



M-751-MUS-22

Serial Numbers V2704 and Up



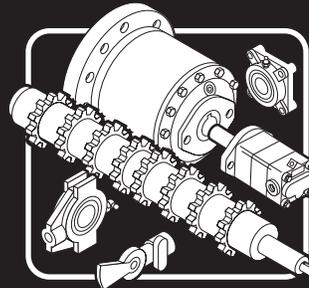
**MUSCAT
TRAILERS**

ABN 19002 296 184

Motor Repairers License No. 44/001467/5

Live Bottom Trailer

Repair Parts



Muscat Trailers Pty Ltd. • 7 Grahams Hill Road • Narellan, NSW 2567

tel: (02) 4648 2001 or (02) 4648 2101 • fax: (02) 4647 1165

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M-751-MUS-22

Serial Numbers V2704 and Up

MUSCAT LIVE BOTTOM TRAILER

PARTS MANUAL

HOW TO ORDER PARTS

To assure prompt delivery when ordering parts, please furnish the following information: 1) Complete name and address of consignee. 2) Method of shipment preferred. 3) Serial numbers of units to which parts apply. 4) Complete part numbers and descriptions. 5) Any special instructions.

Specify unit serial number when ordering parts!

PARTS WARRANTY

E. D. Etnyre & Co. warrants to the original Purchaser, its replacement parts to be free from defects in material and workmanship for a period of twelve (12) months after date of delivery to original Purchaser.

The following are exceptions to this policy:

- (1) All new electronic components are warranted for a period of 60 days. This is subject to vendor approval.
- (2) Remanufactured electronic components are warranted for a period of 30 days.
- (3) Remanufactured hydraulic components are warranted for a period of 60 days.
- (4) All non-Etnyre manufactured components are subject to the original warranty of the manufacturer.
- (5) New hydraulic components are warranted for the period of time set forth by the vendor of the individual item.

The obligation of the Company is limited to repairing or replacing any defective part returned to the Company and will not be responsible for consequential damages or any further loss by reason of such defect. Furthermore, the Etnyre Co. will not be responsible for any labor charges, freight charges, or transportation costs incurred by the purchaser if said part were to fail.

This warranty does not apply to:

- (1) Normal start-up services, normal maintenance services or adjustments usually performed by the selling dealer, factory service representative or customer personnel.
- (2) Any product manufactured by E. D. Etnyre & Co. purchased or subjected to rental use.
- (3) Any product or part thereof which shows improper operation, improper maintenance, abuse, neglect, damage or modification after shipment from factory.
- (4) Any product or part thereof damaged or lost in shipment. Inspection for damage should be made before acceptance or signing any delivery documents releasing responsibility of the delivering carrier.

This warranty and foregoing obligations are in lieu of all other obligations and liabilities including negligence and all warranties of merchantability or otherwise, express or implied in fact or by law.

The company excludes all implied warranties of merchantability and fitness for a particular purpose. There are no warranties, express or implied, which extend beyond the description of the goods contained in this contract.



E. D. ETNYRE & CO., Oregon, Illinois U.S.A. 61061-9778

1333 South Daysville Road Phone: 0011+1+800-995-2116 Fax: 0011+1+800-521-1107

www.etnyre.com

CustomerService@etnyre.com

Reporting Safety Defects

If you believe that your vehicle has a defect which could cause a crash, injury, or death, you should immediately inform the National Highway Traffic Safety Administration (NHTSA) in addition to notifying E.D. Etnyre & Co.

If NHTSA receives similar complaints, it may open an investigation. If it finds a safety defect exists in a group of vehicles, it may order a recall and remedy campaign. However, NHTSA cannot become involved in individual problems between you, your dealer, or E.D. Etnyre & Co.

To contact NHTSA, you may call the Auto Safety Hotline toll-free at 0011+1+1-800-424-9393 Or, you may write to: U.S. Department of Transportation, Washington, D.C., U.S.A. 20696. You may also obtain other information about motor vehicle safety from the Auto Safety Hotline.

E.D. Etnyre & Co., Oregon, Illinois, U.S.A. 61061, Phone 0011+1+ 815/732-2116.

This manual covers standard features and options. If your unit incorporates custom features, some of the information contained in this manual may not apply. If you have any questions regarding this manual or your unit, contact your dealer or the E. D. Etnyre Service Department at 0011+1-800-995-2116



WARNING

Unsafe operation of equipment may cause injury.
Read, understand and follow the manuals
when operating or performing maintenance.



CAUTION

Before breaking the seal on all hydraulic fittings, plugs, fill caps, etc. be sure to clean around the connection. Failure to do so may cause contaminants to enter the hydraulic system causing damage to pumps, motors, etc.



WARNING: This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer, birth defects or other reproductive harm. For more information, go to: www.P65Warnings.ca.gov

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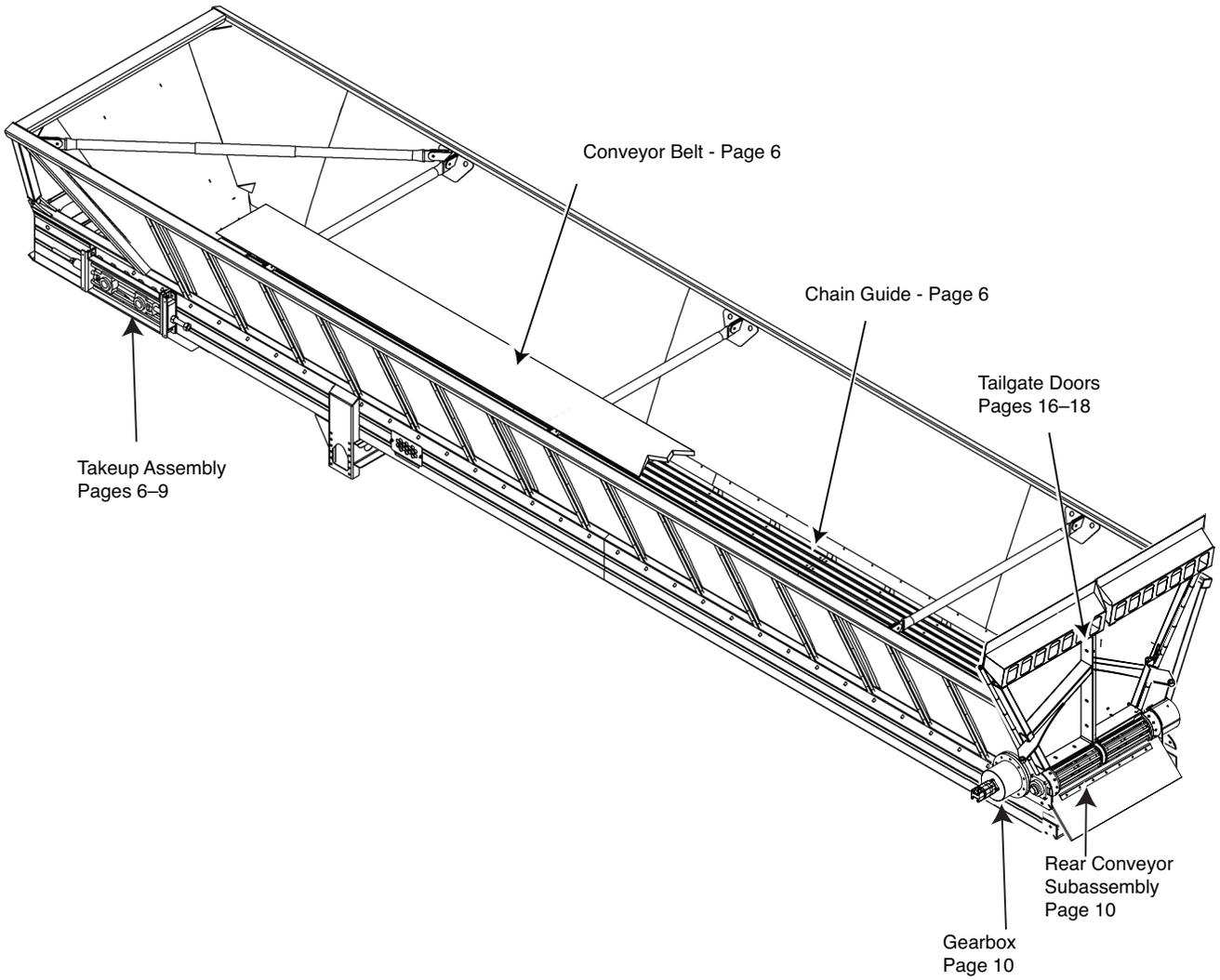
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SCHEMATIC

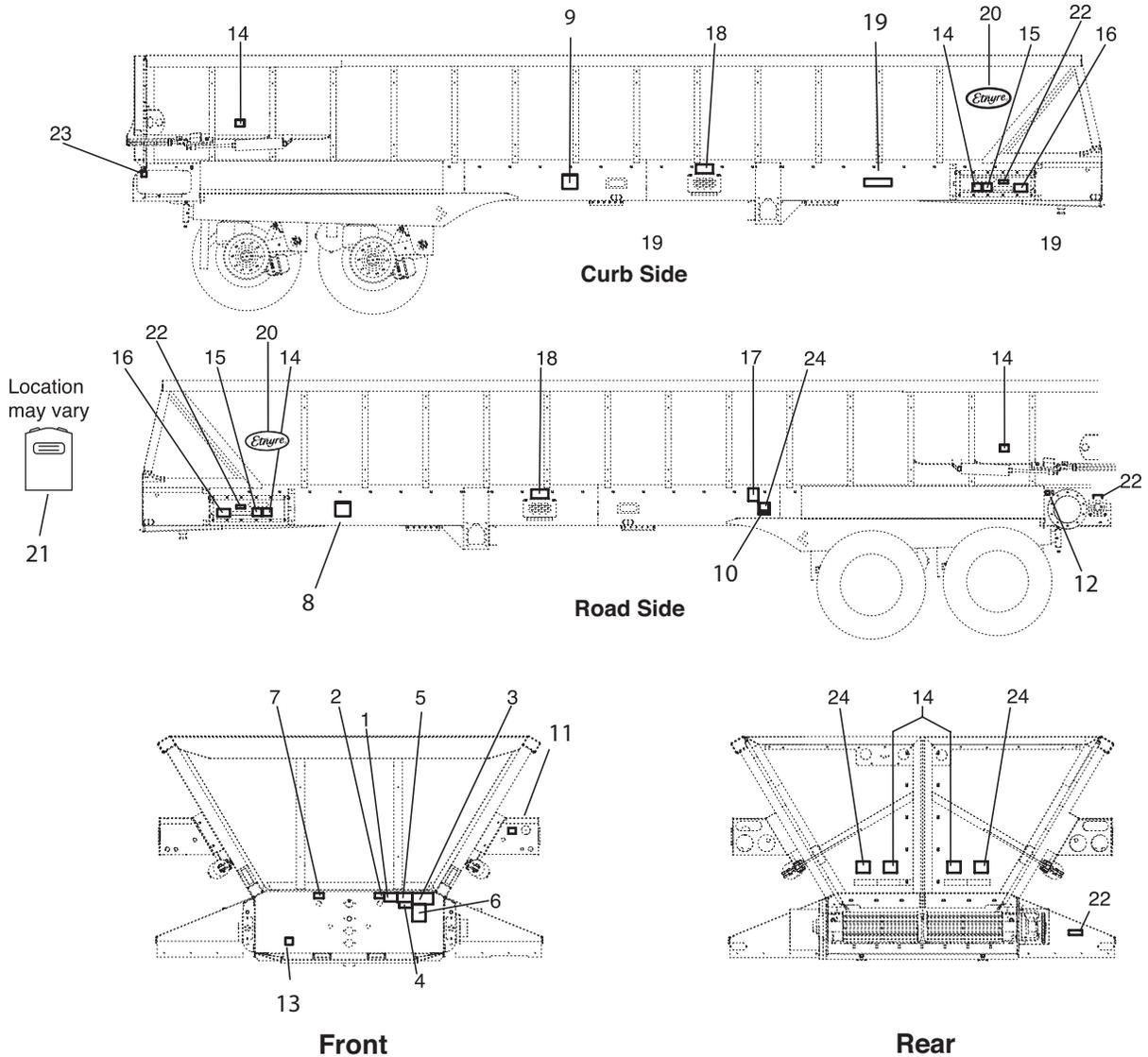
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General Identification



Decals and Reflectors

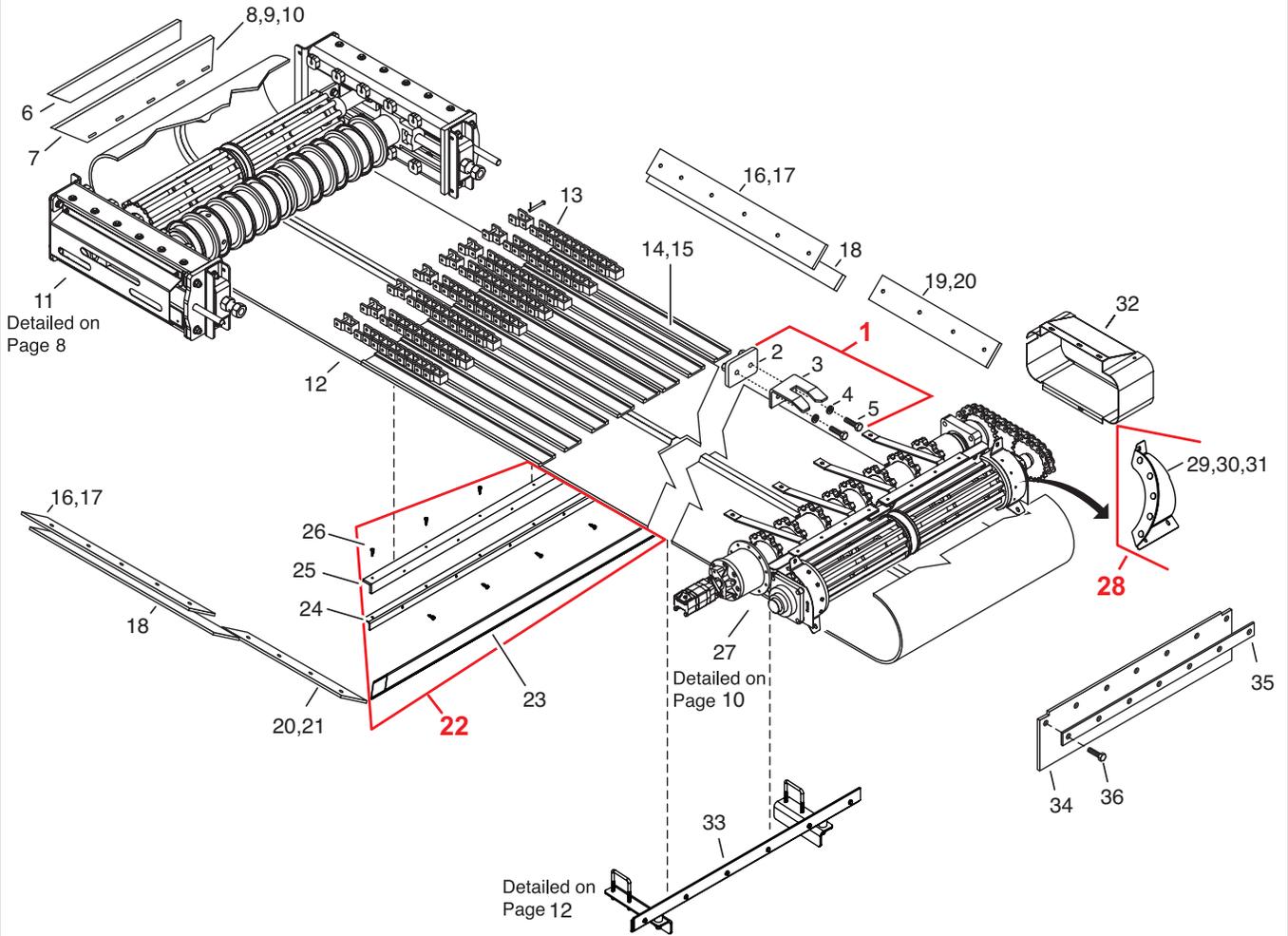


! For operator safety and possible liability protection, all Safety and Instruction Plates should remain in place and be legible.

! Should a plate be removed, lost or become illegible, reorder and replace immediately.

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	5000173	1	Decal-Caution, Do Not Reverse	17	5003175	1	Decal-Door Lock Valve, Large
2	Q451435	1	Decal-PRESSURE	18	5000360	2	Decal-Danger, Rotate Conv Chain
3	5000873	1	Decal-Trademark, Patents	19	5005423	1	Decal-Release Agent
4	3360182	1	Plate-Name, Curb Paver	20	3390191	2	Decal-Oval, Etnyre
5	6320595	1	Decal-All American	21	5010166	1	Manual Holder
6	3390678	1	Decal-Warning, Read Manuals	22	5001708	4	Decal-Rear, Grease Bearings
7	Q451436	1	Decal-RETURN	23	5001562	1	Decal-Oil Chain Drive
8	5007977	1	Decal-Caution, Apply Oil To Belt	24	5002625	3	Decal-Caution, RR Cargo Door
9	5007108	1	Manual Override				
10	5003174	1	Decal-Door Lock Valve, Small				
11	6320704	1	Decal-ABS Indicator Lamp				
12	V1534DB	1	Decal-Instruction, Main Conveyor				
13	5010165	1	Decal-Caution, Door Air Shut Off Valve				
14	3390681	6	Decal-Warning, Remain Clear				
15	3390683	2	Caution-Shields In Place				
16	5003510	2	Decal-Pintle Chain Tensioning				

Conveyor Assembly - 8 Chain



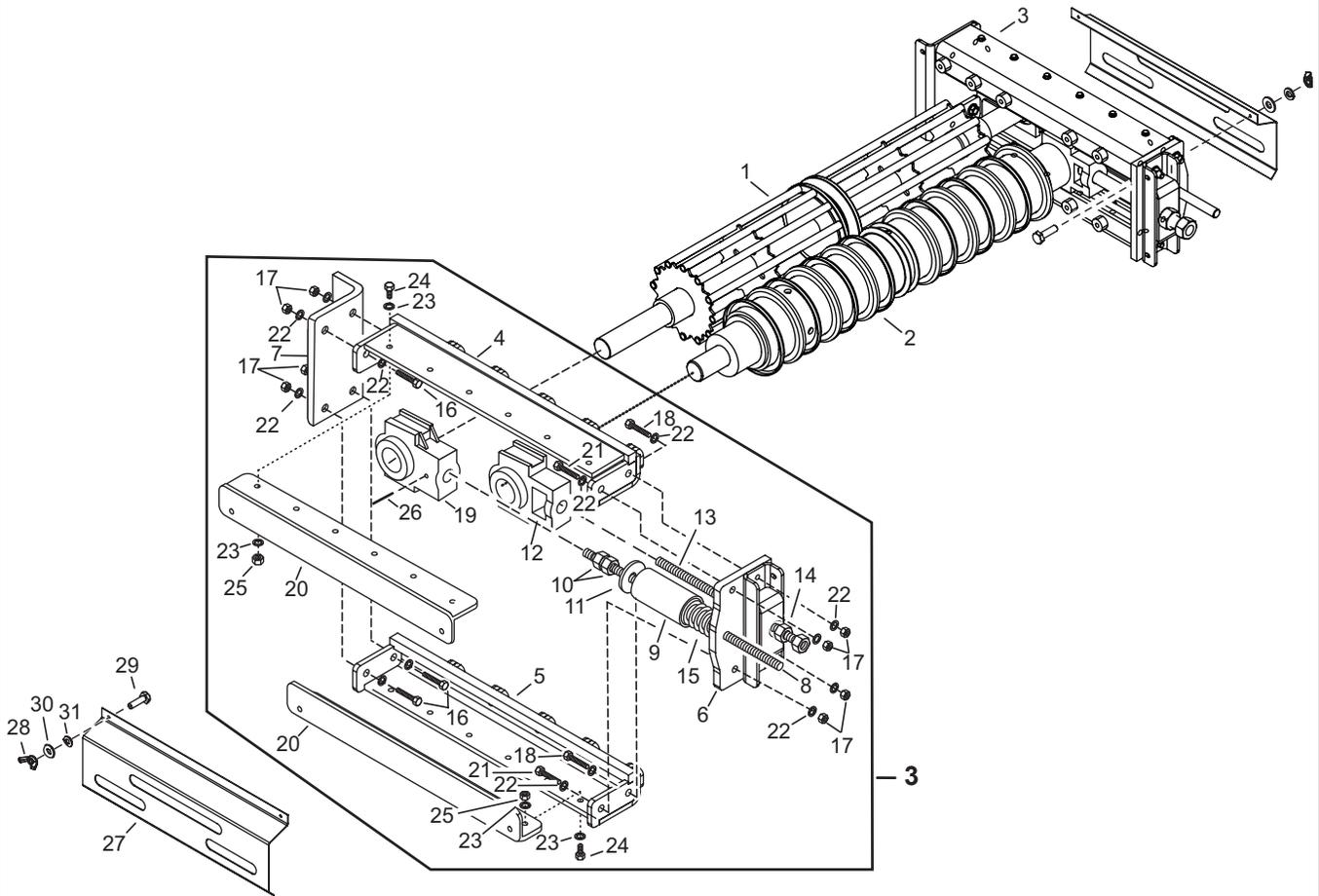
Conveyor Assembly - 8 Chain

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	5012353	6	Fork Asm-Rev Chain <i>(Includes Ref 2-5)</i>	31	5016390	1	Plastic-Side Shield
2	5015143	1	Plate Asm-Fork	32	5017285	1	Cover-Chain Guard
3	5012354	1	Chain Guide Fork	33	5017451	1	Scraper Asm-Rear <i>Detailed on page 16</i>
4	0120382	2	Washer-Lock, Spring, 0.38"	34	5005258	1	Flashing-Rear Crossmember
5	0180126	2	Capscrew-Gr5, 0.375"UNC x 1.5" Lg	35	5001370	1	Cover-Conveyor End Flashing
6	5015844	4	Flashing-UHMW 3/8" Thk w/ Bevel	36	6100759	7	Bolt-Carriage, 0.375" x 2.0", PD
7	5011178	1	Plate-Front Panel				
8	0120377	AR	Nut-Hex, 0.38"NC, PD				=AR = As Required
9	0120382	8	Washer-Lock, 0.38", Spring, PD				
10	0122145	5	Screw-0.38"NC x 1.25", Gr2				
11	5017214	1	Conveyor Subassembly-Front				
12	5014005	1	Belt-Conveyor, 55'-7", 29Ft. Unit				
	5016141	1	Belt-Conveyor, 63'-7", 33Ft. Unit				
	5014818	1	Belt-Conveyor, 69'-7", 36Ft. Unit				
	5014945	1	Belt-Conveyor, 71'-7", 37Ft. Unit				
	5016655	1	Belt-Conveyor, 73'-7", 38Ft. Unit				
13	5014590	AR	Chain-Steel Pintle, 277 Links, 29 Ft. Unit				
	5014565	AR	Chain-Steel Pintle w/ Attachments, 277 Links				
	5015369	2	Chain-Steel Pintle, 316 Links, 33 Ft. Unit				
	5015369	6	Chain-Steel Pintle w/ Attachments, 316 Links				
	5014742-1	AR	Chain-Steel Pintle, 352 Links, 36 Ft. Unit				
	5014742	AR	Chain-Steel Pintle w/ Attachments, 352 Links				
	5014459	AR	Chain-Steel Pintle, 362 Links, 37 Ft. Unit				
	5014458	AR	Chain-Steel Pintle w/ Attachments, 362 Link				
	5016528	AR	Chain-Steel Pintle, 373 Links, 38 Ft. Unit				
	5016527	AR	Chain-Steel Pintle w/ Attachments, 373 Links				
	6001319	AR	Link-Master, 667X Pintle Chain				
14	5000442	AR	Guide-Chain				
15	6100416	AR	Rivet-Blind, 0.25" x 0.415"-0.72Grip				
16	5015198	AR	Flashing, Steel Cover				
17	6100630	AR	Bolt-Carriage, 0.38"NC x 5.0", Gr5				
18	5015842	AR	Flashing-UHMW, 3.5" Wide / Ft				
19	5016383	1	Flashing-Steel Cover, Rear, LH				
20	6100949	AR	Screw-BHSCS, 0.38"NC x 1.5"				
21	5016384	1	Flashing-Steel Cover, Rear, RH				
22	5014973	1	Scraper Asm-Bottom Belt <i>(Includes Ref 23-26)</i>				
23	5009594	1	Diag. Cross Tube				
24	5009617	1	Scraper Angle				
25	5009618	1	Belt Scraper				
26	6100865	15	Screw-PnHd, TEK, 10-16 x 0.75, PD				
27	5009732	1	Subasm-Conveyor, Rear, Standard <i>Detailed on page 12</i>				
	5012912	1	Subasm-Conveyor, Rear, Dual Drive <i>Detailed on page 14</i>				
28	5016308	1	Shield-Side, RH <i>(Includes Ref 22-24)</i>				
	5016388	1	Shield-Side, LH				
29	5016387	1	Side Shield Weldment, RH				
30	6100654	5	Bolt-Elevator, 1/4-20 x 3/4, PD				

CONVEYOR

Front Conveyor Subassembly

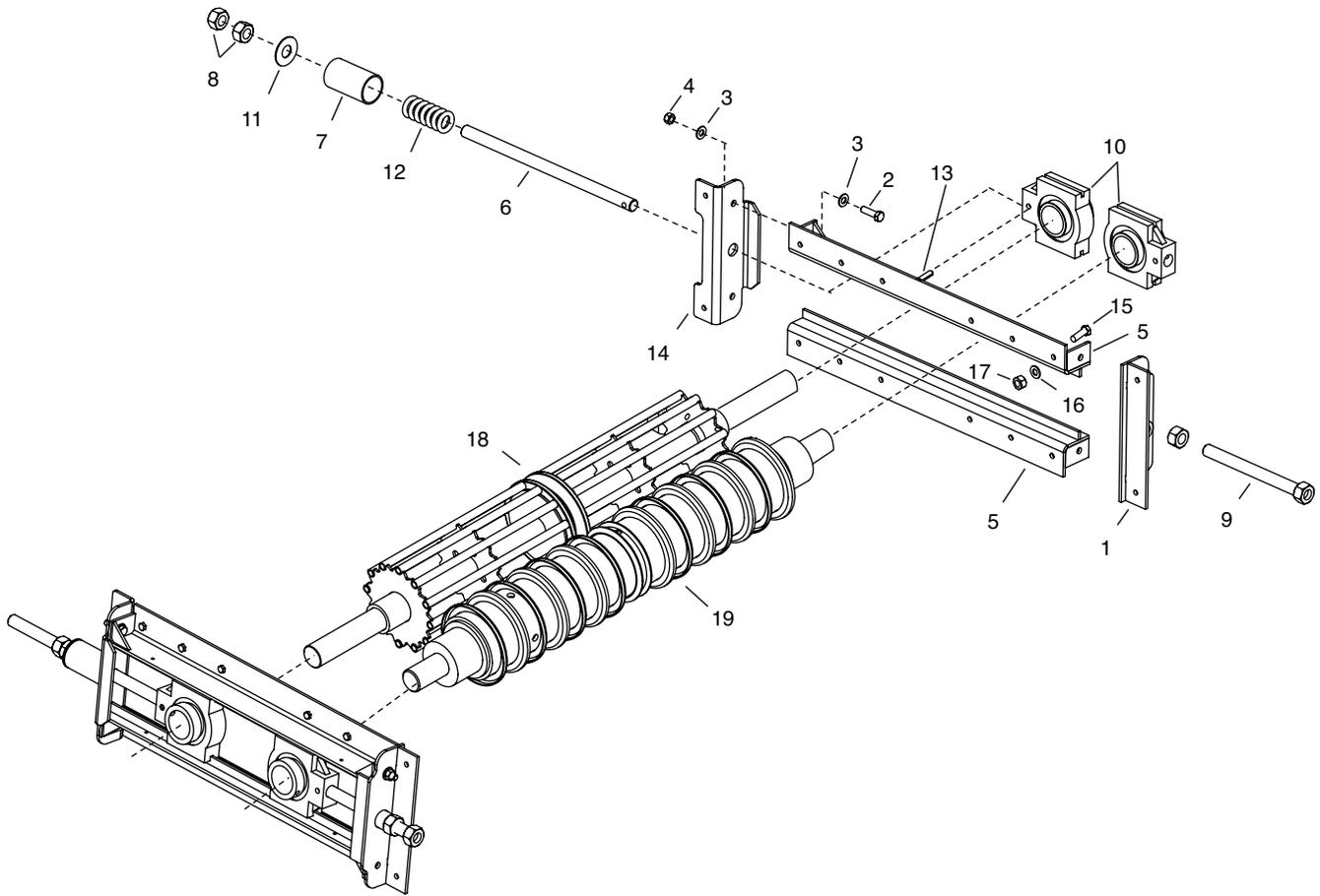
5017214



CONVEYOR

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	5017215	1	Idler Asm-Conveyor w/ V-Belt, 42"	16	0271723	4	Capscrew-Gr5, 0.625"UNC x 2.0" Lg
2	5008179	1	Carrier Asm-Front, 667X, 43.5"	17	9413948	8	Nut-Hex, Lock, 0.625"NC, PD
3	5017213	2	Take Up Asm (Includes Ref 4 -26)	18	0271727	2	Capscrew-Gr5, 0.625"UNC x 3.0" Lg
4	5017217	1	Take Up Frame	19	6420220	1	Bearing-Take Up, 2-7/16" SXR
5	5017211	1	Take Up Frame	20	5015222	2	Angle-Bearing Take Up
6	5015220	1	Take Up Frame	21	9422886	2	Capscrew-Gr5, 0.625"UNC x 2.5" Lg
7	5015221	1	Channel-Formed, LH	22	9422850-CR	16	Washer-Flat, 0.62A (0.65 x 1.31) HN
8	5015227	1	Rod-Threaded, Bearing, Take Up	23	0120388	24	Washer-Flat, SAE STD, 0.375"
9	5000721	1	Tube-Compression	24	0180126	12	Capscrew-Gr5, 0.375"UNC x 1.5" Lg
10	6100475	2	Nut-Hex, Lock, 1.0"NC, PD	25	0274993	12	Nut-Hex, Lock, 0.375"NC, PD
11	0131002	1	Washer-Flat, 1.00A (1.06 x 2.5), PD	26	6100424	1	Pin-Spring, Steel, 7/16" x 1.75"
12	5013153	1	Bearing-Take Up, 2.44	27	5015281	2	Cover-Take Up
13	5003446	1	Threaded Rod Asm-Bearing Take Up	28	0126177	4	Nut-Wing, 0.25"NC, Type A, PD
14	9429063	1	Nut-Hex, 1.375"NC	29	0180021	4	Capscrew-Gr5, 0.25"UNC, x 0.88" Lg
15	6001326	1	Spring, Compression, 1.0" ID	30	0120386	4	Washer, Flat, SAE STD, 0.25"
				31	0120380	4	Washer, Lock, Spring, 0.25"

Front Conveyor Subassembly - Non Reversing 8 Chain



CONVEYOR

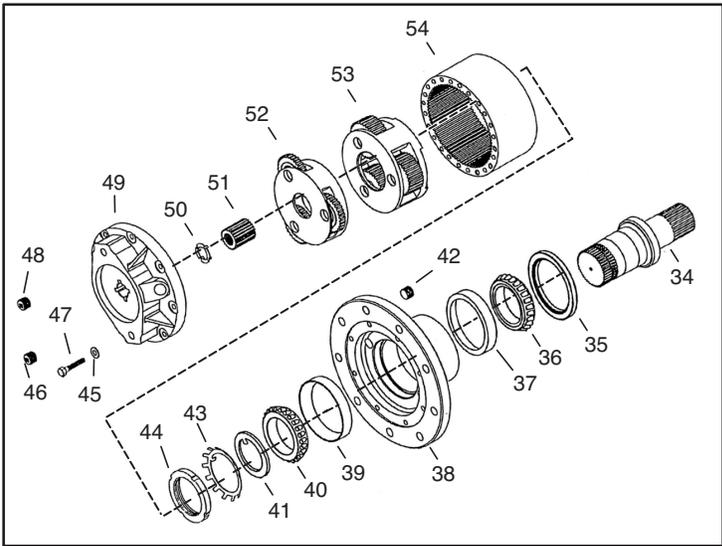
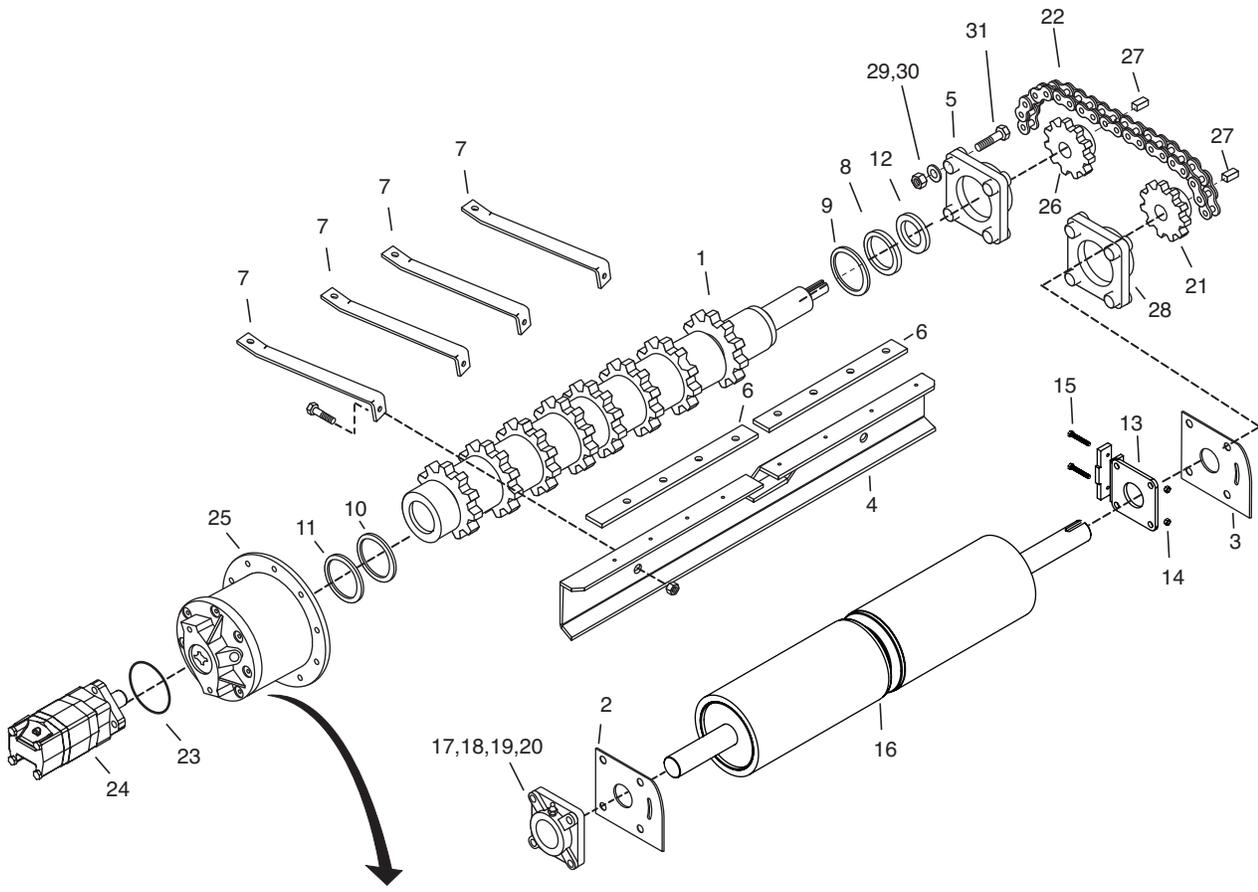
REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	5016309	2	Frame Sub Asm Frnt, Take up	16	0120382	12	Washer-Lock, Spring, 0.38"
2	0186646	3	Capscrew-Gr5, 0.5"UNC x 1.75"	17	0120377-CR	12	Nut-Hex, 0.375"NC, PCR
3	0120396-CR	6	Washer-Flat, SAW STD, 0.5"	18	5016286	1	Idler Asm-Conv w/ V Belt, 42"
4	9411727	3	Nut-Hex, Lock, 0.5"NC, PD	19	5008178	1	Carrier Asm Frt-667X, 43.5"
5	5016310	4	Bearing Asm-Take Up				
6	5000970	2	Rod-Threaded, Bearing Take Up				
7	5000721	2	Tube-Compression				
8	0220088	6	Nut-Hex, 1.0"NC, PD				
9	5001753	2	Threaded Rod Asm-Bearing Take Up, RR				
10	6420220	4	Bearing-Take Up, 2 7/16 x 1-3/4				
11	0131002	2	Washer-Flat, 1.00A (1.06 x 2.50), PD				
12	6001326	2	Spring-Compression, 1.0" ID				
13	6100424	2	Pin-Spring, Steel, 7/16 x 1-3/4				
14	5016314	2	End Plate-Bearing Take Up				
15	0186679-CR	12	Screw-Hex, 0.375"UNC x 1.25", Gr8, PCR				

Specify Unit Serial No., Part No., & Part Description

Rear Conveyor Subassembly - Trailer

5017089

CONVEYOR



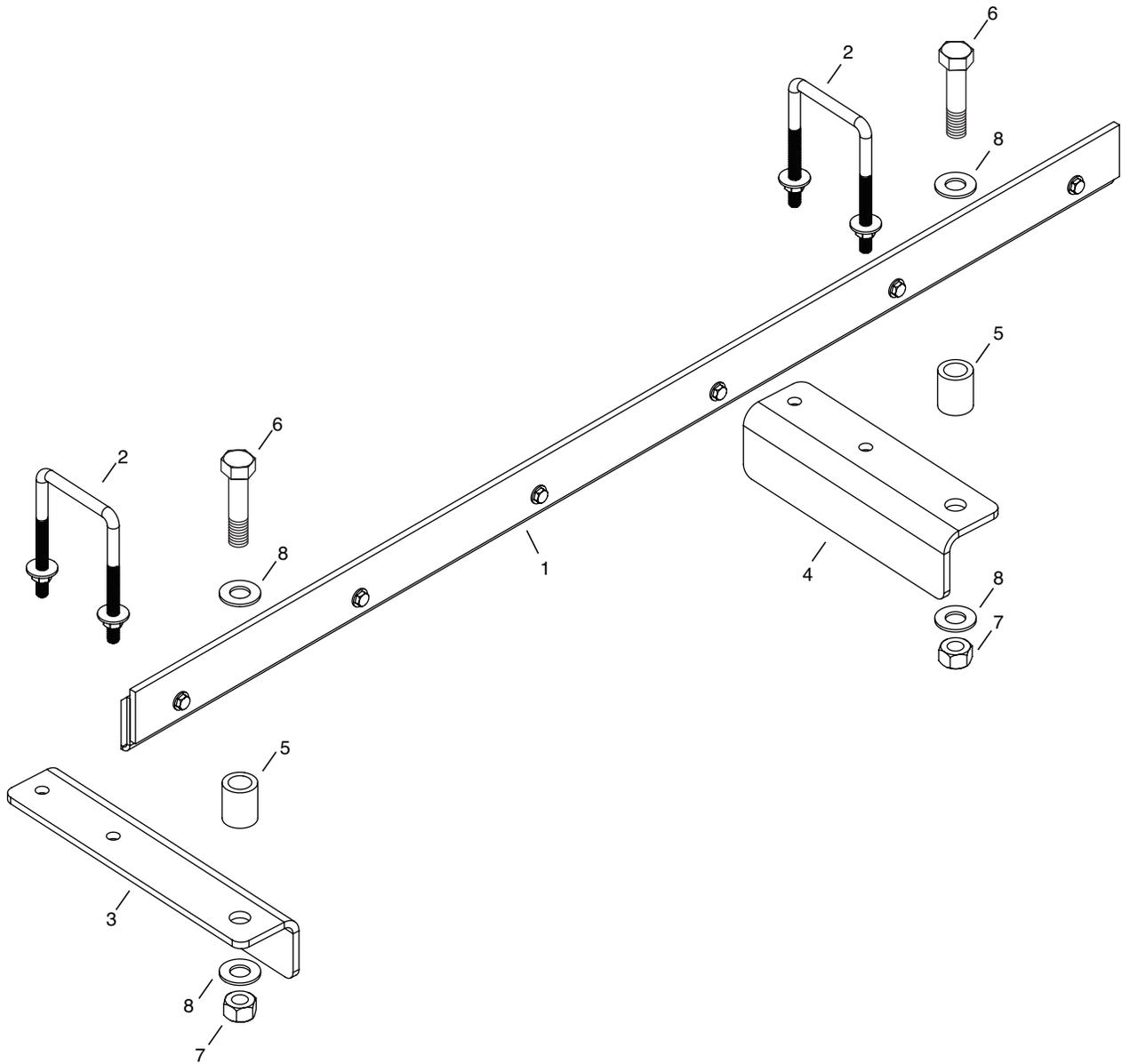
Rear Conveyor Subassembly - Trailer
5017089

REF	PART NO.	QTY	DESCRIPTION	REF	AUBURN PART NO.	QTY	DESCRIPTION
1	5016290	1	Carrier Asm-Rear, 667x Chain, 42"	34	617167	1	Shaft or Spindle-Output
2	5016413	1	Plate-Bearing Slot Cover, Thr	35	14-00-044-011	1	Seal-Oil
3	5017112	1	Plate-Bearing Slot Cover, Thr	36	613329SH	1	Cone-Bearing, 14-00-133-007
4	5016254	1	Formed-Crossmember, Rear	37	613328SH	1	Cup-Bearing, 14-00-133-006
5	6420207	1	Bearing-Flg, 4Blt, Dbl Tpr, 2.94	38	617954	1	Hub-9.0"
6	5000530	2	Polymer-Crossmember, Rear	39	613352SH	1	Cup-Bearing, 613314
7	5009734	4	Plate-Belt Support	40	613353SH	1	Cone-Bearing, 613315
8	5006430	1	Spacer	41	619320	1	Washer-Thrust, 9.0"
9	5006431	1	Spacer	42	605003	1	Washer-Lock
10	5007090	1	Spacer-3/16, Gearbox	43	614912	1	Nut-Bearing
11	5007093	1	Spacer-12Ga, Gearbox	44	03-04-101-09	2	Plug-Pipe, 1/8-27
12	5007088	1	Spacer-3/16, Shaft End	45	14-00-047-002	24	Washer-Flat
13	5017110	1	Plate-Bearing Adjustment	46	14-00-052-002	1	Plug-Pipe, 1/2-14, Magnet
14	0120377	2	Nut-Hex, 0.375"NC	47	618319	24	Bolt-Hex Head, Gr8
15	6100629	2	Screw-Hex, 0.38"NC x 2.5", Gr5	48	03-04-101-01	1	Plug-Pipe, 1/2-14
16	5016347	1	Idler Asm-RR, Rubber Lagged, 42"	49	603958	1	Cover-9.0"
17	6420219	1	Flange Brg-Ball, 4 Blt, 2.44	50	14-00-193-003	1	Washer-Thrust
18	0124589	8	Nut-Hex, Lock, 0.62"NC, EA, PD	51	6165103	1	Gear-Primary, Sun, 9.0"
19	0223513	8	Screw-Hex, 0.62"NC x 1.25", Gr8, PD	52	665993	1	Carrier Asm-Primary, 9.0"
20	0121574	9	Washer-Lock, 0.62" Spring, PD	53	665994	1	Carrier Asm-Secondary, 9.0"
21	6430388	1	Sprocket, #100-1.25" Pitch	54	616231	1	Ring-Gear-9.0"
22	6430390	1	Chain-Roller, #100-1				
23	7230267	1	O-Ring, Viton				
24	6603605	1	Motor-Hyd, LSHT, 15.26 CI, SAE "A"				
	7050985	1	Seal Kit				
25	6415133	1	Gearbox-Planetary, 31.5:1, #9 (Includes Ref 34-54)				
	6415145	1	Washer-Thrust				
	6415139	1	Seal-Shaft				
26	6430389	1	Sprocket, #100-1.25" Pitch				
27	6002912	2	Key-0.625 x 0.625 x 2.0				
28	6420347	1	Bearing-Flg, 4Blt				
29	9419530	4	Nut-Hex, Lock, 0.625"NC, PD				
30	0130999	8	Washer-Flat, SAE STD, 0.625				
31	6001087	4	Screw-Hex, 0.625"UNC x 3.0", Gr8, PD				
32	0180122	8	Screw-Hex, 0.38"NC x 1.0", Gr5, PD				
33	0120377	8	Nut-Hex, 0.38"NC, PD				

CONVEYOR

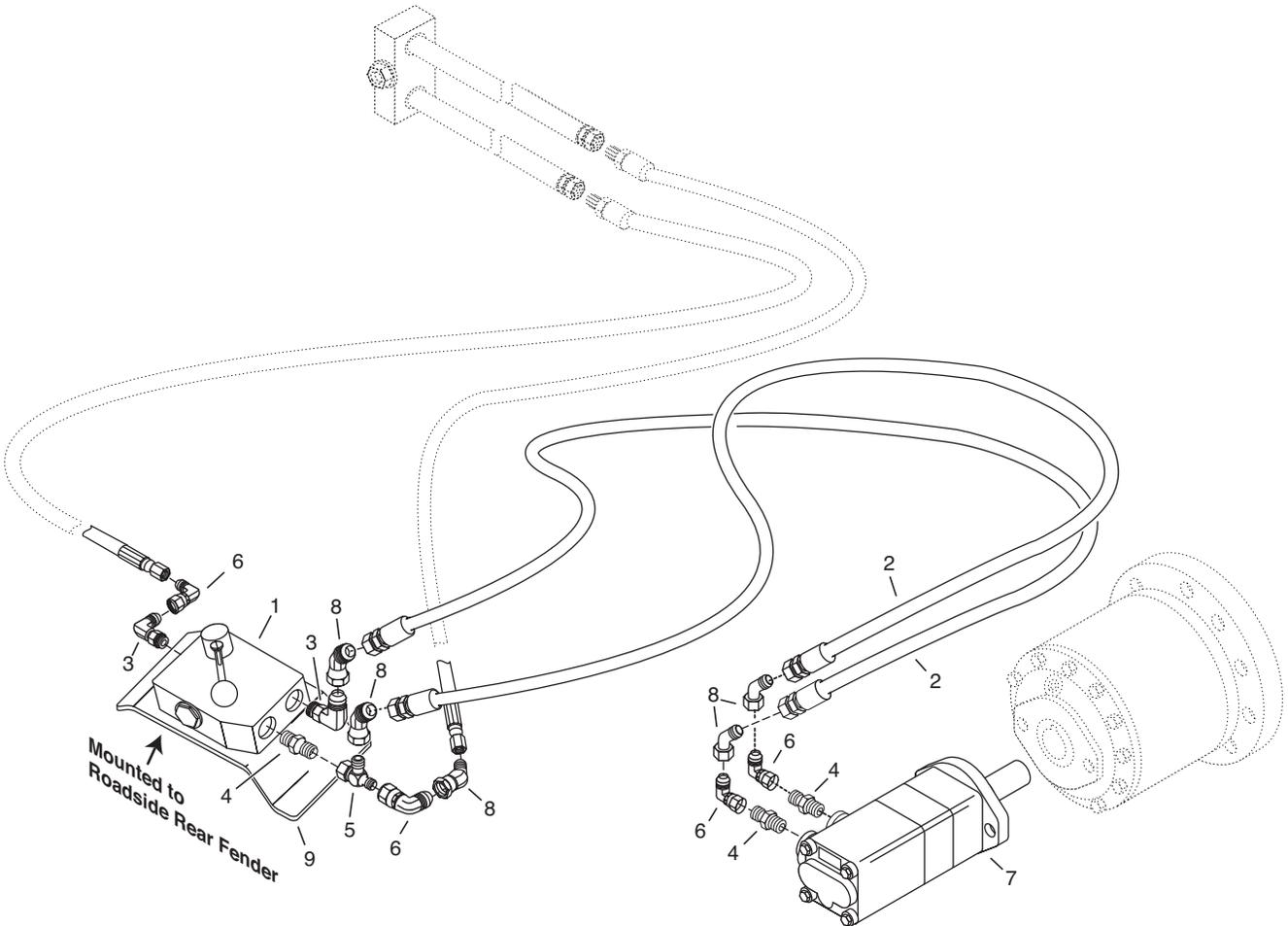
Rear Belt Scraper Assembly

5017451



REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	5017452	1	Rear Scraper Asm				
2	6002671	2	U-Bolt, Square, 0.38 x 3 x 4.625, ZP				
3	5017453	1	Scraper Mtg Brkt, LH				
4	5017454	1	Scraper Mtg Brkt, RH				
5	5017148	1	Bushing-Spacer				
6	6001087	2	Screw-Hex, 0.625"UNC x 3.0", Gr8, PD				
7	9413948	2	Nut-Hex, Lock, 0.625"NC, PD				
8	0130999-CR	4	Washer-Flat, SAE STD, 0.625"				

Hydraulic Rear Speed Control Option

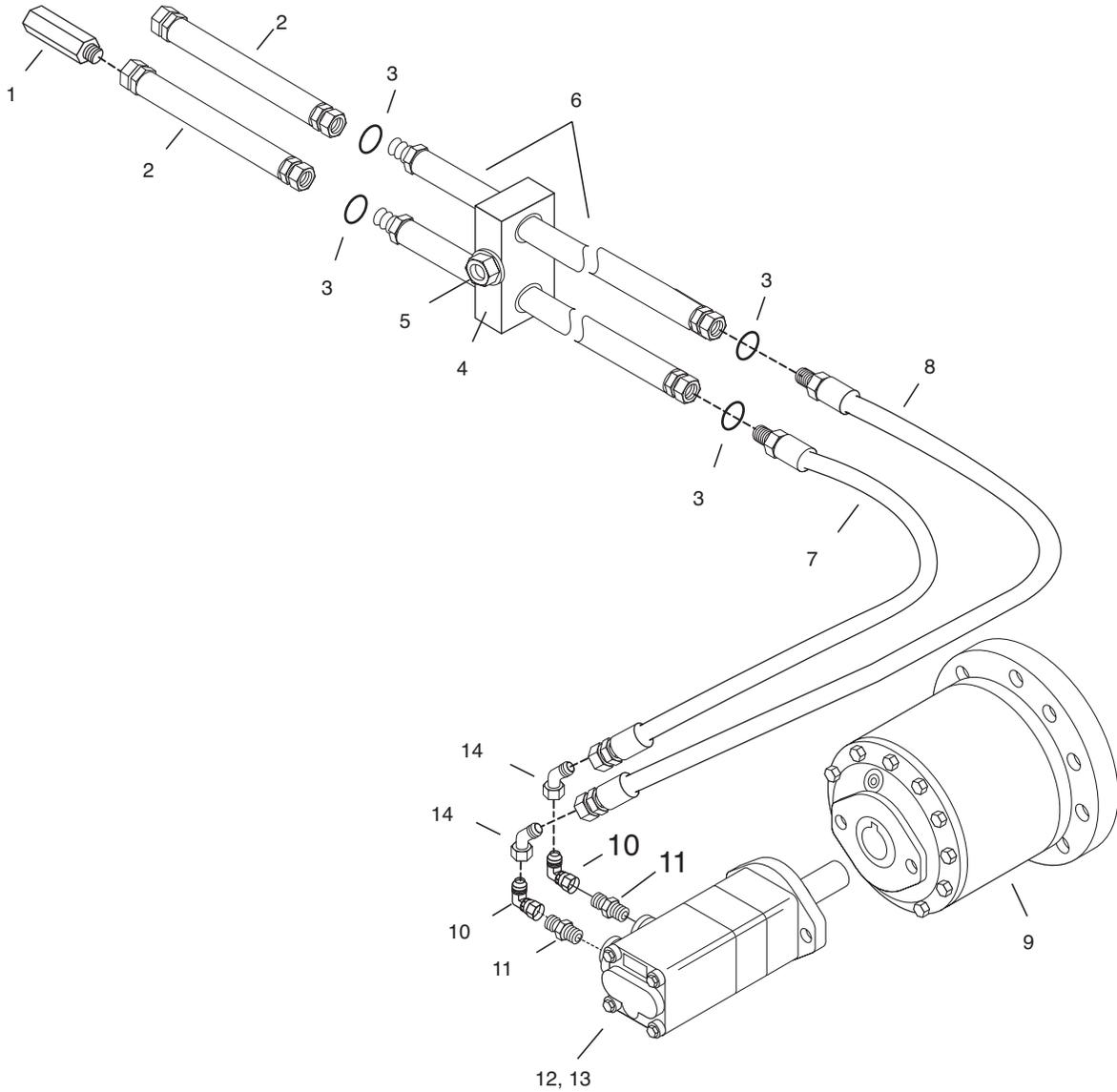


HYDRAULIC

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	6603251	1	Valve-Priority Flow, Spd Control	5	9410335	1	Tee-Hydr, 12MJ-12MJ-12FJX
	PD11474	1	Seal Kit	6	9410283	4	Elbow-Hydr, 90, 12FJX-12MJ
2	5003512	2	Hose Asm-12 x 50, 12FJX-12FJX	7	6603605	1	Motor-Hyd, LSHT, 15.26 Cu In, SAE A
	5007100	2	Hose Asm-12 x 34, 12FJX-12FJX		7050985	1	Seal Kit
3	9410979	2	Elbow-Hyd, 90, 12MB-12MJ	8	9410257	5	Elbow-Hyd, 45, 12FJX-12MJ
4	9410205	3	Adapter-Hydr, St, 12MB-12MJ	9	5012359	1	Bracket-Priority Flow Valve

Specify Unit Serial No., Part No., & Part Description

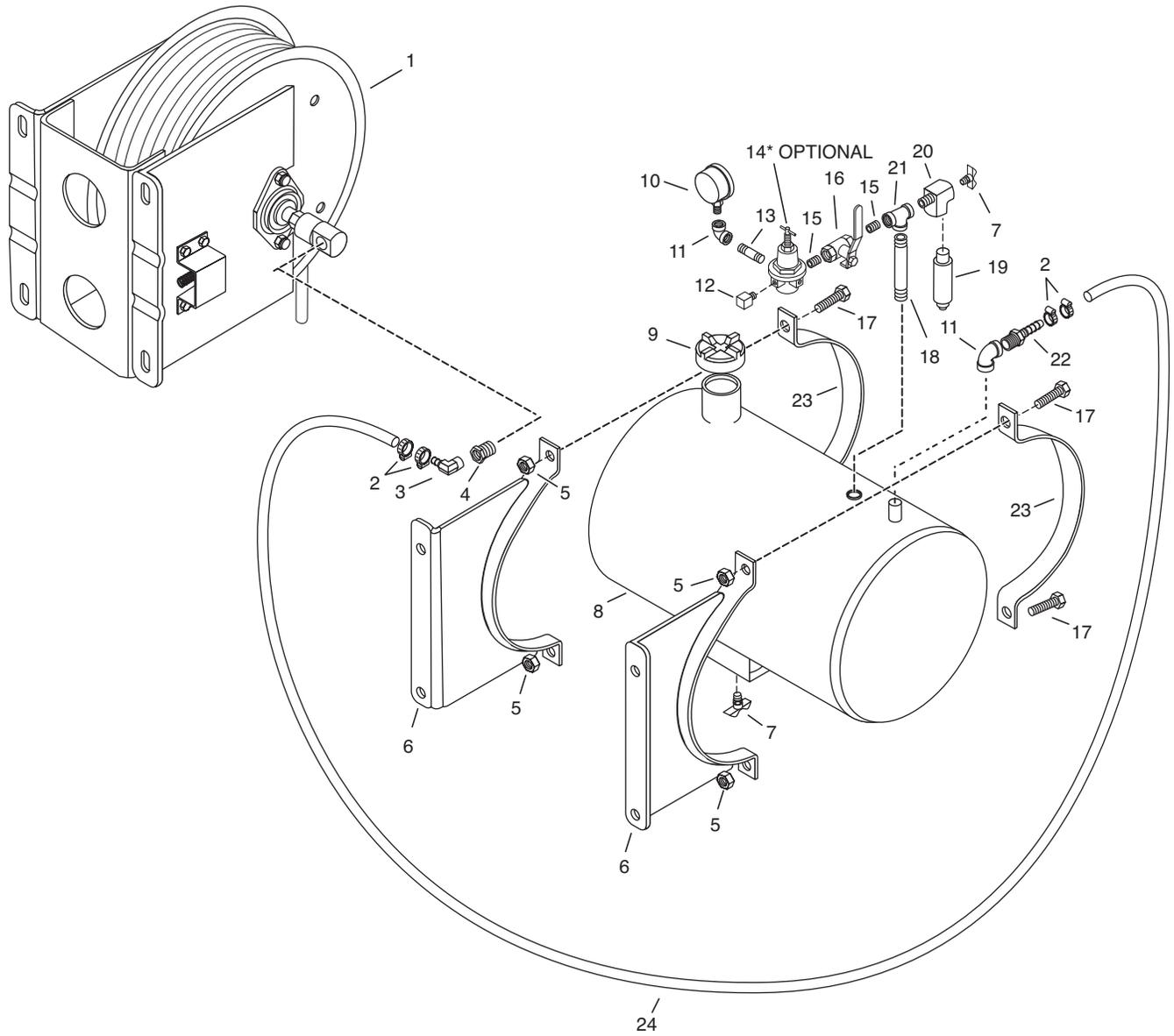
Hydraulics



REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	6602591	1	Check Valve, 16FB-16MJ	12	6603605	1	Motor-Hyd, LSHT, 15.26 CI, SAE "A"
2	5004915	2	Hose Asm-Hyd, HP, 66.0"		7050985		Seal Kit for Motor
3	6604049	4	O-Ring, 16 ORFS	13	6602264	1	O Ring-568, 2-159, 5.18ID, 0.094
4	6001997	AR	Clamp-Tube, Double, 1" OD	14	9410257	2	Elbow-Hyd, 45, 12FJX-12MJ
5	6100738	AR	Screw-Hex, Self Tap, 0.31" x 2.5"				AR = As Required
6	6201073	AR	Steel Lines-Hyd, 16 ORFS, 10'				
	6604075	AR	Steel Lines-Hyd, 16 ORFS, 8'				
7	5004911	1	Hose-Hyd Asm, HP				
8	5004910	1	Hose-Hyd Asm, HP				
9	6415133	1	Gear Box-Planetary, 31.5:1, Hyd #9				
10	9410283	2	Elbow-Hyd, 90, 12FJX-12MJ				
11	6600910	2	Adapter-Hydr, St, 10MB-12MJ				
				12, 13			

HYDRAULIC

Diesel Fuel Tank & Washdown System

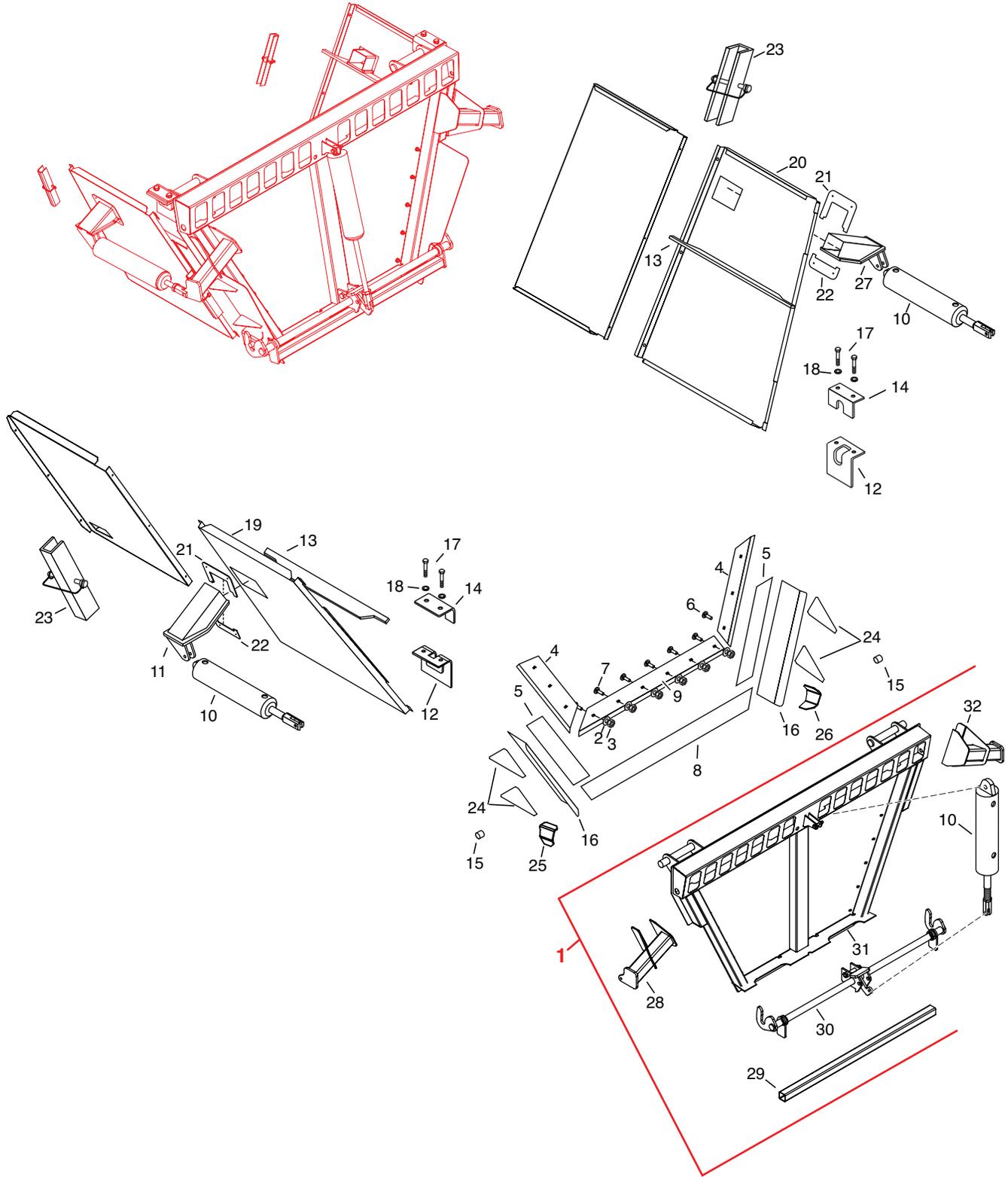


WASHDOWN

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	6603816	1	Optional Hose Reel	13	0192052	1	Nipple-PP, Sch 40, 0.25" x 1.50", PD
2	6001005	4	Clamp-Hose	14	6450577	1	Regulator-Pressure - OPTIONAL
3	6602400	1	Hose End-1/4" Hose x 0.25"MPT, 90	15	6200292	2	Nipple-PP, Sch 80, 0.25" x 0.87", CL, PD
4	0144036	1	Bushing-Pipe, 0.38" x 0.25"NPT, PD	16	6500366	1	Valve-Ball, 0.25", Jomar T-100
5	0120378	4	Nut-Hex, 0.50"NC	17	Q018590	4	Capscrew-0.50"UNC x 2.50" Long, Gr 5
6	5011381	2	Bracket Asm-Tank, Fuel, 12"	18	6200418	1	Nipple-PP, Sch 80, 0.25" x 3.0", PD
7	6600162	2	Cock-Drain, 1/4"	19	6200470	1	Valve-Safety, 275362 BW
8	4050196	1	Tank Asm-Fuel, 12" Dia	20	Q461540	1	Tee-Brass, 04MP-04FP-04FP
9	6100235	1	Cap-Filler Fuel Tank	21	0144083	1	Tee-Pipe, 0.25"NPT, PD
10	6600196	1	Gage-Pressure, 2", 0-100 PSI	22	6445028	1	Hose End-04 x 04MP, ST, LP
11	0144127	2	Elbow-Pipe, 90, 0.25"NPT, PD	23	5009386	2	Band-Support, Fuel Tank, 12.0"
12	Q402138	1	Elbow, Street, 0.25"NPT	24	6601452	46	Hose-Fuel, 0.25"

High Lift Doors - 8'-6" Wide

5018424



TRAILER

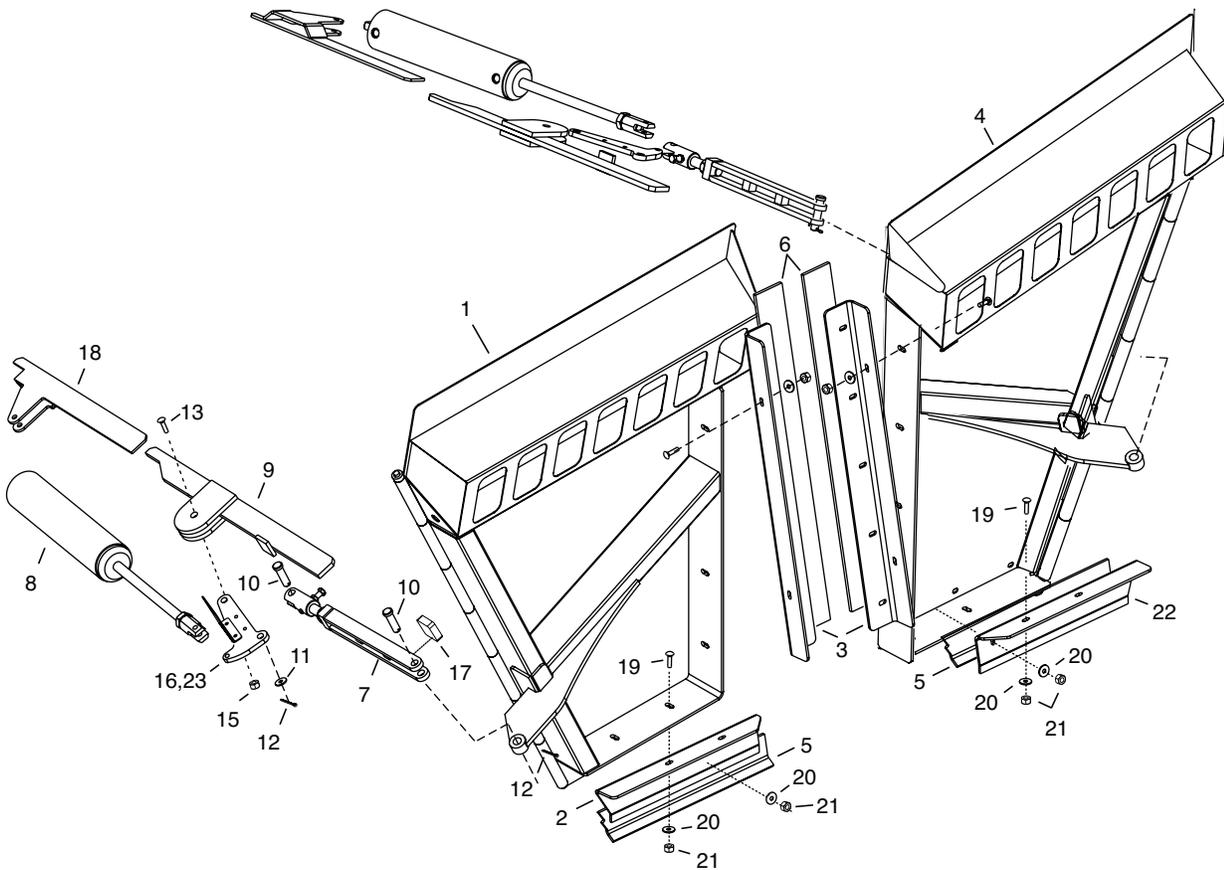
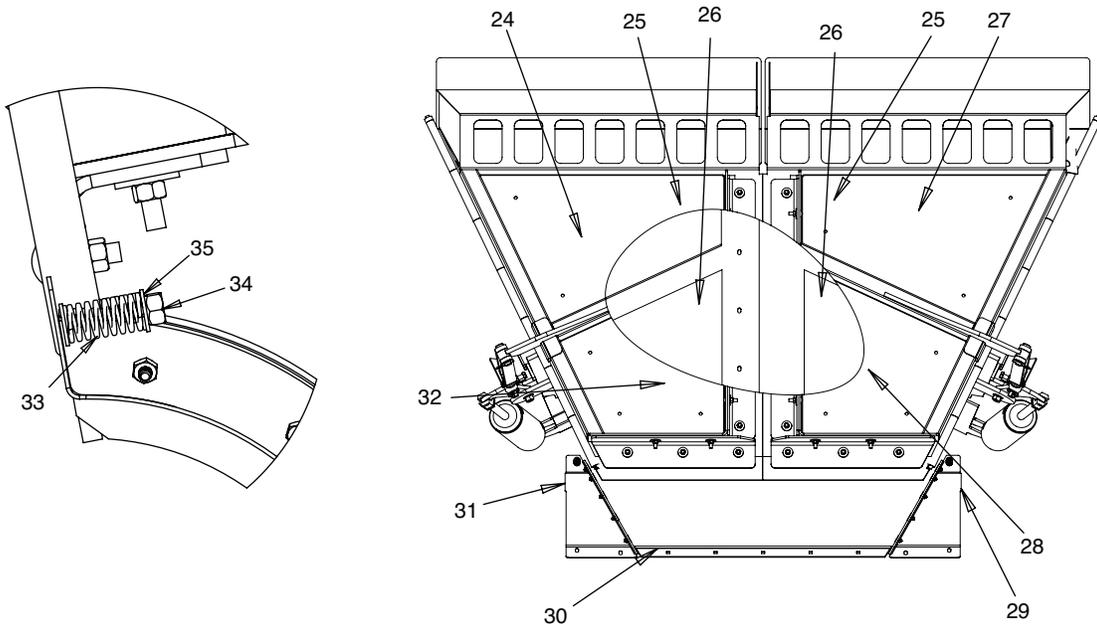
High Lift Doors - 8'-6" Wide

5018424

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	5018429	1	Door Asm-8'6", High Lift <i>(Includes Ref 28-32, Does not include Ref 10)</i>				
2	0120388	12	Washer-Flat, SAE STD, 0.375"				
3	0274993	12	Nut-Hex, Lock, 0.375"NC, PD				
4	5012329	2	Flashing-CVR, Bi-fold Gate, Lower				
5	5012331	2	Flashing-Bi-fold Tailgate, Lower				
6	6100688	6	Screw-RdSqNkBlt, 0.38"NC x 1.25", PD				
7	6100735	6	Screw-RdSqNkBlt, 0.38"BC x 1.50", PD				
8	5012332	1	Flashing-Bi-fold Tailgate, Lower				
9	5012330	1	Flashing-CVR, Bi-Fold Gate, Lower				
10	6603767	3	Air Cylinder, 4"B x 14" Stroke				
	6602588	3	Clevis				
	6100631	3	Pin				
11	5012333	1	Mounting Asm-Cylinder, LH				
12	5012413	2	Door Pivot Weld				
13	5012338	2	Brace-Hinge				
14	5012340	2	Door Pivot Bracket				
15	5001503	2	Boss				
16	5014115	2	Plate-end, Bin				
17	0271723	4	Capscrew-Gr5, 0.625"UNC x 2.0"				
18	0121574	4	Washer-Lock, Spring, 0.63"				
19	5018445	1	Aluminum Side Panel, LH				
20	5018447	1	Aluminum Side Panel, RH				
21	5012255	2	Finishing Ring, Panel				
22	5012408	2	Finishing Ring, Panel				
23	5005003	2	Door Lock Asm				
24	5014116	4	Plate-Door Indicator				
25	5018204	1	Bracket Lock-LH				
26	5018205	1	Bracket Lock-RH				
27	5018449	1	Mounting Asm-Cylinder, RH				
28	5018438	1	High Lift Door Arm, LH				
29	5012323	1	Frame Tube				
30	5012322	1	Swivel Asm-Tailgate				
31	5018430	1	Tailgate Asm-One Piece				
32	5018439	1	High Lift Door Arm, RH				

TRAILER

2.5M Wide Trailer Twin Doors



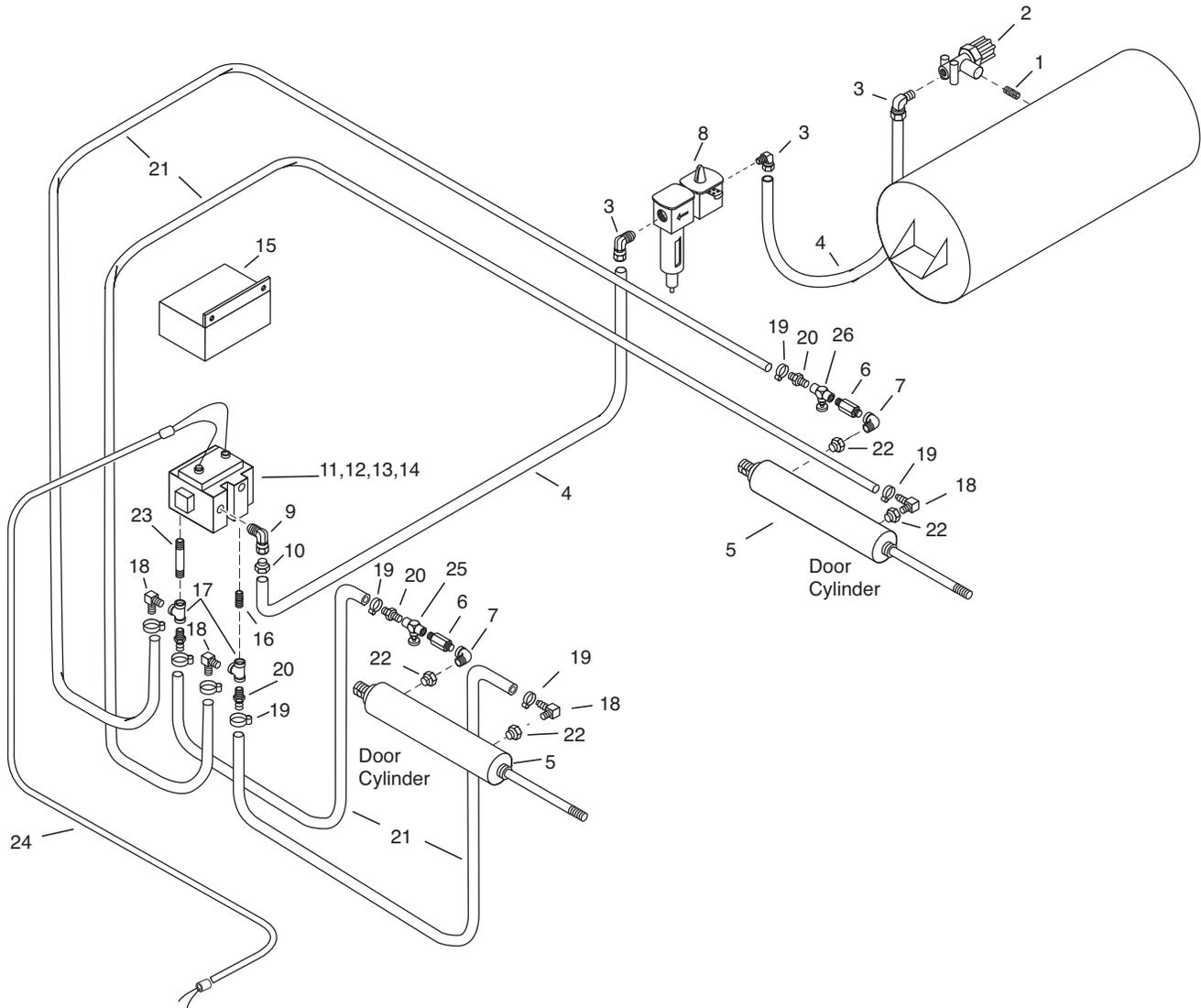
TRAILER

2.5M Wide Trailer Twin Doors

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	5018383	1	Door Assembly-LH, 2.5M, Twin				
2	5015077	1	Framemember-LB, Gate				
3	5015119	2	Framemember-Vertical, 4.0"				
4	5018384	1	Door Assembly-RH, 2.5M, Twin				
5	5015126	2	Flashing-Rubber, Bottom Rear Door				
6	5015118	2	Flashing-Rubber, Side Rear Door				
7	5002908	2	Link Assembly-Cargo Door				
8	6603767	2	Air Cylinder-4.0"B x 14.0" Stroke				
9	5017113	2	Weldment, Brkt-Linkage, Cargo Door				
10	6100632	4	Pin-Clevis, 0.75" Diameter x 2.5" Long				
11	0131000	4	Washer-Flat, SAE STD, 0.75"				
12	0103411	4	Pin-Cotter, 0.188" x 2.0"				
13	6100623	2	Bolt-Shoulder, 0.75" x 1.5", Hex Head				
14	0130999	2	Washer-Flat, SAE STD, 0.625"				
15	9413948	2	Nut-Hex, Lock, 0.625"NC, PD				
16	5001299	2	Link-Cylinder				
17	5018225	2	Plate-Door Stop				
18	5011732	2	Weldment, Bracket-Cylinder Mounting				
19	6000737	28	Bolt-Carriage, Gr5, 0.38"NC x 1.5" Lg				
20	9417793	28	Washer-Flat, 0.38 (0.41 x 1.25), PD				
21	0120377-CR	28	Nut-Hex, 0.375"NC, PCR				
22	5015096	1	Frame member, LB, Gate				
23	5014934	2	Plate-Door Indicator				
24	5018369	1	Panel-Alum, Top, LH, T/GA				
25	5018367	2	Panel-Insulation, Top, T/GA				
26	5018368	2	Panel-Insulation, Bottom, T/GA				
27	5018412	1	Panel-Alum, Top, RH, T/GA				
28	5018413	1	Panel-Alum, Bottom, RH, T/GA				
29	5016308	1	Shield-Side, RH				
30	5015133	1	Cover-Conveyor End Flashing				
31	5016388	1	Shield-Side, LH				
32	5018370	1	Panel-Alum, Bottom, LH, T/GA				
33	6002009	2	Spring-3/4 x 1-1/2, 75# Load				
34	0274993	2	Nut-Hex, Lock, 0.375"NC, PD				
35	0274517	4	Washer-Flat, 0.375", B, PD				

TRAILER

Air System Twin Doors Electric-Piloted Solenoid - 5009898

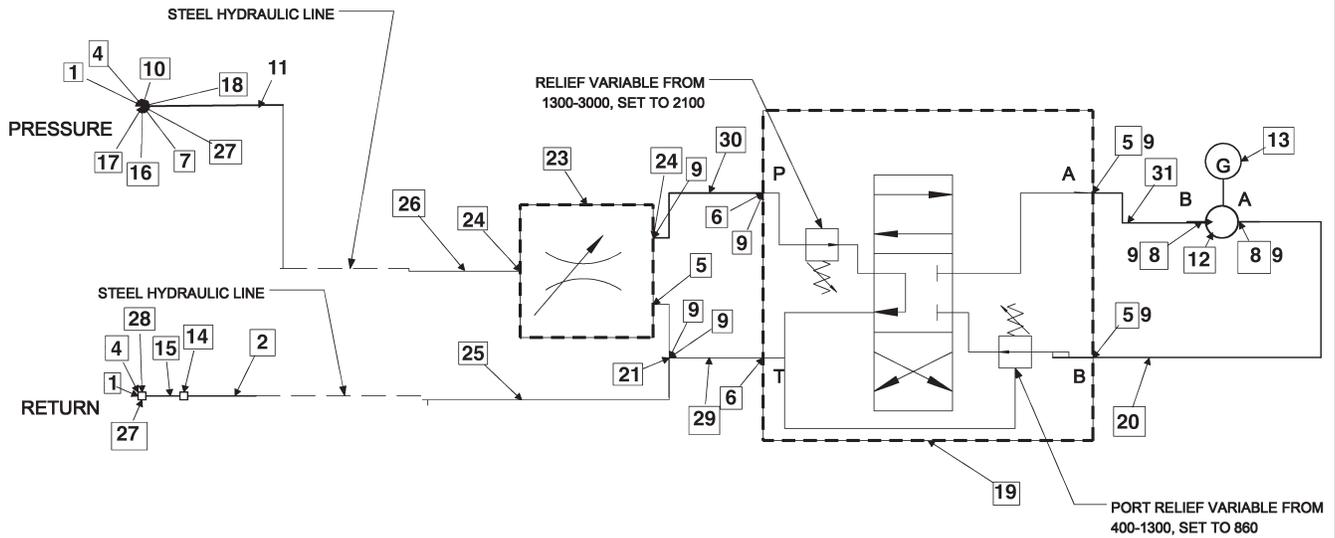


REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	0105405	1	Nipple-Sch 40, 0.25 x 0.88 CL, PN	15	5007104	1	Cover Asm- Door Valve
2	6600304	1	Valve-Pressure Protection Regulator	16	0105405	1	Nipple-Sch 70, 0.25" x 0.87", CL, PN
3	6604256	3	Elbow-Arbk, 90, 04MP-06MT	17	0144083	2	Tee-Pipe, 0.25" NPT, PD
4	6309162	30	Tube-Nylon, Air, 0.38", Generic	18	6602400	4	Hose Barb-04 x 04MP, 90, LP
5	6603767	2	Air Cylinder, 4 x 14	19	6001005	8	Clamp-Hose, Screw Type, M5
	PD11377	AR	Seal Kit	20	6445028	4	Hose End-04 x 04MP, ST, LP
6	4470350	2	Nipple-Hex, 0.25" x 1.125"	21	6601452	60	Hose-Fuel/Air, 0.25" ID/Ft
7	Q402138	2	Elbow-Street, 0.25" NPT	22	0144215	4	Bushing-Pipe, 0.50 x 0.25NPT, Galv.
8	6604554	1	Air Control Asm	23	6200418	1	Nipple-PP, KSch 80, 0.25" x 3.0", PD
9	6604255	1	Elbow-Arbk, 90, 06MP - 06MT	24	6704749	1	Harness-18/2, 96.0"
10	0119931	1	Bushing-Pipe, 0.38" x 0.25"NPT, PN	25	6500064	2	Valve-Needle, 0.25"NPT, 0.25" Pilot
11	6604390	1	Valve-Air, 2 Pos, 4 Way, 12 VDC, Mac				
	6602936	1	Valve-Air, 2 Pos, 4 Way, Mac				
12	6601456	1	Plate-End				
13	5007103	1	Plate-Air Valve Mtg				
14	3301249	1	Valve-Mtg Clamp				

AIR SYSTEM

Reversing Valve & Flow Control Hydraulic Schematic

5015165



16	2	0138584	WASHER-LOCK,1 1/4" TOOTH,INTNL				
15	1	6602585	ADAPTER-HYD,ST,16MB-16FJX	31	1	5005927	HYDR HOSE ASM-HP,LBTRL X 27"
14	1	6602591	CHECK VALVE,16FB-16MJ	30	1	2790343	HOSE ASM-12 X 22,12FJX-12FJX
13	REF	6415133	GEAR BOX-PLANET,31:1HYD,#8	29	1	3180686	HOSE ASM-12X17,12FJX-12FJX
12	REF	6603605	MOTOR-HYD,LSHT,12.2 CI,SAE A	28	1	9410285	ELBOW-HYDR,90,16FJX-16MJ
11	1	5006357	HYDR HOSE ASM-HP,LBTRL	27	2	9402713	ADAPTER-HYDR,ST,16MJ-16MP
10	1	6602759	GAUGE-PRESS,2.5IN,0-3000 PSIG	26	1	5004911	HYD. HOSE ASM
9	8	9410283	ELBOW-HYDR,90,12FJX-12MJ	25	1	5004910	HYD. HOSE ASM
8	2	6600910	ADAPTER-HYDR,ST,10MB-12MJ	24	2	9410979	ELBOW-HYDR,90,12MB-12MJ
7	1	5006533	REWORK-ELBOW-DRILL+TAP	23	1	6603251	VALVE-HCI,CONVERTOR SPD CONT
6	2	6602456	ELBOW-HYDR,90,16MB-12MJ	22	1	9410363	PLUG-HYDR,16MB
5	3	9410205	ADAPTER-HYDR,ST,12MB-12MJ66009	21	1	9410335	TEE-HYDR,12MJ-12FJX-12MJ
4	2	6602589	BULKHEAD-HYD,ST,16MJ-16MP	20	1	2660179	HOSE ASM-12X24,12FJX-12FJX
3	10	6000058	CLA1.25RUB TUBE,BERG#1511-8	19	1	6605125	VLV-30GPM,3000PSI,REVERSING
2	1	5004915	HYDR HOSE ASM-HP,LBTRL	18	1	0144068	COUPLING-PIPE,0.25NPT,PD
1	2	0108689	CAP-PIPE,1.00NPT,PN	17	1	0192057	NIPPLE-PP,SCH 40,0.25X4.00,PD
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0105405	20	5000721	8	5012333	17	5016527	7	6100629	11
0119931	20	5000721	9	5012338	17	5016528	7	6100630	7
0120377	7	5000873	5	5012340	17	5016655	7	6100631	17
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0274517	19	5009618	7	5016254	11	6001005	20	6600304	20
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Q402138	15								
Q402138	20								
Q451435	5								
Q451436	5								
Q461540	15								
V1534DB	5								



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Page Number	Reference Number	Paragraph Number	Figure Number	Problem (please be specific)