

M-208-04R1

FIXED HOPPER CHIPSPREADER 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)** Is shipment to be prepaid or collect? **4)** Serial numbers of units to which parts apply. **5)** Complete part numbers and descriptions. **6)** Any special instructions. Part numbers beginning with 9250000 are category numbers and must include descriptive term to complete the order (such as, length, color, etc.). These items when listed in the parts manual will indicate what information must be included.

Specify unit serial number when ordering parts!

WARRANTY

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

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.

This warranty does not obligate the Company to bear the cost of machine transportation in connection with the replacement or repair of defective parts, nor does it guarantee repair or replacement of any parts on which unauthorized repairs or alterations have been made or for components not manufactured by the Company except to the extent of the warranty given by the original Manufacturer.

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.



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

1333 S. Daysville Road Phone: 815-732-2116 or 800-995-2116

Fax: Main Office 815-732-4277 Fax: Sales and Service 815-732-7400 Fax: Parts Dept Only 800-521-1107

E Mail: sales@etnyre.com Web Site: www.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 too-free at 1-800-424-9393 (or 366-0123 in the Washington, D.C. area). Or, you may write to: U.S. Department of Transportation, Washington, D.C. 20696. You may also obtain other information about motor vehicle safety from the Auto Safety Hotline.

E.D. Etnyre & Co., Oregon, Illinois 61061, Phone Area Code 815-732-2116, Cable Address "EDECO".CALIFORNIA

PROPOSITION 65 WARNING

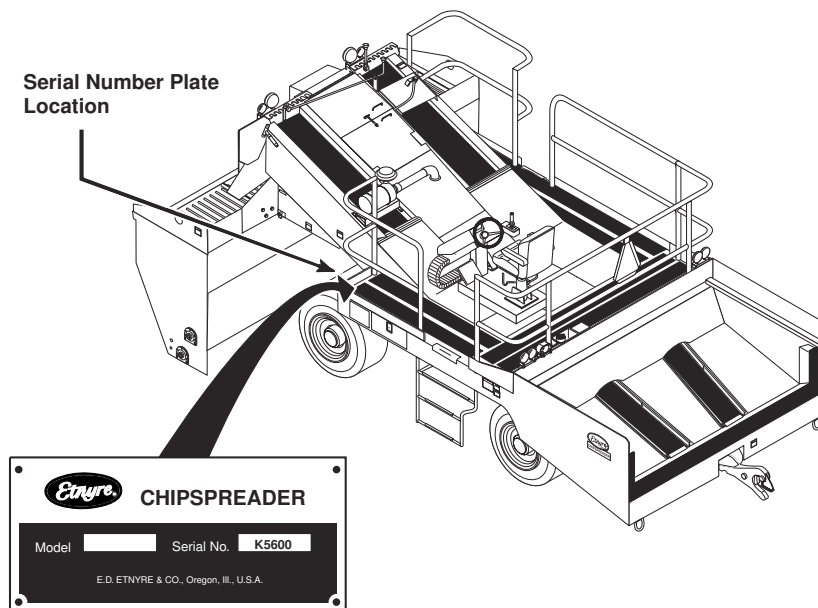
Diesel Engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, and other reproductive harm.

Please note this warning and remember -

Always start and operate the engine in a well-ventilated area;

If in an enclosed area, vent the exhaust to the outside;

Do not modify or tamper with the exhaust system.



WARNING

Fluoroelastomer handling

Some "O" rings and seals used in this vehicle are made from fluoroelastomers. When used under design conditions, fluoroelastomers do not require special handling. However, when fluoroelastomers are heated to temperatures beyond their design temperature (around 600 degrees Fahrenheit), decomposition may occur with the formation of hydrofluoric acid.

Hydrofluoric acid can be extremely corrosive to human tissue if not handled properly.

A degraded seal may appear as a charred or black sticky mass. Do not touch either the seal or the surrounding equipment without wearing neoprene or PVC gloves if degradation is suspected. Wash parts and equipment with 10% lime water (calcium hydroxide solution) to neutralize any hydrofluoric acid.

If contact with the skin occurs, wash the affected areas immediately with water. Then rub a 2.5 calcium gluconate gel into the skin until there is no further irritation, while seeking prompt medical attention.

Note to physicians: For advice or treatment of HF Burns, call the DuPont Medical Emergency Number 1-800-441-3637.

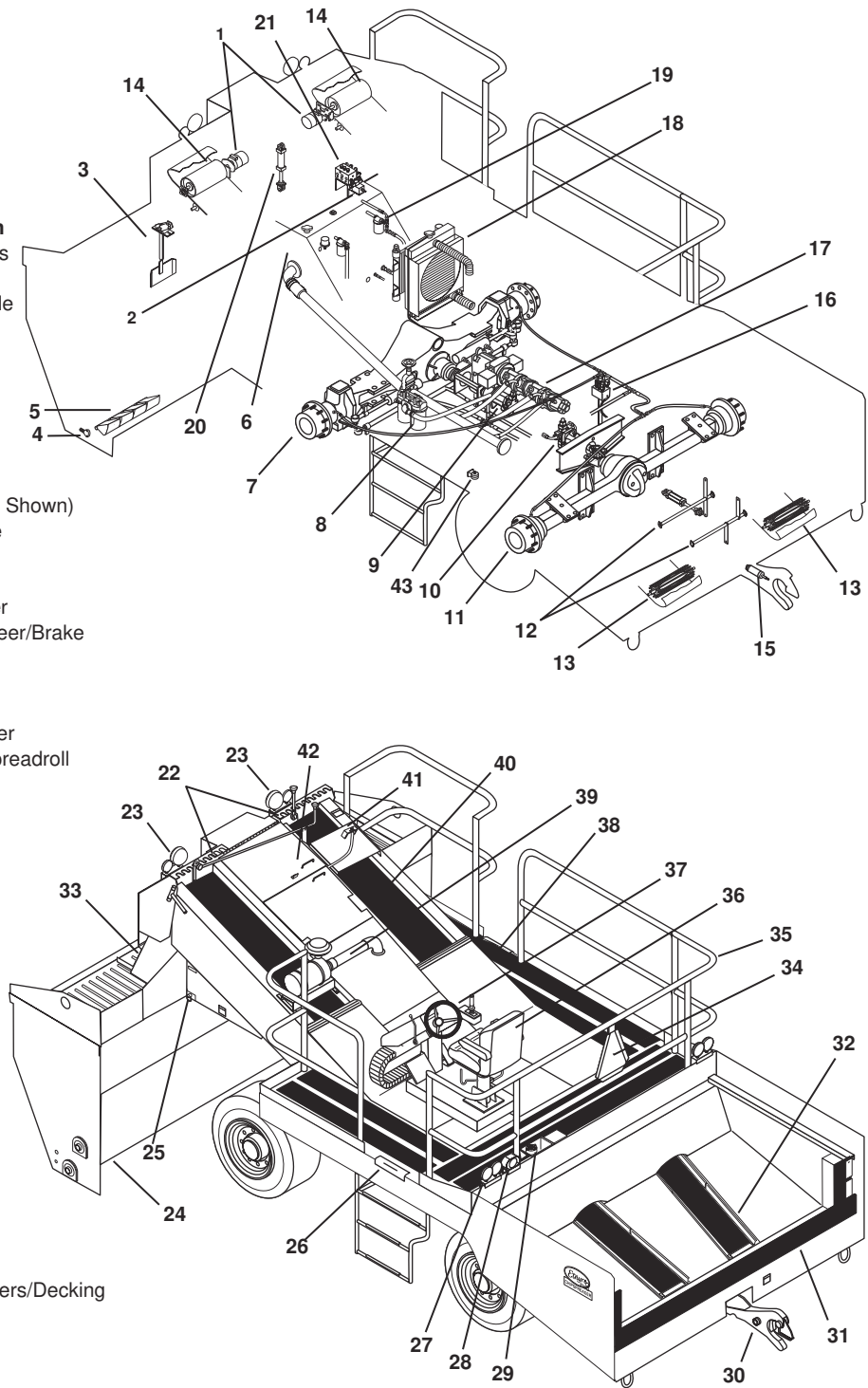
This manual covers standard features and options. If your unit incorporates custom features, some of the information contained in this manual may not apply. If you have any questions regarding this manual or your unit, contact your dealer or the E. D. Etnyre Service Department at 1-800-995-2116

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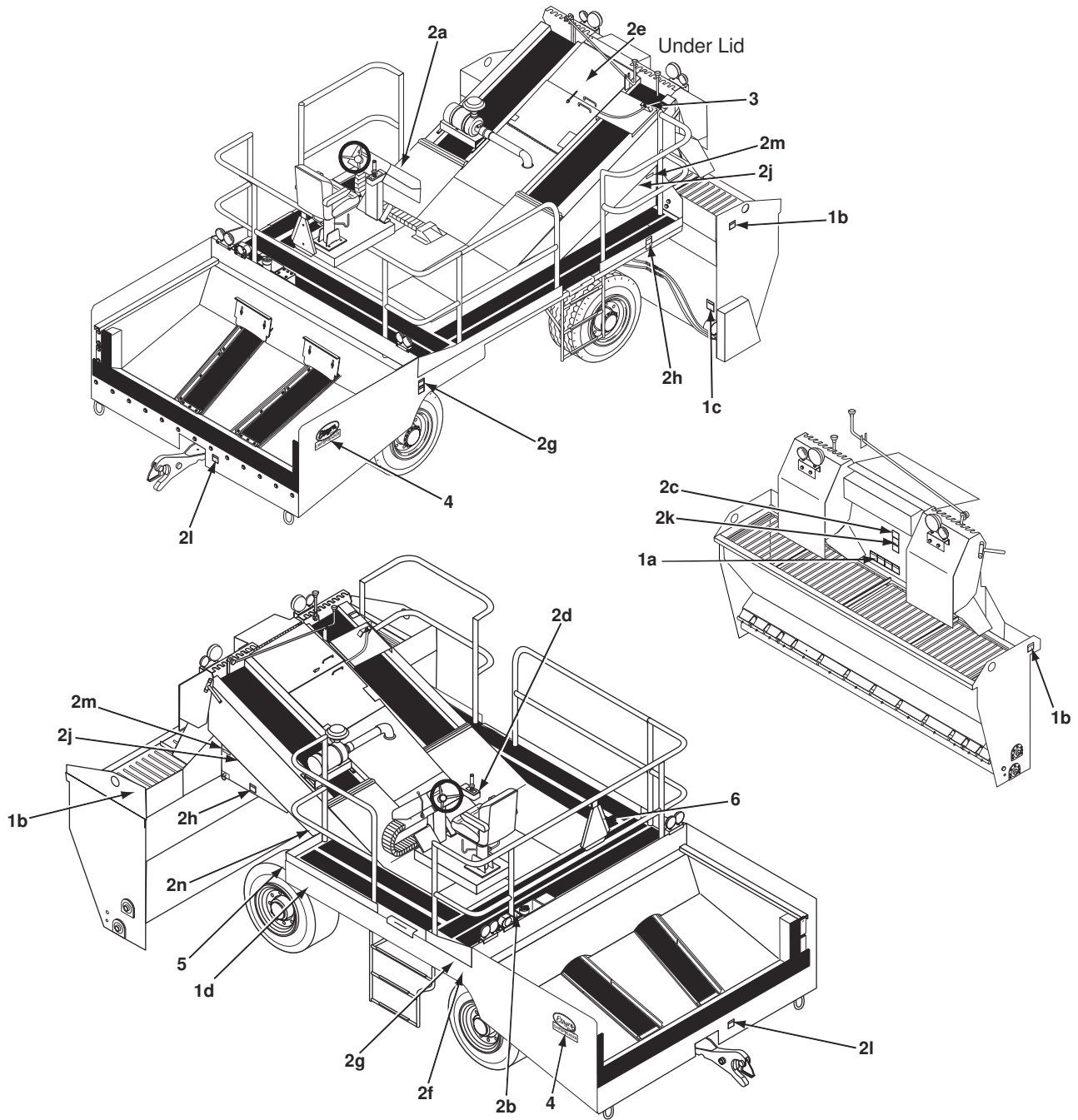
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General Identification

Ref	Qty	Description
1	2	Conveyor Drive Motors
2	1	Valve
3	2	Material Control Paddle
4	1	Gate Transducer
5	AR	Gates
6	1	Hydraulic Reservoir
7	1	Front Axle Drive
8	2	Suction Filter
9	1	Front Hydraulic Motor
10	1	Rear Hydraulic Motor
11	1	Rear Axle Drive (4WD Shown)
12	2	Hitch Position Linkage
13	2	Tail Pulley Asm
14	2	Head Pulley Asm
15	1	Hitch Release Cylinder
16	1	Manifold-Hitch/Pwr Steer/Brake
17	3	Hydraulic Pumps
18	1	Radiator
19	2	Return Filter
20	1	Gate Actuating Cylinder
21	1	Manifold-Conveyor/Spreadroll
22	2	Conveyor Hood
23	2	Head Light
24	1	Hopper Asm
25	2	Hopper Latch Pin
26	2	Rough Tread Step
27	2	Tail Light
28	1	Back Up Alarm
29	1	Fuel Tank
30	1	Hitch
31	AR	Rear Lining
32	AR	Flashing
33	2	Material Separator
34	1	Slow Moving Emblem
35	4	Handrails
36	1	Seat Assembly
37	1	Control Console Asm
38	AR	Rough Tread
39	1	Air Intake Asm
40	2	Conveyor Belt
41	1	Hitch Release
42	10	Engine/Conveyor Covers/Decking
43	1	Horn



Caution And Instruction Plates



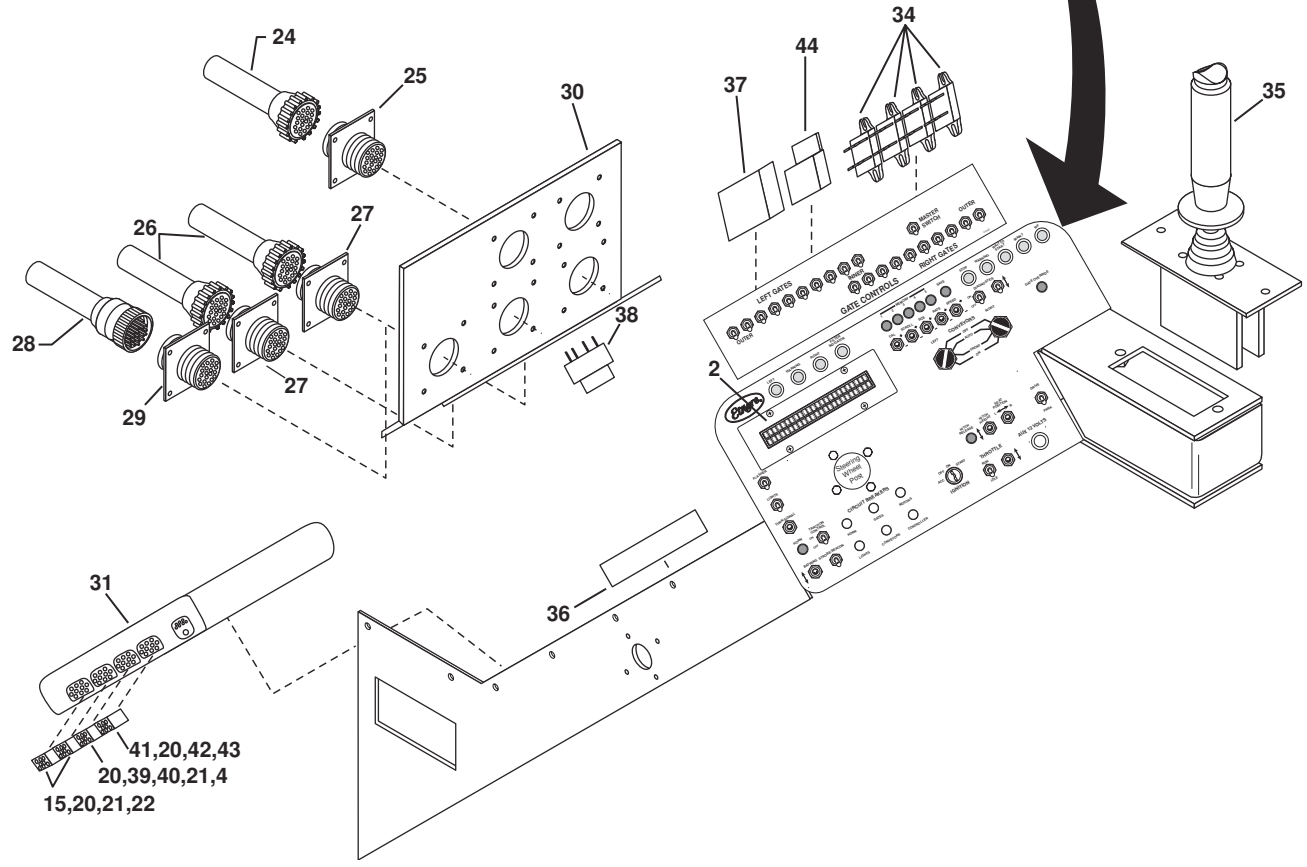
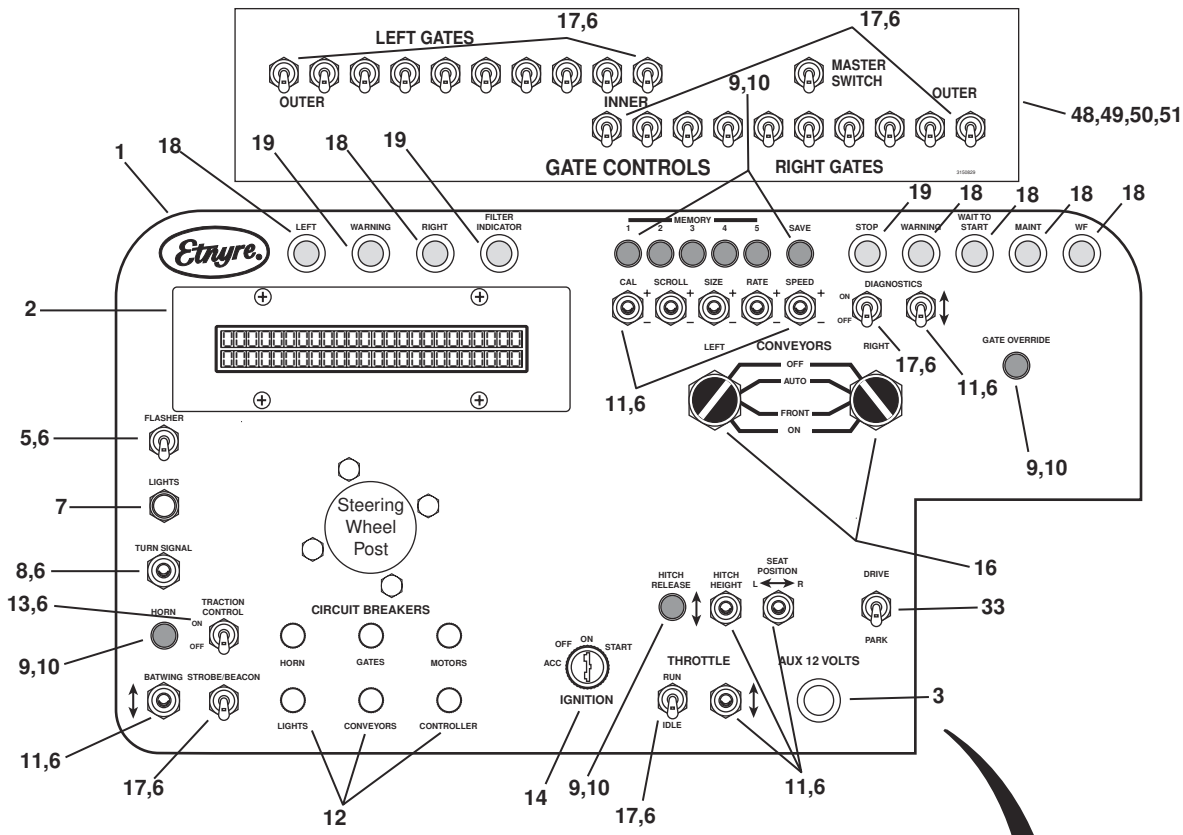
DECALS & ID

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3103066	1	Decal Set, Chips Hopper Std.	g	3102065-G	2	Warning: No Drill, Caution: Towing
a	3102066-A	1	Caution: Shields, Warning: Clear	h	3102065-H	2	Warning: Clear, Caution: Towing
b	3102066-B	2	Caution: Shields, Warning: Clear	j	3102065-J	2	Warning: Hydraulic Tank
c	3102066-C	1	Notice: Hose Disconnect	k	3102065-K	1	Warning: Clear, Caution: Shields
d	3102066-D	1	Lubrication Chart	l	3102065-L	1	Caution: Towing
2	3102065	1	Decal Set, Chipspreader Body	m	3102065-M	2	Grease Daily
a	3102065-A	1	Warning: Injury, Read, Brake	n	3102065-N	1	Caution: Valve
b	3102065-B	1	Warning: Fuel Tank, Fill	3	3101268	1	Plate-Hyd Hitch Release
c	3102065-C	1	Warning: No Drill	4	3101999	2	Decal-Chipspreader, Fwd
d	3102065-D	1	Warning: No Shift		3102000	2	Decal-Chipspreader, Quad
e	3102065-E	1	Anti-Freeze	5	3100689	1	Nameplate-Chipspreader, Brass
f	3102065-F	1	Proposition 65 Warning	6	6000758	1	Emblem-Vehicle, Slow Moving

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

Control Console Assembly - thru S/N K6043

CONTROLS



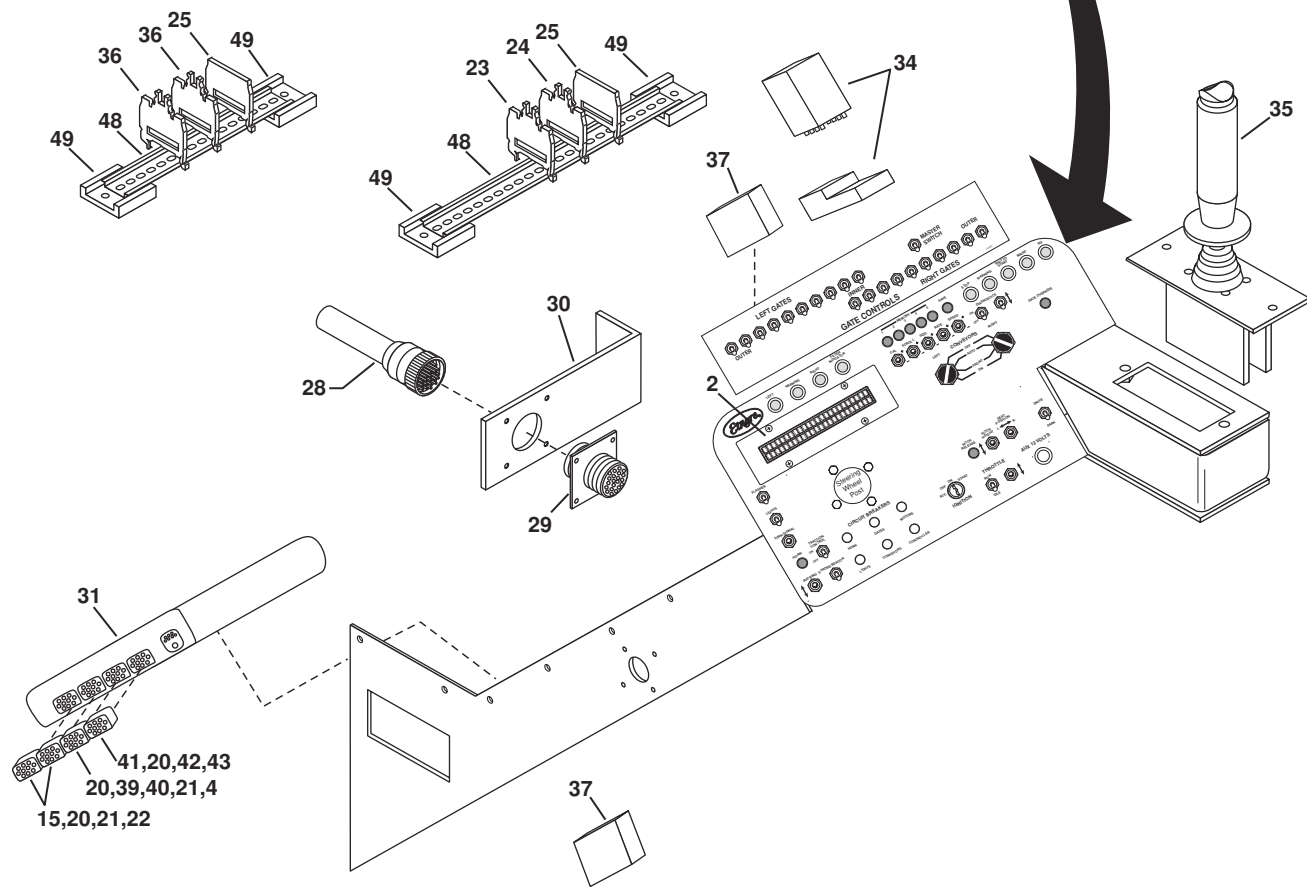
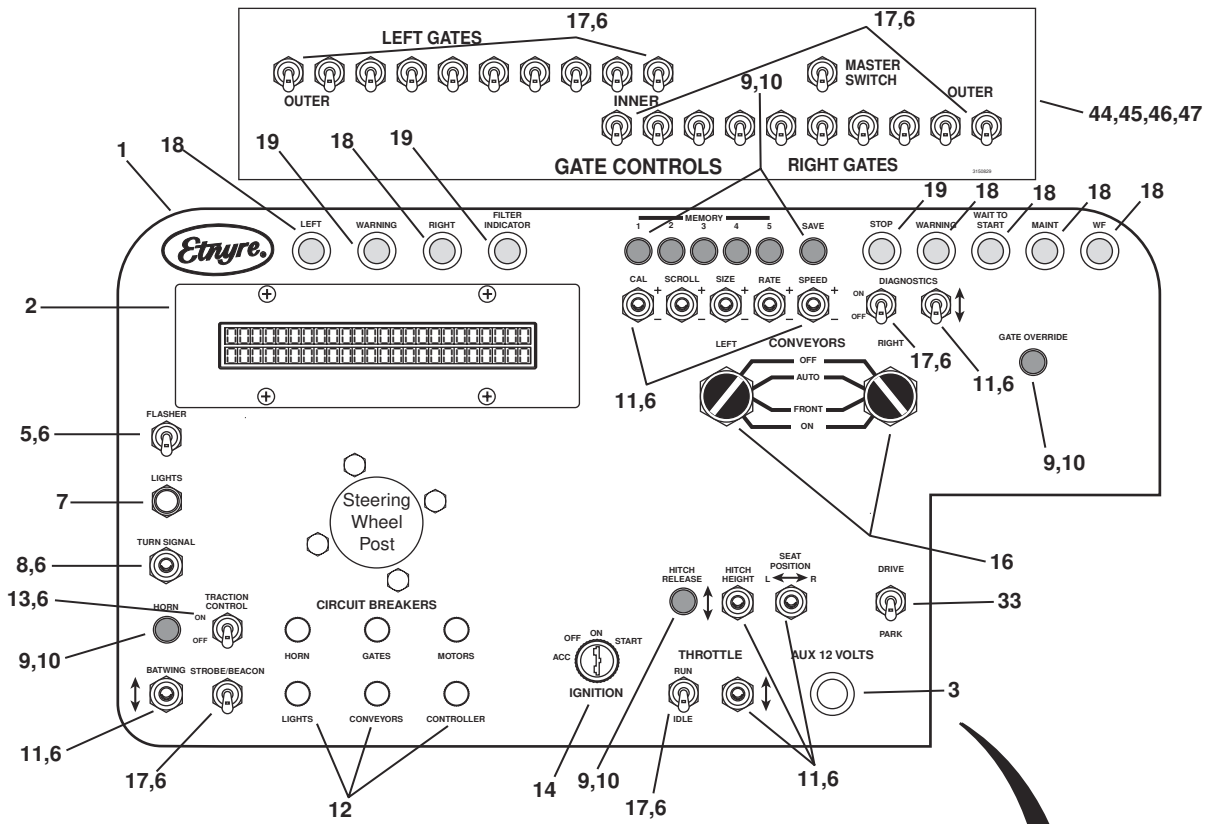
Control Console Assembly - thru S/N K6043

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3150831	1	Overlay-Control Panel,Fixed	42	6702547	1	Strain Relief-Conn.,15 Pin
2	6703069	1	Display-Digital, 2 x 24	43	6702550	1	Grommet-Connector,15 Pin
	5430025	1	Harness-Display Driver	44	6702648	1	Inverter-12VDC to 80 VAC
3	6703093	1	Cigarette Lighter-12V	45	6702218	4	Spacer-Board Mt,4-40 x 0.31 Lg
4	6701540	1	Resistor-1000 Ohm,1/2 Watt	46	6702581	1	Relay-Time Delay (Not Shown)
5	6700772	1	Switch-Toggle,DPST,2 Pos,Maint.	47	6703106	1	Socket-Relay Base (Not Shown)
6	6700164	AR	Seal-Toggle Switch,34B370AL/Radio	48	3150833	1	Gate Control Box-Fixed
7	6700188	1	Switch-Push/Pull	49	3150829	1	Decal-Fixed Hopper Gate Control
8	6700771	1	Switch-Toggle,SPDT,3 Pos,Maint.	50	6700959	1	Cord Grip-Fitting,0.75 x 0.75
9	6701467	9	Switch-Push Button,Mom,N.O.	51	6001601	2	Isolator-Vibration,w/Stud
10	6701468	9	Seal-Push Button,1.68 x 0.62 Bush	52	3160669	1	Harness-Pumps & Motors (Not Shown)
11	6700161	10	Switch-Toggle,SPDT,MOM	53	3160670	1	Harness-Speed Sensor (Not Shown)
12	6703139	6	Circuit Breaker-20 Amp	54	3160671	1	Harness-Lt Rear Lights (Not Shown)
13	6703100	1	Switch-Toggle,2 Pos,DPDT,Mom	55	3160676	1	Harness-Oil Pressure & Tach (Not Shown)
14	6702028	1	Switch-Ign,Off,Ign,Start	56	3160677	1	Harness-Rt Headlights (Not Shown)
15	6702545	2	Connector-24 Pin Socket HS	57	3160678	1	Harness-Lt Headlights (Not Shown)
16	6702483	4	Switch-Rotary,4 Pos.,8 Contact	58	3160679	1	Harness-Rt Rear Lights (Not Shown)
17	6702241	AR	Switch-Toggle,SPST,2 Pos,Maint.	59	3160702	1	Harness-Front Controls (Not Shown)
18	6700750	6	Light-Pilot,Amber,No. PL-20	60	3160722	1	Harness-Hitch Block (Not Shown)
19	6700072	3	Light-Pilot,Red,No. PL-20	61	3160732	1	Harness-Conveyors (Not Shown)
20	6702546	AR	Contact-Socket,18-26 AWG	62	3160748	1	Harness-Cont Box/Lt Hopper (Not Shown)
21	6702549	2	Strain Relief-Conn.,24 Pin	63	3160749	1	Harness-Ind Gate Box (Not Shown)
22	6702551	3	Grommet-Conn.,20-24 PI	64	3160756	1	Harness-Gate Valve/Sp Roll (Not Shown)
23	6701951	2	Seal-Cable Entry,23	65	3160793	1	Harness-10' Hopper Gates (Not Shown)
24	6701949	1	Plug-37 Pin,Std	66	3160794	1	Harness-11' Hopper Gates (Not Shown)
25	6701940	1	Receptacle-Square,37 Pin	67	3160795	1	Harness-12' Hopper Gates (Not Shown)
26	6701946	3	Plug-24 Pin,Std	68	3160754	1	Harness-13' Hopper Gates (Not Shown)
27	6701938	3	Receptacle-Square,24 Pin	69	3160758	1	Harness-14' Hopper Gates (Not Shown)
28	3160699	1	Harness-Power,Outside	70	3160793	1	Harness-15' Hopper Gates (Not Shown)
29	3160701	1	Harness-Power,Inside				
30	3160696	1	Mount-Ctrl Panel Connectors				AR - As Required
31	6702526	1	Computer-Chip,Rexroth MDC1-1				
	7050159	1	Fuse Holder-Inline				
	7050158	1	Fuse-Inline,20A				
32	6702024	1	Alarm-Elec,Hydro (Not Shown)				
33	6703274	1	Switch-Tgl,PTO,Lock Off,2 Pos				
34	6700923	AR	Relay-DPDT,10A,2BDC Coil				
35	3160655	1	Controller-Joystick				
	7050149		Position Microswitch				
	7050150		Potentiometer,10K				
	PD10434		Rocker Microswitch				
	PD10411		Rocker Switch Boot				
	PD10412		Rocker Switch Ring				
	7050157		Shaft Boot				
	PD10267		Handle Shaft				
36	6700306	2	Strip-Terminal,10 Bar				
37	6700921	1	Flasher-12 Volt,Neg. Ground				
38	3160102	1	Relay-Horn R-132-167				
39	6702544	1	Conn-20 Pin Socket				
40	6702548	1	Strain Relief-Conn.,20 Pin				
41	6702543	1	Connector- 15 Pin Socket				

CONTROLS

Control Console Assembly - S/N K6044 & Up

CONTROLS



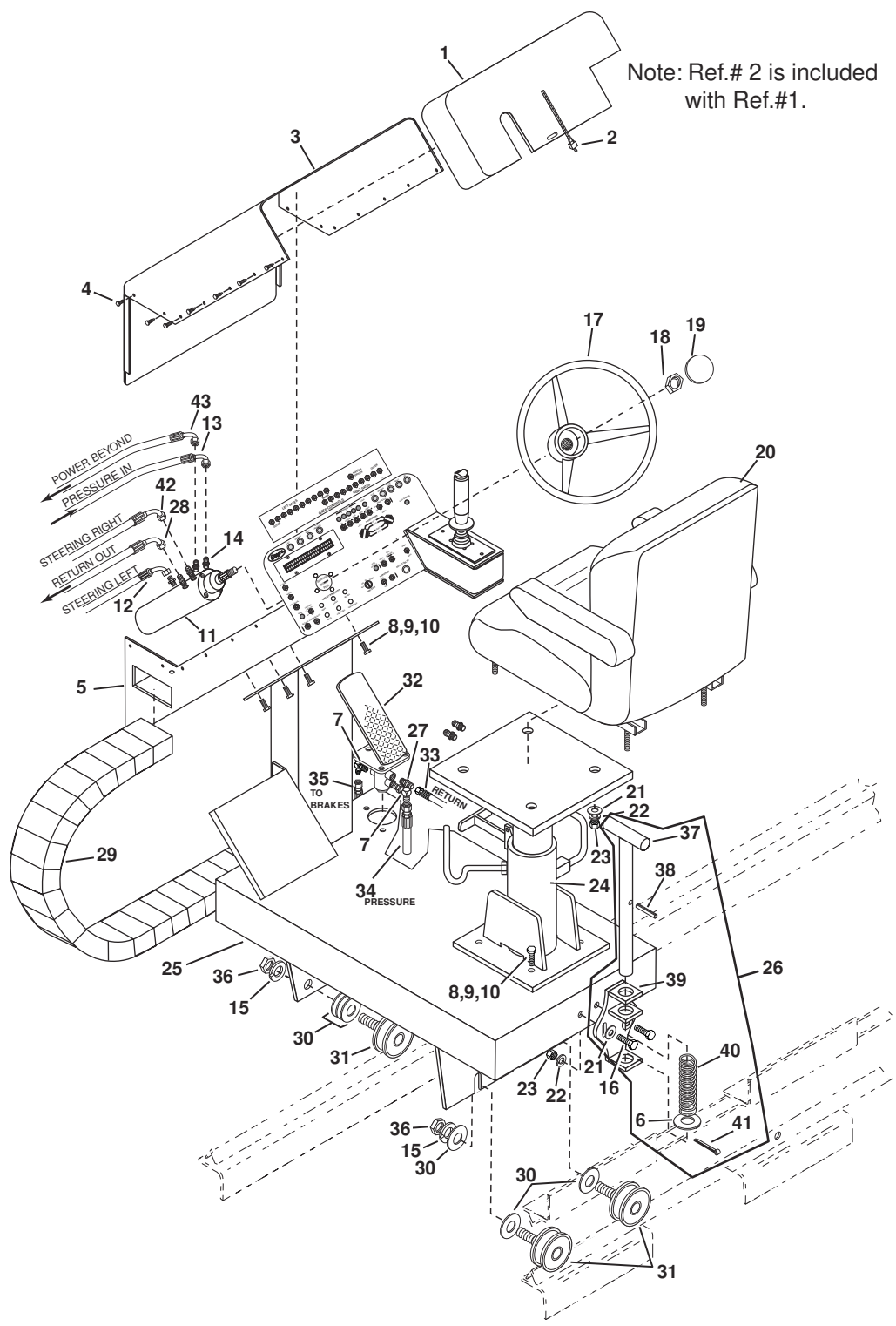
Control Console Assembly - S/N K6044 & Up

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3150831	1	Overlay-Control Panel,Fixed	40	6702548	1	Strain Relief-Conn.,20 Pin
2	6703069	1	Display-Digital, 2 x 24	41	6702543	1	Connector- 15 Pin Socket
	5430025	1	Harness-Display Driver	42	6702547	1	Strain Relief-Conn.,15 Pin
3	6703093	1	Cigarette Lighter-12V	43	6702550	1	Grommet-Connector,15 Pin
4	6701540	1	Resistor-1000 Ohm,1/2 Watt	44	3150833	1	Gate Control Box-Fixed
5	6700772	1	Switch-Toggle,DPST,2 Pos,Maint.	45	3150829	1	Decal-Fixed Hopper Gate Control
6	6700164	AR	Seal-Toggle Switch,34B370AL/Radio	46	6700959	1	Cord Grip-Fitting,0.75 x 0.75
7	6700188	1	Switch-Push/Pull	47	6001601	2	Isolator-Vibration,w/Stud
8	6700771	1	Switch-Toggle,SPDT,3 Pos,Maint.	48	6703390	1	DIN Rail, 1 Meter
9	6701467	9	Switch-Push Button,Mom,N.O.	49	6703390	4	Mount-DIN Rail
10	6701468	9	Seal-Push Button,1.68 x 0.62 Bush	50	3160669	1	Harness-Pumps & Motors (Not Shown)
11	6700161	10	Switch-Toggle,SPDT,MOM	51	3160670	1	Harness-Speed Sensor (Not Shown)
12	6703139	6	Circuit Breaker-20 Amp	52	3160671	1	Harness-Lt Rear Lights (Not Shown)
13	6703100	1	Switch-Toggle,2 Pos,DPDT,Mom	53	3160676	1	Harness-Oil Pressure & Tach (Not Shown)
14	6702028	1	Switch-Ign,Off,Ign,Start	54	3160677	1	Harness-Rt Headlights (Not Shown)
15	6702545	2	Connector-24 Pin Socket HS	55	3160678	1	Harness-Lt Headlights (Not Shown)
16	6702483	4	Switch-Rotary,4 Pos.,8 Contact	56	3160679	1	Harness-Rt Rear Lights (Not Shown)
17	6702241	AR	Switch-Toggle,SPST,2 Pos,Maint.	57	3160702	1	Harness-Front Controls (Not Shown)
18	6703388	6	Light-Pilot,Amber,No. PL-20	58	3160722	1	Harness-Hitch Block (Not Shown)
19	6703389	3	Light-Pilot,Red,No. PL-20	59	3160732	1	Harness-Conveyors (Not Shown)
20	6702546	AR	Contact-Socket,18-26 AWG	60	3160820	2	Harness-(Not Shown)
21	6702549	2	Strain Relief-Conn.,24 Pin	61	3160756	1	Harness-Gate Valve/Sp Roll (Not Shown)
22	6702551	3	Grommet-Conn.,20-24 PI	62	3160793	1	Harness-10' Hopper Gates (Not Shown)
23	6703379	AR	Terminal Block-16/22 Ga	63	3160794	1	Harness-11' Hopper Gates (Not Shown)
24	6703380	AR	Terminal Block-14/16 Ga	64	3160795	1	Harness-12' Hopper Gates (Not Shown)
25	6703381	AR	End Cap	65	3160754	1	Harness-13' Hopper Gates (Not Shown)
26	6703385	1	Markers-0/100 (Not Shown)	66	3160758	1	Harness-14' Hopper Gates (Not Shown)
27	6703387	4	End Clamp (Not Shown)	67	3160792	1	Harness-15' Hopper Gates (Not Shown)
28	3160699	1	Harness-Power,Outside				
29	3160701	1	Harness-Power,Inside				
30	3160810	1	Mount-Power Connector				AR - As Required
31	6702526	1	Computer-Chip,Rexroth MDC1-1				
	7050159	1	Fuse Holder-Inline				
	7050158	1	Fuse-Inline,20A				
32	6702024	1	Alarm-Elec,Hydro (Not Shown)				
33	6703274	1	Switch-Tgl,PTO,Lock Off,2 Pos				
34	6703300	AR	Relay-4PDT				
	6703301	AR	Relay Base				
	6703395	1	Jumper Bar-Ground				
35	3160655	1	Controller-Joystick				
	7050149		Position Microswitch				
	7050150		Potentiometer,10K				
	PD10434		Rocker Microswitch				
	PD10411		Rocker Switch Boot				
	PD10412		Rocker Switch Ring				
	7050157		Shaft Boot				
	PD10267		Handle Shaft				
36	6703382	1	Terminal Block-Gnd, 4 ga				
	6703383	AR	Terminal Block-16/22 ga				
37	6700921	1	Flasher-12 Volt,Neg. Ground				
38	6703386	AR	Markers-0/100 Gnd Term (Not Shown)				
39	6702544	1	Conn-20 Pin Socket				

CONTROLS

Console/Seat Assembly

CONTROLS

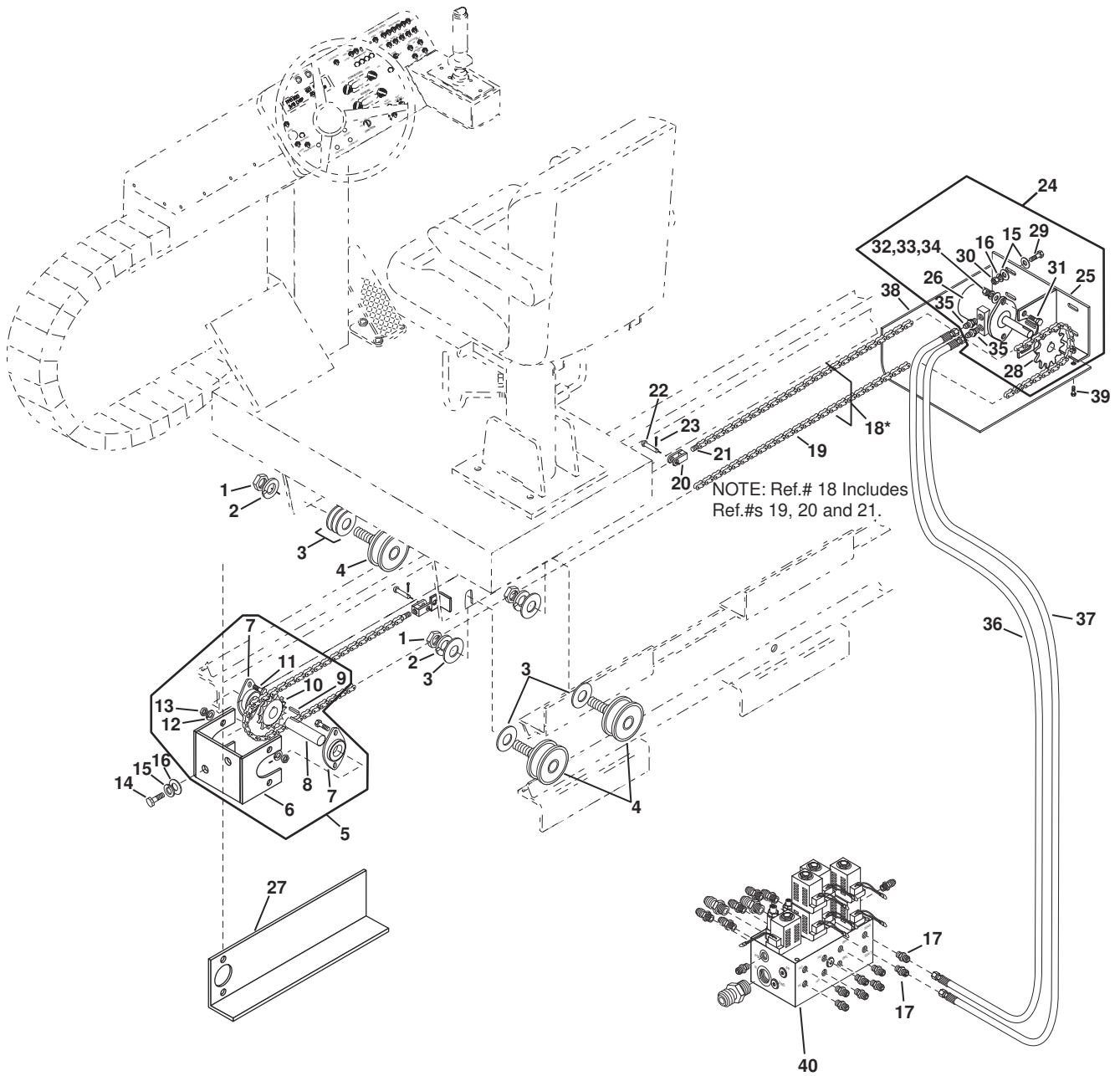


Console/Seat Assembly

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3150812	1	Cover Asm-Driver Control Panel	7430253	2	Washer	
2	6000544	1	Padlk-Mstr. Lk,W/Chain & Key	33	3181247	1	Hose Asm-04 x 244,04FJX90-04FJX
3	3120953	1	Cover-Operator Station Console	34	3181440	1	Hose Asm-06 x 153,06FJX-06FJX
4	6100174	10	Screw-Tap,HXSL,0.25 x 0.75,B,PD	35	3181241	1	Hose Asm-06 x 162,06FJX-06FJX
5	3120933	1	Lower Control Panel Asm	36	0426099	4	Nut-Hex,0.75NF,PD
6	0103347	1	Washer-Flat,0.88A(0.94 x 1.00)	37	3150760	1	Pin Asm,Hitch,Seat,CS,Hydro
7	9410976	2	Elbow-Hyd,90,06MB-06MJ	38	0457008	1	Pin-Spring,0.19 x 1.50,HV,PN
8	0120233	10	Screw-Hex,0.38NC x 1.00,GR2,PD	39	3150823	1	Retainer Asm,Latch
9	0120382	10	Washer-Lock,0.38,Spring,PD	40	3150764	1	Spring,Comp,Pin,Hitch
10	0120377	10	Nut-Hex,0.38NC,PD	41	0103411	1	Pin-Cotter,0.19 x 2.00,PD
11	6602974	1	Steering Unit	42	3181450	1	Hose Asm-06 x 204,06FJX-06FJX90
12	3181436	1	Hose Asm-06 x 204,06FJX-06FJX90	43	3181451	1	Hose Asm-06 x 144,06FJX-06FJX90
13	3181439	1	Hose Asm-06 x 138,06FJX-06FJX90				
14	9410202	5	Adapter-Hyd,ST,06MB-06MJ				AR - As Required
15	0131046	4	Washer-Lock,0.75,Spring, PD				
16	0122017	4	Screw-Hex,0.31NC x 1.00,GR2,PD				
17	6601704	1	Wheel-Steering W/Hub,15" Dia.				
18	6601122	1	Nut-Steering Wheel,13/16-20UNEF				
19	6001054	1	Cap-Steering Wheel				
20	6001148	1	Seat Asm-Trimline w/Arm Rests				
	7215236	1	Arm Rest -Left				
	7215237	1	Arm Rest -Right				
	6001423	1	Seat Asm-Suspension w/Arm Rests				
	7050391	1	Shock-For Seat #6001423				
21	0446363	6	Washer-Flat,0.31A(0.38 x 0.88), PD				
22	0120214	6	Washer-Lock,0.31,Spring,PD				
23	0120376	6	Nut-Hex,0.31NC,PD				
24	6001079	1	Pedestal-Seat,for 6001148 Seat				
	3102095	1	Pedestal-Seat,for 6001423 Seat				
25	3120950	1	Seat Base Asm				
26	3150824	1	Latch Asm,Seat				
27	6602134	1	Adapter-Hyd,ST,06MB-04MJ				
28	3181445	1	Hose Asm-06x141,06FJX-06FJX90				
29	6603378	1	E-Chain, Enclosed,7.5 Ft. Long				
	7050413	AR	E-Chain Hinged Cover Piece				
	7050414	AR	E-Chain Non-Hinged Cover				
	7050415	AR	E-Chain LH Side Piece				
	7050416	AR	E-Chain RH Side Piece				
	7050410	1	E-Chain Mounting Kit				
	7050411	1	E-Chain Male Mount				
	7050412	1	E-Chain Female Mount				
	7050417	AR	Replacement E-Chain/per Foot				
30	0131000	11	Washer-Flat,0.75A(0.81 x 2.00),PD				
31	6435459	4	Roller-V Grooved Load Runner				
32	6602603	1	Valve-Brake Actuating W/Pedal				
	7430261	1	Seal Kit				
	7430260	1	Pedal				
	7430259	1	Cam				
	7430258	1	Pin				
	7430257	4	E-Ring				
	7430256	1	Pin				
	7430255	1	Base				
	7430254	2	Cap Screw				

CONTROLS

Power Seat

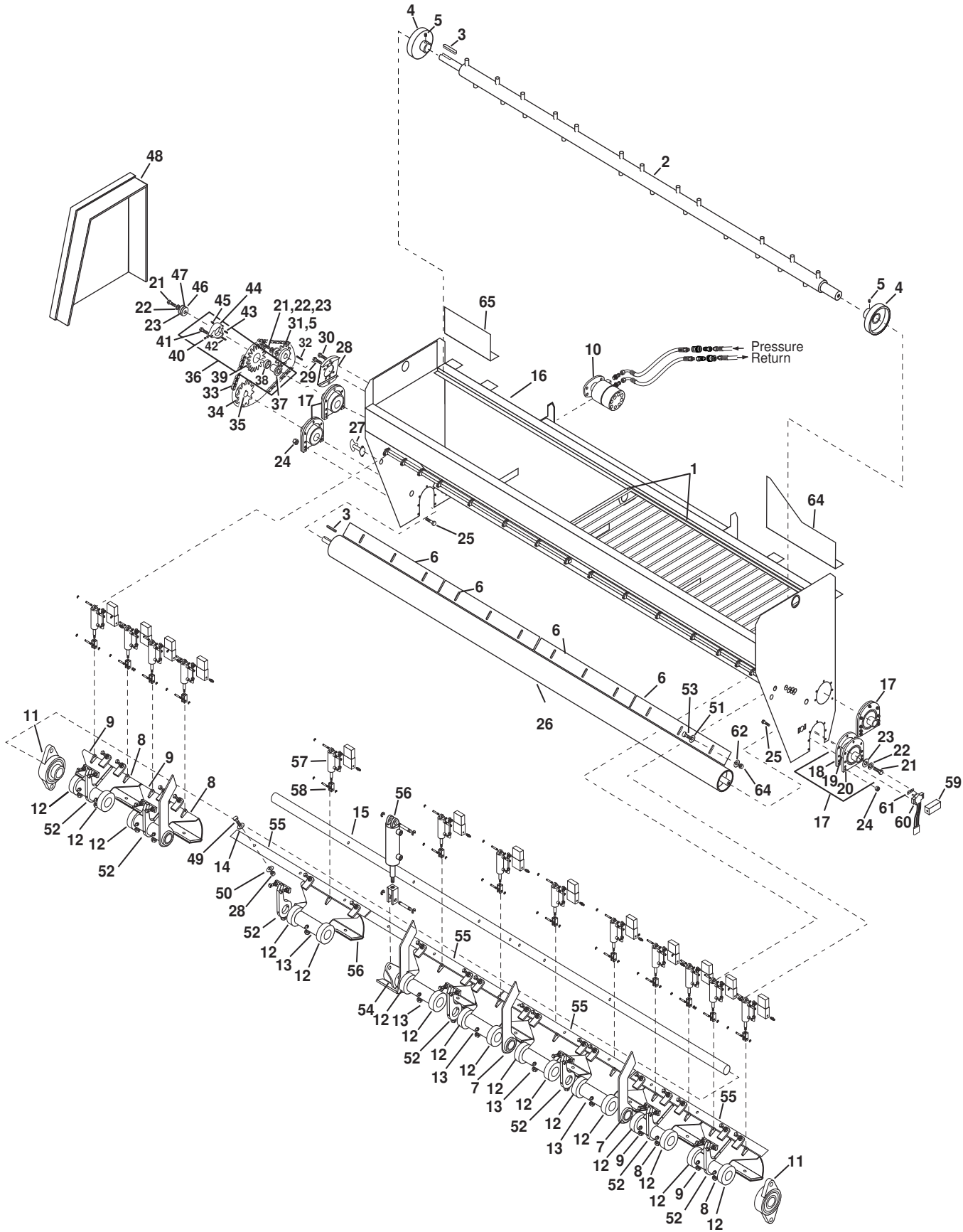


Power Seat

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	0426099	4	Nut-Hex,0.75NF,PD				
2	0131046	4	Washer-Lock,0.75,Spring,PD				
3	0131000	10	Washer-Flat,0.75A(0.81 x 2.00),PD				
4	6435459	4	Roller-V Grooved Load Runner				
5	3102034	1	Bracket Asm-Idler,Power				
6	3101992	1	Idler Shaft Support Asm				
7	6420105	2	Flange Brg-Ball,2 Blt.0.75STMP				
8	3101987	1	Idler Shaft-Power Seat				
9	6000207	3	Key-0.19 x 0.19CR x 1.00 Rd End				
10	3102022	2	Sprocket-0.75 Bore				
11	6100277	4	Screw-RdSqNk, 0.31NC x 1.00,GR5				
12	0120214	4	Washer-Lock,0.31,Spring,PD				
13	0120376	4	Nut-Hex,0.31NC,PD				
14	0120233	2	Screw-Hex,0.38 x 1.00,GR2,PD				
15	0120388	6	Washer-Flat,0.375,Wide				
16	0120382	6	Washer-Lock,0.38,Spring,PD				
17	9410200	2	Adapter-Hyd,04MB-04MJ				
18	3102031	1	Roller Chain Asm-Long				
19	6430077	AR	Chain-Roller,RC40				
	6430070	2	Link-Conn.RC40				
20	3350232	2	Female End-Adjustable Chain				
21	3350231	2	Male End-Adjustable Chain				
22	6000397	2	Rivet-RdHd,0.25 x 0.88,Drilled				
23	0103374	2	Pin-Cotter,0.09 x 1.00,PD				
24	3102117	1	Motor Mt Asm-Power Seat				
25	3120800	1	Motor Mtg. Bracket Chip Seat				
26	6602796	1	Motor-Hyd,LSHT,3.6 Cu In.				
27	3120876	1	Cover-Idler				
28	3102068	1	Sprocket-RC40,20T,1" Bore				
29	0122145	4	Screw-Hex,0.38NC x 1.25,GR2,PD				
30	0120377	6	Nut-Hex,0.38NC,PD				
31	0120426	2	Screw-Hex,0.50NC x 1.25,GR2,PD				
32	0120390	2	Washer-Flat,0.50A,PD				
33	0120384	2	Washer-Lock,0.50,Spring,PD				
34	0120378	2	Nut-Hex,0.50NC,PD				
35	6602860	2	Adapter-Hyd,ST,10MB-04MJ				
36	3181497	1	Hose Asm-04 x 65,04FJX-04FJX				
37	3181496	1	Hose Asm-04 x 66,04FJX-04FJX				
38	3120877	1	Cover-Pwr Seat Motor				
39	0120706	2	Screw-Hex,0.25NC x 0.50,GR2,PD				
40	3181422	1	Hyd Manifold				
			AR - As Required				

CONTROLS

Hopper Assembly



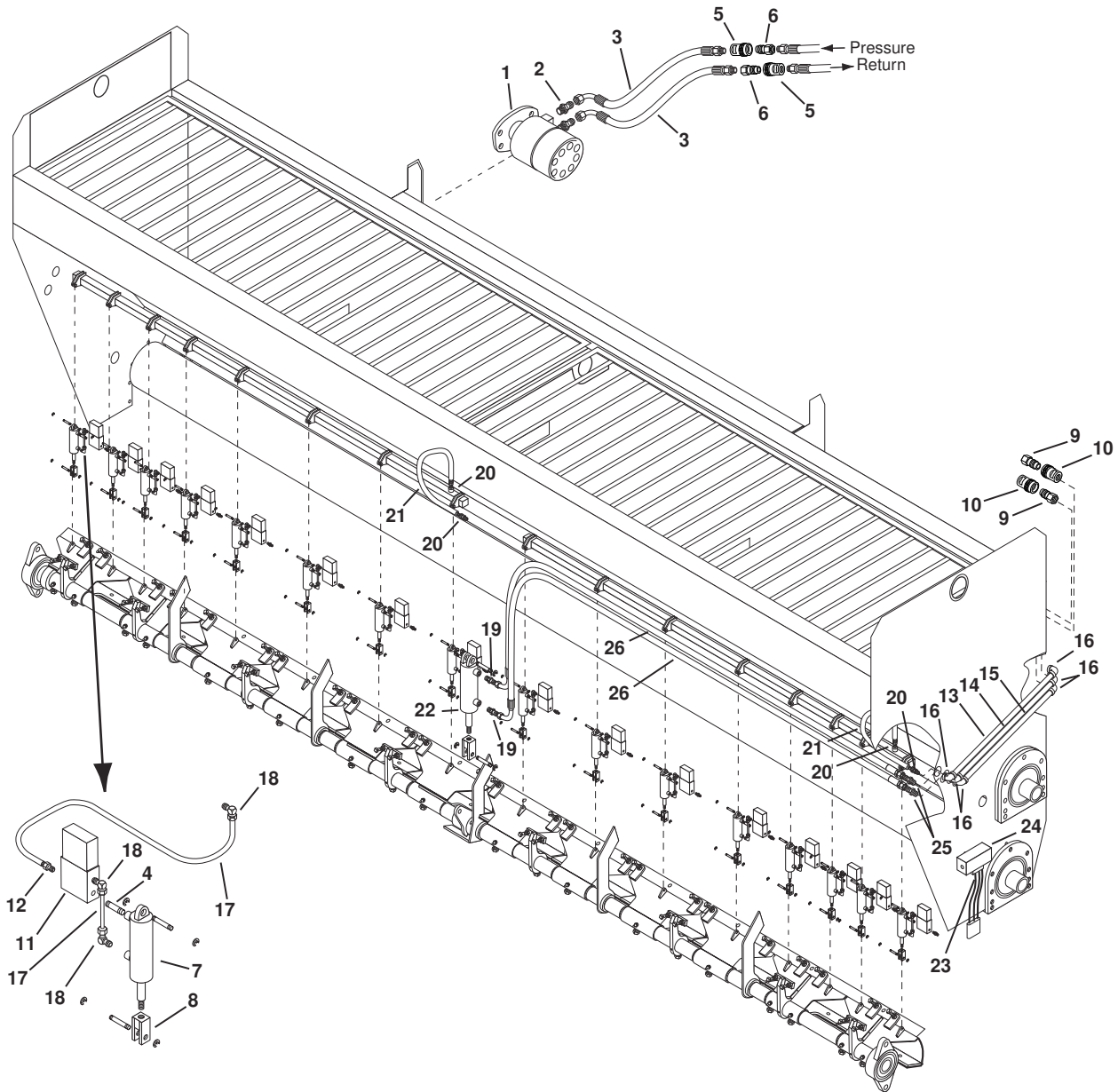
FRONT HOPPER

Hopper Assembly

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3142468	2	Grate Assy-10 Ft	31	3140596	1	Sprocket-Hyd Motor, Hopper
	3142469	2	Grate Assy-11 Ft	32	3110033	1	Key-3/8 x 3/8CR x 1 1/4 Rd End
	3142470	2	Grate Assy-12 Ft	33	3142637	1	Chain-Roller, No. 80, 49 Link
	3142471	2	Grate Assy-13 Ft	34	3140249	1	Sprocket-Hyd Dr. No. 80QZZ
	3142472	2	Grate Assy-14 Ft	35	3110054	1	Bushing, No. Q1, 9/16 In.
2	3142603	1	Agitator Asm-10 Ft	36	3140243	1	Agitator Shaft Discon. Dr. Asm
	3142602	1	Agitator Asm-11 Ft	37	3140244	1	Housing-Male Disc.
	3142601	1	Agitator Asm-12 Ft	38	3140247	1	Bearing-Ag Shaft Disc.
	3142600	1	Agitator Asm-13 Ft	39	3140246	1	Sprocket-Ag Shaft Disc.
	3142589	1	Agitator Asm-14 Ft	40	0223022	1	Screw-Sock, 1/4NC x 5/8,HFDG,PN
3	3170061	2	Key-3/8 x 3/8CR x 2,Rd End	41	3140248	1	Bolt-Ag Shaft Disc
4	3141190	2	Housing Asm-Bell	42	6001500	1	Key-3/8 x 3/8CR x 2 1/4 Rd End
5	0102582	4	Screw-Sock,5/16NC x 1/2, Cup, PN	43	6001501	1	Key-3/8 x 3/8CR x 1 3/8 Rd End
6	3142366	AR	Plate-Wear,Spread Roll,24 1/2	44	3140245	1	Housing-Female Disc.
	3142317	AR	Plate-Wear,Spread Roll,36 1/4	45	9411027	1	Fitting-Lub,Stgt. x 1/2 TYP C
7	6420223	AR	Bearing-Shaft Pivot	46	3140401	AR	Spacer 1/16 In.,Hopper
8	3142487	4	Gate Asm-RH,6"	47	3140402	AR	Spacer 1/8 In.,Hopper
9	3142490	4	Gate Asm-LH,6"	48	3140645	1	Door & Side Asm-Chain Guard
10	6602645	1	Motor-Hyd,LSHT,12.0 Cir	49	0122007	AR	Screw-Hex,5/16NC x 3/4,Gr 2,PD
	6600883	1	Motor-Hyd,LSHT,18.0 Cir w/Sand Agit	50	0120214	AR	Washer-Lock,5/16,Spring,PD
11	6420225	2	Brg-Flange,Ball,2 Bolt, 1 1/2	51	0120388	AR	Washer-Flat,3/8,Wide
12	6420224	AR	Set Collar-1 1/2	52	3142716	8	Buss Arm Asm
13	3142296	AR	Gate Asm-12"	53	0120377	AR	Nut-Hex,3/8NC,PD
14	0446363	AR	Washer-Flat,5/16,Wide	54	3142746	1	Arm Asm-Hydr Cyl Mount
15	3142754	1	Shaft-Buss,10 Ft	55	3142365	AR	Plate-Adjust,Seal Gate,24 1/2
	3142755	1	Shaft-Buss,11 Ft		3142316	AR	Plate-Adjust,Seal Gate,36 3/4
	3142756	1	Shaft-Buss,12 Ft	56	6603333	1	Cylinder-Hyd,2" B x 3" Stroke
	3142757	1	Shaft-Buss,13 Ft	57	6603150	AR	Cylinder-Air,1 1/16" B x 4" Stroke
	3142758	1	Shaft-Buss,14 Ft	58	6602339	AR	Clevis-Rod,Air Cylinder
16	3142624	1	Frame Asm-Hopper,10 Ft	59	3142397	1	Guard-Transducer
	3142625	1	Frame Asm-Hopper,11 Ft	60	6703101	1	Transducer
	3142626	1	Frame Asm-Hopper,12 Ft	61	3142167	1	Transducer Arm
	3142627	1	Frame Asm-Hopper,13 Ft	62	0120383	AR	Washer-Lock,3/8,Spring,PD
	3142628	1	Frame Asm-Hopper,14 Ft	63	0120233	AR	Screw-Hex,3/8NC x 1,Gr 2,PD
17	3142547	4	Brg/Housing Assy-Hopper	64	3142501	1	Spill Guard-10 Ft,LH
18	3142549	4	Plate-Spacer,Bearing Housing		3142503	1	Spill Guard-11 Ft,LH
19	3140083	4	Bearing-Ag & Roll SC-25		3142505	1	Spill Guard-12 Ft,LH
20	3142548	4	Housing Asm-Bearing		3142507	1	Spill Guard-13 Ft,LH
21	0122408	2	Screw-Hex,1/2NC x 1,GR2,PD		3142509	1	Spill Guard-14 Ft,LH
22	0120384	3	Washer-Lock,1/2,Spring,PD	65	3142502	1	Spill Guard-10 Ft,RH
23	3140404	2	Disc-Shaft End Hopper		3142504	1	Spill Guard-11 Ft,RH
24	0120377	24	Nut-Hex, 3/8NC, PD		3142506	1	Spill Guard-12 Ft,RH
25	0122145	24	Screw-Hex, 3/8NC x 1 1/4 GR2, PD		3142508	1	Spill Guard-13 Ft,RH
26	3142610	1	Spreadroll Asm-10 Ft		3142510	1	Spill Guard-14 Ft,RH
	3142609	1	Spreadroll Asm-11 Ft				
	3142608	1	Spreadroll Asm-12 Ft				AR - As Required
	3142606	1	Spreadroll Asm-13 Ft				
	3142587	1	Spreadroll Asm-14 Ft				
27	3100566	1	Hood Fastener-Straight 9663				
28	0120376	AR	Nut-Hex,5/16NC,PD				
29	0120333	4	Screw-Hex,1/2NC x 1 3/4,GR2				
30	0122459	2	Screw-Hex, 1/2NC x 2,GR2,PD				

FRONT HOPPER

Hopper Air And Hydraulic Hoses



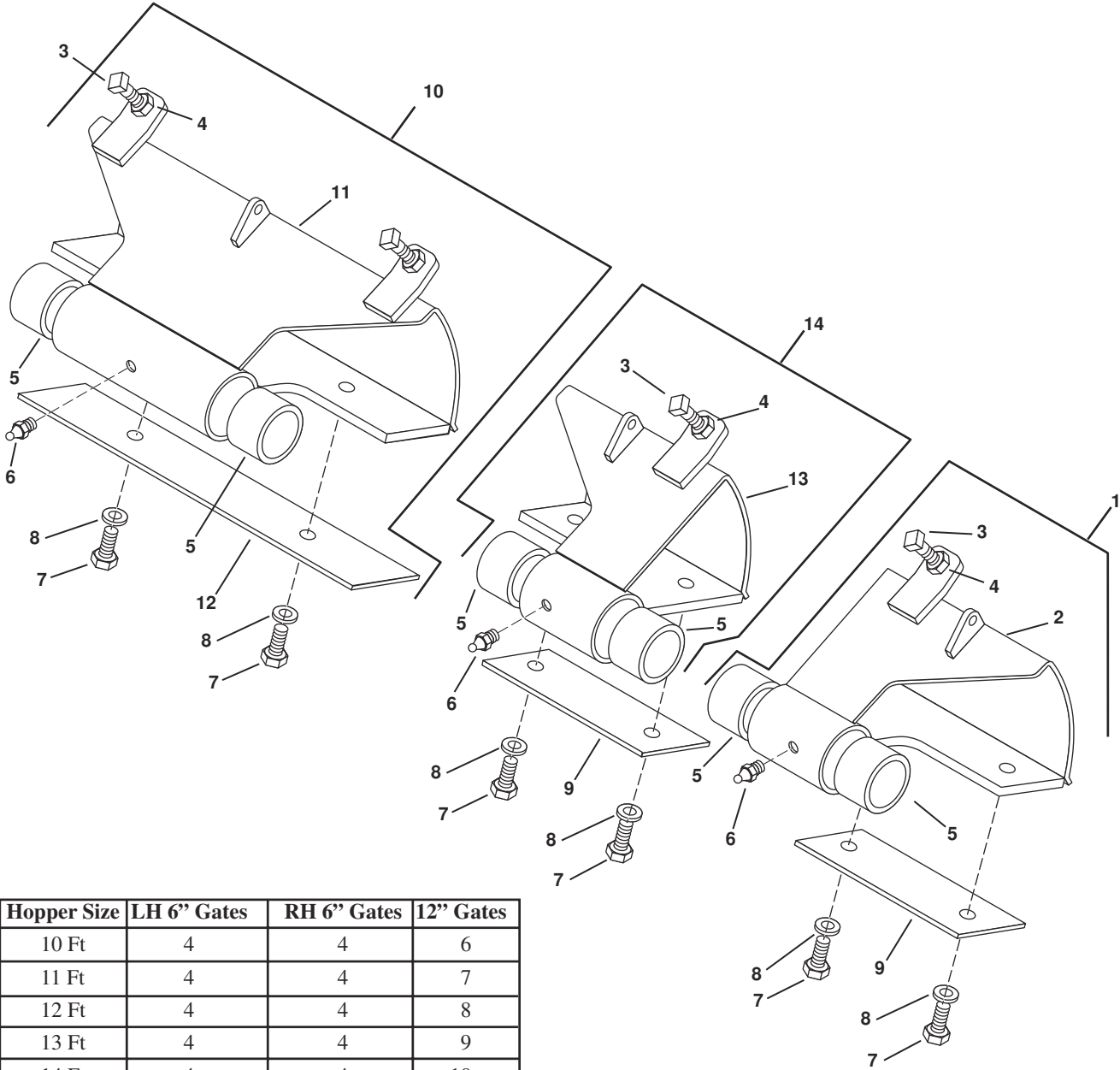
FRONT HOPPER

Hopper Air And Hydraulic Hoses

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	6602645	1	Motor-Hyd, LSHT, 12.0 CIR				
2	6600910	2	Adapter-Hyd,ST,10MB-12MJ				
3	3181635	1	Hose Asm-12 x 30,08MPX-08FJX90				
4	0192042	AR	Nipple-Pipe,Sch 40,1/8 x 1 1/2				
5	6602299	2	Coupling-Hyd.Quick,Fem,1/2 Pipe				
6	6602300	2	Coupling-Hyd.Quick,Male,1/2 Pipe				
7	6602338	AR	Cylinder-Air,1 1/16 x 3,Double Acting				
8	6602339	AR	Clevis-Rod,Cyl				
9	6602293	2	Coupling-Hyd.Quick,Male,1/4 Pipe				
10	6602292	2	Coupling-Hyd.Quick,Fem,1/4 Pipe				
11	6602901	AR	Valve-Air,Sol,1/4,4 Way,2 Pos				
12	6602904	AR	Adapter-Air,St,04Tube-02MPX				
13	3102164	1	Pipe-Air,1/4 x 23 1/2 TBE				
14	3102165	1	Pipe-Hydr,1/4 x 22 1/2 TBE				
15	3102166	1	Pipe-Hydr,1/4 x 21 TBE				
16	0105413	6	Elbow-Pipe,90,1/4 NPT,PN				
17	Q444884	AR	Tube-Nylon,Air,1/4				
18	6602903	AR	Adapter-Air,90,04Tube-02MPX				
19	6602134	2	Adapter-Hyd,St,06MP-04MJ				
20	6600305	4	Hose End-06-04MP,St,LPSP				
21	6600324	AR	Hose-Air,3/8				
22	6603333	1	Cylinder-Hyd,2" Bore x 3" Stroke				
23	6703101	1	Transducer				
24	3142397	1	Transducer Cover				
25	6601381	2	Adapter-Hyd,St,04MP-04MJ				
26	3181643	1	Hose Asm-04 x76.5,04FJX x 04FJX90				
			AR - As Required				

FRONT HOPPER

Gate Assemblies

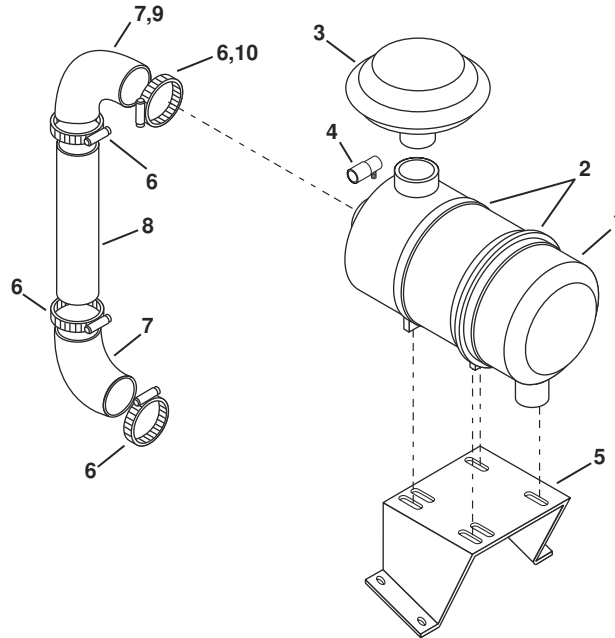


FRONT HOPPER

Hopper Size	LH 6" Gates	RH 6" Gates	12" Gates
10 Ft	4	4	6
11 Ft	4	4	7
12 Ft	4	4	8
13 Ft	4	4	9
14 Ft	4	4	10

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3142487	4	Gate Asm-6 In. Right Hand	10	3142296	AR	Gate Asm-12 In. Hopper
2	3142485	4	Frame Asm-Gate 6 In. Right Hand	11	3142298	1	Frame Asm-Gate 12 In. Hopper
3	0187870	AR	Screw-SqHd, 0.38NC x 2.00, Cup, PD	12	3142297	1	Scraper Plate, 12 In.
4	0120377	AR	Nut-Hex, 0.38NC, PD	13	3142489	4	Frame Asm-Gate 6 In. Left Hand
5	6420222	AR	Bearing-Gate, Pivot, @AA-1612-1	14	3142490	4	Gate Asm-6 In. Left Hand
6	9411027	1	Fitting-Lub, STGT x 1/2				
7	3100475	AR	Capscrew-Hex 3/8-16 x 3/4 Lg.				
8	0120388	AR	Washer-Flat, 3/8, Wide				
9	3142486	8	Scraper Plate, 6 In.				

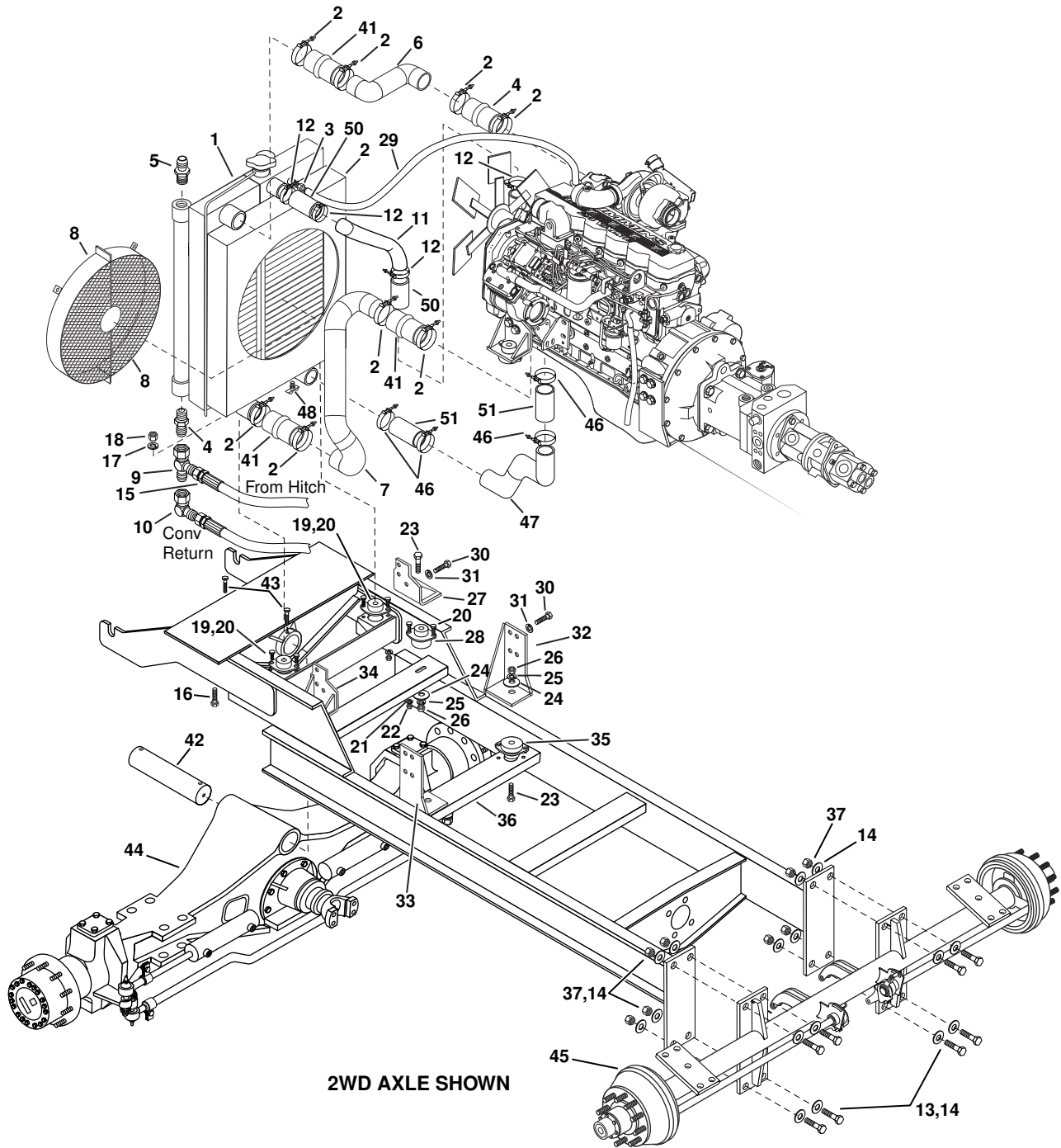
Air Intake Assembly



REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	6400152	1	Filter-Air,Intake,12 In. (thru S/N 6035)	7	6400143	AR	Elbow-Rubber,4" to 4" (thru S/N 6035)
	7360010	1	Element-Filter,12 In.(thru S/N 6035)	8	3111219	1	Tube-Air Intake,Cummins C Engine
1	6400565	1	Filter-Air,Intake,12 In.(S/N 6036 & up)		3111357	1	Tube-Air Intake,Cummins B Engine
	7050443	1	Element-Primary, (S/N 6036 & up)	9	6400567	1	Elbow-Rubber, 5" to 4"(S/N 6036 up)
	7050444	1	Element-Safety, (S/N 6036 & up)	10	6001573	1	Clamp-Hose,5.75", (S/N 6036 & up)
2	6400150	2	Band-Mounting, (thru S/N 6035)				
	6400566	2	Band-Mounting, (S/N 6036 & up)				
3	6400151	1	Hood-Inlet,4.50 In.(thru S/N 6035)				
	5400021	1	Hood-Inlet,6.00 In (S/N 6036 & up)				
4	6400139	1	Indicator-Rst.,25 In. H2O DSL ONLY				
5	3111384	1	Asm-Air Cleaner Mtg. Bracket				
6	6001480	AR	Clamp-Hose,4.625"				

ENGINE

Radiator - Cooler - Motor Mounts and Axle Connections



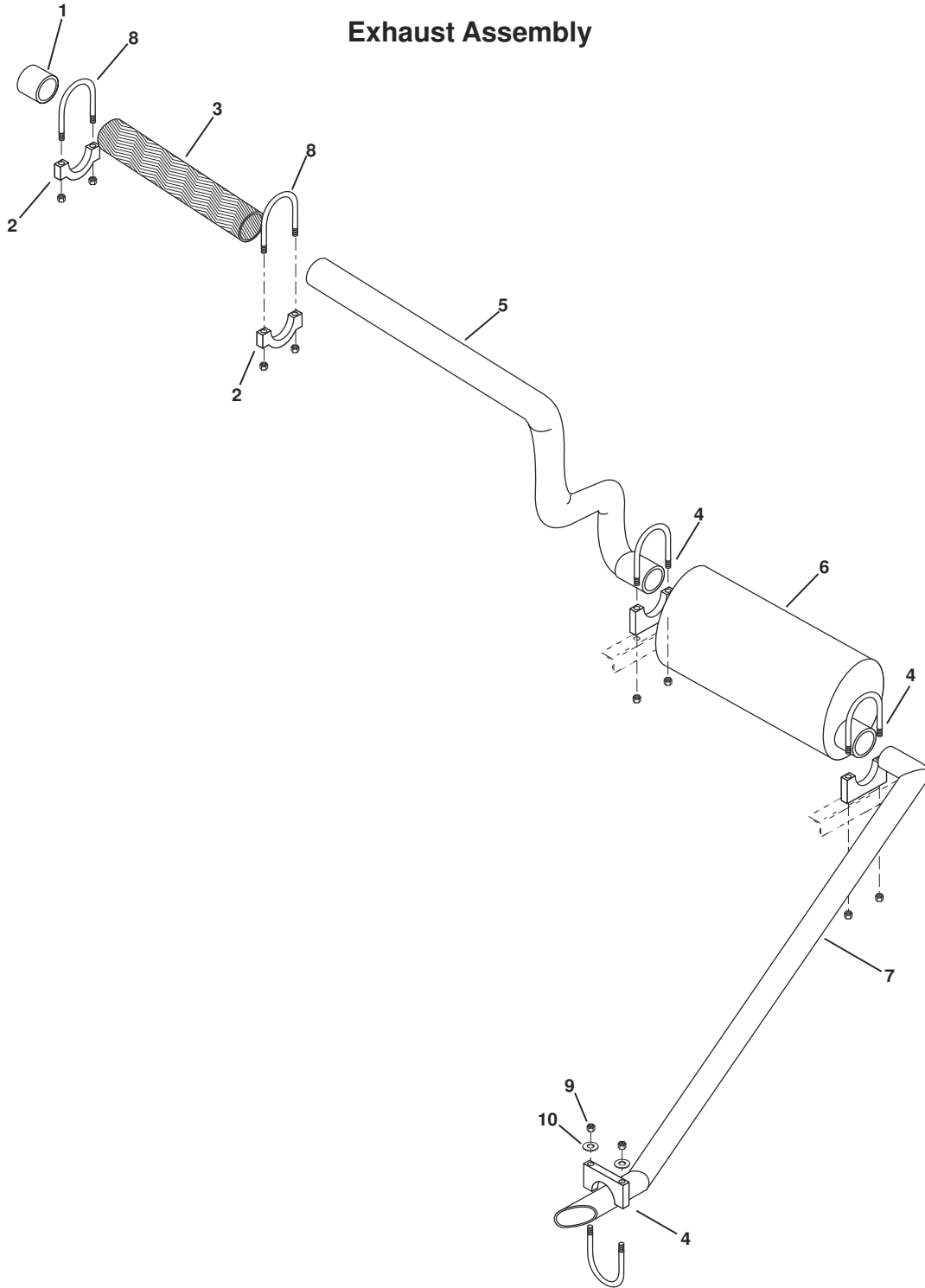
ENGINE

Radiator - Cooler - Motor Mounts and Axle Connections

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	6400532	1	Radiator/Oil Cooler/Charge Air Cooler	49	3160775	1	Engine Comm Harness (Not Shown)
	7050397	1	Radiator	50	3111440	2	Hose Rad. 1.75 x 5
	7050398	1	Hydraulic Oil Cooler	51	3111441	2	Hose Rad. 2.25 x 5
	7050399	1	Charge Air Cooler	52	3160774	1	Engine Power Harness (Not Shown)
2	7050349	8	Clamp-TBolt, Spring Type, 3"				AR - As Required
3	6600305	1	Hose End-06-04MP,St,LPSP				
4	6601418	1	Adapter-Hyd, ST, 16MB-12MJ				
5	9400207	1	Adapter-Hyd, ST, 16MB-16MJ				
6	3111416	1	Tube-Charge Air, Top				
7	3111417	1	Tube-Charge Air, Bottom				
8	3111420	2	Cover-Fan Shroud				
9	9410335	1	Tee-Hydr, 12MJ-12FJX-12MJ				
10	9410283	1	Elbow-Hydr, 12FJX-12MJ				
11	3111414	1	Tube-Radiator, Upper 6B Series (QSB)				
12	6001470	4	Clamp-T-Bolt, 2.03" to 2.34" (QSB)				
13	6100267	8	Screw-Hex, 0.75NC x 3.00, GR8, PN				
14	9437244	16	Washer-Flat, 0.75A(0.81 x 2.00), HN				
15	3181233	1	Hose Asm-16 x 143, 16FJX-16FJX				
16	0122333	2	Screw-Hex, 0.44 x 3.00NPT, PD				
17	0120383	2	Washer-Lock, 0.44, Spring, PD				
18	0271501	2	Nut-Hex, 0.44NC, PD				
19	6000999	2	Mount-Cushion, Front, Perkins				
20	0120233	12	Screw-Hex, 0.38NC x 1.00, GR2, PD				
21	0120382	12	Washer-Lock, 0.38, Spring, PD				
22	0120377	12	Nut-Hex, 0.38NC, PD				
23	0428715	4	Screw-Hex, 0.62 x 4.00NPT, PD				
24	9422850	6	Washer-Flat, 0.62A(0.65 x 1.31)PN				
25	0121574	4	Washer-Lock, 0.62, Spring, PD				
26	0124589	4	Nut-Hex, 0.62NC, PD				
27	3111399	1	Mount Asm-RT Front, Cummins QSB				
28	6000916	2	Mount-Cushion, Front Eng.				
29	6600324	AR	Hose-3/8,Water				
30	6001081	16	Bolt-Metric, M12-1.75 x 4.00				
31	6001082	16	Washer-Lock, Metric, Chips				
32	3111400	1	Mount Asm-RT Rear, Cummins QSB				
33	3111401	1	Mount Asm-LT Rear, Cummins QSB				
34	3111398	1	Mount Asm-LT, Front, Cummins QSB				
35	6001049	2	Mount-Cushion, Rear Eng.				
36	3110993	1	Channel-Rear Eng. Mt. Chips				
37	9411400	1	Nut-Hex, Lock, 0.75NC, GR, PD				
38	7050358	1	Oil Filter (Not Shown)				
39	7050359	1	Fuel Filter (Not Shown)				
40	7050360	1	Serpentine Belt (Not Shown)				
41	7050347	4	Hose Hump-3" ID, High Temp				
42	3101886	1	Shaft-Frt Axle/Pyramid				
43	6100086	2	Screw-SqHd, 0.50NC x 1.0, H/DG, LK				
44	3111284	1	Axle-Front, Drive, 81.25" Track				
45	3111293	1	Axle-Rear Drive, 80" Track (4WD)				
	3111313	1	Axle-25K, 97" Trk, 22.5" Hubs (2WD)				
46	6001447	4	Clamp-T-Bolt, 2.66" To 2.97" QSB				
47	3111415	1	Tube Asm-Lower, Rad, Cummins QSB				
48	6600162	1	Cock-Drain, 0.25", Brass				

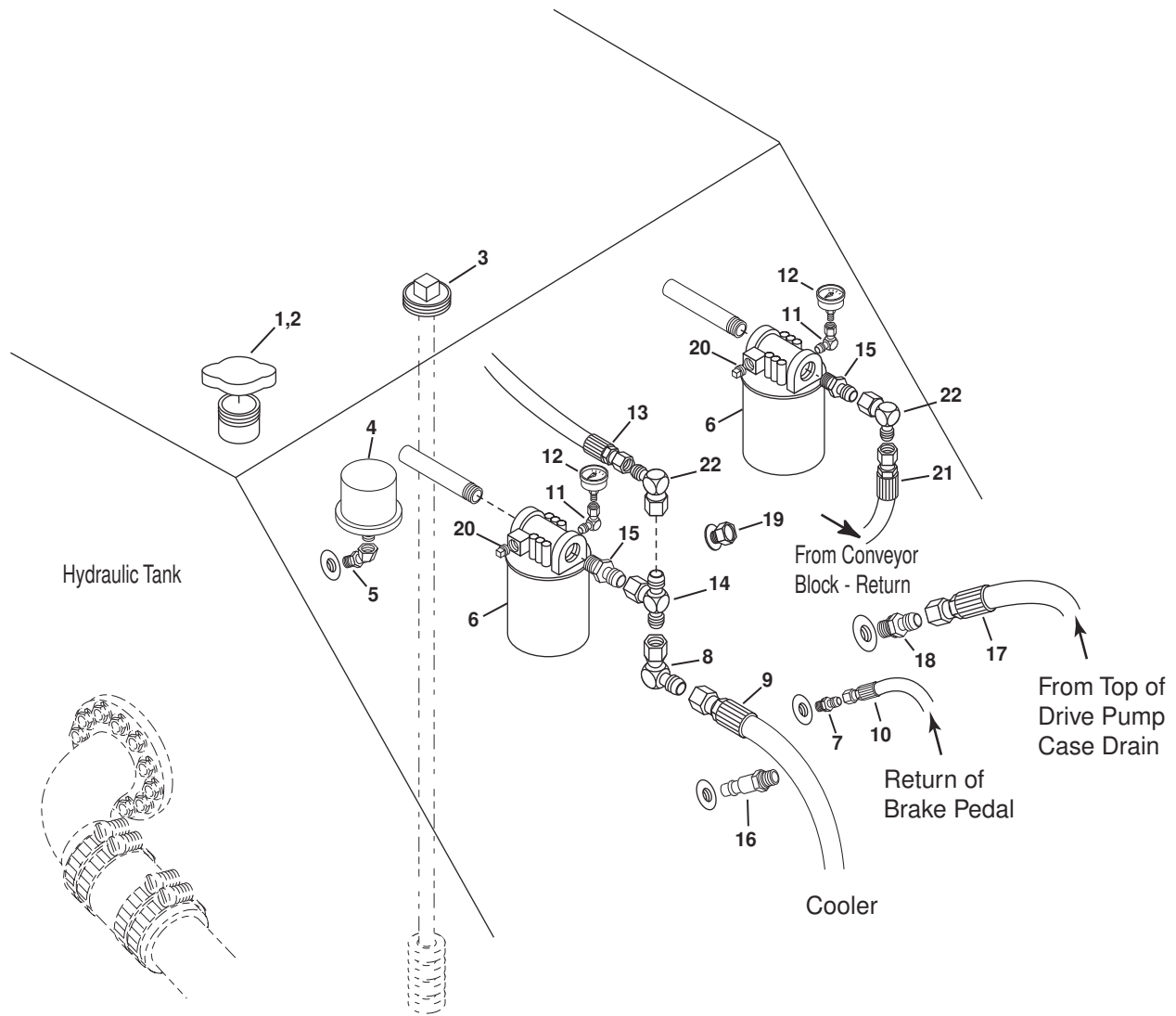
ENGINE

Exhaust Assembly



REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3101568	1	Tube-Exhaust, 3.5 OD x 4" Lg. C.S.	7	3101938	1	Discharge Weldment, 4" OD
2	6000937	2	Clamp-Tube, Exh, 3.5 In. ID, TBG	8	3102098	2	U-Bolt
3	3101940	1	Tubing-Exh, Flex, SS, 3.5 OD x 16"	9	0127993	2	Nut-Hex, Lock, 0.38NC, EA, PD
4	6000938	3	Clamp-Tube Exhaust 4 In. ID, TBG	10	0274517	2	Washer-Flat, 0.375, B, PD
5	3102051	1	Discharge Exh Weldment 3.5 OD				
6	6400299	1	Muffler-4" IN/OUT				

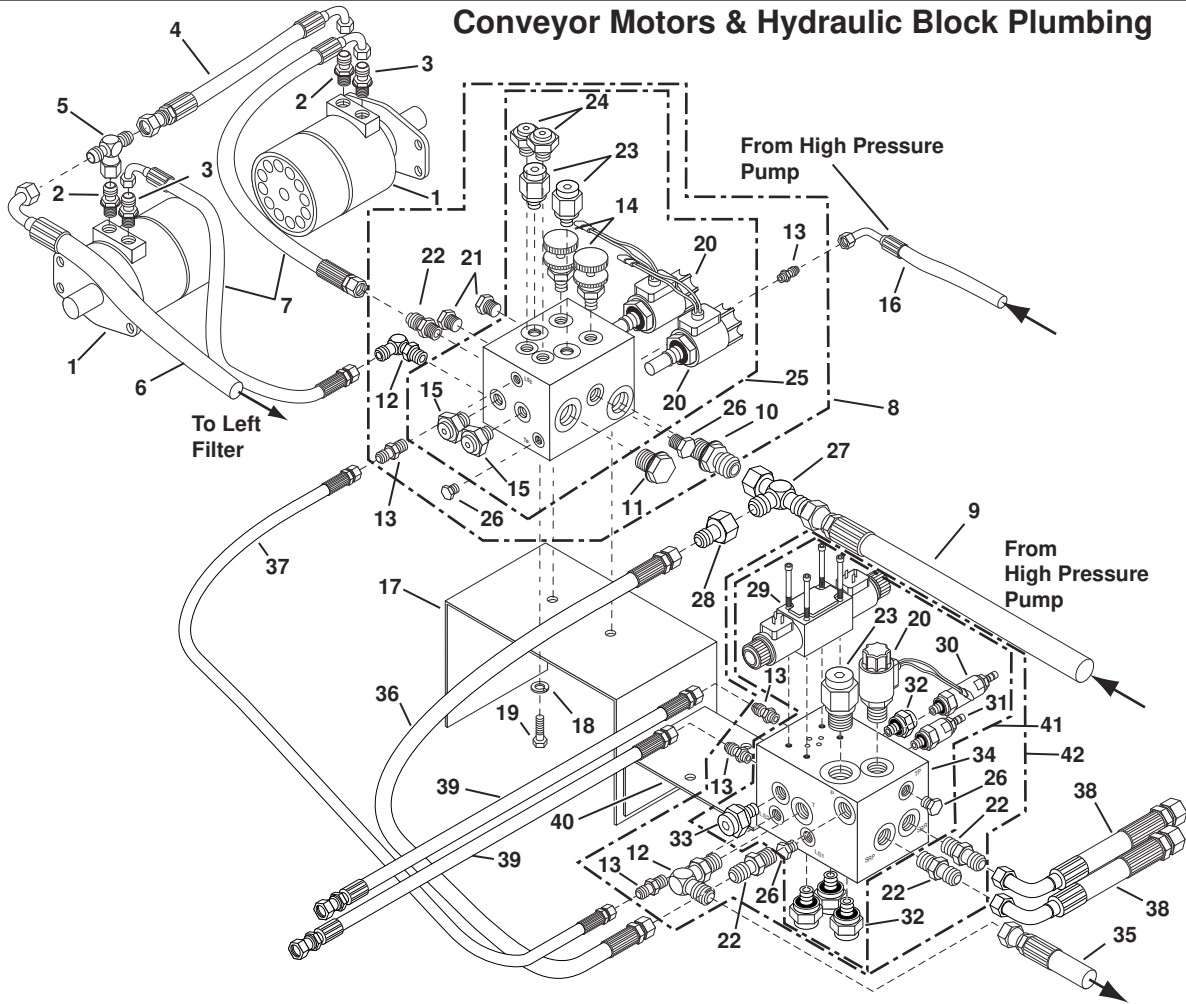
Hydraulic Tank Plumbing



HYDRAULIC

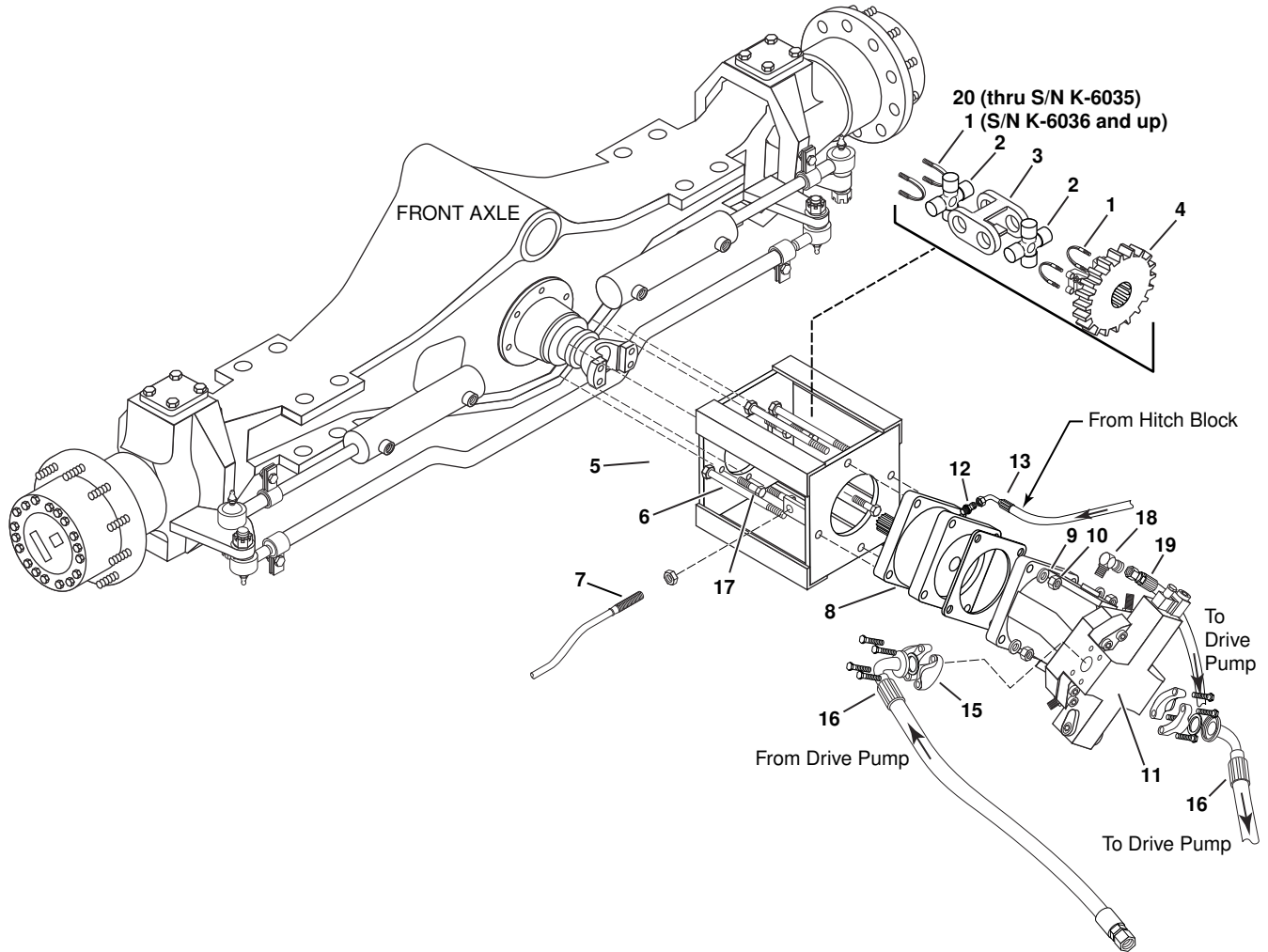
REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3330026	1	Cap-Fill, Blank	14	6000792	2	Clamp-Hose, Worm Drive, 1.06 to 2
2	6000233	1	Gasket-2.18 Filler Cap, Leather	15	6602629	1	Hose-Suction, 1-1/4
3	6602685	1	Magnet-Hyd Tank	16	6700400	1	Sender-Temp 12V, 0.50NPT
4	6601125	1	Breather-Hyd Rsv. 0.75NPT, 5PSI	17	3181196	1	Hose Asm-16 x 144, 16FJX-16FJX
	7430221	1	Element	18	9410207	1	Adapter-Hyd, ST, 16MB-16MJ
5	4470915	2	Elbow-Hyd, 45, 12FPX-12MP	19	6600224	1	Plug-Oil, Eyesite, MCMASST CARR
6	6602214	2	Filter-Hyd Vacuum, 10 Micron ABS	20	0219187	1	Plug-Pipe, SqHd, 0.12NPT, PN
	7420244	1	Element	21	3181206	1	Hose Asm-12 x 43, 12FJX90-12FJX90
7	9410200	1	Adapter-Hyd, ST, 04MB-04MJ	22	6602765	1	Elbow-Hyd, 90, 16FJX-12MJ
8	6602756	1	Adapter-Hyd, ST, 20MP-16MJ	23	6601894	1	Tee-Hyd, 16MJ-16MJ-16FJX
9	3181232	1	Hose Asm-16 x 48, 16FJX-16FJX				
10	3181247	1	Hose Asm-04 x 244, 04FJX90-04FJX				
11	6601039	2	Elbow-Hyd, 90, 02FPX-02MP				
12	7420183	2	Indicator-Condition, Hyd Filter				
13	6602762	1	Hose End-90, 20BARB-20MP				

Conveyor Motors & Hydraulic Block Plumbing



REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	6602376	2	Motor-Hyd,14.8 Cir	25	3181640	1	Manifold-Conveyor/Auger/Spread Roll Includes Ref.#s 14,15,20,23,24
2	6600910	2	Adapter-Hyd,ST,10MB-12MJ	26	9410356	3	Plug-Hyd,04MB
3	6600903	2	Adapter-Hyd,ST,08MJ-10MB	27	9410337	1	Tee-16MJ-16FJX-16MJ
4	3181204	1	Hose Asm-12 x 19,12FJX-12FJX90	28	6601889	1	Adapter-16FJX-12MJ
5	9410309	1	Tee-Hyd, 12MJ-12MJ-12FJX	29	6603343	1	Valve-Prop,4 Way,3 Pos,D03
6	3181646	1	Hose Asm-12 x 78,12FJX-12FJX90	7050154	1	Coil	
7	3181202	2	Hose Asm-08 x 24,08FJX-08FJX90	30	7050264	1	Valve-Cartridge,Pressure Reducing
8	3181647	1	Manifold Assy-Conv/Spreadroll Includes Ref.#s 10-13, 21,22,25,26	31	7050373	1	Valve-Cartridge,Needle Valve
9	3181196	1	Hose Asm-16 x 144,16FJX-16FJX	32	7050367	4	Valve-Cartridge,Load Sense
10	9901915	1	Adapter-Hyd,St,16MJ-12MB	33	7050362	1	Valve-Cartridge,Load Sense Check
11	9410361	1	Plug-Hyd,12MB	34	7050374	1	Manifold-Steel
12	9410977	2	Elbow-Hyd,90,08MB-08MJ	35	3181285	1	Hose Asm-08 x 22,08FJX-12FJX
13	9410200	5	Adapter-Hyd,ST,04MB-04MJ	36	3181626	1	Hose Asm-08 x 28,08FJX-12FJX
14	7050260	2	Valve-Cartridge,Needle Valve	37	3181625	1	Hose Asm-04 x 24,04FJX-04FJX
15	7050263	2	Valve-Cartridge,Check	38	3181633	2	Hose Asm-08 x 132,08FJX90-08MPX
16	3181198	1	Hose Asm-04 x 138,04FJX90-04FJX90	39	3181624	2	Hose Asm-04 x 138,04MPX-04FJX
17	3120789	1	Manifold Plate	40	3102162	1	Manifold Mt Asm-Fixed Hopper
18	0120382	3	Washer-Lock, 0.38, Spring, PD	41	3181642	1	Manifold-Steel,Gate Includes Ref. #s 20,23,26,29,30-33,34
19	0120233	3	Screw-Hex, 0.38NC x 1.00, GR2, PD	42	3181657	1	Manifold Asm-Steel,Gate Includes Ref. #s 13,22,34,41
20	7050258	3	Valve-Cartridge, Sol, 2Way/2Pos				
	7050259	3	Coil				
21	9410359	3	Plug-Hyd,08MB				
22	9410203	4	Adapter-Hyd,St,08MB-08MJ				
23	7050261	3	Valve-Cartridge,Pressure,Compensator.				
24	7050370	2	Valve-Cartridge,Check				

Front Motor Installation



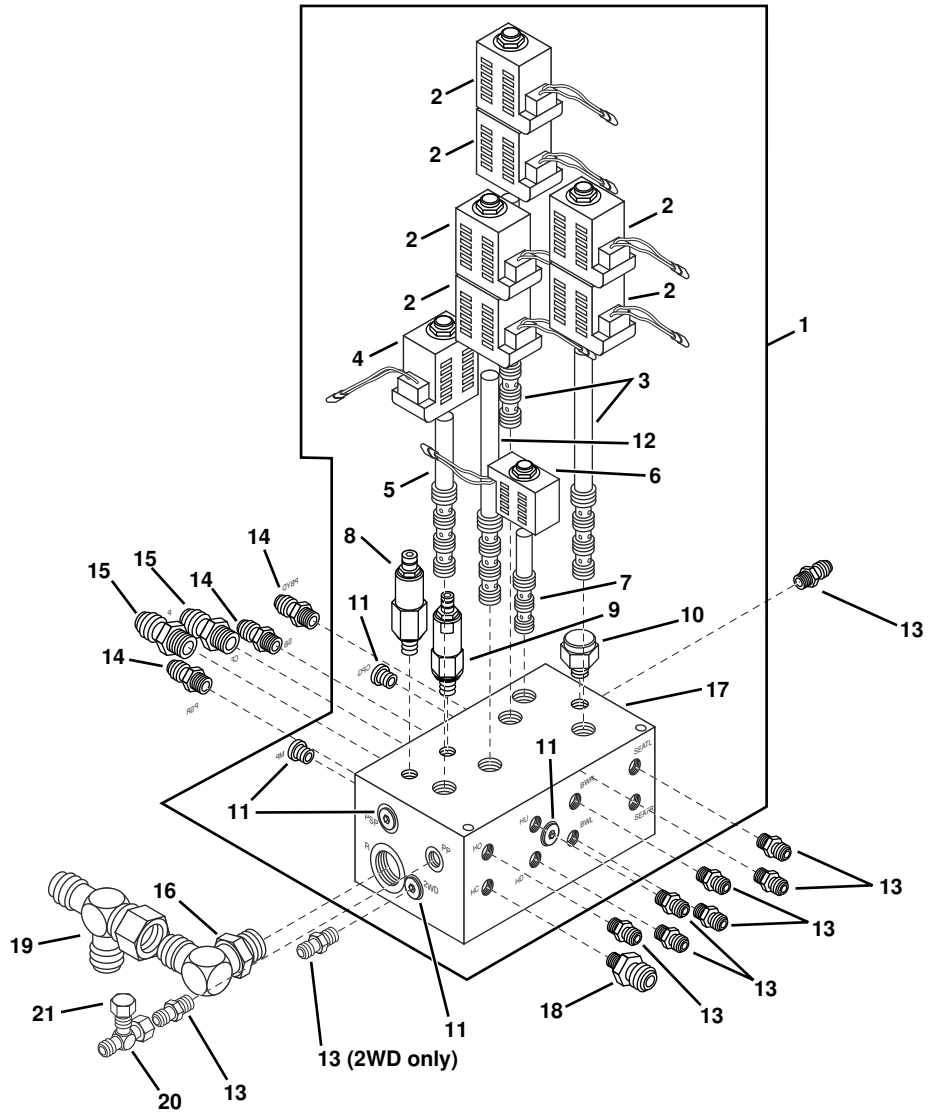
HYDRAULIC

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	6400521	AR	Bearing/Strap Kit,1480 Series	11	3181074	1	Motor-Hyd, 160CC W/O Speed Sens
2	3110073	2	Journal & Brg.Kit-SP5-188X PO		7050146	1	Solenoid
3	3111286	1	Yoke-Center Assy, Spicer 1480		7050189	1	Seal Kit
4	3101959	1	End Yoke-Speed Weldment		7050191	1	Shaft Seal
	7050276	1	Bearing Kit w/Straps	12	9410200	1	Adapter-Hyd,ST,04MB-04MJ
5	3111305	1	Mount-Hydraulic Motor	13	3181437	1	Hose Asm-04 x 136,04FJX90-04FJX90
6	6100292	4	Screw-Hex, 3/4 x 8, GR8, PD	14			
7	6702531	1	Speed Sensor Cable Asm	15	6602679	2	Split Flange Kit-1 1/4" Code 62
8	3111298	1	Brake-Parking-Mico	16	6602790	2	Hose Asm-16 x 50-20FLH90-16FJX
	7050272	1	Seal Kit	17	0454778	4	Screw-Hex,0.56NC x 2.00,GR8,PD
	7050273	1	Bearing Kit	18	9410979	1	Elbow-Hyd, 90,12MB-12MJ
	7050274	1	Spring Kit	19	3181235	1	Hose Asm-12 x 56,12FJX-12FJX
	7050275	1	Lining Kit	20	3111288	1	U-Bolt Kit-1480 (thru S/N K-6035)
	3111349	1	Brake-Parking-Ausco				
	7050201	1	O-Ring Service Kit				
	7050202	1	Stack Service Kit				
	7050203	1	Bearing Service Kit				
	7050204	1	Gasket Service Kit				
9	0131046	4	Washer-Lock,0.75,Spring,PD				
10	3110524	4	Nut-Hex,0.75NC,PD				

Hitch - Power Steering - Brake - Rear Hopper

Manifold Asm - 3181422

From Serial Number K-5821



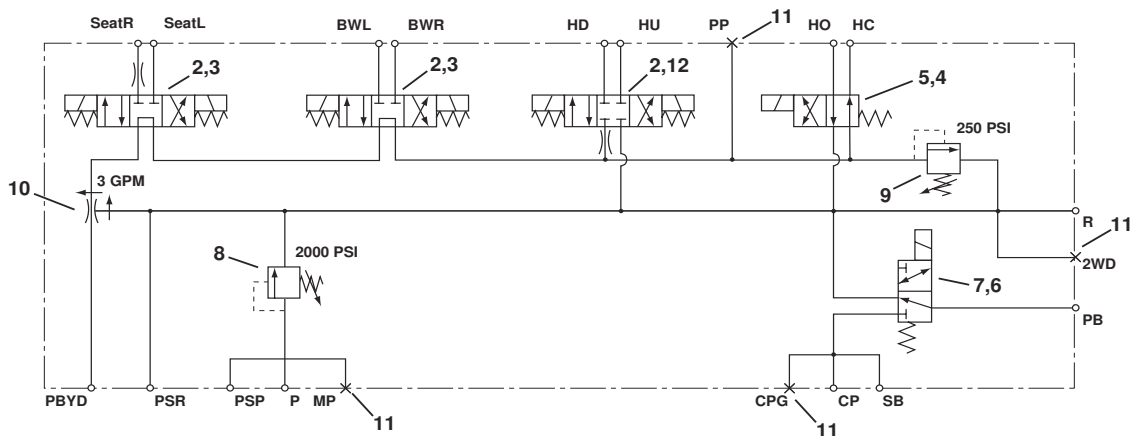
HYDRAULIC

Hitch - Power Steering - Brake - Rear Hopper

Manifold Asm - 3181422
From Serial Number K-5821

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3181422	1	Manifold-Hitch,Steering,Brake,Hopper				
2	7050196	6	Coil-12V, Weatherpack				
3	7050193	2	Vlv-Cartridge,Sol,4 Way,3 Pos				
4	7050196	1	Coil-12V, Weatherpack				
5	7050194	1	Vlv-Cartridge,Sol,4 Way,2 Pos				
6	7050197	1	Coil-12V, Weatherpack				
7	7050195	1	Vlv-Cartridge,Sol,3 Way,2 Pos				
8	7050199	1	Vlv-Cartridge,Relief,2000 PSI				
9	7050200	1	Vlv-Cartridge,Relief,250 PSI				
10	7050198	1	Valve-Cartridge,Priority Flow Reg				
11	7430268	4	Plug-Hyd,Socket Hd,04MB				
12	7050192	1	Vlv-Cartridge,Sol,4 Way,3 Pos				
13	9410200	8	Adapter-Hydr,St,04MB-04MJ				
14	9410202	3	Adapter-Hydr,St,06MB-06MJ				
15	9410203	2	Adapter-Hydr,St,08MB-08MJ				
16	9410979	1	Elbow-Hydr,90,12MB-12MJ				
17	7050325	1	Manifold Block				
18	6603038	1	Adapter-Hydr,St,04MB-08MJ				
19	6602134	1	Adapter-Hydr,St,06MB-04MJ				
20	6602140	1	Tee-04MJ-04FJX-04MJ				
21	6602117	1	Cap-04FJ				

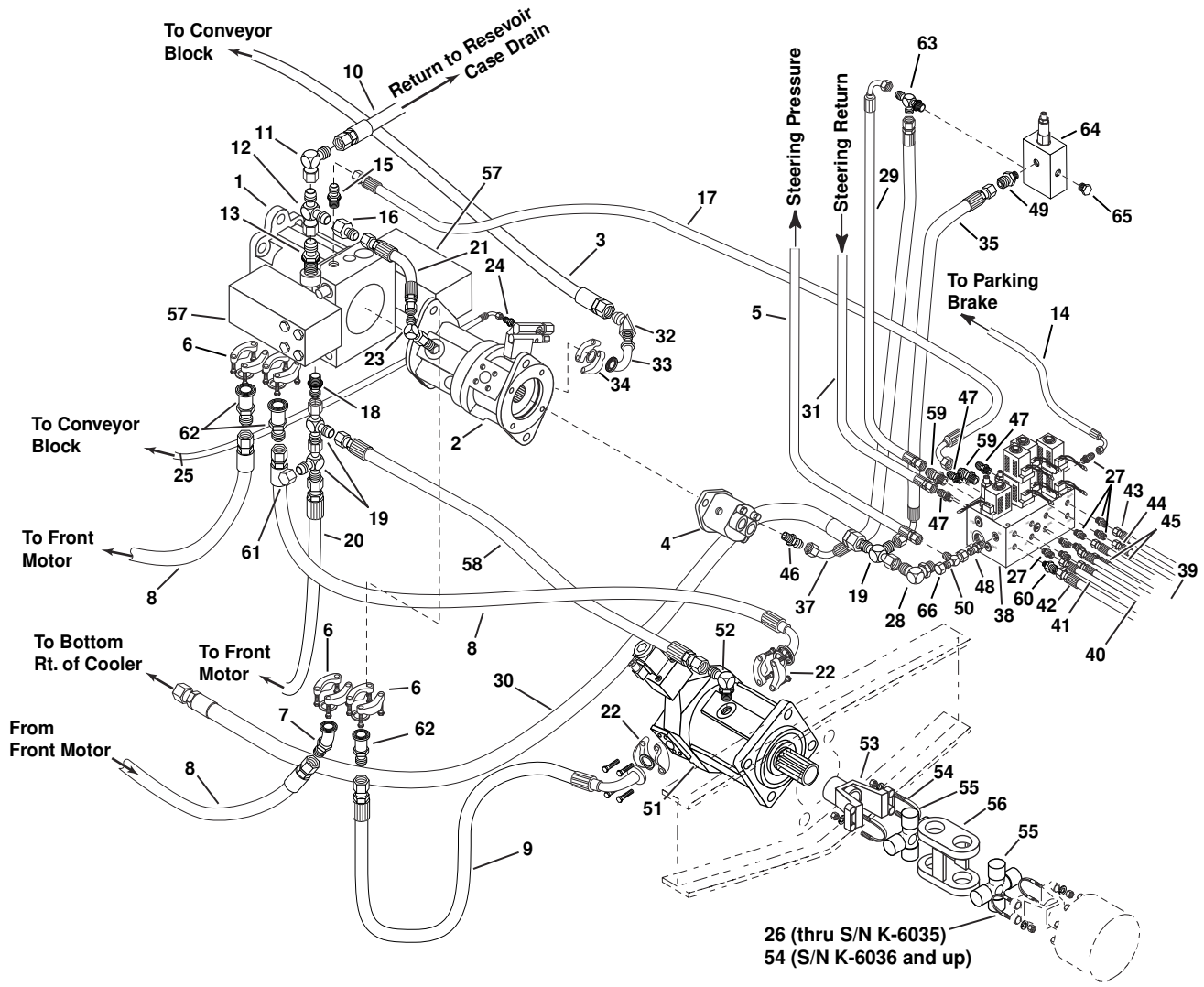
Note: Ref #1 includes Ref #2 through #12 and #17



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Hydraulic Pumps And Rear Motor - 4WD

HYDRAULIC



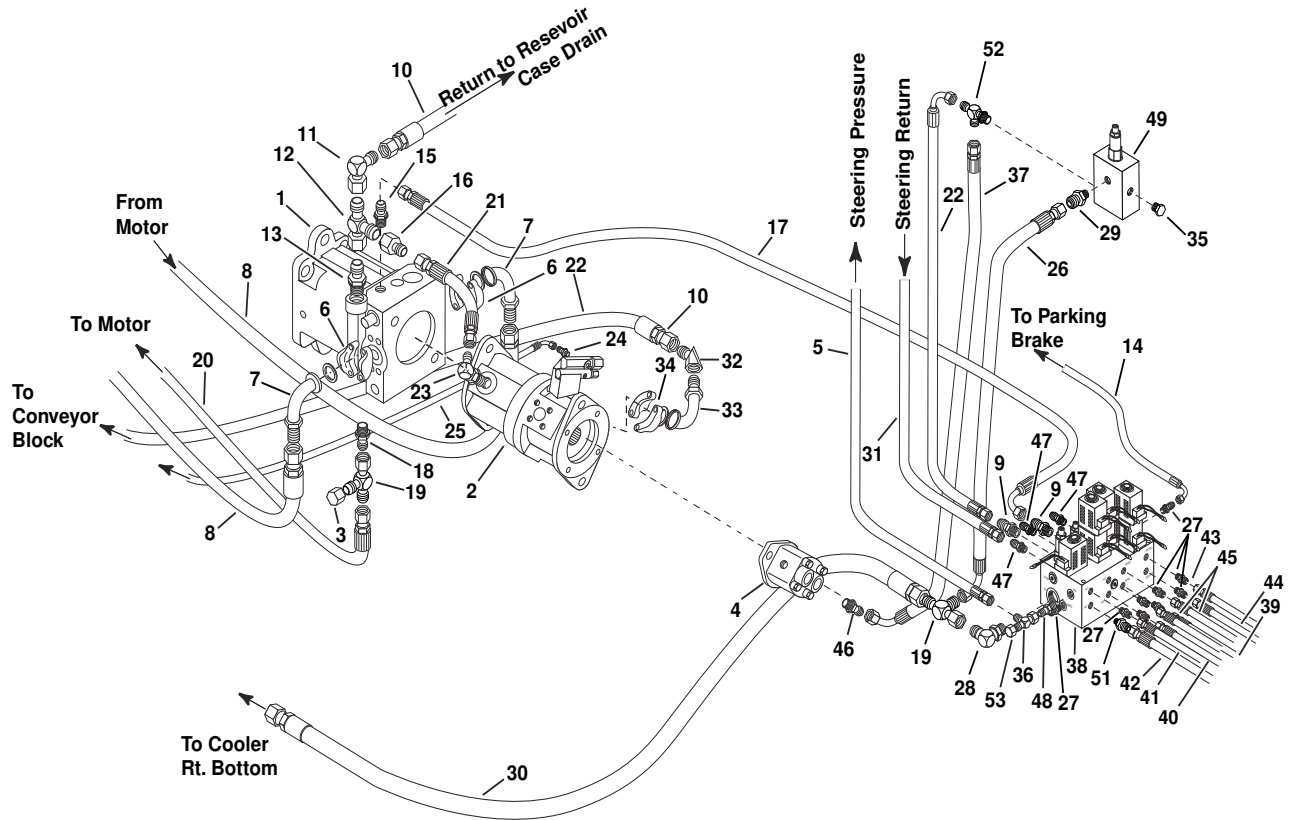
Hydraulic Pumps And Rear Motor - 4WD

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3181072	1	Pump-125CC Var Disp.,5800 PSI	43	3181496	1	Hose Asm-04 x 66,04FJX-04FJX
	7050056	1	Pump Stroker	44	3181497	1	Hose Asm-04 x 65,04FJX-04FJX
	7050136	1	Filter	45	3181446	4	Hose Asm-04 x 123,06MPX90-04FJX
	7050137	1	Filter Element	46	6600921	1	Adapter-Hydr,St,08MJ-12MB
	7050138	1	O-Ring-Filter	47	9410202	3	Adapter-Hyd,ST,06MB-06MJ
	7050160	1	Filter Indicator	48	6602134	1	Adapter-Hyd,ST,06MB-04MJ
	7050319	1	Switch-Filter Indicator	49	6600897	1	Adapter-Hydr,St,08MB-12MJ
2	6602601	1	Pump-Var Disp.,4.52 CID,Aux A Pad	50	6602140	2	Tee-Hydr,04MJ-04FJX-04MJ
	7050089	1	O-Ring-Between Pump Items 1 & 2	51	3181074	1	Motor-Hyd,160CC W/O Speed Sens
	7050406	1	Compensator		7050146	1	Coil
3	3181628	1	Hose Asm-16 x 144,16FJX-16FJX		7050189	1	Seal Kit
4	6603130	1	Pump-1.16 CI,RH,9T,SAE A Mt		7050191	1	Shaft Seal
	7050090	1	O-Ring-Between Pump Items 3 & 4	52	9410979	1	Elbow-Hyd,90,12MB-12MJ
5	3181439	1	Hose Asm-06 x 138,06FJX-06FJX90	53	6400522	1	Yoke-End,13 Spline,Spicer,1480
6	6602624	4	Split Flange Kit-1" Code 62	54	6400521	AR	Bearing Strap Kit-Spicer,1480
	0274253	4	O-Ring-16OR	55	3110073	2	Journal & Brg. Kit-SP5-188X PO
7	6603269	1	Elbow-45,16FLH-16MJ	56	3111286	1	Yoke-Center Assy,Spicer 1480
8	6602790	3	Hose Asm-16 x 50-20FLH90-16FJX	57	6603163	2	Tee-20FLH-16FLH-16FLH
9	6602791	1	Hose Assy-16 x 33,20FLH90-16FJX		7420292	2	O-Ring,20OR
10	3181233	1	Hose Asm-16 x 140,16FJX-16FJX		6001426	8	Screw-Socket Head,1/2 x 3 3/4,Gr 8,PD
11	9410285	1	Elbow-Hyd,90,16FJX-16MJ		0120384	8	Washer-Lock,1/2, Spring
12	9410337	1	Tee-Hyd,16MJ-16FJX-16MJ	58	3181238	1	Hose Asm-12 x 38,12FJX-12FJX90
13	9410207	1	Adapter-Hyd,ST,16MB-16MJ	59	9410203	2	Adapter-Hyd,ST,08MB-08MJ
14	3181437	1	Hose Asm-04 x 126,04FJX90-04FJX90	60	6603038	1	Adapter-Hyd,ST,04MB-08MJ
15	6600903	1	Adapter-Hyd,ST,08MJ-10MB	61	9403374	1	Cap-Hyd,12FJ
16	6601889	1	Adapter-Hyd,ST,16FJX-12MJ	62	6603268	3	Adapter-Hydr,16FLH-16MJ
17	3181438	1	Hose Asm-08 x 36,08FJX-08FJX90	63	9411131	1	Tee-Hydr,08MB-08MJ-08MJ
18	6601418	1	Adapter-Hyd,ST,12MJ-16MB	64	6601118	1	Valve-Relief,Power Steering
19	9410335	3	Tee-Hyd,12MJ-12FJX-12MJ	65	9410359	1	Plug-Hydr,08MB,PD
20	3181235	1	Hose Asm-12 x 56,12FJX-12FJX	66	6602117	1	Cap-04FJ
21	3181236	1	Hose Asm-12 x 25,12FJX-12FJX				
22	6602679	2	Flange Kit-1 1/4,4 Bolt,Code 62				
23	6601811	1	Elbow-Hyd,90,10MB-12MJ				
24	6603178	2	Adapter-Hyd,ST,04MB-04MJ,.030 Orif				
25	3181198	1	Hose Asm-04 x 138,04FJX-04FJX90				
26	3111288	1	U-Bolt Kit,1480 (thru S/N K6035)				
27	9410200	8	Adapter-Hyd,ST,04MB-04MJ				
28	9410283	2	Elbow-Hyd,90,12FJX-12MJ				
29	3181498	1	Hose Asm-08 x 19,08FJX-08FJX90				
30	3181456	1	Hose Asm-12 x 122,12FJX-12FJX				
31	3181445	1	Hose Asm-06 x 141,06FJX-06FJX90				
32	6602021	1	Elbow-Hyd,45,16MJ-16FJX				
33	6601045	1	Elbow-Hyd,90,16FL-16MJ				
34	6600236	1	Flange Kit-1.00,4 Bolt,Code 61				
	0274253	1	O-Ring-16OR				
35	3181423	1	Hose Asm-12 x 30,12FJX-12FJX90				
36	9410979	1	Elbow-Hyd,90,12MB-12MJ				
37	3181449	1	Hose Asm-08 x 26,08FJX-08FJX90				
38	3181422	1	Manifold-Hitch/Pwr Steer/Brake				
39	3181444	1	Hose Asm-04x42,04FJX-04FJX90				
40	3181443	1	Hose Asm-04x51,04FJX-04FJX90				
41	3181442	1	Hose Asm-04x113,04FJX-04FJX90				
42	3181441	1	Hose Asm-08x115,08FJX-08FJX90				

HYDRAULIC

Hydraulic Pumps - 2WD

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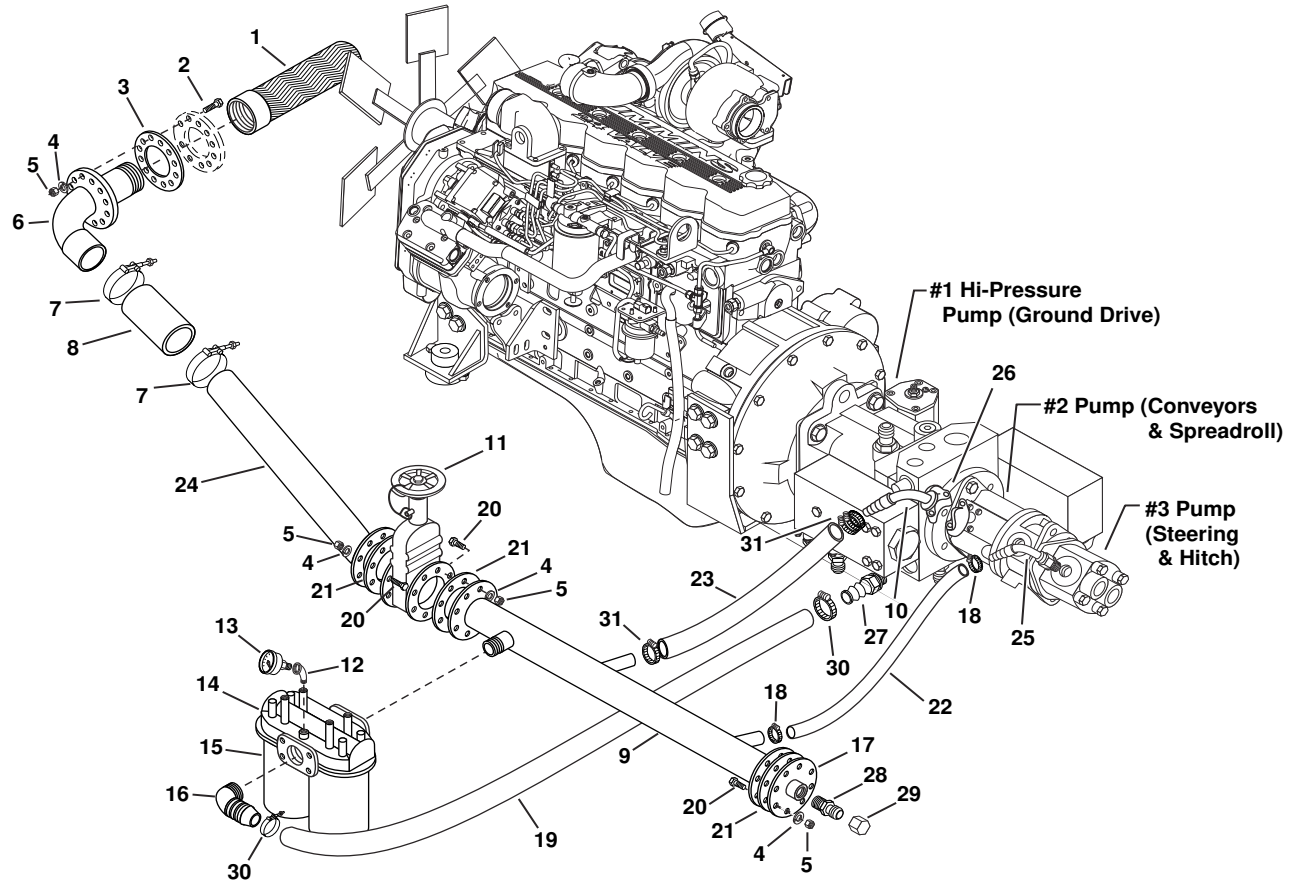


Hydraulic Pumps - 2WD

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3181072	1	Pump-125CC Var Disp.,5800 PSI	46	6600921	1	Adapter-Hydr,ST,08MJ-12MB
	7050056	1	Pump Stroker	47	9410202	3	Adapter-Hyd,ST,06MB-06MJ
	7050136	1	Filter	48	6602134	1	Adapter-Hyd,ST,06MB-04MJ
	7050137	1	Filter Element	49	6601118	1	Valve-Relief,Power Steering
	7050138	1	O-Ring-Filter	50	6602140	2	Tee-Hydr,04MJ-04FJX-04MJ
	7050160	1	Filter Indicator	51	6603038	1	Adapter-Hyd,ST,04MB-08MJ
	7050319	1	Switch-Filter Indicator	52	9411131	1	Tee-Hydr,08MB-08MJ-08MJ
2	6602601	1	Pump-Var Disp.,4.52 CID,Aux A Pad	53	6602117	1	Cap-Hyd,04FJ
	7050089	1	O-Ring-Between Pump Items 1 & 2				
	7050406	1	Compensator				
3	9403374	1	Cap-Hyd,12FJ				
4	6603130	1	Pump-1.16 Cir,RH,9T,SAE A				
5	3181439	1	Hose Asm-06 x 138,06FJX-06FJX90				
6	6602679	2	Split Flange Kit-1 1/4 Code 62				
7	6602678	2	Elbow-90,20FLH-20MJ				
8	3181174	2	Hose Assy-1 1/4 x 50 ,6000 PSI				
9	9410203	2	Adapter-Hyd,St,08MB-08MJ				
10	3181628	1	Hose Asm-16 x 144,16FJX-16FJX				
11	9410285	1	Elbow-Hyd,90,16FJX-16MJ				
12	9410337	1	Tee-Hyd,16MJ-16FJX-16MJ				
13	9410207	1	Adapter-Hyd,ST,16MB-16MJ				
14	3181437	1	Hose Asm-04 x 126,04FJX90-04FJX90				
15	6600903	1	Adapter-Hyd,ST,08MJ-10MB				
16	6601889	1	Adapter-Hyd,ST,16FJX-12MJ				
17	3181438	1	Hose Asm-08 x 36,08FJX-08FJX90				
18	6601418	1	Adapter-Hyd,ST,12MJ-16MB				
19	9410335	2	Tee-Hyd,12MJ-12FJX-12MJ				
20	3181235	1	Hose Asm-12 x 56,12FJX-12FJX				
21	3181236	1	Hose Asm-12 x 25,12FJX-12FJX				
22	3181498	1	Hose Asm-08 x 19,08FJX-08FJX90				
23	6601811	1	Elbow-Hyd, 90,10MB-12MJ				
24	6603178	2	Adapter-Hyd,ST,04MB-04MJ.,031 O				
25	3181198	1	Hose Asm-04 x 138,04FJX-04FJX90				
26	3181423	1	Hose Asm-12 x 30,12FJX-12FJX90				
27	9410200	8	Adapter-Hyd,ST,04MB-04MJ				
28	9410283	1	Elbow-Hyd,90,12FJX-12MJ				
29	6600897	1	Adapter-Hydr,St,08MB-12MJ				
30	3181456	1	Hose Asm-12 x 122,12FJX-12FJX				
31	3181445	1	Hose Asm-06 x 141,06FJX-06FJX90				
32	6602021	1	Elbow-Hyd,45,16MJ-16FJX				
33	6601045	1	Elbow-Hyd,90,16FL-16MJ				
34	6600236	1	Flange Kit-1.00,4 Bolt,Split				
35	9410359	1	Plug-Hydr,08MB,PD				
36	9410979	1	Elbow-Hyd,90,12MB-12MJ				
37	3181449	1	Hose Asm-08 x 26,08FJX-08FJX90				
38	3181422	1	Manifold-Hitch/Pwr Steer/Brake				
39	3181444	1	Hose Asm-04x42,04FJX-04FJX90				
40	3181443	1	Hose Asm-04x51,04FJX-04FJX90				
41	3181442	1	Hose Asm-04x113,04FJX-04FJX90				
42	3181441	1	Hose Asm-08x115,08FJX-08FJX90				
43	3181496	1	Hose Asm-04 x 66,04FJX-04FJX				
44	3181497	1	Hose Asm-04 x 65,04FJX-04FJX				
45	3181446	4	Hose Asm-04 x 123,06MPX90-04FJX				

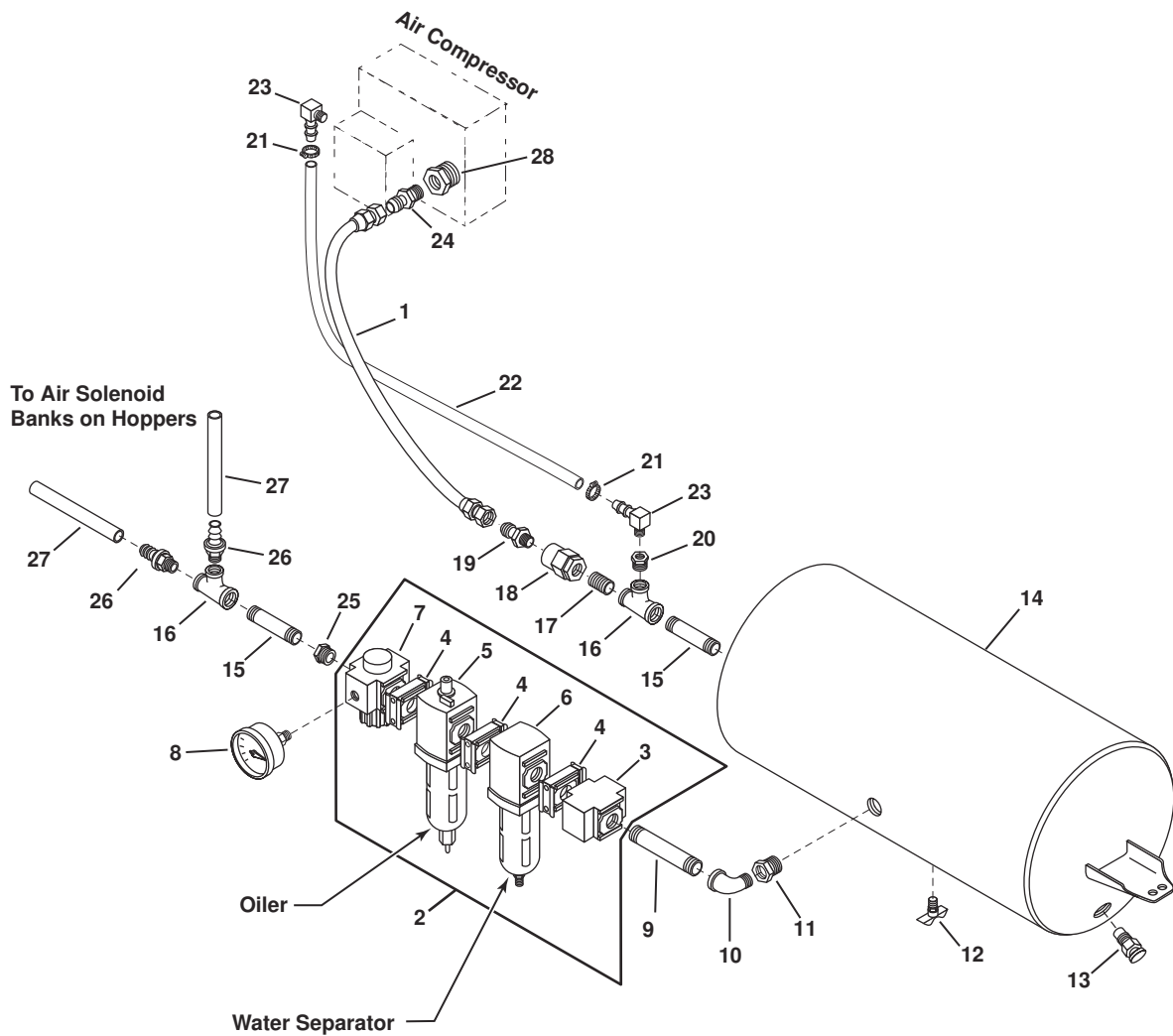
HYDRAULIC

Suction Lines



REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	6602617	1	Strainer-Suction 100 Mesh, 116 GPM	17	3181637	1	Flange Asm- 3", with coupling
2	0120918	12	Screw-Hex, 3/8NC x 1 1/2, GR2, PD	18	6600792	2	Clamp-Hose, Worm Dr., 1 1/16 to 2
3	6602604	1	Gasket-5" Flange, AV#15961-CB	19	3181095	1	Hose-Suct. Charge Pump, 1 1/2 x 33
4	0120382	36	Washer-Lock, 3/8, Spring, PD	20	0120233	24	Screw-Hex, 3/8NC x 1.00, GR2, PD
5	0120377	36	Nut-Hex, 3/8NC, PD	21	6601064	3	Gasket-3 Flange AV#10232-B, C+B
6	3181088	1	Outlet-Filter, Hyd Rsvr Weldment	22	3181098	1	Hose Suction, Rear Pump, 1" x 24"
7	6401448	2	Clamp-T-Bolt, 4 In. Worm Dr.	23	3181097	1	Hose Suction, Pump, 2" ID x 24" Lg.
8	3181096	1	Sleeve, Suction Pipe	24	3181228	1	Front Suction Pipe Weldment, Upper
9	3181289	1	Suction Pipe Weldment	25	6602735	1	Hose End, 45 Deg, 16 BARB-16MB
10	6602625	1	Hose End-2", 90 Deg. O-Ring Flange	26	6602628	1	Split Flange Kit-2"
11	3181343	1	Gate Valve/Safety Asm	27	6602736	1	Hose End-ST, 24 BARB-24MB
12	0106649	1	Elbow-Pipe, 45, ST, 1/8NPT, PN	28	9402711	1	Adapter-Hyd,12MJ-12MP
13	7420042	1	Indicator-Filter, Gresen #1588	29	9403314	1	Cap-Hyd,12FJ
14	6602618	1	Filter-Single Head Dual Element	30	6001444	2	Clamp-T-Bolt,2"
15	6602619	2	Element-Hydraulic Filter, 3 Micron	31	6001446	3	Clamp-T-Bolt,2 9/16"
16	6602764	1	Hose End-90, 24BARB-24MP, LP				

Air Reservoir

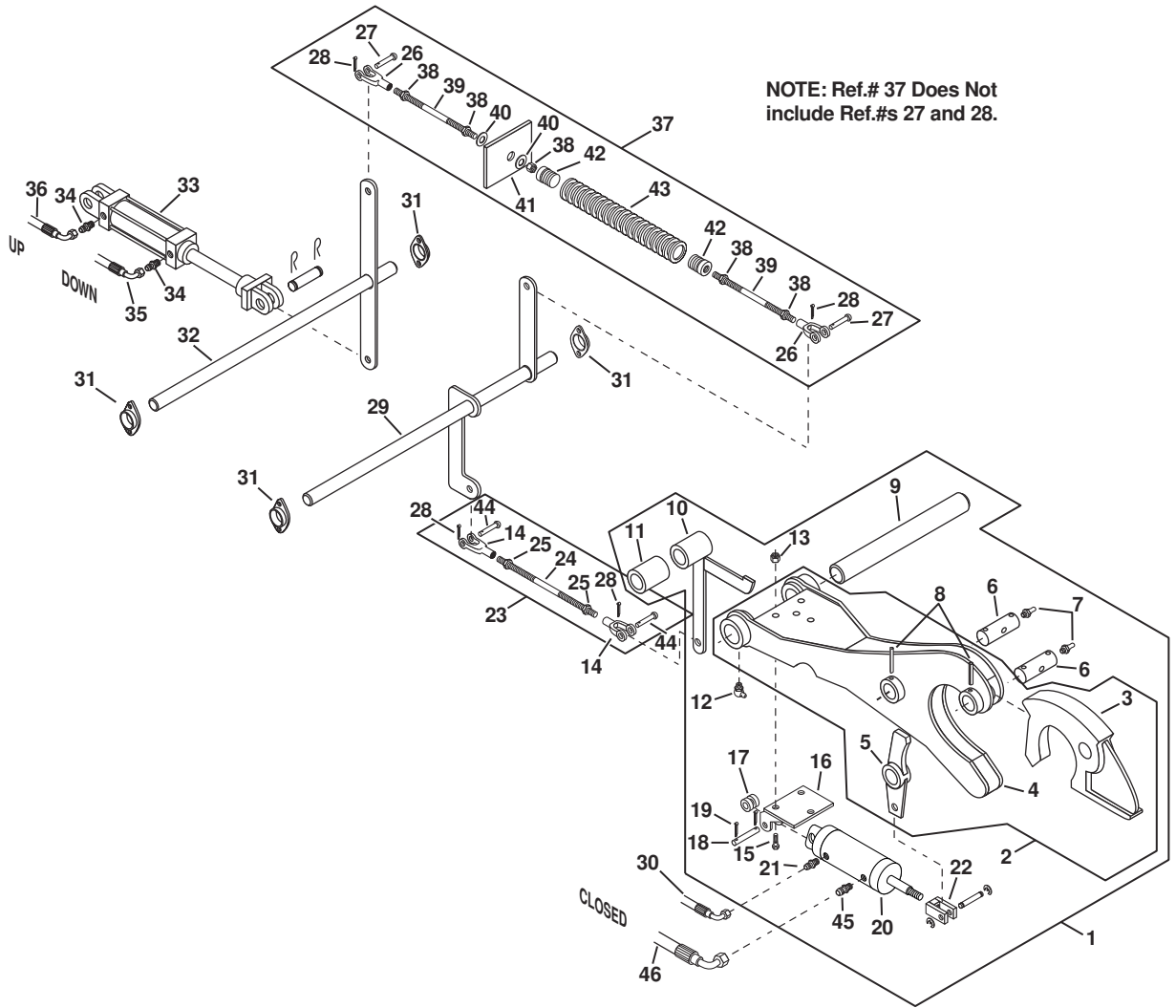


REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	6602274	1	Hose Asm-Air,SS,08FJX-08FJX	13	6600299	1	Vlv-Safety,Midland 110715
2	6602982	1	Air Oiler/Water Separater	14	6450357	1	Reservoir-Air,9.69 x 22.5
3	7050060	1	1/2" Safety Lockout V,Filter/Lub	15	0188126	2	Nipple-PP,Sch 40,0.38 x 2.00
4	7050061	3	Joiner,Filter/Lub	16	0218240	2	Tee-Pipe,0.38 x 0.25 x 0.25NPT,PD
5	7050058	1	1/2" Lubricator,Filter/Lub	17	0192050	1	Nipple-Sch 40,0.25 x 0.87CL,PD
	7050064	1	Lub Bowl/Guard,Filter/Lub	18	6600963	1	Valve-Check, Single,0.25NPT
	7050066	1	O-Ring (Nitrile) Bowl,Filter/Lub	19	Q6602192	1	Adapter-Hyd,ST,08MJ-04MP
6	7050059	1	1/2" Filter W/A Drain,Filter/Lub	20	0144035	1	Bushing-Pipe,0.25 x 0.12NPT,PD
	7050065	1	Filter Bowl/Guard,Filter/Lub	21	6001005	2	Clamp-Hose,Screw Type,M5
	7050066	1	O-Ring (Nitrile) Bowl,Filter/Lub	22	6309255	AR	Hose-Fuel,0.19 ID/FT
	7050067	1	Filter 5 Micron,Filter/Lub	23	6602242	2	Hose End-3/16 Hose x 1/8MPT,90
7	7050144	1	Regulator-Air,Adj 0-125 PSI	24	9402683	1	Adapter-Hyd,ST 08MJ-06MP
8	6602992	1	Gage-Air,0-160 PSI,1/4 NPT	25	0144039	1	Bushing-Pipe,0.50 x 0.38NPT,PD
9	0192077	1	Nipple-PP,Sch 40,0.50 x 2.50,PD	26	6600305	2	Hose End-06 x 04MP,ST,LPSP
10	0127961	1	Elbow-Pipe,90,ST,0.50NPT,PD	27	6600324	AR	Hose-Fuel/Air,0.38 ID
11	0144042	1	Bushing-Pipe,0.75 x 0.50NPT,PD	28	0144042	1	Bushing-Pipe,0.75 x 0.50NPT,PD
12	6600162	1	Cock-Drain,0.25 In.,Spanco				

AR - As Required

Hitch Assembly & Controls

CONTROLS

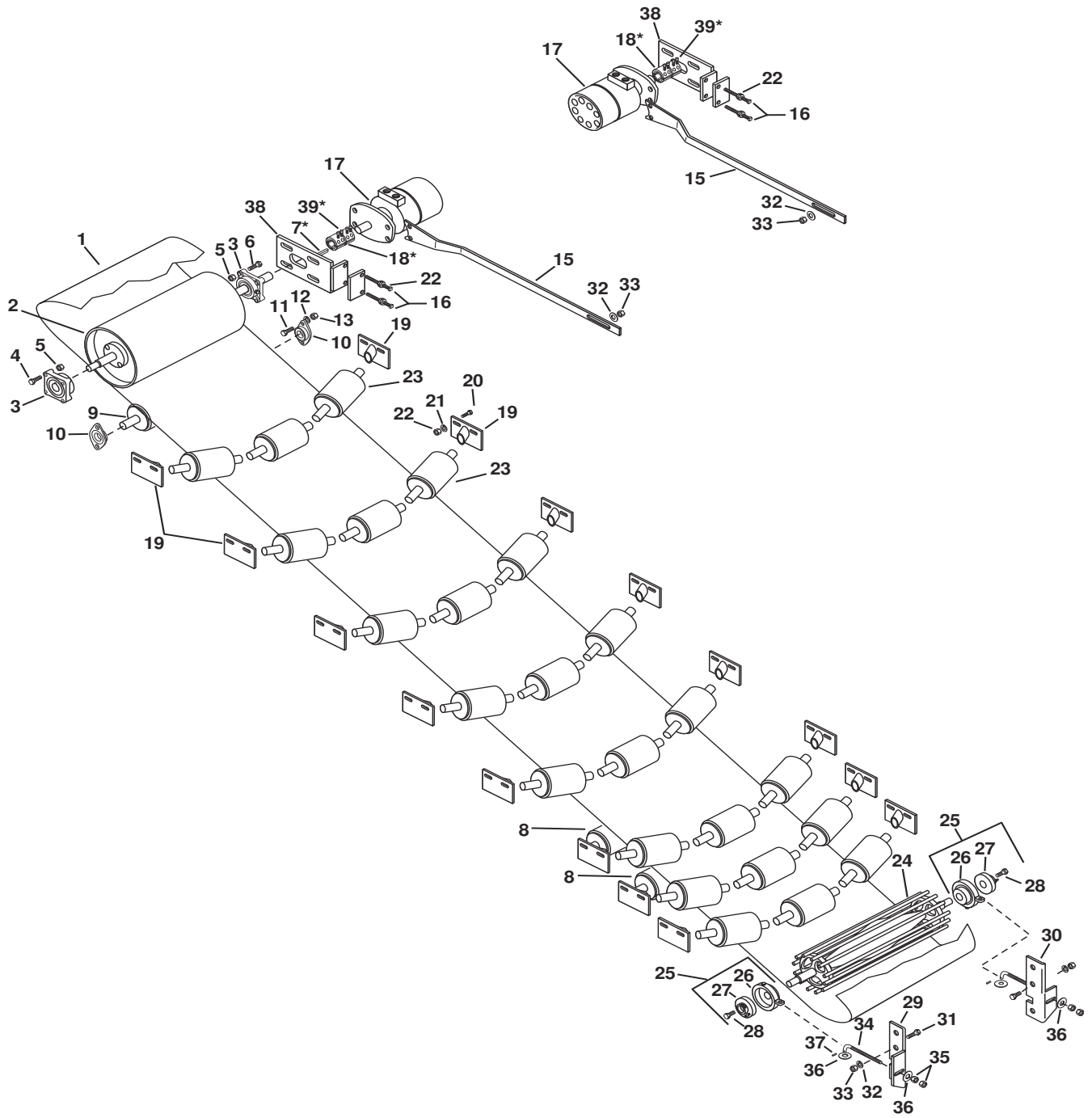


Hitch Assembly & Controls

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3130405	1	Hitch Asm-Rear Chips,Hydraulic				
2	3130359	1	Hitch Sub Asm				
3	3130364	1	Latch-Locking,Chips Hitch				
4	3130363	1	Body-Chips Hitch				
5	3130419	1	Dog Latch				
6	3130007	2	Shaft-Latch				
7	9411027	2	Fitting-Lub,Stgt x 1/2 Typ C				
8	0457008	2	Pin-Spring,0.19 x 1.50,HV,PN				
9	3130004	1	Shaft-Hitch Pivot				
10	3130011	1	Arm-Lifting Asm				
11	3130067	1	Hub-Lever Dog				
12	0109462	2	Elbow-Lube,90,0.13PTF x 0.84,PN				
13	9411638	3	Nut-Hex,Lock,0.31NC,PD				
14	6000367	2	Clevis-0.62NC W/0.53 Hole				
15	0122052	3	Screw-Hex,0.31NC x 1.75,GR2,PD				
16	3130417	1	Mtg. Asm-Rear Cyl,Hitch Release				
17	3130420	2	Tube-Spacer,Hitch Asm				
18	3130418	1	Pin-RR Cyl. Mtg. Hitch Release				
19	0103375	2	Pin-Cotter,0.09 x 1.25, PD				
20	6602578	1	Cyl, Hydr,1.50 Bore x 2.00 Stroke				
21	6601381	1	Adapter-Hydr,ST,04MP-04MJ				
22	6602579	1	Rod Clevis,Hyd Cyl.				
23	3130444	1	Linkage Asm-Rear Hitch				
	3130447	1	Linkage Asm-Short (Shipped Loose)				
24	3130446	1	Arm Asm-Long				
	3130448	1	Arm Asm-Short				
25	0124589	2	Nut-Hex,0.62NC,PD				
26	3140117	2	Clevis-0.50 Spck 2708-6A Cleve				
27	6000401	2	Rivet-RdHd,0.50 x 1.62,Drilled,PD				
28	0103386	4	Pin-Cotter,0.12 x 1.25,PD				
29	3130439	1	Lever-Actuator,Hitch,Hydro CS				
30	3181442	1	Hose Asm-04 x 113,04FJX-04FJX90				
31	6420106	4	Flange-Brg, Ball,2 Blt.,1.00STMP				
32	3150811	1	Shaft Asm-Hitch,Release,Front				
33	6601781	1	Cylinder-Hyd,2.00 x 6.00				
	7420230	1	Kit-Repair,Cyl,2"				
34	6602751	2	Adapter-Hyd,ST,06MP-04MJ				
35	3181443	1	Hose Asm-04 x 51,04FJX-04FJX90				
36	3181444	1	Hose Asm-04 x 42,04FJX-04FJX90				
37	3130441	1	Linkage-Hook,Car,Hydro CS				
38	0120238	5	Nut-Hex,Jam,0.50NC				
39	3130440	2	Rod-Conn.,Hydro C.S.				
40	0120390	2	Washer-Flat,0.50A,W,PD				
41	3150665	1	Bumper-Hitch Linkage				
42	3130059	2	Screw-Thd,Spring				
43	3100078	1	Sprg-Est. 1.5 ID x 13 Lg. No Loops				
44	6000403	2	Rivet-RdHd,0.50 x 2.00,Drilled				
45	Q014506	1	Adapter-Hyd,ST,08MJ-04MP				
46	3181441	1	Hose Asm-08 x 115,08FJX-08FJX90				

CONTROLS

Conveyor Arrangement



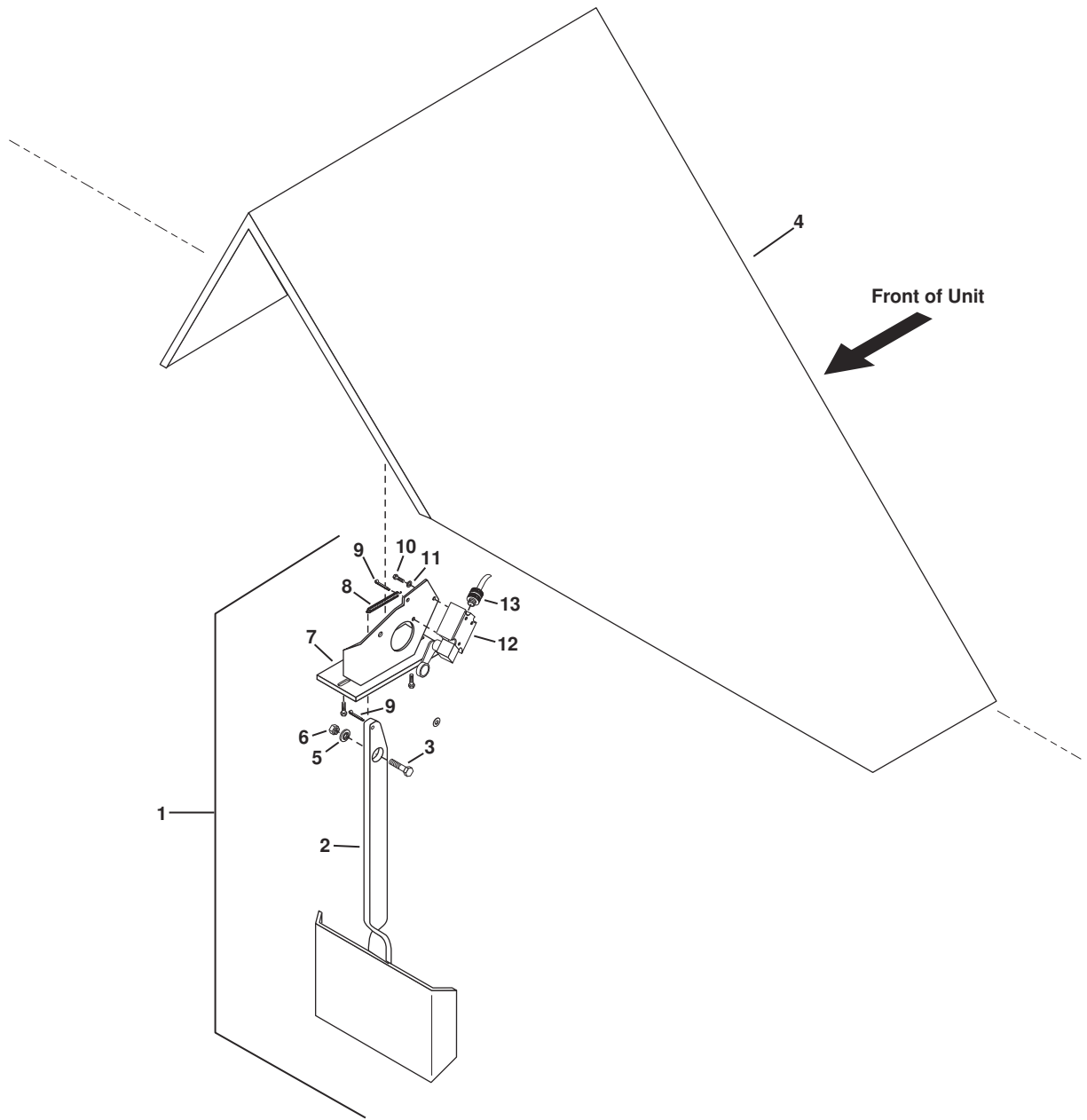
CONV & REAR HOPPER

Conveyor Arrangement

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3130395	1	Belt-Conv,24",W/Fastener				
	7050128	1	Hinge Pin-24" Belt Splice				
	7050127	1	Splice-24",Complete Kit				
2	3130422	2	Head Pulley Assy-Conv,No Lag				
3	3140094	4	Flange Brg-Ball,4 Bolt,1.562				
4	0186646	8	Screw-Hex,0.50NC x 1.75,GR8,PN				
5	9411727	16	Nut-Hex,Lock,0.50NC,EA,PD				
6	0180183	8	Screw-Hex,0.50NC x 2.25,GR5,PD				
7	6000224	2	Key-0.31 x 0.31CR x 1.00				
8	6435479	4	Roller-Return, 24" Conveyor				
9	3130398	2	Roller Asm-Front Idler				
10	6420086	4	Flange Brg-Ball,2 Blt.,1.00				
11	6100277	8	Screw-Carr Blt.,0.31NC x 1,GR5,PD				
12	0120214	8	Washer-Lock,0.31,Spring,PD				
13	0120376	8	Nut-Hex,0.31NC,PD				
14	0109462	8	Fitting-Lub,90,0.12				
15	3130424	2	Torque Arm-Conv Motor Mount				
16	0191966	4	Screw-SqHd,0.38NC x 3.00,Oval,PD				
17	6602376	2	Motor-Hyd,14.8 Cir				
18	6445077	2	Coupler-1.25 W/5-16 Key Includes Item No's 7 & 39				
19	3130003	32	Bracket-Idler				
20	0120233	64	Screw-Hex,0.38NC x 1.00,GR2,PD				
21	0120382	64	Washer-Lock,0.38,Spring,PD				
22	0120377	68	Nut-Hex,0.38NC,PD				
23	6435478	48	Roller-Trough, 24" Conveyor				
24	3130402	2	Pulley Asm-Tail,Conveyor CS				
25	3130095	4	Bearing & Hsg Asm-Tail Pulley				
26	3100096	1	Brg-Cartridge,SC-22,1.38 Dia.				
27	3130055	1	Housing-RR Pull Brg				
28	6000550	2	Screw-Hex,0.25-14 x 0.75,Tek 3,PD				
29	3102039	2	Bracket-Align,RH				
30	3102040	2	Bracket-Align,LH				
31	3100174	12	Screw-Rear Pulley				
32	0120384	12	Washer-Lock,0.50,Spring,PD				
33	0120378	12	Nut-Hex,0.50NC,PD				
34	3130083	4	Screw-Tail Pulley Adj.				
35	0124589	8	Nut-Hex,0.62NC,PD				
36	0130999	4	Washer-Flat,0.62A(0.69 x 1.75)PD				
37	0457008	4	Pin-Spring,0.19 x 1.50,HV,PN				
38	3180945	2	Plate-Bearing,Adjustment				
39*	*****	4	Capscrews				

CONV & REAR HOPPER

Hopper Material Level Switch



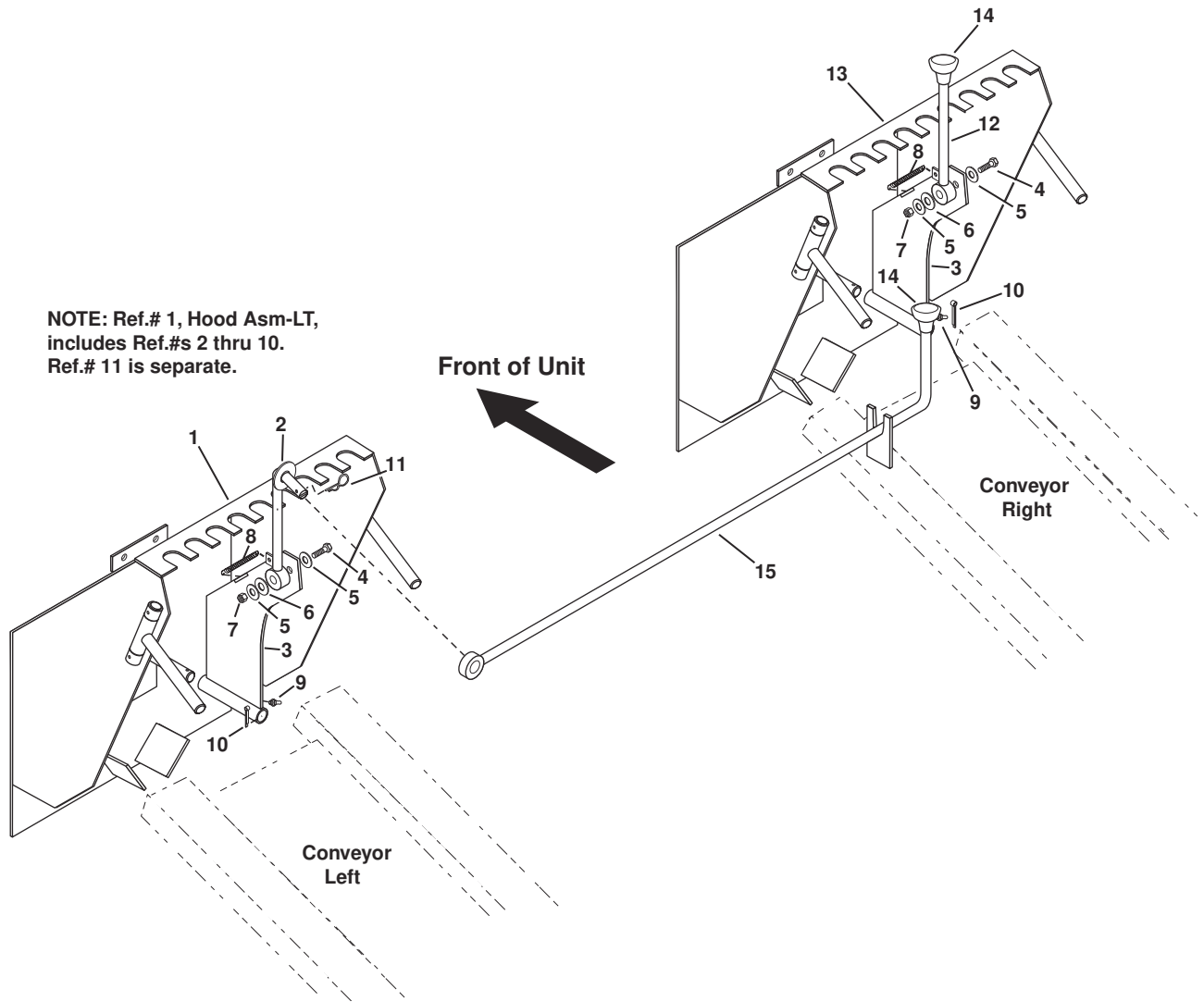
CONV & REAR HOPPER

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3160190	1	Switch Asm-Level Limit	10	0121887	2	Screw-Hex, 0.25NC x 0.75, GR2, PD
2	3100755	1	Paddle-Arm Asm	11	0120380	2	Washer-Lock, 0.25, Spring, PD
3	0122145	1	Screw-Hex, 0.38NC x 1.25, GR2, PD	12	3160042	1	Switch-Limit 1LS1
4	3121710	1	Deflector-Angle, LH	13	6701472	1	Cord-Grip, M, 0.31 x 0.50 SHC/017
	3121708	1	Deflector-Angle, RH				
5	3100343	1	Spacer-Level Limit				
6	0274993	1	Nut-Hex, Lock, 0.38NC, EA, PD				
7	3100334	1	Bracket-Plate Assy				
8	3330050	1	Spring-Smoke Stack Cover				
9	0103373	2	Pin-Cotter, 0.09 x 0.75, PD				

Hood Assemblies

NOTE: Ref.# 13, Hood Asm-RT,
includes Ref.#s 3 thru 10 and 12.
Ref.# 14 is separate.

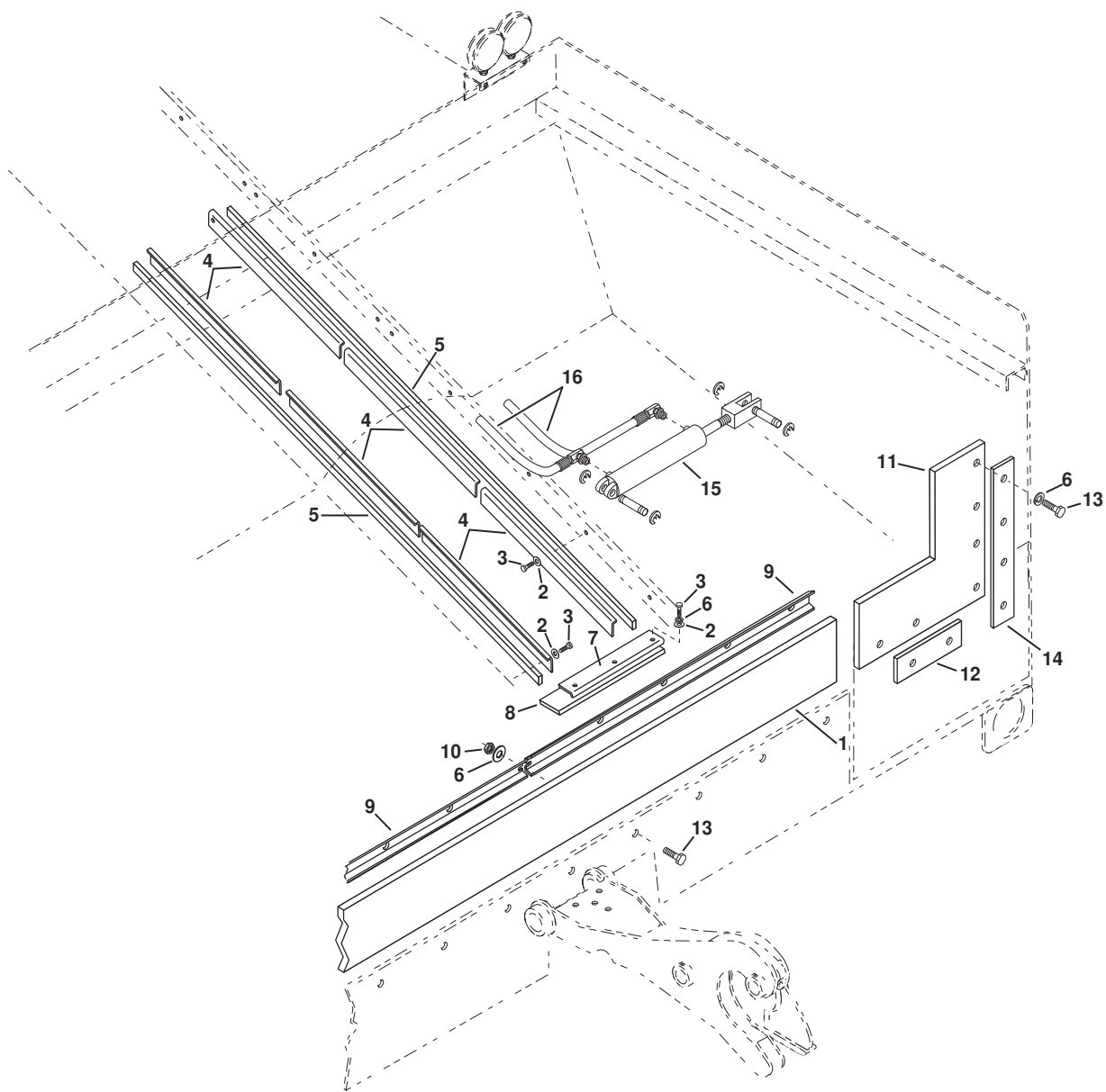
NOTE: Ref.# 1, Hood Asm-LT,
includes Ref.#s 2 thru 10.
Ref.# 11 is separate.



CONV & REAR HOPPER

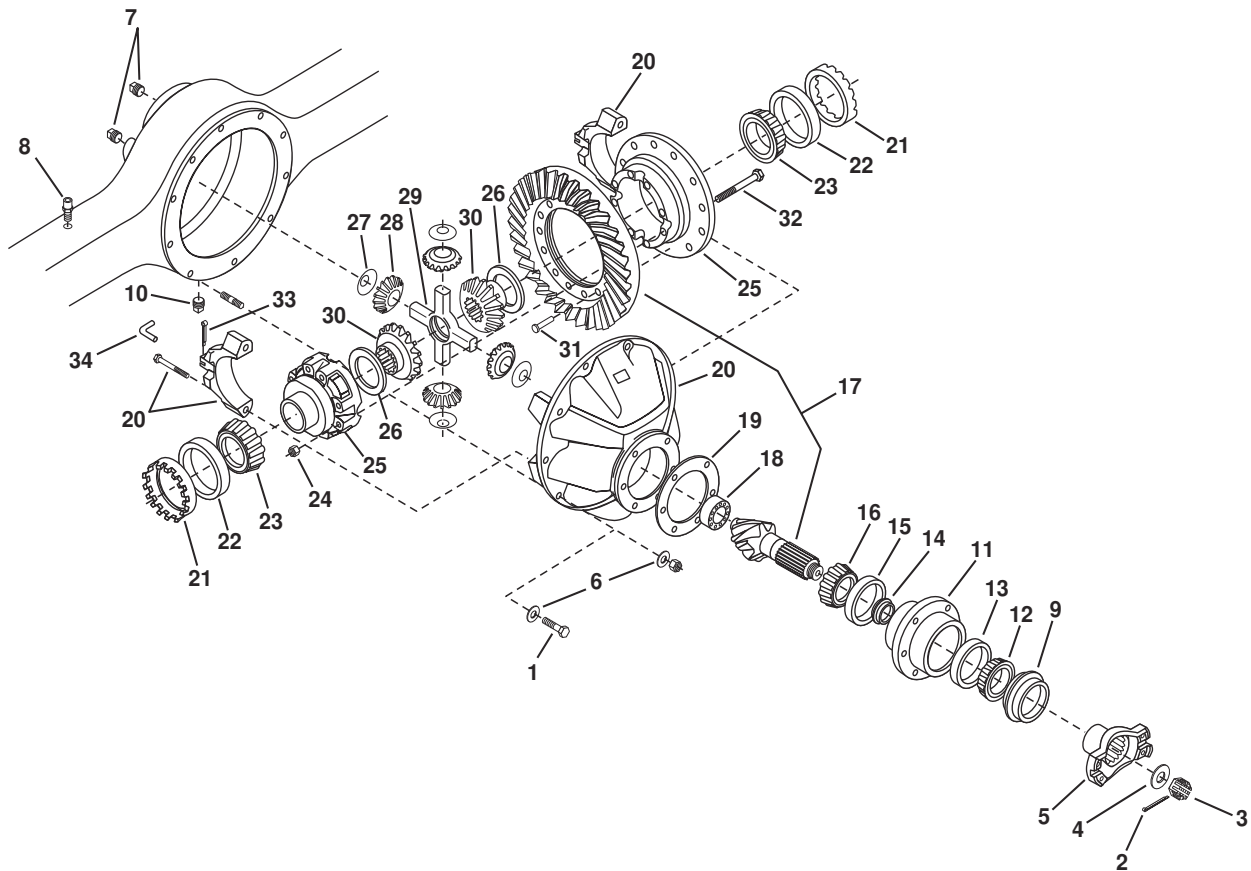
REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3141658	1	Hood Assembly-24" Conv. Left	13	3141657	1	Hood Assembly-24" Conv. Right
2	3130273	1	Handle Asm-Lt, Conv. Hood	14	3140029	1	Knob-Rubber
3	3130286	2	Baffle Asm-Hood, Plnt C.S.	15	3130217	1	Bar Asm-Cross, Left, Hood Unlock
4	0120333	2	Screw-Hex, 1/2NC x 1 3/4, GR2				
5	0120390	2	Washer Flat, 1/2A, W, PD				
6	0131000	4	Washer Flat, 3/4A(13/16 x 2), PD				
7	9411721	2	Nut-Hex, Lock, 1/2NC, EA, PD				
8	3110472	2	Spring-Clutch Pedal Return				
9	9411027	2	Fitting-Lub, Stgt x 1/2 Typ C				
10	0103386	2	Pin-Cotter, 1/8 x 1 1/4, PD				
11		1	Clip				
12	3130271	1	Handle Asm-RT, Conv Hood-C.S.				

Rear Hopper



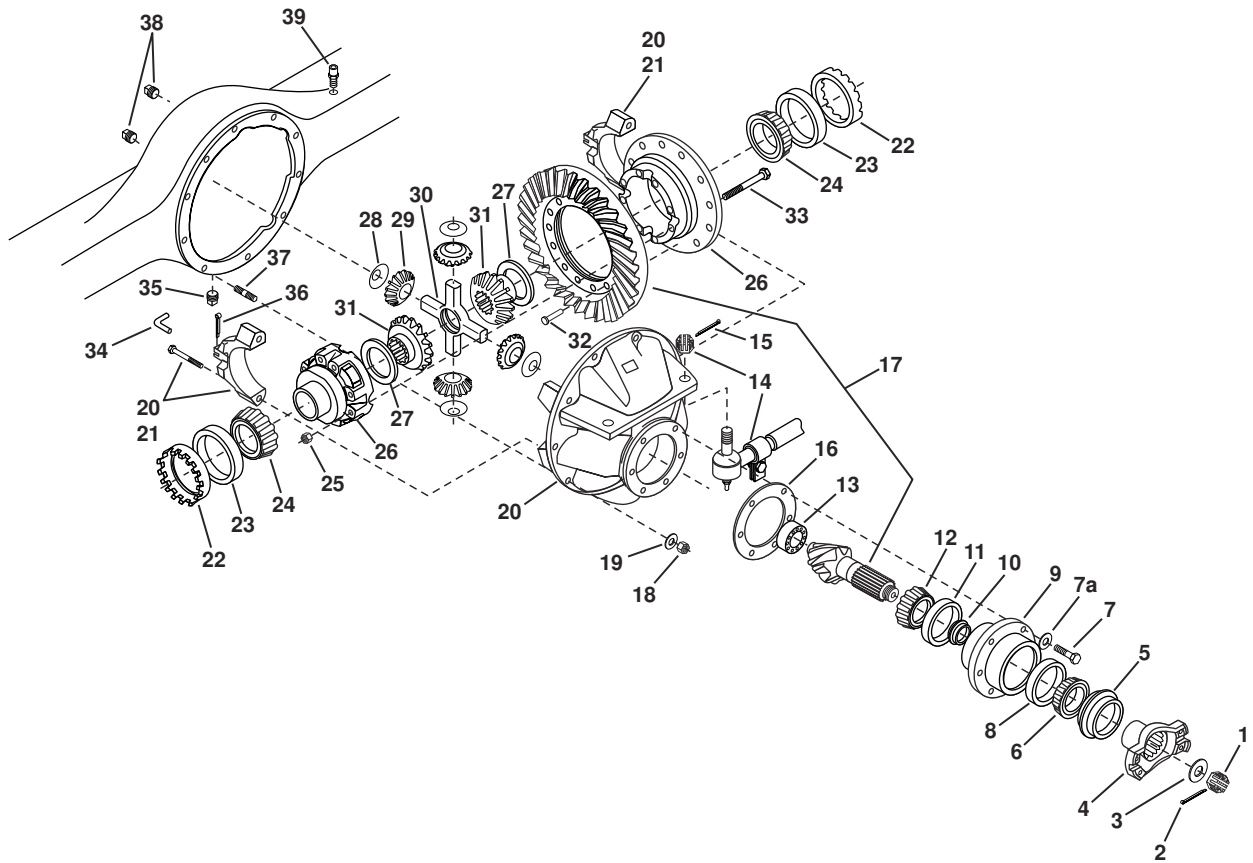
REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3130507	1	Rubber-Rear,3/4 x 9 x 89	10	0120377	9	Nut-Hex,0.38NC,PD
2	0120388	42	Washer-Flat,0.38,Wide	11	3130508	1	Rubber-Side,Left
3	0122145	42	Screw-Hex,0.38NC x 1.25,GR2,PD		3130510	1	Rubber-Side,Right
4	3130428	12	Retainer-Flashing,Side	12	3130505	2	Support-Chute Lining
5	3130426	4	Flashing-Conveyor,Rear Hopper	13	0122188	17	Screw-Hex,0.38NC x 2.25,GR2,PD
6	0120382	63	Washer-Lock,0.38,Spring,PD	14	3130504	2	Support-Chute Lining
7	3130427	2	Retainer-Flashing,Rear,Conveyor	15	6602876	2	Cylinder-Hyd,2 x 14
8	3130429	2	Flashing-Conveyor,End	16	3181446	4	Hose Asm-4x123,06MPX90-04FJX
9	3130506	1	Retainer-Flashing,Rear,Hopper				

**Carrier Assembly - Rear Drive
Axle Asm - 3111285 - (R30AG111-1)**



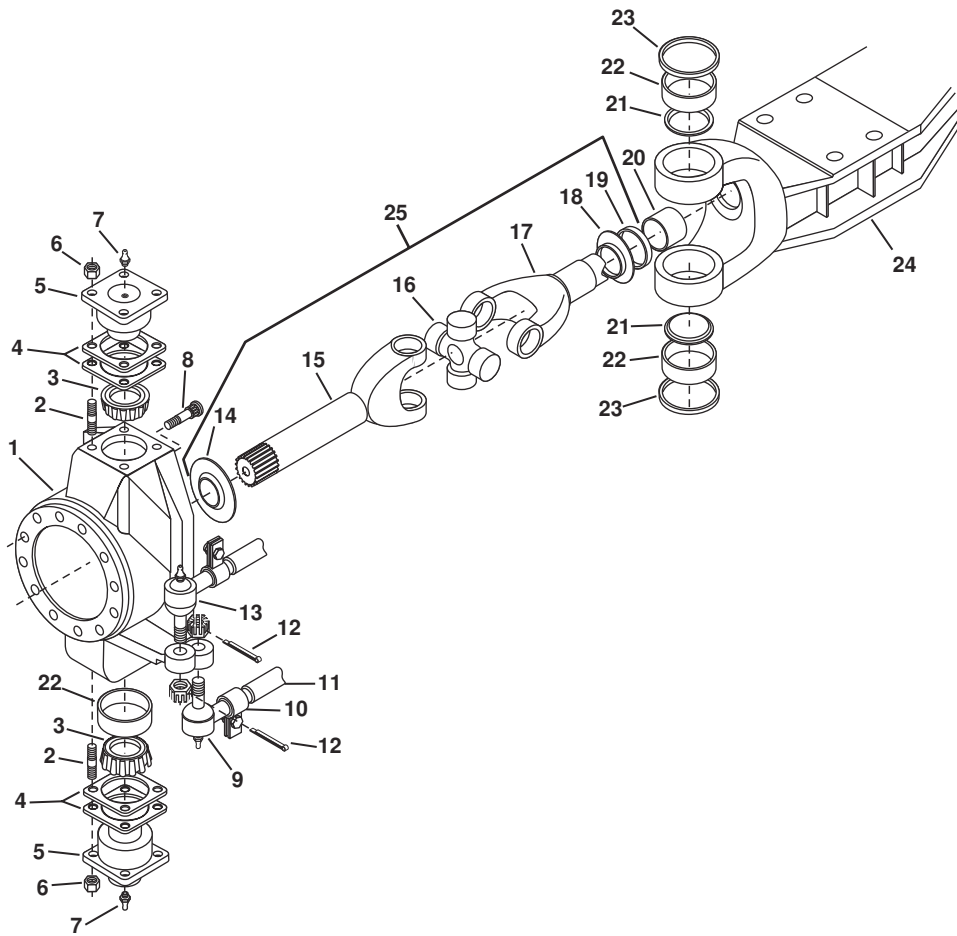
REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	7620500	6	Bolt-Hex, 1-1/2"	7620472	2	Shim-.005	
	7620501	6	Bolt-Hex, 2"	20	7620468	1	Carrier Sub-Asm (Incls. Bolt
	7620502	6	Bolt-Hex, 2-1/2"	21	7620482	2	Ring-Adjusting (Differential)
2	7620481	1	Pin-Cotter	22	7620485	2	Bearing-Cup (Differential)
3	7620480	1	Nut-Pinion	23	7620483	2	Bearing-Cone (Differential)
4	7620479	1	Washer-Flat	24	7620490	8	Nut-Lock
5	7620504	1	Yoke End or Companion Flange	25	7620484	1	Kit-Diff. Case Asm (Incls. two/24 & 32)
6	7620503	10	Washer-Flat (Carrier Mtg.)	26	7620487	2	Thrustwasher-Differential Gear
7	7620499	2	Plug-Pipe Recessed Drive	27	7620488	4	Thrustwasher-Differential Pinion
8	7620498	1	Vent	28	7620494	4	Pinion-Differential
9	7620365	1	Seal-Oil	29	7620492	1	Shaft-Differential
10	7620497	1	Plug-Pipe Recessed Drive (Mag. Drain)	30	7620491	1	Gear-Differential
11	7620486	1	Cap-Bearing Retainer	31	7620493	14	Rivet-Solid
12	7620474	1	Bearing-Cone (Pinion Outer)	32	7620489	8	Bolt-Hex
13	7620477	1	Bearing-Cup (Pinion Outer)	33	7620495	2	Pin-Cotter
14	7620473	1	Spacer-Pinion Bearing, .5305 thick	34	7620496	2	Lock-Bearing Adjuster Ring
15	7620476	1	Bearing-Cup (Pinion Inner)				
16	7620470	1	Bearing-Cone (Pinion Inner)				
17	7620467	1	Ring Gear and Pinion Assembly				
18	7620469	1	Bearing Asm (Straight Roller)				
19	7620475	1	Shim-.010				
	7620471	1	Shim-.030				

Carrier Assembly - Front Drive
Axle Asm 3111284 - (R30BP182-1)



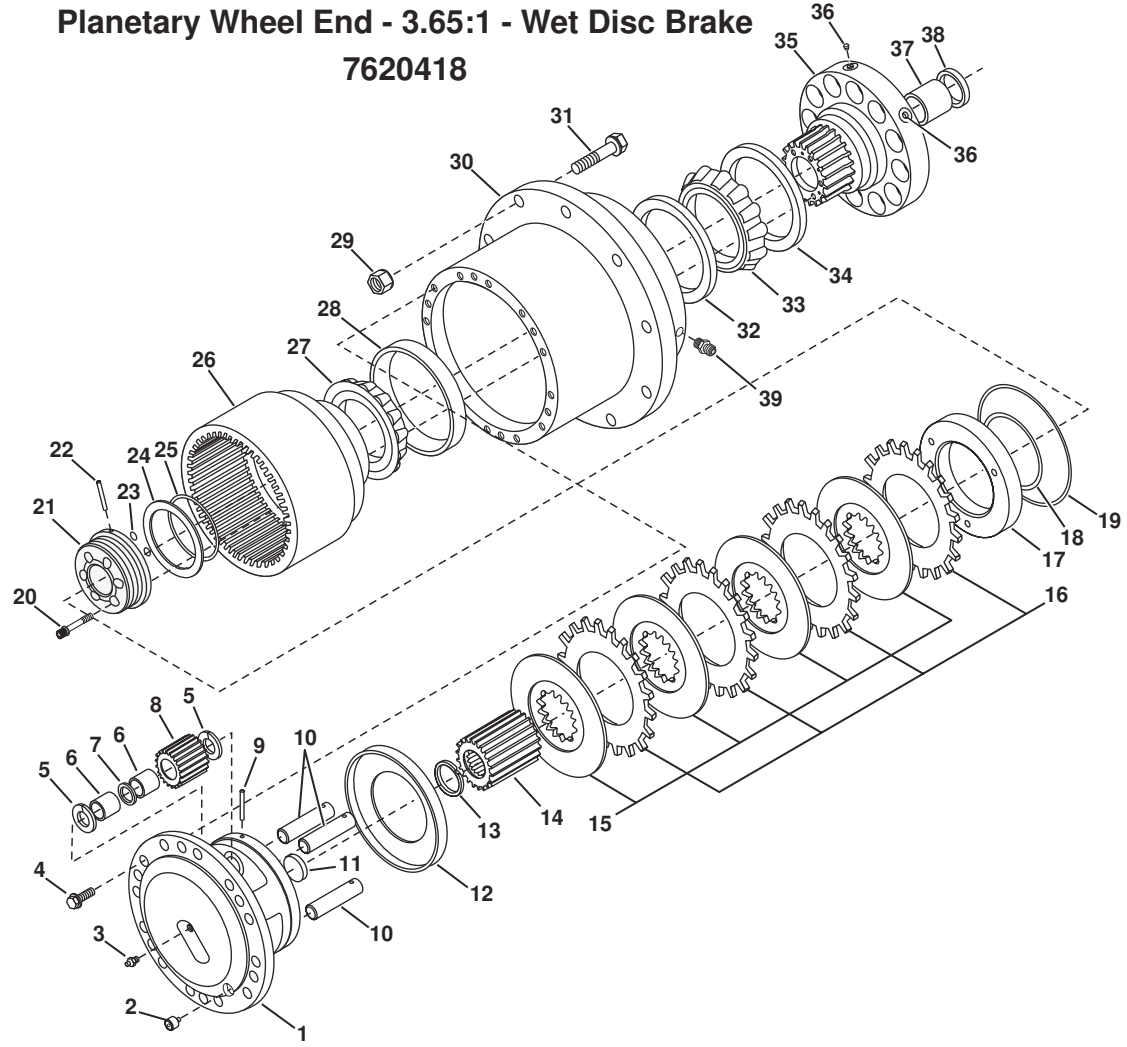
REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	7620480	1	Nut-Pinion	20	7620370	1	Carrier Sub-Asm (Steering Axle Only)
2	7620481	1	Pin-Cotter	22	7620482	2	Ring-Adjusting (Differential)
3	7620479	1	Washer-Flat	23	7620372	2	Bearing-Cup (Differential)
4	7620504	1	End Yoke or Companion Flange	24	7620483	2	Bearing-Cone (Differential)
5	7620365	1	Seal-Oil	25	7620470	8	Nut-Lock
6	7620474	1	Bearing Cone (Pinion Outer)	26	7620375	1	Kit-Differential Case Asm
7	7620505	6	Bolt-Hex	27	7620487	2	Thrustwasher-Differential Gear
7a	7620506	6	Washer-Flat	28	7620488	4	Thrustwasher-Differential Pinion
8	7620358	1	Bearing Cup (Pinion Outer)	29	7620494	1	Pinion-Differential
9	7620486	1	Cap-Bearing Retainer	30	7620492	2	Shaft-Differential Cross
10	7620473	1	Spacer-Pinion Bearing	31	7620491	2	Gear-Differential
11	7620360	1	Bearing Cup (Pinion Inner)	32	7620493	14	Rivet-Solid
12	7620361	1	Bearing Cone (Pinion Inner)	33	7620489	8	Bolt-Hex
13	7620362	1	Bearing Asm (Straight Roller)	34	7620383	2	Lock-Bearing Adjuster Ring
14	7620363	2	Socket Asm-Steering Cylinder	35	7620497	1	Plug-Pipe Recessed Drive (Mag. Drain)
15	7620481	2	Pin-Cotter (One Per Socket Asm)	36	7620495	2	Pin-Cotter
16	7620475	AR	Shim-.010	37	7620386	6	Stud (2.00", Steering Axle Only)
	7620471	AR	Shim-.030		7620387	6	Stud (2.38", Steering Axle Only)
	7620472	AR	Shim-.005		7620388	6	Stud (2.81", Steering Axle Only)
17	7620467	1	Ring Gear and Pinion Asm	38	7620499	1	Plug-Pipe Recessed Drive
18	7620368	10	Nut-Lock	39	7620498	1	Vent
19	7620369	10	Washer-Flat				

Axle Outer End



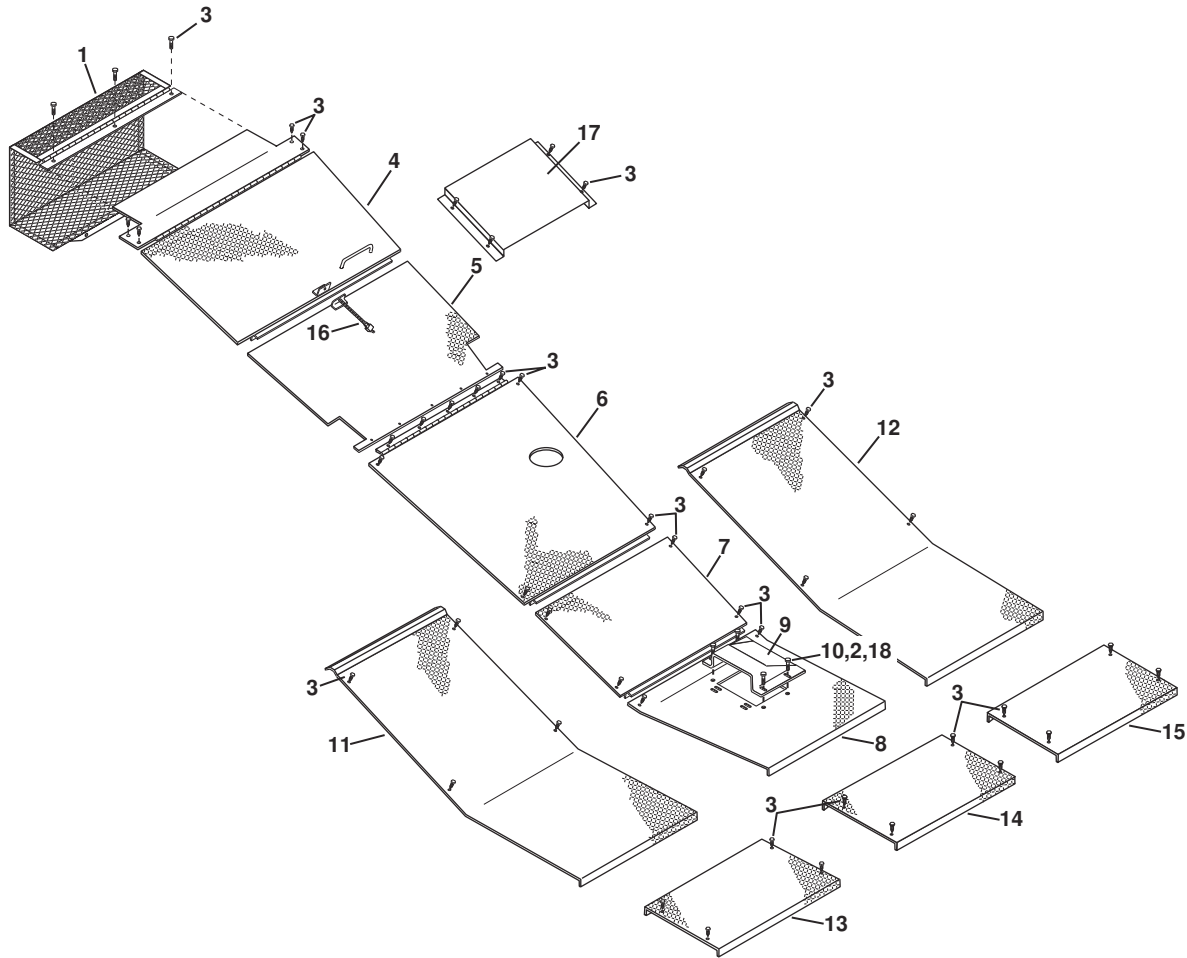
REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	7620392	1	Knuckle-Steering RH	17	7620463	1	Shaft-Inner Yoke
	7620393	1	Knuckle-Steering LH	18	7620405	1	Slinger-Dust
2	7620394	8	Stud-King Pin Mounting	19	7620406	1	Seal-Oil
3	7620395	2	Bearing Cone (King Pin Cap)	20	7620407	2	Bushing
4	7620396	AR	Shim-.005 (King Pin Cap)	21	7620408	2	Retainer-Grease
	7620397	AR	Shim-.010 (King Pin Cap)	22	7620409	2	Bearing-Cup (King Pin)
5	7620398	2	Cap-King Pin	23	7620410	2	Seal-King Pin
6	7620399	8	Nut-Lock	24	7620411	1	Axle Housing-Steering
7	7620400	2	Fitting-Grease	25	7620464	1	Shaft & U Joint Asm (#s 14-19)
8	7620462	12	Stud-.56 (Spindle Mtg W/Disc Brake)				AR - As Required
9	7620460	1	Socket Asm-Tie Rod (1.125-16 RH)				
	7620461	1	Socket Asm-Tie Rod (1.125-12 RH)				
10		1	Clamp Asm-Tie Rod				
11	7620459	1	Tie Rod (includes 9 & 10)				
12	7620481	2	Pin-Cotter (One Per Socket Asm)				
13	7620458	1	Socket Asm-Steering Cylinder				
14	7620402	1	Slinger-Dust				
15	7620403	1	Shaft-Spindle Yoke Outer(RH & LH)				
16	7620404	1	Cross Asm-U Joint				

**Planetary Wheel End - 3.65:1 - Wet Disc Brake
7620418**



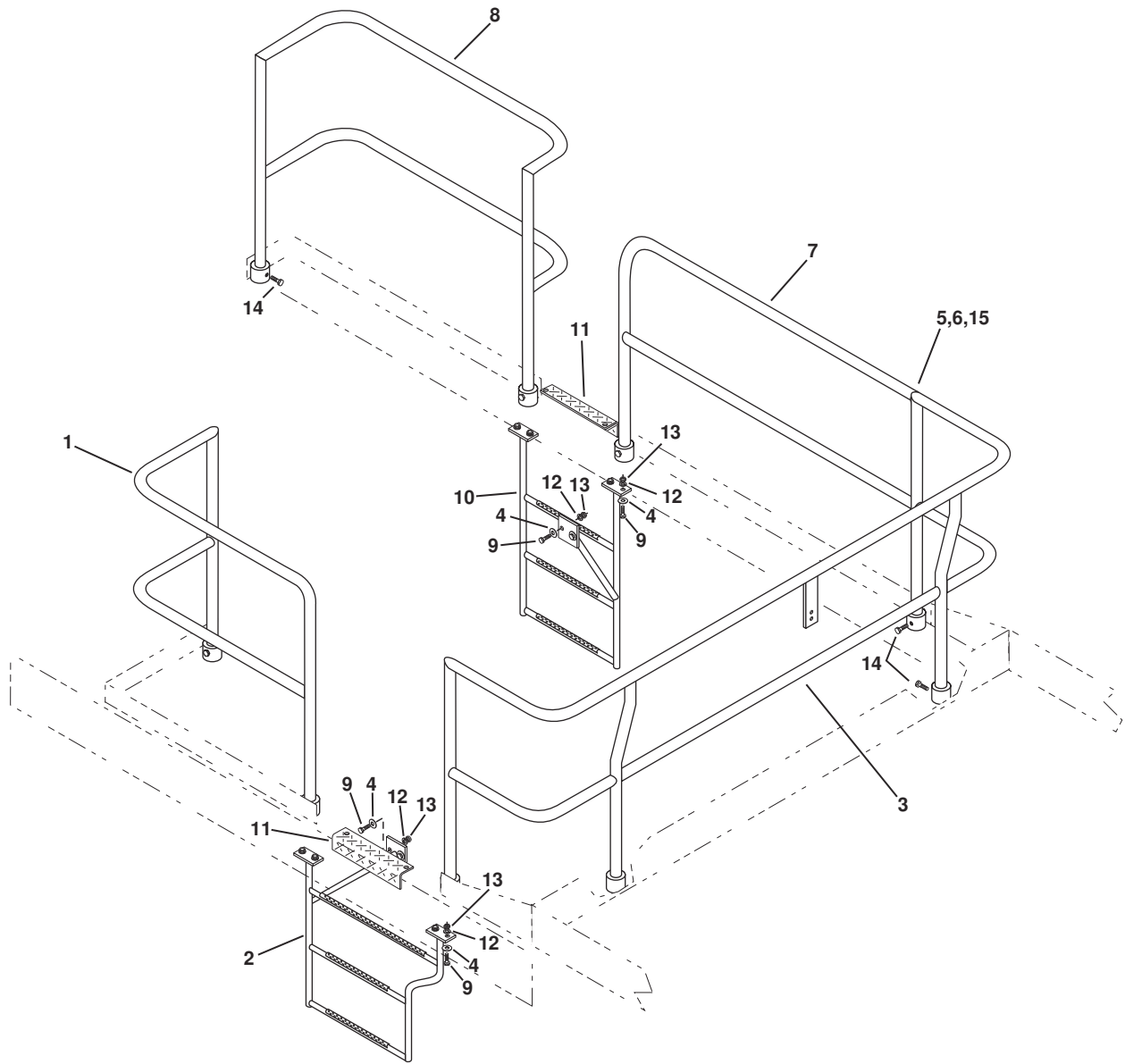
REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	7620419	1	Flange-Drive Planetary	26	7620439	1	Gear-Planetary Ring
2	7620497	1	Plug-Pipe Recessed Drive (Magnetic)	27	7620440	1	Bearing-Cone (Outer)
3	7620421	1	Vent	28	7620441	1	Bearing-Cup (Outer)
4	7620422	18	Screw-Hex, Self Locking	29	7620271	AR	Nut-Wheel Mtg. (3/4-16 RH)
5	7620423	6	Washer-Keyed		7620109	AR	Nut-Wheel Mtg. (3/4-16 LH)
6	7620424	150	Bearing-Needle Roller	30	7620443	1	Hub
7	7620425	3	Washer-Planet Gear	31	7050055	AR	Bolt-Wheel Mtg.(RH)
8	7620426	3	Gear-Spur Planet		7050108	AR	Bolt-Wheel Mtg.(LH)
9	7620427	3	Pin-Roll	32	7620444	1	Bearing-Cup (Inner)
10	7620428	3	Shaft-Planet Gear	33	7620445	1	Bearing-Cone (Inner)
11	7620429	1	Washer-Drive Flange	34	7620446	1	Seal-Oil
12	7620430	1	Plate-Lining Stop	35	7620447	1	Spindle-Wheel (Rigid Mount)
13	7620431	1	Ring-Snap (Rigid Axle)		7620448	1	Spindle-Wheel (Steering Axle)
	7620432	1	Ring-Snap (Steering Axle)	36	7620449	2	Seat-Insert
14	7620433	1	Gear-Spur (Rigid Axle)	37	7620450	1	Bushing-Spindle (Rigid Axle)
	7620434	1	Gear-Spur (Steering Axle)		7620451	1	Bushing-Spindle (Steering Axle)
15		4	Disc Asm-Friction	38	7620406	1	Seal-Oil (Rigid Axle)
16		4	Plate-Lining Stop		7620453	1	Seal-Oil (Steering Axle)
17	7620435	1	Piston		7620454	1	Kit-Discs & Plates (Incls. 15 & 16)
20	7620420	6	Screw-12 Point Cap		7620455	1	Kit-O-Rings (Incls. 18, 19, 23 & 25)
21	7620436	1	Retainer-Bearing Adjusting Ring	39	7050211	1	Adapter-Brake Line
22	7620437	1	Tubing-Brake				
24	7620438	AR	Shim-Adjusting, .010				AR - As Required

Engine & Conveyor Covers & Decking



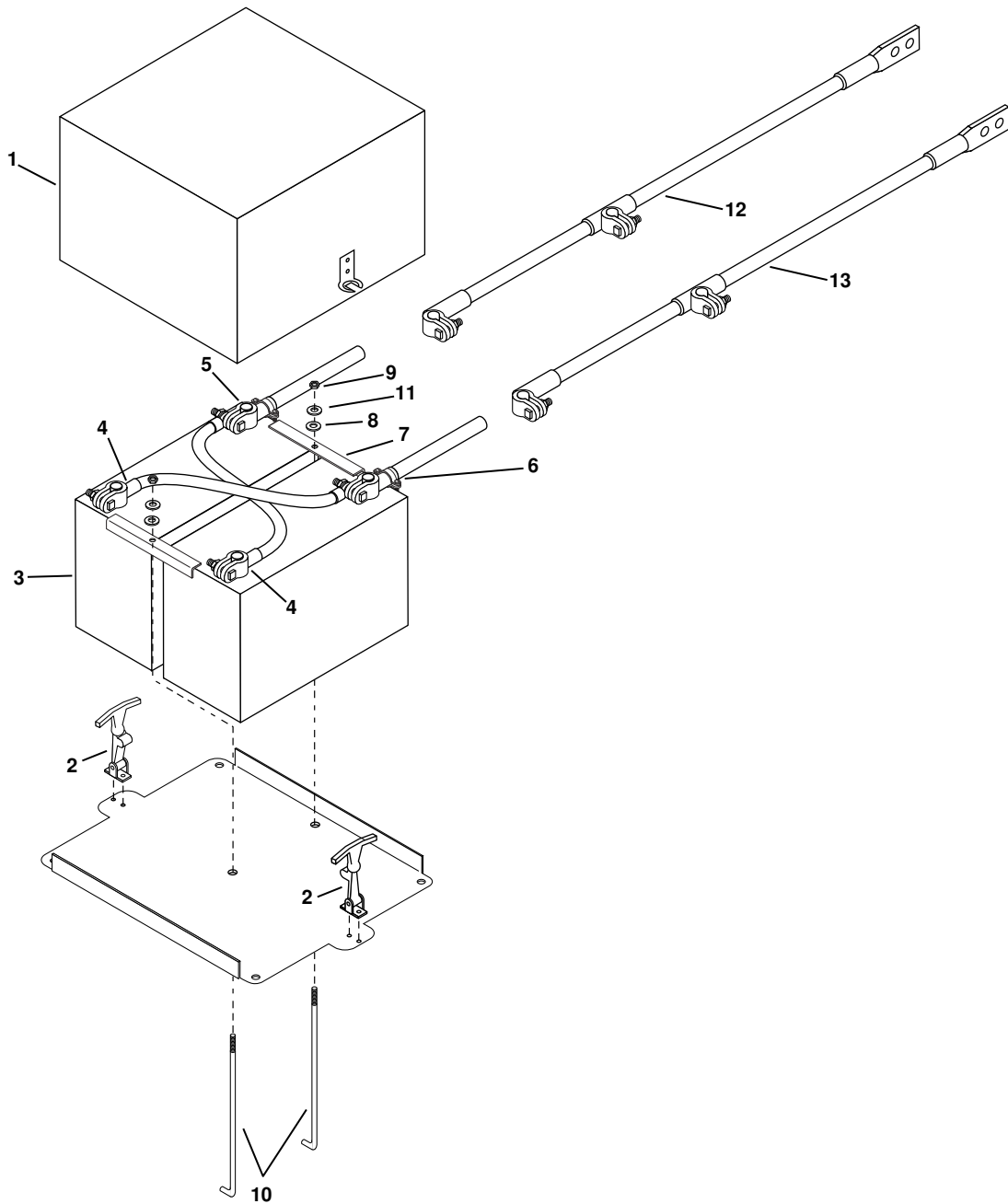
REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3102115	1	Cover/Grille Asm,Frt	15	3101995	1	Deck-Stl,Chair Rails,RH
2	0120382	4	Washer-Flat,0.38A,PD	16	6000544	1	Padlk-Mstr. Lk#500-C,W/Chain & Key
3	0448481	46	Screw-Hex Hd,3/8NC x 3/4,Selftap	17	3102001	1	Cover,Conveyor Front,RH
4	3101915	1	Cover/Grille Asm-Conv Motors	18	0120377	4	Nut-Lock,3/8NC,PD
5	3101909	1	Cover-Asm,Rad & Cool				
6	3102189	1	Cover-Asm,Engine,Ctr,Cummins QSB				
7	3102192	1	Decking-Center Rear,Cummins QSB				
8	3102215	1	Decking-Center Frt,Asm				
9	3102213	1	Cover-Deck,E-Chain				
10	0120233	4	Screw-Hex,3/8NC x 1,GR2,PD				
11	3101916	1	Guard-Conveyor,LH,Hydro				
12	3101917	1	Guard-Conveyor,RH,Hydro				
13	3101994	1	Deck-Stl,Chair Rails,LH				
14	3101963	1	Deck-Stl,Between Chair Rails				

Handrails And Ladders



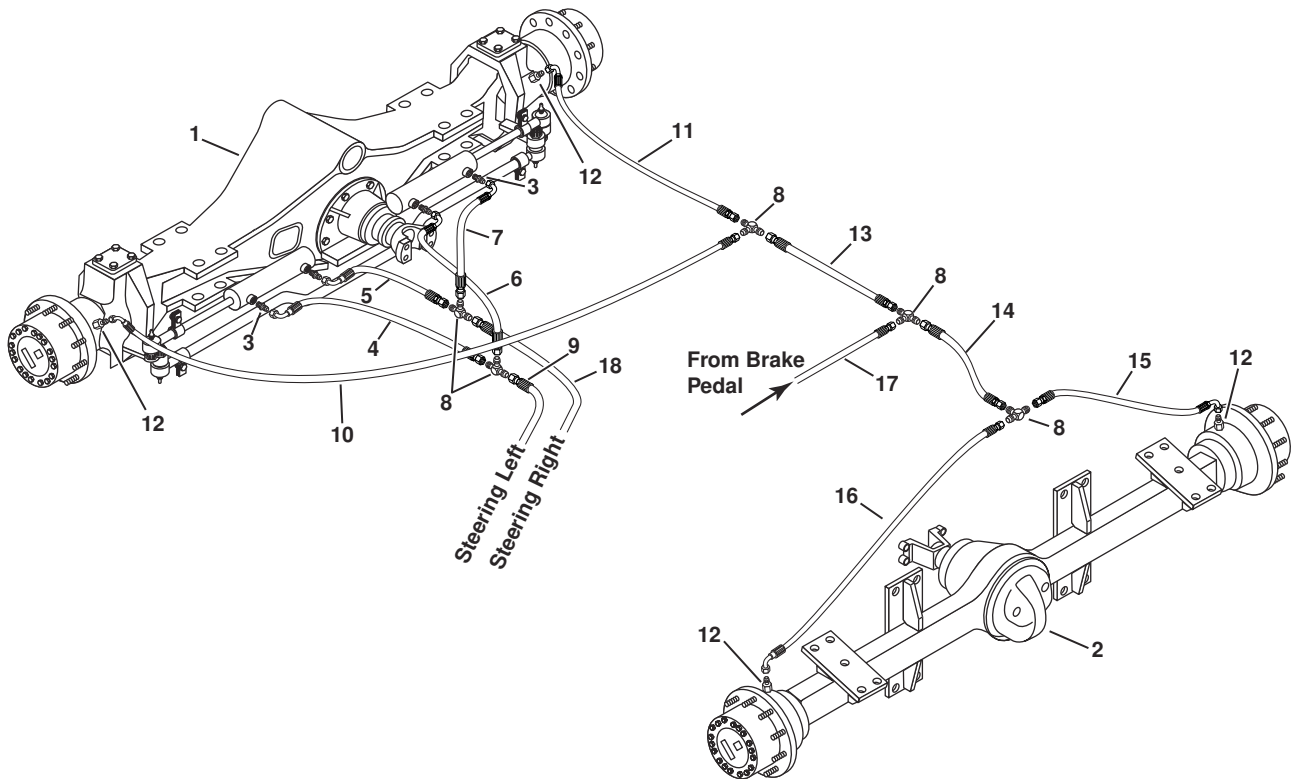
REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3101955	1	Handrail-Asm,Left Asm	10	3101335	1	Ladder Asm-24",RH Side,Hydro
2	3101549	1	Ladder Asm-Left Side,Hydro	11	3100222	2	Step-Rough Tread
3	3102090	1	Handrail Asm-Rear Catwalk	12	0120214	12	Washer-Lock,0.31,Spring,PD
4	0446363	13	Washer-Flat,0.31A(0.38 x 0.88)PD	13	0120376	12	Nut-Hex,0.31NC,PD
5	0122188	2	Screw-Hex,0.38NC x 2.25,GR2,PD	14	0120233	9	Screw-Hex,0.38NC x 1.00,GR2,PD
6	0120377	2	Nut-Hex,0.38NC,PD	15	0120382	2	Washer-Lock,0.38,Spring,PD
7	3101951	1	Handrail-Asm,Right Side,Rear				
8	3101958	1	Handrail-Asm,Right Side,Front				
9	6001265	12	Screw-Hex,0.31NC x 1.00,GR8				

Battery Box Installation



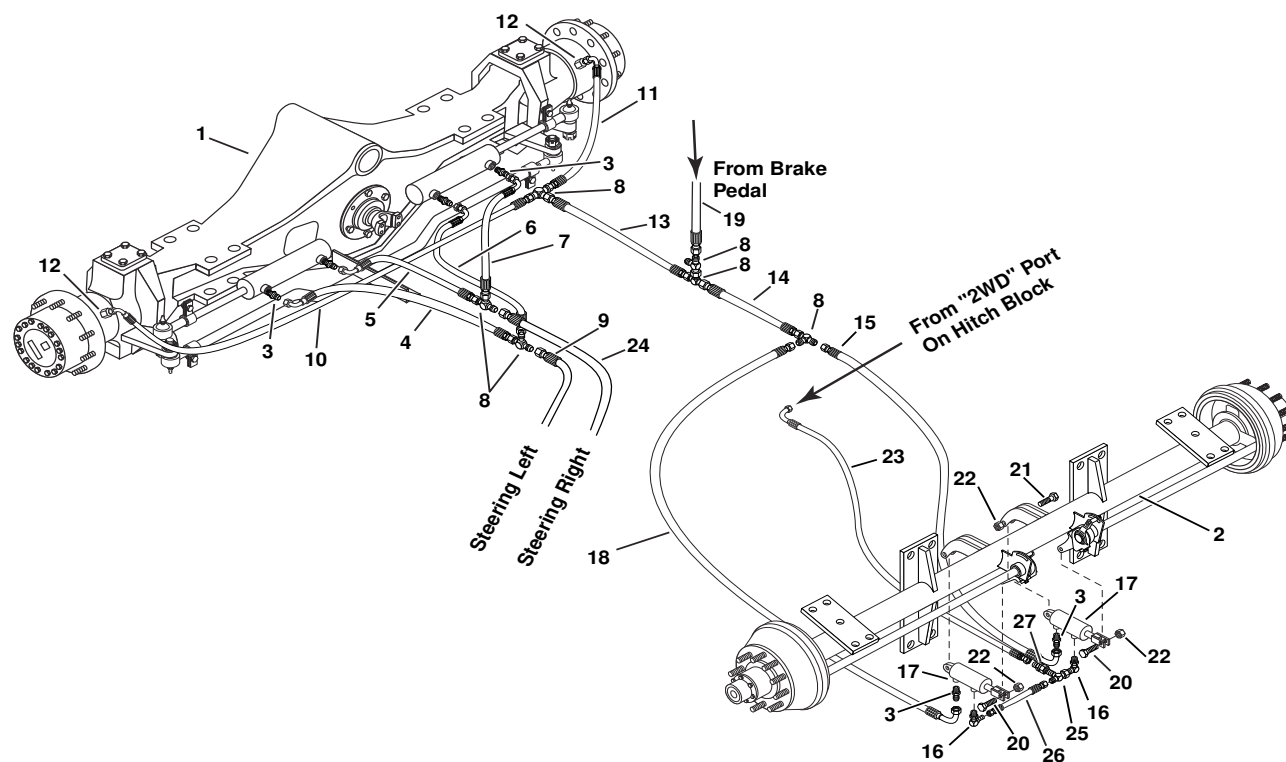
REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
13	101926	1	Battery Box-Cover Weldment	9	0116091	8	Washer-Flat, 0.25A(0.28 x 0.63)BR
2	6001161	2	Latch-T Handle	10	3101922	2	Rod-Hold Down
3	6700240	2	Battery-12V, 72 AMP , Elec. Str., 3SM	11	0120380	2	Washer-Lock,0.25,Spring,PD
4	3160719	2	Cable Asm-4Ga x 17",B & C Engine	12	3160780	1	Cable Asm-Battery, Pos, QSB Engine
5	3160694	1	Cable-2Ga Pos, 19",B & C Engine	13	3160781	1	Cable Asm-Battery, Neg, QSB Engine
6	3160695	1	Cable-2Ga ground, 30",B & C Engine				
7	3101921	2	Hold Down				
8	9413946	8	Nut-Hex, Lock, 0.25NC, EA, PD				

Brake and Steering Hoses 4WD



REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3111284	1	Axle-Front,Drive,81.25" Track	11	3181217	1	Hose Asm-06 x 33,06FJX-06FJX90
2	3111293	1	Axle-Rear Drive,80" Track	12	6602985	4	Adapter-Hyd,ST,06MJX-04FJ
3	9410202	4	Adapter-Hyd,ST,06MB-06MJ	13	3181213	1	Hose Asm-06 x 70,06FJX-06FJX
4	3181432	1	Hose Asm-06 x 26,06FJX90-06FJX	14	3181214	1	Hose Asm-06 x 28,06FJX-06FJX
5	3181433	1	Hose Asm-06 x 20,06FJX-06FJX	15	3181215	1	Hose Asm-06 x 34,06FJX-06FJX90
6	3181435	1	Hose Asm-06 x 36,06FJX90-06FJX	16	3181216	1	Hose Asm-06 x 57,06FJX-06FJX90
7	3181434	1	Hose Asm-08 x 43,06FJX90-06FJX	17	3181241	1	Hose Asm-06 x 162,06FJX-06FJX
8	9402981	5	Tee-Hyd,06MJ-06MJ-06MJ	18	3181450	1	Hose Asm-06 x 204,06FJX-06FJX90
9	3181436	1	Hose Asm-06 x 204,06FJX-06FJX90				
10	3181218	1	Hose Asm-06 x 68,06FJX-06FJX90				

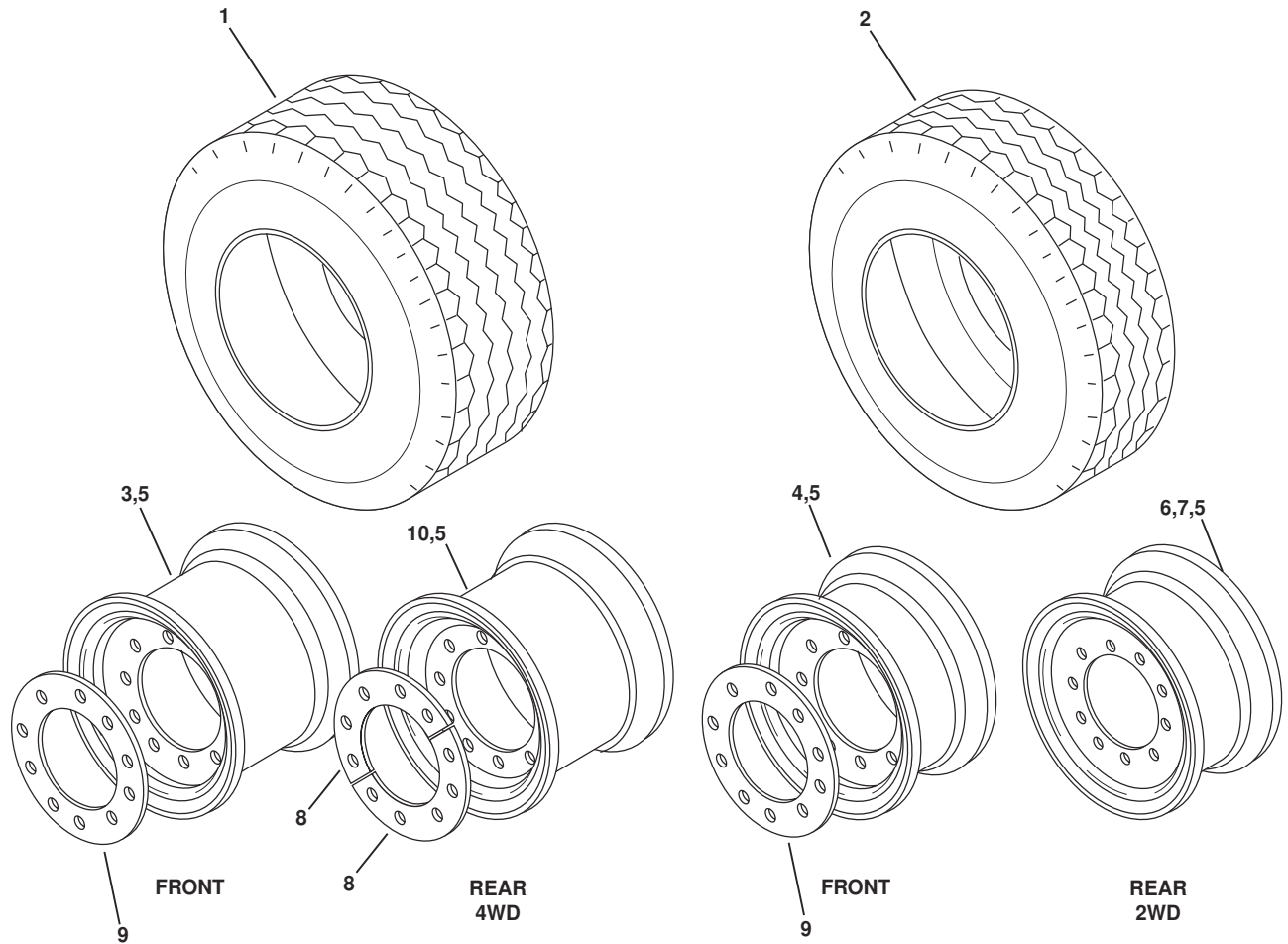
Brake and Steering Hoses 2WD



BRAKES

REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	3111284	1	Axle-Front, Drive, 81.25" Track	15	3181278	1	Hose Asm-06 x 20, 06FJX-06FJX90
2	3111313	1	Axle-25K, 97" Track, 22.5" Hubs	16	9410976	3	Elbow-Hyd, 90, 06MB-06MJ
3	9410202	6	Adapter-Hyd, ST, 06MB-06MJ	17	6602680	2	Cylinder-Hyd, 3" Bore x 2" Stroke
4	3181432	1	Hose Asm-06 x 26, 06FJX90-06FJX	18	3181357	1	Hose Asm-04 x 36, 04FJX-04FJX90
5	3181433	1	Hose Asm-06 x 20, 06FJX-06FJX	19	3181241	1	Hose Asm-06 x 162, 06FJX-06FJX
6	3181435	1	Hose Asm-06 x 36, 06FJX90-06FJX	20	0186646	2	Screw-Hex, 0.50NC x 2.00, GR2, PD
7	3181434	1	Hose Asm-08 x 43, 06FJX90-06FJX	21	0120236	2	Screw-Hex, 0.50NC x 3.00, GR2, PD
8	9402981	5	Tee-Hyd, 06MJ-06MJ-06MJ	22	9413947	4	Nut-Hex, Lock, 0.44NC, PD
9	3181436	1	Hose Asm-06 x 204, 06FJX-06FJX90	23	3181356	1	Hose Asm-06 x 32, 06FJX-06FJX90
10	3181218	1	Hose Asm-06 x 68, 06FJX-06FJX90	24	3181450	1	Hose Asm-06 x 204, 06FJX-06FJX90
11	3181217	1	Hose Asm-06 x 33, 06FJX-06FJX90	25	6602984	1	Tee-Hydr, 06MJ-06FJX-06MJ
12	6602985	2	Adapter-Hyd, ST, 06MJX-04FJ	26	3181355	1	Hose Asm-06 x 16, 06FJX-06FJX
13	3181213	1	Hose Asm-06 x 70, 06FJX-06FJX	27	6602707	1	Adapter-Hyd, ST, 06FJX-04MJ
14	3181214	1	Hose Asm-06 x 28, 06FJX-06FJX				

Tires And Wheels 2WD and 4WD



REF	PART NO.	QTY	DESCRIPTION	REF	PART NO.	QTY	DESCRIPTION
1	6450767	4	Tire-385/65R22.5, 18 Ply, (4WD)				
2	6450766	4	Tire-295/75R22.5, 14 Ply, (2WD)				
3	3111295	2	Wheel Asm-Frt,22.5x12.25 (2 & 4WD)				
4	3111323	2	Wheel Asm-Frt, 22.5 x 8.25 (2 & 4WD)				
5	6450265	4	Valve-Tire, Tubeless, Truck				
6	3111320	2	Wheel Asm-Rear, 22.5 x 12.25 (2WD)				
7	3111322	2	Wheel Asm-Rear, 22.5 x 8.25 (2WD)				
8	3111352	4	Spacer-Wheel,Drive Only				
9	7050145	2	Spacer-Wheel,Hub Piloted				
10	3111296	2	Wheel Asm-Rear, 22.5 x 12.25 (4WD)				

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0103374	13	0120383	21	0219187	23	3102034	13	3111417	21
0103375	35	0120384	13	0223022	15	3102039	37	3111420	21
0103386	35	0120384	15	0271501	21	3102040	37	3111440	21
0103386	39	0120384	29	0274253	29	3102051	22	3111441	21
0103411	11	0120384	37	0274253	29	3102060	45	3120789	24
0105413	17	0120388	13	0274517	22	3102065	5	3120800	13
0106649	32	0120388	15	0274993	38	3102068	13	3120876	13
0109462	35	0120388	18	0426099	11	3102090	46	3120877	13
0109462	37	0120388	40	0426099	13	3102095	11	3120933	11
0116091	47	0120390	13	0428715	21	3102098	22	3120950	11
0120214	11	0120390	35	0446363	11	3102115	45	3120953	11
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3140249	15	3142626	15	3160748	7	3181236	29	3181446	31
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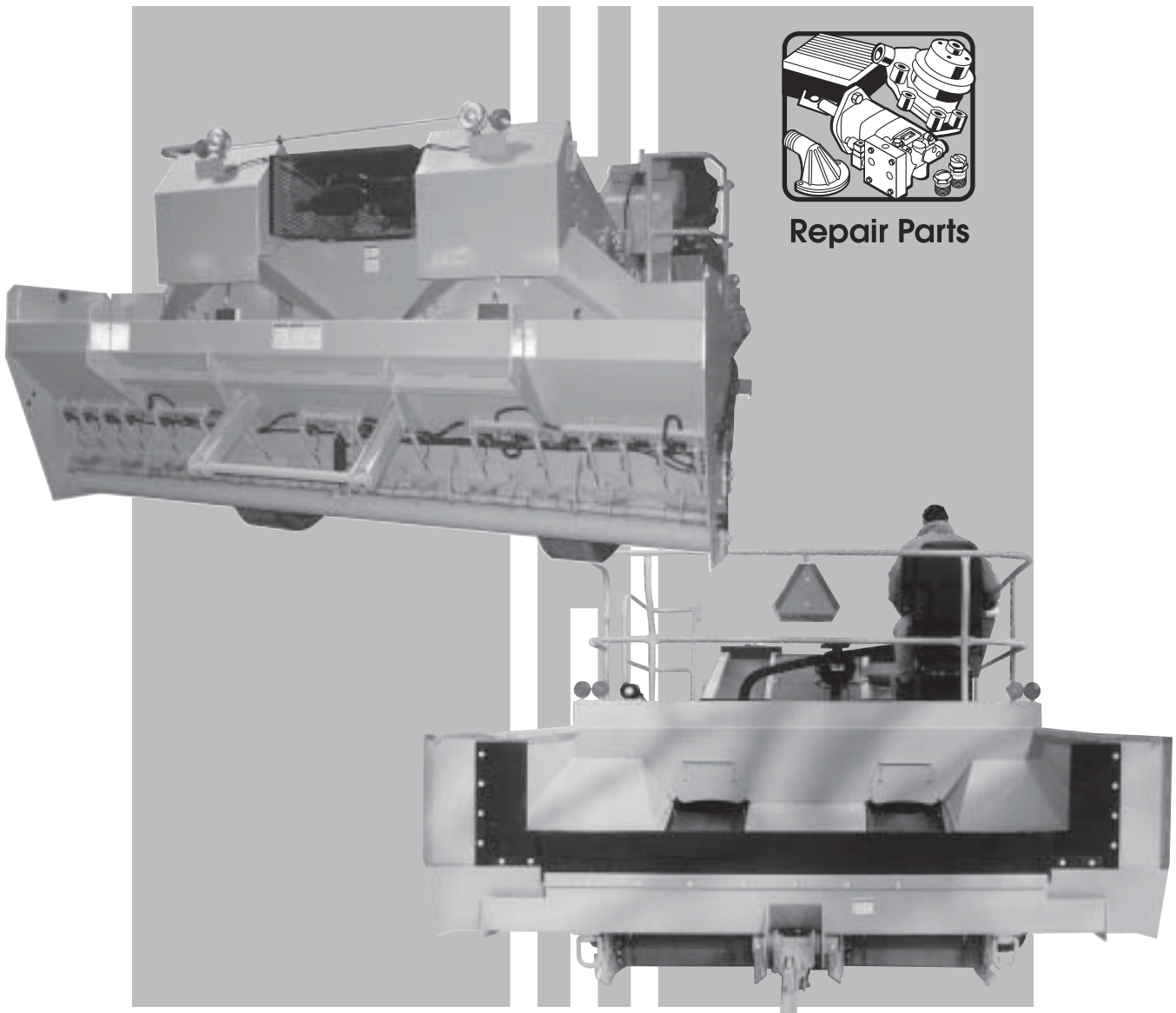
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Starting with Serial Number K-5983



Supersedes M-208-04R

STANDARD HOPPER Series Chipsreader



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