NL5000G5 DOT
Single Bin / MULTAPPLIER
Parts List

UNIT SERIAL NUMBER _____

INSERT SERIAL NUMBER_____

MANUAL NUMBER: 317314-AB-A

EFFECTIVE 05/2020

NEW LEADER MANUFACTURING

1330 76TH AVE SW
CEDAR RAPIDS, IA 52404-7052
PHONE (800) 363-1771 | FAX (319) 286-3350
www.newleader.com

Copyright 2019 Highway Equipment Company, Inc.
Now doing business as New Leader Manufacturing

Table of Contents

Table of Contents 2
Interactive Features 4
Instructions for Ordering Parts 5
Body 6
- Inverted "V" 6
- Side Boards - With Insert 7
- Lubrication 8

Endgate 10
- Endgate Assembly 10

Fenders 11
Body Hydraulics 12
- Main Bin 12
- Spreader Control Valve Assy 20
- Cylinder Control Valve Assy 24
- Left Hand Hydraulics - Insert 26
- MultApplier 28

Conveyor 32
- #4 Belt-Over-Chain Conveyor 32
- Chain Shields 33
- Conveyor Idler 34
- Conveyor Drive 35
- Gearcase Assembly 36
- Gearcase Service Parts 37
- Gearcase Breather Tube 38
- Encoder 39
- Conveyor Chain Oiler 40
- Wiper - Front 44
- Front Conveyor Guard 45

Electronics 46
- Bin Sensors 46
- Enclosure Assembly Mount 47
- Enclosure Assembly 48
- Spinner Speed Sensors 50
- Controller - Main Bin 51
- Controller - MultApplier 54
- Body Module 56
- Switch Box & Harness 58

Decals 60
Spinners 62
- Material Divider 62
- Hillside Divider 63
- Vane Assembly 64
- Spinner Guards & Deflectors 65
- Spinner Assembly 66

MultApplier 72
- MultApplier 72
- Rear Feedgate 73
- Hillside Divider & Conveyor Cover 74
- Front Feedgate 75
- Front Wiper 76
- Sealers 77
- #4 Belt-Over-Chain Conveyor 78
- Chain Shields 79
- Conveyor Idler 80
- Conveyor Drive & Encoder 81
- Hydraulics 82
- Lubrication 84
- Electrical 86
- Pads 87
- Decals 88

Interactive Features

NOTE:	This manual incorporates several interactive features to provide supplemental information and ease of navigation. The information below is to aid in the identification and use of these features.

Hyperlinks provide direct access to a specific destination when clicked. The entire Table of Contents of this manual is hyperlinked to provide quick access to all sections of this manual when viewing the electronic version.

Hyperlinks within the content are denoted by . Electronic format viewers can click these links for direct access to New Leader online features. Internet access is required.

Instructions for Ordering Parts

NEW LEADER MANUFACTURING

Order from the **AUTHORIZED DEALER** in your area.

Always give the pertinent model and serial number.

Give part name, part number and the quantity required.

Give the correct address to where the parts are to be shipped, and the carrier if there is a preference.

Unless claims for shortages or errors are made immediately upon receipt of goods they will not be considered. Any part returns should be directed through the dealer from which they were purchased.

When broken goods are received, a full description of the damage should be made by the carrier agent on the freight bill. If this description is insisted upon, full damage can always be collected from the transportation company.

No responsibility is assumed for delay or damage to merchandise while in transit. Our responsibility ceases upon delivery of shipment to the transportation company from whom a receipt is received showing that shipment was in good condition when delivered to them, therefore, claims (if any) should be filed with the transportation company and not with New Leader Manufacturing.

If your claims are not being handled (by the transportation company) to your satisfaction, please call our Product Sales & Support Department at New Leader Manufacturing at (800) 363-1771 for assistance.

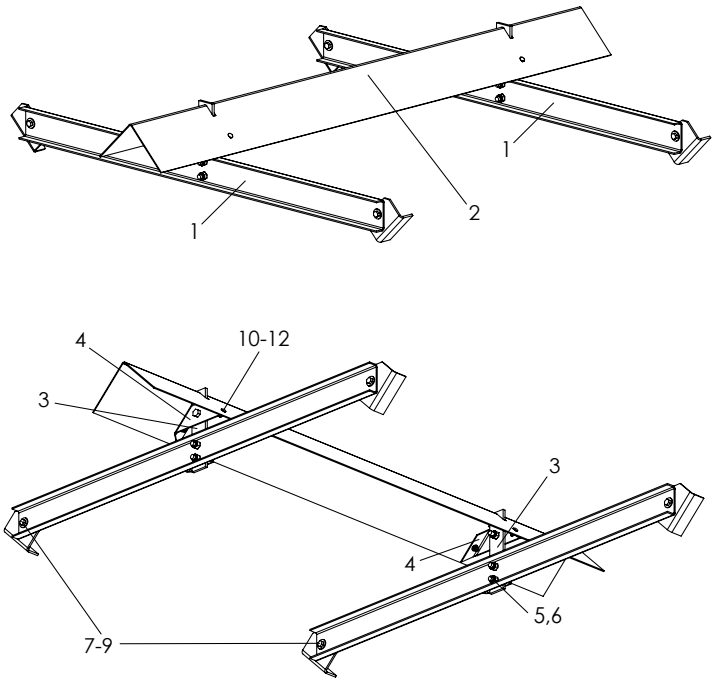
In the parts list the following symbols and abbreviations stand for:

* - Not Shown
AR – As Required
CS – Carbon Steel
SS – Stainless Steel
NS – Not Serviced

The parts listed under the different steel types (CS, 409 SS and 304 SS) are for that type of unit and do not necessarily mean the part is made of that type of steel.

Body

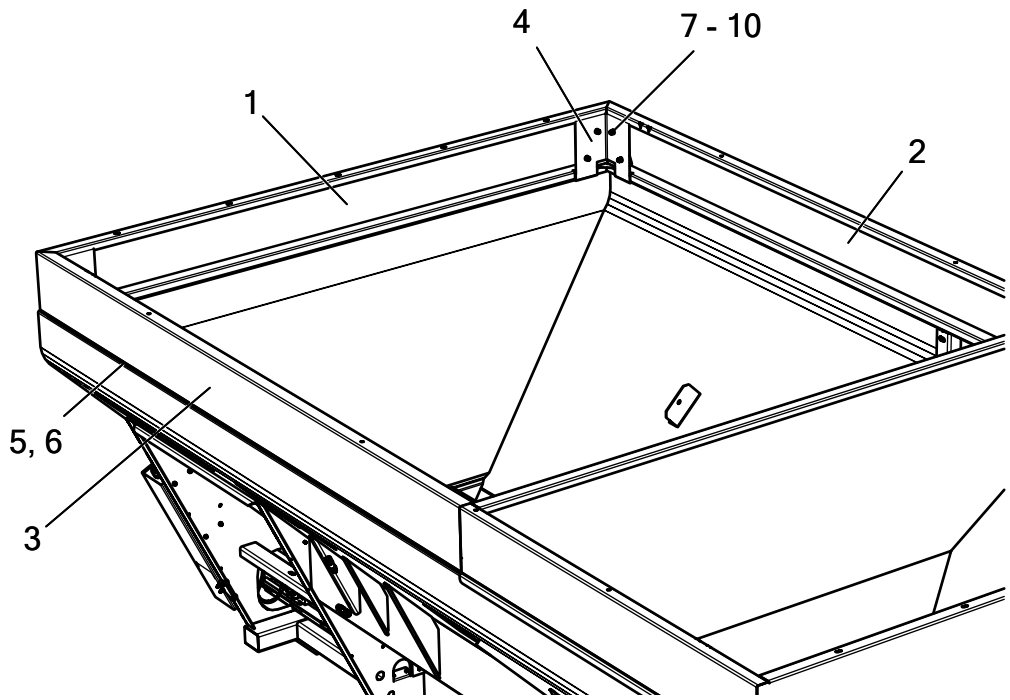
Inverted “V”



ITEM	PART NO.	DESCRIPTION	QTY
1	81263	Hanger – V Wldmt	3
2	82624	Inverted V - 11’	1
3	308646	Bar – Adjusting	3
4	302371	Bracket – V Bolt-on	3
5	58800	Cap Screw – 5/8-11NC x 1-3/4 SS	9
6	41762	Nut - Lock 5/8-11NC SS	9
7	36402	Cap Screw - 1/2-13NC x 1-1/4 SS	6
8	36426	Washer - Flat 1/2 SS	6
9	39016	Nut - Lock 1/2-13NC SS	6
10	42639	Bolt - Carriage 5/16-18NC x 1 SS	6
11	36424	Washer - Flat 5/16 SS	6
12	42221	Nut - Lock 5/16-18NC SS	6

Body

Side Boards - With Insert



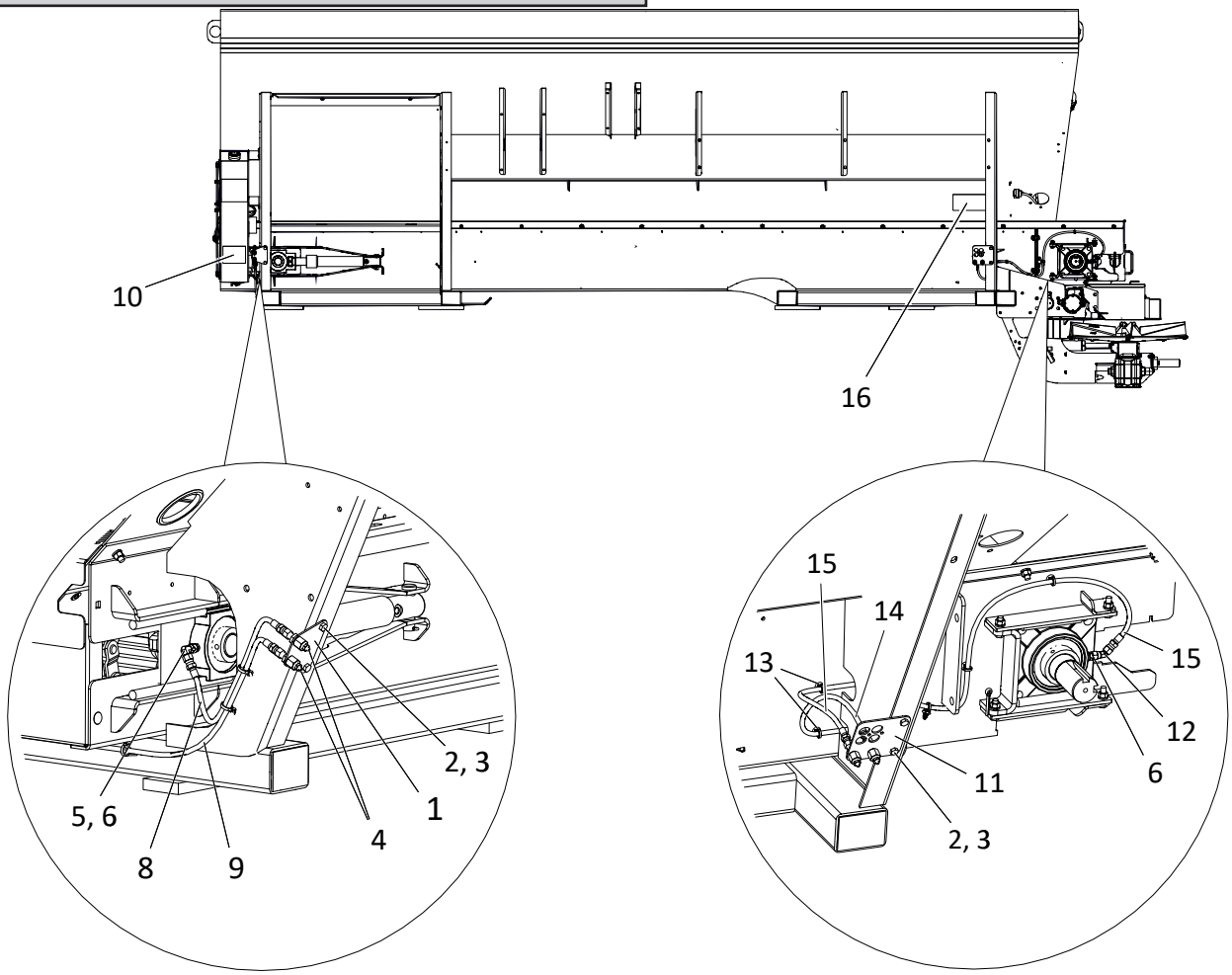
ITEM	PART NO.	DESCRIPTION	QTY
	98746	Kit - Hardware Side Boards SS, Includes Items 7 - 10	1
1	xxxxxx	Side Board – Wldmt xxx"	1
2	312926	RH Side Board Wldmt - 8'	1
3	312927	LH Side Board Wldmt - 8'	1
4	86867	Pocket – Side Board	2
5	53950	Rubber – 1/4 x 2-1/4	AR
6	96254-AB	Adhesive – Blk Cyanoacrylate*	AR
7	36398	Cap Screw – 3/8 x 1	12
8	36425	Washer – Flat 3/8 SS	12
9	36420	Washer – Lock 3/8-16 NC SS	12
10	36414	Nut – Hex 3/8-16 NC SS	12

AR - As Required

* - Use adhesive to attach rubber to bottom of side boards.

Body

Lubrication

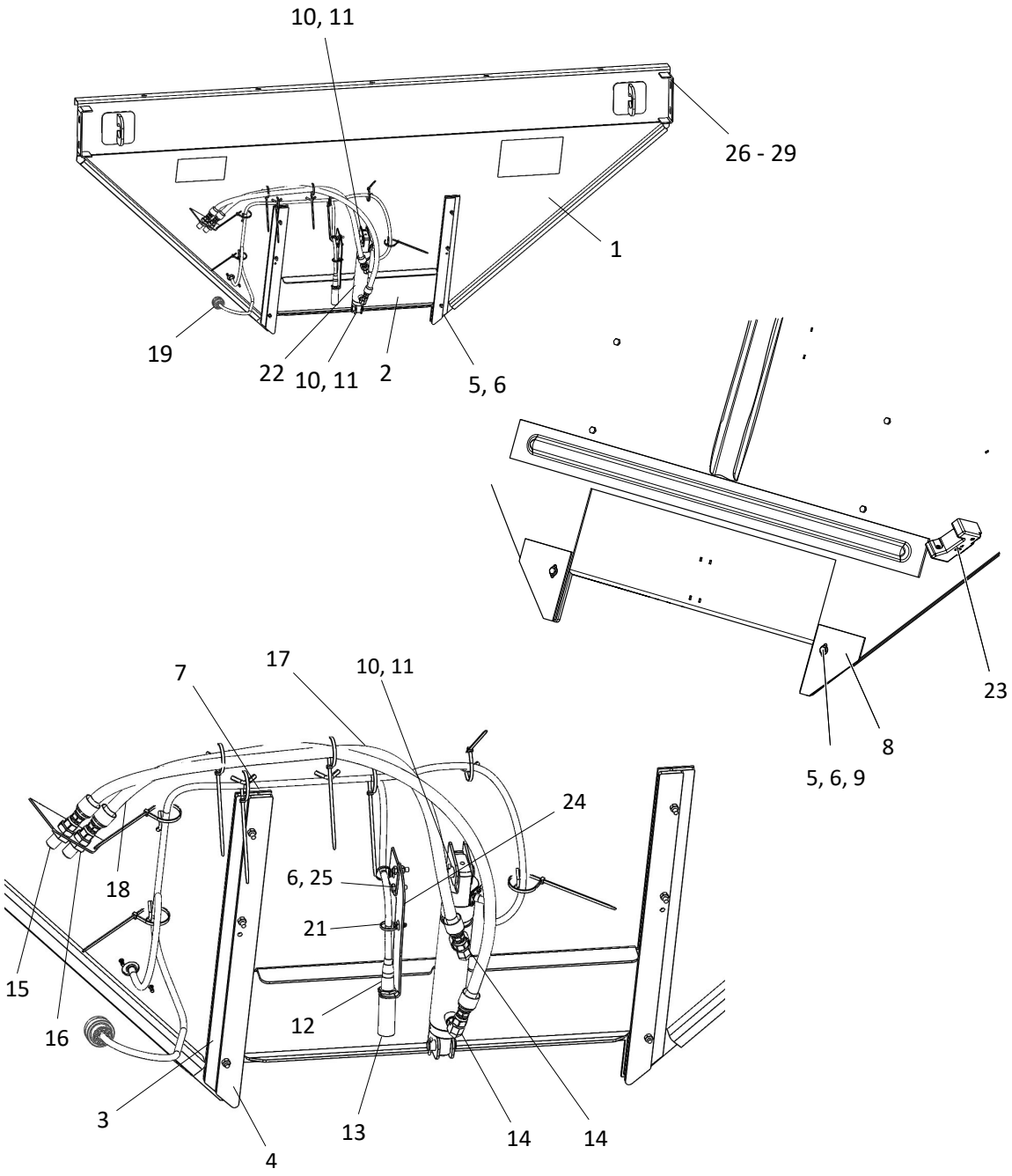


Body

Lubrication Cont.

ITEM	PART NO.	DESCRIPTION	QTY
1	313913	Lube Bank - Assy 2 Position, Includes Items 17 - 19	1
2	56858	Cap Screw - 5/16-18NC x 3/4 SS	4
3	42221	Nut - Lock 5/16-18NC SS	4
4	313917	Zerk - Grease 1/8-27 NPT 304	4
5	34787	Fitting - 4-2 070102	4
6	34868	Fitting - 4-4 070221	2
7	99674	Tie - Wire	8
8	313663	Hose - Assy LH Front Bearing	1
9	313664	Hose - Assy RH Front BearinG	1
10	311814	Decal - Lubrication Chart	1
11	313914	Lube Bank - Assy 6 Position, Includes Items 18 - 20	1
12	313501	Fitting - 4-4 070321	2
13	311806	Tie - Wire Fir Tree	14
14	313665	Hose - Assy RH Rear Bearing	1
15	313666	Hose - Assy LH Rear Bearing	1
16	313918	Decal - Lubrication Chart	1

Endgate Assembly



ITEM	PART NO.	DESCRIPTION	QTY
	316494	Endgate - Assembly, Includes Items 1 - 25	1
	86951	Kit - Hardware, Includes Items 26 - 29	1
1	316495	Endgate - Wldmt Rear 96 + 6	1
2	316510	Feedgate - Wldmt 30" 304	1

* - Not Shown

Endgate

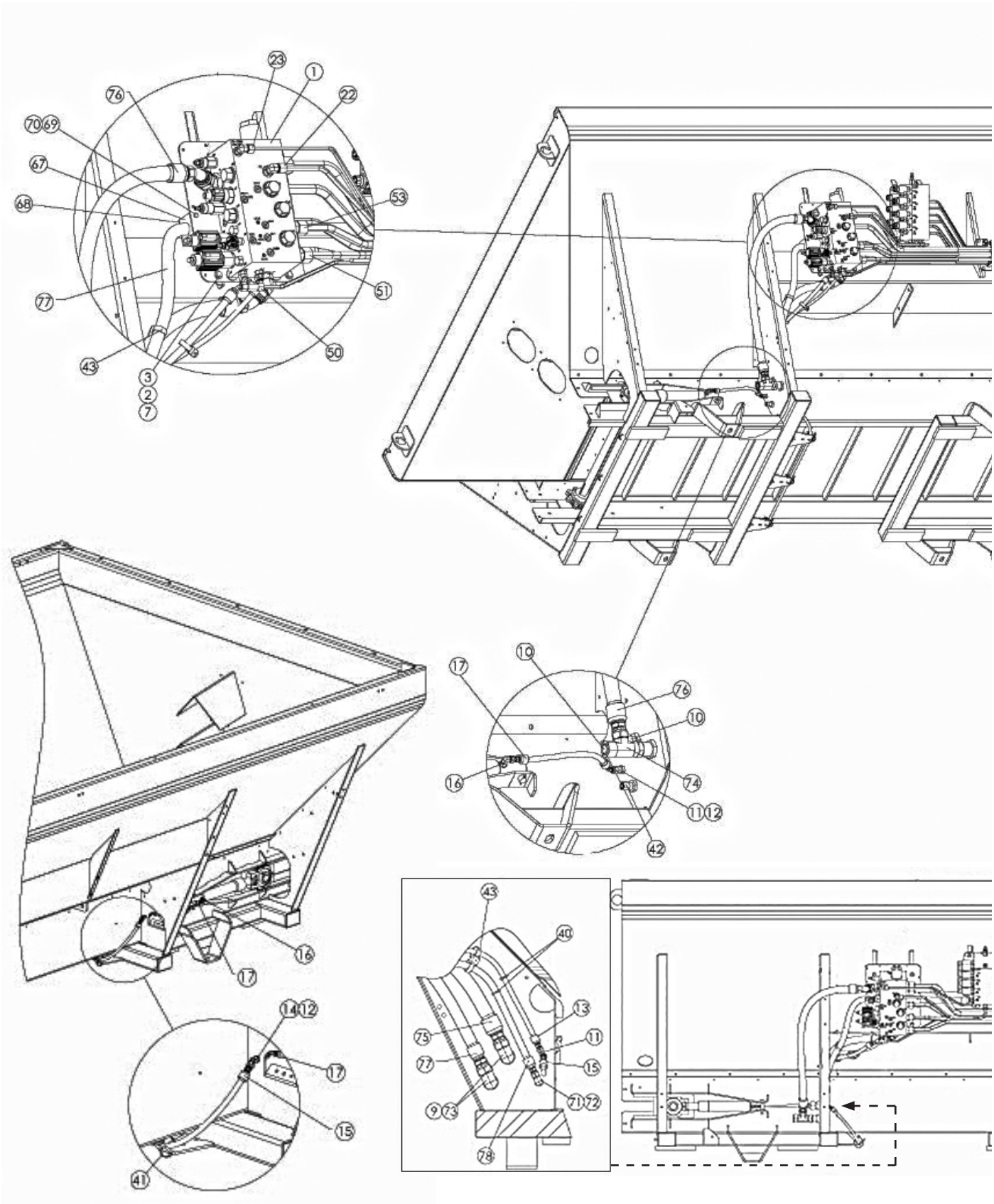
Endgate Assembly Cont.

ITEM	PART NO.	DESCRIPTION	QTY
3	36385	Bar - Feedgate Guide 304	2
4	36384	Bar - Feedgate Slide 304	2
5	312394	Cap Screw - 1/4-20NC x 1-3/8 SS	6
6	42034	Nut - Lock 1/4-20NC SS	8
7	86090	Spacer - Shim Plastic	2
8	305079	Sealer - Endgate Bolt-In 304	2
9	36423	Washer - Flat 1/4 SS	2
10	313173	Pin - Clevis SS	2
11	36427	Pin - Cotter SS	2
12	313377	Sensor - Ultrasonic	1
13	313378	Cover - Sensor	1
14	313465	Fitting - 6-4 520220	2
15	313486	Fitting - 6-6 520601S 304	2
16	313485	Fitting - 6 520118S 304	2
17	316076	Hose - Assy SAE .38 x 35 100R1	1
18	314398	Hose - Assy SAE .38 x 40 100R1	1
19	314715	Harness - Bin 2 Insert Control	1
20	*99674	Tie - Wire	8
21	311806	Tie - Wire Fir Tree	2
22	312951	Cylinder - 1.5 x 4.75 w/ Sensor	1
23	98787-AB	Sensor - Bin Level	1
24	316048	Mount - Sensor 304	1
25	36393	Cap Screw - 1/4-20NC x 3/4 SS	2
26	20128-X1	Cap Screw - 1/2-13NC x 1-1/4 GR8	4
27	20695	Washer - Flat 1/2	8
28	20714	Washer - Lock 1/2	4
29	20646	Nut - 1/2-13NC	4
30	98476	PIN - CLEVIS .25 X 1.5 SS	1
31	41779	PIN - HAIR .073 X 1.438 SS	1

* - Not Shown

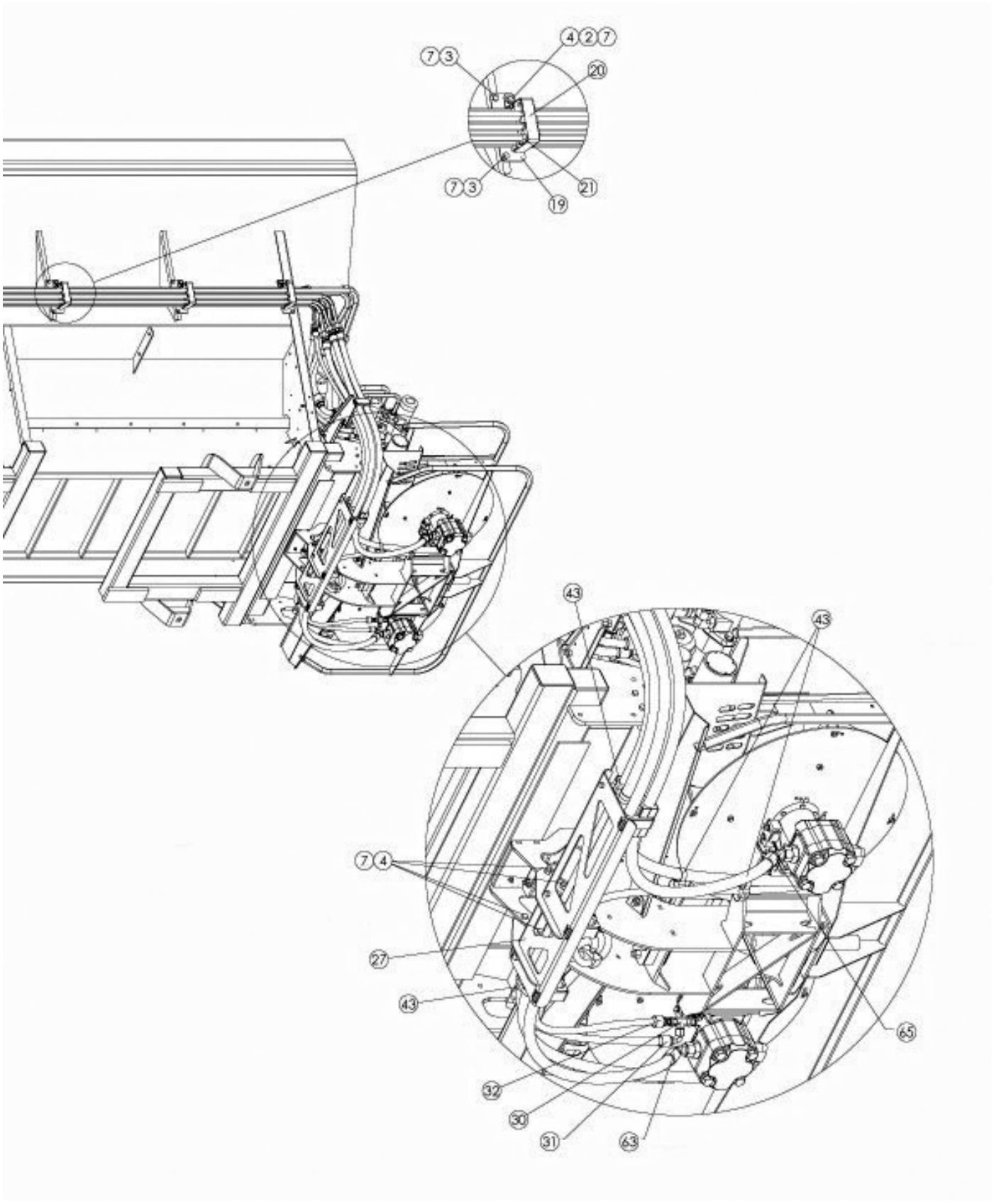
Body Hydraulics

Main Bin



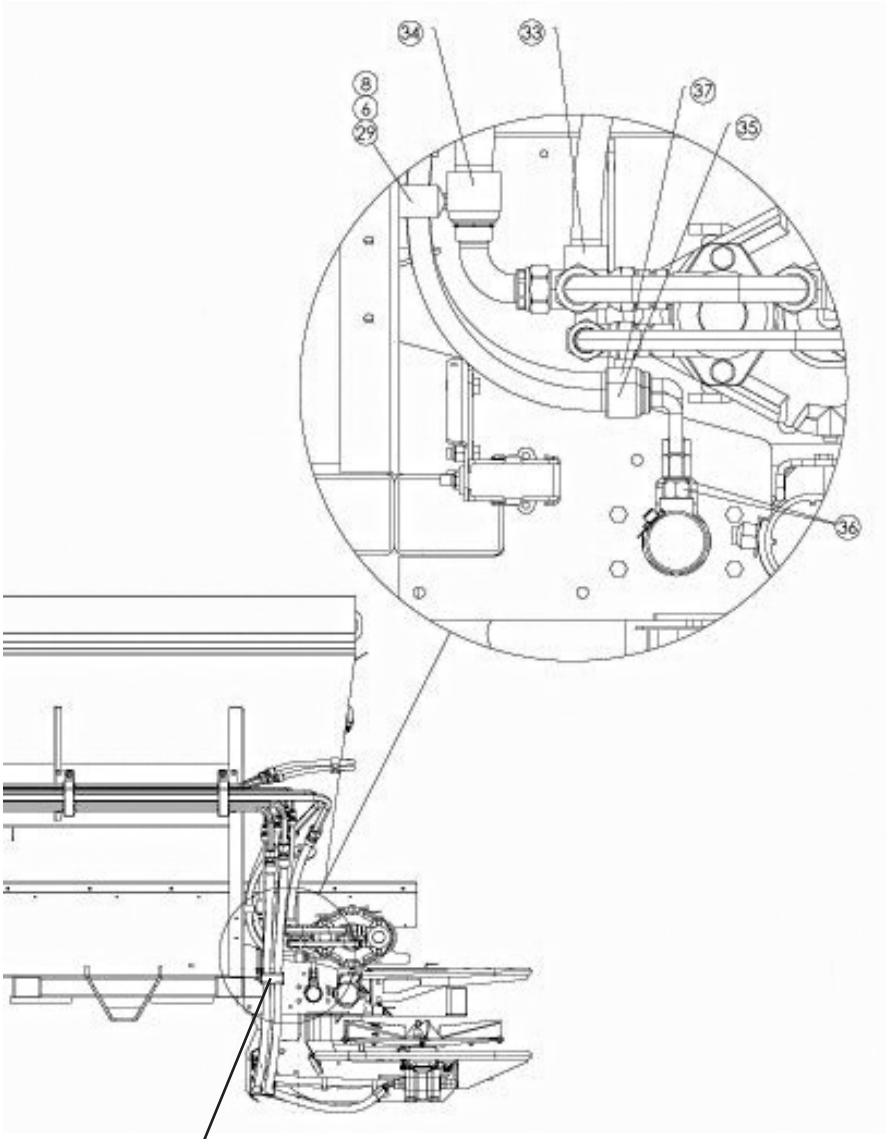
Body Hydraulics

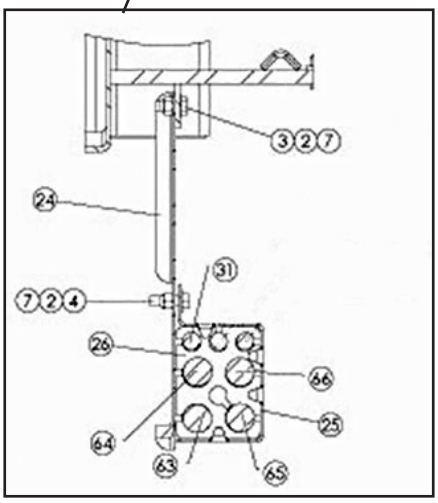
Main Bin Cont.



Body Hydraulics

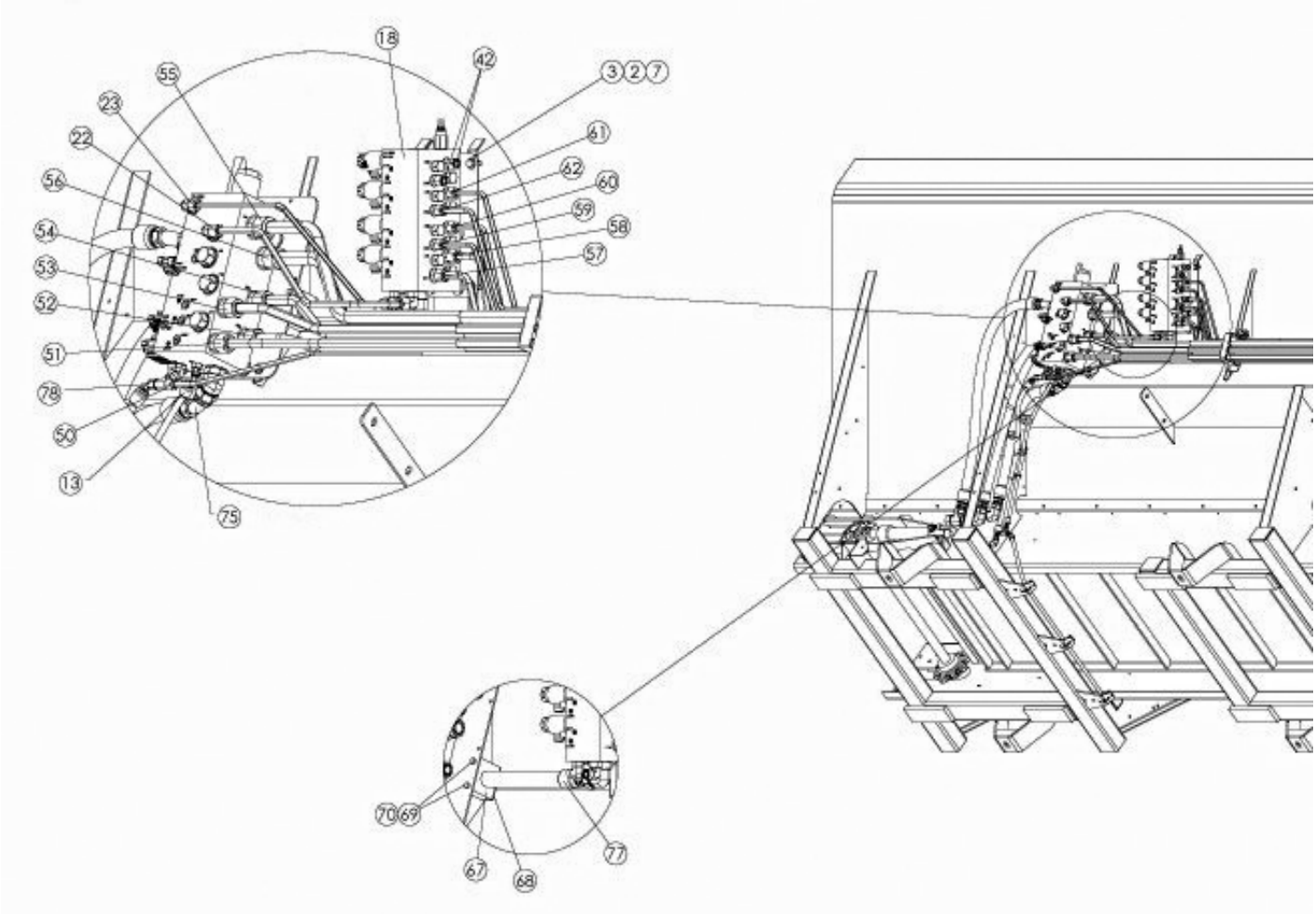
Main Bin Cont.





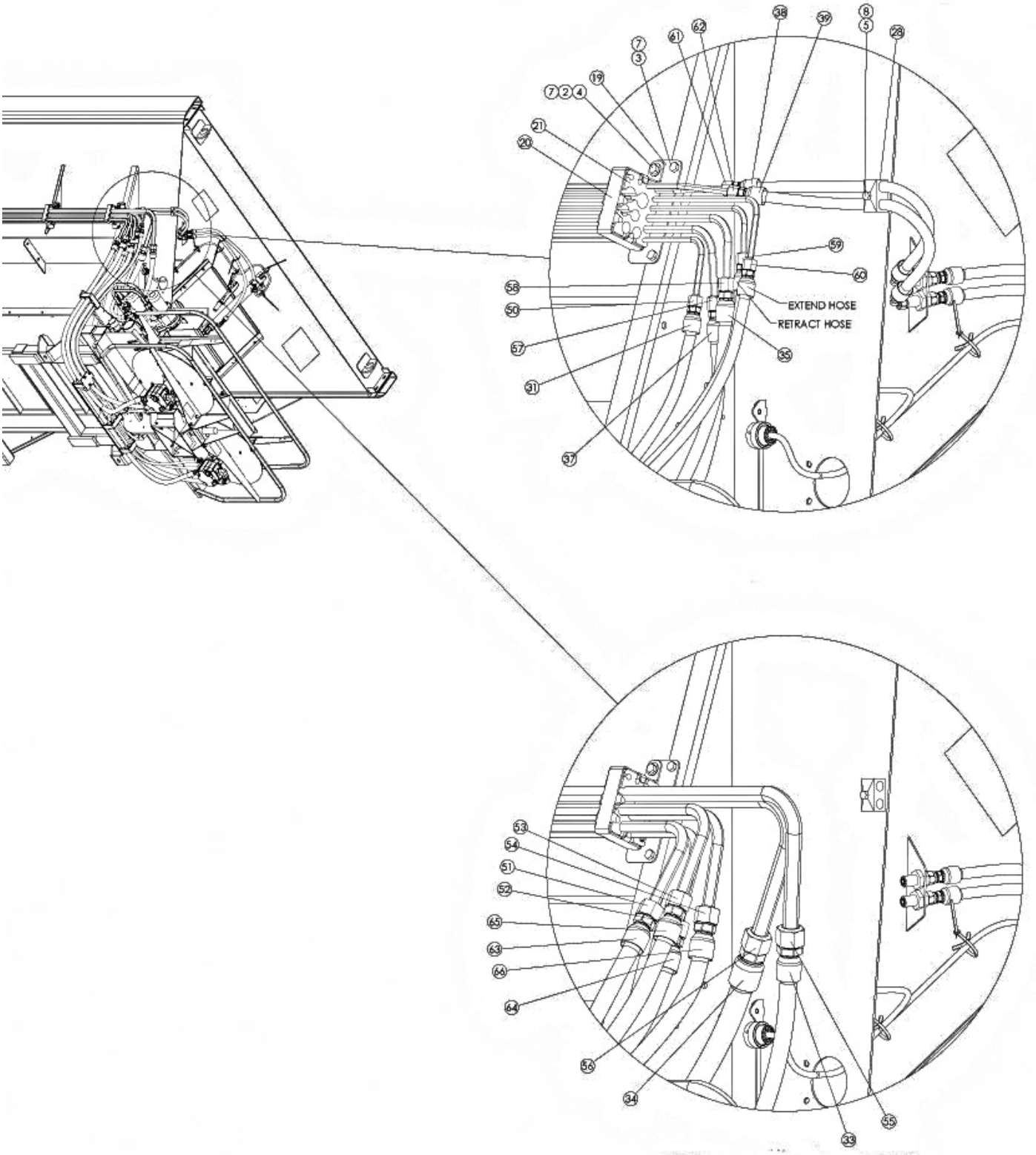
Body Hydraulics

Main Bin Cont.



Body Hydraulics

Main Bin Cont.



Body Hydraulics

Main Bin Cont.

ITEM	PART NO.	Description	QTY
1	316269	Valve - Assy Mounting Spreader	1
2	36425	Washer - Flat .375 SS	18
3	36398	Capscrew - .375-16NC X 1 SS	18
4	36399	Capscrew - .375-16NC X 1.25 SS	12
5	309619	Capscrew - .313-18NC X 2 SS	3
6	71830	Capscrew - .313-18NC X 2.5 SS	1
7	72054	Nut - Lock .375-16NC SS	30
8	42221	Nut - Lock .313-18NC SS	2
9	313444	Fitting - 16 520118	2
10	312674	Fitting - 16 520112	2
11	313440	Fitting - 4-4-4 520958	1
12	313442	Fitting - 4 520118	2
13	313555	Hose - Assy .25 X 33 100R1	1
14	313441	Fitting - 4-4 520801	1
15	313556	Hose - Assy .25 X 52.5 100R1	1
16	312654	Fitting - 4-4 520220	2
17	313557	Hose - Assy .25 X 14.25 100R1	2
18	313896	Valve - Assy Mounting Cylinder	1
19	313394	Plate - Tube Clamp Mount 304	4
20	313395	Clamp - Bar Tube 304	4
21	313396	Clamp - Rubber Insert	4
22	315440	Tube - Assy .5OD X .049 X	1
23	313332	Tube - Assy .375OD X .035 X	1
24	313397	Angle - Hose Clamp Mount 304	1
25	313398	Clamp - Bar Hose 304	3
26	313399	Clamp - Rubber Insert	4
27	313400	Channel - Wldmt Hose Carrier	1
28	305410	Clamp - Tubing Twin .625"	1
29	75036	Clamp - Tubing Twin .75"	1
30	313457	Fitting - 6-6-6 520432	1

Body Hydraulics

Main Bin Cont.

ITEM	PART NO.	Description	QTY
31	313536	Hose - Assy .38 X 102 100R1	1
32	313533	Hose - Assy .38 X 65 100R1	1
33	313541	Hose - Assy .75 X 20.5 100R16	1
34	313542	Hose - Assy 1 X 18.5 100R1	1
35	313539	Hose - Assy .5 X 32 100R16	1
36	313456	Fitting - 8-6 520120	2
37	313540	Hose - Assy .5 X 30.75 100R16	1
38	313545	Hose - Assy .38 X 27.5 100R1	1
39	313546	Hose - Assy .38 X 25.25 100R1	1
40	*311806	Tie - Wire Fir Tree	2
41	99674	Tie - Zip 8" Black	3
42	314506	Fitting - 6 520112	3
43	310648	Tie - Dual Clamp	8
44	*307182-AA	Plug - Assy Sealing 2-Pin	2
45	*315720	Clamp - Bar Hose 304	1
46	*315721	Clamp - Tubing Twin 1.10"	2
47	*314038	Plate - Weld 304	2
48	*36424	Washer - Flat .313 SS	2
49	*36419	Washer - Lock .313 SS	2
50	315897	Tube - Assy .375OD X .035 X	1
51	315893	Tube - Assy .75OD X .065 X	1
52	315894	Tube - Assy .75OD X .065 X	1
53	315891	Tube - Assy .75OD X .065 X	1
54	315892	Tube - Assy .75OD X .065 X	1
55	315895	Tube - Assy 1OD X .083 X124.65	1
56	315896	Tube - Assy 1OD X .049 X	1
57	315898	Tube - Assy .5OD X .049 X	1
58	315899	Tube - Assy .5OD X .049 X	1
59	315900	Tube - Assy .375OD X .035 X	1
60	315901	Tube - Assy .375OD X .035 X	1
61	315903	Tube - Assy .375OD X .035 X	1

Body Hydraulics

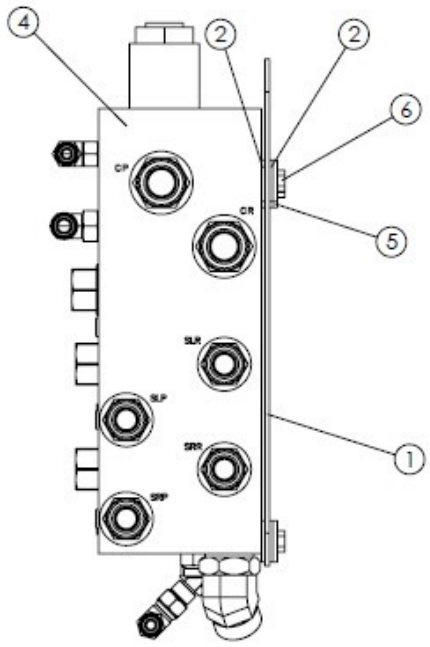
Main Bin Cont.

ITEM	PART NO.	Description	QTY
62	315904	Tube - Assy .375OD X .035 X	1
63	313534	Hose - Assy .75 X 102.75	1
64	313535	Hose - Assy .75 X 110 100R16	1
65	313531	Hose - Assy .75 X 77.75 100R16	1
66	313532	Hose - Assy .75 X 86.5 100R16	1
67	96926	Clamp - Pair 1.25 Tube	2
68	96925	Plate - Top 1.25 Tube SS	2
69	36396	Capscrew - .25-20NC X 3 SS	4
70	42034	Nut - Lock .25-20NC SS	4
71	313468	Fitting - 6-6 520701	1
72	313467	Fitting - 6 520118	1
73	315939	Fitting - 16-16 520701	2
74	313463	Fitting - 16-16-16 520432	1
75	315935	Hose - Assy 1 X 28.5 100R12	1
76	315936	Hose - Assy 1 X 44.5 100R4	1
77	315937	Hose - Assy .75 X 58 100R4	1
78	315938	Hose - Assy .38 X 32 100R1	1

* Not Shown

Body Hydraulics

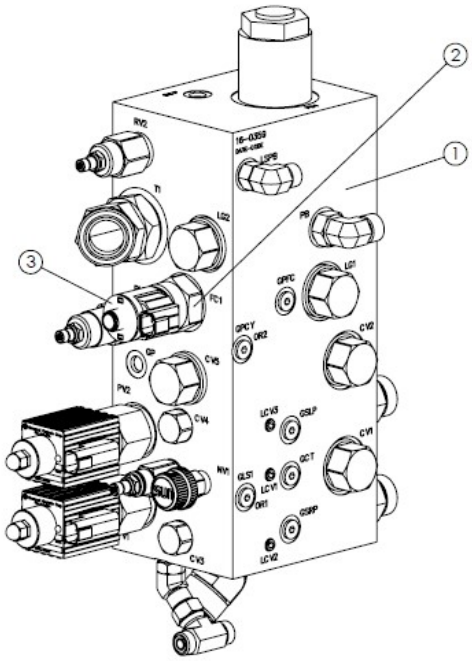
Spreader Control Valve Assy



ITEM	PART NO.	DESCRIPTION	QTY
1	313392	Plate - Valve Mount 304	1
2	311664	Washer - Step Poly	8
3	*88050	Spacer	4
4	316270	Valve - Assy Spreader Control W/ Flow Control Valve	1
5	311798	Washer - Special	4
6	36398	Cap Screw - 3/8-16NC x 1 SS	4

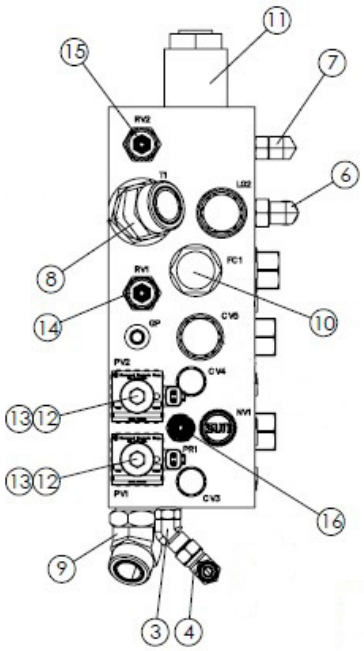
* Not Shown

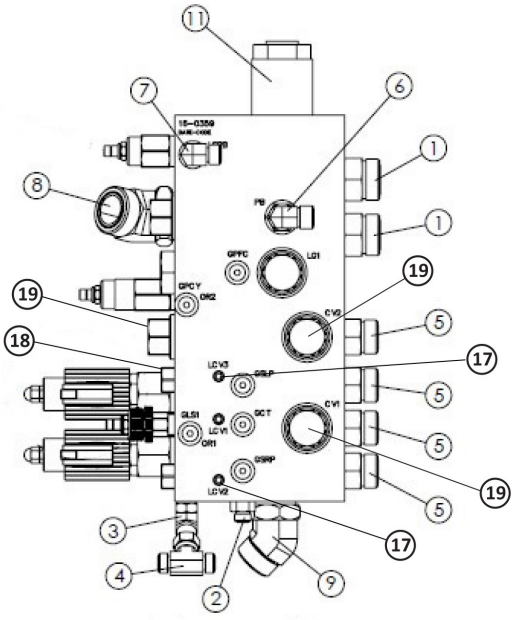
Spreader Control Valve Assy Cont.

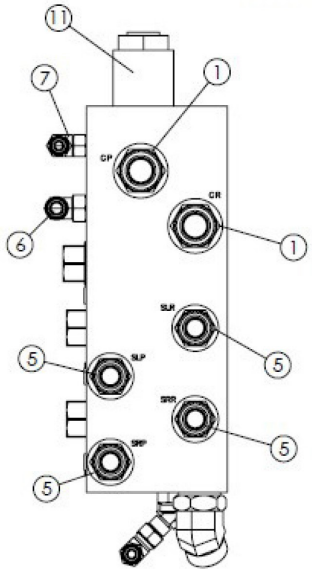


ITEM	PART NO.	DESCRIPTION	QTY
1	316271	Valve - Assy Spreader Control	1
2	316273	Valve - Flow Control 45Gpm	1
3	315867	Coil - 12Vdc Deutsch Dt04-2P	1

Spreader Control Valve Assy Cont.





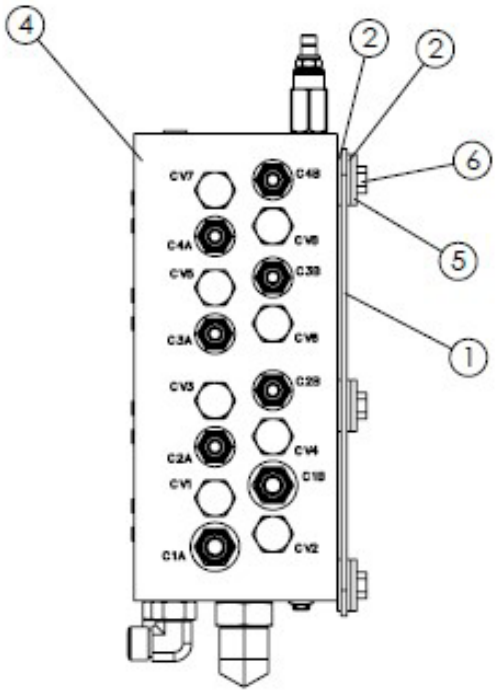


Spreader Control Valve Assy Cont.

ITEM	PART NO.	DESCRIPTION	QTY
	316271	Valve - Assy Spreader Control	1
1	312655	Fitting - 16-16 520120	2
2	313447	Fitting - 4-6 520120	1
3	313445	Fitting - 6-6 520320	1
4	313446	Fitting - 6-6-6 520433	1
5	313450	Fitting - 12-12 520120	4
6	313451	Fitting - 8-8 520220	1
7	313452	Fitting - 6-6 520220	1
8	313449	Fitting - 20-20 520320	1
9	313448	Fitting - 16-16 520320	1
10	56311	Fitting - 16 090109A	1
11	316271-AA	Valve - Compensator 50 GPM SFP	1
12	311515-AB	Valve - Pwm Flow Control 20 GPM	2
13	311515-AC	Coil - Proportion 10 VDC	2
14	311515-AD	Valve - Relief Soft Start	1
15	311515-AE	Valve - Relief	1
16	311515-AF	Valve - Pressure Reducing	1
17	311515-AG	Valve - Check	2
18	311515-AH	Valve - Check	2
19	311515-AI	Valve - Check	3

Body Hydraulics

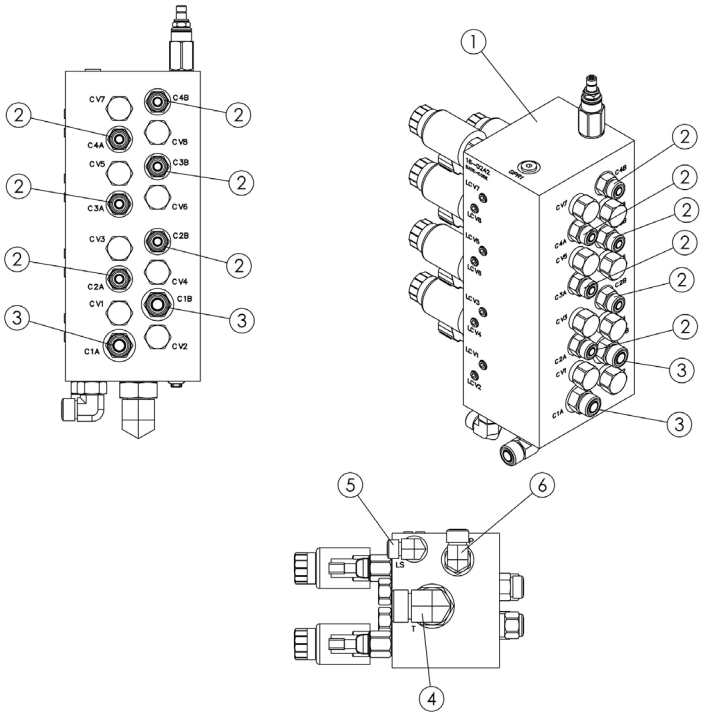
Cylinder Control Valve Assy



ITEM	PART NO.	DESCRIPTION	QTY
1	313393	Plate - Valve Mount 304	1
2	311664	Washer - Step Poly	8
3	*88050	Spacer	4
4	313895	Valve - Assy Cylinder Control	1
5	311798	Washer - Special	4
6	36398	Cap Screw - 3/8-16NC x 1 SS	4

* Not Shown

Cylinder Control Valve Assy Cont.

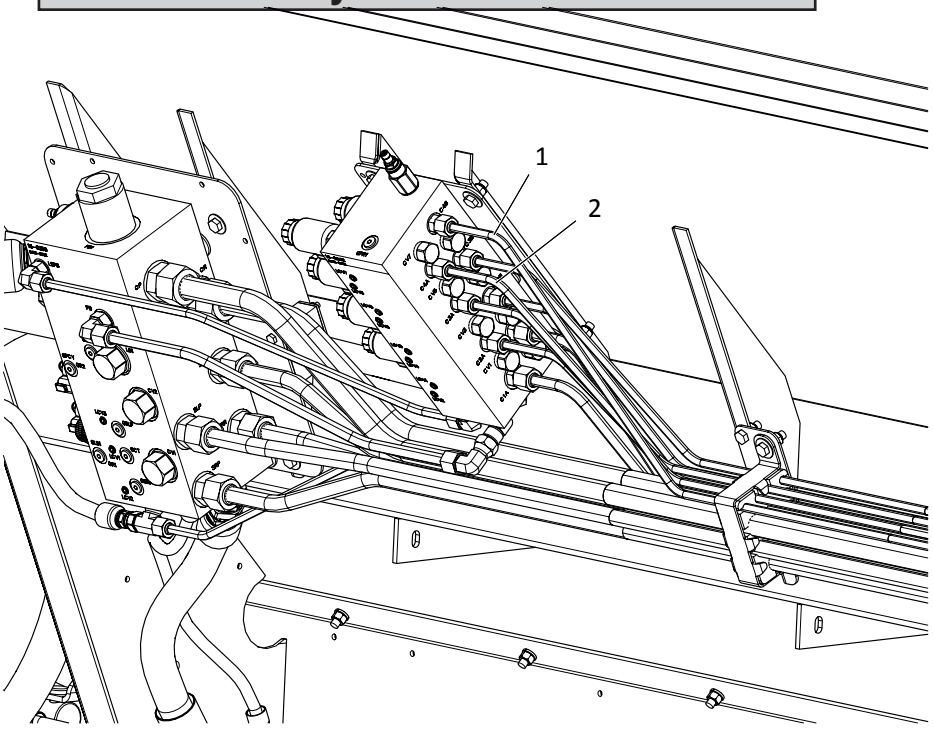


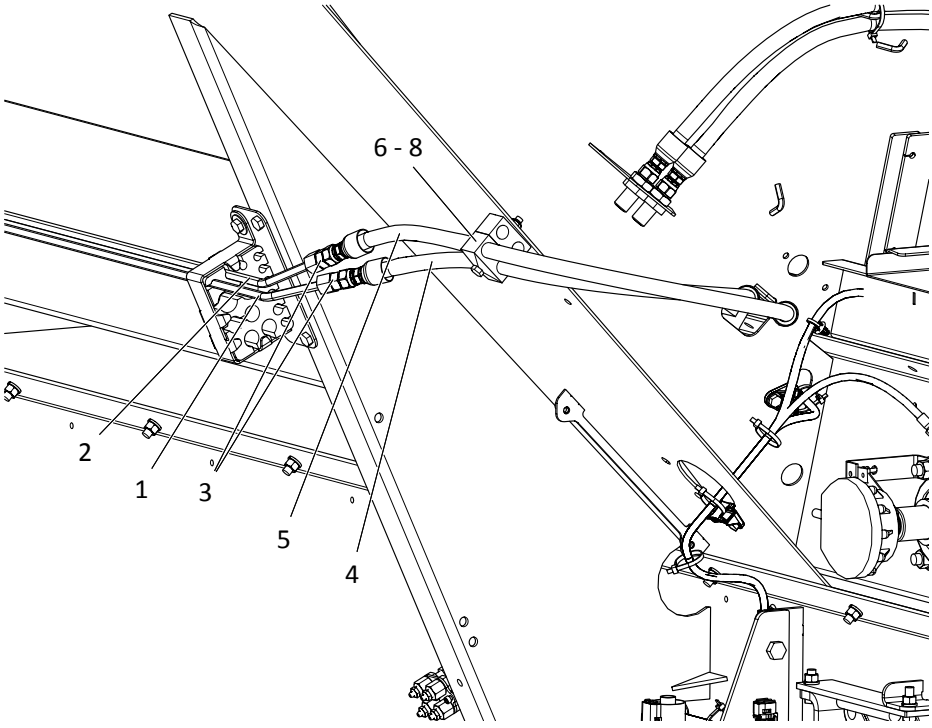
ITEM	PART NO.	DESCRIPTION	QTY
	313895	Valve - Assy Cylinder Control	1
1	313894	Valve - Cylinder Control	1
2	313455	Fitting - 6-6 520120	6
3	313454	Fitting - 8-8 520120	2
4	313453	Fitting - 12-12 520220	1
5	313452	Fitting - 6-6 520220	1
6	313451	Fitting - 8-8 520220	1
7	*313894-AA	Valve - Pwm Flow Control 6GPM	7
8	*313894-AB	Valve - Pwm Flow Control 9GPM	1
9	*313894-AC	Valve - Pilot Operated Check	8
10	*313894-AD	Valve - Pressure Reducing	1
11	*313894-AE	Valve - Check	8
12	*311515-AG	Valve - Check	8

* Not Shown

Body Hydraulics

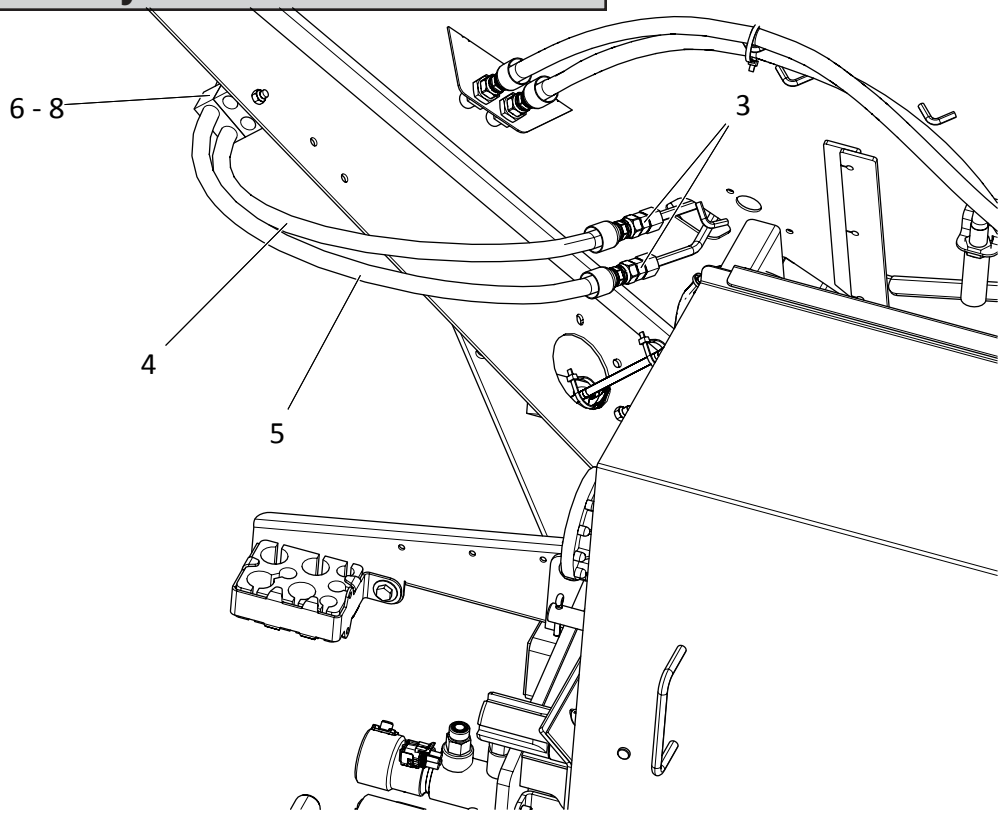
Left Hand Hydraulics - Insert





Body Hydraulics

Left Hand Hydraulics - Insert Cont.

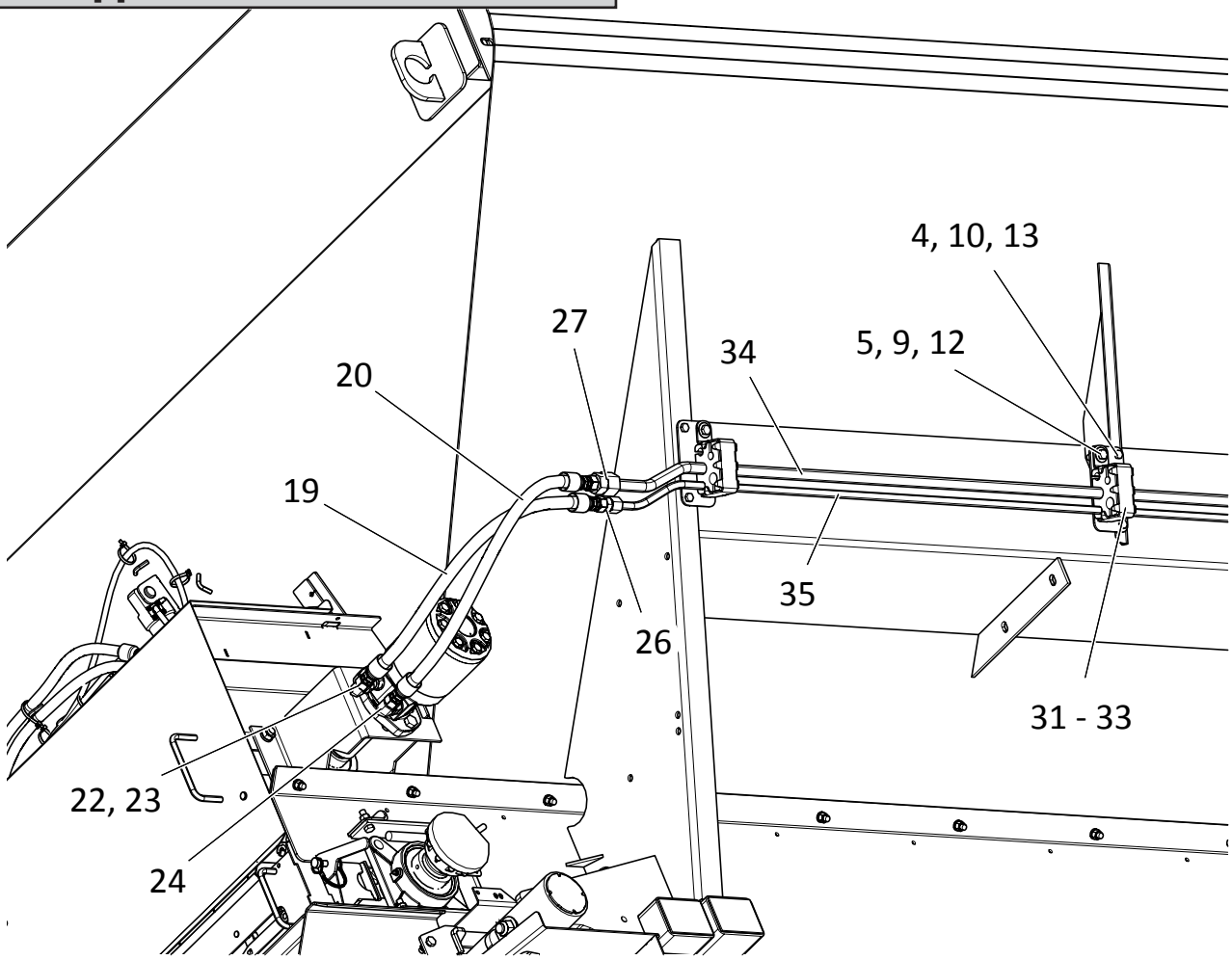


ITEM	PART NO.	DESCRIPTION	QTY
1	316105	Tube - Assy 3/8 x .035 304	1
2	316106	Tube - Assy 3/8 x .035 304	1
3	313487	Fitting - 6-6 520101S 304	4
4	313658	Hose - Assy SAE 6 x 28-1/2 100R1 SS	1
5	313548	Hose - Assy SAE 6 x 32-1/2 100R1 SS	1
6	96258	Cap Screw - 5/16-18NC x 3 SS	1
7	42221	Nut - Lock 5/16-18NC SS	1
8	305410	Clamp - Tubing Twin 5/8	1

NOTE: The following parts are required to convert a single bin unit to MultApplier ready. See previous pages for details on main bin hydraulics.

Body Hydraulics

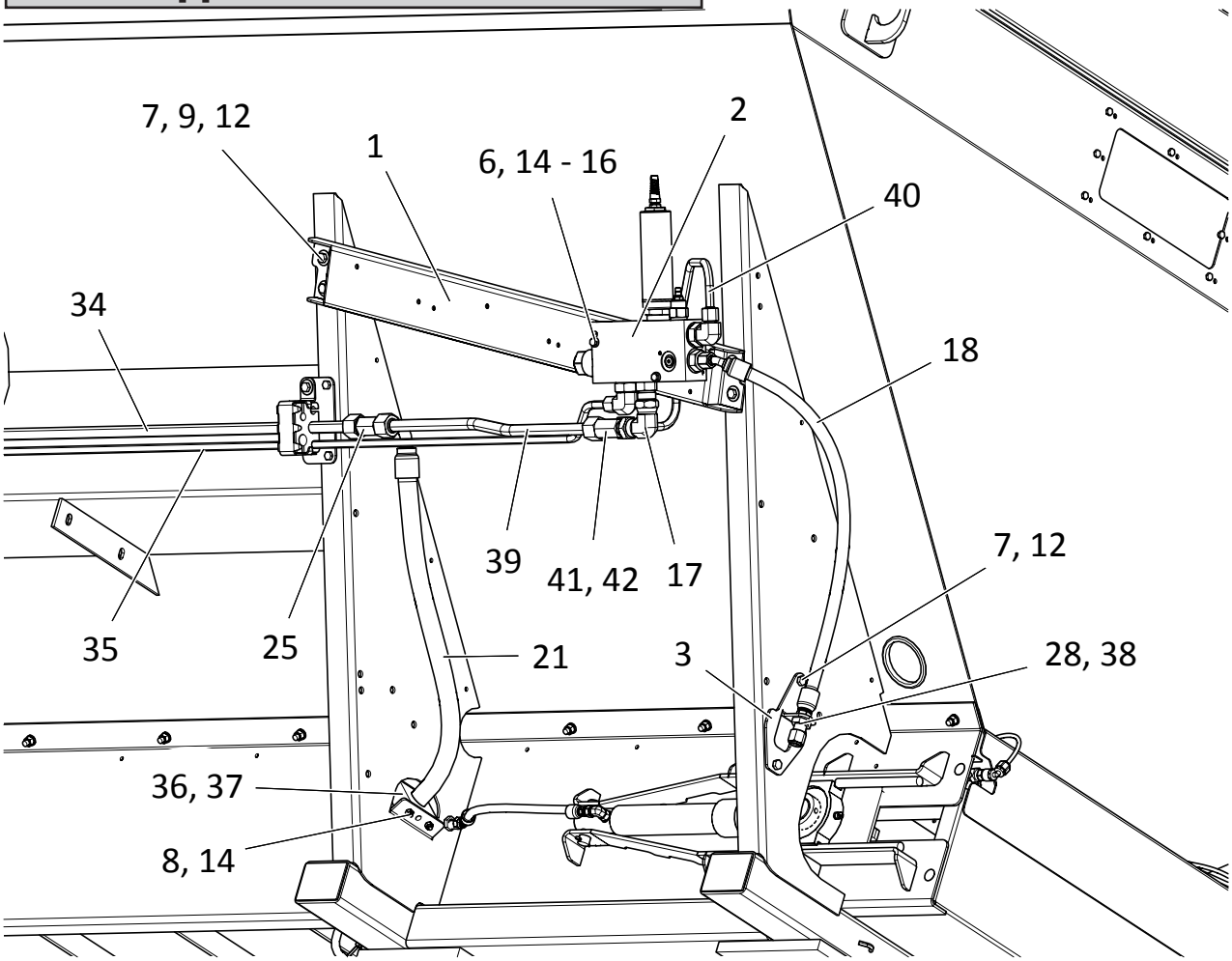
MultApplier



ITEM	PART NO.	DESCRIPTION	QTY
1	313388	Bracket - Valve Mtg SFP	1
2	315746	Valve - Assy 9 GPM SFP w/ Relief	1
3	313994	Plate - Hose Mount 304	1
4	34580	Cap Screw - 5/16-18NC x 1 SS	8
5	36399	Cap Screw - 3/8-16NC x 1-1/4 SS	4
6	56396	Cap Screw - 1/4-20NC x 3-1/4 SS	2
7	36398	Cap Screw - 3/8-16NC x 1 SS	6
8	36396	Cap Screw - 1/4-20NC x 3 SS	10
9	36425	Washer - Flat 3/8 SS	8
10	36424	Washer - Flat 5/16 SS	8
11	36423	Washer - Flat 1/4 SS	4

Body Hydraulics

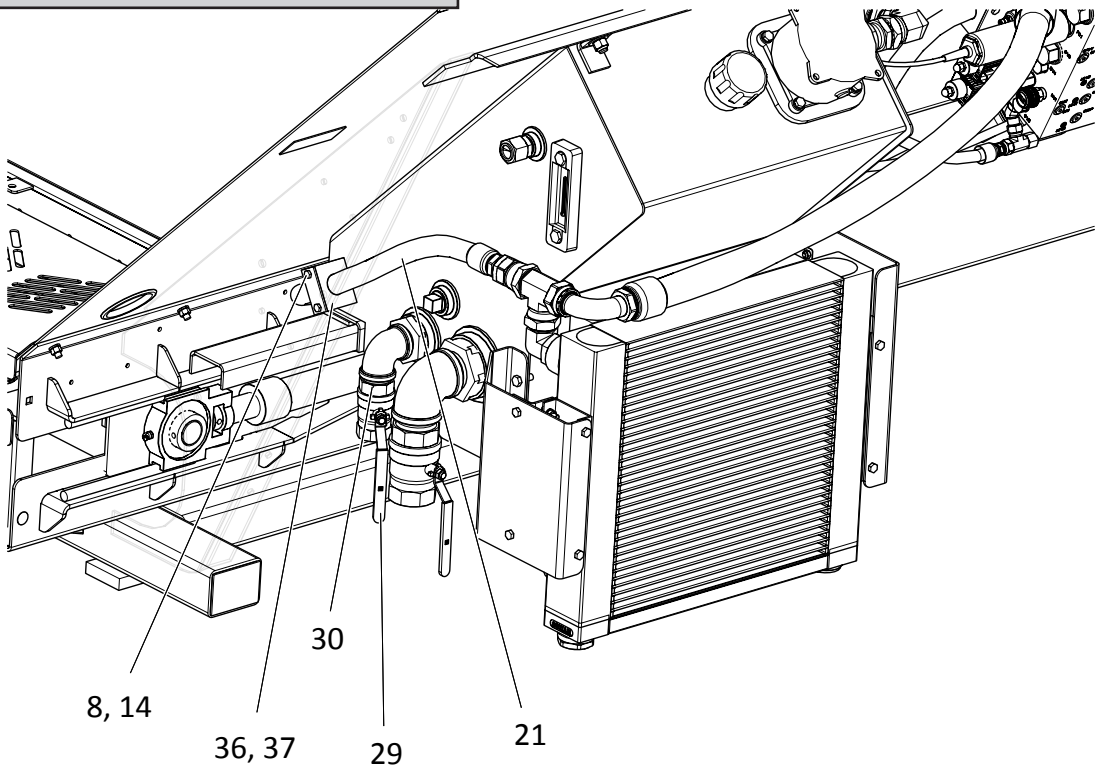
MultApplier Cont.

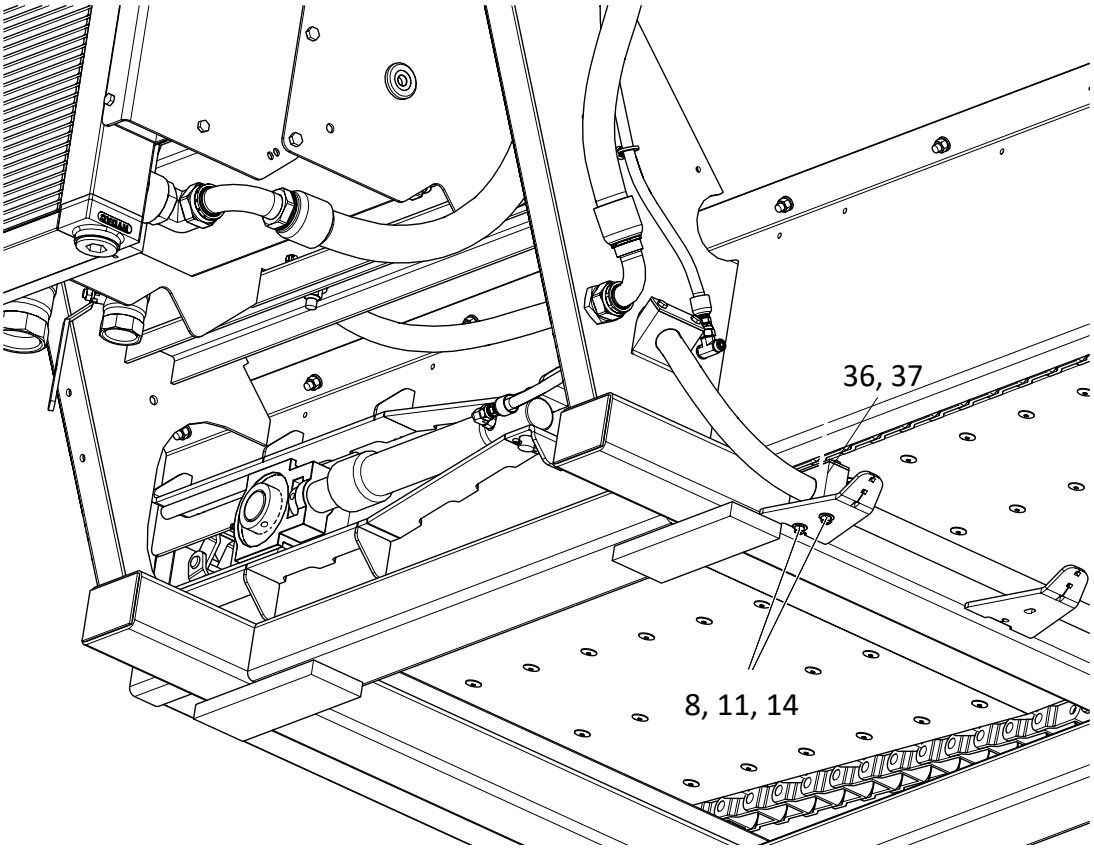


ITEM	PART NO.	DESCRIPTION	QTY
12	72054	Nut - Lock 3/8-16NC SS	10
13	42221	Nut - Lock 5/16-18NC SS	8
14	42034	Nut - Lock 1/4-20NC SS	12
15	302098	Washer - Step 1/2 Thick	2
16	302097	Washer - Step 1/8 Thick	2
17	313473	Fitting - 12-12 520221	1
18	313579	Hose - Assy SAE 8 x 29-1/2 100R1	1
19	313578	Hose - Assy SAE 8 x 25-1/2 100R1 SS	1
20	313659	Hose - Assy SAE 8 x 24 100R1 SS	1
21	313660	Hose - Assy SAE 12 x 132 100R4	1
22	313481	Fitting - 8-8 520221S 304	1

Body Hydraulics

MultApplier Cont.



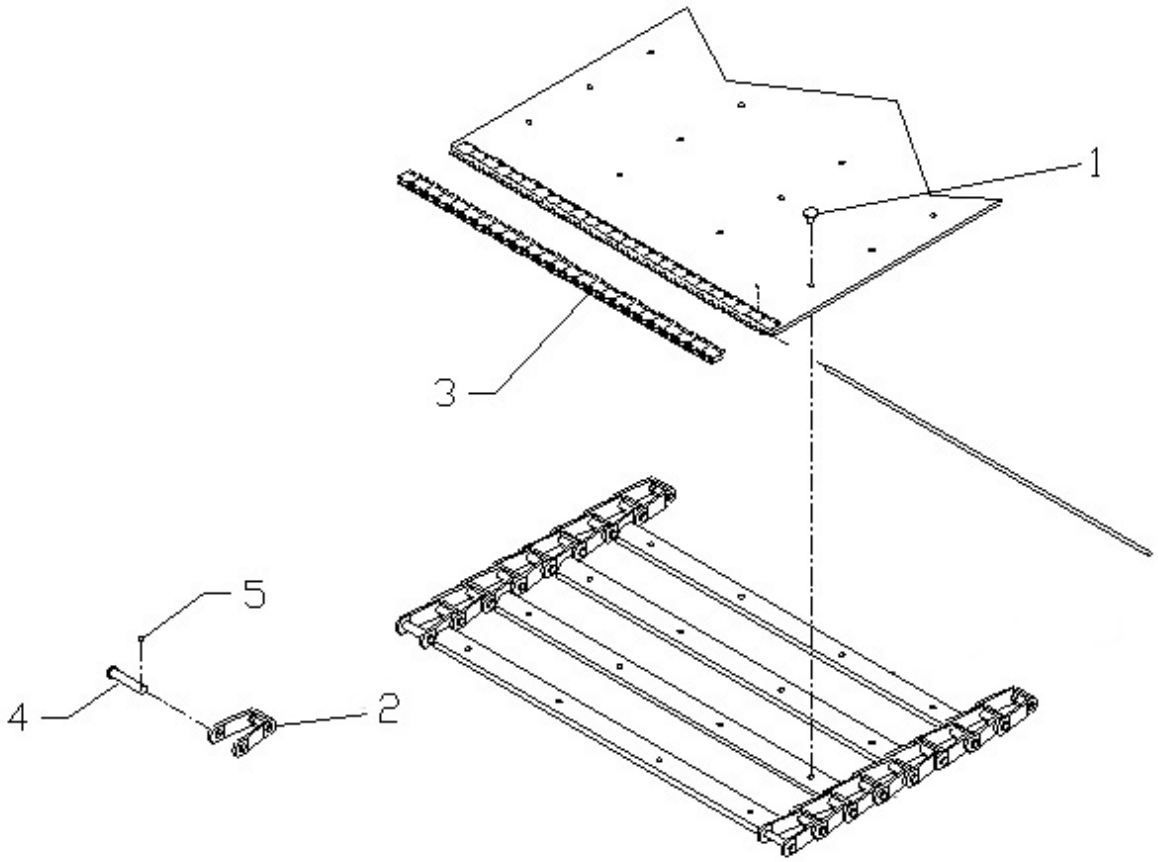


Body Hydraulics

MultApplier Cont.

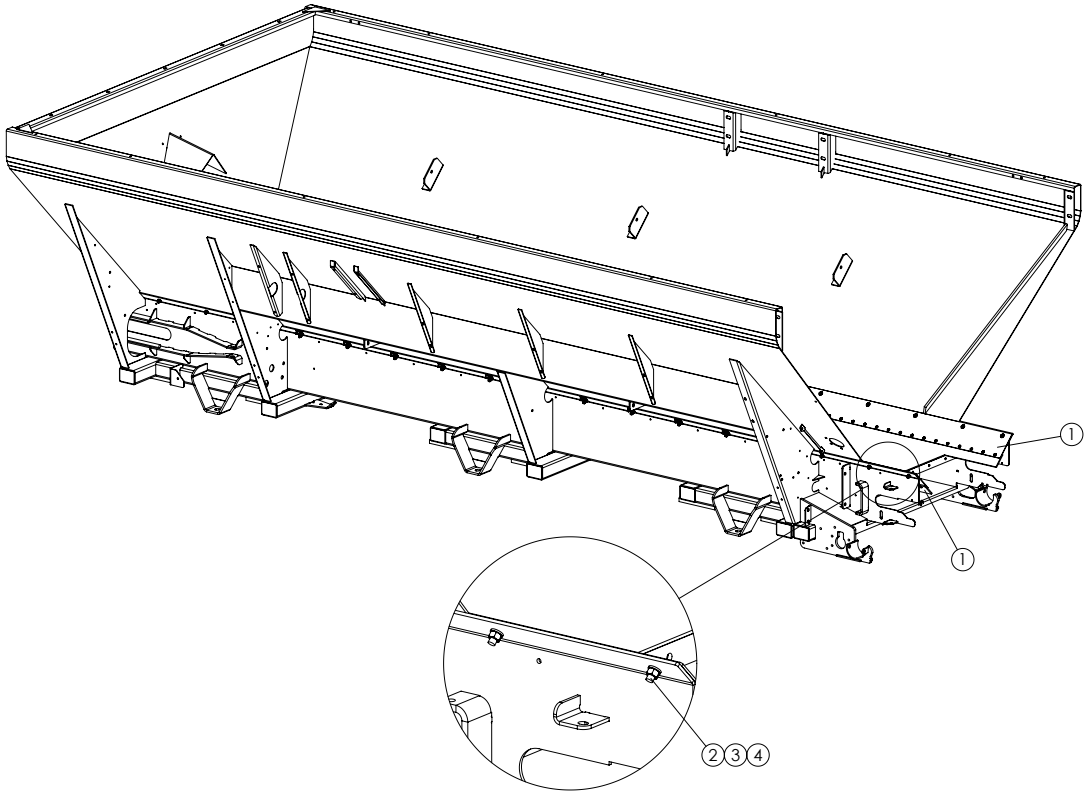
ITEM	PART NO.	DESCRIPTION	QTY
23	313480	Fitting - 8-10 520120S 304	1
24	313479	Fitting - 8-10 520220S 304	1
25	313476	Fitting - 12-12-12 520401	1
26	313477	Fitting - 8-8 520101S 304	1
27	313478	Fitting - 12-8 520101S 304	1
28	313470	Fitting - 8 520112	1
29	305059	Valve - Ball 1-1/4 NPT	1
30	6028	Nipple - Close 1-1/4 NPT	1
31	313389	Plate - Brkt Tube Clamp Mtg 304	4
32	313390	Clamp - Bar Tube 304	4
33	313391	Clamp - Rubber Insert	4
34	314394 313339	Tube - Assy 3/4 x .049 304, 13' Unit Tube - Assy 3/4 x .049 304, 14' Unit	1 1
35	314393 313338	Tube - Assy 1/2 x .049 304, 13' Unit Tube - Assy 1/2 x .049 304, 14' Unit	1 1
36	96926	Clamp Pair - 1-1/4 Tube	5
37	96925	Plate - Top 1-1/4 Tube	5
38	313469	Fitting - 8 520118	1
39	313340	Tube - Assy 3/4 304	1
40	313341	Tube - Assy 1/2 304	1
41	313474	Fitting - 12-12-12 520432	1
42	313475	Fitting - 12-8 520123A	1

#4 Belt-Over-Chain Conveyor



ITEM	PART NO.	DESCRIPTION	QTY
	311465-AE	BOC - 16' #4K 30" MOR (172 LINKS)	1
1	305646	Screw - #4BOC 1/4 x 9/16 torx Flat Head	AR
2	310295	Crossbar - Wldmt w/ Links, Includes Items 4 & 5	AR
3	73317	Kit – Splicer	1
4	36697	Pin – Pintle Chain	AR
5	20817	Pin – Cotter	AR
6	36699	Link – Pintle Chain	AR

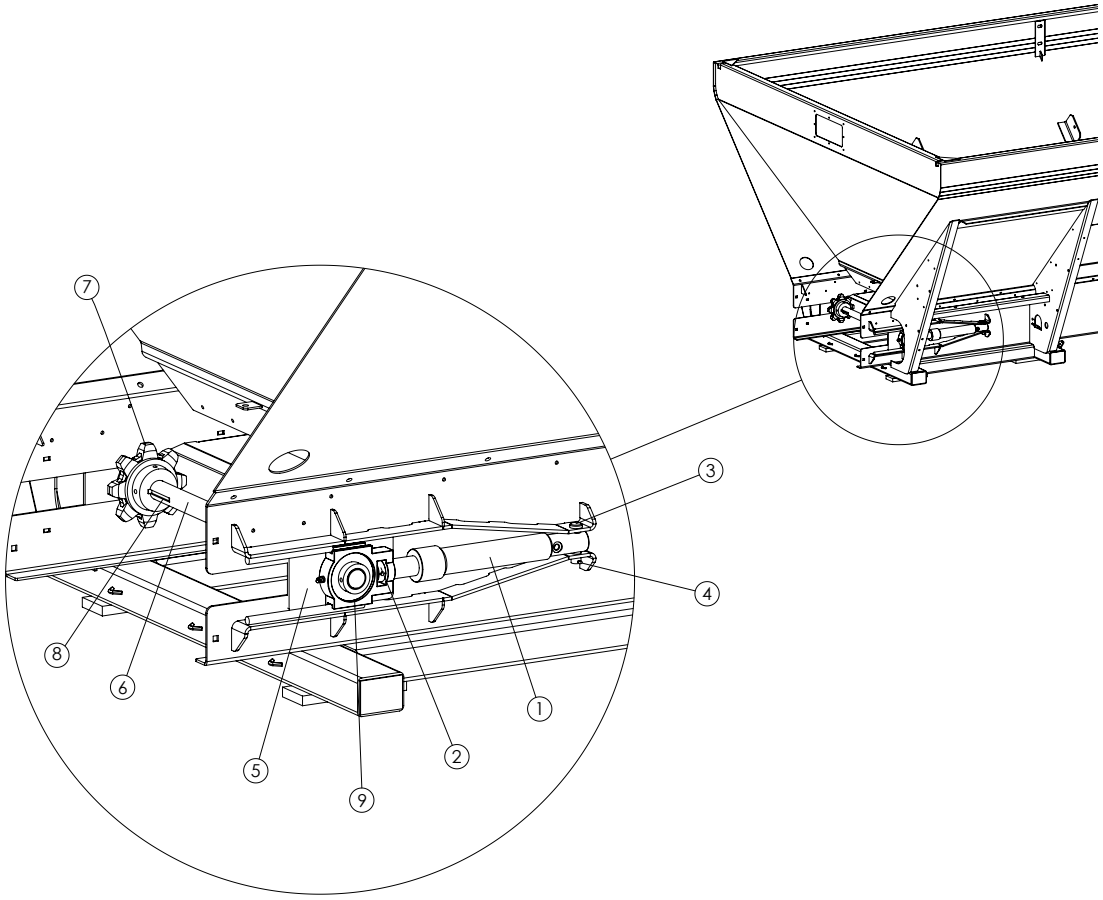
Conveyor
Chain Shields



ITEM	PART NO.	DESCRIPTION	QTY
1	315915	Shield - Chain Assy 16' #4 304	2
2	71829	Screw - Truss Head .375-16NC X	36
3	36420	Washer - Lock .375 SS	36
3	36414	Nut - Hex .375-16NC SS	36

Conveyor

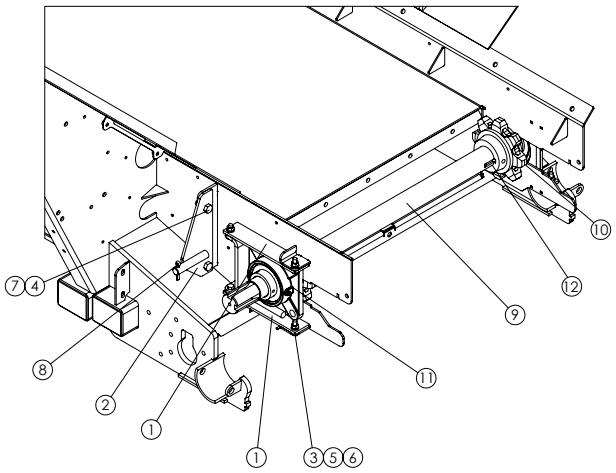
Conveyor Idler

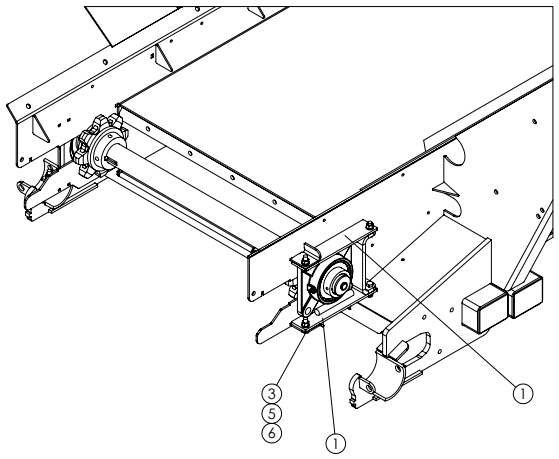


ITEM	PART NO.	DESCRIPTION	QTY
	97053	Shaft - Assy Idler 30" Conv. - Includes Items 7-10	
1	311359	Cylinder - Ram 1.5 X 8	2
	312938	Seal Kit - Press in Rod Wiper	N/A
	312939	Seal Kit - Press in Rod Wiper	N/A
2	89630	Pin - .75 X 2.75	2
3	20822	Pin - Cotter .156 X 1 ZN	2
4	311670	Plate - Cover	2
5	2696	Collar - Set 1" ID	2
6	82799	Shaft - 1.5 x 35.5 Idler	1
7	97051	Sprocket - 8 Tooth 1.5 Bore	2
8	2135	Key - Sq .313 x 2.5	2
9	22511	Bearing - 1.5" Take-Up	2

Conveyor

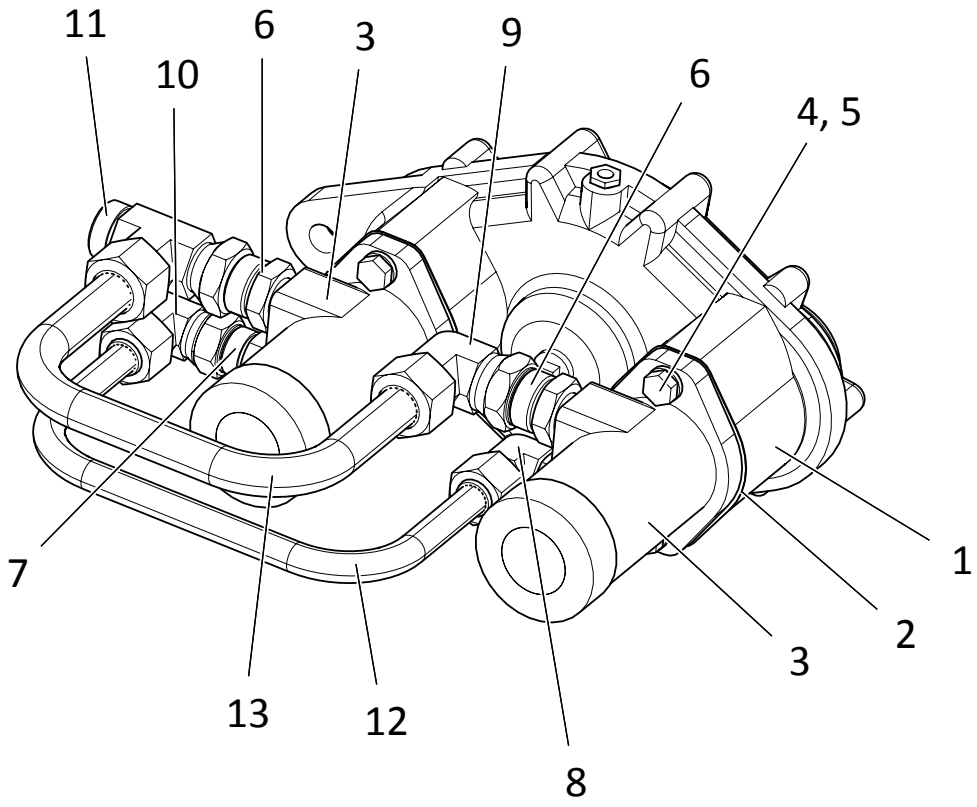
Conveyor Drive



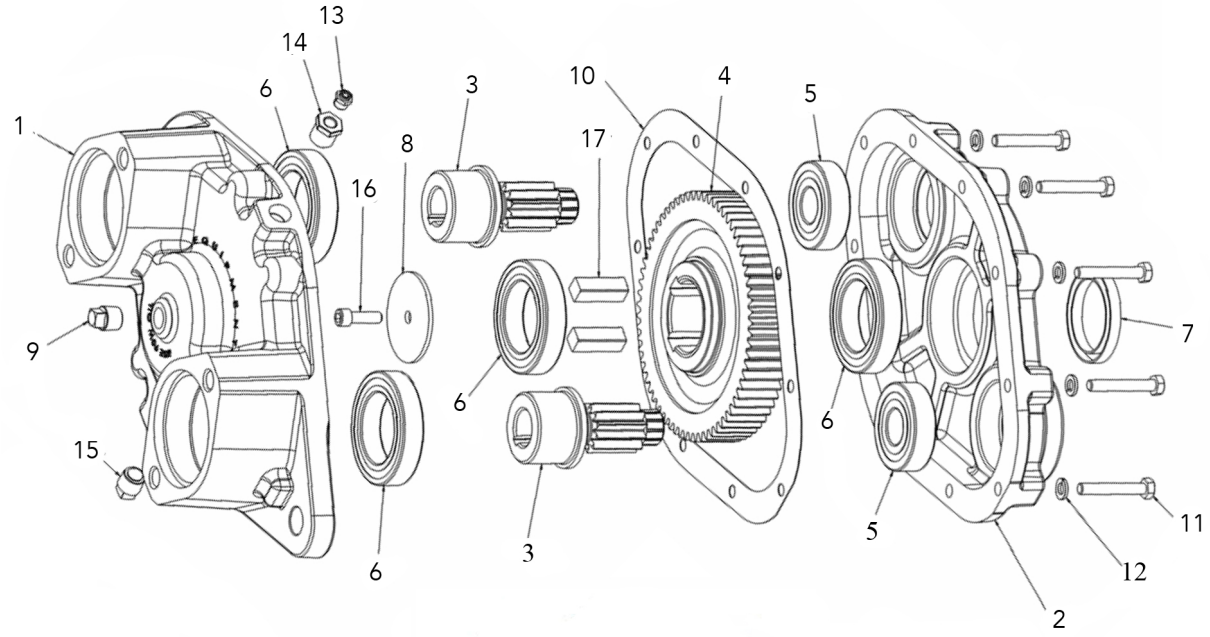


ITEM	PART NO.	DESCRIPTION	QTY
	97052	Shaft - Assy 30" Drive W/D667k - Includes Items 9-12	
1	82885	Guide - Wldmt Bearing 304	4
2	313231	Mount - Wldmt Torque LH 304	1
3	36399	Capscrew - .375-16NC X 1.25 SS	8
4	20128	Capscrew - .5-13NC X 1.25 GR5	2
5	36420	Washer - Lock .375 SS	8
6	36414	Nut - Hex .375-16NC SS	8
7	20680	Nut - Lock .5-13NC ZN	2
8	20833	Pin - Cotter .25 X 1.5 ZN	1
9	310606	Shaft - Drive 2 X 39.359	1
10	88276	Sprocket - 8 Tooth 2" Bore	2
11	6465	Bearing - 4Bf 2" Bore	2
12	6131	Key - Sq .375 X 2.5	2

Conveyor
Gearcase Assembly



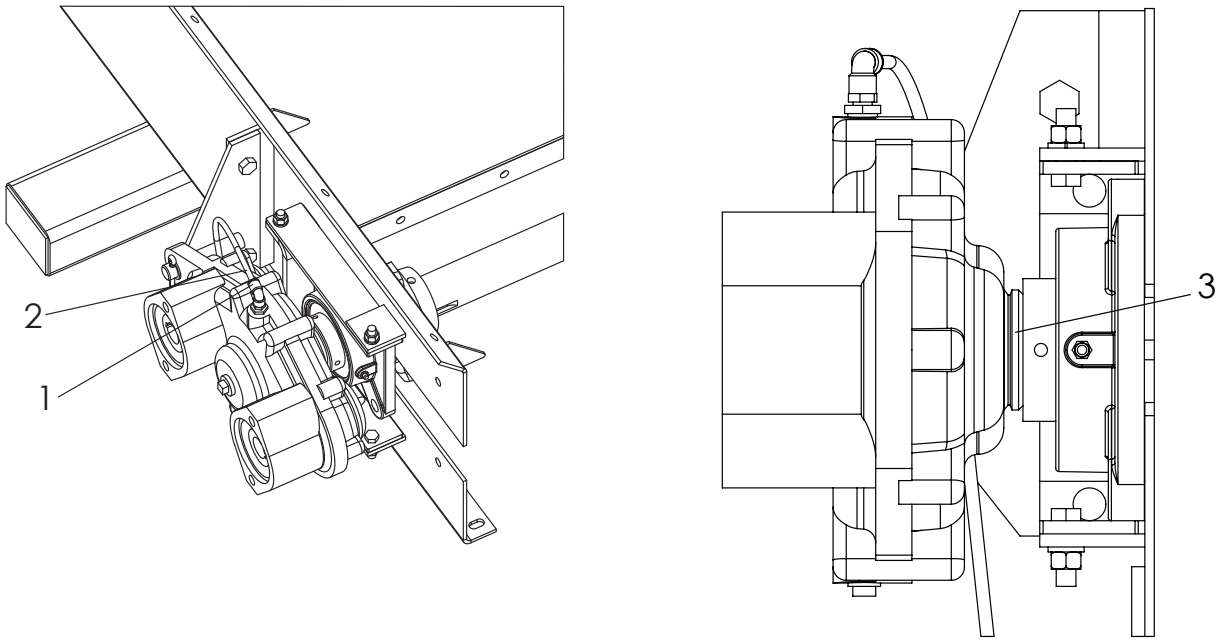
ITEM	PART NO.	DESCRIPTION	QTY
1	37985	Gearcase - Assy Dual Pinion 6:1	1
2	74524	Gasket - SAE 101-2 (B)	2
3	55970	Motor - Hydraulic 14.1 CID 1-1/4"	2
4	20714	Washer - Lock 1/2	4
5	20129	Cap Screw - 1/2-13NC x 1-1/2	4
6	313460	FItting - 16-10 520120	2
7	313459	Fitting - 12-10 520120	1
8	313458	Fitting - 12-10 520220	1
9	313461	Fitting - 16-16 520221	1
10	313462	Fitting - 12-12-12 520433	1
11	313463	Fitting - 16-16-16 520432	1
12	313318	Tube - Assy 304	1
13	313319	Tube - Assy 304	1



ITEM	PART NO.	DESCRIPTION	QTY
	37985	Gearcase - Assy Dual Pinion 6:1	1
1	304557	Housing – Outboard	1
2	304558	Housing – Inboard	1
3	304561	Gear – Pinion 11 Tooth	2
4	304562	Gear – Driven 67 Tooth	1
5	37007	Bearing	2
6	37008	Bearing	4
7	37006	Seal – Oil	1
8	38979	Washer – Flat 2-1/2 x 11/32	1
9	6031	Plug – Pipe	1
10	304564	Gasket – Housing	1
11	20040	Cap Screw – 5/16NC x 2	10
12	20711	Washer – Lock 5/16	10
13	2564	Cap – Breather	1
14	27465	Bushing – Pipe 1/8 x 3/8	1
15	21490	Plug – Pipe Magnetic	1
16	38980	Screw – Allen Head 5/16-18 x 1	1
17	37010	Key - 1/2 x 1/2 x 1-1/2	2

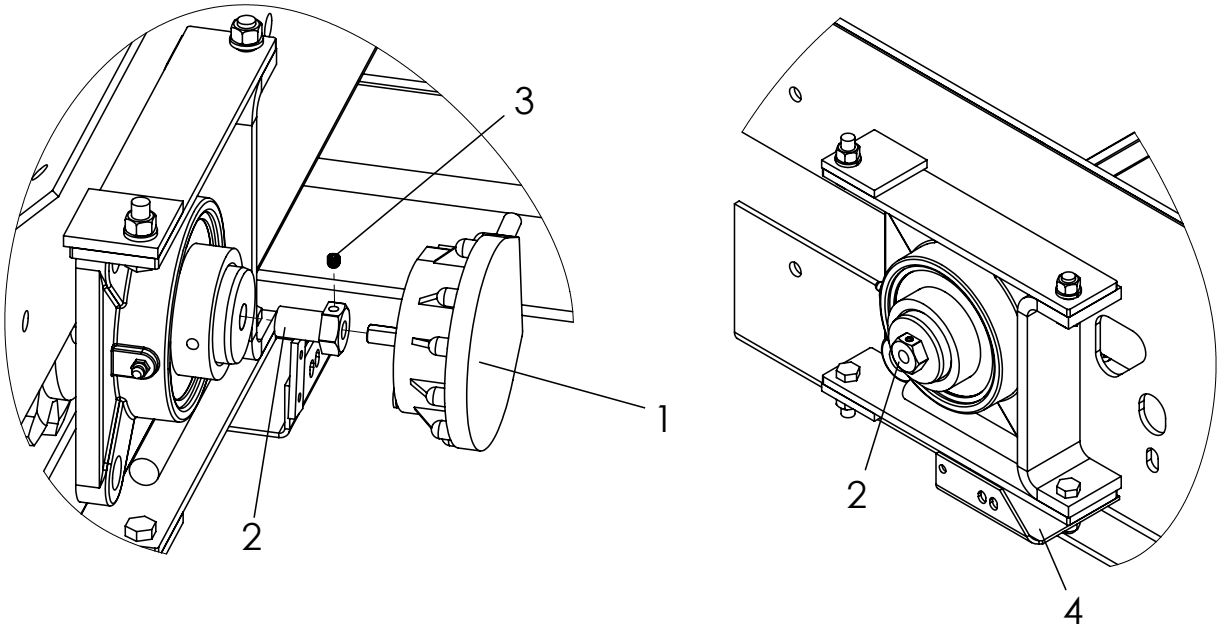
Conveyor

Gearcase Breather Tube



ITEM	PART NO.	DESCRIPTION	QTY
1	306891	Fitting - 4-2 630202K	1
2	9005-0-7761	Tubing - 1/4" OD Air Brake Black FT	1.5
3	311172	V-Ring Seal	1

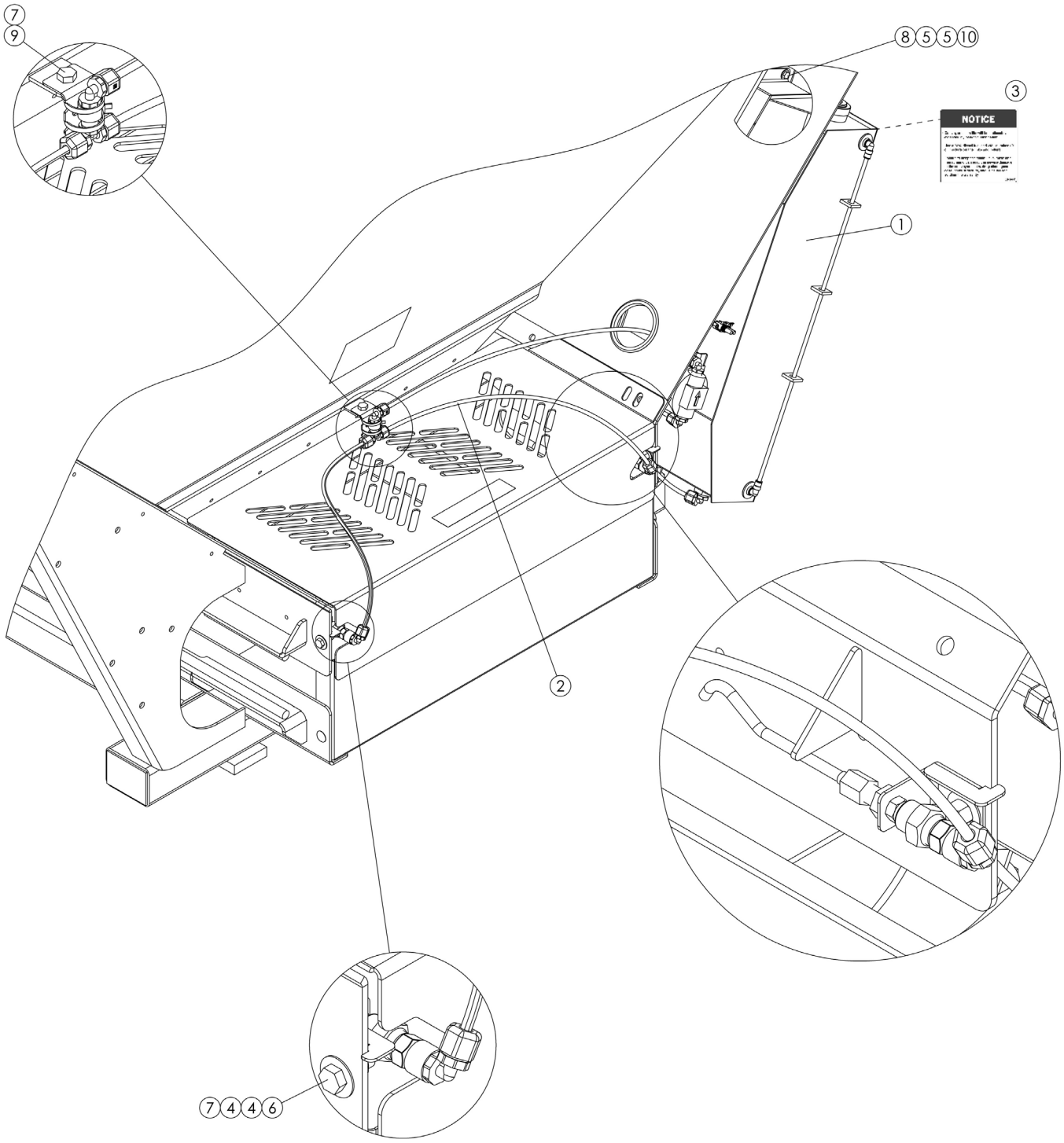
Conveyor
Encoder



ITEM	PART NO.	DESCRIPTION	QTY
1	303994	Encoder – 180 with Hardware	1
2	310601	Coupler - Rate Sensor SS	1
3	310603	Screw - Set 1/4-20NC x 5/16 SS	1
4	304946	Bracket - Sensor, Drive Mount	1

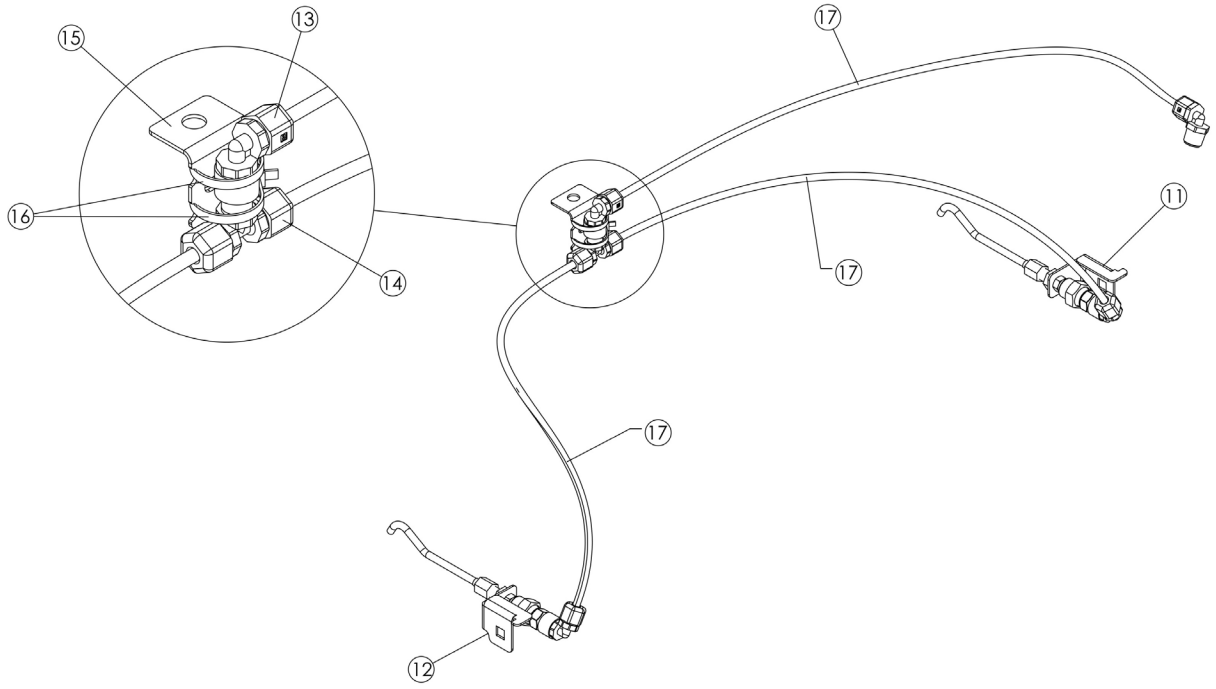
Conveyor

Conveyor Chain Oiler



Conveyor

Conveyor Chain Oiler Cont.

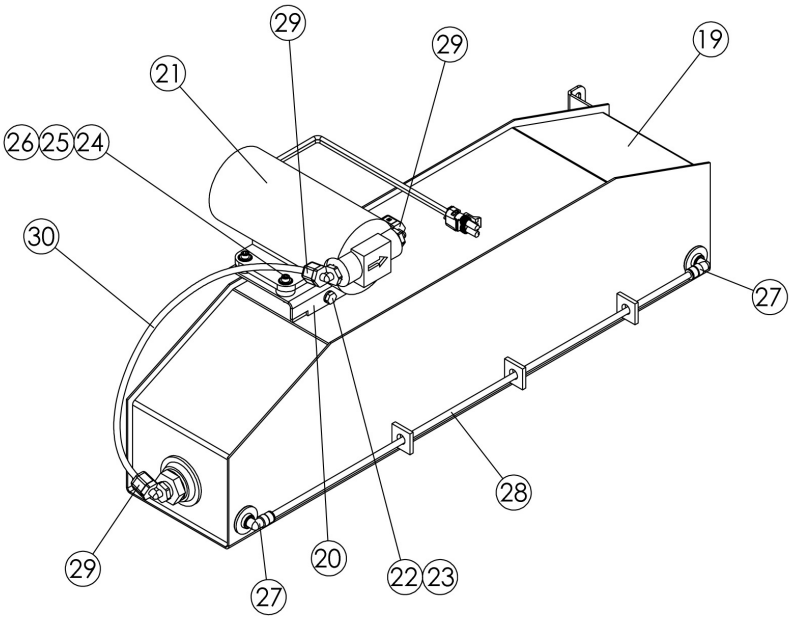


ITEM	PART NO.	DESCRIPTION	QTY
1	310760	Tank - Assy Chain Oiler 30"	1
2	314232	Nozzle - Assy Hose	1
3	21476	Decal - Notice Conv Chain Life	1
4	36425	Washer - Flat .375 SS	4
5	36423	Washer - Flat .25 SS	8
6	36398	Capscrew - .375-16NC X 1 SS	2
7	72054	Nut - Lock .375-16NC SS	3
8	36393	Capscrew - .25-20NC X .75 SS	4
9	36293	Capscrew - .375-16NC X .75 SS	1
10	42034	Nut - Lock .25-20NC SS	4
11	314019	Nozzle - Assy LH	1
12	314020	Nozzle - Assy RH	1
13	309904	Elbow - Hdpp .25NPTF X .25	1
14	309905	Tee - Hdpp .25NPT X .25 Tubing	1
15	306804	Bracket - Coupling 304	1
16	99674	Tie - Zip 8" Black	2
17	301338	Tube - .25OD X .062 Blk Nylon FT	5.33
18	*306670	Tape - Gas Yellow TFE	0.05

* Not Shown

Conveyor

Conveyor Chain Oiler Cont.



Conveyor

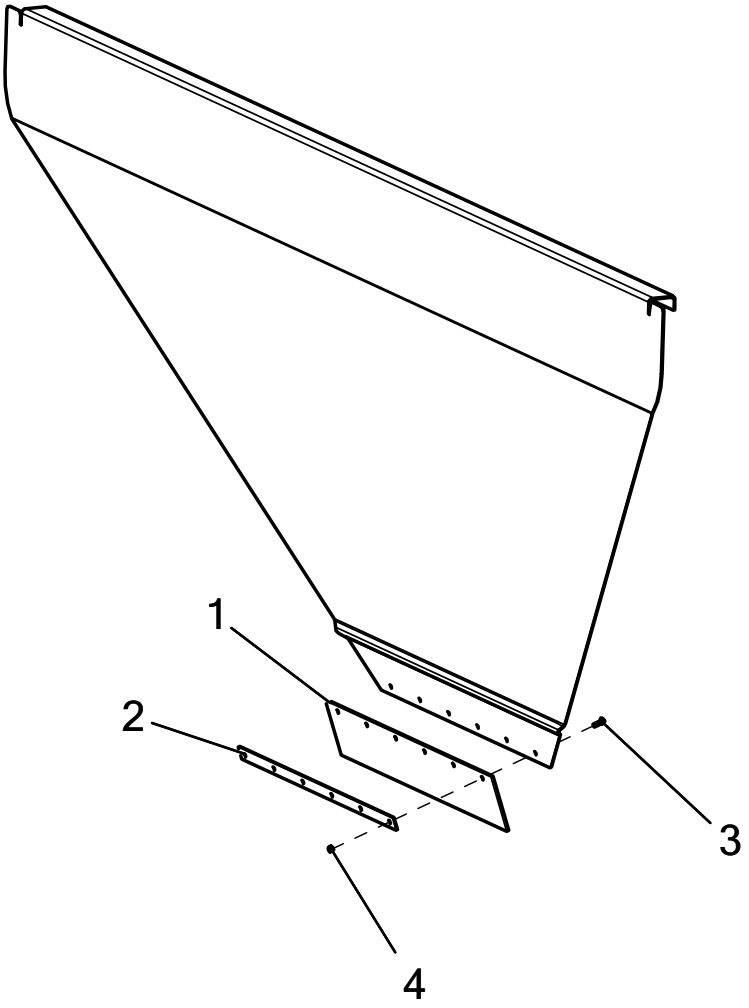
Conveyor Chain Oiler Cont.

ITEM	PART NO.	DESCRIPTION	QTY
19	304398	Tank - Wldmt Chain Oiler	1
20	304409	Mount - Pump	1
21	304390	Pump - Assy W/Connector	1
22	36393	Capscrew - .25-20NC X .75 SS	1
23	36418	Washer - Lock .25 SS	1
24	44454	Screw - Sockethead #10-24	4
25	171052	Washer - Flat #10 SS	8
26	56355	Nut - Lock #10-24NC SS	4
27	301337	Fitting - 90 Male 1/8 NPT	2
28	306437	Tube - .25OD X .18ID Clear FT	2.063
29	309902	Elbow - HDPP .375NPT X .25	3
30	301338	Tube - .25OD X .062 Blk Nylon FT	5.33
31	*306670	Tape - Gas Yellow TFE	0.05

* Not Shown

Conveyor

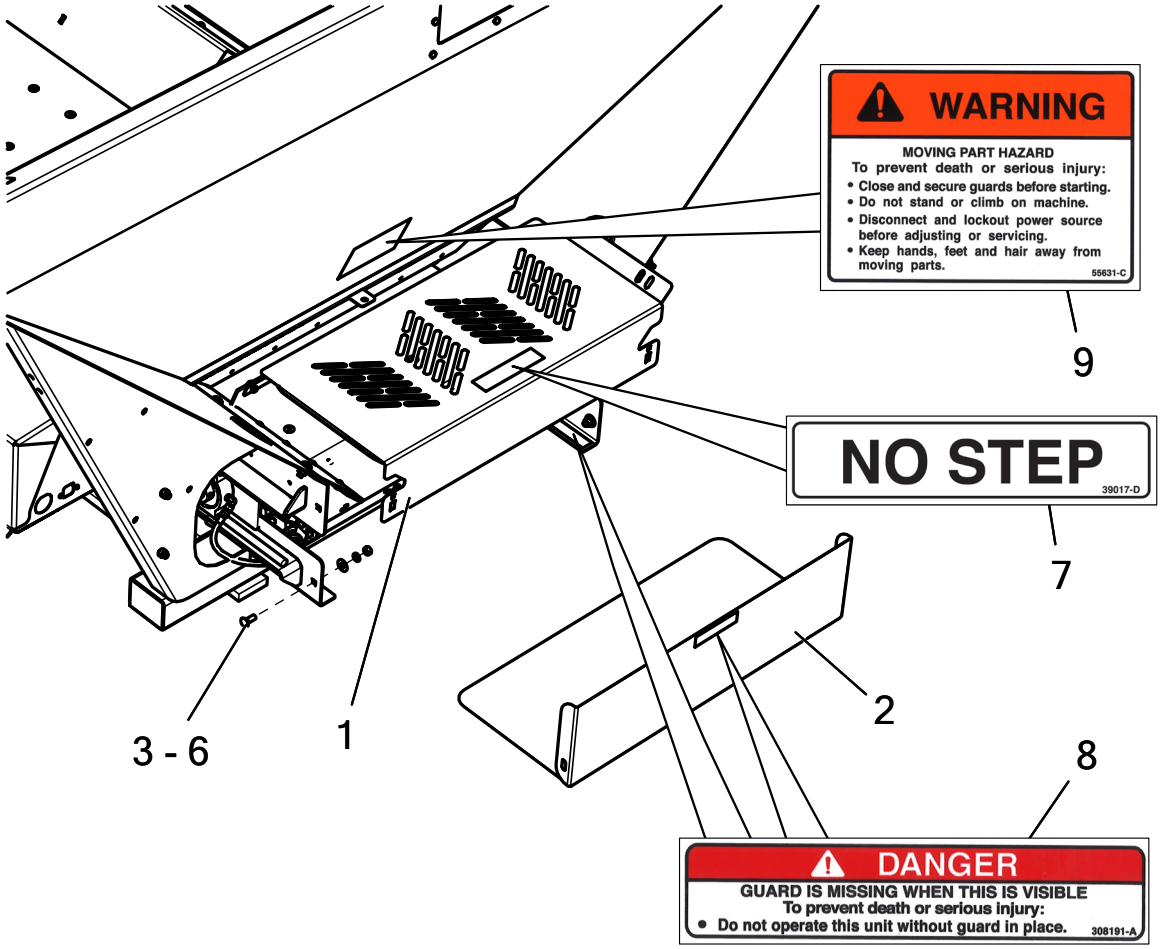
Wiper - Front



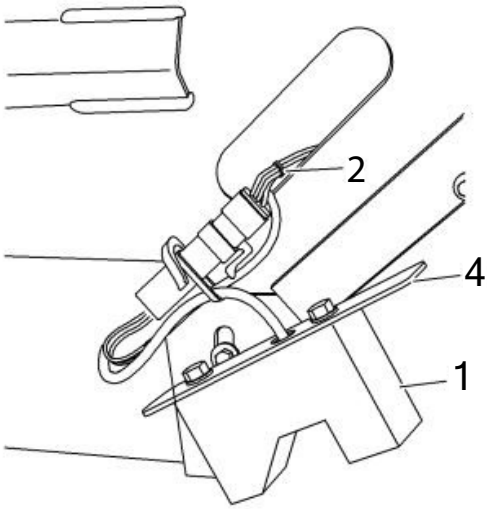
ITEM	PART NO.	DESCRIPTION	QTY
1	14743	Wiper – Belt	1
2	71656	Retainer – Belt 304	1
3	32446	Screw – TR HD 1/4 x 3/4	6
4	36412	Nut – Hex 1/4	6

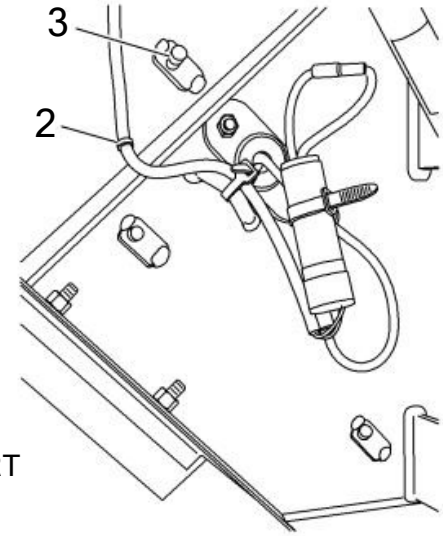
Conveyor

Front Conveyor Guard

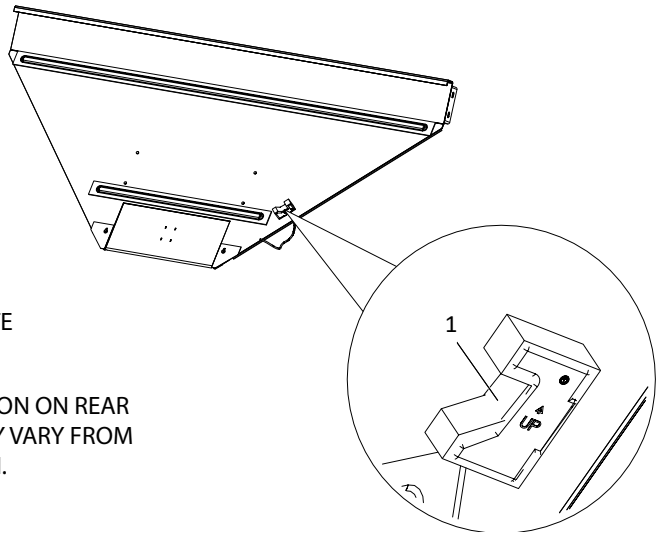


ITEM	PART NO.	DESCRIPTION	QTY
1	314316	Guard - Front Top, Includes Item 7	1
2	308860	Guard - Front Bottom, Includes Item 8	1
3	36408	Bolt - Carriage 3/8-16NC x 1 SS	2
4	36425	Washer - Flat 3/8 SS	2
5	36420	Washer - Lock 3/8 SS	2
6	36414	Nut - Hex 3/8-16NC SS	2
7	39017	Decal - No Step	1
8	308191	Decal - Danger, Guard is Missing	2
9	55631	Decal - Danger, Moving Part Hazard	1





BIN 1, WITH INSERT



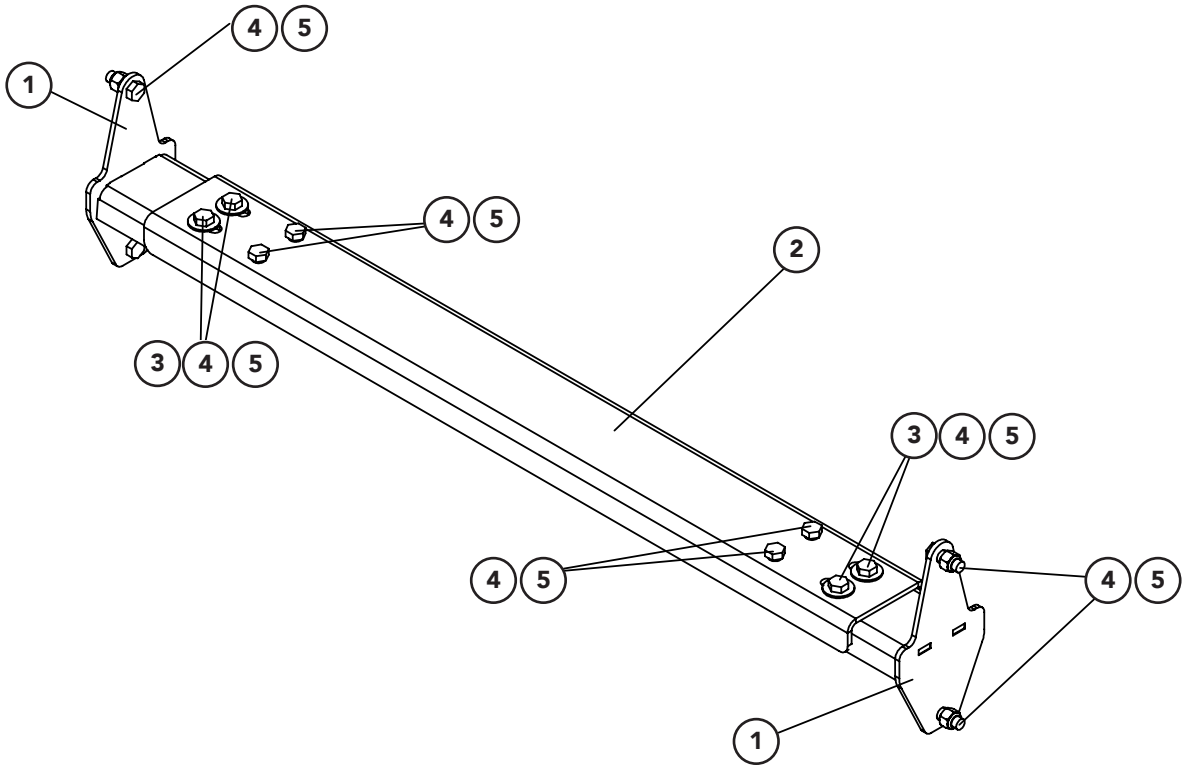
REAR ENDGATE

NOTE: LOCATION ON REAR ENDGATE MAY VARY FROM ILLUSTRATION.

ITEM	PART NO.	DESCRIPTION	QTY
1	98787-AB	Sensor - Bin Level w/ 18" Lead	AR
2	307130	Cable - Jumper 102"	AR
3	36393	Cap Screw - 1/4-20NC x 3/4 SS	AR
4	307124	Mount - Sensor 304	AR

* - Not Shown

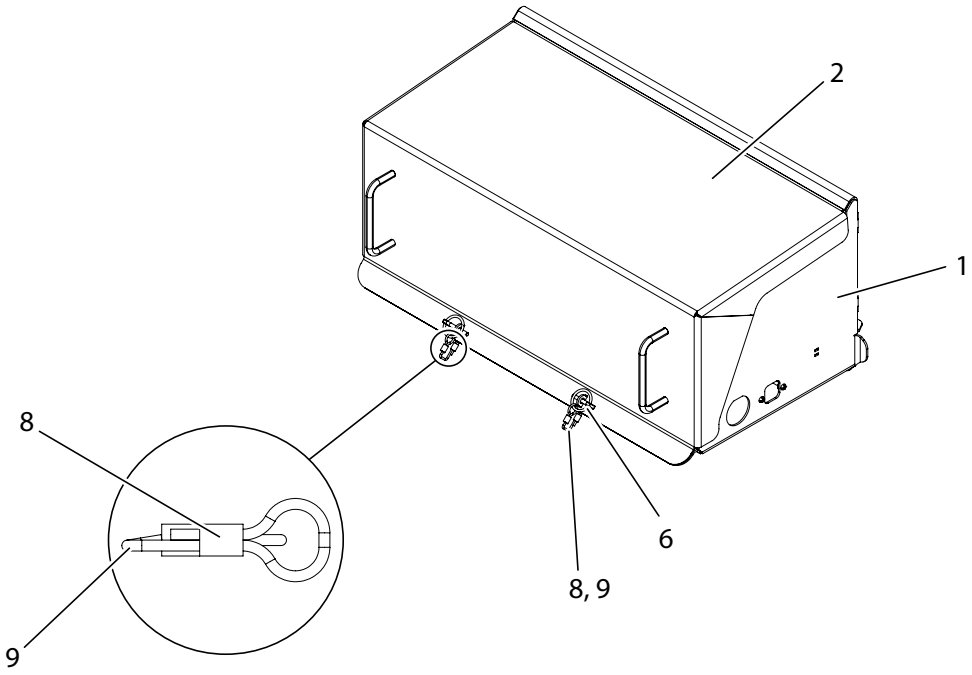
Electronics
Enclosure Assembly Mount

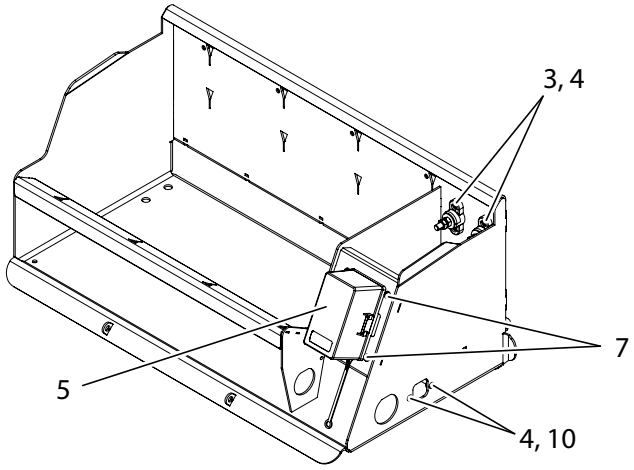


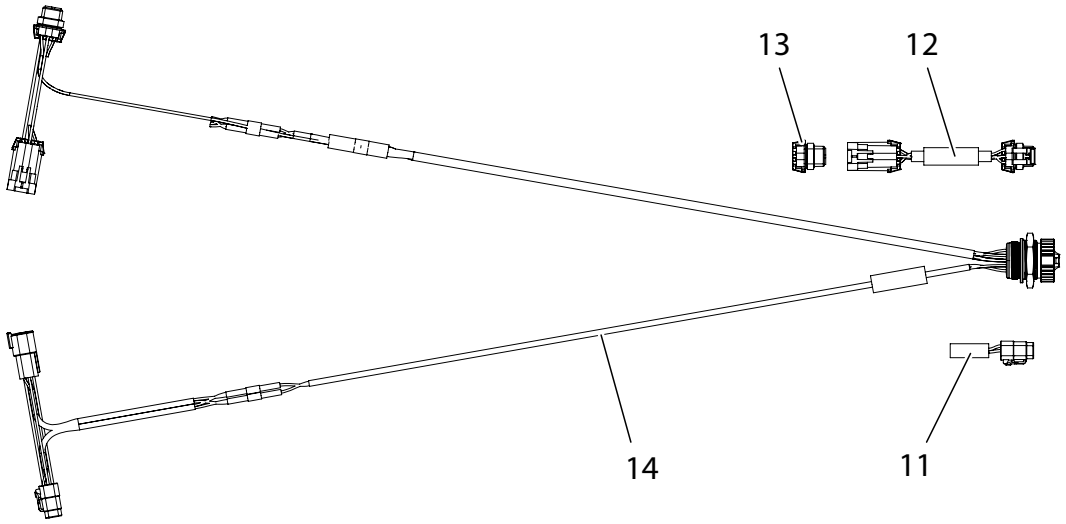
ITEM	PART NO.	DESCRIPTION	QTY
1	311850	Mount - Wldmt	2
2	310717	Channel - Mount	1
3	36425	Washer - Flat 3/8 SS	4
4	36398	Cap Screw - 3/8-16NC x 1 SS	12
5	72054	Nut - Lock 3/8-16NC SS	12

Electronics

Enclosure Assembly







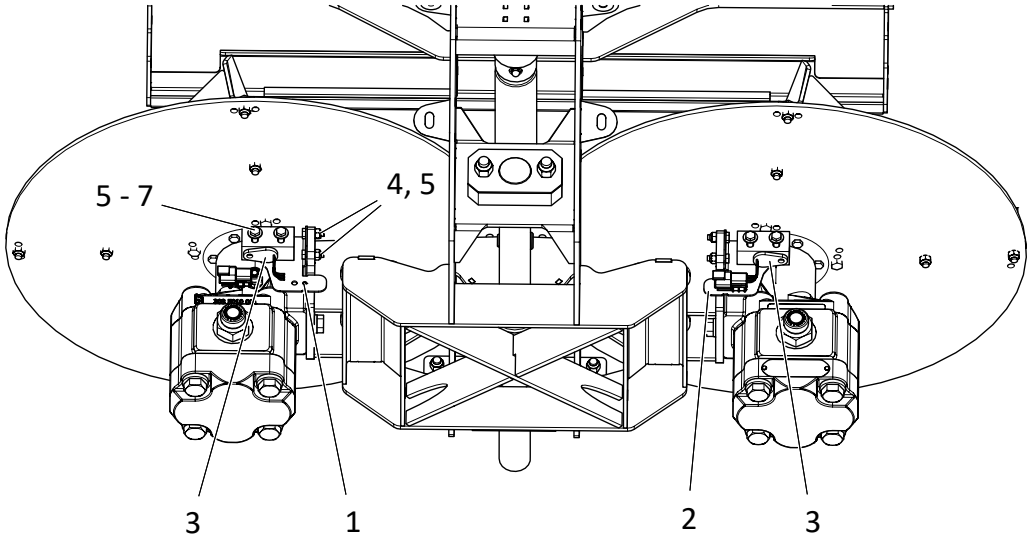
Electronics

Enclosure Assembly Cont.

ITEM	PART NO.	DESCRIPTION	QTY
	311841	Enclosure - Assy 304, Includes Items 1 - 15	1
1	310722	Enclosure - Weldment Controller 304	1
2	310724	Cover - Weldment 304	1
3	310740	Post - Power Distribution	2
4	44483	Screw - Panhead #10-24 x 3/4 SS	6
5	310739	Harness - New Leader ECU Enclosure	1
6	310732	Pin - Lynch .188 x 1.25 SS	2
7	310733	Screw - Panhead #10-32 x 1/2 SS	4
8	308085	Ferrule - .185 x .734	4
9	311731	Cable - 12 Coated SS	2
10	56355	Nut - Lock #10-24 SS	2
11	311068	Plug - Terminating Local CAN	1
12	311070	Harness - ISOBUS Active Termination, Includes Item 14	1
13	311069	Circuit - Terminating Bias ISO CAN	1
14	312448	Harness - ISOBUS Diagnostic Tee	1
15	*99674	Tie-Zip 8” BLK	12
* - Not Shown			

Electronics

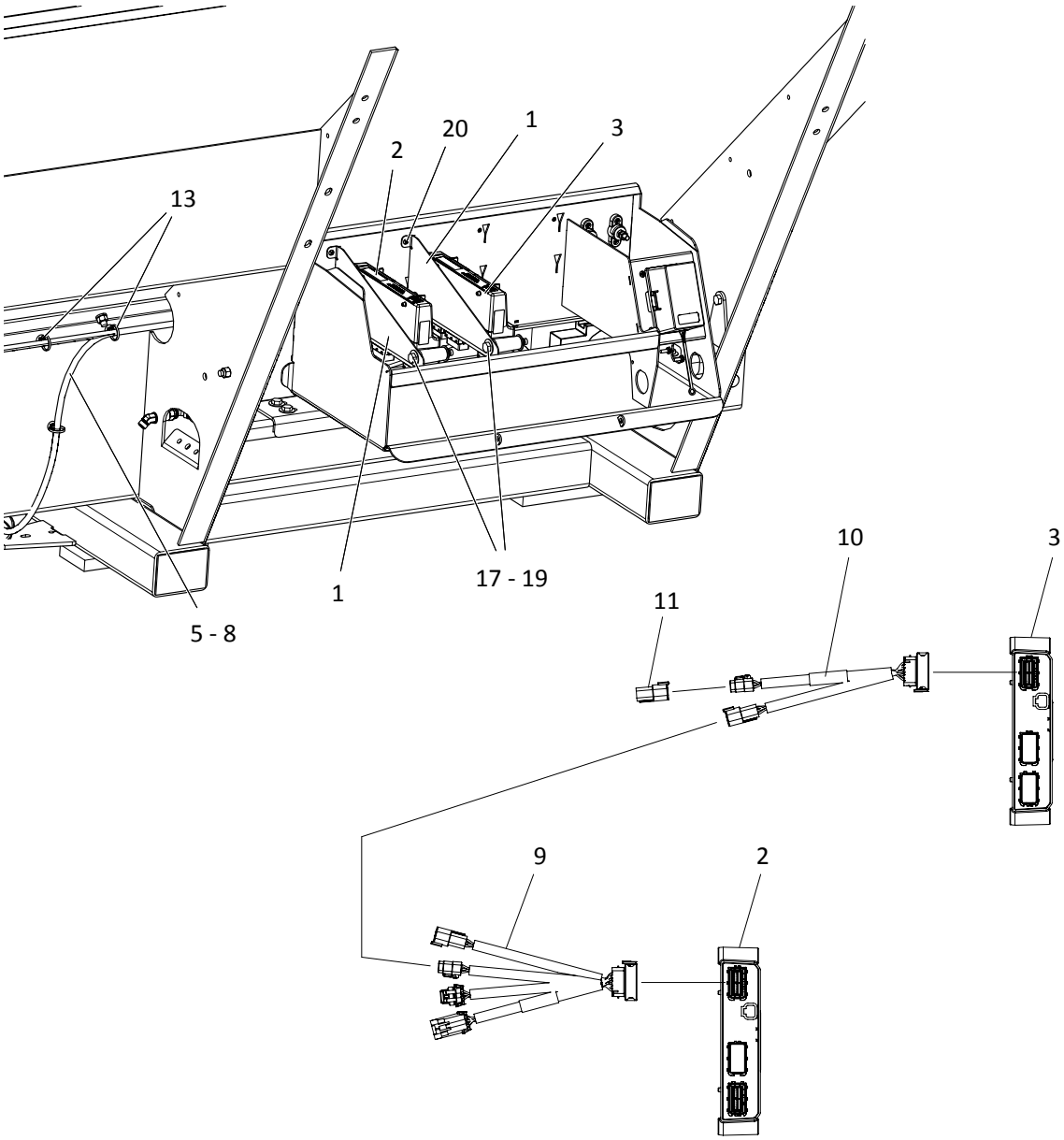
Spinner Speed Sensors



ITEM	PART NO.	DESCRIPTION	QTY
1	313432-AA	Bracket - Spinner Speed Sensor RH	1
2	313432-AB	Bracket - Spinner Speed Sensor LH	1
3	313971	Sensor - Assy w/ Block, Includes Items 3 & 4	2
4	36394	Cap Screw - 1/4-20NC x 7/8 SS	4
5	42034	Nut - Lock 1/4-20NC SS	8
6	42448	Cap Screw - 1/4-20NC x 1-1/2 SS	4
7	36423	Washer - Flat 1/4 SS	4

Electronics

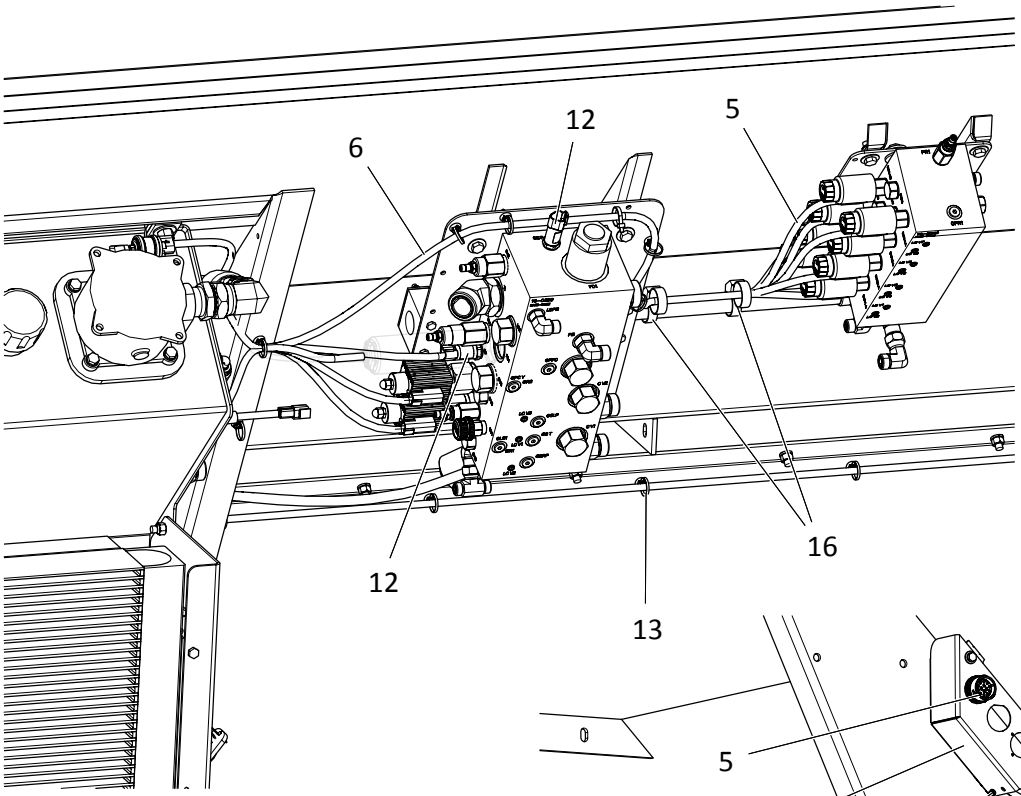
Controller - Main Bin

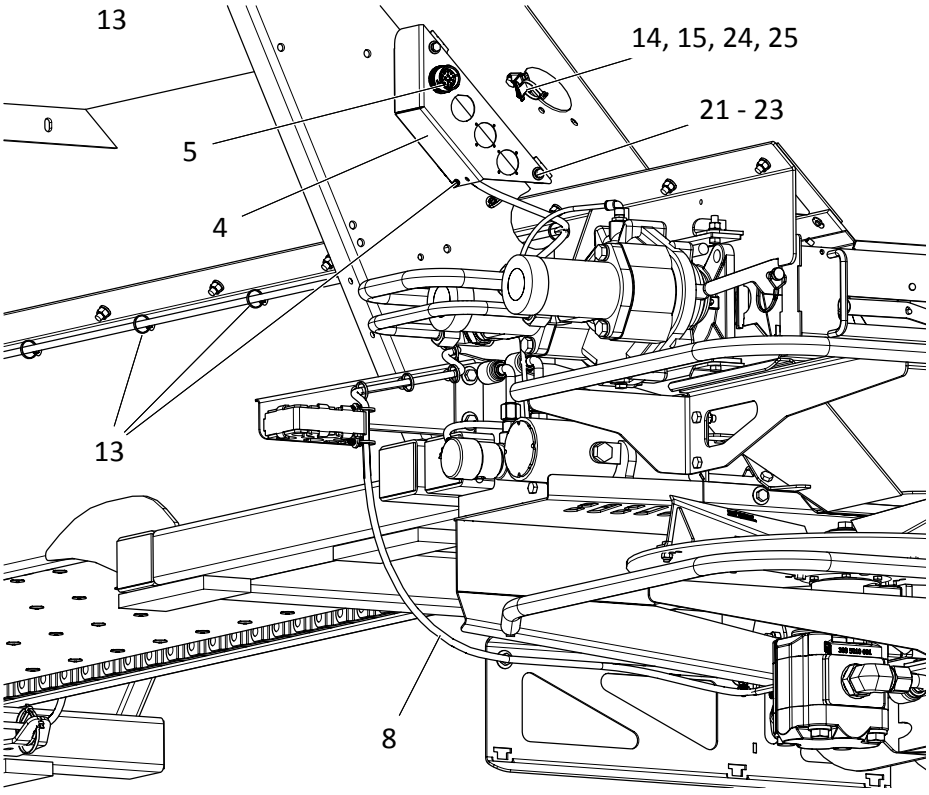


ITEM	PART NO.	DESCRIPTION	QTY
1	310718	Bracket - Module 304	2
2	310734	Module - Master Control	1
3	313689	Module - Swath Control	1
4	313947	Bulkhead - Wldmt Harness Bracket	1
5	315932	Harness - Channel Control Master	1
6	313693	Harness - Hydraulics Monitoring	1
7	315933	Harness - Swath Fan Frame Actuator Control	1

Electronics

Controller - Main Bin Cont.





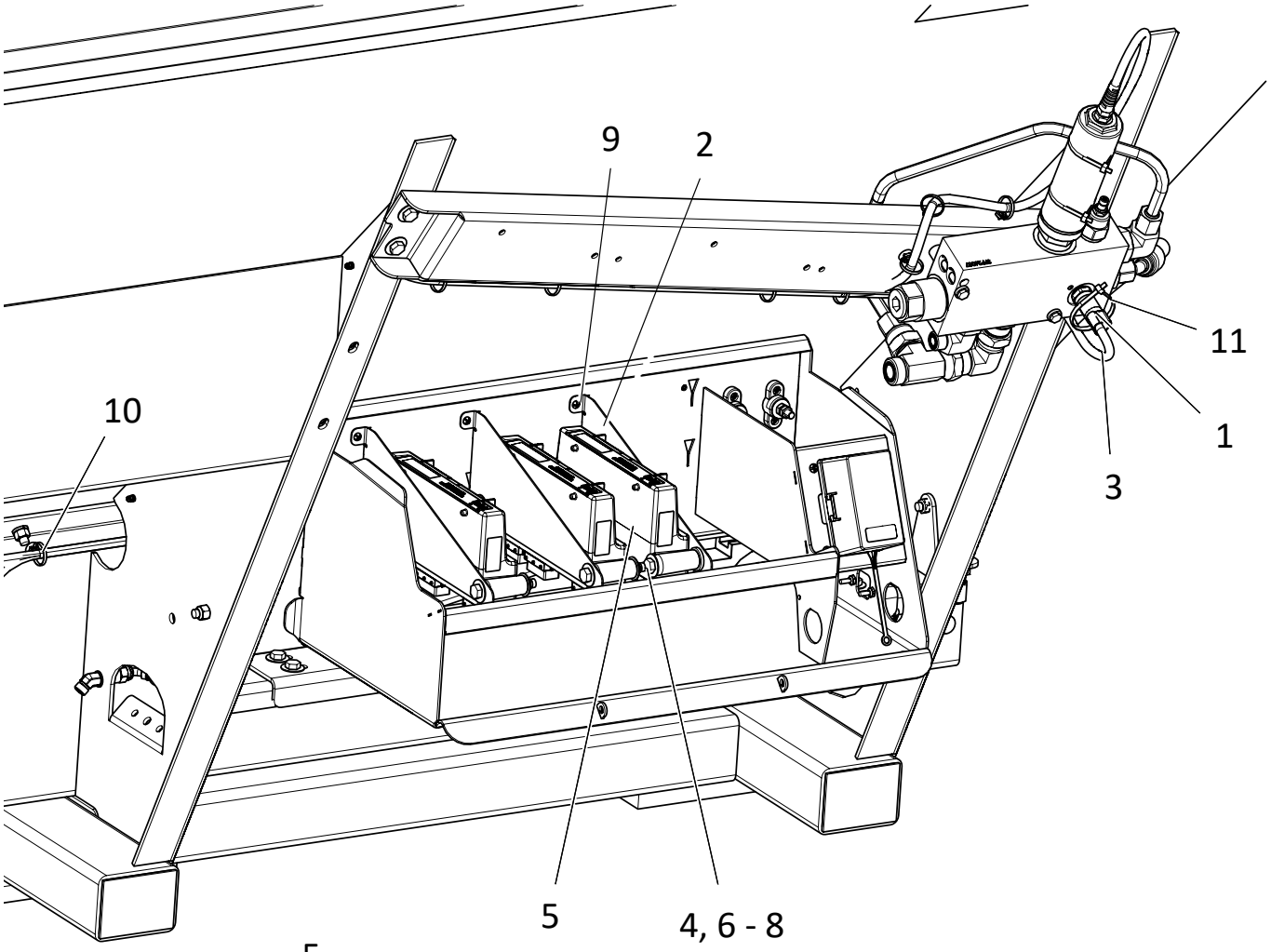
Electronics

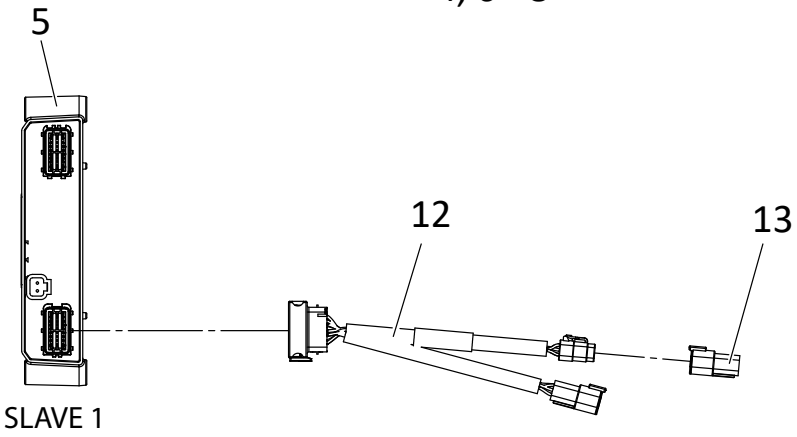
Controller - Main Bin Cont.

ITEM	PART NO.	DESCRIPTION	QTY
8	315934	Harness - Swath Spinner Control	1
9	310754	Harness - ISOBUS Breakout Type 1	1
10	311060	Harness - Local CAN Breakout Type 1	1
11	311067	Receptacle - Terminating Local CAN	1
12	311074	Transducer - Pressure	2
13	311806	Tie - Wire Fir Tree	67
14	99674	Tie - Wire	23
15	312964	Clip - Harness Mounting	1
16	310648	Tie - Dual Clamp	6
17	36296	Cap Screw - 3/8-16NC x 2-3/4 SS	4
18	36425	Washer - Flat 3/8 SS	8
19	307395	Nut - Lock Thin 3/8-16NC SS	4
20	44483	Screw - Panhead PHLP #10-24NC x 3/4 SS	2
21	36423	Washer - Flat 1/4 SS	4
22	36418	Washer - Lock 1/4 SS	4
23	36393	Cap Screw - 1/4-20NC x 3/4 SS	4
24	34580	Cap Screw - 5/16-18NC x 1 SS	1
25	42221	Nut - Lock 5/16-18NC SS	1
26	*46168	Conduit - Flexible .5" Dia FT	10
27	*311176	Receptacle - Amp JPT 2 Pin	1
28	*311177	Receptacle - Deutsch DTM 2 Pin	1
29	*313691	Receptacle - Metripack 2 Pin	1
30	*316277	Harness - Adapter Metripack	1

Electronics

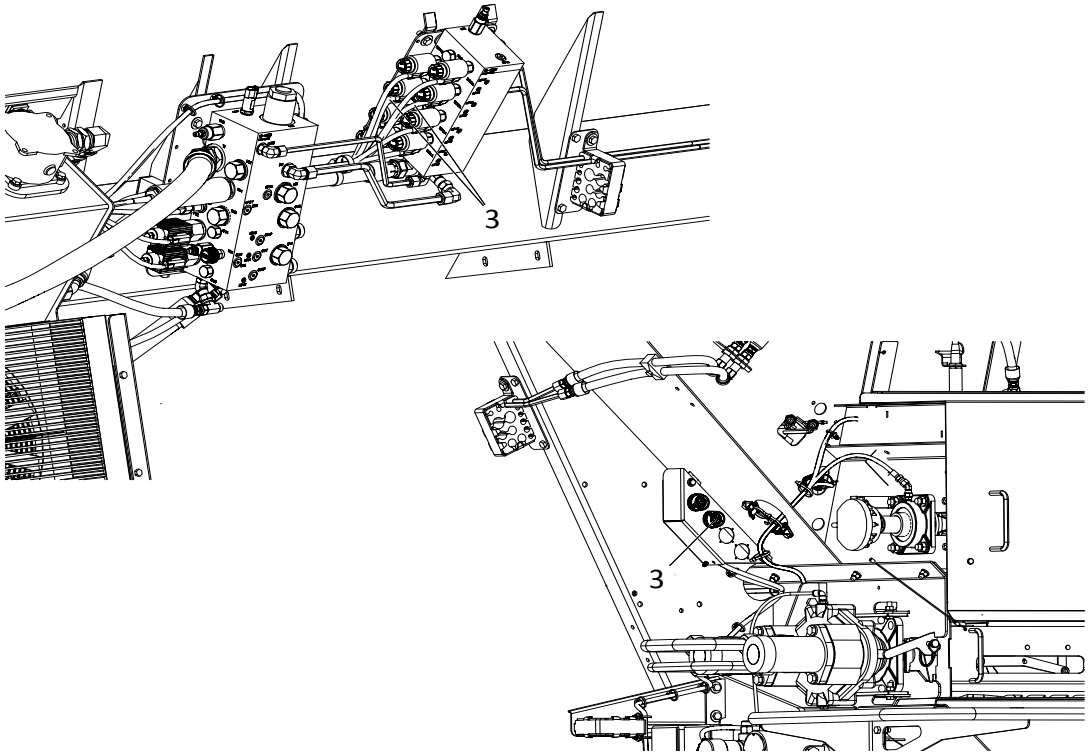
Controller - MultApplier





Electronics

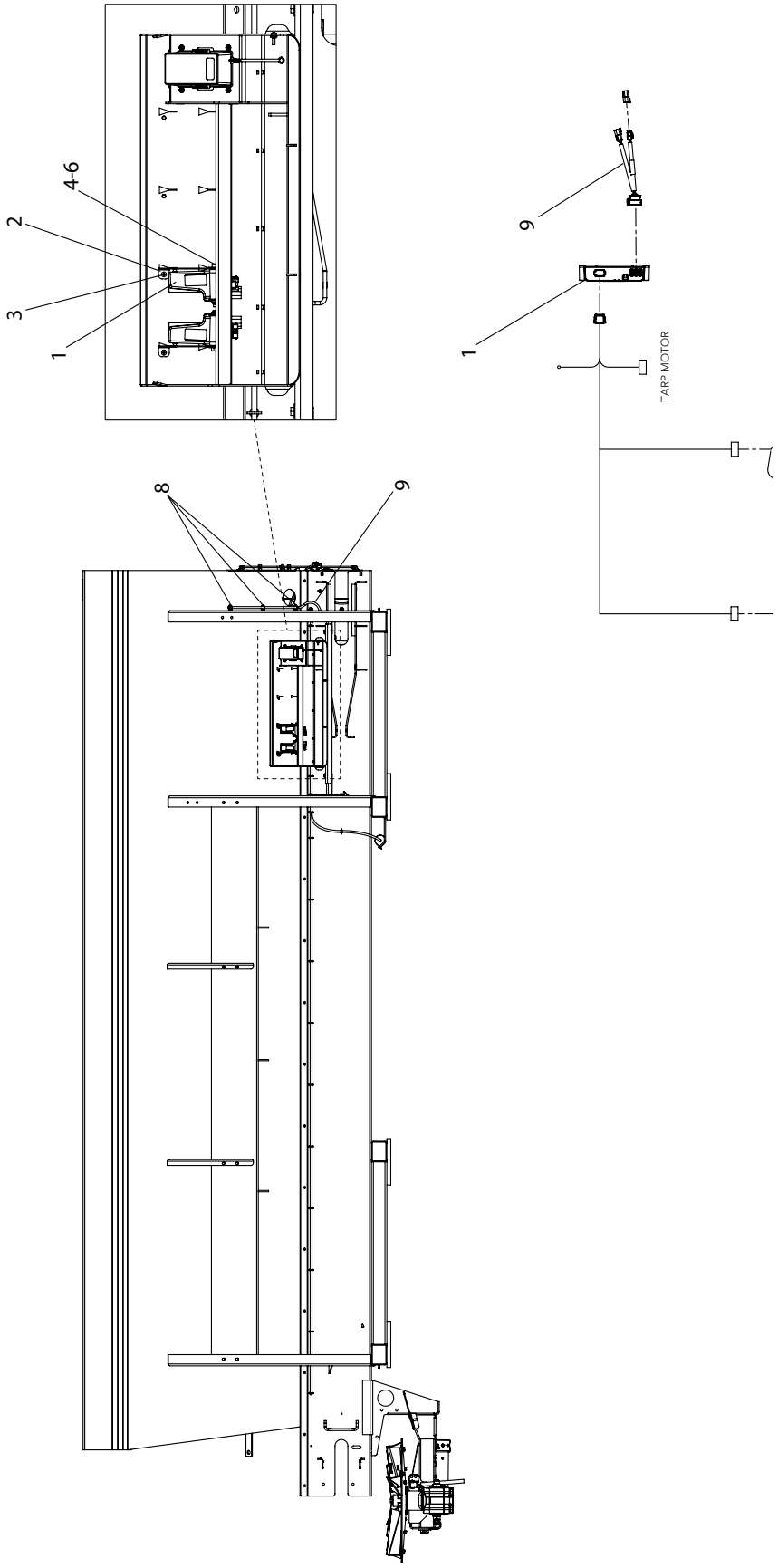
Controller - MultApplier Cont.



ITEM	PART NO.	DESCRIPTION	QTY
1	311074	Transducer - Pressure	1
2	310718	Bracket - Module 304	1
3	316135	Harness - Bin 2 Channel Control	1
4	313975	Spacer - 10ga 304	2
5	310735	Module - Slave Control	1
6	36425	Washer - Flat 3/8 SS	4
7	36296	Cap Screw - 3/8-16NC x 2-3/4 SS	2
8	307395	Nut - Lock Thin 3/8-16NC SS	2
9	44483	Screw - Panhead PHLP #10-24NC x 3/4 SS	1
10	311806	Tie - Wire Fir Tree	12
11	99674	Tie - Wire	3
12	311060	Harness - Local CAN Breakout Type I	1
13	311067	Receptacle - Terminating Local CAN	AR

AR - As Required

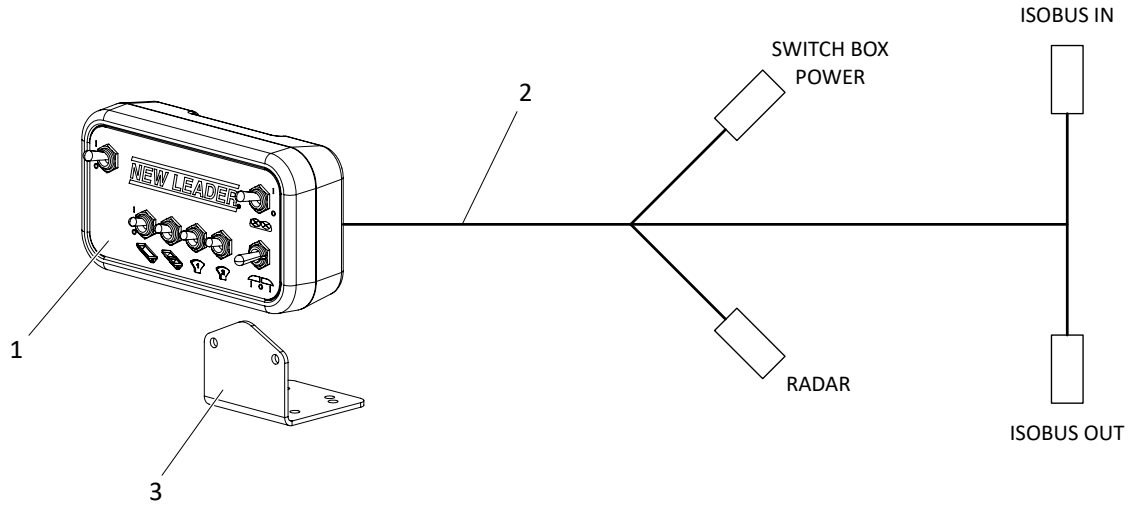
NOTE: See "Controller - Main Bin" on previous pages for Bin 1 controller components.


4-6
2
3
1
9
1
TARP MOTOR
8
9

Electronics

Body Module Cont.

ITEM	PART NO.	DESCRIPTION	QTY
1	310736	Module - Body Control	1
2	310718	Bracket - Module 304	1
3	44483	Screw - Panhead Phlp #10	1
4	36296	Capscrew - 3/8-16NC x 2-3/4 SS	2
5	36425	Washer - Flat 3/8 SS	4
6	307395	Nut - Lock 3/8-16NC SS	2
7	311060	Harness - Local CAN Breakout Type I	1
8	311806	Tie - Wire Fir Tree	3
9	312701	Cable - Body Control	1

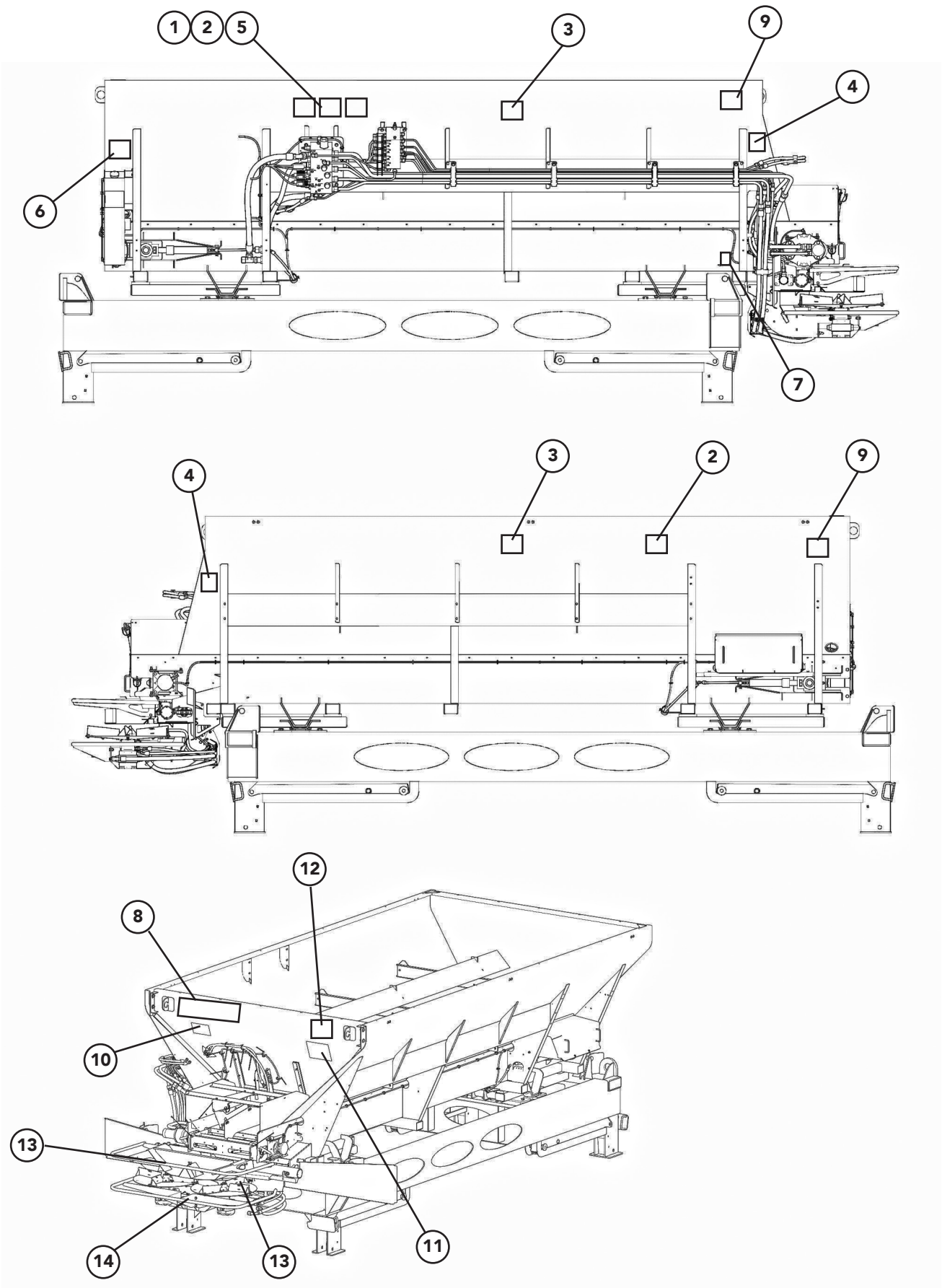


ITEM	PART NO.	DESCRIPTION	QTY
1	310742	Switch Box - NL G5	1
2	310743	Harness - ISO AUX Console	1
3	313884	Mount - Switch Box	1
4	*314488	Harness - Extension	1
5	*313581	Hardware - Kit Switch Box	1
6	**314222	Harness - Power WP	AR

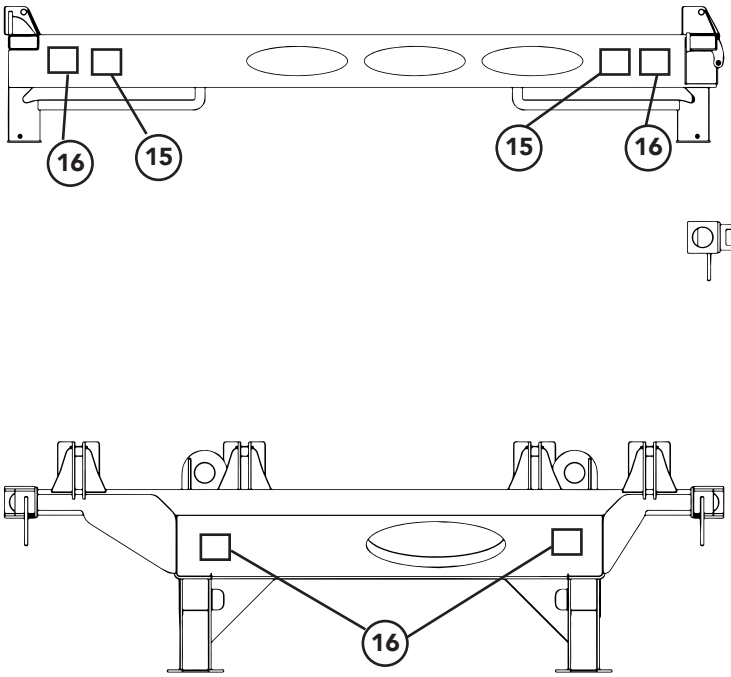
* - Not Shown.

** - Harness required depends on tractor used with implement. Contact your New Leader parts dealer for details.

This page is intentionally left blank.


1
2
5
3
9
4
6
7
4
3
2
9
12
8
10
13
14
13
11

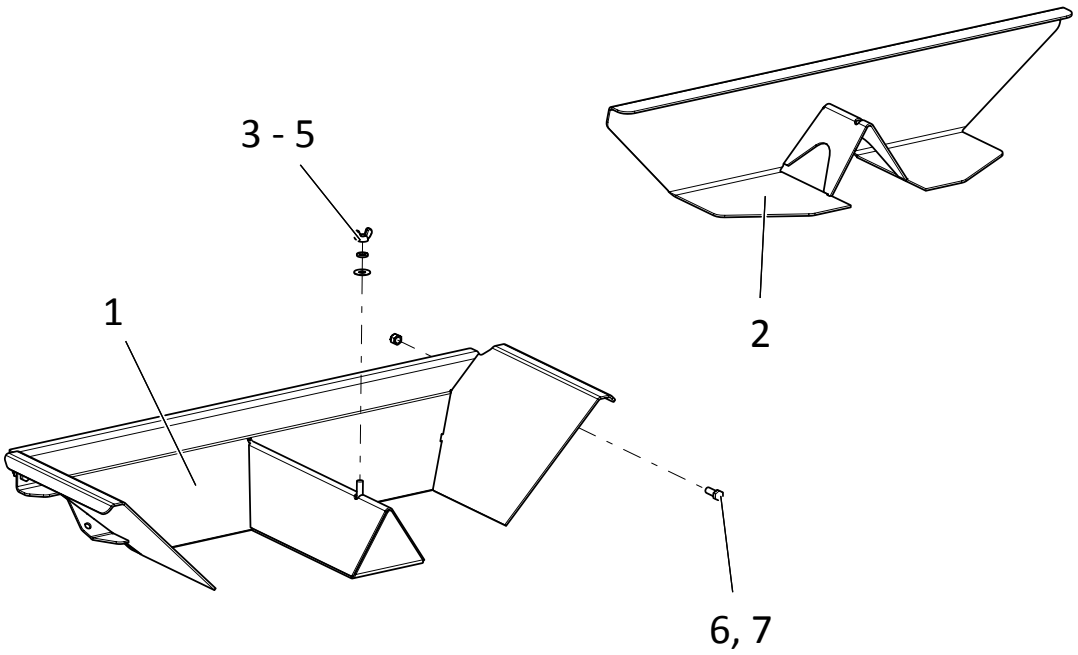
Decals Cont.



ITEM	PART NO.	DESCRIPTION	QTY
1	321	Decal - Caution Hazard Matl	1
2	364	Decal - Danger Moving Part	2
3	39138	Decal - Warning High Pressure	2
4	55241	Decal - Danger Pinch Point	2
5	150034	Decal - Caution Oper & Maint	1
6	302601	Decal - Us Patent No 6,817,551	1
7	311828	Decal - Chain Tension	2
8	312561	Decal - New Leader Black	1
9	313520	Decal - G5	2
10	312276	Decal - Notice Spread Pattern	1
11	368	Decal - Flying Material	1
12	314260	Decal - Nl5000 Black	1
13	315639	Decal - Danger Pinch Point Hazard	2
14	315640	Decal - Warning Falling Hazard	1
15	308194	Decal - Danger Crush Hazard	6
16	308195	Decal - Danger Crush Hazard	6

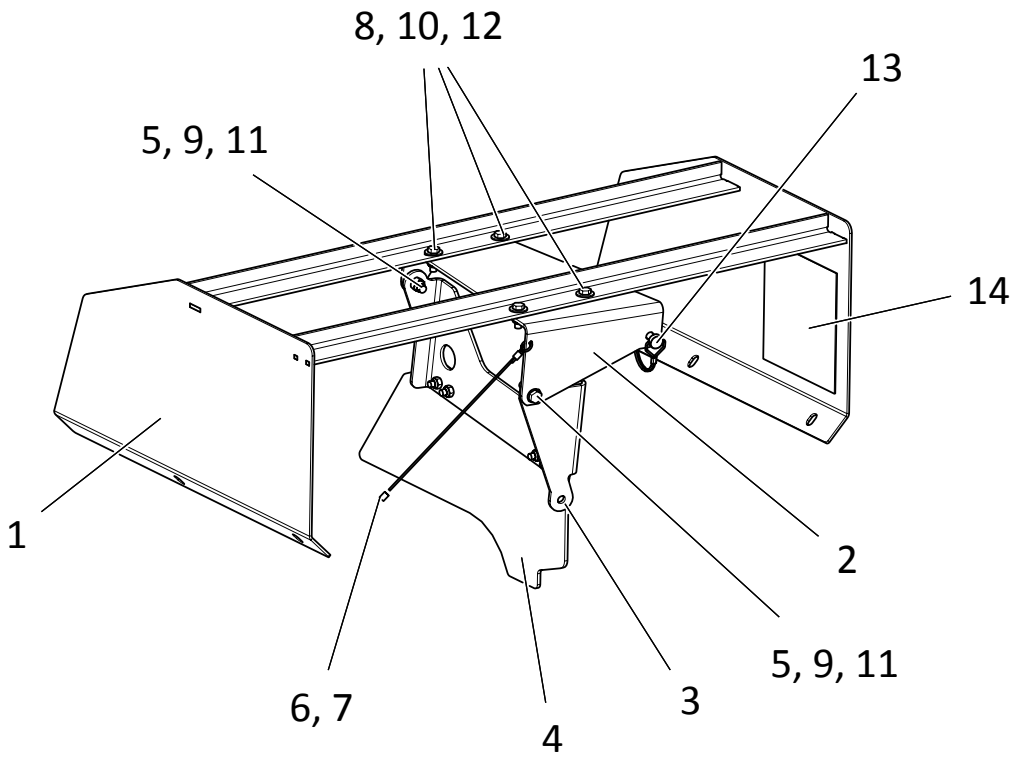
NOTE: See Safety Section of Operator's Manual for Details.

Material Divider



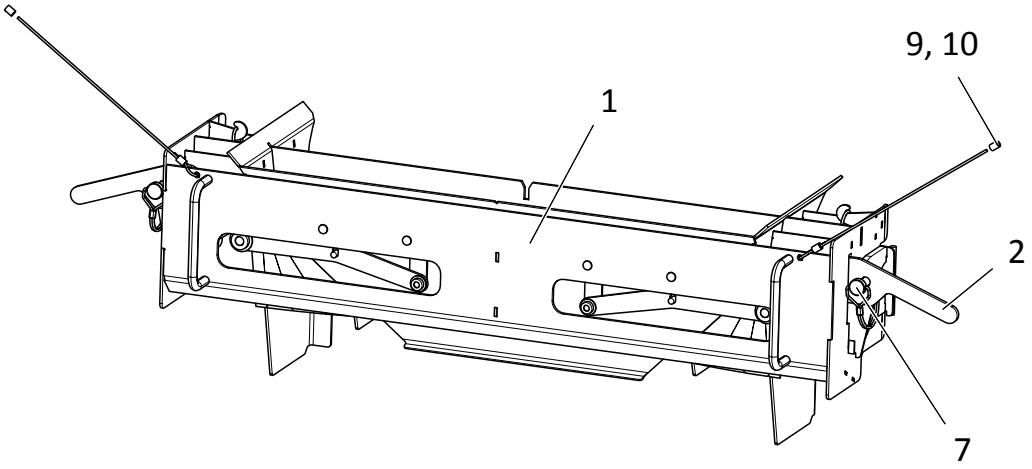
ITEM	PART NO.	DESCRIPTION	QTY
	313154	Divider – Material Assy 304	1
1	313155	Divider – Wldmt 304	1
2	313159	Deflector – Rear Wldmt 304	1
3	36425	Washer – Flat 3/8 SS	1
4	36420	Washer – Lock 3/8 SS	1
5	20673	Nut – Wing 3/8-16NC SS	1
6	36398	Cap Screw – 3/8-16NC x 1 SS	4
7	36425	Washer - Flat 3/8 SS	4

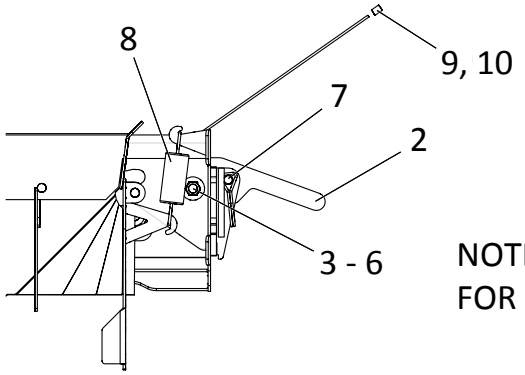
Hillside Divider



ITEM	PART NO.	DESCRIPTION	QTY
	313508	Divider - Hillside Assy 304	1
1	311721	Support - Wldmt	1
2	311725	Bracket - Upper	1
3	311728	Bracket - Lower	1
4	313509	Panel - Divider	1
5	311730	Bushing - Pivot	2
6	311731	Cable 12" Coated SS	1
7	308085	Ferrule	2
8	34580	Cap Screw - 5/16-18NC x 1 SS	8
9	36399	Cap Screw - 3/8-16NC x 1-1/4 SS	2
10	42221	Nut - Lock 5/16-18NC SS	8
11	72054	Nut - Lock 3/8-16NC SS	2
12	36424	Washer - Flat 5/16 SS	8
13	311732	Pin - Lock	1
14	55241	Decal - Danger, Pinch Point Hazard	1

Vane Assembly

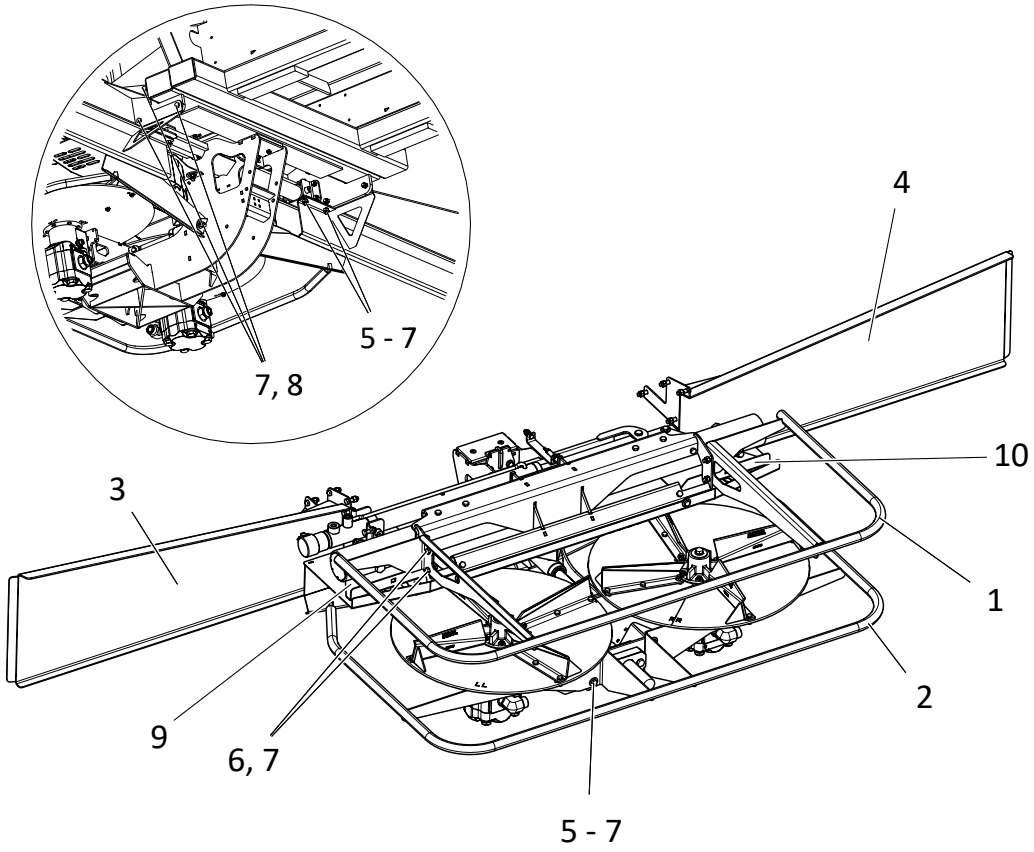




NOTE: COMPONENTS HIDDEN FOR CLARITY

ITEM	PART NO.	DESCRIPTION	QTY
	313267	Vane - Assy 304	
1	316060	Vane - Wldmt 304	1
2	313315	Handle - 304	2
3	36425	Washer - Flat 3/8 SS	2
4	311730	Bushing - Pivot 304	2
5	36398	Cap Screw - 3/8-16NC x 1 SS	2
6	72054	Nut - Lock 3/8-16NC SS	2
7	311732	Pin - Lock	2
8	314311	Spring - SS	2
9	311731	Cable - 12" Coated SS	2
10	308085	Ferrule	4

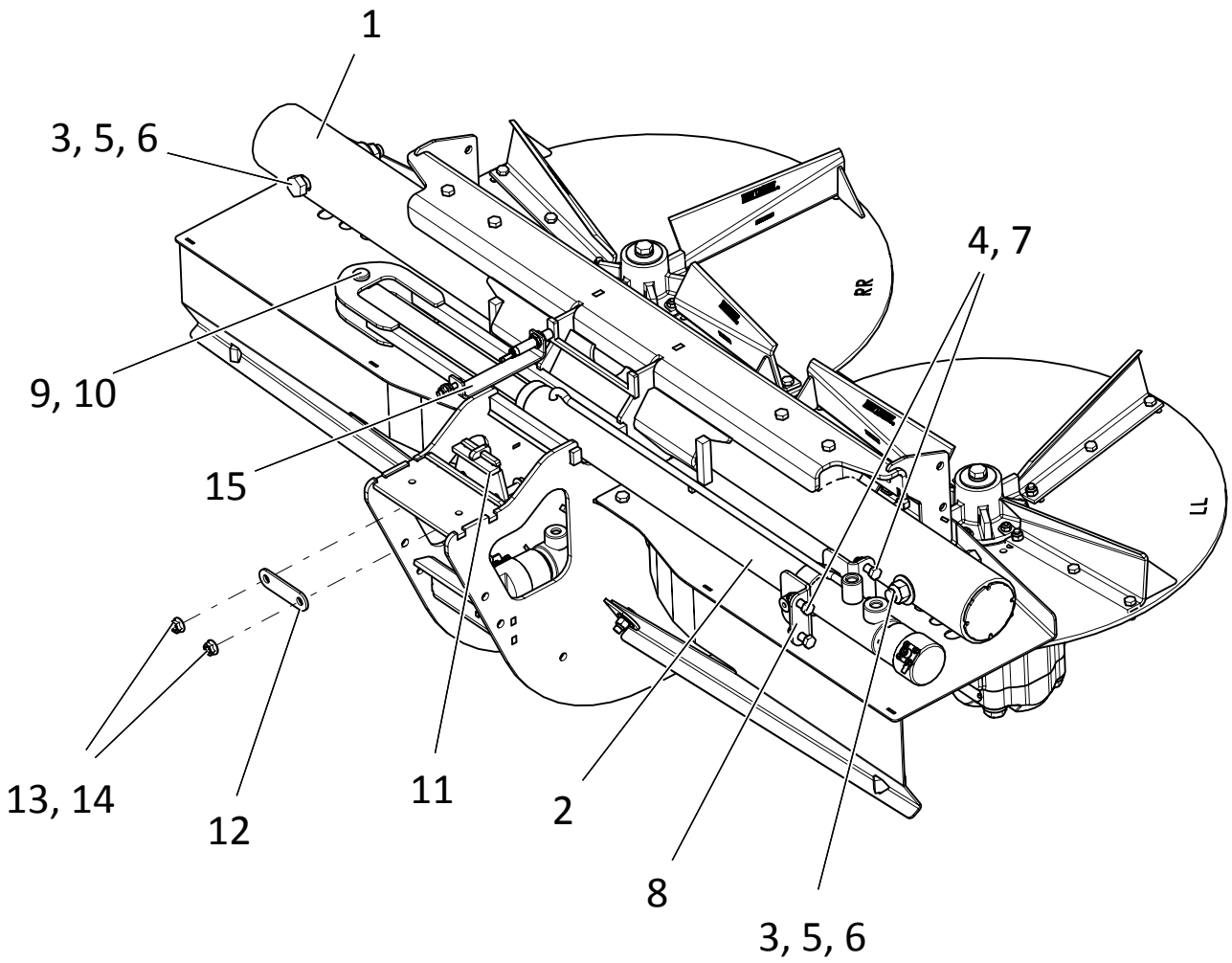
Spinner Guards & Deflectors

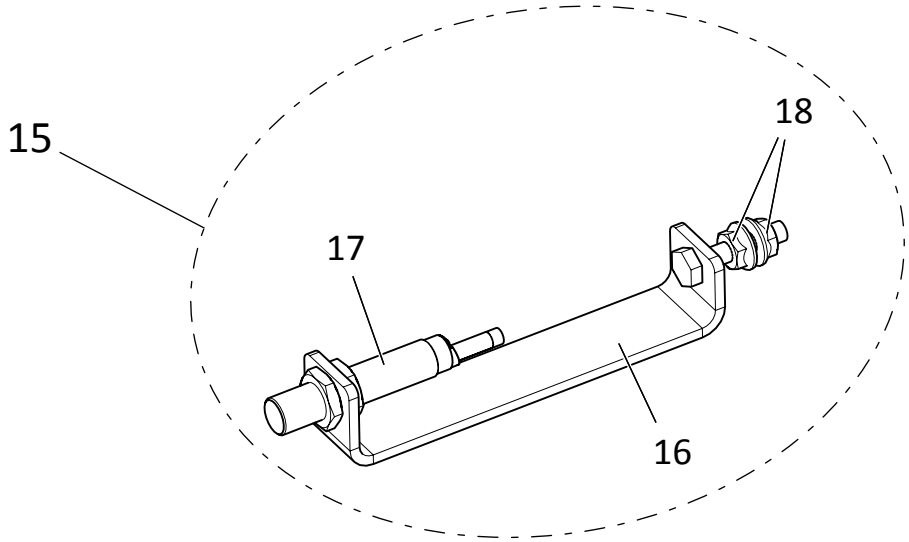


WARNING Guards are intended to reduce hazard of entanglement with machinery and injury. All guards must be installed per this drawing before spreader is put into operation.

ITEM	PART NO.	DESCRIPTION	QTY
1	315710	Guard - Wldmt Upper	1
2	315711	Guard - Wldmt Lower	1
3	313223	Deflector - Wldmt LH	1
4	313224	Deflector - Wldmt RH	1
5	36425	Washer - Flat 3/8 SS	8
6	36398	Cap Screw - 3/8-16NC x 1 SS	12
7	72054	Nut - Lock 3/8-16NC SS	24
8	36399	Cap Screw - 3/8-16NC x 1-1/4 SS	8
9	313229-AA	Deflector - LH 304	1
10	313229-AB	Deflector - RH 304	1

Spinner Assembly



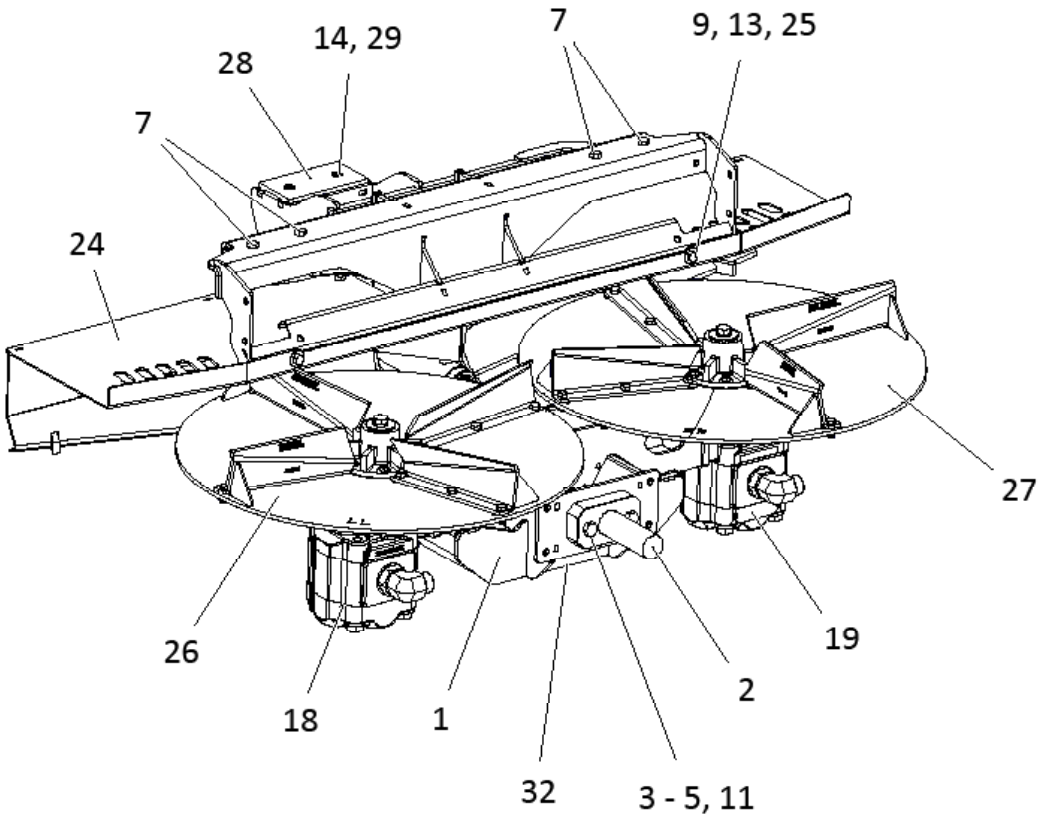


Spinners

Spinner Assembly Cont.

ITEM	PART NO.	DESCRIPTION	QTY
1	313192	Tube - Wldmt Support 304	1
2	312950	Cylinder - 1.5 x 23 w/ Sensor	1
3	313180	Cap Screw - 5/8-11NC x 5 SS	2
4	36399	Cap Screw - 3/8-16NC x 1-1/4 SS	4
5	56857	Washer - Flat 5/8 SS	2
6	41762	Nut - Lock 5/8-11NC SS	2
7	72054	Nut - Lock 3/8-16NC SS	4
8	313193	Mount - Cylinder 304	2
9	313173	Pin - Clevis	1
10	36427	Pin - Cotter	1
11	313186	Retainer - Wldmt Front 304	1
12	313194	Plate - Backing 304	1
13	313195	Bolt - Flanged 3/8-16NC x 1-1/4 SS	2
14	313196	Nut - Flanged 3/8-16NC SS	2
15	313214	Sensor - Assy 304, Includes Items 16 - 18	1
16	313215	Mount - Wldmt Sensor 304	1
17	308175	Sensor - 12mm w/ Connector	1
18	313217	Nut - Flange 1/4-20NC SS	2

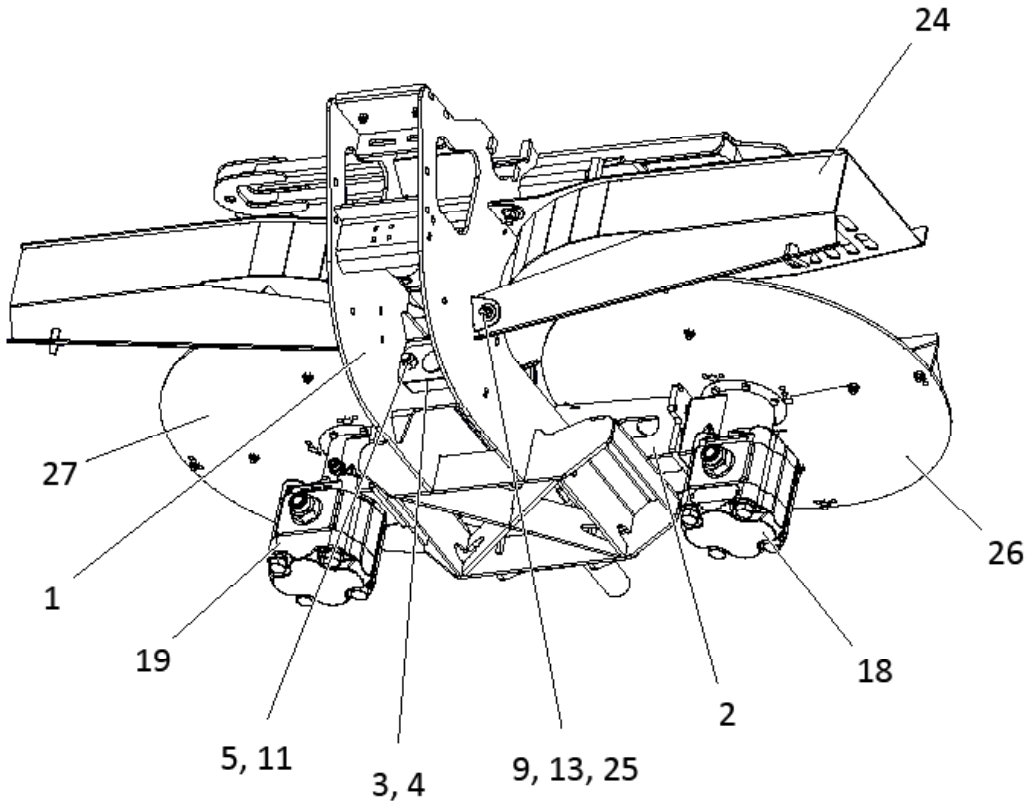
Spinner Assembly Cont.



ITEM	PART NO.	DESCRIPTION	QTY
1	313112	Frame - Wldmt Spinner 304	1
2	313140	Mount - Wldmt Motor 304	1
3	313174	Guide - Assy Rod	4
4	313177	Plate - Backing 304	4
5	313178	Cap Screw - 1/2-13NC x 3-1/4 SS	4
6	36402	Cap Screw - 1/2-13NC x 1-1/4 SS	8
7	36293	Cap Screw - 3/8-16NC x 3/4 SS	6
8	313179	Cap Screw - 3 Full Thread SS	1
9	36398	Cap Screw - 3/8-16NC x 1 SS	14
10	36401	Cap Screw - 1/2-13NC x 1 SS	2
11	39016	Nut - Lock 1/2-13NC SS	4
12	36416	Nut - Hex 1/2-13NC SS	1
13	72054	Nut - Lock 3/8-16NC SS	18

AR - As Required

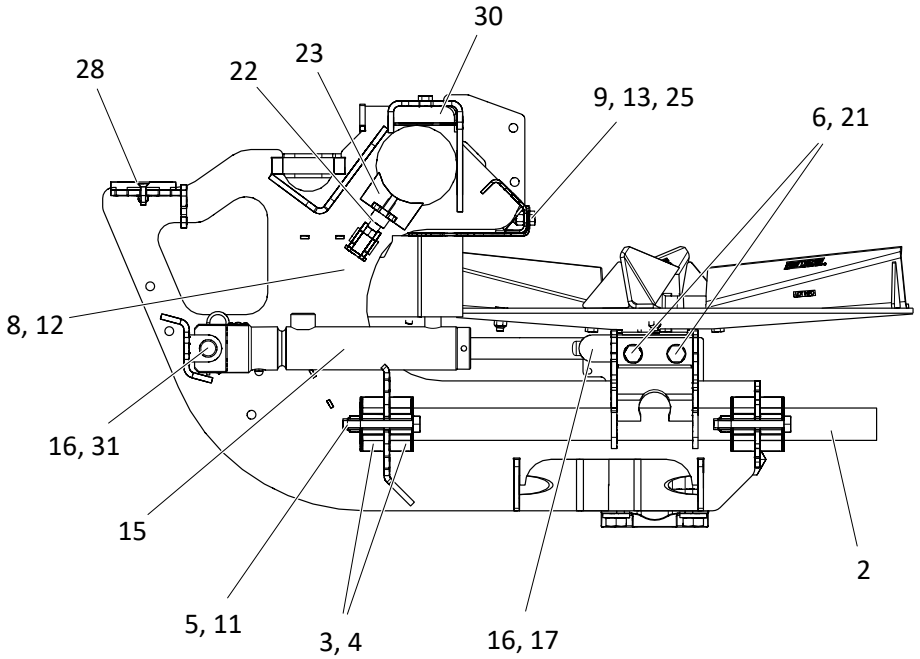
Spinner Assembly Cont.



ITEM	PART NO.	DESCRIPTION	QTY
14	42034	Nut - Lock 1/4-20NC SS	2
15	312951	Cylinder - 1.5 x 4.75 w/ Sensor	1
16	313173	Pin - Clevis	2
17	36427	Pin - Cotter	1
18	315876	Motor - Spinner Assy LH	1
19	315877	Motor - Spinner Assy RH	1
20	305571	Washer - Rubber	2
21	36422	Washer - Lock 1/2 SS	10
22	313148	Mount - Wldmt Bearing Lower 304	1
23	313169	Bearing - Lower	1
24	313151	Shroud - Wldmt Disc 304	1
25	36425	Washer - Flat 3/8 SS	8

AR - As Required

Spinner Assembly Cont.

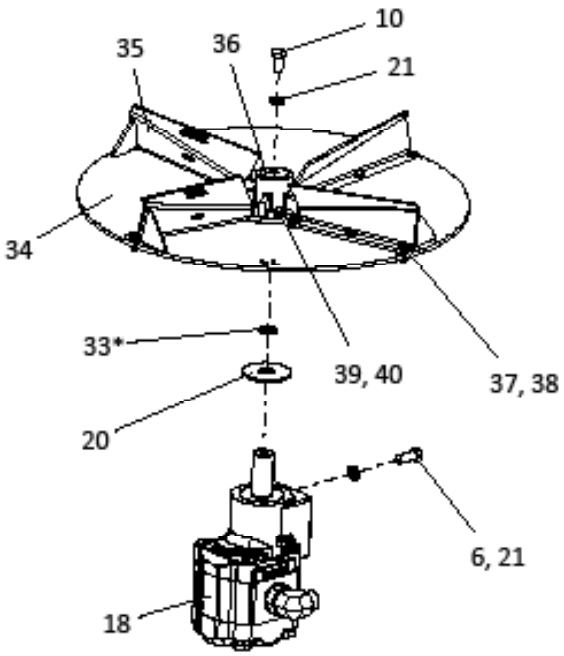


ITEM	PART NO.	DESCRIPTION	QTY
26	87106	Disc - Assy LH 7ga, Includes Items 36 - 42	1
	87105-X2	Disc - Assy LH 1/4", Includes Items 36 - 42	1
27	87105	Disc - Assy RH 7ga, Includes Items 38 - 44	1
	87105-X2	Disc - Assy RH 1/4", Includes Items 38 - 44	1
28	313170	Bearing - Front	1
29	47268	Screw - Flat Head 1/4-20NC x 1 SS	2
30	313171	Bearing - Assy Upper	2
31	36429	Pin - Hair	1
32	314775	Decal - US Patent No. 9,649,646	1
33	301315	Washer - 9/16 x 14ga (1/4" Discs only)	2
34	27056-X5	Disc - Distributor LH	1
	57830-X3	Disc - Distributor LH 1/4"	1
35	309092	Fin - Wldmt LH	4
36	10877	Hub - Wldmt	2
37	20004	Cap Screw - 1/4-20NC x 7/8	6
38	20676	Nut - Lock 1/4-20NC	6
39	20034	Cap Screw - 5/16-18NC x 3/4	12
	20035	Cap Screw - 5/16-18NC x 7/8 (1/4" Discs)	12
40	20677	Nut - Lock 5/16-18NC	12

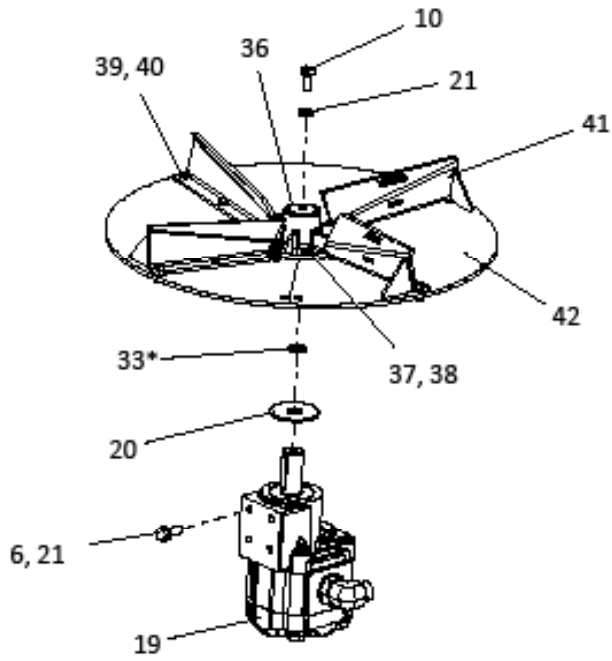
AR - As Required

Spinners

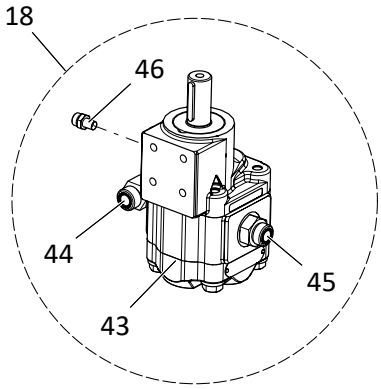
Spinner Assembly Cont.



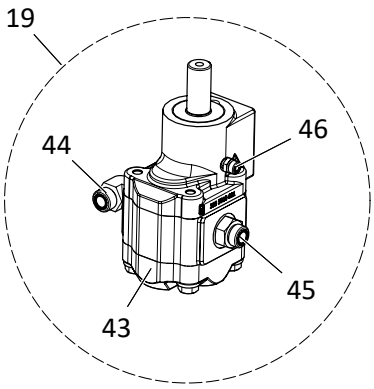
LEFT HAND



RIGHT HAND



LEFT HAND

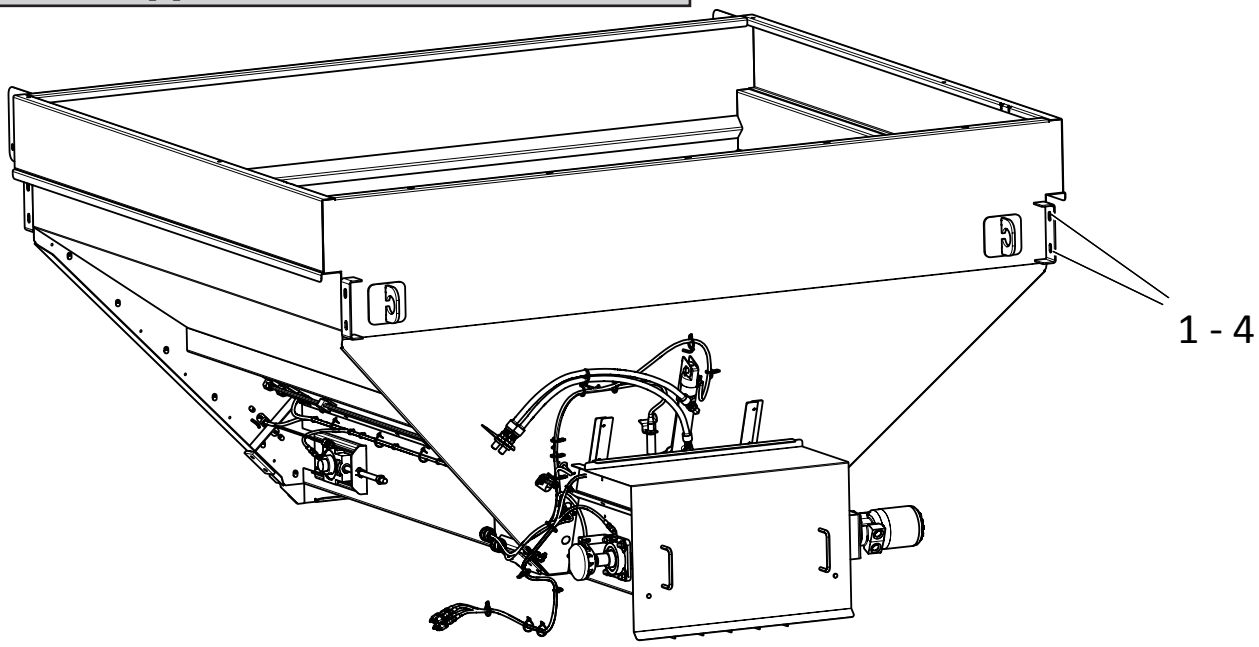


RIGHT HAND

ITEM	PART NO.	DESCRIPTION	QTY
41	309091	Fin - Wldmt RH	4
42	27056-X4 57830-X2	Disc - Distributor RH Disc - Distributor RH 1/4"	1 1
43	313510	Motor - Spinner 3.19 CID	2
44	315949	Fitting - 12-14 520220	2
45	315950	Fitting - 12-14 520120	2
46	313185	Fitting - 6-4 Non-Standard	2

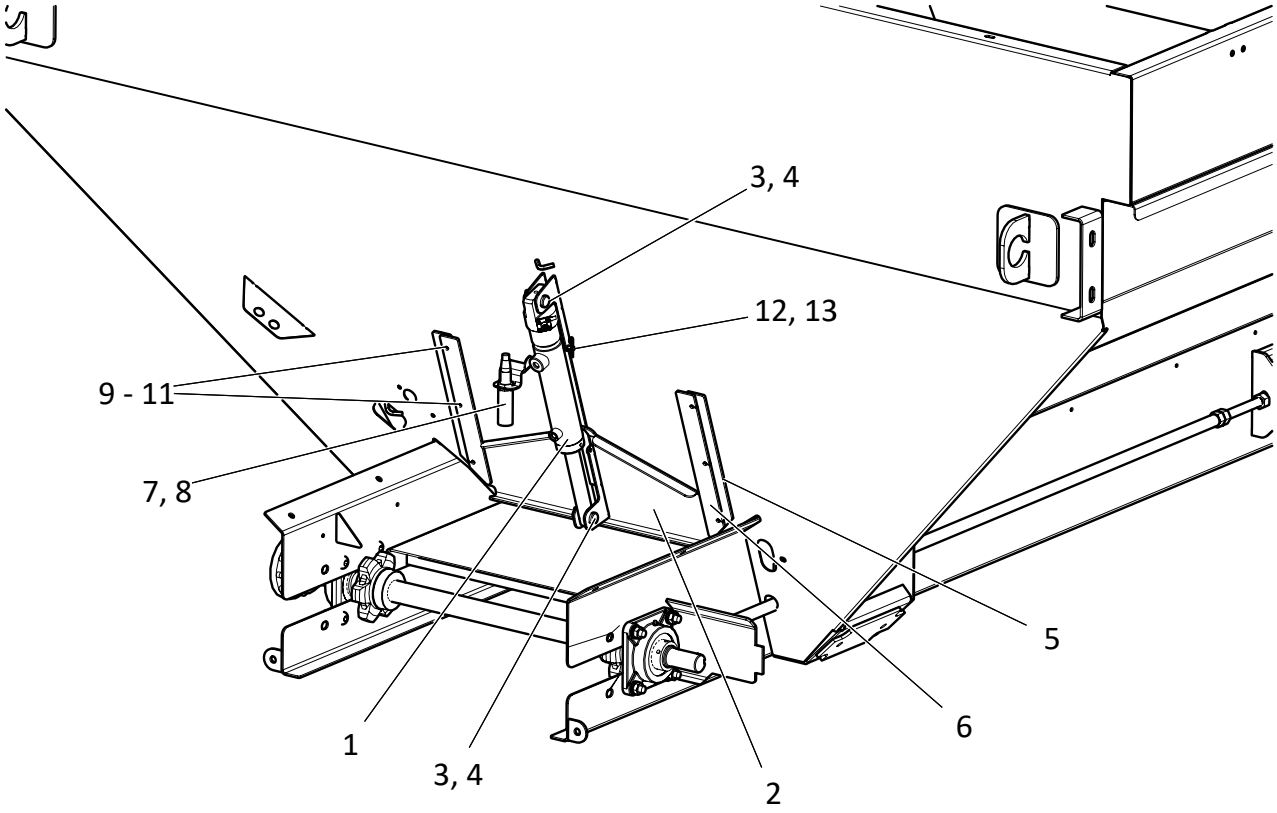
AR - As Required

MultApplier



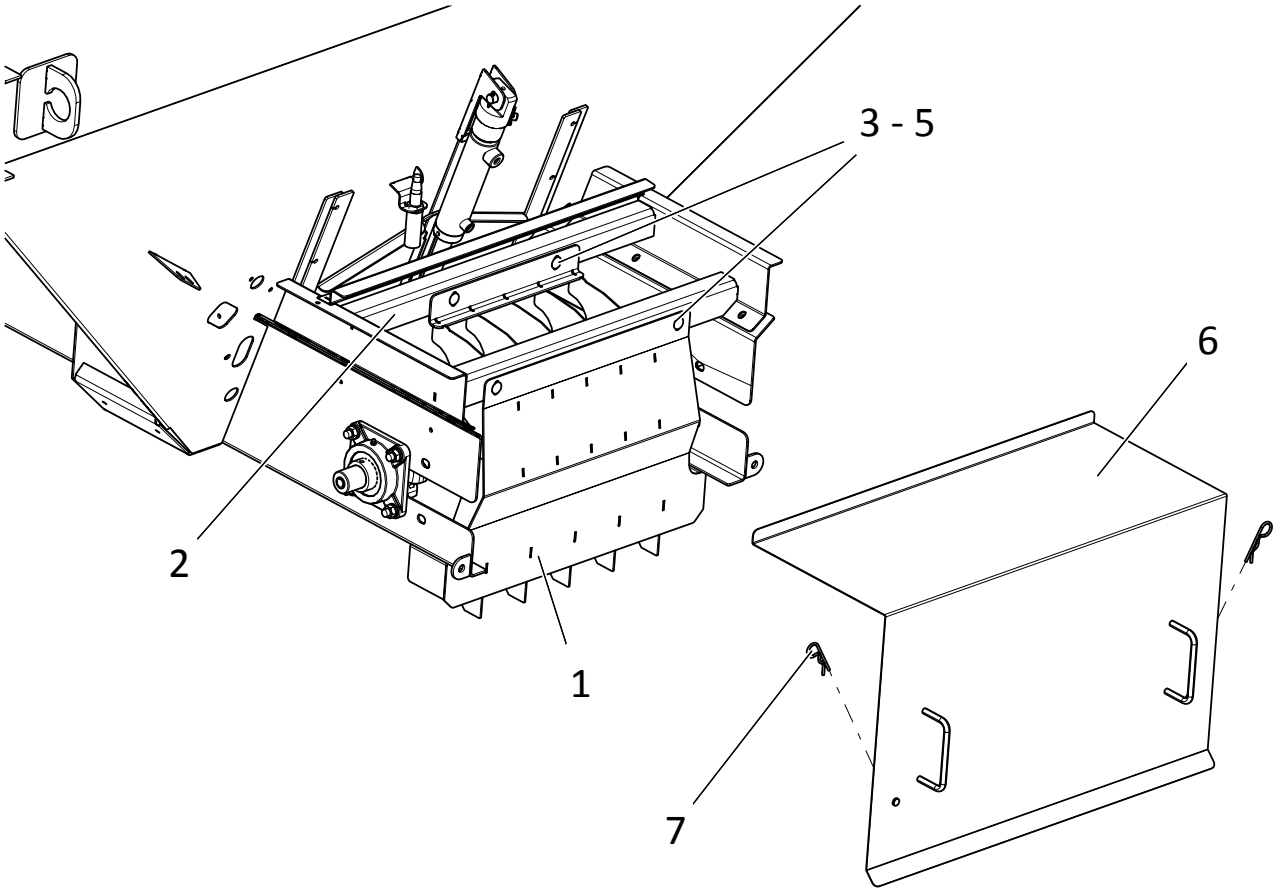
ITEM	PART NO.	DESCRIPTION	QTY
1	20128-X1	Cap Screw - 1/2-13NC x 1-1/4 GR8	8
2	20695	Washer - Flat 1/2 ZN	16
3	20714	Washer - Lock 1/2 ZN	8
4	20646	Nut - Hex 1/2-13NC ZN	8

Rear Feedgate



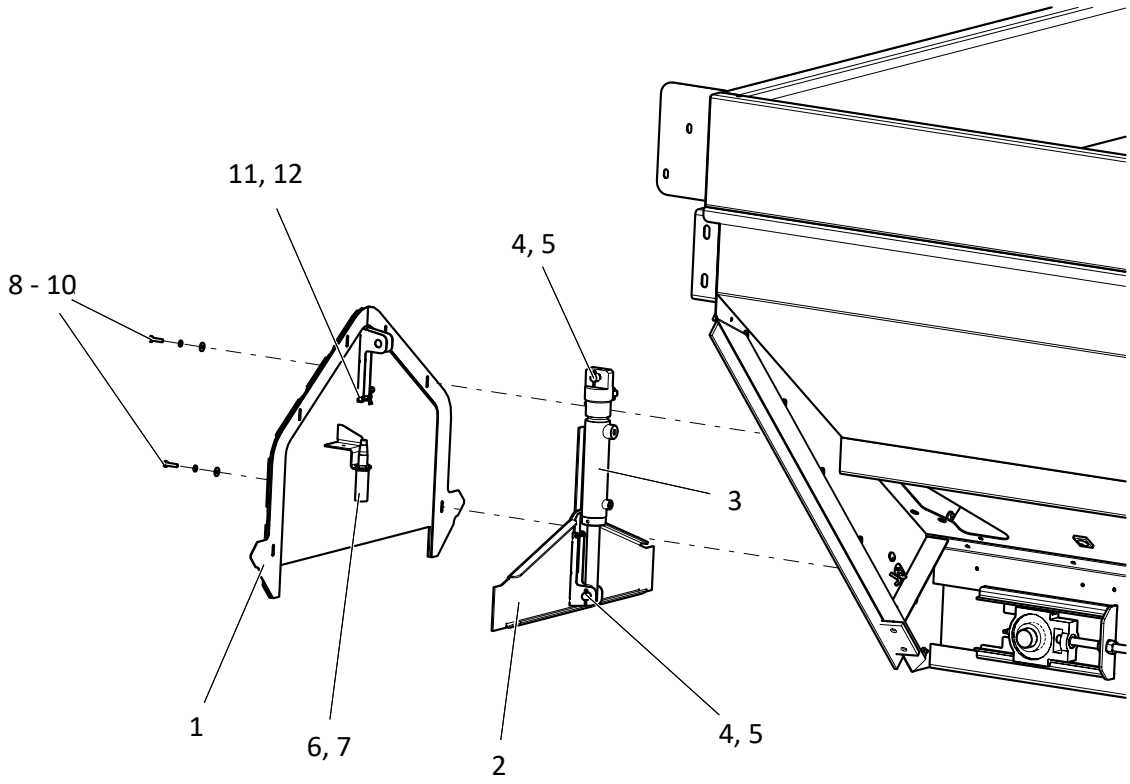
ITEM	PART NO.	DESCRIPTION	QTY
1	312951	Cylinder - 1.5 x 4.75 w/ Sensor	1
2	313265	Feedgate - Wldmt 304	1
3	313173	Pin - Clevis	2
4	36427	Pin - Cotter	2
5	313375	Bar - Feedgate Guide 304	2
6	313376	Bar - Feedgate Slide 304	2
7	313377	Sensor - Ultrasonic	1
8	313378	Cover - Sensor	1
9	36394	Cap Screw - 1/4-20NC x 7/8 SS	6
10	36418	Washer - Lock 1/4 SS	6
11	36412	Nut - Hex 1/4-20NC SS	6
12	98476	Pin - Clevis	1
13	41779	Pin - Hair	1

Hillside Divider & Conveyor Cover

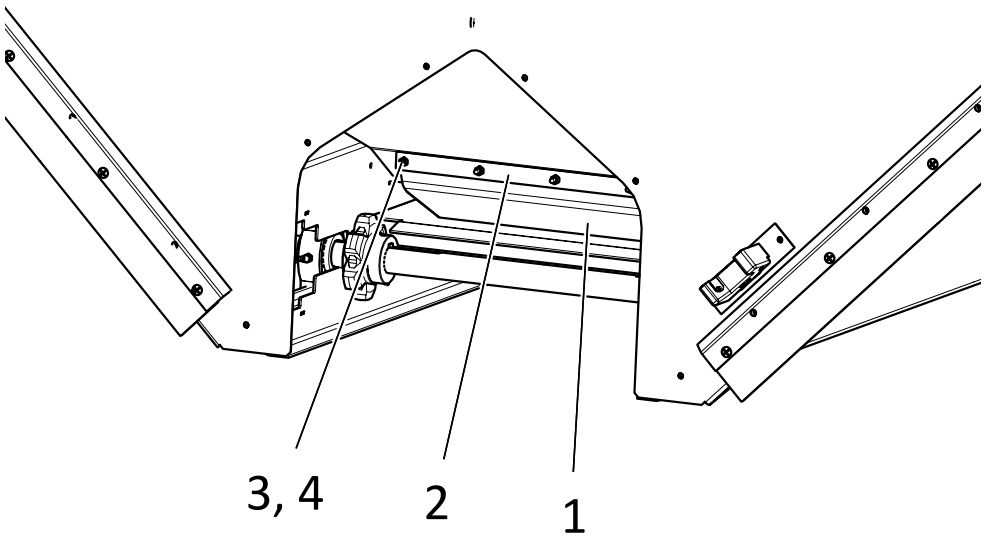


ITEM	PART NO.	DESCRIPTION	QTY
1	313236	Hillside Divider Wldmt 304	1
2	313246	Support - Hillside Divider Wldmt 304	1
3	36408	Bolt - Carriage 3/8-16NC x 1 SS	4
4	36425	Washer - Flat 3/8 SS	4
5	72054	Nut - Lock 3/8-16NC SS	4
6	313249	Cover - Wldmt Rear 304	1
7	36429	Pin - Hair	2

Front Feedgate

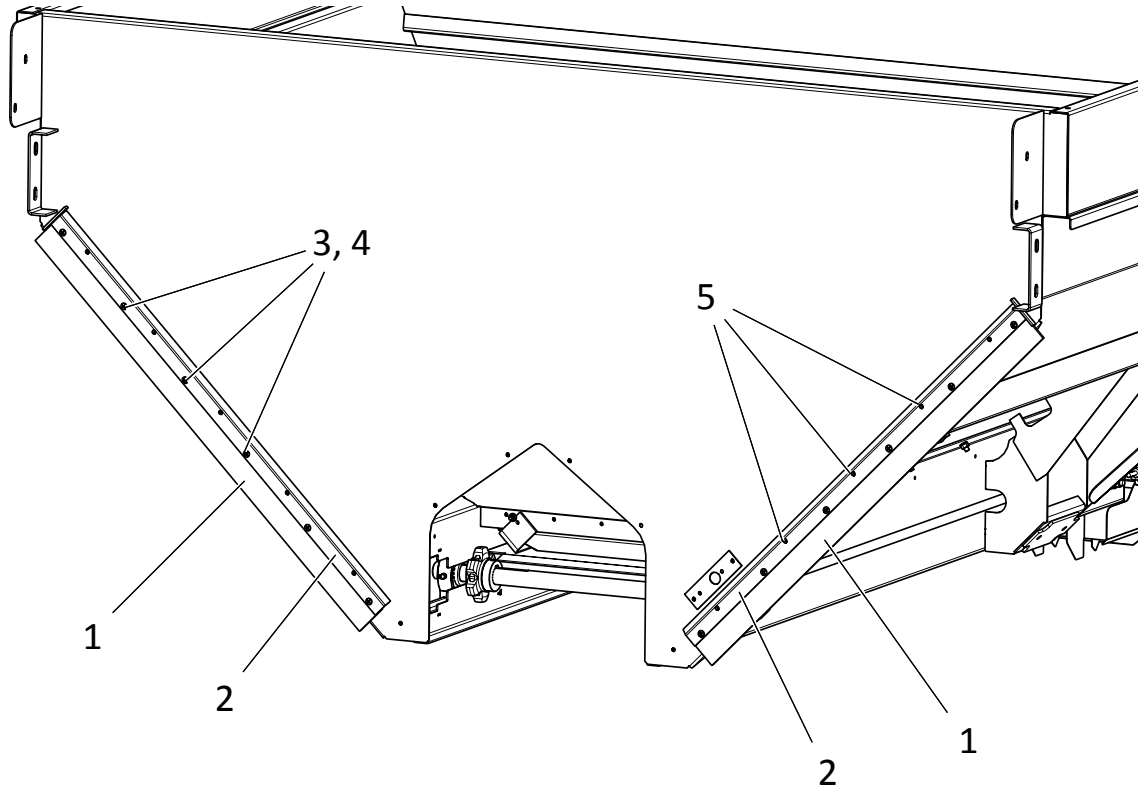


ITEM	PART NO.	DESCRIPTION	QTY
	313254	Feedgate - Assy Front, Includes Items 1 - 7	1
1	313255	Insert - Wldmt Feedgate Front 304	1
2	313262	Feedgate - Wldmt 304	1
3	312951	Cylinder - 1.5 x 4.75 w/ Sensor	1
4	313173	Pin - Clevis	2
5	36427	Pin - Cotter	2
6	313377	Sensor - Ultrasonic	1
7	313378	Cover - Sensor	1
8	36395	Cap Screw - 1/4-20NC x 1 SS	6
9	36423	Washer - Flat 1/4 SS	6
10	36418	Washer - Lock 1/4 SS	6
11	98476	Pin - Clevis	1
12	41779	Pin - Hair	1



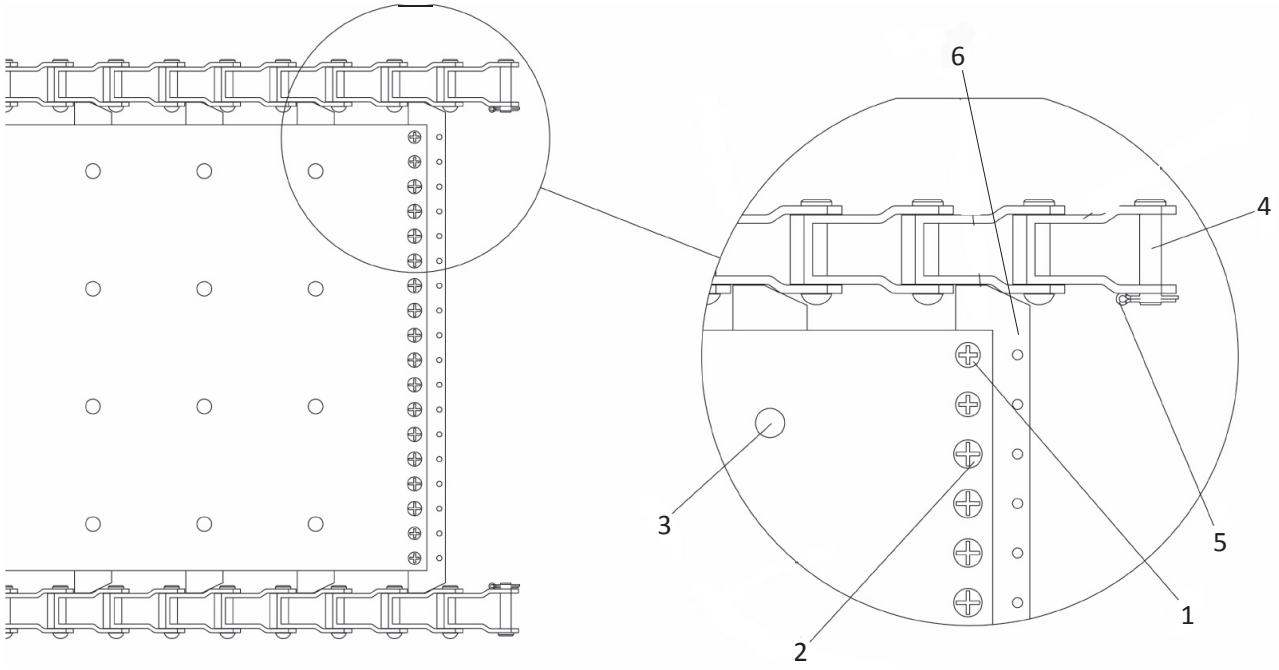
ITEM	PART NO.	DESCRIPTION	QTY
	86894	Wiper - Group Front, Includes Items 1 - 4	1
1	39426	Wiper – Belt Front	1
2	54230	Retainer – Wiper	1
3	42033	Screw – Machine 1/4-20NC x 1	5
4	36412	Nut – Hex 1/4-20NC	5

Sealers



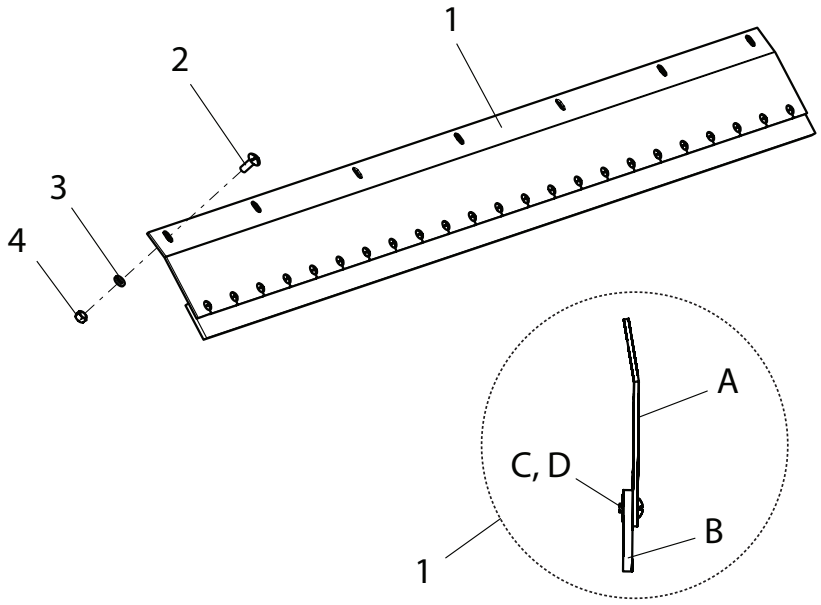
ITEM	PART NO.	DESCRIPTION	QTY
	313408	Sealer - Group Front, Includes Items 1 - 5	1
	306637	Seal - Assy 304, Includes Items 1 - 4	2
1	306582	Seal - Belting Pre-Cut	2
2	306581	Retainer - Seal 304	2
3	56258	Screw - Truss Head 1/4-20NC x 1/2 SS	12
4	88931	Nut - Tee 1/4-20NC x 1/4	12
5	36395	Cap Screw - 1/4-20NC x 1 SS	10

#4 Belt-Over-Chain Conveyor



ITEM	PART NO.	DESCRIPTION	QTY
	308712-AA 308712-AC	Chain Wldmt - 5' Unit, Includes Items 1 - 6 Chain Wldmt - 7' Unit, Includes Items 1 - 6	1 1
1	20617	Screw - Flat 1/4-20NC x 1/2	8
2	20624	Screw - Truss Head 1/4-20NC x 1/2	28
3	308534	Screw - 1/4 x 1/2-20NC	AR
4	21118	Pin - Chain Pintle	2
5	20817	Pin - Cotter	2
6	70473	Bar - Splicer	1

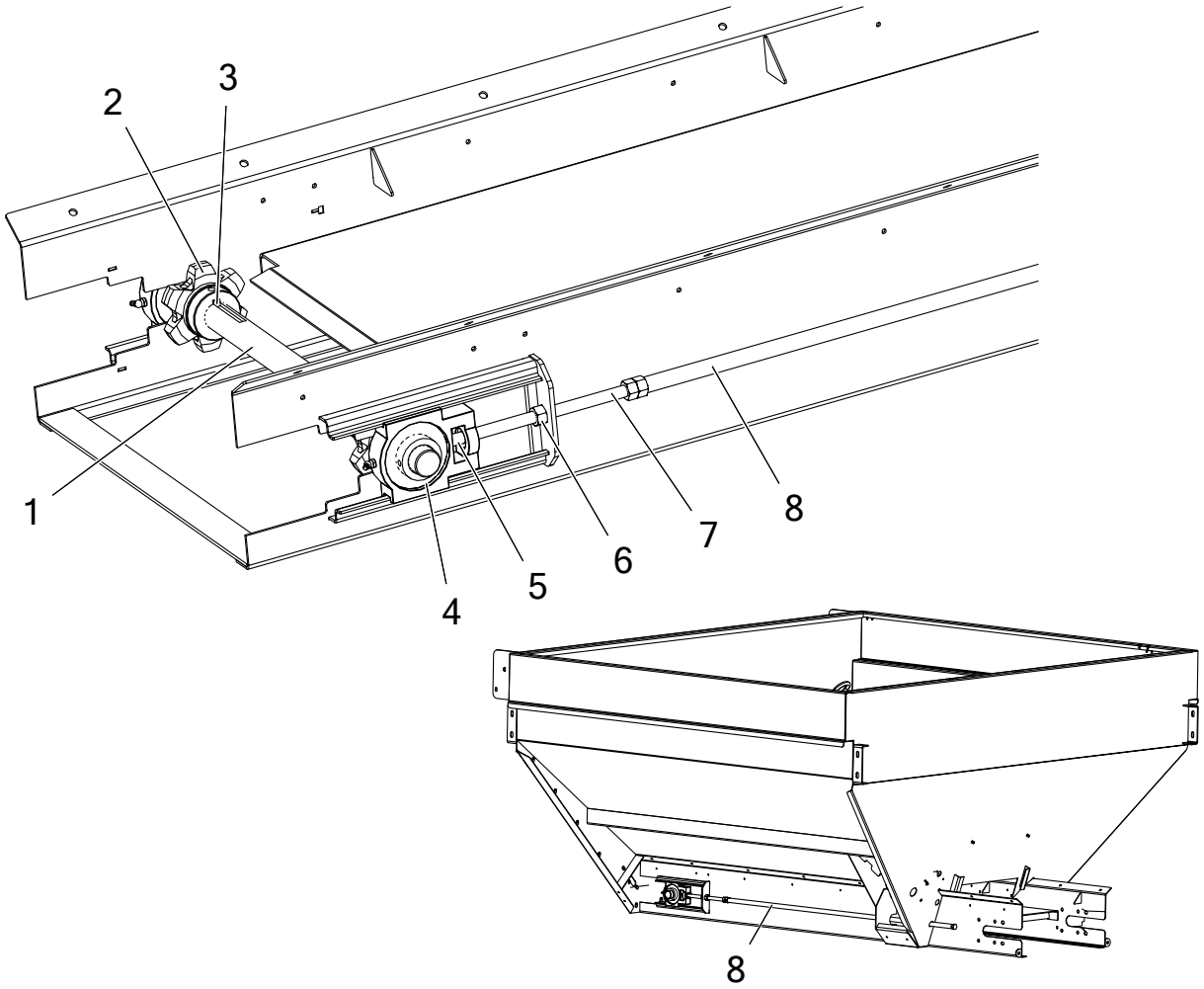
Chain Shields



ITEM	PART NO.	DESCRIPTION	QTY
1	86876	Shield – Chain Assy - 5' Unit	2
	303977	Shield – Chain Assy - 7' Unit	2
A	86798	Shield – Chain - 5' Unit	2
	303978	Shield – Chain - 7' Unit	2
B	305975	Belting – Sealer, specify length	AR
C	56258	Screw – Truss Head 1/4-20 x 1/2	AR
D	88931	Nut – Tee 1/4 x 1/4	AR
2	71829	Screw – Machine 3/8-16 x 1 SS	AR
3	36420	Washer – Lock 3/8 SS	AR
4	36414	Nut – Hex 3/8-16 SS	AR

AR – As Required

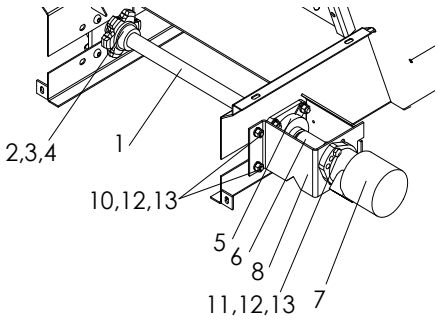
Conveyor Idler

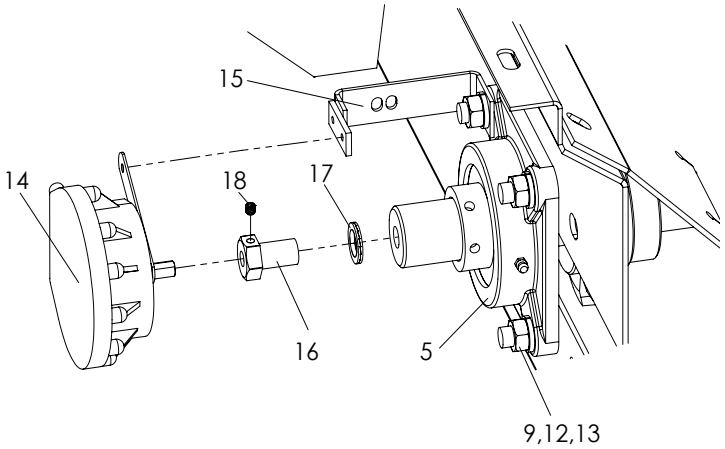


ITEM	PART NO.	DESCRIPTION	QTY
	89780	Shaft - Idler Assy, Includes 1-5	
1	89779	Shaft - Idler	1
2	86757 20743	Sprocket Screw - Set 5/16-18NC x 3/8	2 4
3	6131	Key - Square	2
4	22511	Bearing	2
5	17078	Collar - Set	2
6	87856	Nut Wldmt 304	2
7	87857	Bolt Wldmt	2
8	306974 306595	Extended Idler - Pipe Wldmt Adj 5' Unit 304 Extended Idler - Pipe Wldmt Adj 7' Unit 304	2 2

* - Not Shown

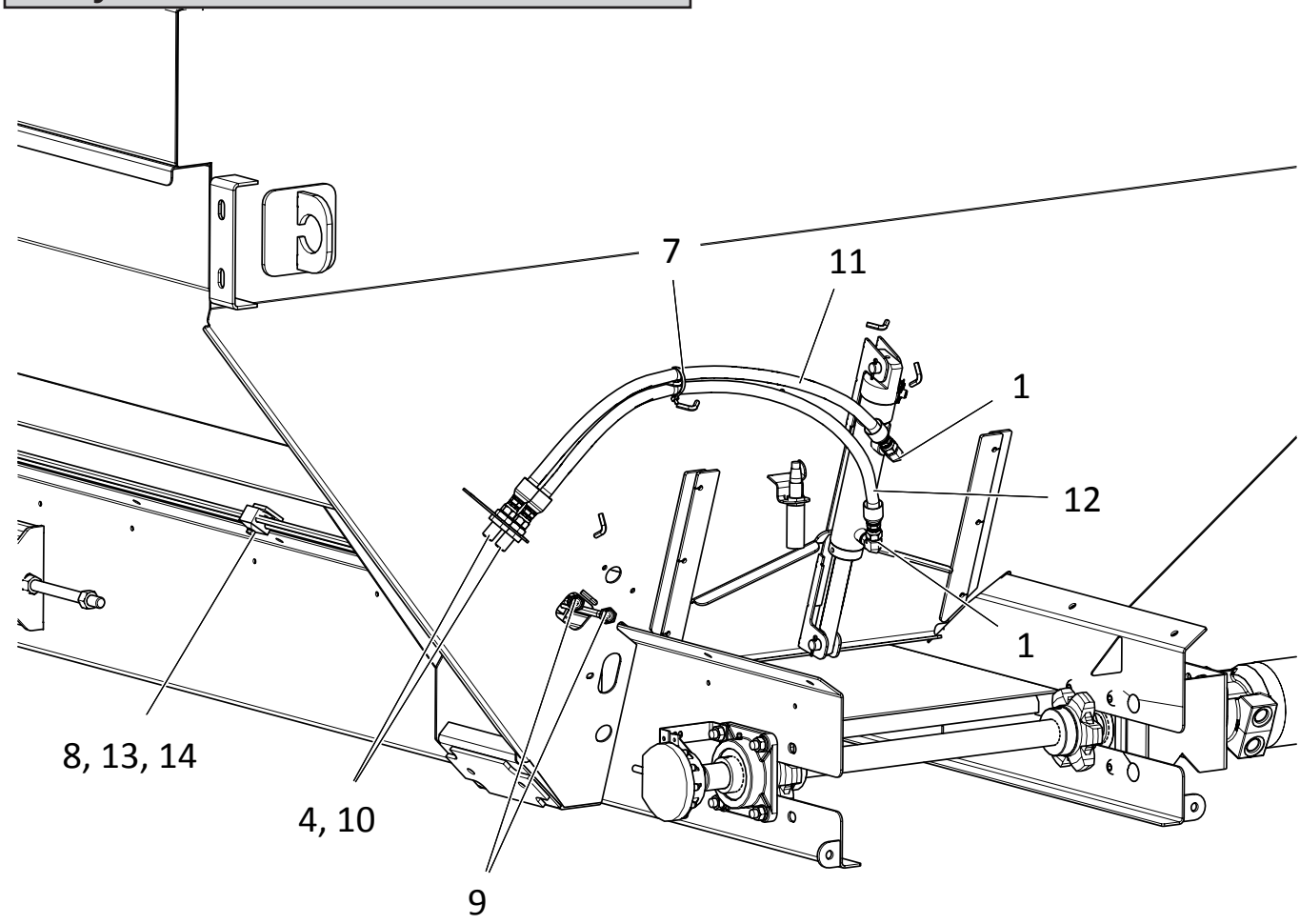
Conveyor Drive & Encoder





ITEM	PART NO.	DESCRIPTION	QTY
	86759-X1	Shaft - Drive Assy, Includes Items 1-5	
1	310644	Shaft - Drive	1
2	86757	Sprocket	2
3	6131	Key - Square	2
4	20743	Screw - Set	4
5	6697	Bearing	2
6	86762 *4059	Coupling - Shaft Key - Square 5/16 x 1-1/2	1 1
7	311056 *56327	Motor - Hydraulic 29.1 CID Seal Kit	1 1
8	86766	Mount - Motor	1
9	304484	Screw - Button Head 1/2-13NC x 1-1/2 SS	8
10	72056	Bolt - Carriage 1/2-13NC x 1 SS	2
11	36539	Cap Screw - 1/2-13NC x 1-1/2 SS	2
12	36422	Washer - Lock 1/2 SS	12
13	36416	Nut - Hex 1/2-13NC SS	12
14	303994	Encoder - Conveyor 180	1
15	304953-X1	Bracket - Encoder	1
16	310601	Coupler - Rate Sensor	1
17	310602	Washer - Special Lock	1
18	310603	Screw - Set 1/4-20NC x 5/16 SS	1

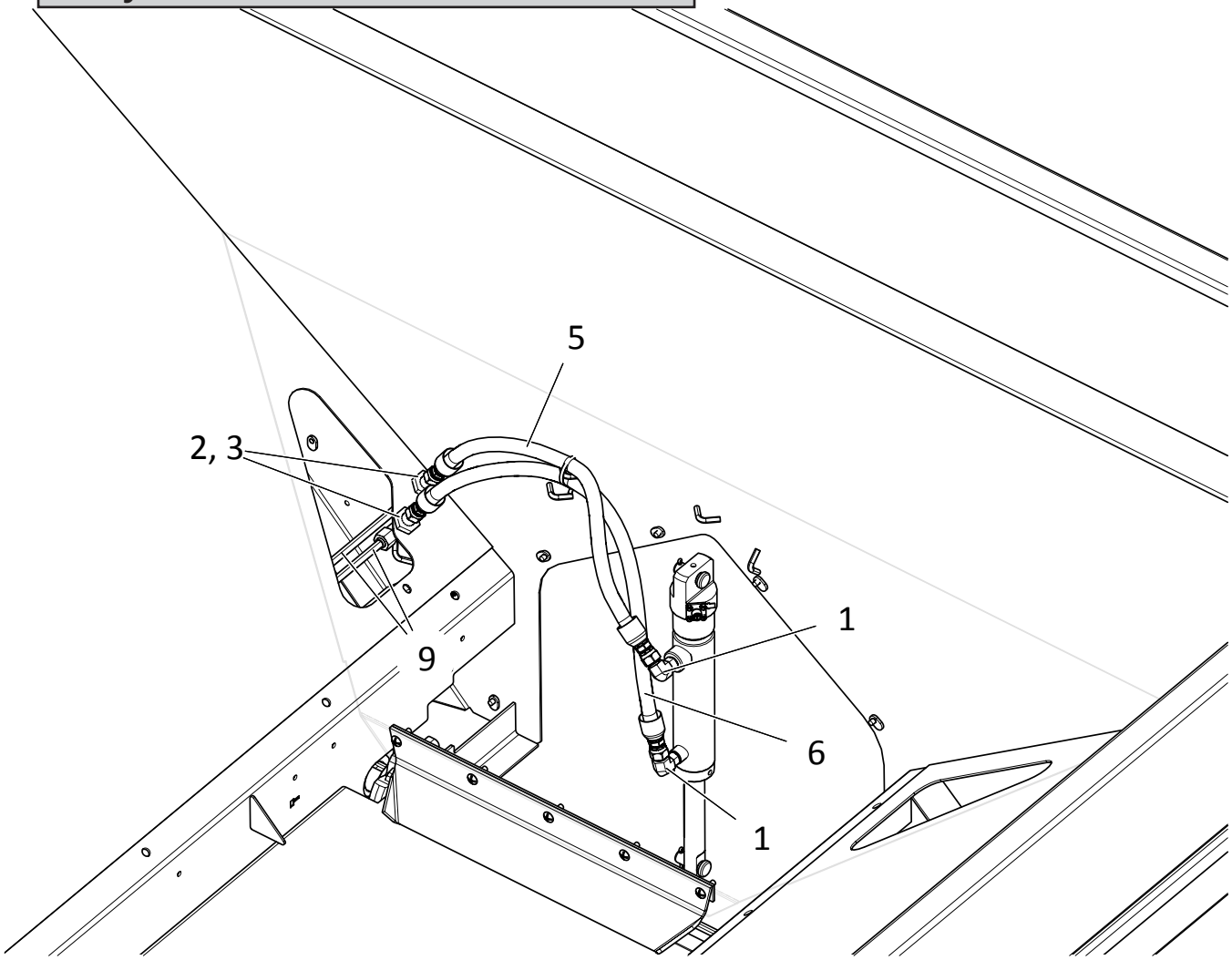
* - Not Shown



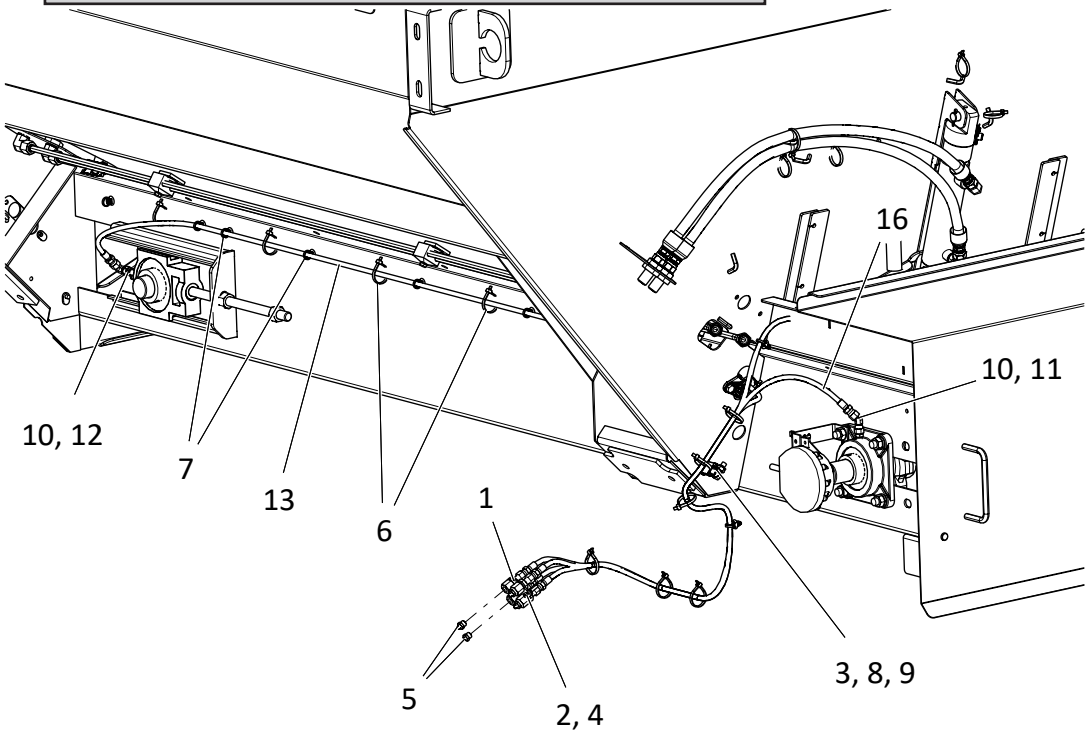
ITEM	PART NO.	DESCRIPTION	QTY
1	313465	Fitting - 6-4 520220	4
2	313468	Fitting - 6-6 520701	2
3	313467	Fitting - 6 520118	2
4	313485	Fitting - 6 520118 304	2
5	313549	Hose - Assy SAE 6 x 23 100R1	1

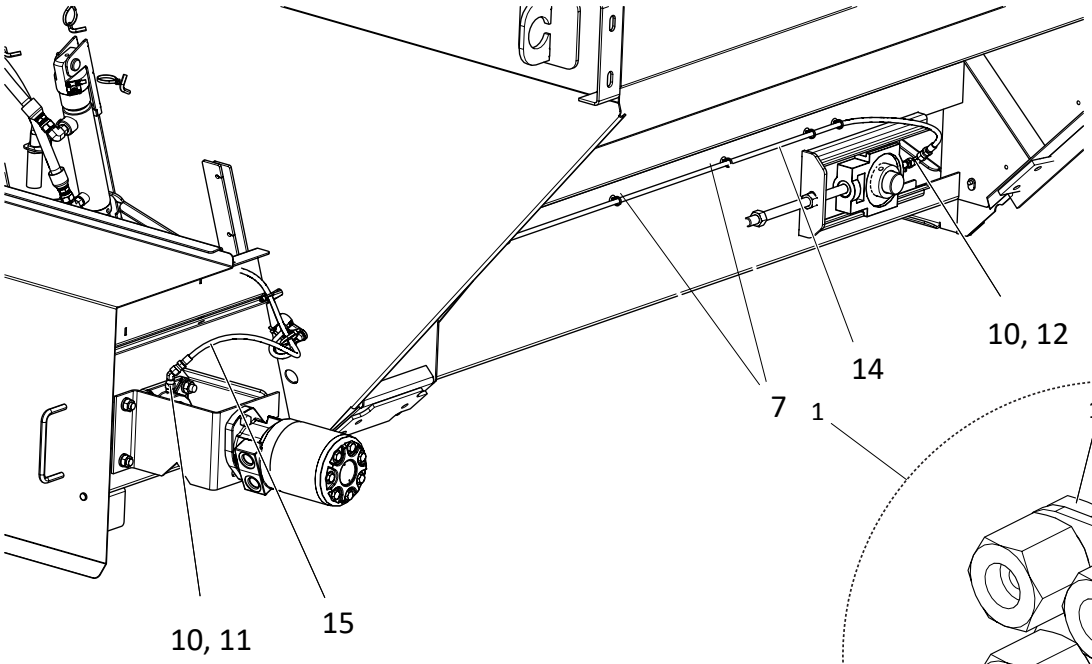
MultApplier

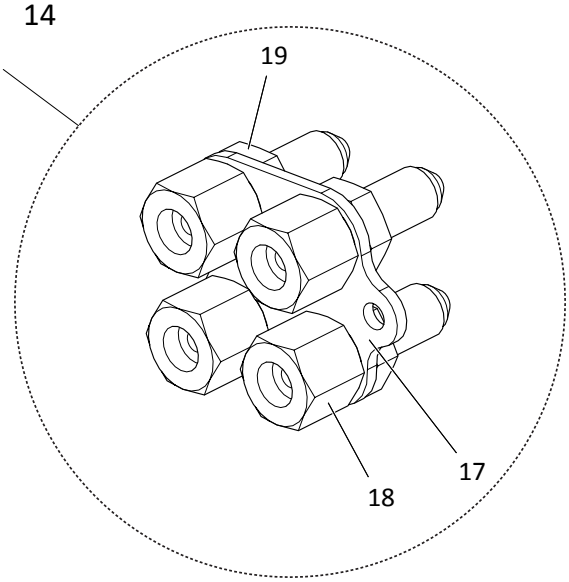
Hydraulics Cont.



ITEM	PART NO.	DESCRIPTION	QTY
6	313550	Hose - Assy SAE 6 x 24-1/2 100R1	1
7	99674	Tie - Wire	2
8	313385	Clamp - Tubing Twin 3/8	3
9	314428 313337	Tube - Assy 3/8 SS 5' MultApplier Tube - Assy 3/8 SS 7' MultApplier	2 2
10	313486	Fitting - 6-6 520601 304	2
11	313543	Hose - Assy SAE 6 x 30 100R1	1
12	313544	Hose - Assy SAE 6 x 32-1/2 100R1	1
13	36418	Washer - Lock 1/4	3
14	40750	Cap Screw - 1/4-20NC x 1-1/4 SS	3


16
10, 11
10, 12
7
13
6
1
5
2, 4
3, 8, 9

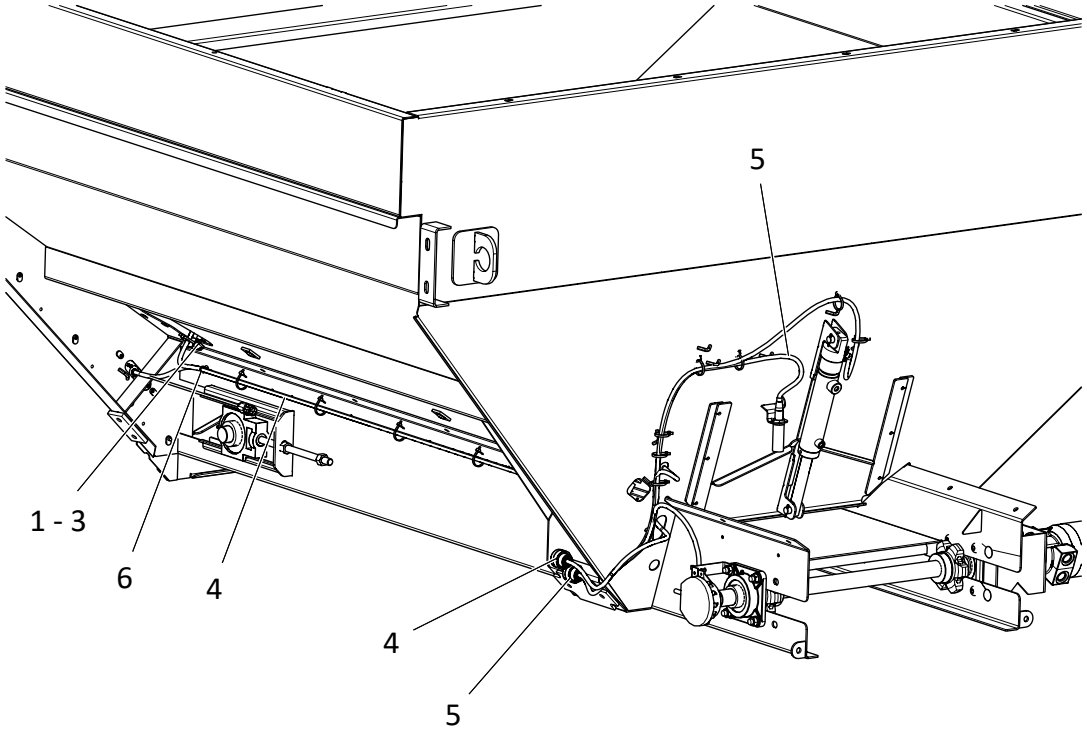

10, 12
14
7
10, 11
15


1
19
18
17

MultApplier

Lubrication Cont.

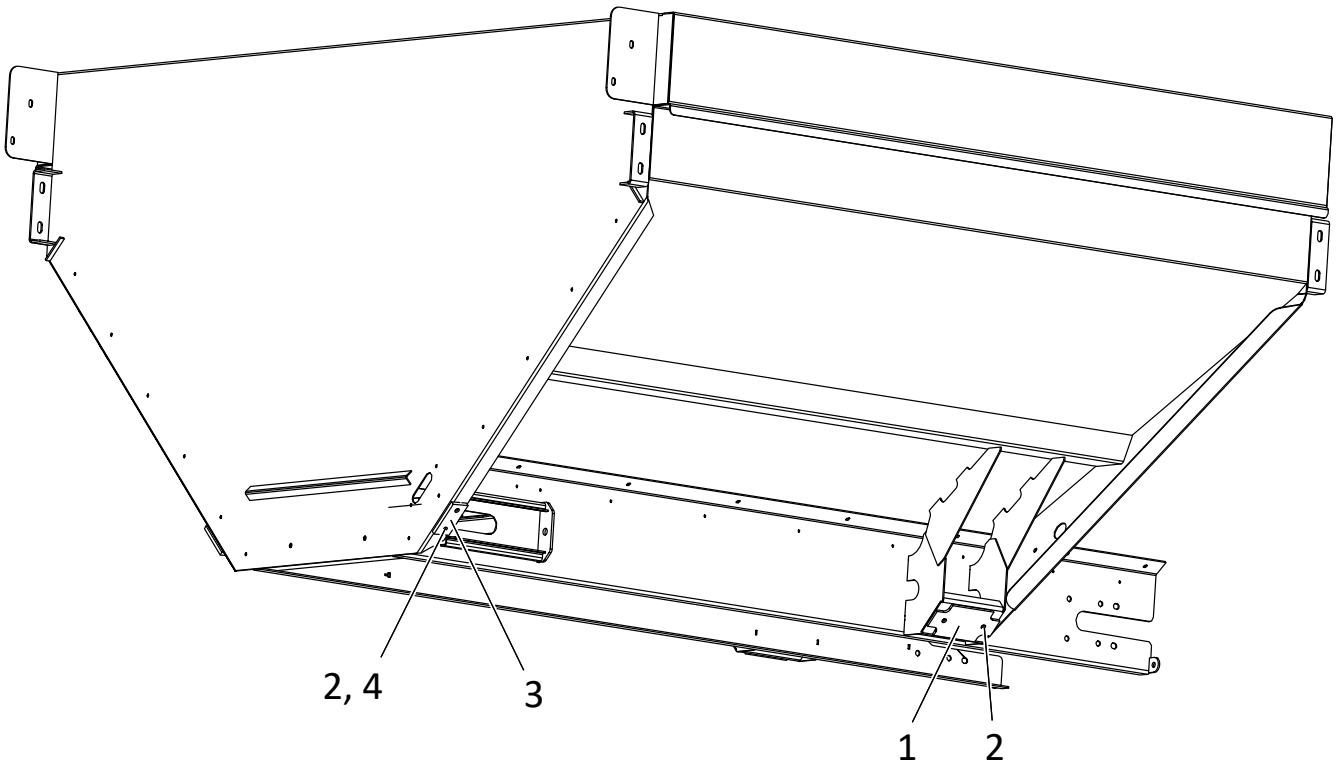
ITEM	PART NO.	DESCRIPTION	QTY
1	313915	Lube Bank - Assy 4 Position, Includes Items 17 - 19	1
2	44454	Screw - Socket Head @10-24NC x 1 SS	2
3	42221	Nut - Lock 5/16-18NC SS	3
4	56355	Nut - Lock #10-24NC SS	2
5	313917	Zerk - Grease 1/8-27 NPT SS	4
6	99674	Tie - Wire	9
7	311806	Tie - Wire Fir Tree	19
8	312964	Clip - Harness Mounting	3
9	34580	Cap Screw - 5/16-18NC x 1 SS	3
10	34787	Fitting - 4-2 070102	4
11	313501	Fitting - 4-4 070321	2
12	34868	Fitting - 4-4 070221	2
13	314430 313667	Hose - Assy LH Idler Bearing 5' MultApplier Hose - Assy LH Idler Bearing 7' MultApplier	1 1
14	314431 313668	Hose - Assy RH Idler Bearing 5' MultApplier Hose - Assy RH Idler Bearing 7' MultApplier	1 1
15	313669	Hose - Assy LH Drive Bearing	1
16	313670	Hose - Assy RH Drive Bearing	1
17	313912	Plate - Lube Bank 4 Position	1
18	313916	Fitting - 4-2 Non-Standard Bulkhead	4
19	311489	Fitting - 4 070118 Nut	4



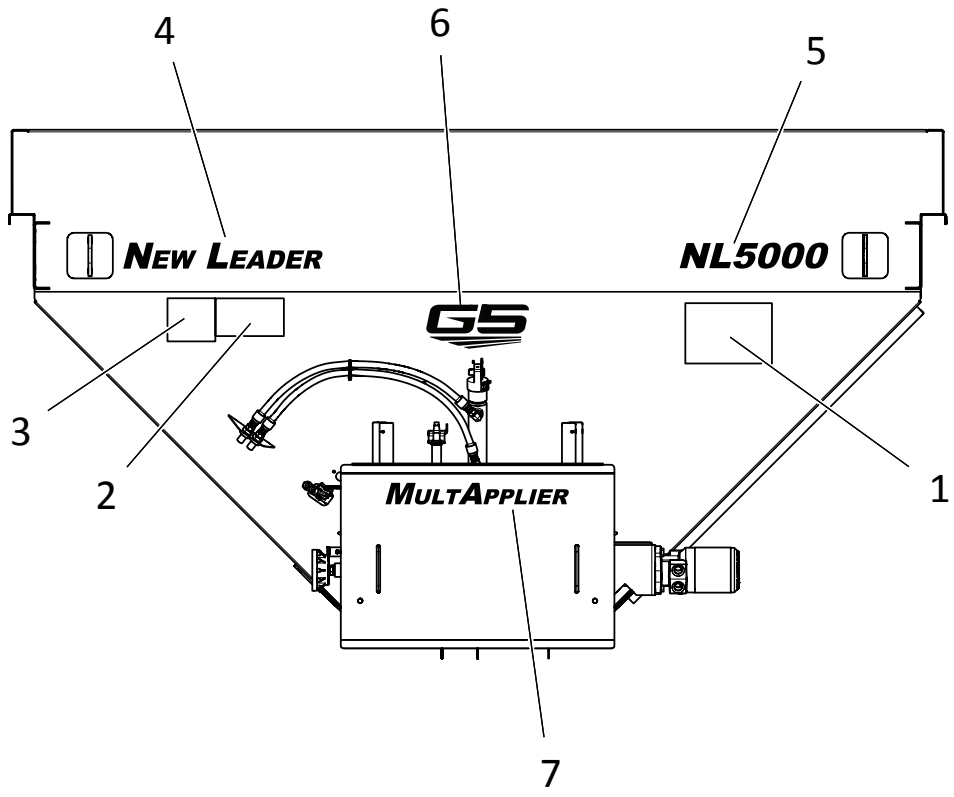
ITEM	PART NO.	DESCRIPTION	QTY
1	312964	Clip - Harness Mounting	1
2	34580	Cap Screw - 5/16-18NC x 1 SS	1
3	42221	Nut - Lock 5/16-18NC SS	1
4	99674	Tie - Wire	18
5	313998	Harness - Bin 1 Insert Control	1
6	313999	Harness - Bin 2 Insert Control	1
7	311806	Tie - Wire Fir Tree	2

MultApplier

Pads



ITEM	PART NO.	DESCRIPTION	QTY
1	306924	Mount - Foot Pad	2
2	47268	Screw - Flathead 1/4-20 x 1 SS	8
3	307097	Mount - Pad	2
4	42034	Nut - Lock 1/4-20 SS	4



NOTE: See "Decals" in Safety section for details.

ITEM	PART NO.	DESCRIPTION	QTY
1	368	Decal - Danger, Flying Material Hazard	1
2	312276	Decal - Notice, Spread Pattern	1
3	21476	Decal - Notice, Chain Lubrication	1
4	312561	Decal - New Leader Black	1
5	312460	Decal - NL5000 Black	1
6	313520	Decal - G5	1
7	312591	Decal - MultApplier, Black	1

This page is intentionally left blank.