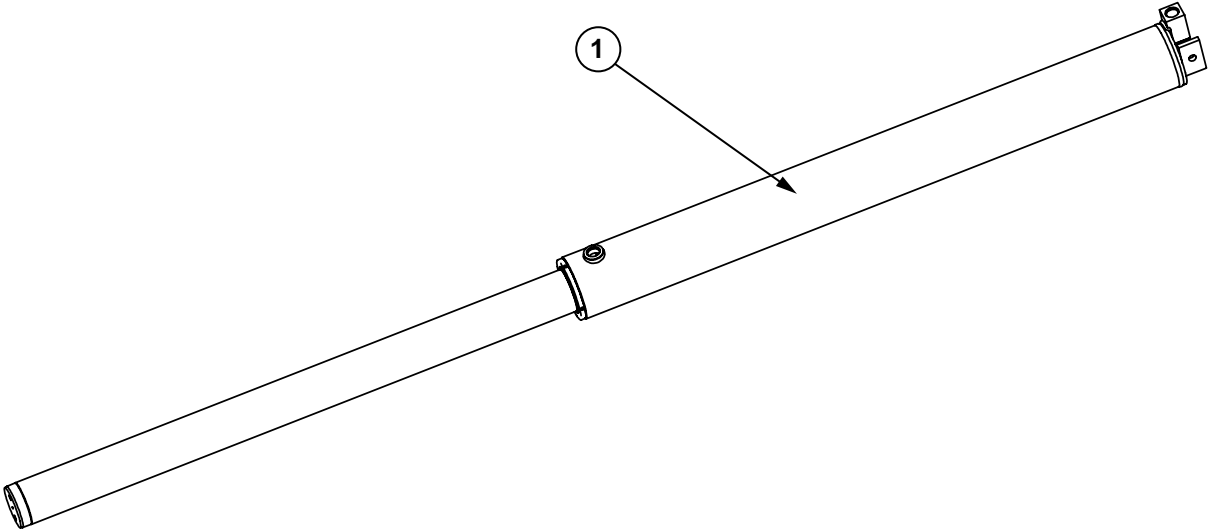
SECTION 7

CONTAINER LIFTING DEVICE CYLINDER - 406582 Before S/N 21267



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	F5925	CAPSCREW, Socket Head Nylock	6
2	PO-2295	SEGMENT, Lock	3
3	305167	HEAD, Gland	1
4	16155	O-RING, Head OD	1
5	107045	WIPER, Rod	1
6	106991	SEAL, Rod	1
7	405800	ROD, Piston	1
8	405925	CASE, Cylinder Weldment	1
9	106990	RING, Wear	2
10	106992	SEAL, Piston	1
11	106994	RING, Wear	1
12	107089	RING, Back Up	1
	107854	KIT, Repair (Includes Items 1, 4-6 and 9-12)	1
	406582	ASSEMBLY, Cylinder	1

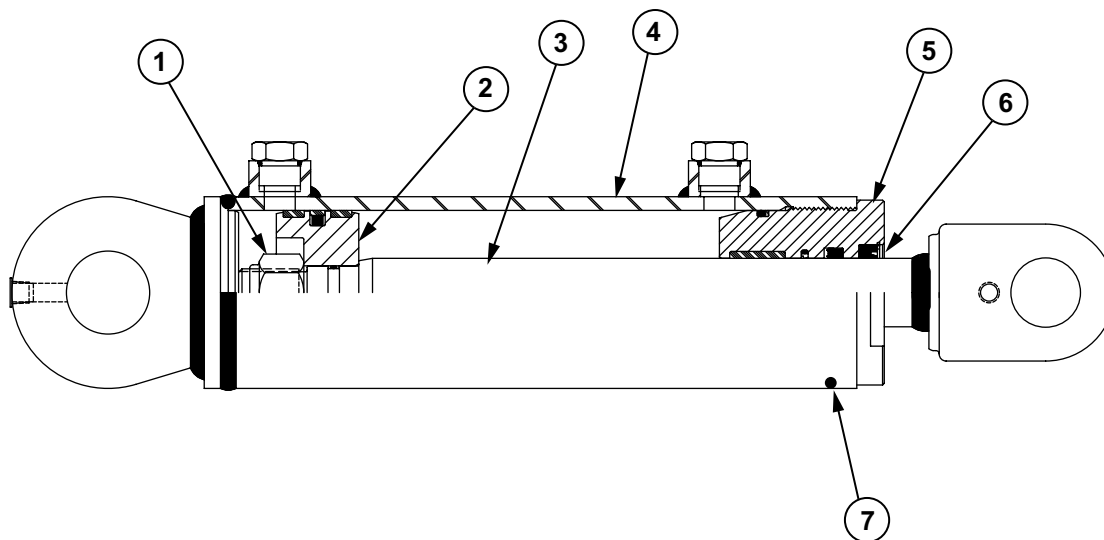
CONTAINER LIFTING DEVICE CYLINDER - 713767
After S/N 21266



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	713767	ASSEMBLY, Cylinder	1
	713926	KIT, Seal NOTE: No additional piece parts are available for this cylinder at this time. Please contact Leach Customer Service for additional information.	1

SECTION 7

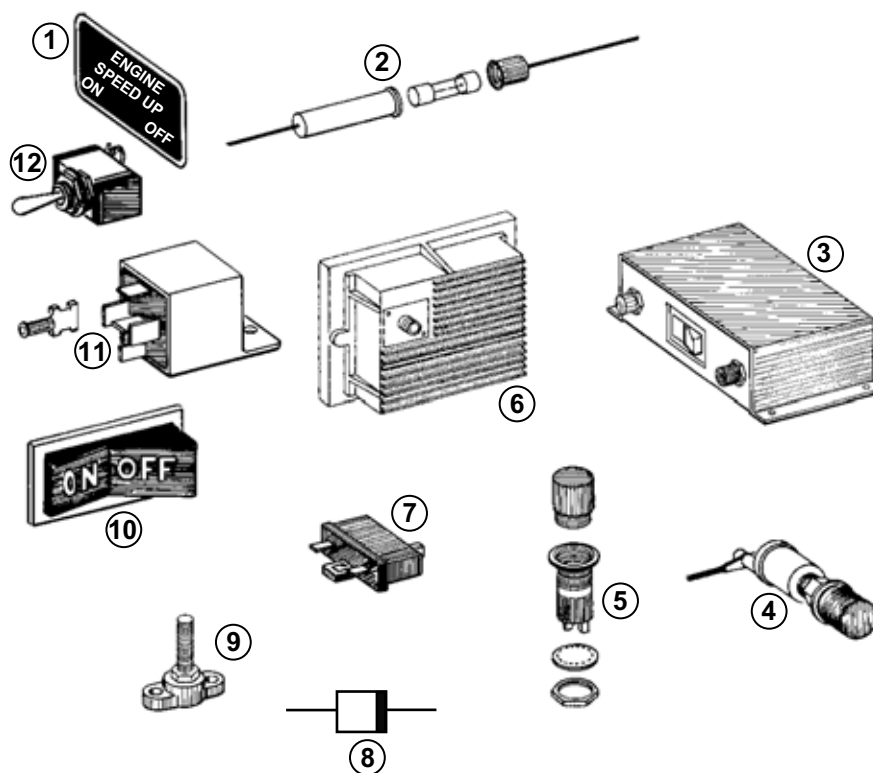
AUTO TAILGATE LATCH CYLINDER



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	NSS	NUT, Nylock 5/8"	1
2	NSS	PISTON	1
3	NSS	ROD	1
4	NSS	BARREL	1
5	NSS	HEAD, Gland	1
6	108940	RING, Retaining (Before S/N 40000)	1
7	F4650	SCREW, Set (Before S/N 40000)	1
	602799	KIT, Seal (Before S/N 40000)	1
	306845	ASSEMBLY, Cylinder (Before S/N 40000)	1
	716916	ASSEMBLY, Cylinder (After S/N 39999)	1

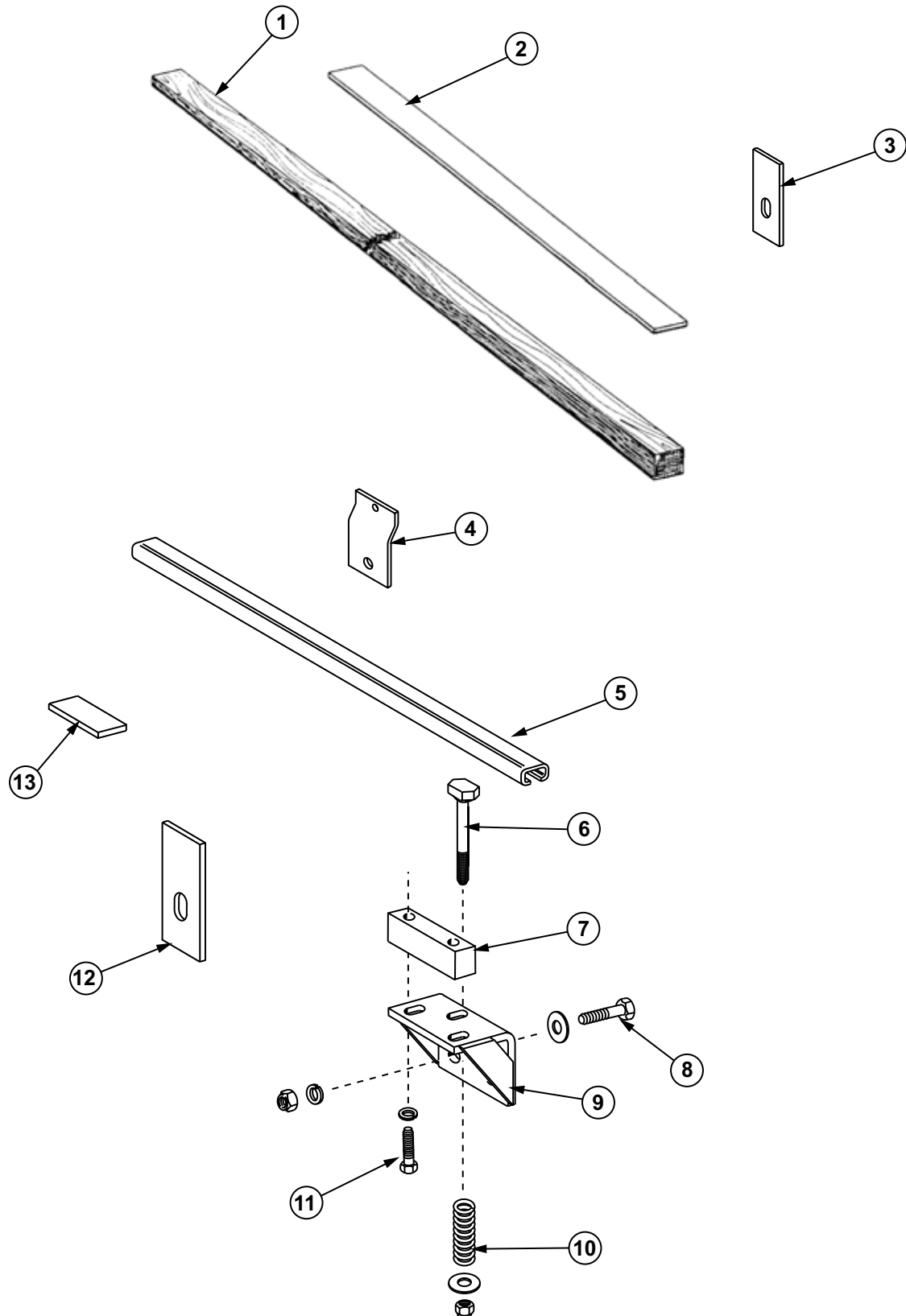
SECTION 8

ELECTRICAL COMPONENTS



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	109059-01	DECAL, Engine Speed Up (Dashboard)	1
2	35865	HOLDER, Fuse (Glass Type Fuse)	1
	103157	HOLDER, Fuse (Spade Type Fuse)	1
3	100527	CONTROL, PTO/Overspeed (Chelsea)	1
4	33179	BUTTON, Speed Up	1
5	604802	LIGHT, Tailgate Ajar	1
6	103050	SWITCH, Overspeed (Muncie)	1
7	SK-2093	BUZZER	1
	604863	BUZZER, Dual Rate	1
8	604962	DIODE, 10 Amp (For Tailgate Ajar)	1
9	104372	BLOCK, Insulated Terminal	1
10	378881	SWITCH, Rocer	1
11	102118	RELAY	AR
12	SK-2092	SWITCH, Toggle (Black)	1
	604799	SWITCH, Toggle (Green)	1
	604798	SWITCH, Toggle (Amber)	1

MOUNTING HARDWARE



MOUNTING HARDWARE

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	604793	SILL, Wood 3 1/2" to 1" Taper 20 and 25 Yard	2
	604794	SILL, Wood 3 1/2" to 1" Taper 31 and 33 Yard	2
2	108915-06	SILL, Steel 1/2" x 4" x 157" 20 Yard	2
	108915-07	SILL, Steel 1/2" x 4" x 178" 25 Yard	2
	108915-08	SILL, Steel 1/2" x 4" x 224" 31 Yard	2
	108915-09	SILL, Steel 1/2" x 4" x 236" 33 Yard	2
3	107417	RETAINER, Sill (Used With Steel Sills)	AR
	F1425	CAPSCREW, 5/8" x 2 1/4"	AR
	F3500	NUT, 5/8"	AR
4	605858	RETAINER, Sill (Used With Wood Sills)	AR
	F1425	CAPSCREW, 5/8" x 2 1/4"	AR
	F3500	NUT, 5/8"	AR
	F7430	WASHER, Hardened	AR
	F5350	BOLT, Carriage 3/8" x 4"	AR
	F2975	NUT, 3/8"	AR
	F7250	WASHER, 3/8" Flat	AR
	F7875	WASHER, 3/8" Lock	AR
5	602416	RAIL, Mounting	2
6	603736	T-BOLT	2
	F3720	NUT, Lock 3/4"	2
	F7475	WASHER, Flat 3/4"	2
7	603826	RESTRAINT, Lateral	2
8	F1790	BOLT, 3/4" x 2 1/2" Grade 8	4
	F3715	NUT, 3/4" Grade 8	4
	F7475	WASHER, Flat 3/4"	4
	F8075	WASHER, Lock 3/4"	4
9	604531	BRACKET, Body Mounting	2
10	16107	SPRING, Mounting	2
11	F1382	BOLT, 5/8" x 1 3/4" Grade 8	4
	F7430	WASHER, Hardened	4
	F8050	WASHER, Lock 5/8"	4
12	203057	SHIM, Rear Mounting 1/8"	AR
	16286	SHIM, Rear Mounting 1/4"	AR
	16285	SHIM, Rear Mounting 3/8"	AR
	16287	SHIM, Rear Mounting 1/2"	AR
	16288	SHIM, Rear Mounting 5/8"	AR
	16289	SHIM, Rear Mounting 3/4"	AR
13	36844	SHIM	2
	40205	BOLT, Shoulder 1" Long (Rear Mount, Not Shown)	2
	2R-1658	BOLT, Shoulder 1 1/4" Long (Rear Mount, Not Shown)	2
	39939	BOLT, Shoulder 1 1/2" Long (Rear Mount, Not Shown)	2
	42026	BOLT, Shoulder 2" Long (Rear Mount, Not Shown)	2
	39966	WASHER, 1/4" Thick (Rear Mount, Not Shown)	2
	41412	WASHER, 3/8" Thick (Rear Mount, Not Shown)	2
	100100	NUT, Nylock 1" (Rear Mount, Not Shown)	2

SECTION 8

SPEED UP (CHASSIS WITH ELECTRONIC ENGINES)

Because of the numerous variations of electronic speed up control circuits, please contact the Leach Customer Service Department with the following information when inquiring about electronic speed up control parts:

BODY MAKE AND SERIAL NUMBER

CHASSIS MAKE AND MODEL

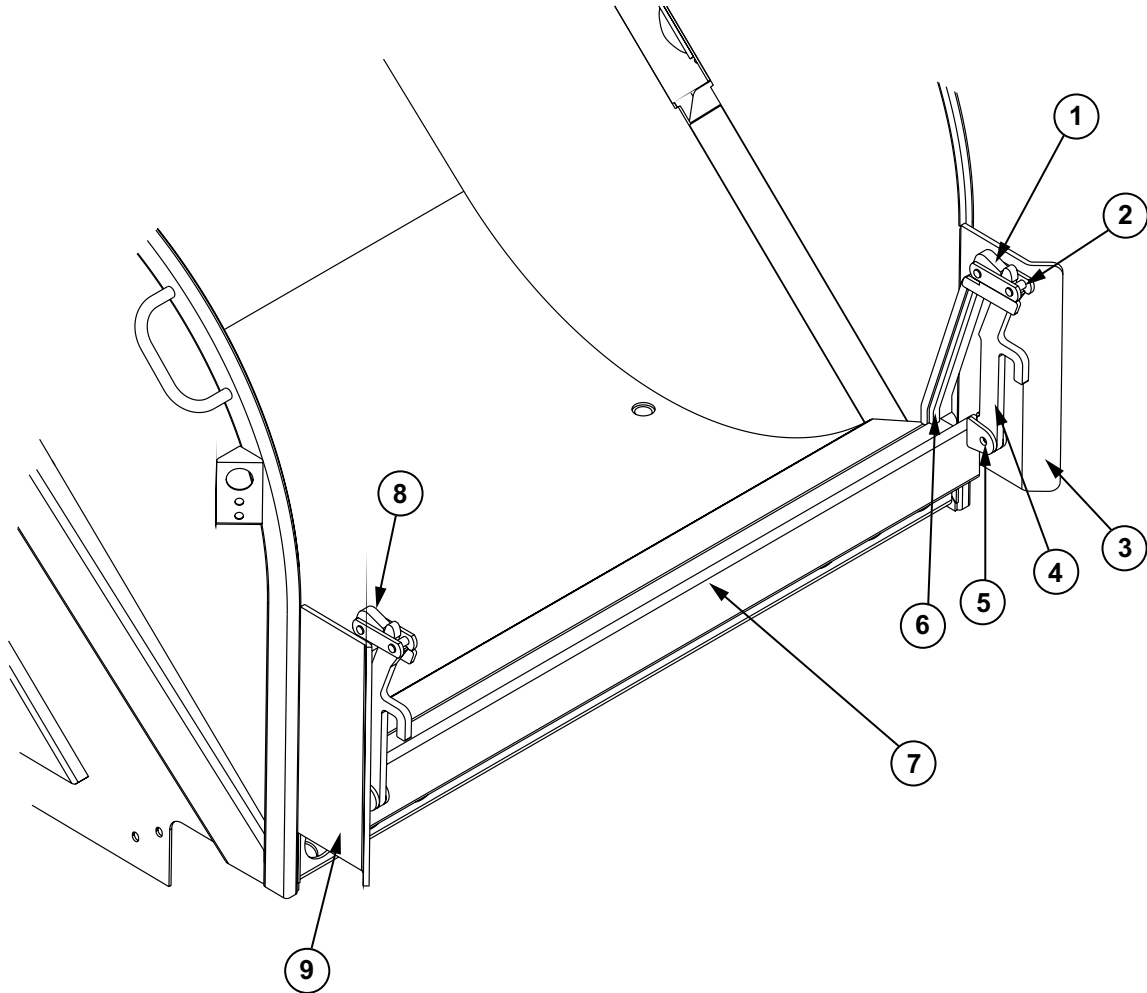
ENGINE MAKE AND MODEL

TRANSMISSION MAKE AND MODEL



SECTION 9

LATCH AND GUIDE EAR ASSEMBLY - Standard

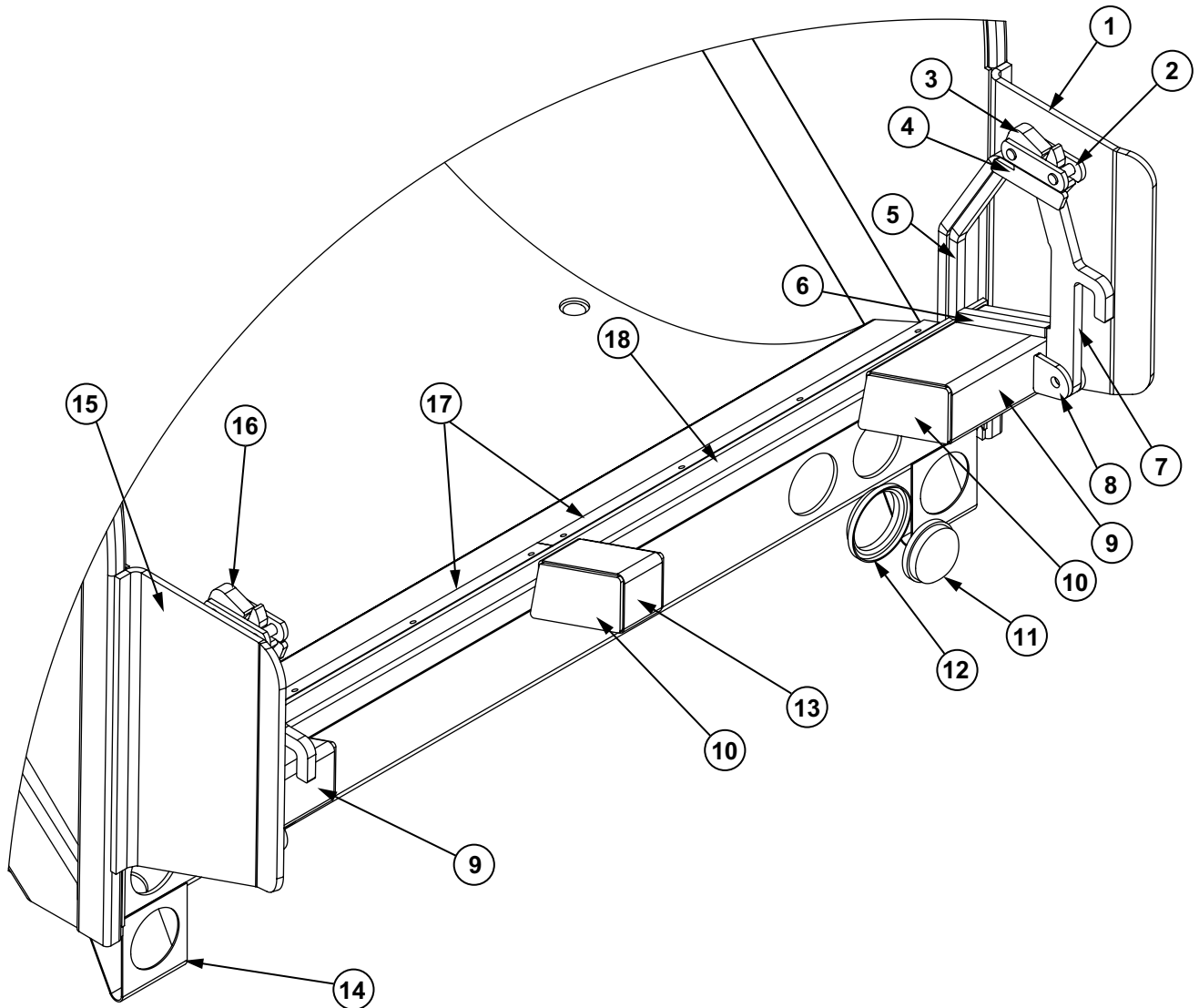


LATCH AND GUIDE EAR ASSEMBLY - Standard

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	602232	WELDMENT, Trunnion Guide RH (Includes Items 2 and 6) (Before Serial Number 16915)	1
	701755	WELDMENT, Trunnion Guide RH (Includes Items 2 and 6) (After Serial Number 16914)	1
2	211211	WELDMENT, Link and Pin	2
	15016	PIN, Link	2
	108669	PLUNGER, Spring	2
3	700036	GUIDE EAR (Before Serial Number 16915)	1
	701686	GUIDE EAR (After Serial Number 16914)	1
4	700035	ARM, Latch (Before Serial Number 16915)	2
	701762	ARM, Latch (After Serial Number 16914)	2
5	601376	PIVOT, Latch Arm (Before Serial Number 16915)	4
	F1750	CAPSCREW, 3/4" x 2 1/2"	2
	F3730	NUT, Lock 3/4"	2
	602220	PIVOT, Latch Arm (After Serial Number 16914)	4
	F1750	CAPSCREW, 3/4" x 2 1/2"	2
	F3730	NUT, Lock 3/4"	2
6	700523	STRIP, Wear	2
7	700522	EXTENSION, Load Edge	1
8	602231	WELDMENT, Trunnion Guide LH (Includes Items 2 and 6) (Before Serial Number 16915)	1
	701768	WELDMENT, Trunnion Guide LH (Includes Items 2 and 6) (After Serial Number 16914)	1
9	700036	GUIDE EAR (Before Serial Number 16915)	1
	701686	GUIDE EAR (After Serial Number 16914)	1
	910082	KIT, Latch and Ear Standard	1

SECTION 9

LATCH AND EAR ASSEMBLY - With Dual Tippers Before S/N 40224



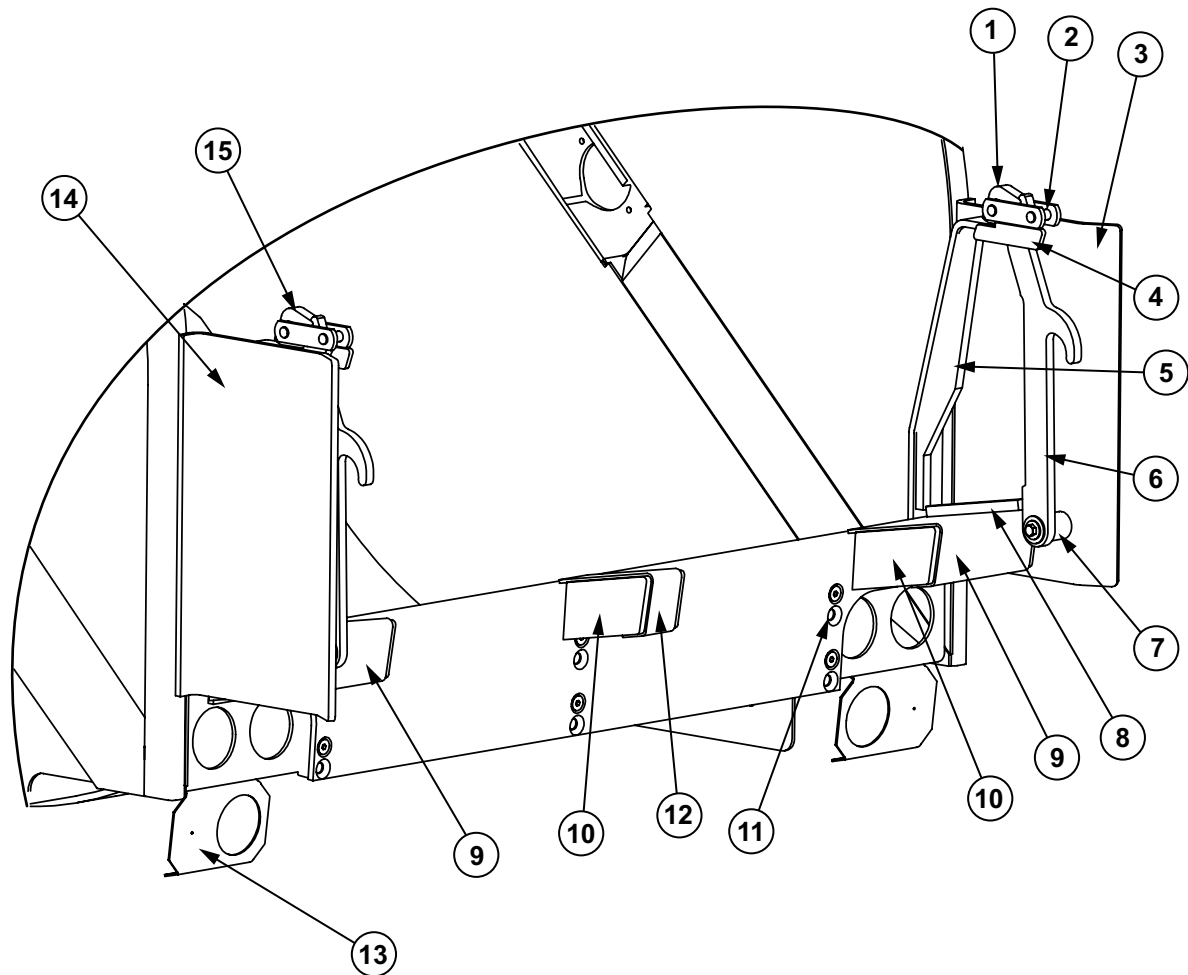
LATCH AND EAR ASSEMBLY - With Dual Tipplers

Before S/N 40224

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	606215	GUIDE EAR, RH (Before Serial Number 20034)	1
	701686	GUIDE EAR, RH (Serial Number 20034 - 40223)	1
2	211211	WELDMENT, Pin and Link	2
	15016	PIN	2
	108669	PLUNGER, Spring	2
3	606218	WELDMENT, Trunnion Guide RH (Includes Items 2, 4 and 5) (Before Serial Number 20034)	1
	701685	WELDMENT, Trunnion Guide RH (Includes Items 2, 4 and 5) (Serial Number 20034 - 40223)	1
4	211331	GUARD, Hasp Stop	2
5	700641	STRIP, Wear (Before Serial Number 20034)	2
	701683	STRIP, Wear (Serial Number 20034 - 40223)	2
6	700640	SUPPORT, Trunnion (Before Serial Number 20034)	2
	701705	SUPPORT, Trunnion (Serial Number 20034 - 40223)	2
7	700651	ARM, Latch (Before Serial Number 20034)	2
	701691	ARM, Latch (Serial Number 20034 - 40223)	2
8	602220	PIVOT EAR, Latch Arm	4
	F1750	CAPSCREW, 3/4" x 2 1/2"	2
	F3730	NUT, Lock 3/4"	2
9	601374	EXTENSION, Load Sill Short (Before Serial Number 20034)	2
	701741	EXTENSION, Load Sill Short (Serial Number 20034 - 40223)	2
10	606214	CAP, End (Before Serial Number 20034)	4
	701707	CAP, End (Serial Number 20034 - 40223)	4
11	606301	REFLECTOR, Grommet Mounted	2
12	40620	GROMMET	2
13	601253	EXTENSION, Load Sill 4" (Before Serial Number 20034)	1
	702484	EXTENSION, Load Sill 4" (Serial Number 20034 - 40223)	1
14	700243	BRACKET, Light (Before Serial Number 20034)	2
	702486	BRACKET, Light (Serial Number 20034 - 40223)	2
15	606216	GUIDE EAR, LH (Before Serial Number 20034)	1
	701686	GUIDE EAR, LH (Serial Number 20034 - 40223)	1
16	606219	WELDMENT, Trunnion Guide LH (Includes Items 2, 4 and 5) (Before Serial Number 20034)	1
	701700	WELDMENT, Trunnion Guide LH (Includes Items 2, 4 and 5) (Serial Number 20034 - 40223)	1
17	606172	BRACKET, Tipper Shield	2
18	606165	BAR, Retainer	1

SECTION 9

LATCH AND EAR ASSEMBLY - With Dual Tippers After S/N 40223



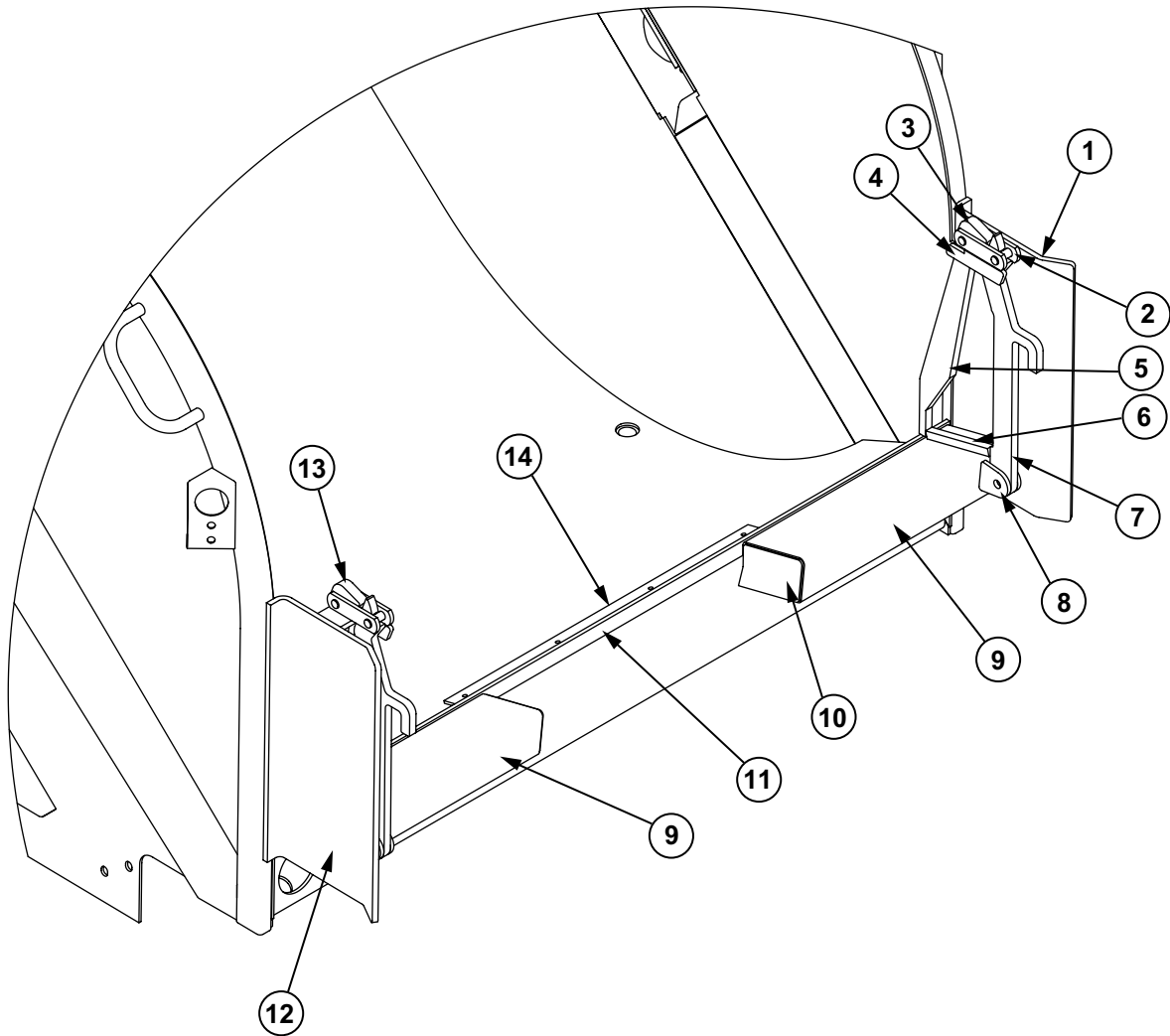
LATCH AND EAR ASSEMBLY - With Dual Tipplers

After S/N 40223

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	707544	WELDMENT, Trunnion Guide RH (Includes Items 2, 4 and 5)	1
2	211211	WELDMENT, Pin and Link	2
	15016	PIN	2
	108669	PLUNGER, Spring	2
3	707411	GUIDE EAR, RH	1
4	211331	GUARD, Hasp Stop	2
5	707427	STRIP, Wear	2
6	707388	ARM, Latch	2
7	707398	PIVOT, Latch Arm	2
	41876	WASHER, Flat 1"	2
	F7350	WASHER, Flat 1/2"	2
	F0981	CAPSCREW, 1/2" - 13 x 1 1/2"	2
8	707362	SUPPORT, Trunnion	2
9	707357	EXTENSION, Load Sill	2
10	707360	CAP, End	4
11	707356	BAR, Tapped	3
	707700	SEAL, Long (Not Shown)	2
	707703	SEAL, Short (Not Shown)	2
	F6325	CAPSCREW, 5/8" - 11 x 1 1/4"	6
12	707358	EXTENSION, Load Sill	1
13	702486	BRACKET, Light	2
	606301	REFLECTOR, Grommet Mounted	2
	40620	GROMMET	2
14	707411	GUIDE EAR, LH	1
15	707543	WELDMENT, Trunnion Guide RH (Includes Items 2, 4 and 5)	1

SECTION 9

LATCH AND EAR ASSEMBLY - With Center Mount Tipper Before S/N 21091

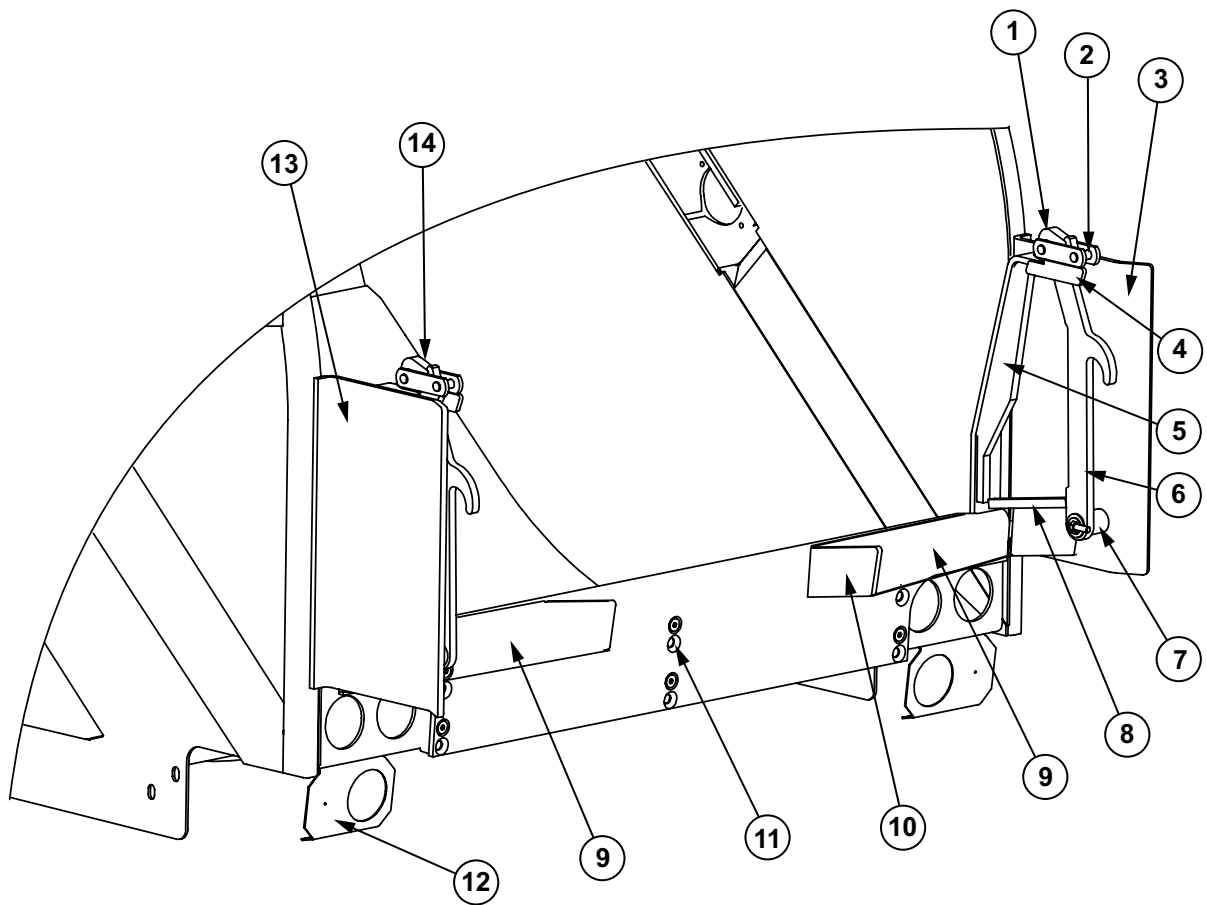


LATCH AND EAR ASSEMBLY - With Center Mount Tippers Before S/N 21091

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	606215	GUIDE EAR, RH (Before Serial Number 20000)	1
	701686	GUIDE EAR, RH (Serial Number 20000 - 21090)	1
2	211211	WELDMENT, Pin and Link	2
	15016	PIN	2
	108669	PLUNGER, Spring	2
3	606218	WELDMENT, Trunnion Guide RH (Includes Items 2, 4 and 5) (Before Serial Number 20000)	1
	701685	WELDMENT, Trunnion Guide RH (Includes Items 2, 4 and 5) (Serial Number 20000 - 21090)	1
4	211331	GUARD, Hasp Stop	2
5	700641	STRIP, Wear (Before Serial Number 20000)	2
	701683	STRIP, Wear (Serial Number 20000 - 21090)	2
6	700640	SUPPORT, Trunnion (Before Serial Number 20000)	2
	701705	SUPPORT, Trunnion (Serial Number 20000 - 21090)	2
7	700651	ARM, Latch (Before Serial Number 20000)	2
	701691	ARM, Latch (Serial Number 20000 - 21090)	2
8	602220	PIVOT EAR, Latch Arm	4
	F1750	CAPSCREW, 3/4" x 2 1/2"	2
	F3730	NUT, Lock 3/4"	2
9	601398	EXTENSION, Load Sill (Before Serial Number 20000)	2
	701708	EXTENSION, Load Sill (Serial Number 20000 - 21090)	2
10	606214	CAP, End (Before Serial Number 20000)	4
	701707	CAP, End (Serial Number 20000 - 21090)	4
11	606165	BAR, Retainer	1
12	606216	GUIDE EAR, LH (Before Serial Number 20000)	1
	701686	GUIDE EAR, LH (Serial Number 20000 - 21090)	1
13	606219	WELDMENT, Trunnion Guide LH (Includes Items 2, 4 and 5) (Before Serial Number 20000)	1
	701700	WELDMENT, Trunnion Guide LH (Includes Items 2, 4 and 5) (Serial Number 20000 - 21090)	1
14	606172	BRACKET, Tipper Shield	2

SECTION 9

LATCH AND EAR ASSEMBLY - With Center Mount Tippers After S/N 21090

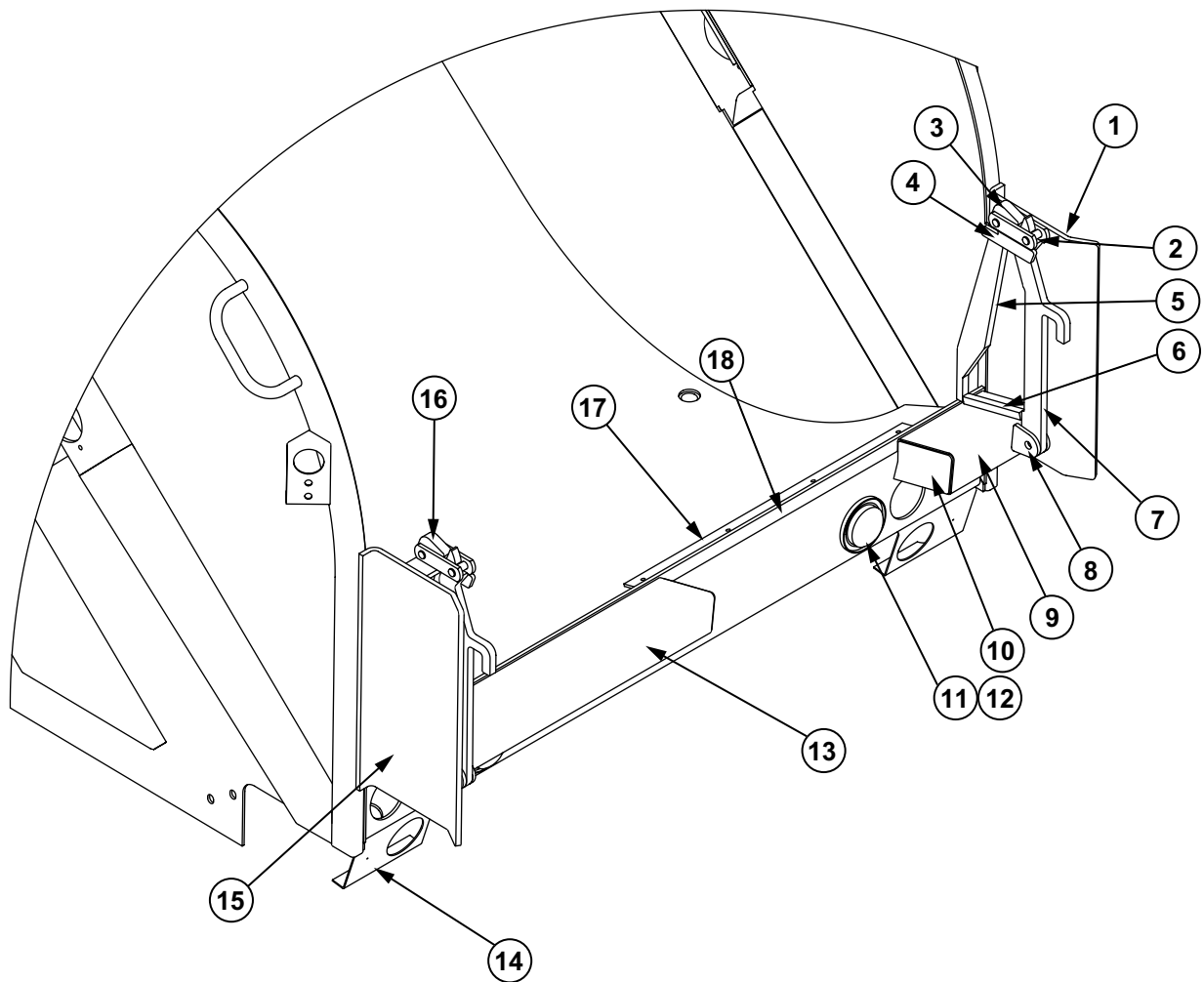


LATCH AND EAR ASSEMBLY - With Center Mount Tippers After S/N 21090

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	707544	WELDMENT, Trunnion Guide RH (Includes Items 2, 4 and 5)	1
2	211211	WELDMENT, Pin and Link	2
	15016	PIN	2
	108669	PLUNGER, Spring	2
3	707411	GUIDE EAR, RH	1
4	211331	GUARD, Hasp Stop	2
5	707427	STRIP, Wear	2
6	707388	ARM, Latch	2
7	707398	PIVOT, Latch Arm	2
	41876	WASHER, Flat 1"	2
	F7350	WASHER, Flat 1/2"	2
	F0981	CAPSCREW, 1/2" - 13 x 1 1/2"	2
8	707362	SUPPORT, Trunnion	2
9	707359	EXTENSION, Load Sill	2
10	707360	CAP, End	2
11	707356	BAR, Tapped	3
	707700	SEAL, Long (Not Shown)	2
	707703	SEAL, Short (Not Shown)	2
	F6325	CAPSCREW, 5/8" - 11 x 1 1/4"	6
12	702486	BRACKET, Light	2
	606301	REFLECTOR, Grommet Mounted	2
	40620	GROMMET	2
13	707411	GUIDE EAR, LH	1
14	707543	WELDMENT, Trunnion Guide LH (Includes Items 2, 4 and 5)	1

SECTION 9

LATCH AND EAR ASSEMBLY - With Right Hand Mount Tipper Before S/N 21011

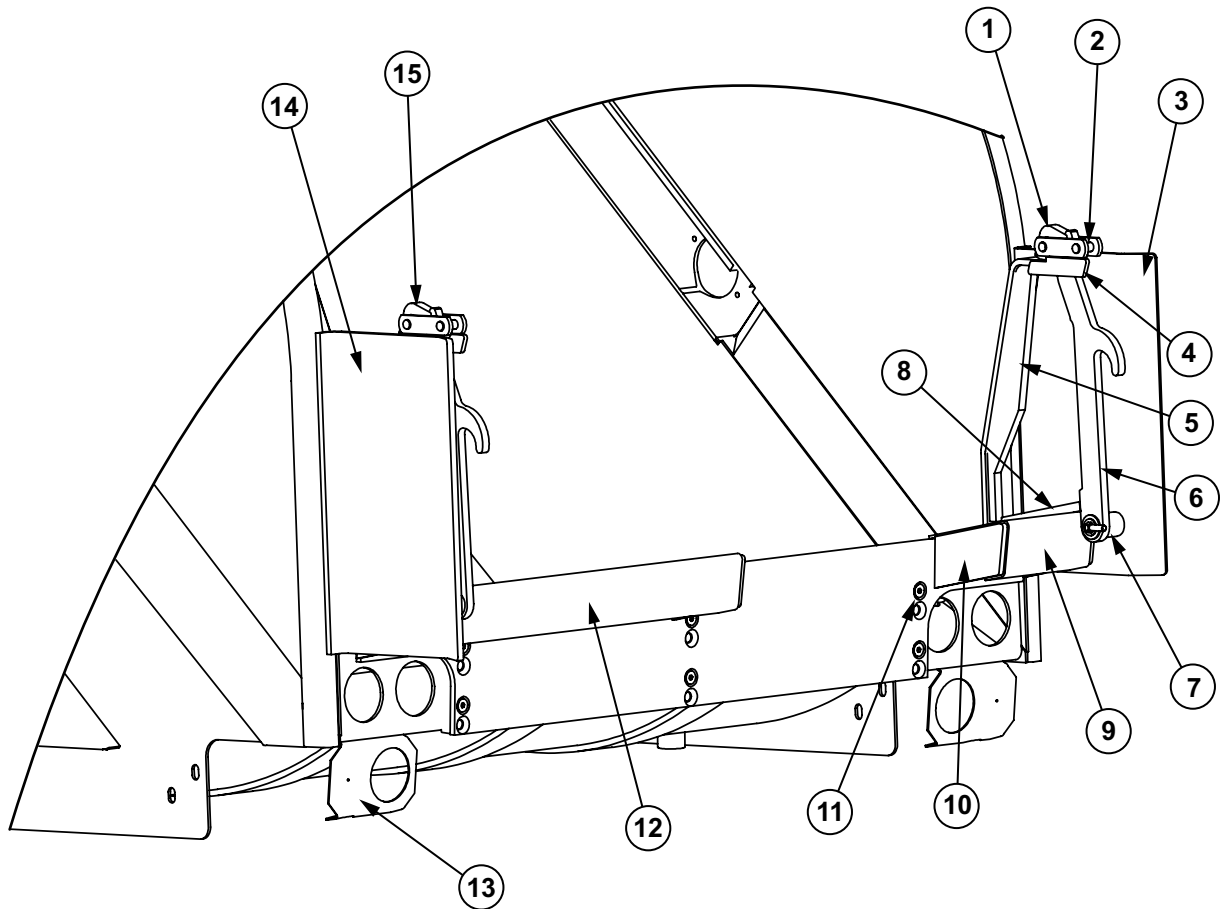


LATCH AND EAR ASSEMBLY - With Right Hand Mount Tipper Before S/N 21011

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	606215	GUIDE EAR, RH (Before Serial Number 20000)	1
	701686	GUIDE EAR, RH (Serial Number 20000 - 21011)	1
2	211211	WELDMENT, Pin and Link	2
	15016	PIN	2
	108669	PLUNGER, Spring	2
3	606218	WELDMENT, Trunnion Guide RH (Includes 2, 4 and 5) (Before Serial Number 20000)	1
	701685	WELDMENT, Trunnion Guide RH (Includes 2, 4 and 5) (Serial Number 20000 - 21011)	1
4	211331	GUARD, Hasp Stop	2
5	700641	STRIP, Wear (Before Serial Number 20000)	2
	701683	STRIP, Wear (Serial Number 20000 - 21011)	2
6	700640	SUPPORT, Trunnion (Before Serial Number 20000)	2
	701705	SUPPORT, Trunnion (Serial Number 20000 - 21011)	2
7	700651	ARM, Latch (Before Serial Number 20000)	2
	701691	ARM, Latch (Serial Number 20000 - 21011)	2
8	602220	EAR, Pivot Latch Arm	4
	F1750	CAPSCREW, 3/4" x 2 1/2"	2
	F3730	NUT, Lock 3/4"	2
9	601374	EXTENSION, Load Sill Short (Before Serial Number 20000)	2
	701741	EXTENSION, Load Sill Short (Serial Number 20000 - 21011)	2
10	606214	CAP, End (Before Serial Number 20000)	4
	701707	CAP, End (Serial Number 20000 - 21011)	4
11	606301	REFLECTOR, Grommet Mounted	2
12	40620	GROMMET	2
13	601399	EXTENSION, Load Sill Long (Before Serial Number 20000)	1
	701742	EXTENSION, Load Sill Long (Serial Number 20000 - 21011)	1
14	700243	BRACKET, Light (Before Serial Number 20000)	2
	702486	BRACKET, Light (Serial Number 20000 - 21011)	2
15	606216	GUIDE EAR, LH (Before Serial Number 20000)	1
	701686	GUIDE EAR, LH (Serial Number 20000 - 21011)	1
16	606219	WELDMENT, Trunnion Guide LH (Includes Items 2, 4 and 5) (Before Serial Number 20000)	1
	701700	WELDMENT, Trunnion Guide LH (Includes Items 2, 4 and 5) (Serial Number 20000 - 21011)	1
17	606172	BRACKET, Tipper Shield	2
18	606165	BAR, Retainer	1

SECTION 9

LATCH AND EAR ASSEMBLY - With Right Hand Mount Tipper After S/N 21010



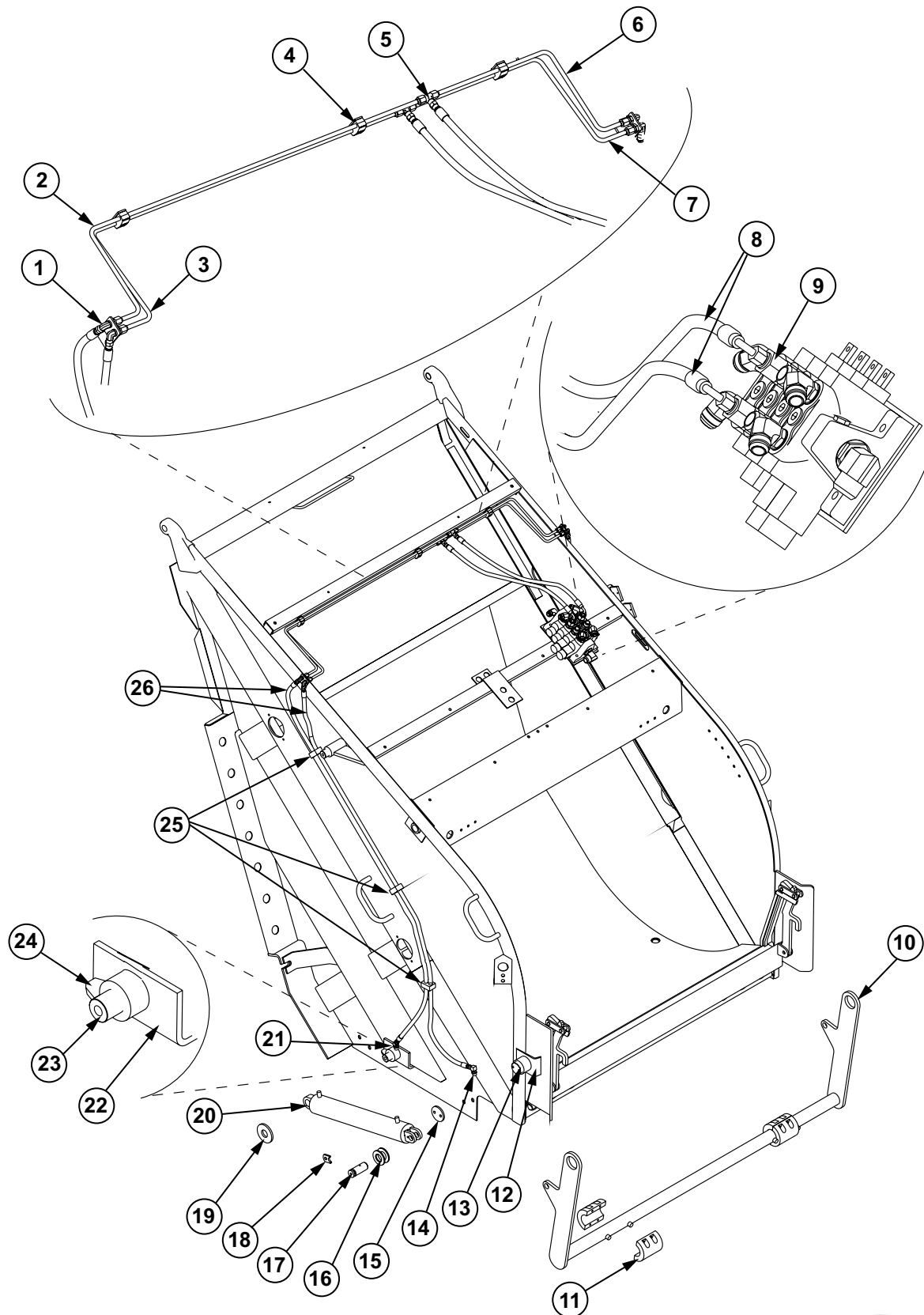
LATCH AND EAR ASSEMBLY - With Right Hand Mount

Tipper After S/N 21010

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	707544	WELDMENT, Trunnion Guide RH (Includes 2, 4 and 5)	1
2	211211	WELDMENT, Pin and Link	2
	15016	PIN	2
	108669	PLUNGER, Spring	2
3	707411	GUIDE EAR, RH	1
4	211331	GUARD, Hasp Stop	2
5	707427	STRIP, Wear	2
6	707388	ARM, Latch	2
7	707398	PIVOT, Latch Arm	2
	41876	WASHER, Flat 1"	2
	F7350	WASHER, Flat 1/2"	2
	F0981	CAPSCREW, 1/2" - 13 x 1 1/2"	2
8	707362	SUPPORT, Trunnion	2
9	707357	EXTENSION, Load Sill Short	1
10	707360	CAP, End	4
11	707356	BAR, Tapped	3
	707700	SEAL, Long (Not Shown)	2
	707703	SEAL, Short (Not Shown)	2
	F6325	CAPSCREW, 5/8" - 11 x 1 1/4"	6
12	707371	EXTENSION, Load Sill Long	1
13	702486	BRACKET, Light	2
	606301	REFLECTOR, Grommet Mounted	2
	40620	GROMMET	2
14	707411	GUIDE EAR, LH	1
15	707543	WELDMENT, Trunnion Guide LH (Includes Items 2, 4 and 5)	1

SECTION 9

HYDRAULIC CONTAINER ATTACHMENT (HCA) Standard and With Tippers



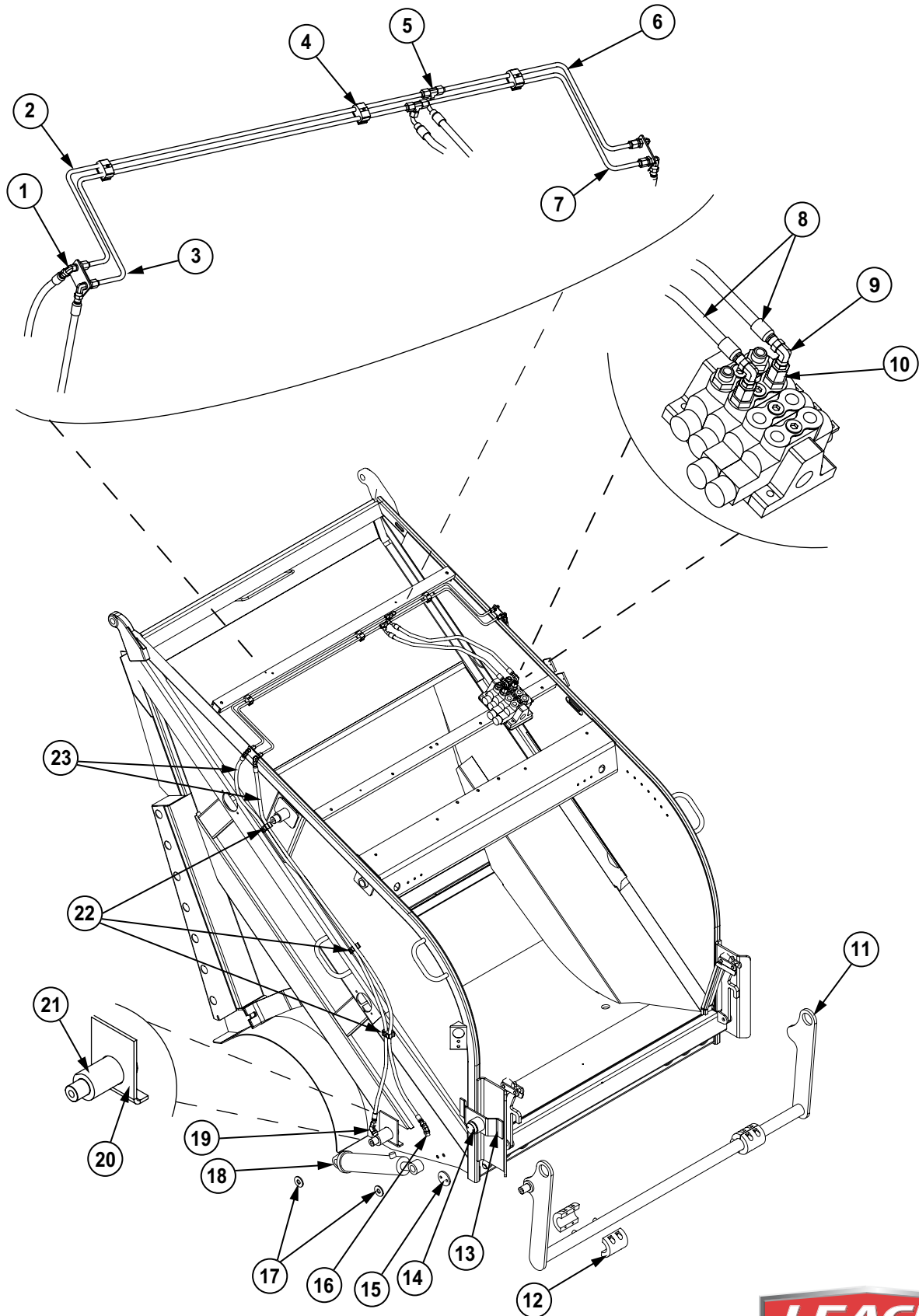
HYDRAULIC CONTAINER ATTACHMENT (HCA)

Standard and With Tippers

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700121	ELBOW, Bulkhead	4
2	700143	ASSEMBLY, Tube	1
3	700251	ASSEMBLY, Tube	1
4	106986	SUPPORT, Tube Twin 1/2"	3
	100267-01	PLATE, Weld	3
5	700144	TEE	2
6	700252	ASSEMBLY, Tube	1
7	700142	ASSEMBLY, Tube	1
8	700253	ASSEMBLY, Hose	2
9	101207	ELBOW	2
	108103	REDUCER	2
	SR-7727-1	TUBE NUT	2
10	700224	WELDMENT, Push Bar and Arms	1
11	604718	ROLLER HALF	4
	F0400	CAPSCREW, 3/8" x 1 3/4"	8
	F7250	WASHER, Flat 3/8"	16
	F3075	NUT, Elastic Stop	8
12	700763	PLATE, Upper Pivot (Before Serial Number 16881)	2
	700218	PLATE, Upper Pivot (After Serial Number 16880)	2
13	700219	PIVOT, Upper	2
	15269	BEARING	2
14	104843	ELBOW (Before Serial Number 16881)	2
	5614-0810	ELBOW (After Serial Number 16880)	2
15	602333	COVER, Pivot	2
	F0950	CAPSCREW, 1/2" x 1 1/4"	4
	F7975	WASHER, Lock 1/2"	4
16	F7675	WASHER, 1 1/4"	4
17	PO-420	PIN	2
18	PO-421	RETAINER, Pin	2
	F0258	CAPSCREW, 3/8" x 3/4"	2
	F7875	WASHER, Lock 3/8"	2
19	PO-205	COVER, Pivot	2
	F1625	CAPSCREW, 3/4" x 1"	2
	F8075	WASHER, Lock 3/4"	2
20	407028	ASSEMBLY, Cylinder (Before Serial Number 40000)	2
	715106	ASSEMBLY, Cylinder (After Serial Number 39999)	2
21	108448	ELBOW, 45 Degree	2
22	700225	PLATE, Bottom Pivot	2
23	700220	PIVOT, Bottom	2
24	700221	GUSSET, Bottom Pivot	2
25	107628	ASSEMBLY, Tube Support .88" Twin	6
26	700254	ASSEMBLY, Hose	4

SECTION 9

HYDRAULIC CONTAINER ATTACHMENT (HCA) Tag Axle



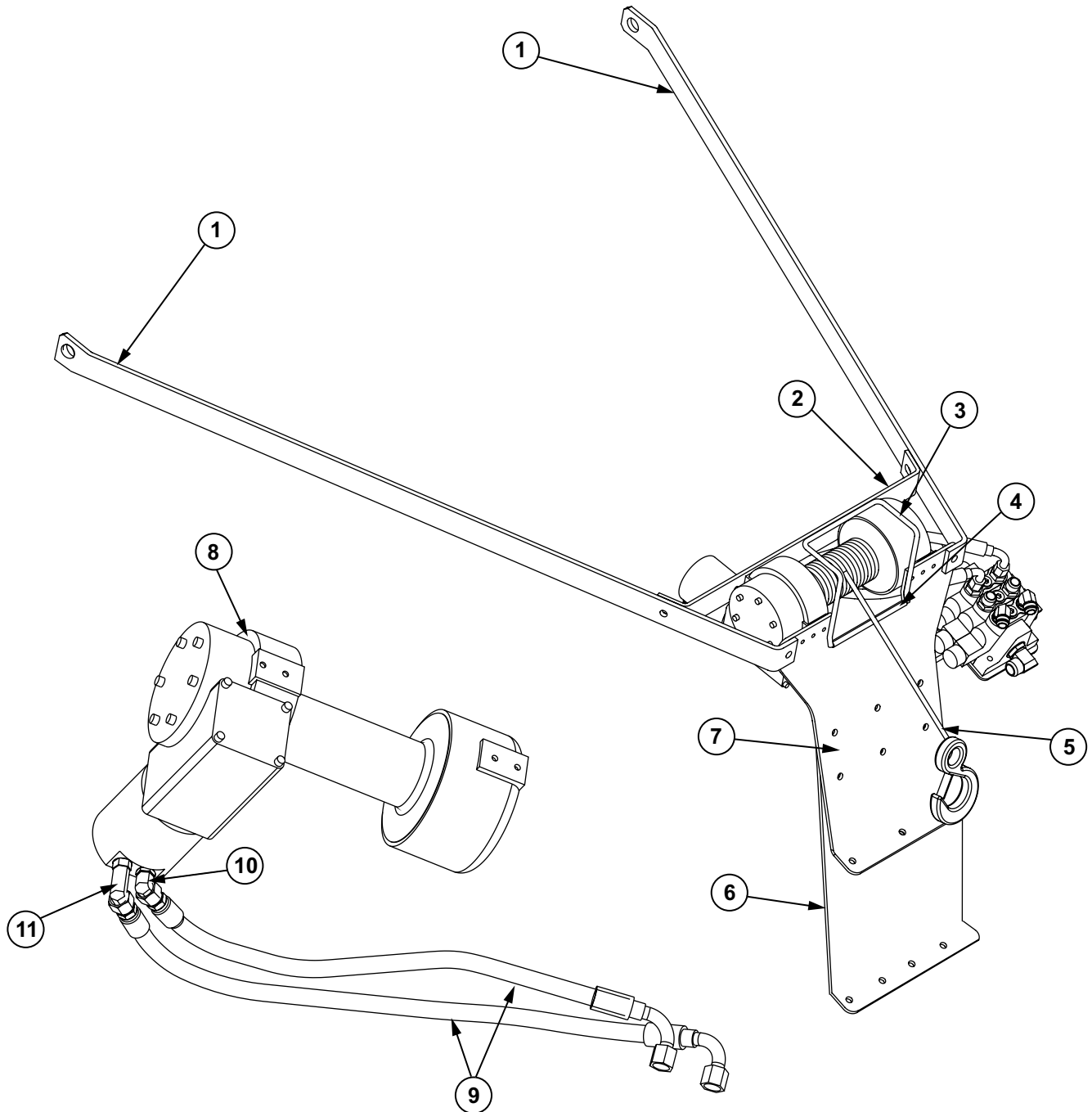
HYDRAULIC CONTAINER ATTACHMENT (HCA)

Tag Axle

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700121	ELBOW, Bulkhead	4
2	700143	ASSEMBLY, Tube	1
3	700251	ASSEMBLY, Tube	1
4	106986	SUPPORT, Tube Twin 1/2"	3
	100267-01	PLATE, Weld	3
5	700144	TEE	2
6	700252	ASSEMBLY, Tube	1
7	700142	ASSEMBLY, Tube	1
8	700253	ASSEMBLY, Hose	2
9	101207	ELBOW	2
10	108103	REDUCER	2
	SR-7727-1	TUBE NUT	2
11	700547	WELDMENT, Push Bar and Arms	1
12	604718	ROLLER HALF	4
	F0400	CAPSCREW, 3/8" x 1 3/4"	8
	F7250	WASHER, Flat 3/8"	16
	F3075	NUT, Elastic Stop	8
13	700218	PLATE, Upper Pivot	2
14	700219	PIVOT, Upper	2
	15269	BEARING	2
15	602333	COVER, Pivot	2
	F0950	CAPSCREW, 1/2" x 1 1/4"	4
	F7975	WASHER, Lock 1/2"	4
16	31126	ELBOW	2
17	PO-205	COVER, Pivot	2
	F1625	CAPSCREW, 3/4" x 1"	2
	F8075	WASHER, Lock 3/4"	2
18	605252	ASSEMBLY, Cylinder	2
19	31126	ELBOW	2
20	700538	PLATE, Bottom Pivot	2
21	700539	PIVOT	2
22	107628	ASSEMBLY, Tube Support .88" Twin	6
23	700562	ASSEMBLY, Hose	4

SECTION 9

12,000 LB WINCH INSTALLATION - BEFORE S/N 21195

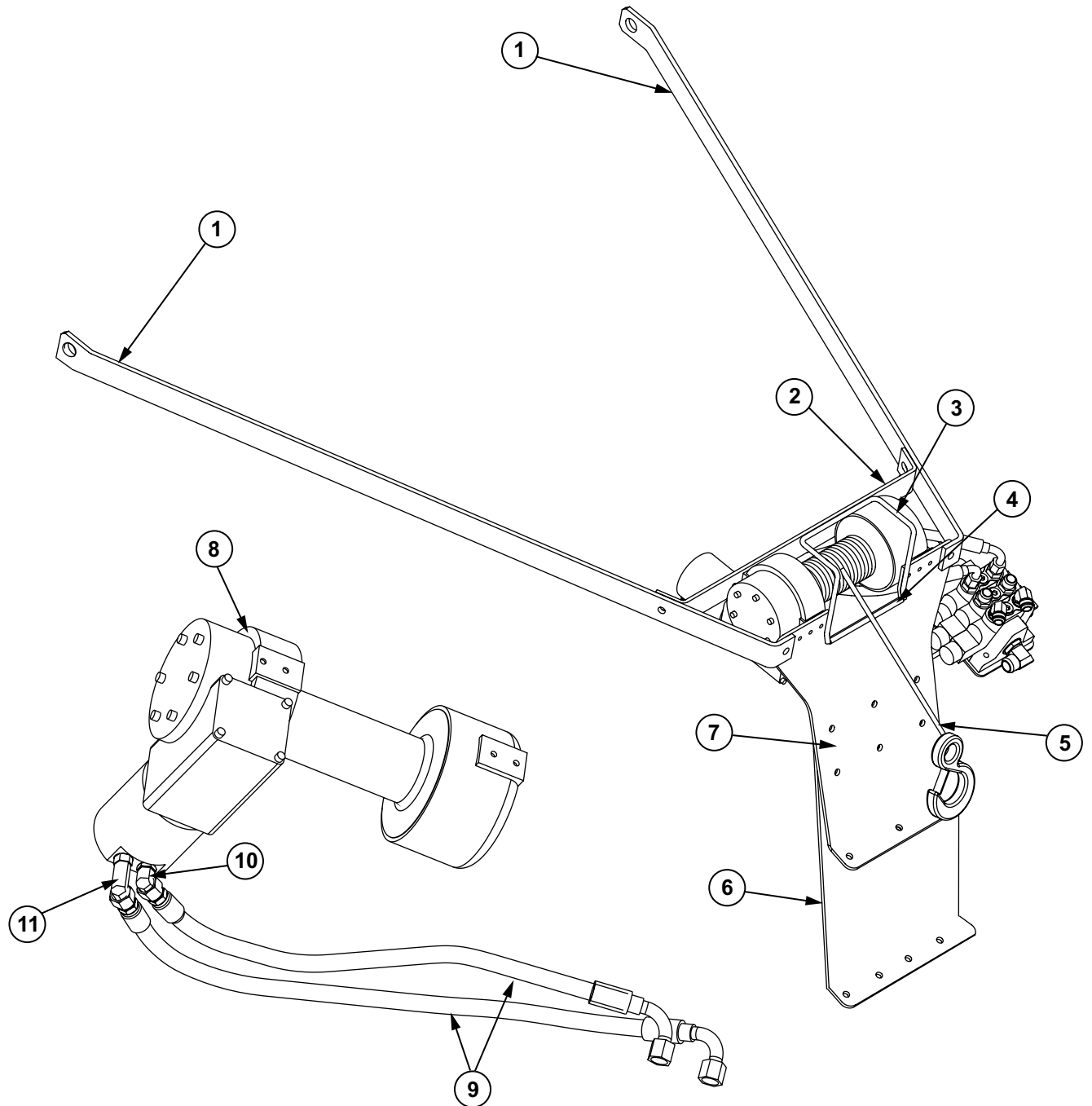


12,000 LB WINCH INSTALLATION - Before S/N 21195

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700029	BAR, Winch Mount	2
	F1710	CAPSCREW, 3/4" x 2"	2
	F7475	WASHER, Flat 3/4"	2
	F3670	NUT, 3/4"	2
2	712411	BRACE, Winch Mount	1
	700427	SHIM, Winch Mount	2
	F1710	CAPSCREW, 3/4" x 2"	2
	F7475	WASHER, Flat 3/4"	2
	F3670	NUT, 3/4"	2
3	700517	GUIDE, Cable	1
4	700683	BAR, Edging	1
5	307250	ASSEMBLY, Winch Cable (Includes Hook and Safety Latch)	1
	100028	HOOK, 5 Ton With Safety Latch	1
	108279	LATCH, Safety	1
6	700666	REINFORCEMENT	1
	F1380	CAPSCREW, 5/8" x 1 3/4"	12
	F3500	NUT, 5/8"	12
	F7425	WASHER, Flat 5/8"	24
7	700660	PLATE, Winch Mounting	1
8	700018	ASSEMBLY, Winch	1
9	700404	ASSEMBLY, Hose	2
10	104389	ELBOW	1
11	700394	ELBOW, Long	1

SECTION 9

12,000 LB WINCH INSTALLATION - After S/N 21194

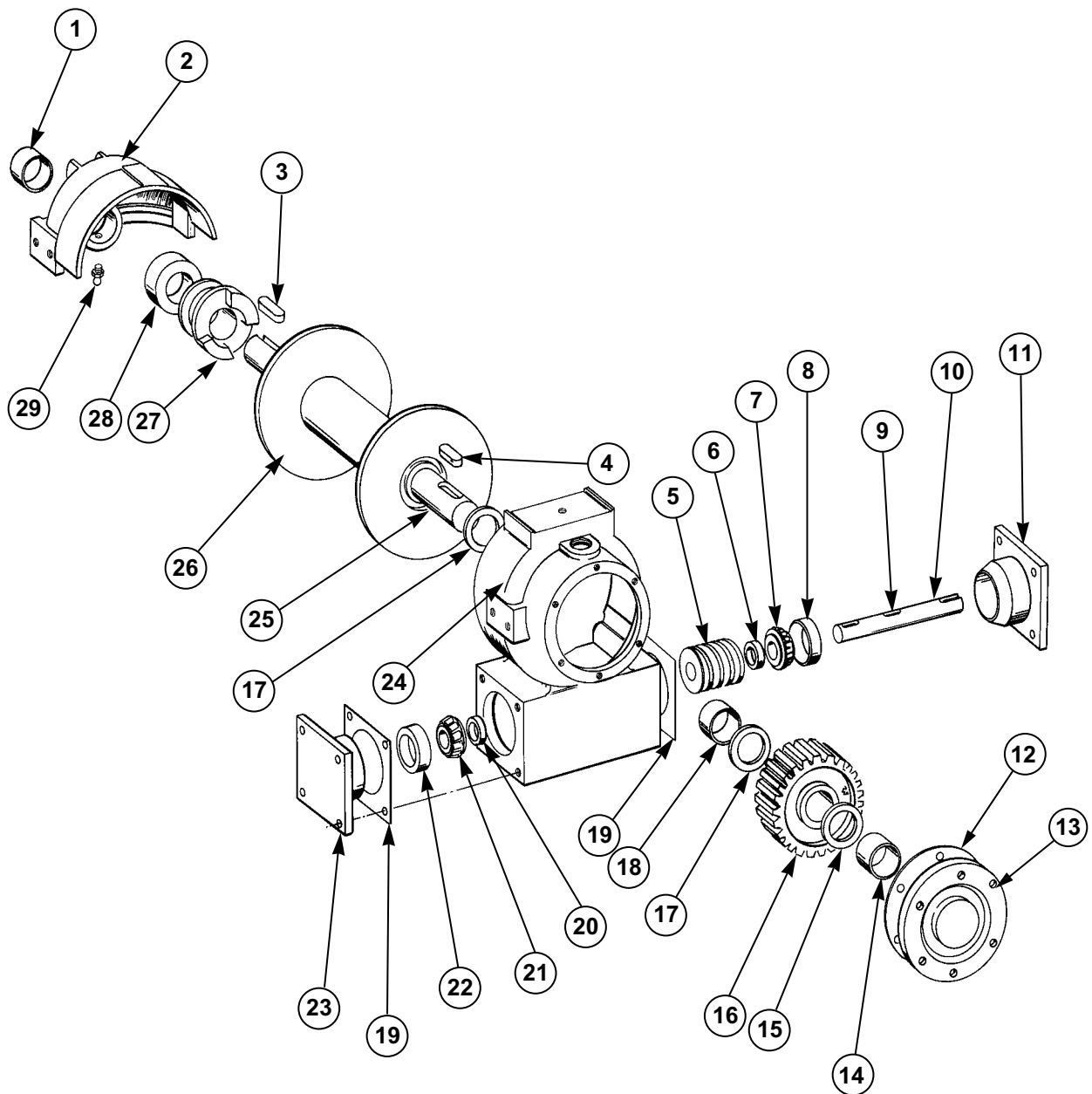


12,000 LB WINCH INSTALLATION - After S/N 21194

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	700029	BAR, Winch Mount	2
	F1790	CAPSCREW, 3/4" x 2"	2
	F7500	WASHER, Flat 3/4"	2
	F3675	NUT, 3/4"	2
2	712411	BRACE, Winch Mount	1
	F1790	CAPSCREW, 3/4" - 10 x 2 1/2"	2
	F7500	WASHER, Flat 3/4"	2
	F3675	NUT, 3/4"	2
3	700517	GUIDE, Cable	1
4	700683	BAR, Edging	1
5	307250	ASSEMBLY, Winch Cable (Includes Hook and Safety Latch)	1
	100028	HOOK, 5 Ton With Safety Latch	1
	108279	LATCH, Safety	1
6	700666	REINFORCEMENT	1
	B48063200PL	CAPSCREW, 5/8" - 11 x 2"	6
	F3500	NUT, 5/8"	6
	F7450	WASHER, Flat 5/8"	12
7	712385	PLATE, Winch Mounting	1
8	708414	ASSEMBLY, Winch	1
9	700404	ASSEMBLY, Hose	2
10	104389	ELBOW	1
11	700394	ELBOW, Long	1

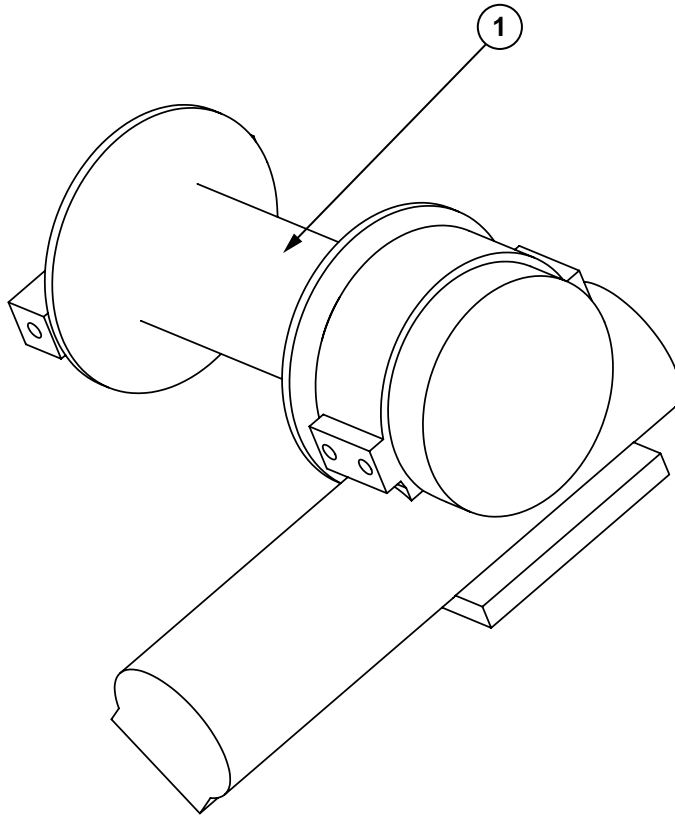
SECTION 9

12,000 LB WINCH ASSEMBLY - 700018 Before S/N 21195



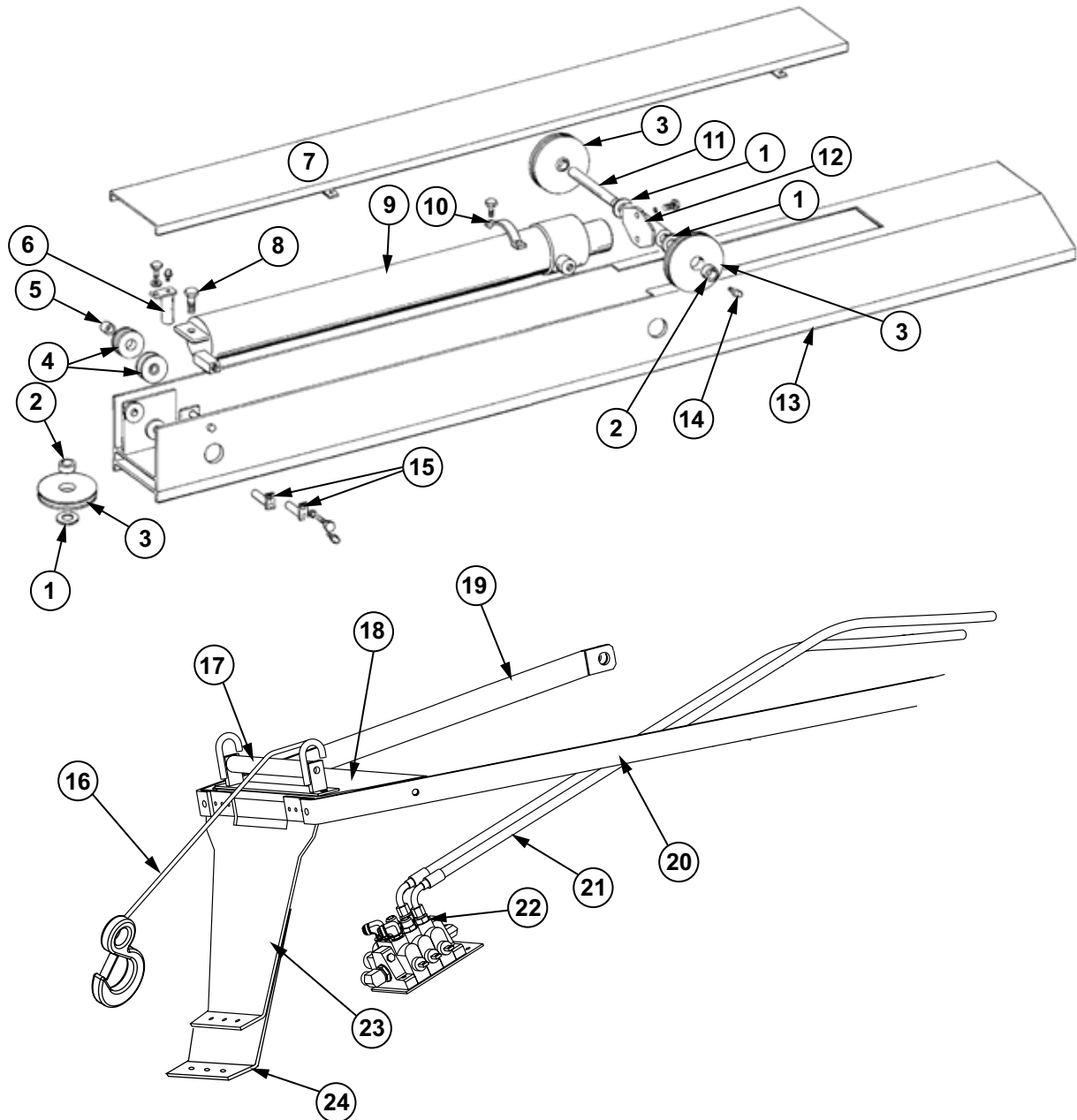
12,000 LB WINCH ASSEMBLY - 700018 Before S/N 21195

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	30039	BUSHING	1
2	701528	BEARING, Leg With Bushing	1
3	30029	KEY	2
4	30030	KEY	2
5	30013	WORM	1
6	30018	SPACER	1
7	701566	CONE, Bearing	1
8	701565	CUP, Bearing	1
9	30029	KEY	2
10	701531	SHAFT, Worm	1
11	701549	HOUSING, Bearing	1
12	30028	GASKET, Housing Cover	1
13	701526	COVER, Housing With Bushing	1
14	30020	BUSHING	1
15	30016	WASHER, Thrust	1
16	30012	WORM, Gear	1
17	30040	RING, Thrust	2
18	30019	BUSHING	1
19	30027	GASKET, 1/32"	AR
	701556	GASKET, 1/64"	AR
20	30018	SPACER	1
21	30025	CONE, Bearing	1
22	30026	CUP, Bearing	1
23	30007	HOUSING, Bearing	1
24	30003	HOUSING, With Bearing	1
25	31673	SHAFT	1
26	701529	DRUM, Cable	1
27	31674	CLUTCH	1
28	31679	SPACER	1
29	16171	FITTING, Grease	1
	701537	PLUG, Fill (Not Shown)	1
	701554	PLUG, Drain (Not Shown)	1
	701559	ANGLE, Base Front (Not Shown)	1
	701558	ANGLE, Base Rear (Not Shown)	1
	701570	MOTOR, Hydraulic	1
	700018	ASSEMBLY, Winch	1

SECTION 9**12,000 LB WINCH ASSEMBLY - 708414 After S/N 21194**

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	708414	ASSEMBLY, Winch NOTE: No additional piece parts are available for this winch at this time. Please contact Leach Customer Service for additional information.	1

CONTAINER LIFT CYLINDER INSTALLATION - 700327

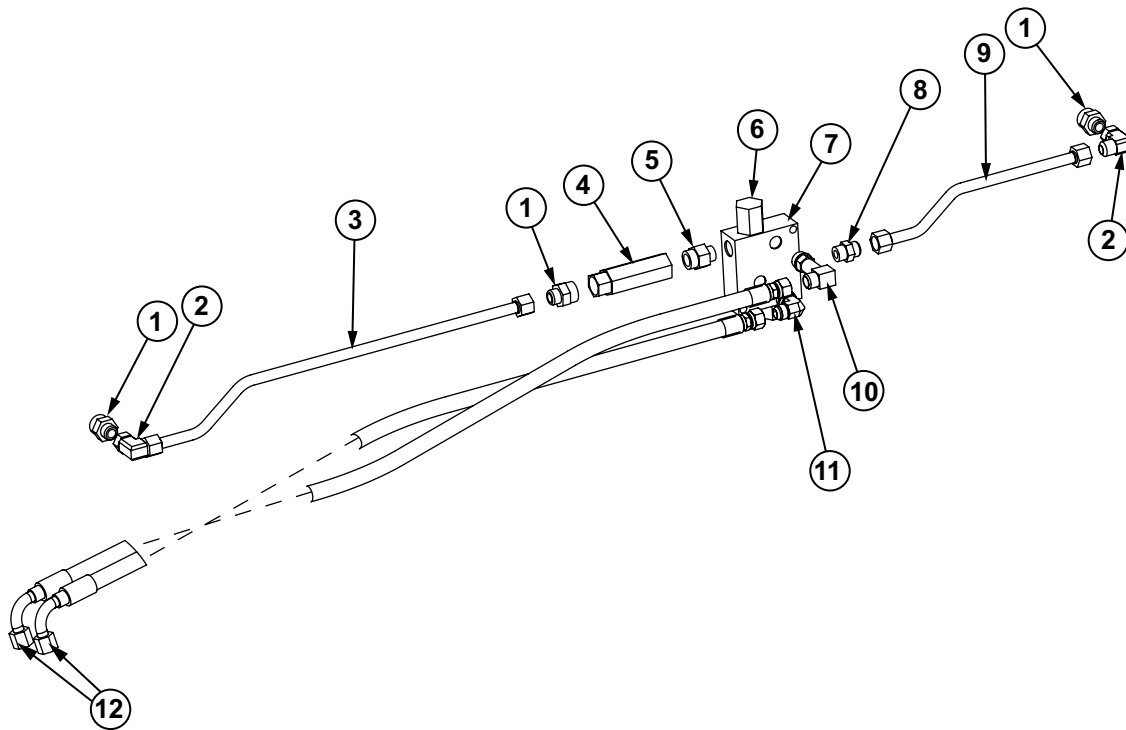


CONTAINER LIFT CYLINDER INSTALLATION - 700327

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	101864	WASHER, Thrust	3
2	101701	BUSHING	3
3	301451	SHEAVE, Large (With 101701 Bushing)	3
4	202218	SHEAVE, Small (With 101702 Bushing)	2
5	101702	BUSHING	2
6	202988	PIN, Large Sheave	1
	F0022	CAPSCREW, 1/4" x 3/4"	1
	F7750	WASHER, Lock 1/4"	1
7	301921	WELDMENT, Cover	1
	F0100	CAPSCREW, 5/16" x 7/8"	8
	F7775	WASHER, Lock 5/16"	8
	F7200	WASHER, Flat 5/16"	8
8	F1725	CAPSCREW, 3/4" x 2"	1
	F8075	WASHER, Lock 3/4"	1
	F3650	NUT, 3/4"	1
9	406582	CYLINDER, Piston Winch (Before Serial Number 21267)	1
	713767	CYLINDER, Piston Winch (After Serial Number 21266)	1
10	41861	STRAP, Cylinder	1
	F0960	CAPSCREW, 1/2" x 1 1/4"	2
	F7975	WASHER, Lock 1/2"	2
11	202967	PIN, Sheave	1
12	202516	WELDMENT, Pivot	1
	F0900	CAPSCREW, Socket Head 1/2" x 1"	2
13	402088	WELDMENT, Cylinder Enclosure	1
14	16170	FITTING, Grease	5
15	202989	PIN, Small Sheave	2
	F0022	CAPSCREW, 1/4" x 3/4"	2
	F7750	WASHER, Lock 1/4"	2
16	301803	ASSEMBLY, Cable 56 Ft (Includes Hook and Safety Latch)	1
	100028	HOOK, 5 Ton With Safety Latch	1
	108279	LATCH, Safety	1
	100308	CLIP, Wire Rope 1/2"	3
17	306078	ASSEMBLY, Roller	1
18	700326	PLATE, Roller Assembly Mounting	1
19	700969	BAR, Mounting	1
20	700970	BAR, Mounting	1
21	306043-02	ASSEMBLY, Hose	2
22	18258	FITTING	2
23	712385	PLATE, Mounting	1
24	700666	PLATE, Reinforcement	1
	BH8063200PL	CAPSCREW, 5/8" - 11 x 2"	6
	F7425	WASHER, Flat 5/8"	12
	F3500	NUT, Elastic Stop 5/8"	6
	305510	ASSEMBLY, Piston Winch (Includes Items 1-15 and Items 1-12 on Page 9-29)	

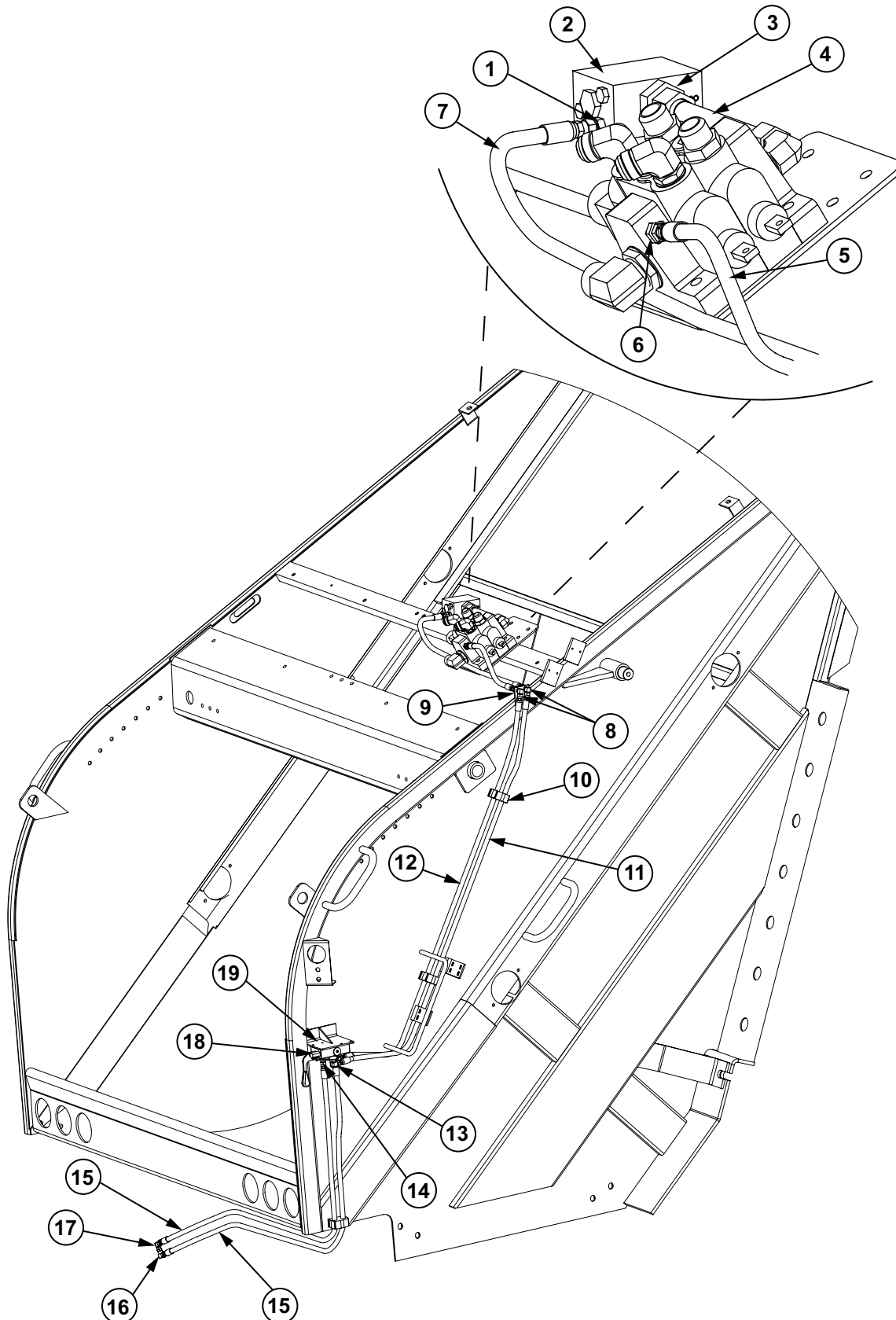
SECTION 9

CONTAINER LIFT CYLINDER HYDRAULICS



REF. NO.	PART NO.	DESCRIPTION	QTY.
1	18258	CONNECTOR, Straight Thread	3
2	17718	ELBOW	2
3	306279	ASSEMBLY, Tube	1
4	108108	VALVE, Check Orifice	1
5	107851	UNION, Straight Thread O-Ring	1
6	602895	CARTRIDGE, Flow Control Extend (Upper)	1
	940112	CARTRIDGE, Flow Control Retract (Lower)	1
7	306073	VALVE, Flow Regulator (With Cartridges)	1
	F1076	CAPSCREW, 1/2" x 2 3/4"	2
	F3325	NUT, 1/2" Nylock	2
8	16214	CONNECTOR, Straight Thread	1
9	306286	ASSEMBLY, Tube	1
10	107853	ELBOW, 90 Degree O-Ring	1
11	17652	ELBOW, 90 Degree O-Ring	1
12	306043-02	HOSE	2

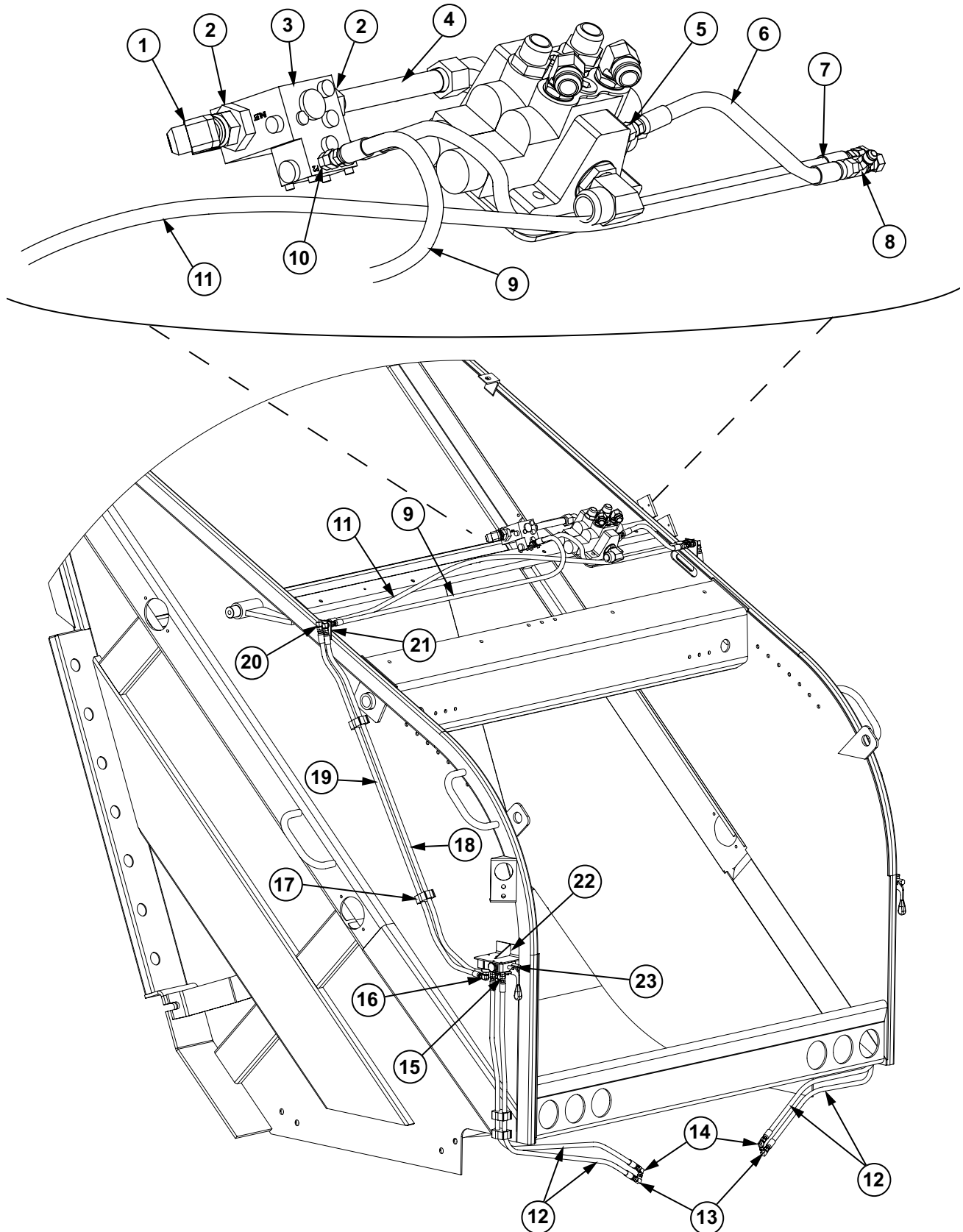
TIPPER HYDRAULICS - Center and Right Hand



TIPPER HYDRAULICS - Center and Right Hand

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	104844	CONNECTOR	1
2	603360	VALVE, Divertor Single	1
3	30010	CONNECTOR	1
4	700137	ASSEMBLY, Tube	1
5	700336	ASSEMBLY, Hose Tipper Return	1
6	104832	CONNECTOR	1
7	700335	ASSEMBLY, Hose Tipper Supply	1
8	700145	ELBOW, Bulkhead	2
9	700147	BRACKET, Bulkhead Fitting	1
10	100269	SUPPORT, Twin Tube	3
11	700631	ASSEMBLY, Hose	1
12	700630	ASSEMBLY, Hose	1
13	700146	ELBOW	2
14	104844	CONNECTOR	2
15	700403	ASSEMBLY, Hose Center Mount Tipper	2
	700402	ASSEMBLY, Hose Right Hand Mount Tipper	2
16	104845	ELBOW	1
17	5615-0006	ELBOW	1
18	700294	ASSEMBLY, Control Valve (Includes Handle)	1
	F0050	CAPSCREW, 1/4" x 2 1/4"	2
	F2775	NUT, Nylock 1/4"	2
19	700302	BRACKET, Tipper Valve Mount	1

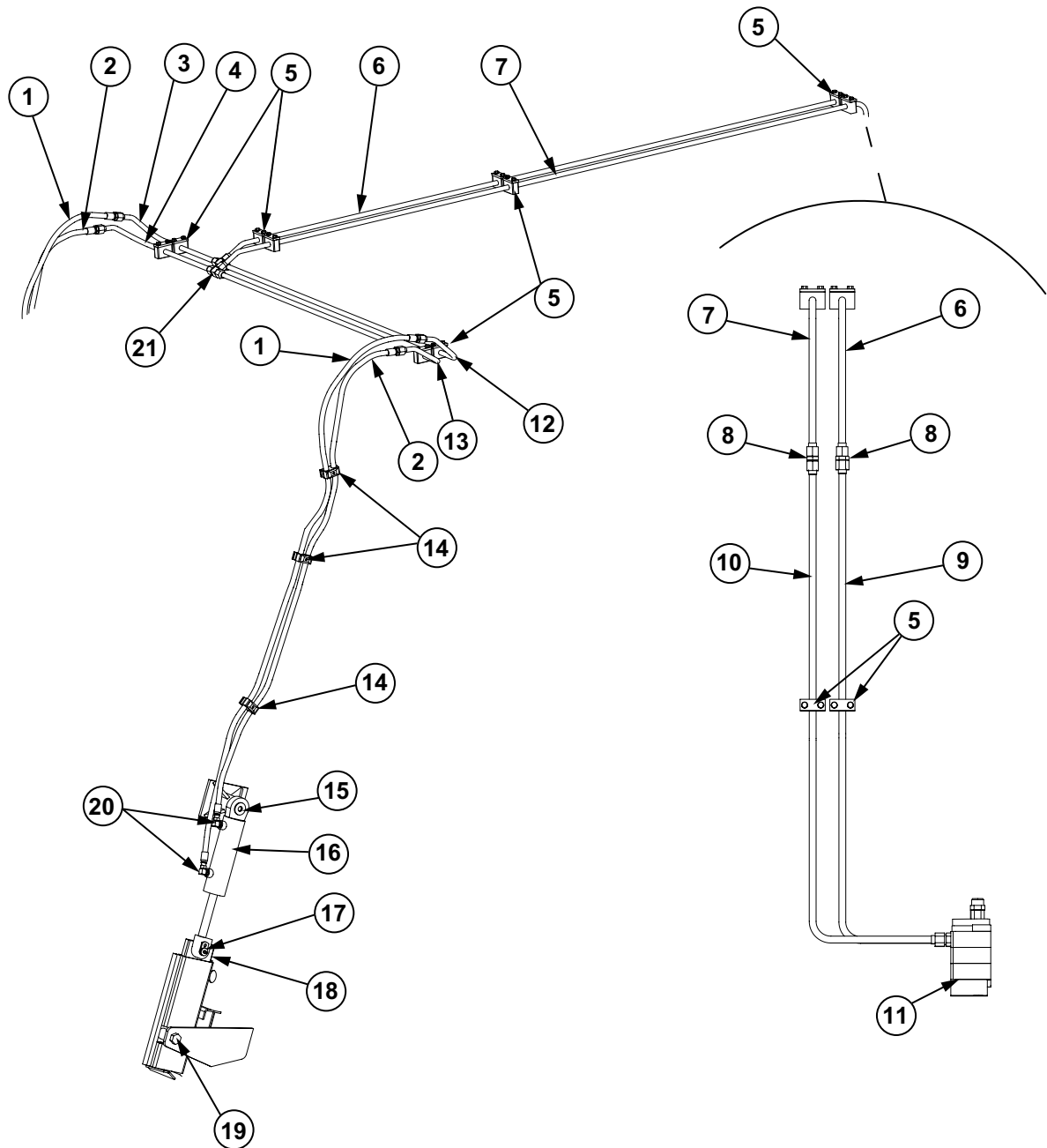
TIPPER HYDRAULICS - Dual Tippers



TIPPER HYDRAULICS - Dual Tippers

REF. NO.	PART NO.	DESCRIPTION	QTY.
1	5631-0016	ELBOW	1
2	30010	CONNECTOR	2
3	603362	VALVE, Divertor Dual	1
4	700137	ASSEMBLY, Tube	1
5	104844	CONNECTOR	1
6	700336	ASSEMBLY, Hose Tipper Return	1
7	700335	ASSEMBLY, Hose Tipper Supply	1
8	107145	TEE	1
9	700536	ASSEMBLY, Hose	1
10	104844	CONNECTOR	2
11	700537	ASSEMBLY, Hose	1
12	700402	ASSEMBLY, Hose	4
13	104845	ELBOW	2
14	5615-0006	ELBOW	2
15	104844	CONNECTOR	4
16	700146	ELBOW	4
17	100269	SUPPORT, Twin Tube	6
18	700630	ASSEMBLY, Hose	2
19	700631	ASSEMBLY, Hose	2
20	700145	ELBOW, Bulkhead	4
21	700147	BRACKET, Bulkhead Fitting	2
22	700302	BRACKET, Tipper Valve Mount	2
23	700294	ASSEMBLY, Control Valve (Includes Handle)	2
	F0050	CAPSCREW, 1/4" x 2 1/4"	4
	F2775	NUT, 1/4" Nylock	4

AUTO TAILGATE LATCH



AUTO TAILGATE LATCH

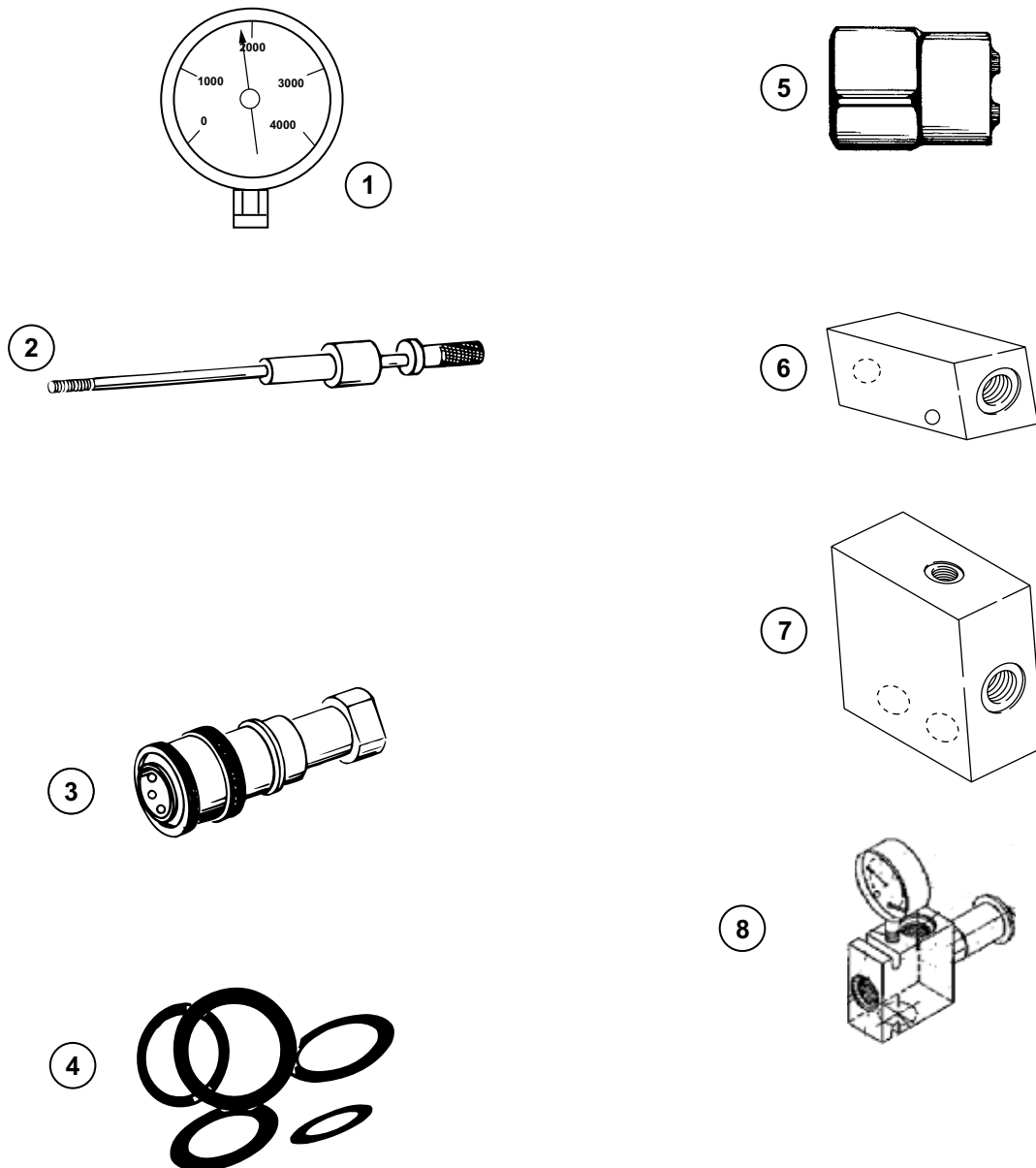
REF. NO.	PART NO.	DESCRIPTION	QTY.
1	108691	ASSEMBLY, Hose	2
2	108692	ASSEMBLY, Hose	2
3	307083	ASSEMBLY, Tube	1
4	307084	ASSEMBLY, Tube	1
5	100363	SUPPORT, Tube 3/4"	12
6	702625	ASSEMBLY, Tube 20 Yard	1
	701061	ASSEMBLY, Tube 25 Yard	1
7	702627	ASSEMBLY, Tube 20 Yard	1
	701068	ASSEMBLY, Tube 25 Yard	1
8	16215	UNION	2
9	701070	ASSEMBLY, Tube	1
10	701071	ASSEMBLY, Tube	1
11	209752-14	ASSEMBLY, Control Valve	1
12	307086	ASSEMBLY, Tube	1
13	307085	ASSEMBLY, Tube	1
14	107628	ASSEMBLY, Tube Support .88 Twin	6
15	PO-205	COVER, Pivot	2
	F1625	CAPSCREW, 3/4" x 1"	2
	F8075	WASHER, Lock 3/4"	2
16	306845	ASSEMBLY, Tailgate Clamp Cylinder (Before S/N 40000)	2
	716916	ASSEMBLY, Tailgate Clamp Cylinder (After S/N 39999)	2
17	PO-420	PIN, Cylinder	2
	PO-421	RETAINER, Pin	2
	F0376	CAPSCREW, 3/8" x 1 1/2"	2
	F7875	WASHER, Lock 3/8"	2
	16170	ZERK, Grease	2
18	306848	CLAMP, Tailgate	2
19	F2470	CAPSCREW, 1" x 6"	2
	F3925	NUT, Elastic Stop 1"	2
	210550	BUSHING, Tailgate Latch 1 3/4"	2
	602291	BUSHING, Tailgate Latch 2"	2
	602292	BUSHING, Tailgate Latch 2 1/4"	2
	602293	BUSHING, Tailgate Latch 2 1/2"	2
20	5614-0808	ELBOW	2
21	17661-1	TEE	2

SERVICE TOOLS

GENERAL

The Service Tools shown in this section will be required for some service and repair procedures. These tools are available from your local authorized Leach Distributor.

The actual use of each tool is described in Section 9 “Service and Repair”, of the appropriate service manual.



SERVICE TOOLS

NO.	PART NO.	DESCRIPTION	EXPLANATION	UNIT
1	602275	Pressure Gauge	To Measure System Pressure	All Except FL104/Beta
2	T-SK-793-100	Pin Puller	Remove Pivot Pins	All
3	100368	Snap Connector	Quick Coupling For Pressure Gauges	All
4	103081	O-Ring Kit	Various Size O-Rings	All
5	970004	Plunger Tool	Remove/Install Spring-Loaded Plungers On Rear Loader Container Attachments	All
6	900015	Test Block	To Pressure Test Packer Section Circuit (High Pressure) Relief Valve	All
7	605018	Test Block	To Test Resistance Cartridge	2RII
8	106855	Test Block W/ Gauge	To Test Resistance Cartridge On Units With Horizontal Telescopic Push Out Cylinder	2RII

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THANKS FOR YOUR HELP!

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Canada Parts: labriepusQC@labriegroup.com
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Levis, QC G6W 5M6

PARTS AND WARRANTY

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8:00 am - 5:00 pm Eastern Standard Time

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