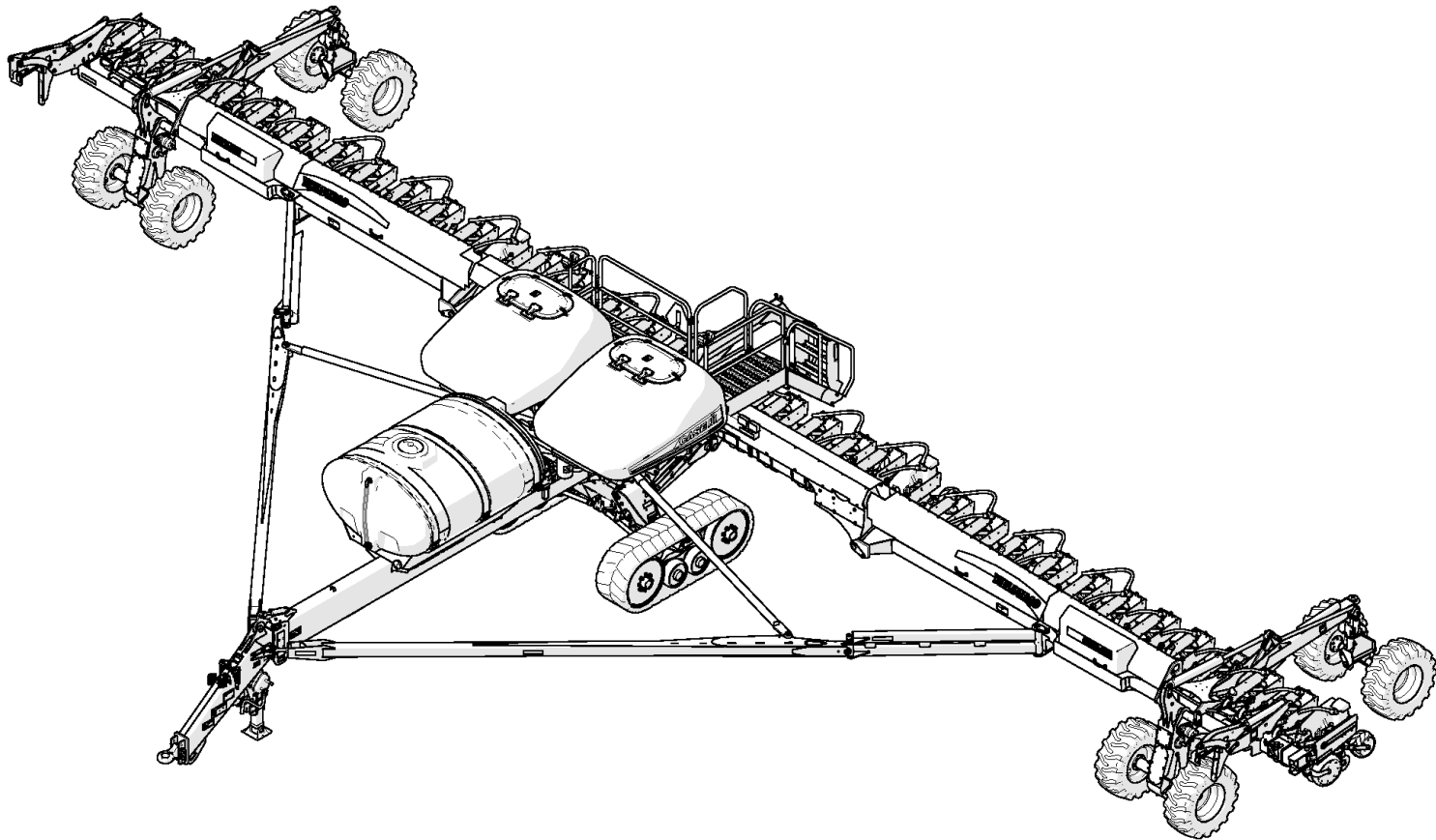


YIELDTRAC



Yieldtrac Planter Bar 32R-15

32 Row 15" Spacing (1200 Series)
Front Fold Trailing Planter

Year 2018 Model

Parts Catalog

Part number T0056296
1st edition English
July 2019



Disclaimer

This document is based on information available at the time of its publication. While efforts have been made to be accurate, the information contained herein does not purport to cover all details or variations, nor to provide for every possible contingency in connection with installation, operation, or maintenance. Features may be described herein which are not present in all systems. Norwood Sales Inc. assumes no obligation of notice to holders of this document with respect to changes subsequently made.

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Read and Understand

 WARNING

Read and follow all instructions and safety precautions in this catalog and all other manuals for products associated with this planter as well as in all on-product warning decals. Failure to do so could result in death or serious injury, or property damage. Contact your Norwood Yieldtrac Planter dealer if any of your manuals are missing or illegible or you have questions.

Preface

This parts catalog is intended for use with the Norwood Sales Inc. Yieldtrac Planter 32R-15.

Revision History

Issue	Date	Reasons for Change
T0056296	July 26th, 2019	Release
T0056296	April 13th, 2024	Revision, Added Page Numbers, Made Searchable

This catalog is organized from a larger assembly, down to a smaller assembly. The exploded parts illustration will be shown on the left page, and the parts listing will be on the right page throughout this catalog.

From the contents page of the parts catalog, select the category which would most logically contain the part to be found. If you are viewing this document electronically, then click on the hyperlink of the page number you wish to navigate to, and the hyperlink will take you to that page.

If the part number is known but the applications and/or locations need to be determined, refer to the numerical index at the back of this catalog. The index shows the **Part Number**, **Description**, and **Page Number(s)** that the item or items are contained on. If you are viewing this document electronically, then click on the hyperlink of the page number you wish to navigate to in the table of contents, Index, or Bill of Materials of an exploded assembly, and the hyperlink will take you to that page.

Additionally, to determine that you are on the correct page in the parts catalog, use the following symbols:

These symbols designate the different models of planters, and will appear at the top left corner of the parts catalog page. Choose the pages that correspond with your model of planter.



Determining Orientation:

Front, Back, Left, and Right are determined by the operator sitting in the tractor seat facing the forward direction of travel.

The symbols shown below, will be on certain pages in this Parts Catalog, and where indicated, determine the front of the machine.



PARTS ORDERING INFORMATION

If you need service or parts for your machine:

For service assistance or parts, contact your nearest authorized Norwood Sales Inc. dealer. Your nearest authorized Norwood Sales Inc. dealer will need to know the model number, and your serial number of your machine to provide the most efficient service. See the following page for information on how to identify and record the model number, and serial number of your machine.

REPLACEMENT PARTS

Only genuine Norwood Sales Inc., and Case IH replacement parts should be used to service or repair the machine. Norwood Sales Inc. replacement parts are available from your Norwood Sales Inc. Dealer. To obtain prompt, efficient service, remember to give the Dealer the correct part number, description and quantity.

When ordering parts for your machine, please provide the following:

1. The PART NUMBER of the part.
3. The PART DESCRIPTION.
4. The QUANTITY needed.

Model Number / Serial Number Location

Always give your authorized Norwood dealer the model number and serial number of your Yieldtrac Planter 32R-15 product when ordering parts, requesting service, or any other information to provide the most efficient service.

The model number / serial number is identified in (Fig. # 1-1) below.

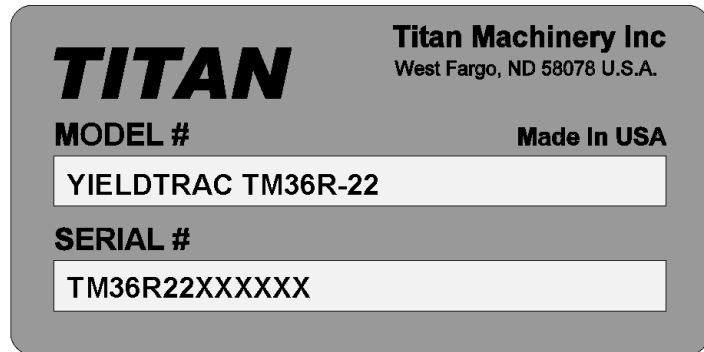


Fig. # 1-1 Model Number / Serial Number Decal

The model number / serial number is located where indicated below. (See Fig. # 1-2)

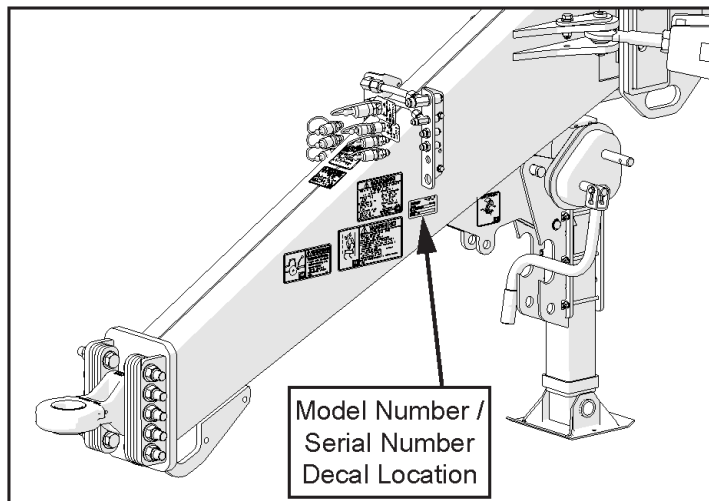


Fig. # 1-2 Model / Serial Number Decal Location

Case IH Planter Content Model Number / Serial Number Location

Always give your authorized Yieldtrac planter dealer the model number and serial number of your Case IH planter content (Wholegood) when ordering parts, requesting service, or any other information to provide the most efficient service.

The model number / serial number is identified in (Fig. # 1-3) below.

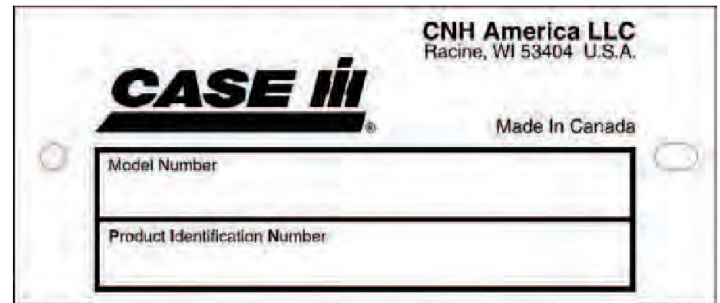


Fig. # 1-3
Model Number/Serial Number Decal

The model number / serial number is located where indicated below. (See Fig. # 1-4)

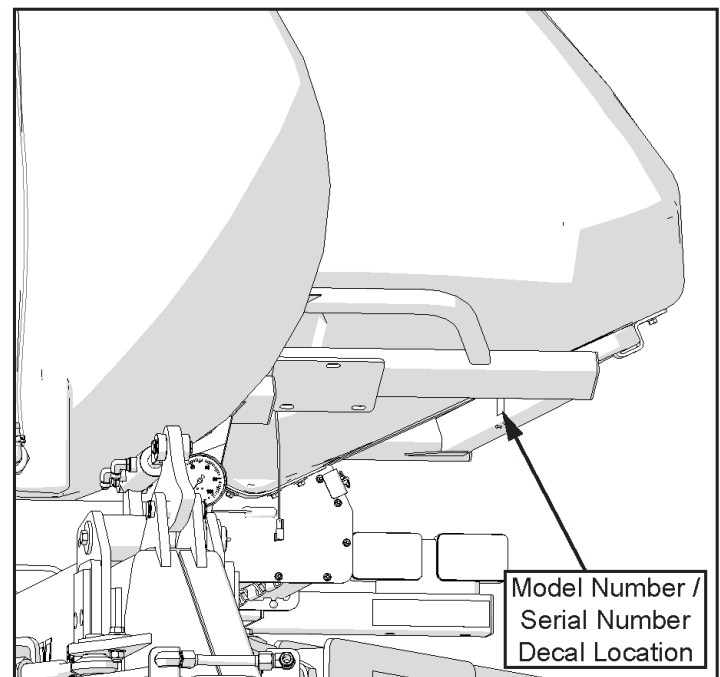
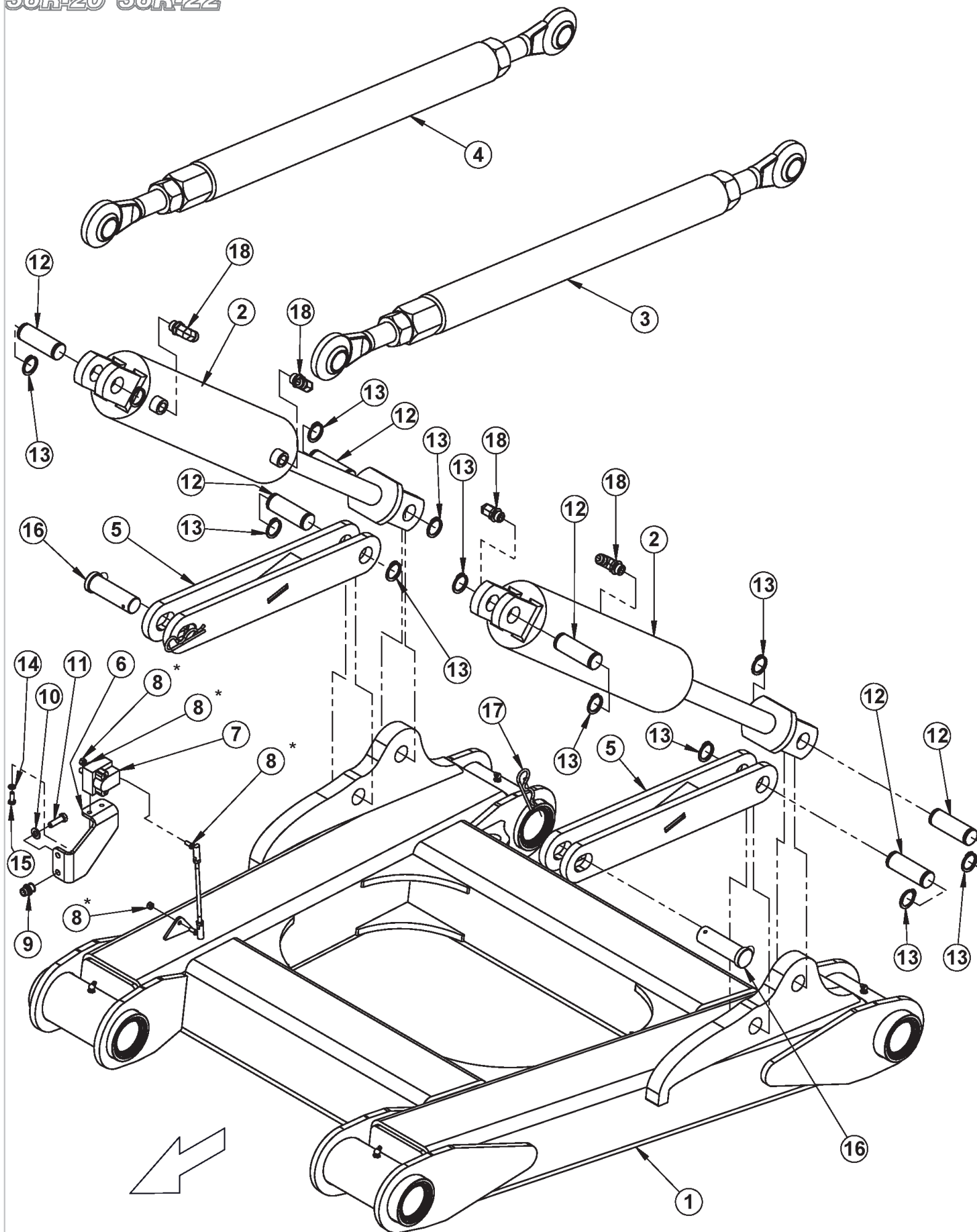


Fig. # 1-4 Model / Serial Number Decal Location On Bulk Fill Assembly

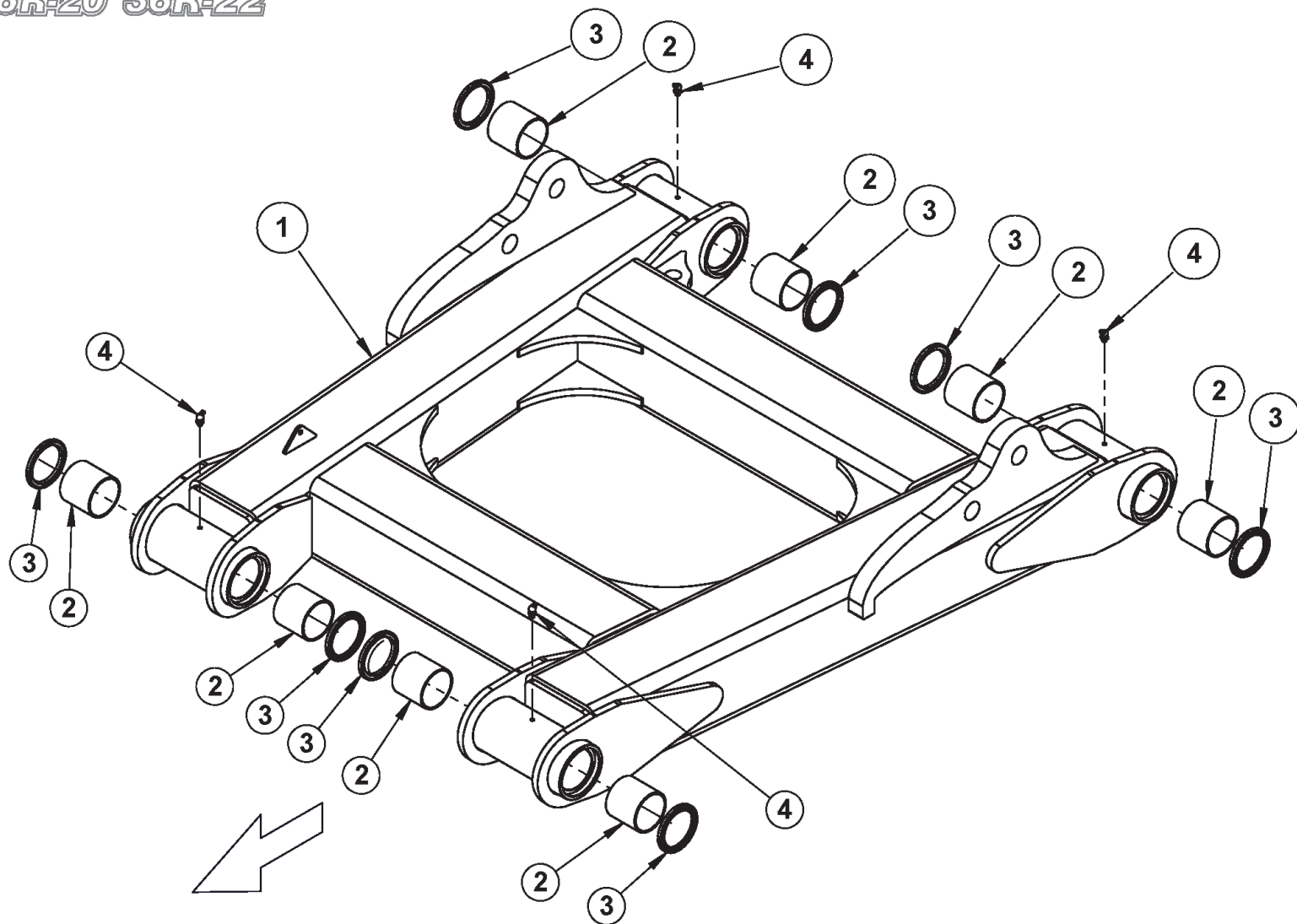


TA01206 Assy, Complete Lift

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TA01214	Assy, Main Lift	1	
2	TA01234	Cylinder, Hyd 4.5X14.00 Reph	2	
3	TA00613	Upper Link Assy	1	
4	TA00613	Upper Link Assy	1	
5	TW001171	Wldmt, Cylinder Stop Link	2	
6	T0053846	Bracket, Height Sensor	1	
7	404202A1	Sensor Rotary Position	1	
8	TA00630	Assy, Position Sensor Link	1	
9	RN-0.375-16-.31-.44-Y	Rivnut, 3/8-16 UNC .31-.44 GR	2	
10	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	2	
11	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	2	
12	PIN-1.250X3.25Y	Pin-1.2500x3.250-YZ	6	
13	SRING-EXT-HD-1.25Y	SRING-EXT-HD-1.25Y	12	
14	LW-0.250Y	Washer, Split Lock 1/4" YZ	2	
15	HB-0.250-20X0.75Y8	Bolt, Hex Hd 1/4-20x3/4-YZ8	2	
16	CLPIN-1.250X4.00Y	Clevis Pin, Ø1.25" X 4" YZ	2	
17	HPINCLIP-1.250Y	Hair Pin Clip-Ø1.2500" YZ	2	
18	AD-08MJ-08MB-90	ADAPTER 08MJ-08MB 90	4	

Note:

1. * Items marked with an asterisk are items that are included in that particular part or assembly.

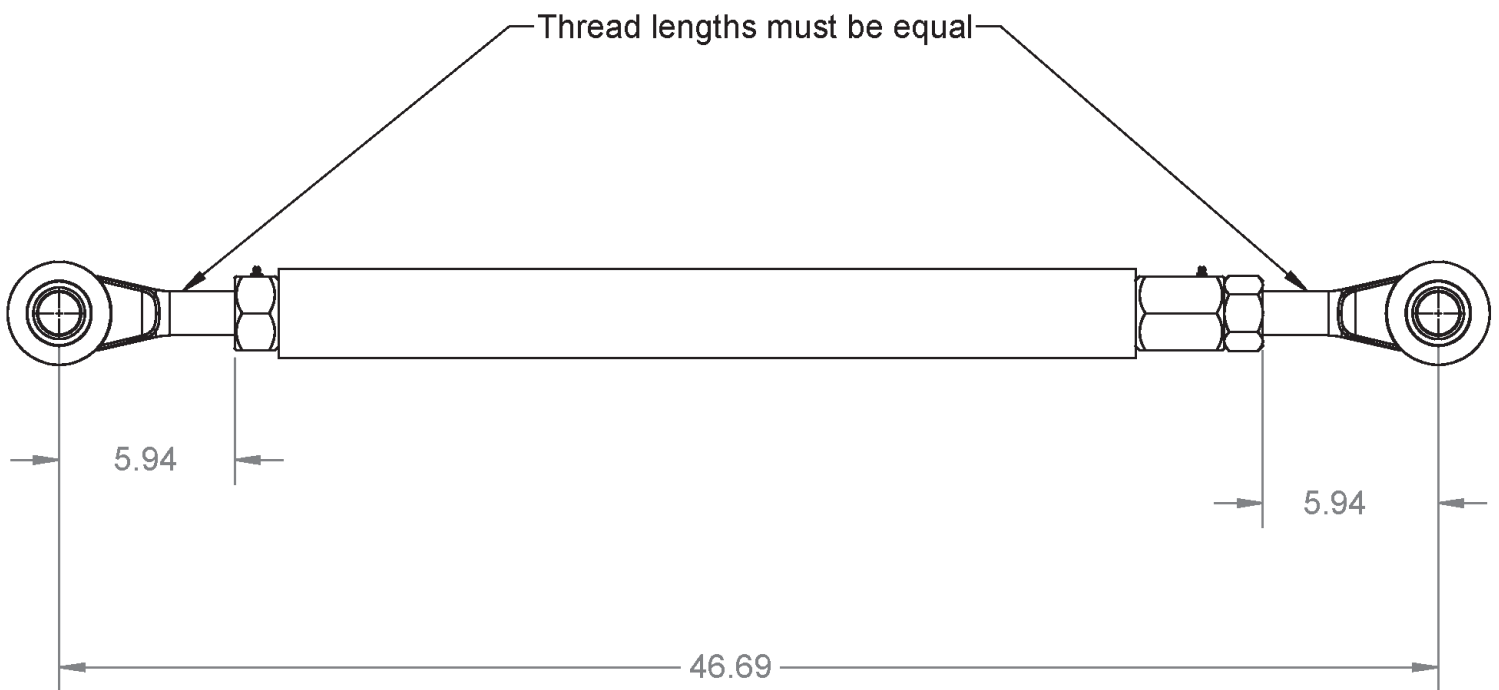
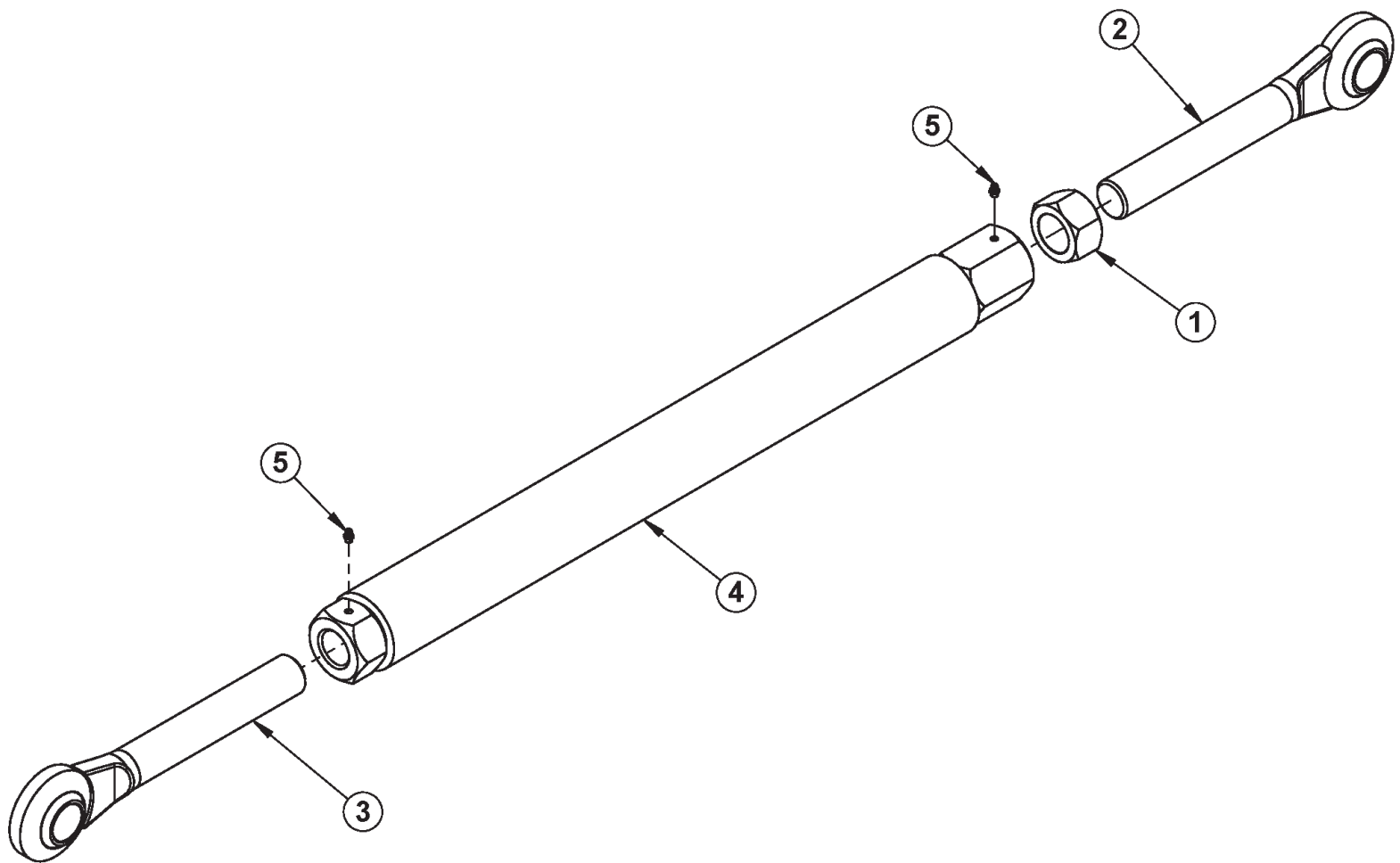


TA01214 Assy, Main Lift

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW001130	Wldmt, Main Lift	1	
2	PB-2.500X2.75X2.50	Bush, Polygon 2.500x2.75x2.50	8	
3	T0051584	2.50 Grease Seal	8	
4	ZERK-0.250-28X45	Zerk-1/4-28x45Deg	4	

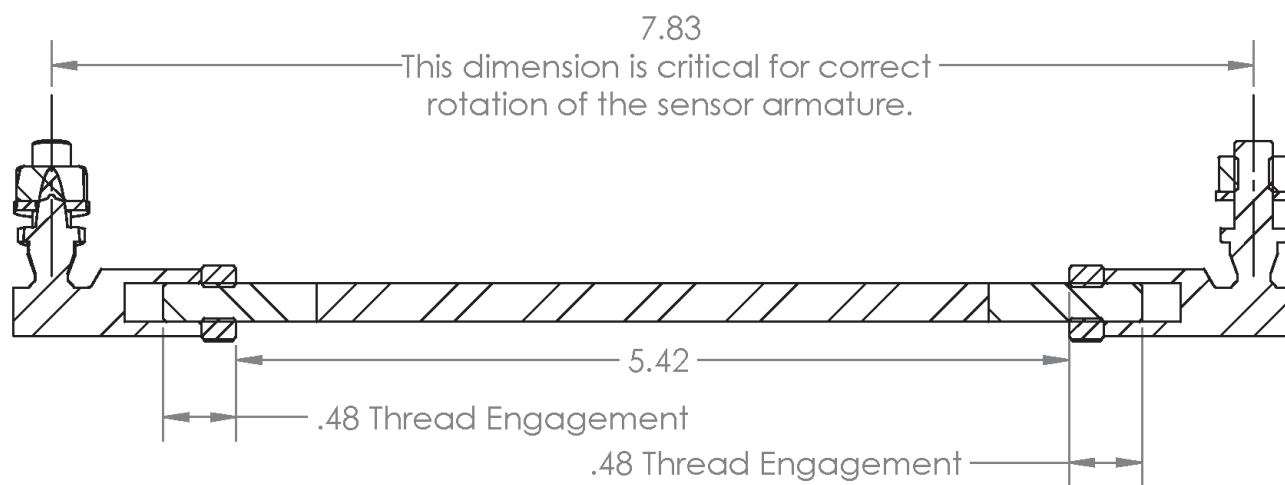
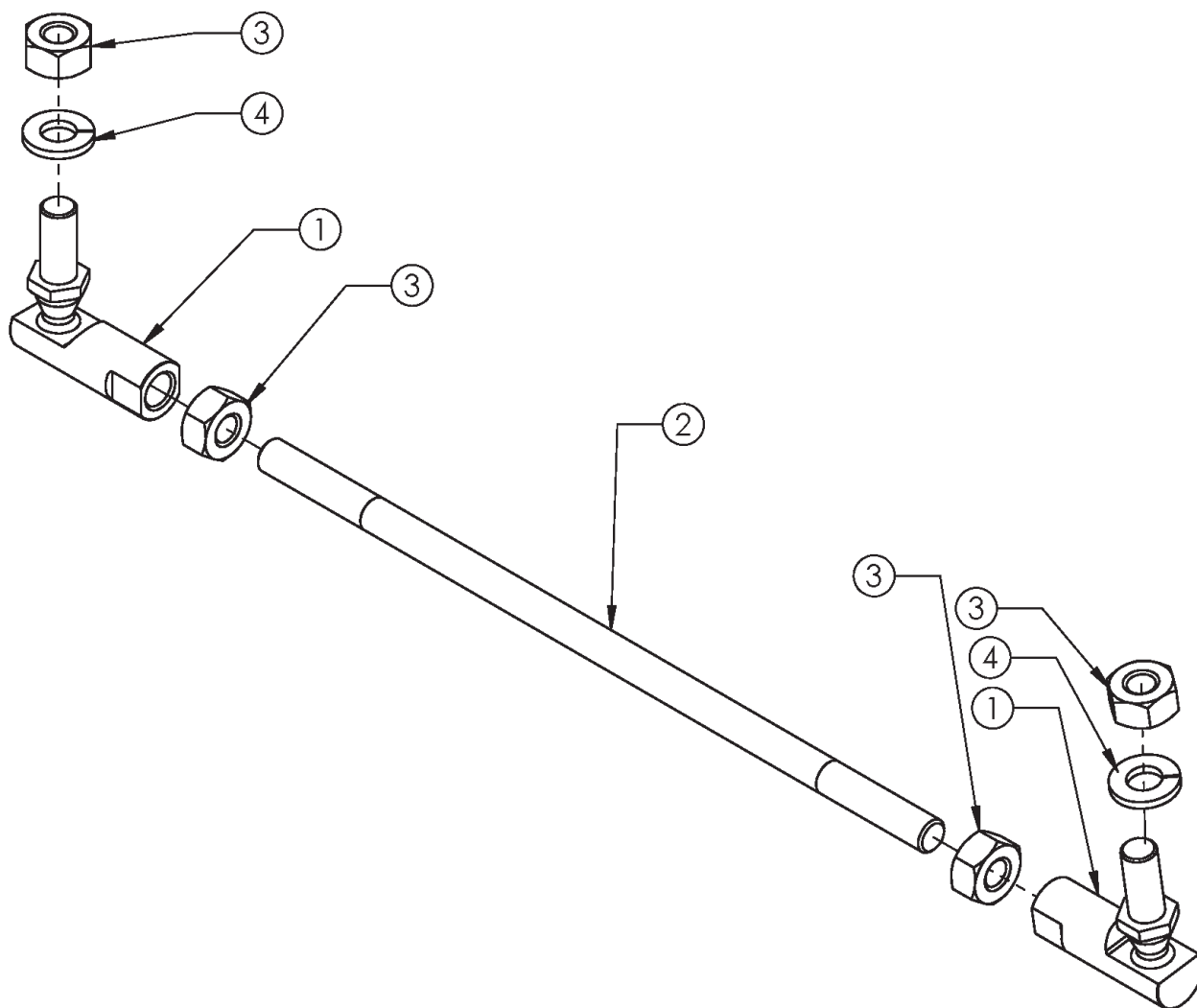
Note:

1. T=XXX = Torque, and is expressed in ft-lbs.



TA00613 Upper Link Assy

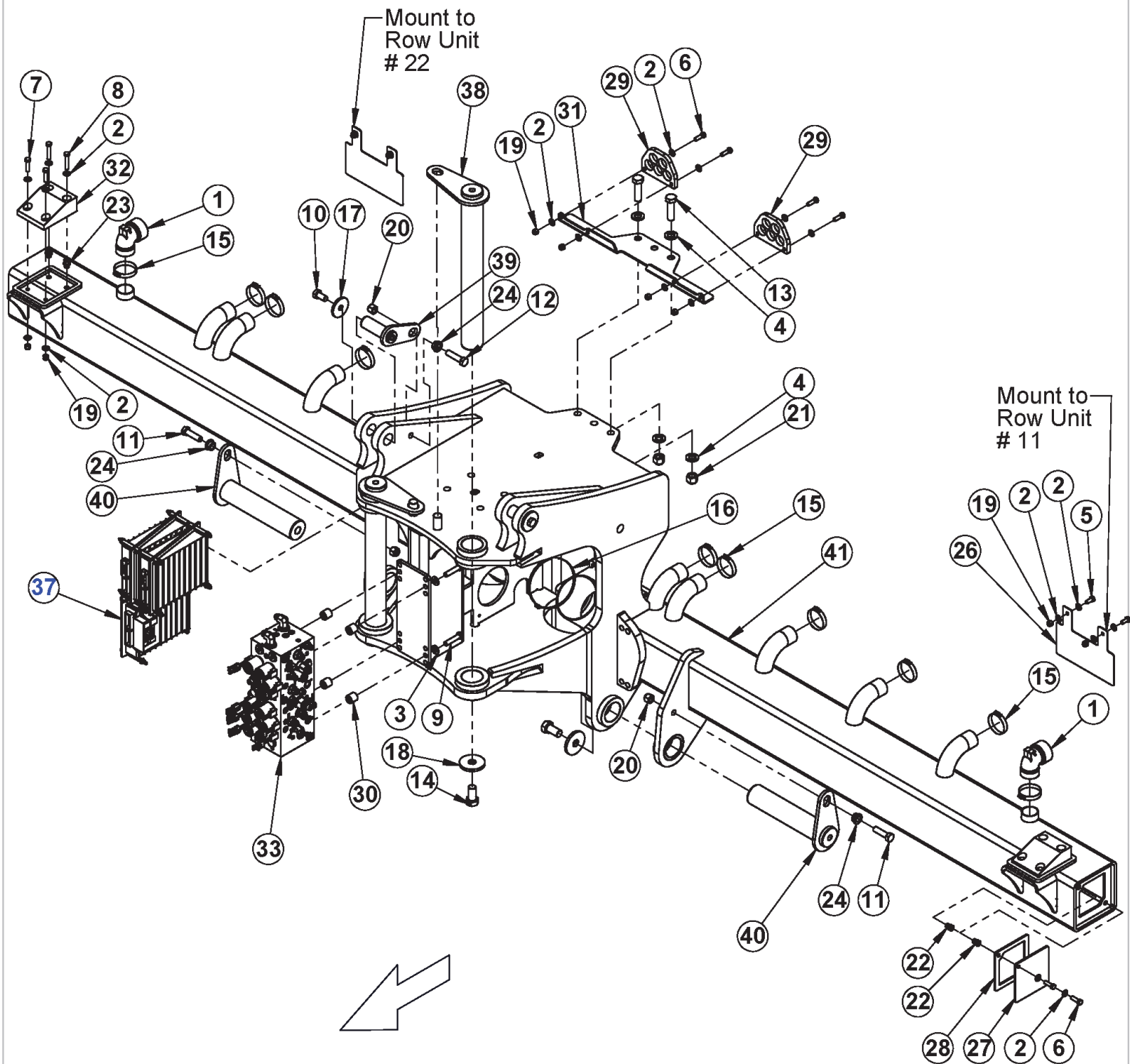
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HNUT-1.500-6Y8	Nut, Hex 1-1/2-6 YZ8	1	
2	T0051213	RH End Link	1	
3	T0051214	LH End Link	1	
4	TW000618	Upper Link Weldment	1	
5	ZERK-0.250-28	Zerk, 1/4-28	2	



SECTION A-A
SCALE 1 : 1.25

TA00630 Assy, Position Sensor Link

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	BJ-0.250-28X90Y	BJoint-0.2500-28x90-YZ	2	
2	BJROD-0.250-28X6.38Y	BJoint-Rod 1/4-28x6-3/8-YZ	1	
3	HNUT-0.250-28Y8	Nut, Hex 1/4-28 YZ8	4	
4	LW-0.250Y	Washer, Split Lock 1/4" YZ	2	

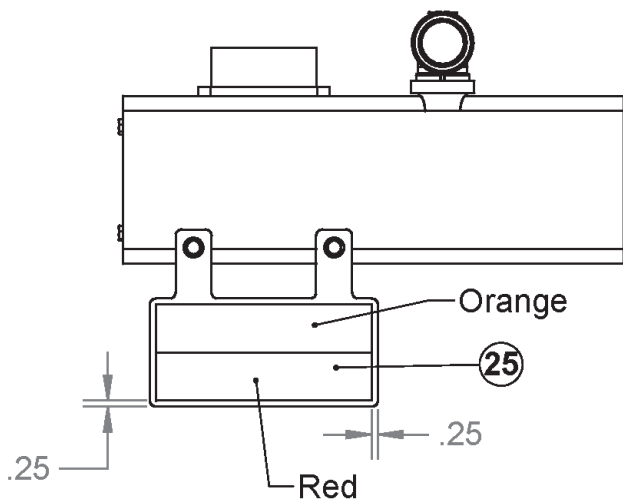
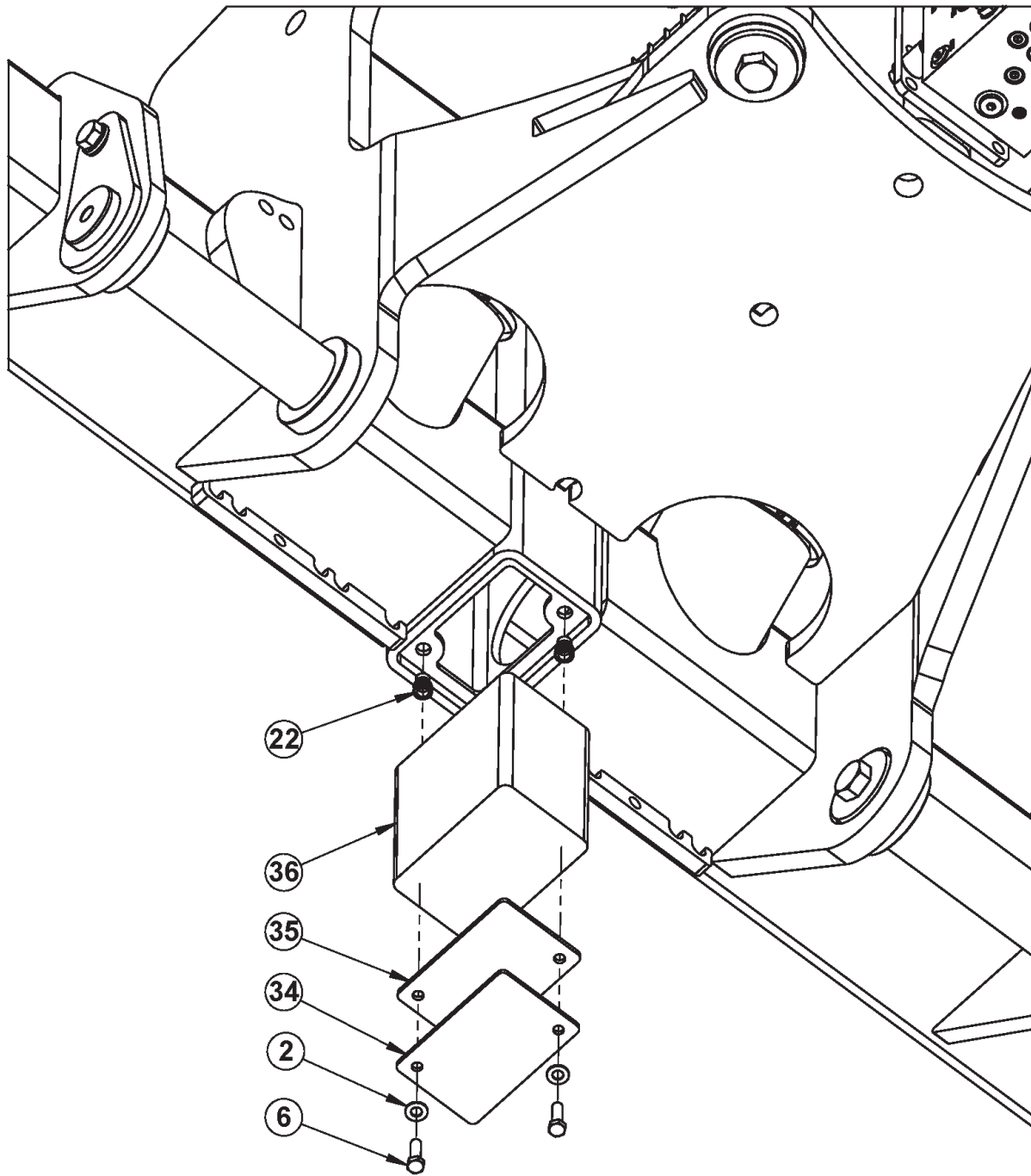


TA01817 Assy, 32R15 Center Bar Base

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	84416530	Elbow, Vacuum	2	
2	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	34	
3	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	4	
4	FW-SAE-0.750Y	Washer, Flat-SAE 3/4 YZ	4	
5	HB-0.375-16X0.88Y8	Bolt, Hex Hd 3/8-16x7/8-YZ8	4	
6	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	10	
7	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	4	
8	HB-0.375-16X2.00Y8	Bolt, Hex Hd 3/8-16x2-YZ8	4	
9	HB-0.500-13X2.25Y8	Bolt, Hex Hd 1/2-13x2-1/4 YZ8	4	
10	HB-0.625-11X1.25Y8	Bolt, Hex Head-5/8-11x1.25-YZ8	2	
11	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	2	
12	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	2	
13	HB-0.750-10X2.75Y8	Bolt, Hex Hd 3/4-10x2-3/4-YZ8	2	
14	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	4	
15	HCLMP-SAE-32SS	HClamp-SAE-32-SS	13	
16	HCLMP-SAE-612SS	HClamp-SAE-612-SS	2	
17	HDWSH-0.64X2.50Y	HD Washer 0.64 x 2.50	2	
18	HDWSH-0.89X3.00Y	HD Washer 0.89 x 3.00	4	
19	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	12	
20	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	4	
21	NLNUT-0.750-10Y8	Nut, Nylock 3/4-10-YZ8	2	
22	RN-0.375-16-.15-.31Y	Rivnut, 3/8-16 .150-.312 YZ	6	
23	RN-0.375-16-.31-.44-Y	Rivnut, 3/8-16 UNC .31-.44 GR	4	
24	T0050854	Anti Rotation Insert	4	
25	T0051727	Decal, Refl Red,Orange-2x18	2	
26	T0051736	Brckt, Rear Row Unit Reflector	2	
27	T0052124	Clean Out Cover	2	
28	T0052125	Seal, Clean Out Cover	2	
29	T0052450	Guide, Hose Seed Tube Cen Fr	2	
30	T0052525	Spacer, L&F Valve	4	
31	T0054208	Brkt, Seed Hose Mtg	1	
32	T0054271	Slider Block	2	
33	T0054378	Valve Assy, Lift & Fold	1	
34	T0054651	Clean Out Cover	1	
35	T0054652	Seal, Clean Out Cover	1	
36	T0054653	Foam Block	1	
37	TA01216	Assy, ECU	1	
38	TW001008	Pin Weldment	2	
39	TW001009	Pin Weldment	2	
40	TW001012	Pin Weldment	2	
41	TW001400	Wldmt, 15" Center Bar	1	

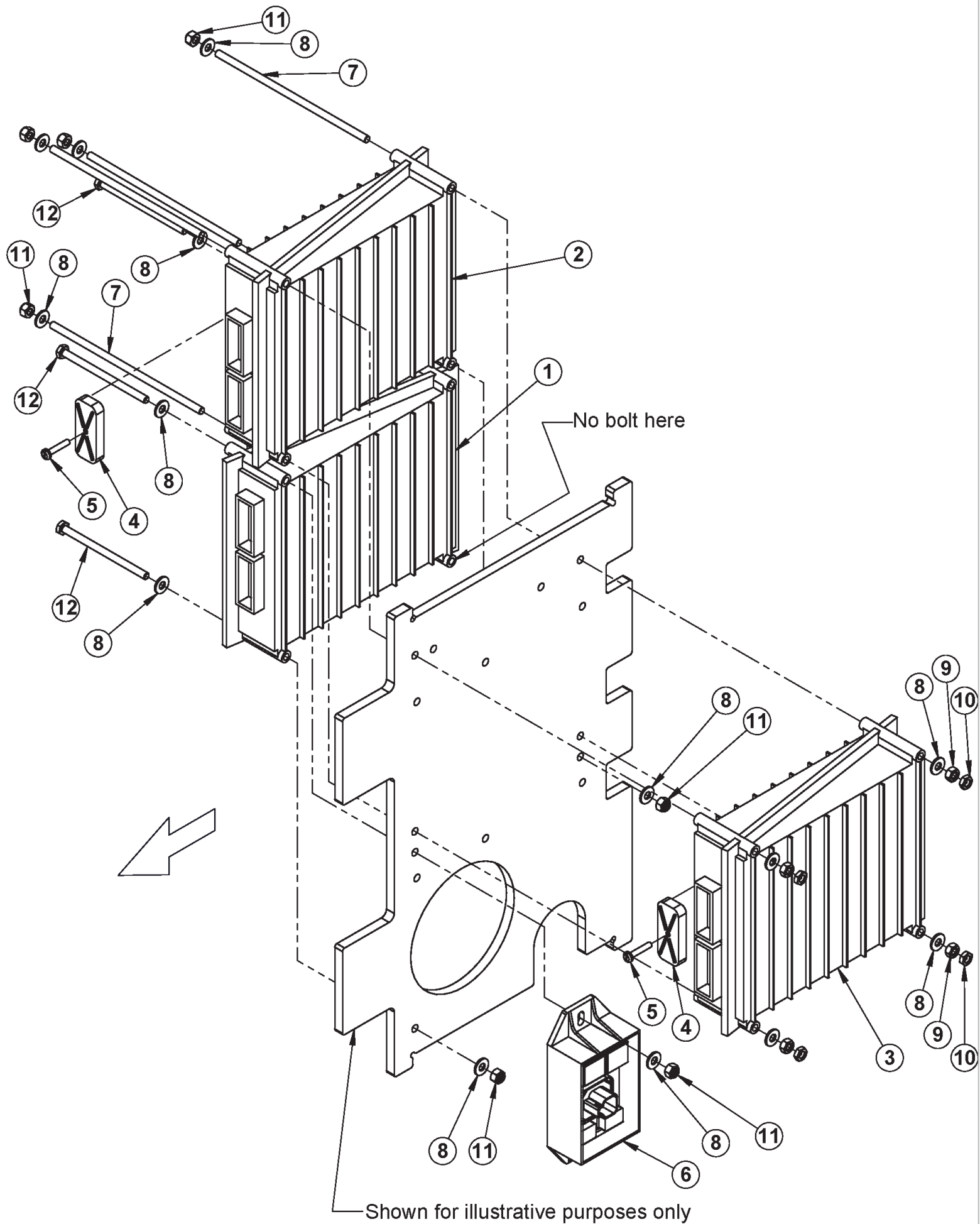
Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



TA01817 Assy, 32R15 Center Bar Base

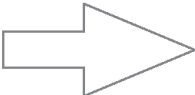
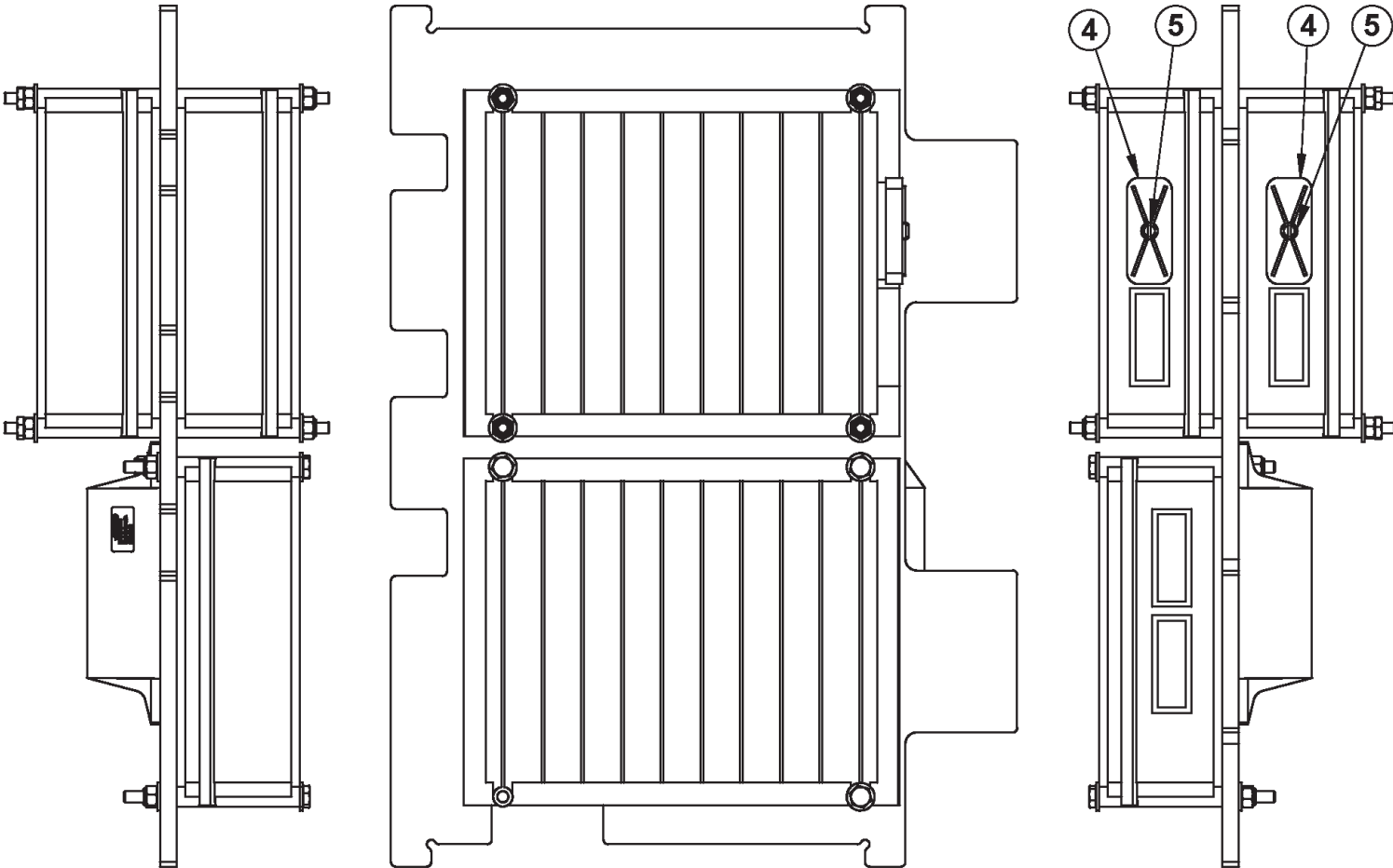
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
2	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	34	
6	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	10	
22	RN-0.375-16-.15-.31Y	Rivnut, 3/8-16 .150-.312 YZ	6	
25	T0051727	Decal, Refl Red,Orange-2x18	2	
34	T0054651	Clean Out Cover	1	
35	T0054652	Seal, Clean Out Cover	1	
36	T0054653	Foam Block	1	

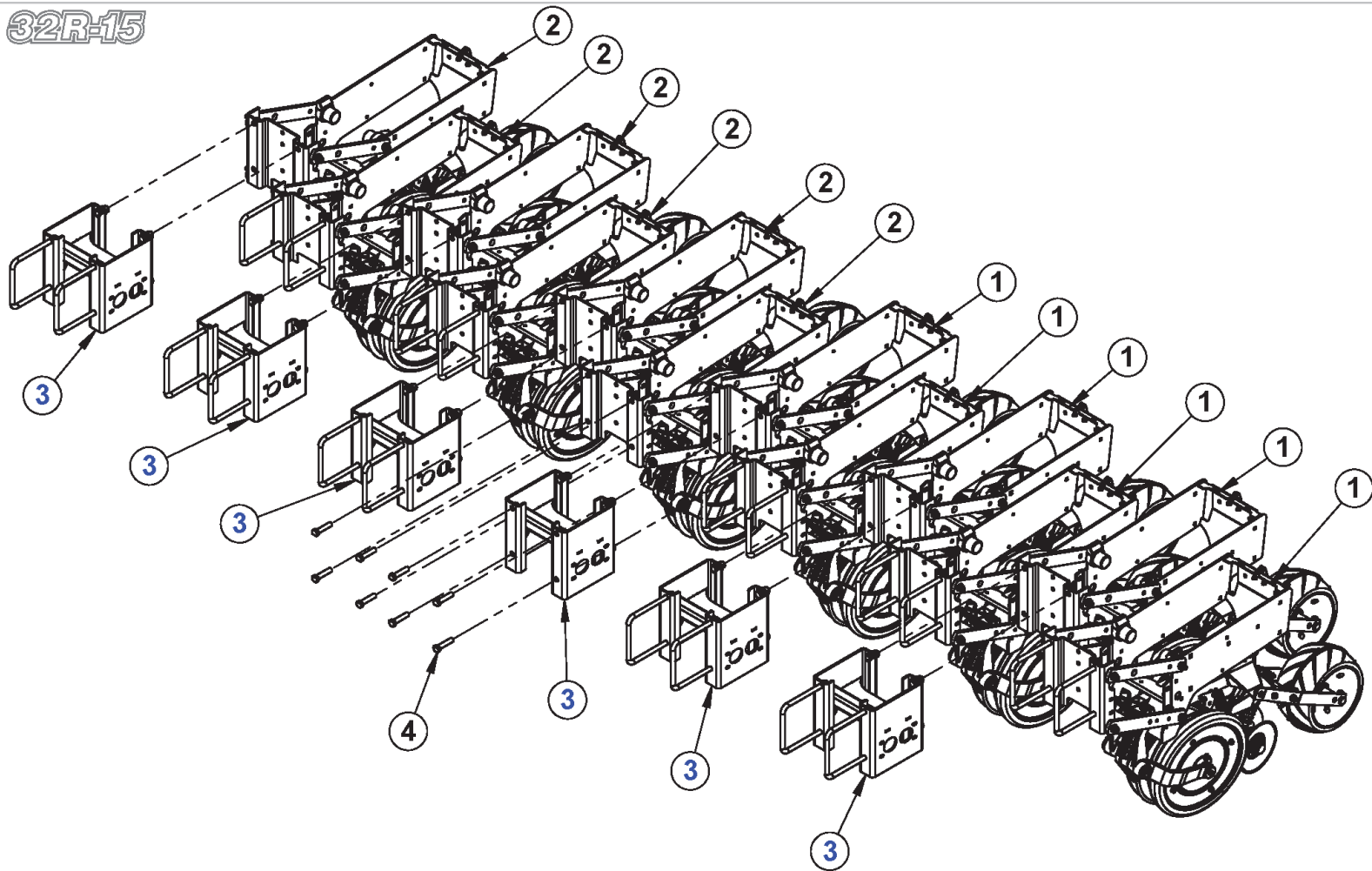


TA01216 Assy, ECU

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	84485907	MODULE, RATE, DUAL CAN, IB	1	
2	87588172	MODULE, FRM,IB	1	
3	87588172	MODULE, FRM,IB	1	
4	425269A1	Dust Cap 30-Pin	2	
5	470-11016	SL-PHMS #10-24x1.000-YZ	2	
6	86561136	Module, Impl Lighting Control	1	
7	T0054644	Rod, Thrd 1/4-20UNC X 7.25	4	
8	FW-SAE-0.250Y	Washer, SAE Flat 1/4-YZ	14	
9	HNUT-0.250-20Y8	Nut, Hex 1/4-20 YZ8	4	
10	JNUT-0.250-20Y8	Nut, Jam 1/4-20-YZ8	4	
11	NLNUT-0.250-20Y8	Nut, Nylock 1/4-20-YZ8	7	
12	HB-0.250-20X4.00Y8	Bolt, Hex Hd-1/4-20x4-YZ8	3	

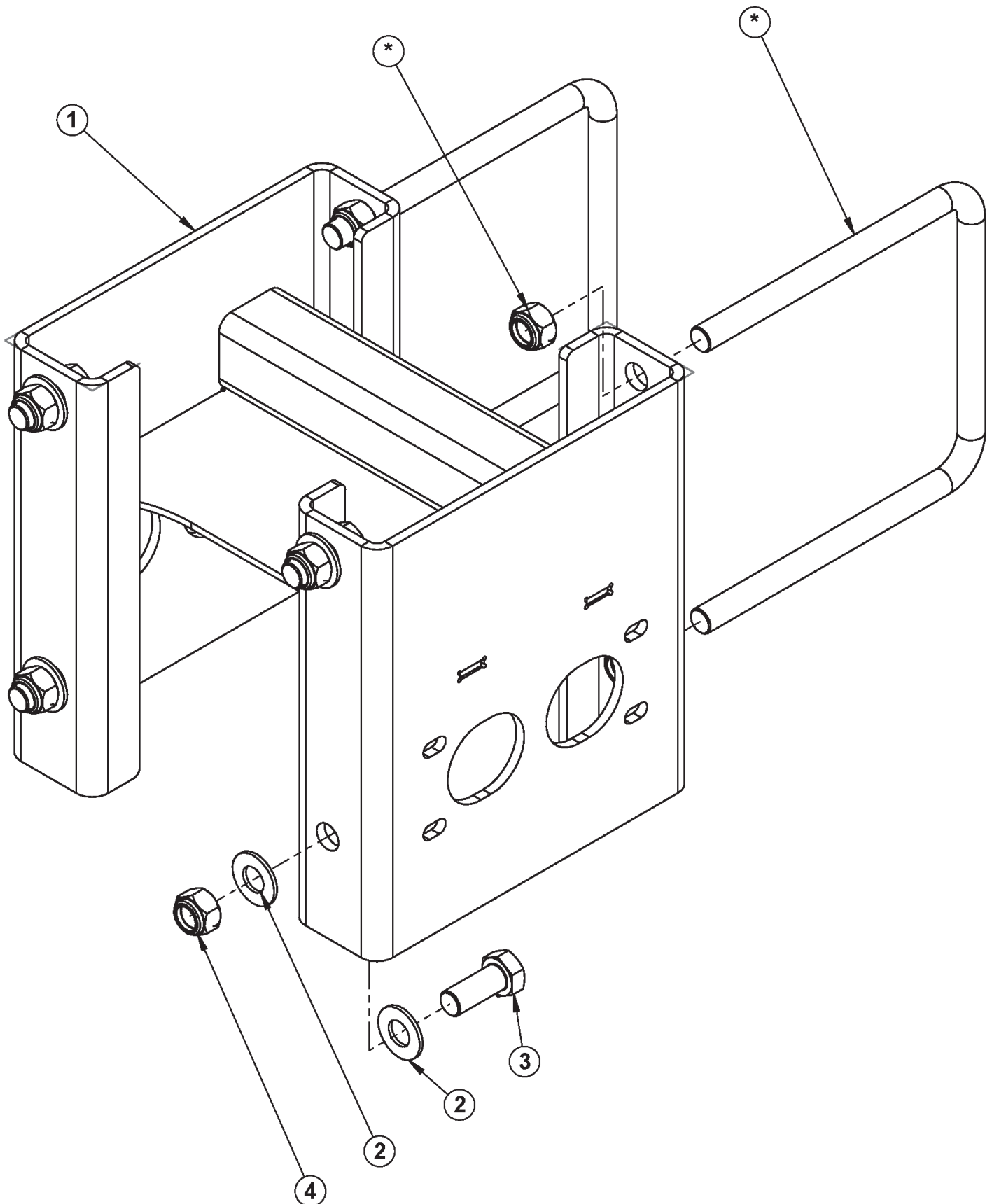
Note:
1. Item's 7, 8, 9, & 10 Harnesses are not included in this isometric representation for the assembly.





TA01816 Assy, 32R15 Center Bar RUs

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	47892033	LH Row Unit	6	
2	47892036	RH Row Unit	6	
3	TA01134	Assy, Row Unit Extention	6	
4	TB-0.625-11X2.75Y8	TBolt-5/8-11x2.75-YZ8	8	

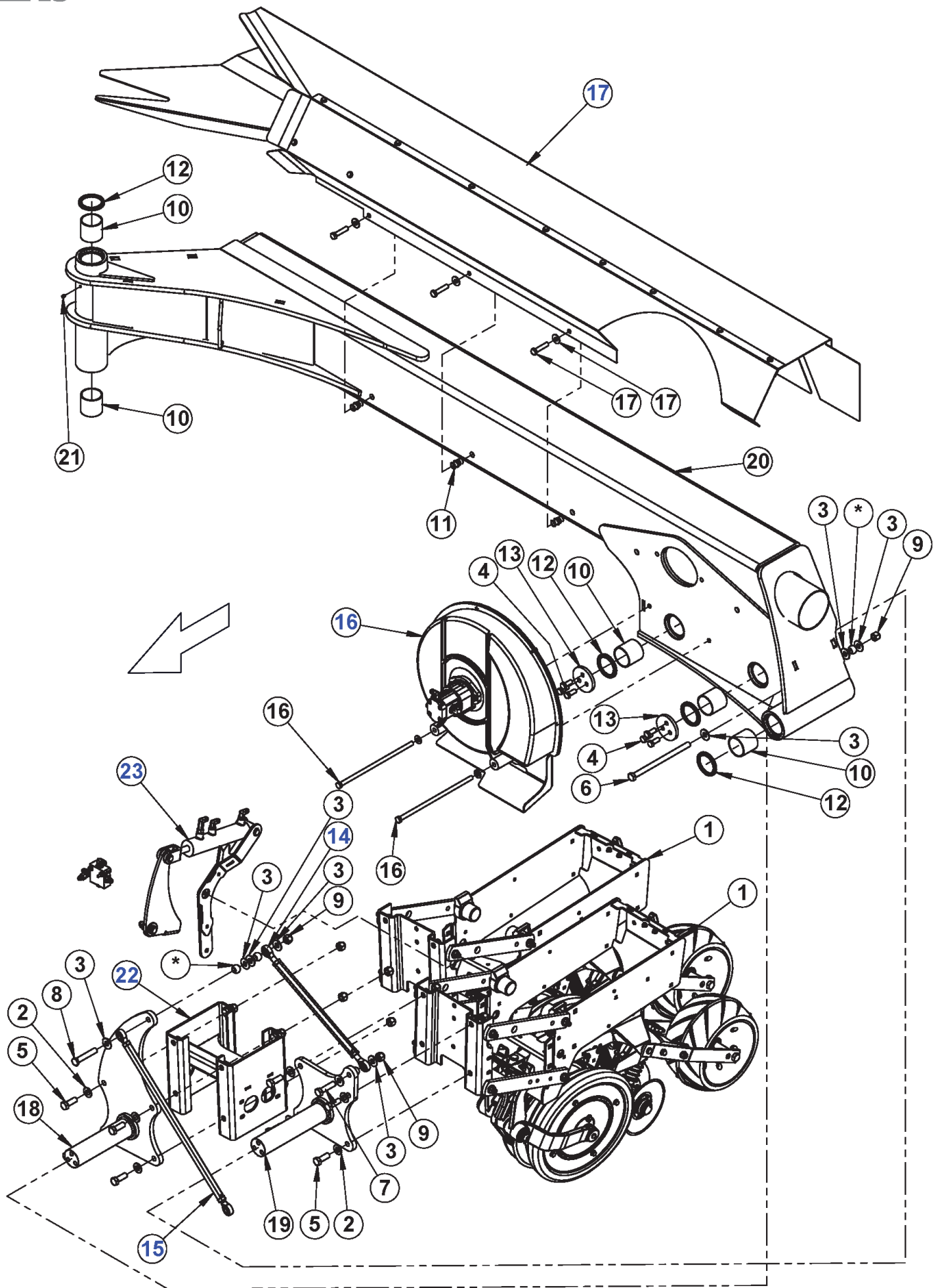


TA01134 Assy, Row Unit Extention

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TW001078	RU Offset Brkt Weld	1	
2	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	8	
3	HB-0.625-11X1.50Y8	HBolt-0.6250-11x1.500-YZ8	4	
4	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	4	

Notes:

1. * Items marked with an asterisk are items that are included in a seperate assembly

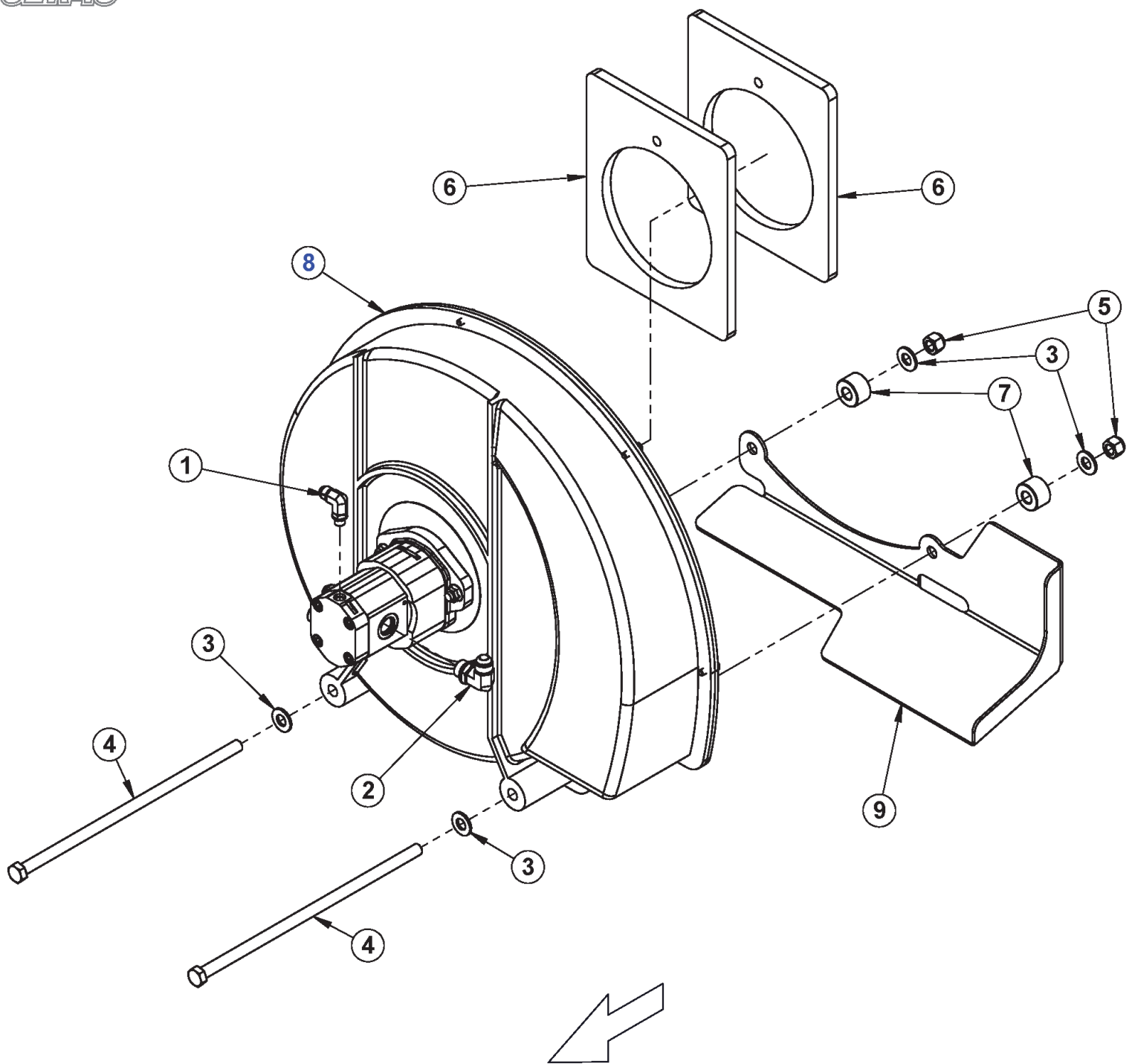


TA01819 Assy, 32R15 LH Stub Arm

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	47892033	LH Row Unit	2	
2	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	8	
3	FW-USS-0.563YTH	Washer, FI 9/16 USS Th-Hrd YZ	10	
4	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	6	
5	HB-0.625-11X1.75Y8	Bolt, Hex Head-5/8-11x1.75-YZ8	8	
6	HB-0.625-11X10.00Y8	Bolt, Hex Head-5/8-11x10.0-YZ8	1	
7	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	1	
8	HBSH-0.625-11X3.50Y8	Bolt, Hex Hd-5/8-11x3-1/2-YZ8	1	
9	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	7	
10	PB-2.500X2.75X2.50	Bush, Polygon 2.500x2.75x2.50	8	
11	RN-0.500-13-.35-.50Y	Rivnut, 1/2-13 .350-.500 GR	6	
12	T0051584	2.50 Grease Seal	7	
13	T0054041	Washer, RU Pivot	2	
14	TA01108	Tie Rod Assy	1	
15	TA01109	Tie Rod Assy	1	
16	TA01868	Assy, Fan W/ Shield 32R15	1	
17	TA01867	Assy, LH Stub Arm Shield W/Fan 32R15	1	
18	TW001069	Row Unit Pivot Weld	1	
19	TW001071	Row Unit Pivot Weld	1	
20	TW001401	Wldmt, 32R15 LH Stub Arm	1	
21	ZERK-0.250-28	Zerk, 1/4-28	2	
22	TA01134	Assy, Row Unit Extention	1	
23	TA01837	Assy, 1200 Hyd Row Lift	1	

Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.

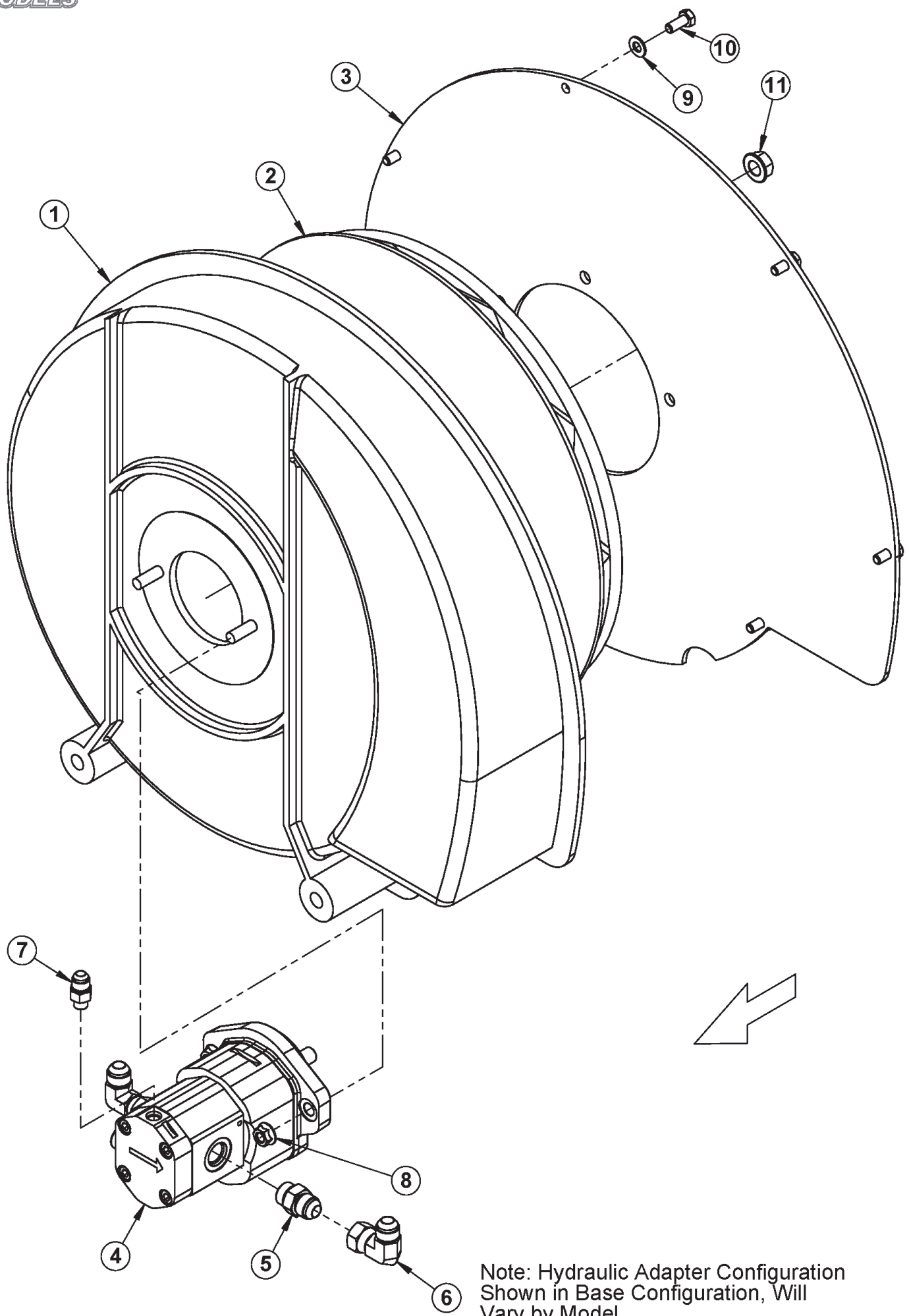


TA01868 Assy, Fan W/ Shield 32R15

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	AD-06MJ-04MB-90	ADAPTER 06MJ-04MB 90	1	
2	AD-08MJ-08MB-90	ADAPTER 08MJ-08MB 90	1	
3	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	4	
4	HB-0.500-13X13.00Y8	Bolt, Hex Hd 1/2-13x13 YZ8	2	
5	NLNUT-0.500-13Y8	Nut, Nylock 1/2-13 YZ8	2	
6	T0052360	Seal, Vacuum Fan to Plenum	2	
7	T0054072	Spacer	2	
8	TA01208	Fan, Vacuum w/Motor 6cc	1	
9	T0055856	Plate, Fan Deflector	1	

Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



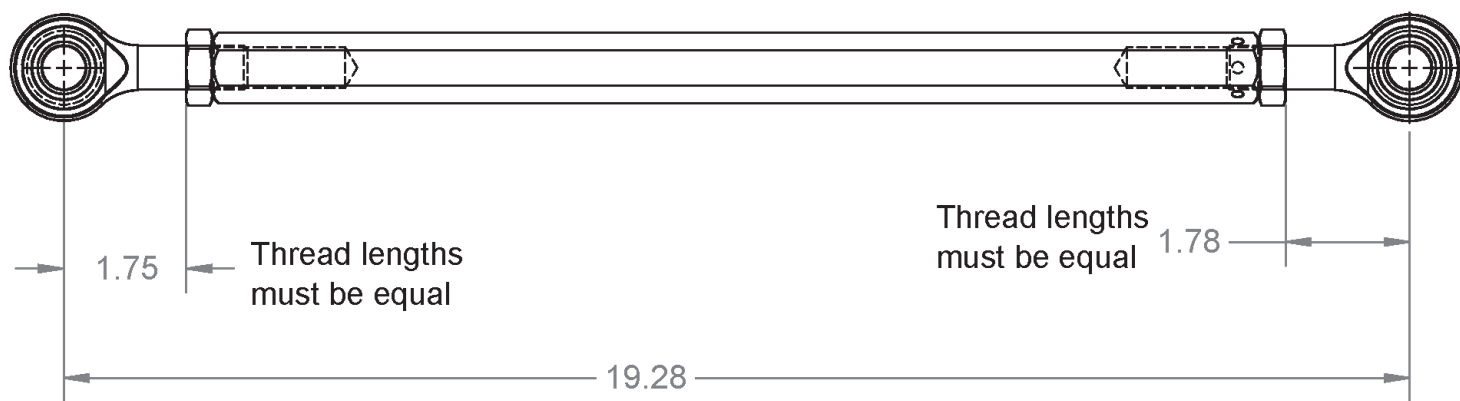
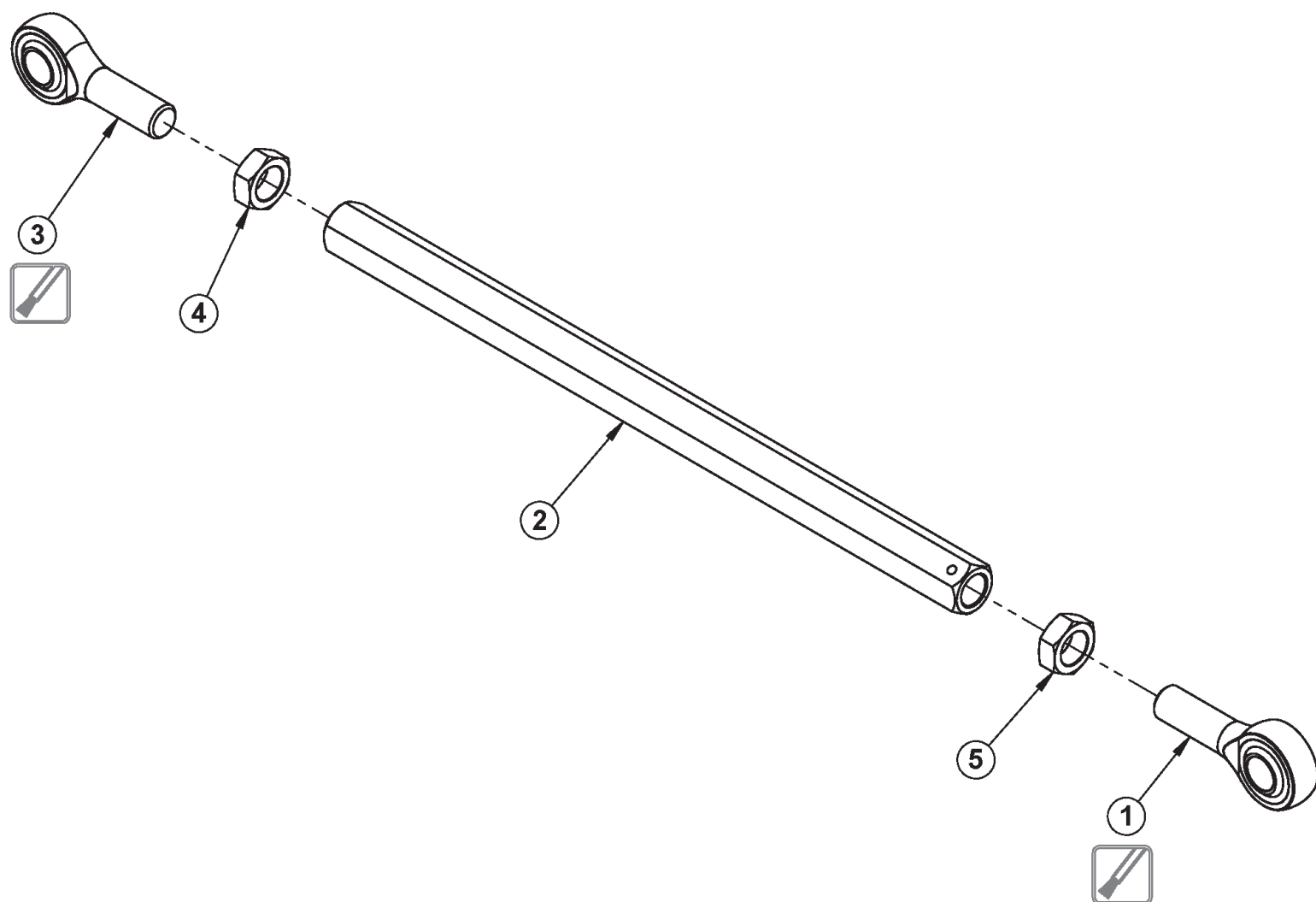
Note: Hydraulic Adapter Configuration
Shown in Base Configuration, Will
Vary by Model

TA01208 Fan, Vacuum w/Motor 6cc

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0051281	Housing, Fan	NSS	
2	T0051199	Impeller, Fan	NSS	
3	T0051282	Plate, Fan Back	NSS	
4	T0054396	Kit, 6cc Motor Upgrade	1	
5	AD-08MJ-08MB	Adapter, 08MJ-08MB	2	
6	AD-08MJ-08FJX-90	Adapter, 08MJ-08FJX 90	2	
7	AD-06MJ-04MB	Adapter, 06MJ-04MB	1	
8	FLSHN-0.375-16C5	Nut, Ser Hex Flange 3/8-16 CZ5	2	30
9	FW-SAE-0.313C5	Washer, Flat SAE 5/16 CZ5	7	
10	HB-0.313-18X0.75C5	Bolt, Hex Hd 5/16-18x3/4 CZ5	7	20
11	FLSHN-0.500-20C5	Nut, Ser Hex Flange 1/2-20 CZ5	1	65

Note:

1. T=XXX = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified).
2. * Items marked with an asterisk are items that are included in that particular part or assembly.

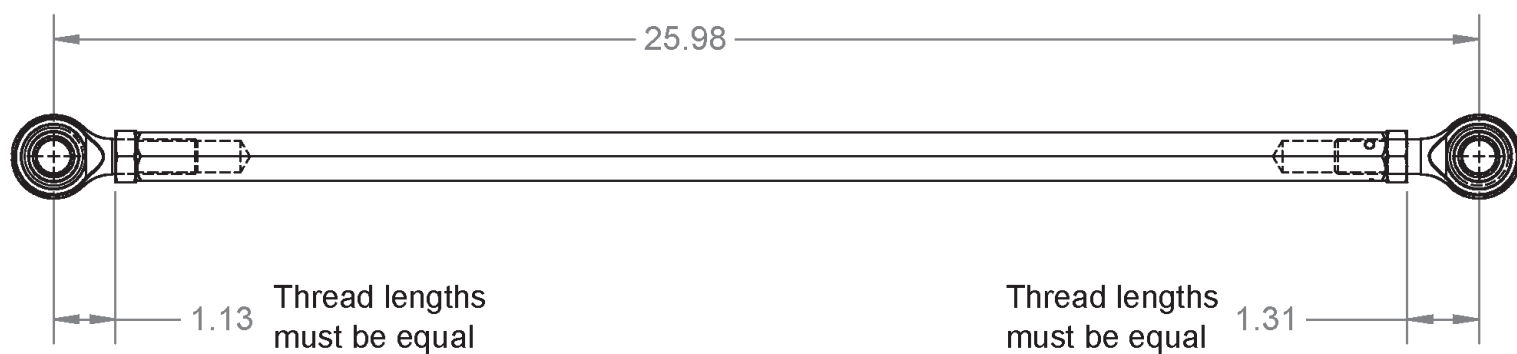
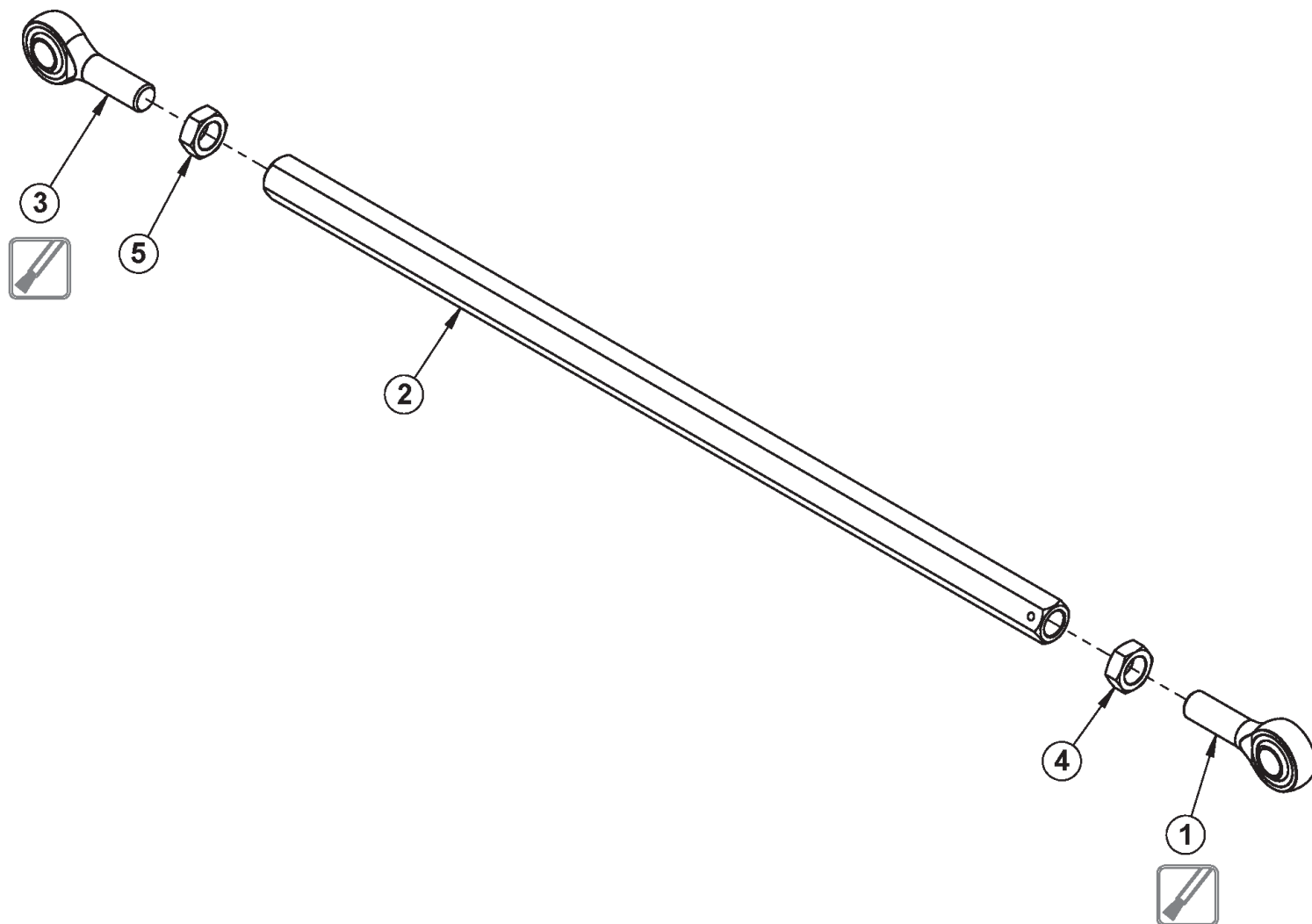


TA01108 Tie Rod Assy

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	JNUT-0.625-18Y8	Nut, Jam-5/8-18-YZ8	1	
2	JNUT-0.625-18Y8LH	Nut, Jam-5/8-18-YZ8LH	1	
3	T0054050	Turn Buckle	1	
4	TA01106	Rod End RH	1	
5	TA01107	Rod End LH	1	

Note:

1.  = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.
3.  Apply anti-seize on threads before assembly.

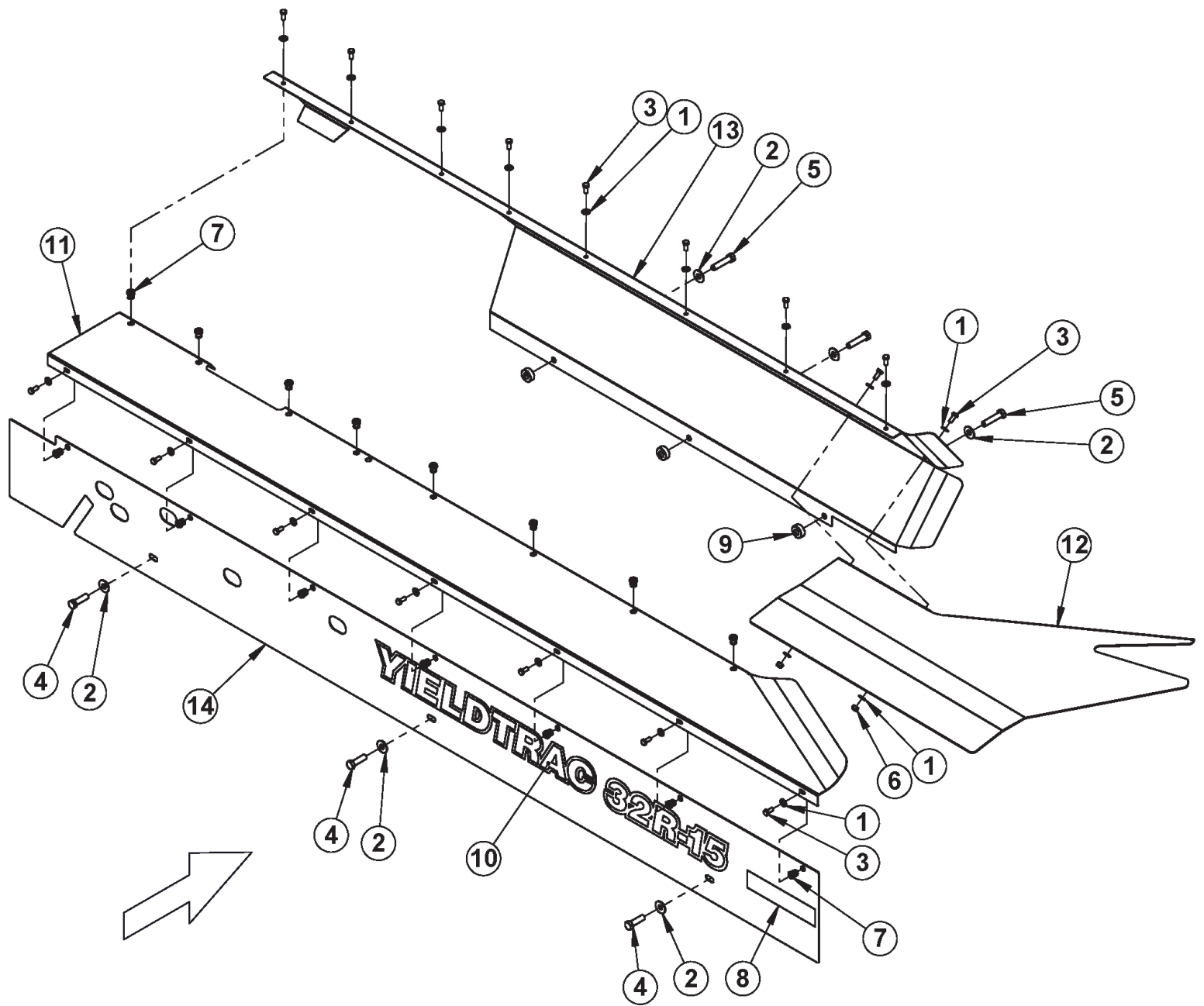


TA01109 Tie Rod Assy

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	JNUT-0.625-18Y8	Nut, Jam-5/8-18-YZ8	1	
2	JNUT-0.625-18Y8LH	Nut, Jam-5/8-18-YZ8LH	1	
3	T0054051	Turn Buckle	1	
4	TA01106	Rod End RH	1	
5	TA01107	Rod End LH	1	

Note:

1. T=XXX = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.
3.  Apply anti-seize on threads before assembly.

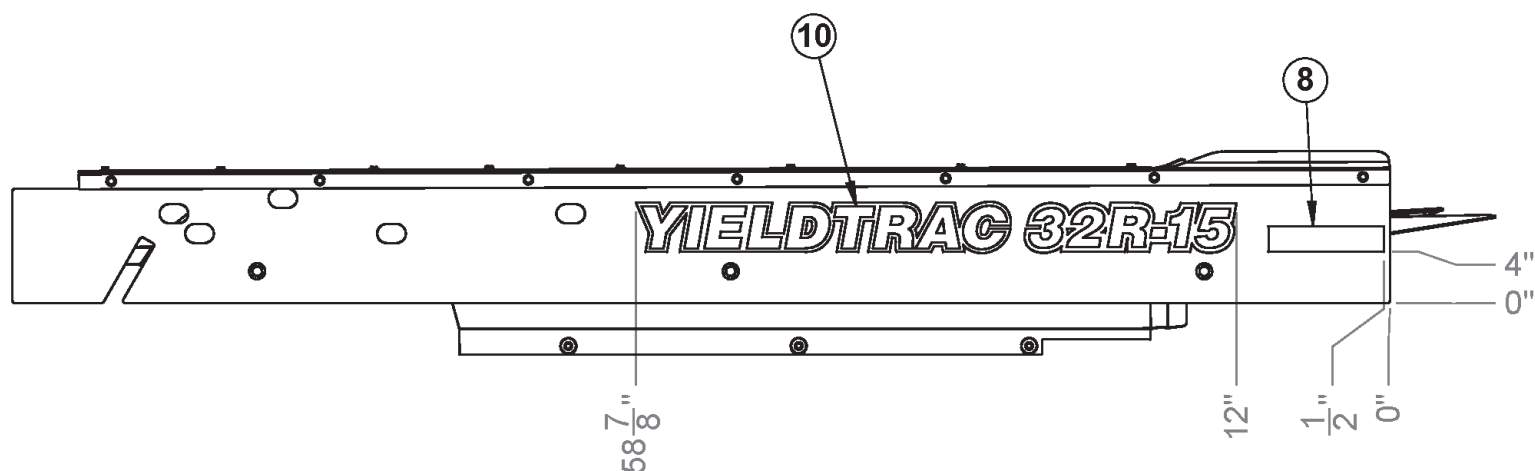


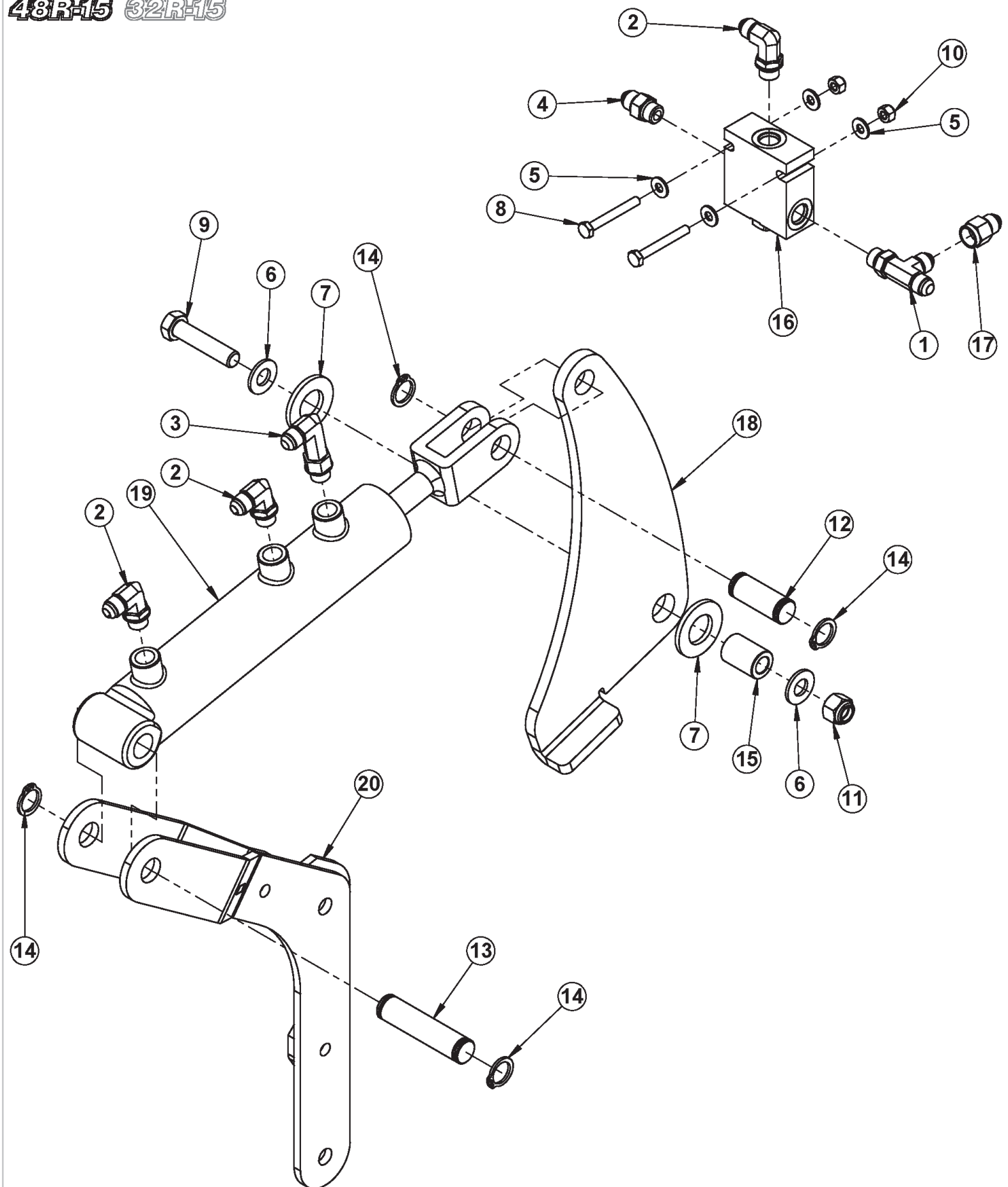
TA01867 Assy, LH Stub Arm Shield W/Fan 32R15

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	FW-USS-0.250Y	Washer, Flat USS 1/4" YZ	19	
2	FW-USS-0.438Y	Washer, Flat-USS 7/16-YZ	6	
3	HB-0.313-18X0.75Y8	Bolt, Hex Hd 5/16-18x3/4-YZ8	17	
4	HB-0.500-13X1.75Y8	Bolt, Hex Hd 1/2-13x1-3/4 YZ8	3	
5	HB-0.500-13X2.25Y8	Bolt, Hex Hd 1/2-13x2-1/4 YZ8	3	
6	NLNUT-0.313-18Y8	Nut, Nylock 5/16"-18-YZ8	2	
7	RN-0.313-18-.03-.15Y	Rivnut, 5/16-18 UNC .027-.150	15	
8	T0051729	Decal, Reflector, Yellow-2x9	1	
9	T0052276	Spacer	3	
10	T0055760	Decal, Yldtrac 32R15-3.8x46.9	1	
11	T0054643	Cover, LH Stub Arm	1	
12	T0054825	Shelf, LH Seed Hose	1	
13	T0055305	Shield, LH Stub Arm Front	1	
14	T0055420	Panel, Stub Arm Back	1	

Note:

1. [T=XXX] = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
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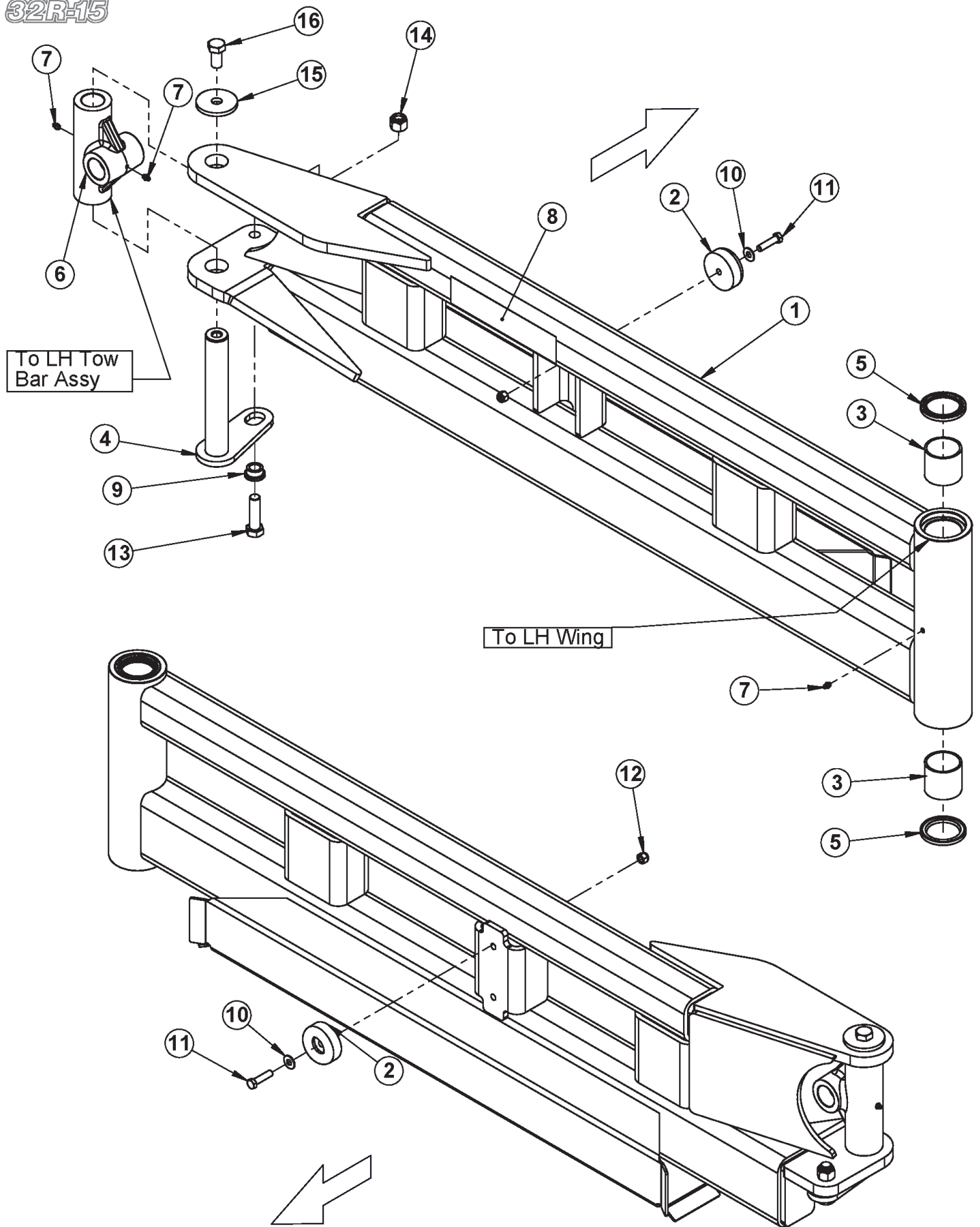


TA01837 Assy, 1200 Hyd Row Lift

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	AD-06MJ-06MB-06MJ	AD-06MJ-06MB-06MJ	1	
2	AD-06MJ-06MB-90	ADAPTER 06MJ-06MB 90	3	
3	AD-06MJ-06MB-90LL	ADAPTER 06MJ-06MB 90LL	1	
4	AD-06MJ-06MB	ADAPTER 06MJ-06MB	1	
5	FW-SAE-0.250Y	Washer, SAE Flat 1/4-YZ	4	
6	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	2	
7	FW-SAE-0.875Y	FW-SAE-0.875-YZ	2	
8	HB-0.250-20X2.00Y8	Bolt, Hex Hd 1/4-20x2-YZ8	2	
9	HB-0.500-13X2.25Y8	Bolt, Hex Hd 1/2-13x2-1/4 YZ8	1	
10	NLNUT-0.250-20Y8	Nut, Nylock 1/4-20-YZ8	2	
11	NLNUT-0.500-13Y8	Nut, Nylock 1/2-13 YZ8	1	
12	PIN-0.750X1.63Y	Pin, 3/4 X 1-5/8 YZ	1	
13	PIN-0.750X2.88Y	Pin, 3/4 X 2-7/8 YZ	1	
14	SRING-EXT-HD-0.75Y	SRING-EXT-HD-0.75Y	4	
15	T0052796	Bushing, Row Unit Lift	1	
16	T0055199	Valve, PO Check	1	
17	T0055297	ADAPTER 06MJ-06FJ W/ORF	1	
18	T0055590	Bracket, Row Lift LH	1	
19	TA01580	Cylinder, Hyd 1.75x5.25 3-Port	1	
20	TW001362	Wldmt, Row Lift	1	

Note:

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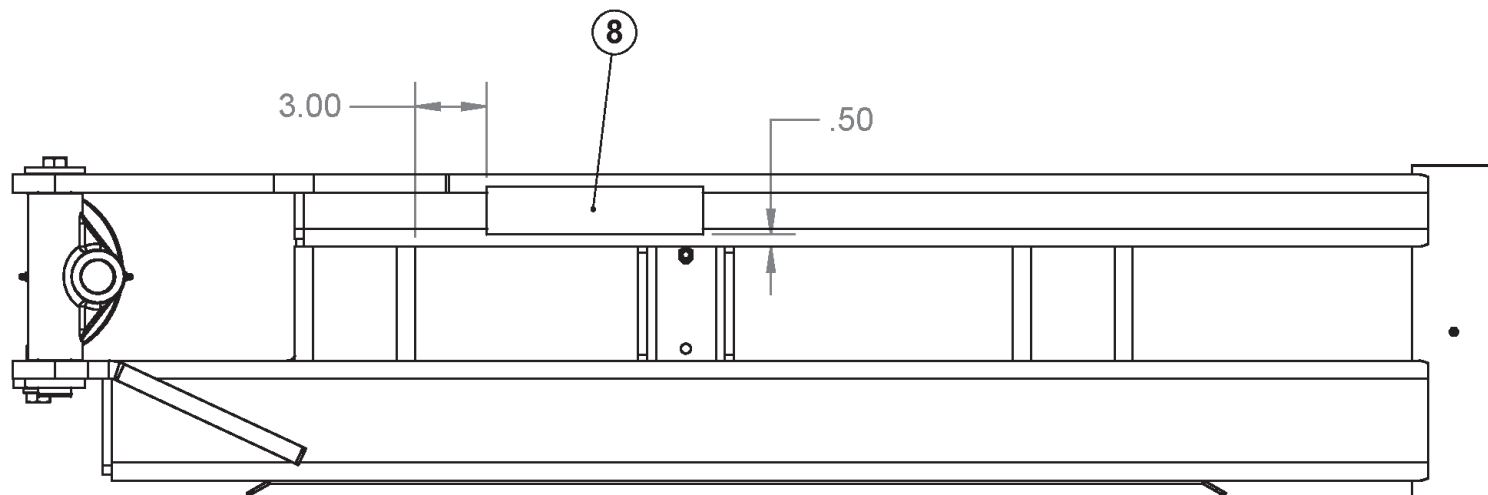


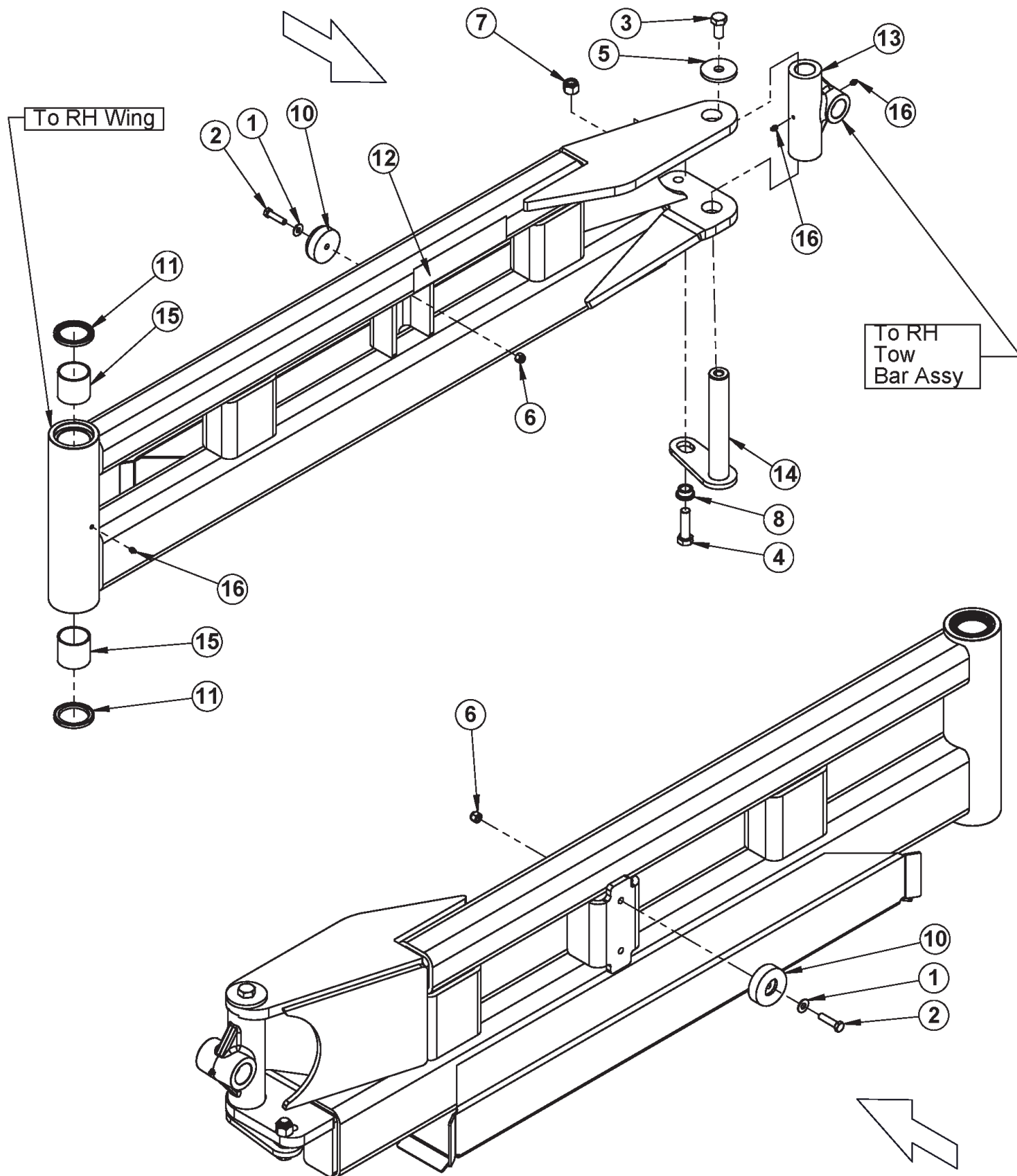
TA01835 Assy, LH Gate

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW001405	Wldmt, LH Gate	1	
2	T0051481	Rubber Stop	1	
3	PB-2.000X2.25X2.00	Polylube Bush, Ø2.00xØ2.25x2.00	2	
4	TW000761	Pin Weldment	1	
5	T0051585	2.00 Grease Seal	2	
6	T0052223	Tow Bar Knuckle Machined	1	
7	ZERK-0.250-28	Zerk, 1/4-28	3	
8	T0051729	Decal, Reflector, Yellow-2x9	1	
9	T0050854	Anti Rotation Insert	1	
10	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	1	
11	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	1	
12	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	1	
13	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
14	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	1	
15	HDWSH-0.64X2.50Y	HD Washer 0.64 x 2.50	1	
16	HB-0.625-11X1.25Y8	Bolt, Hex Head-5/8-11x1.25-YZ8	1	

Note:

1. [T=XXX] = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
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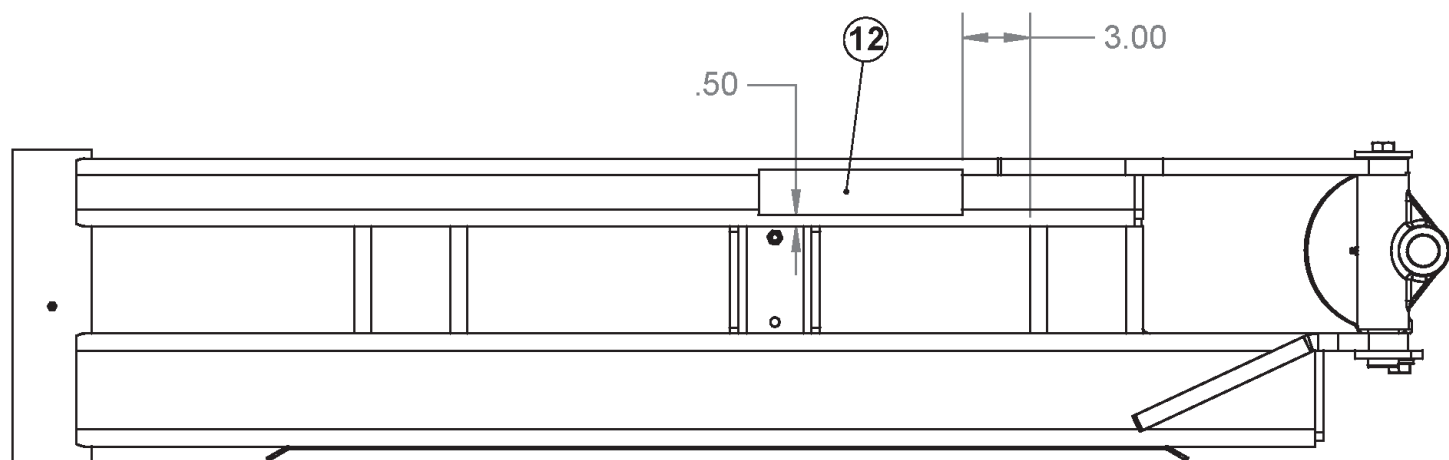


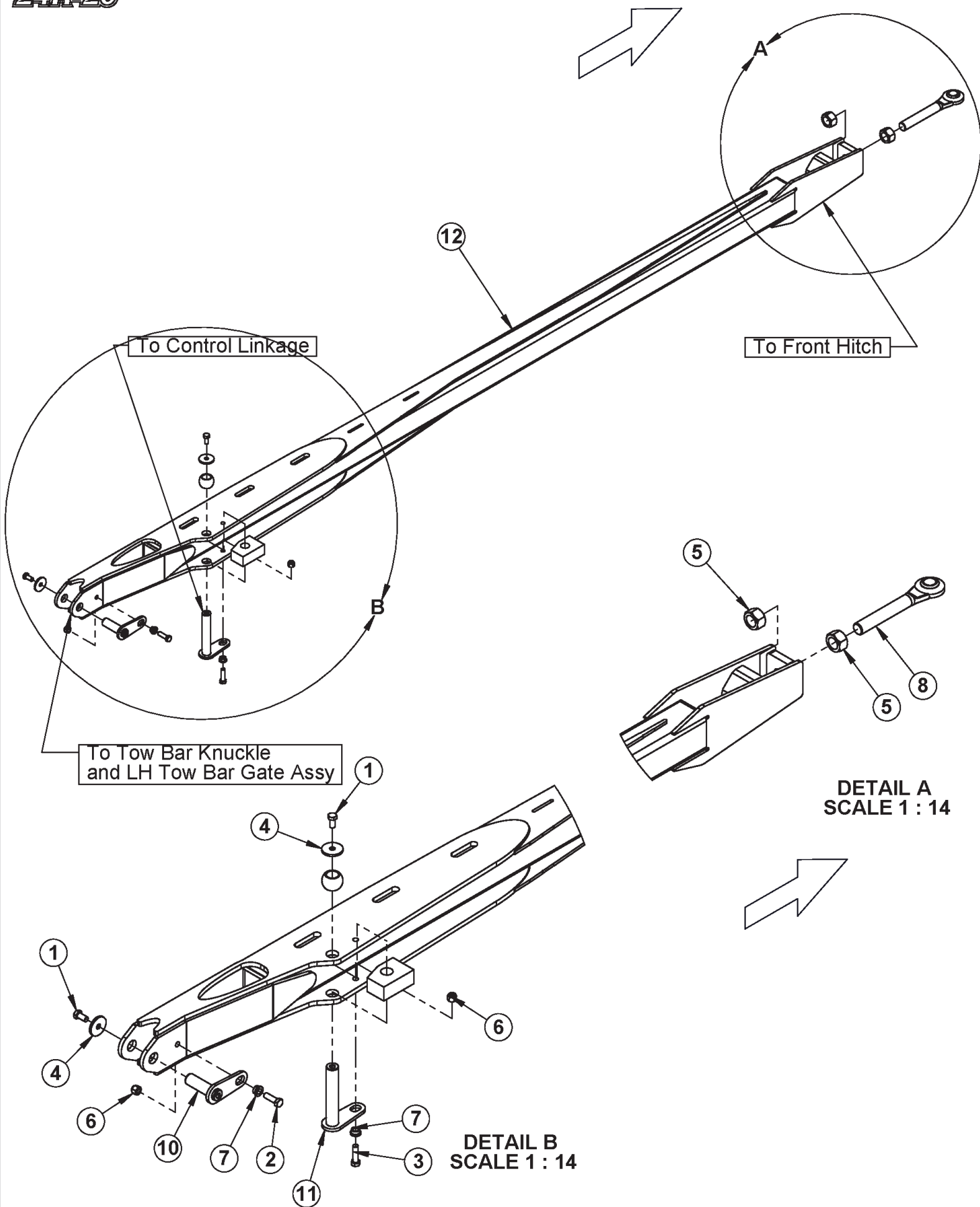
TA01836 Assy, RH Gate

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	1	
2	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	1	
3	HB-0.625-11X1.25Y8	Bolt, Hex Head-5/8-11x1.25-YZ8	1	
4	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
5	HDWSH-0.64X2.50Y	HD Washer 0.64 x 2.50	1	
6	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	1	
7	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	1	
8	T0050854	Anti Rotation Insert	1	
9	TW001406	Wdmt, RH Gate	1	
10	T0051481	Rubber Stop	1	
11	T0051585	2.00 Grease Seal	2	
12	T0051729	Decal, Reflector, Yellow-2x9	1	
13	T0052223	Tow Bar Knuckle Machined	1	
14	TW000761	Pin Weldment	1	
15	PB-2.000X2.25X2.00	Polylube Bush, Ø2.00xØ2.25x2.00	2	
16	ZERK-0.250-28	Zerk, 1/4-28	3	

Note:

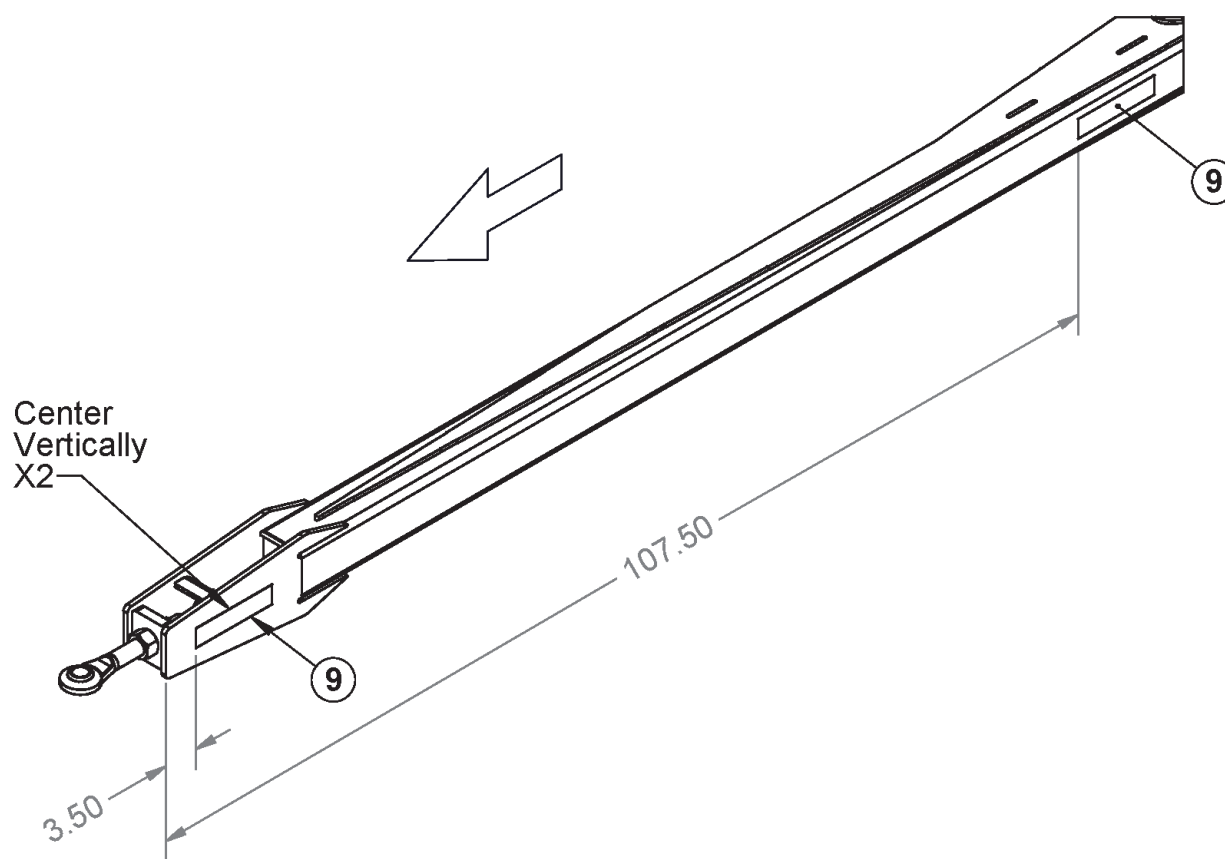
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2. * Items marked with an asterisk are items that are included in that particular part or assembly.

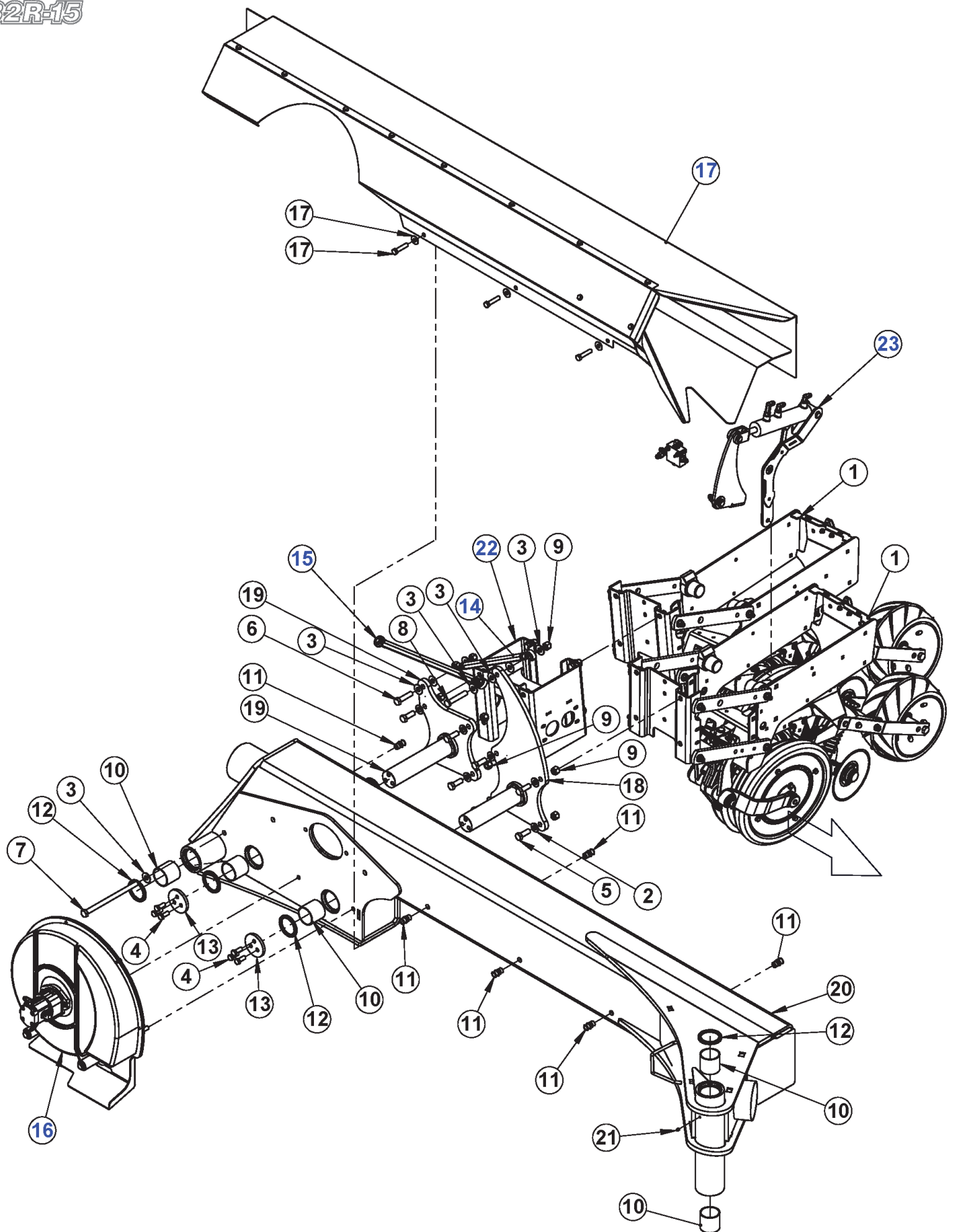




TA01384 Assy, Tow Bar

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HB-0.625-11X1.25Y8	Bolt, Hex Head-5/8-11x1.25-YZ8	2	
2	HB-0.625-11X2.00Y8	Bolt, Hex Head-5/8-11x2-YZ8	1	
3	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
4	HDWSH-0.64X2.50Y	HD Washer 0.64 x 2.50	2	
5	HNUT-1.500-6Y8	Nut, Hex 1-1/2-6 YZ8	2	
6	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	2	
7	T0050854	Anti Rotation Insert	2	
8	T0051213	RH End Link	1	
9	T0051729	Decal, Reflector, Yellow-2x9	2	
10	TW000763	Pin Weldment	1	
11	TW000894	Pin Weldment	1	
12	TW001234	Wldmt, 24R20/22 Tow Bar	1	
13	T0053376	Block, Tow Bar	1	



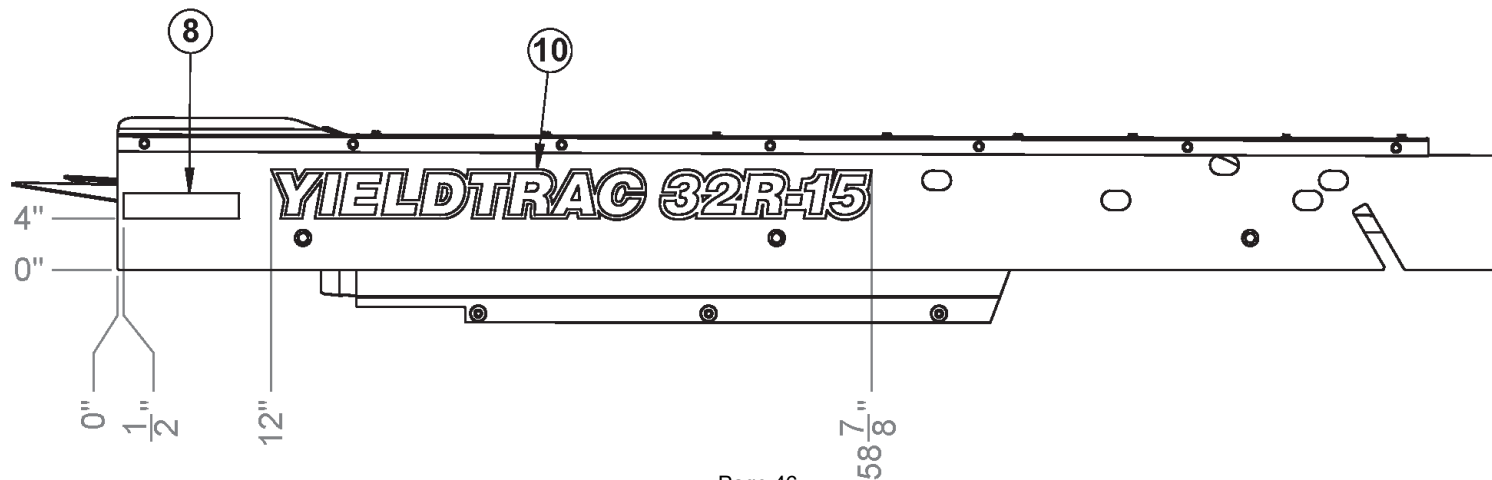
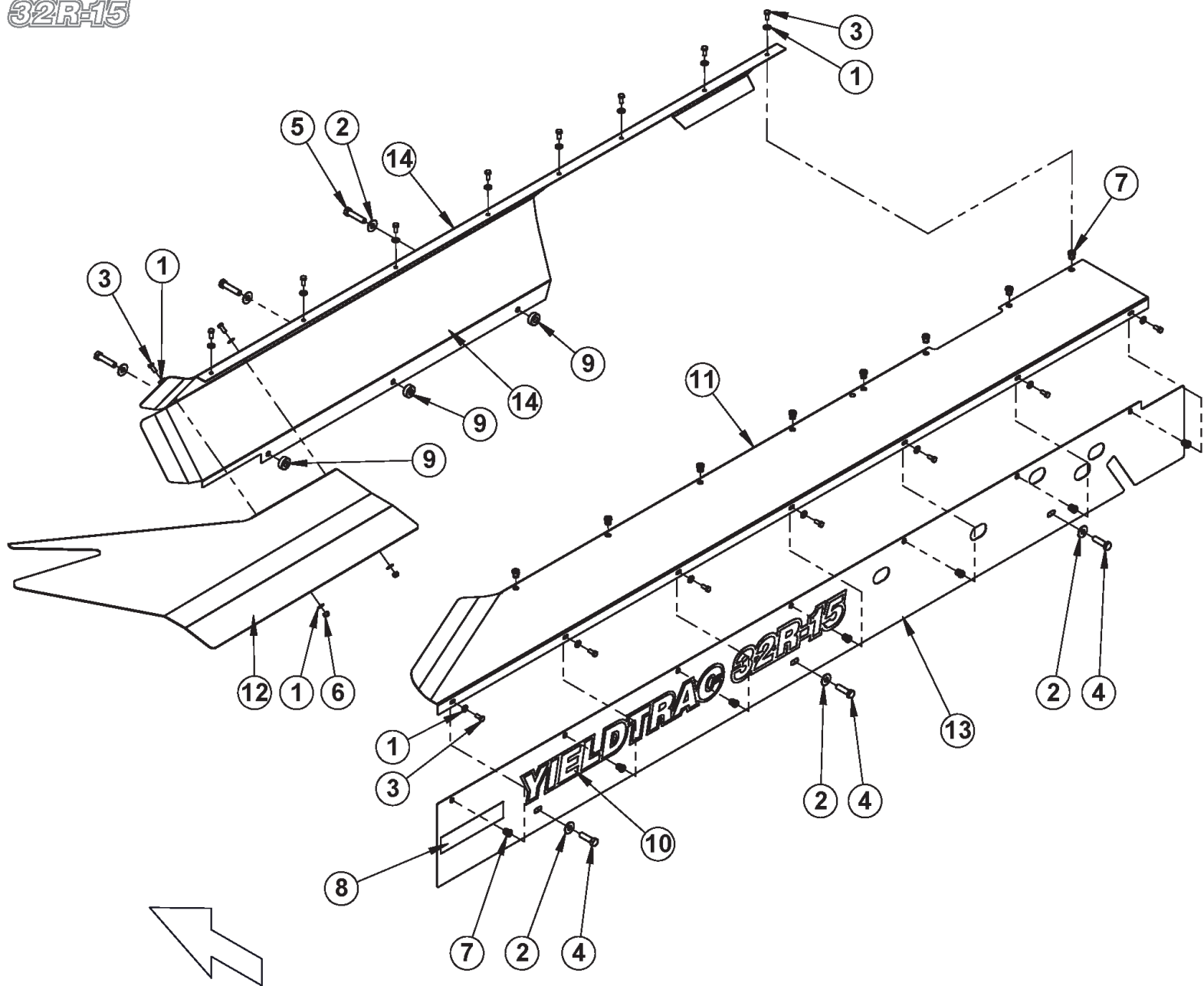


TA01820 Assy, 32R15 RH Stub Arm

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	47892036	RH Row Unit	2	
2	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	8	
3	FW-USS-0.563YTH	Washer, FI 9/16 USS Th-Hrd YZ	10	
4	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	6	
5	HB-0.625-11X1.75Y8	Bolt, Hex Head-5/8-11x1.75-YZ8	8	
6	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	1	
7	HB-0.625-11X10.00Y8	Bolt, Hex Head-5/8-11x10.0-YZ8	1	
8	HBSH-0.625-11X3.50Y8	Bolt, Hex Hd-5/8-11x3-1/2-YZ8	1	
9	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	11	
10	PB-2.500X2.75X2.50	Bush, Polygon 2.500x2.75x2.50	8	
11	RN-0.500-13-.35-.50Y	Rivnut, 1/2-13 .350-.500 GR	6	
12	T0051584	2.50 Grease Seal	7	
13	T0054041	Washer, RU Pivot	2	
14	TA01108	Tie Rod Assy	1	
15	TA01109	Tie Rod Assy	1	
16	TA01868	Assy, Fan W/ Shield 32R15	1	
17	TA01866	Assy, RH Stub Arm Shield W/Fan 32R15	1	
18	TW001068	Row Unit Pivot Weld	1	
19	TW001070	Row Unit Pivot Weld	1	
20	TW001402	Wldmt, 32R15 RH Stub Arm	1	
21	ZERK-0.250-28	Zerk, 1/4-28	2	
22	TA01134	Assy, Row Unit Extention	1	
23	TA01837	Assy, 1200 Hyd Row Lift	1	

Note:

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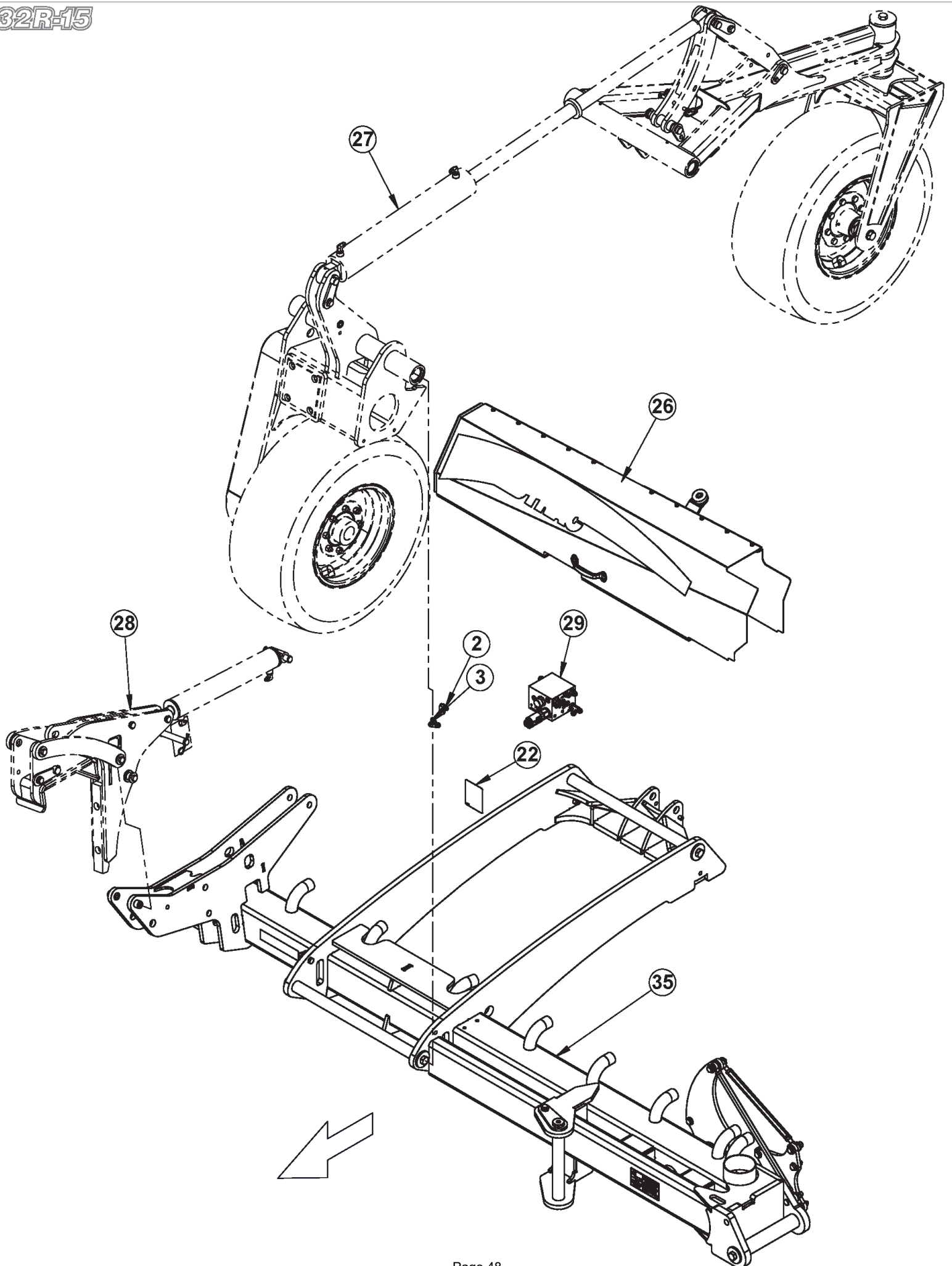


TA01866 Assy, RH Stub Arm Shield W/Fan 32R15

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	FW-USS-0.250Y	Washer, Flat USS 1/4" YZ	19	
2	FW-USS-0.438Y	Washer, Flat-USS 7/16-YZ	6	
3	HB-0.313-18X0.75Y8	Bolt, Hex Hd 5/16-18x3/4-YZ8	17	
4	HB-0.500-13X1.75Y8	Bolt, Hex Hd 1/2-13x1-3/4 YZ8	3	
5	HB-0.500-13X2.25Y8	Bolt, Hex Hd 1/2-13x2-1/4 YZ8	3	
6	NLNUT-0.313-18Y8	Nut, Nylock 5/16"-18-YZ8	2	
7	RN-0.313-18-.03-.15Y	Rivnut, 5/16-18 UNC .027-.150	15	
8	T0051729	Decal, Reflector, Yellow-2x9	1	
9	T0052276	Spacer	3	
10	T0055760	Decal, Yldtrac 32R15-3.8x46.9	1	
11	T0054635	Cover, RH Stub Arm	1	
12	T0054826	Shelf, RH Seed Hose	1	
13	T0055420	Panel, Stub Arm Back	1	
14	T0055426	Shield, RH Stub Arm Front	1	

Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
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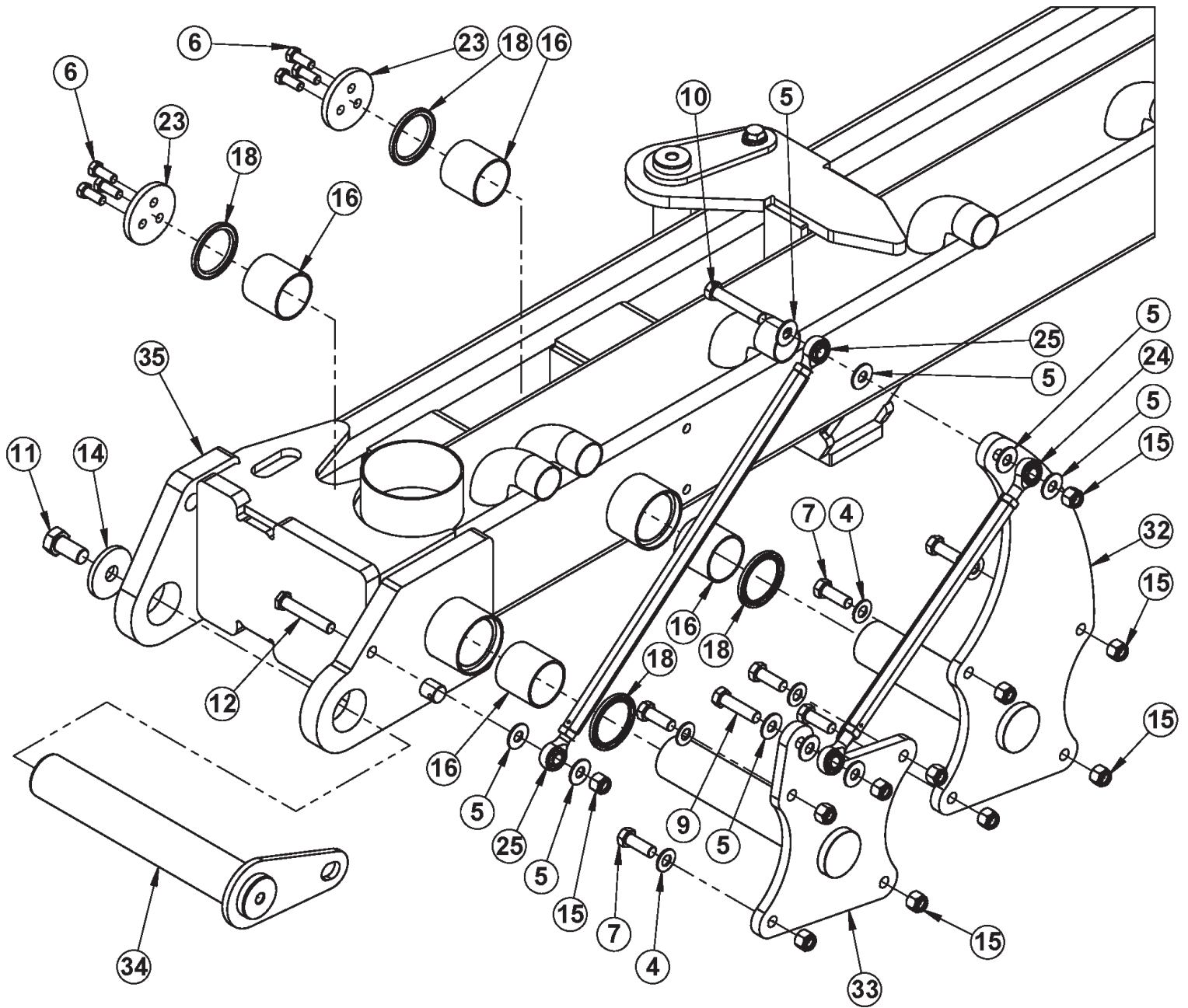


TA01822 Assy, 32R15 RH Wing Base

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	73368118	Cap, Case IH 7x7 Tube	1	
2	AD-08MJ-08FJX-90	ADAPTER 08MJ-08FJX 90	1	
3	AD-08MJ-08MJ-08MJ	ADAPTER 08MJT	1	
4	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	8	
5	FW-USS-0.563YTH	Washer, FI 9/16 USS Th-Hrd YZ	9	
6	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	6	
7	HB-0.625-11X1.75Y8	Bolt, Hex Head-5/8-11x1.75-YZ8	8	
8	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
9	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	3	
10	HB-0.625-11X3.50Y8	Bolt, Hex Hd-5/8-11x3-1/2-YZ8	1	
11	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	4	
12	HBSH-0.625-11X3.50Y8	Bolt, Hex Hd-5/8-11x3-1/2-YZ8	1	
13	HDWSH-0.89X2.50Y	HD Washer 0.89 x 2.50	1	
14	HDWSH-0.89X3.00Y	HD Washer 0.89 x 3.00	3	
15	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	14	
16	PB-2.500X2.75X2.50	Bush, Polygon 2.500x2.75x2.50	4	
17	T0050854	Anti Rotation Insert	3	
18	T0051584	2.50 Grease Seal	4	
19	T0051588	Decal, Warning - Crush Hazard	1	
20	T0051729	Decal, Reflector, Yellow-2x9	2	
21	T0051737	Decal, Warn CrshHaz Serv WngWhl	1	
22	T0053942	Decal, Danger-Wing Crsh Hzd	1	
23	T0054041	Washer, RU Pivot	2	
24	TA01108	Tie Rod Assy	1	
25	TA01109	Tie Rod Assy	1	
26	TA01824	Assy, 32R15 RH Wing Shield	1	
27	TA01848	Assy, 32R15 Wing Wheel	1	
28	TA01858	Assy, RH Wing Lift	1	
29	TA01870	Assy, RH Fan&Meter Cntl Valve	1	
30	TW000794	Pin Weldment	1	
31	TW001058	Pin Weldment	2	
32	TW001069	Row Unit Pivot Weld	1	
33	TW001071	Row Unit Pivot Weld	1	
34	TW001380	Pin Weldment	1	
35	TW001404	Wldmt, 32R15 RH Wing	1	

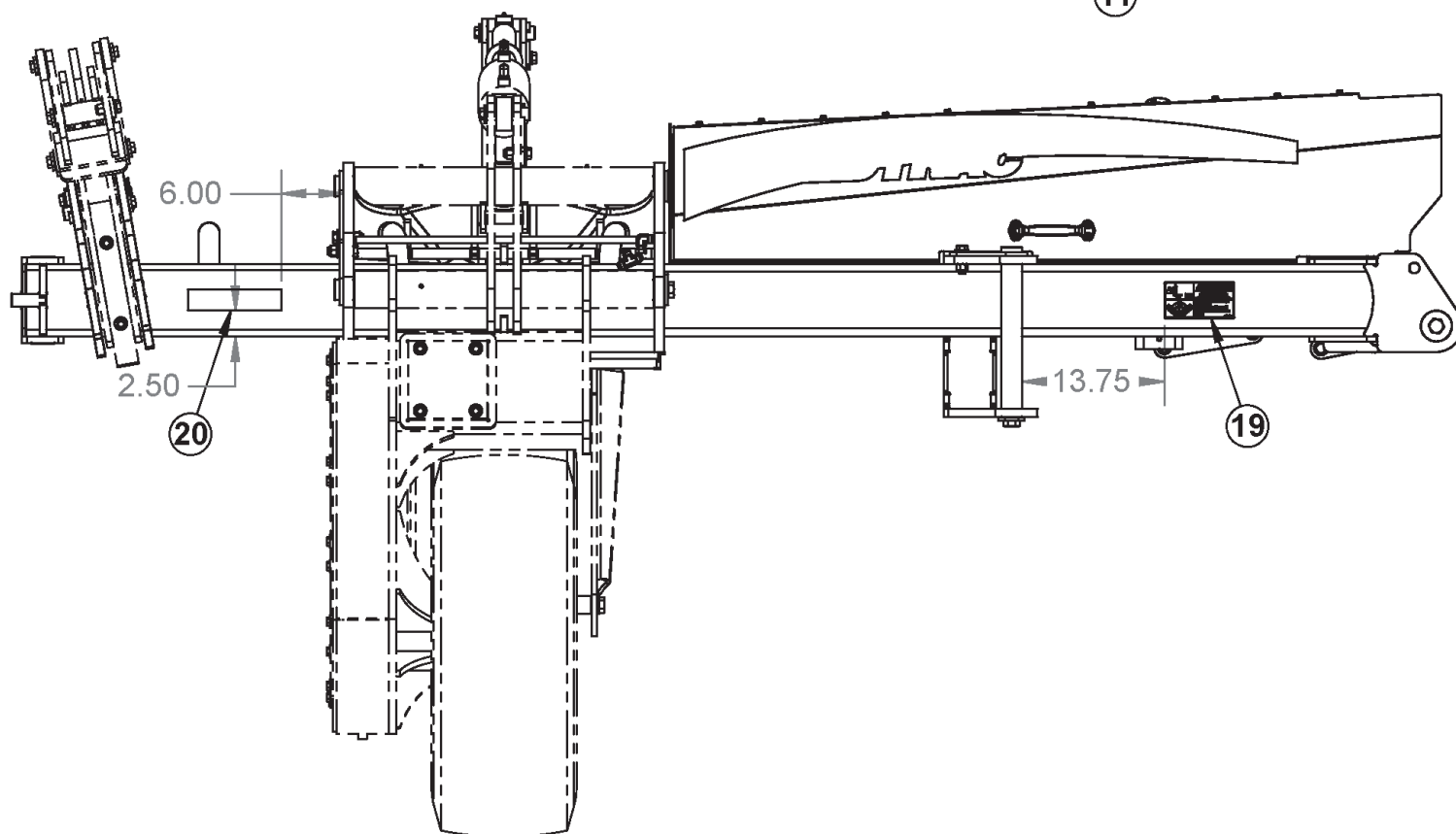
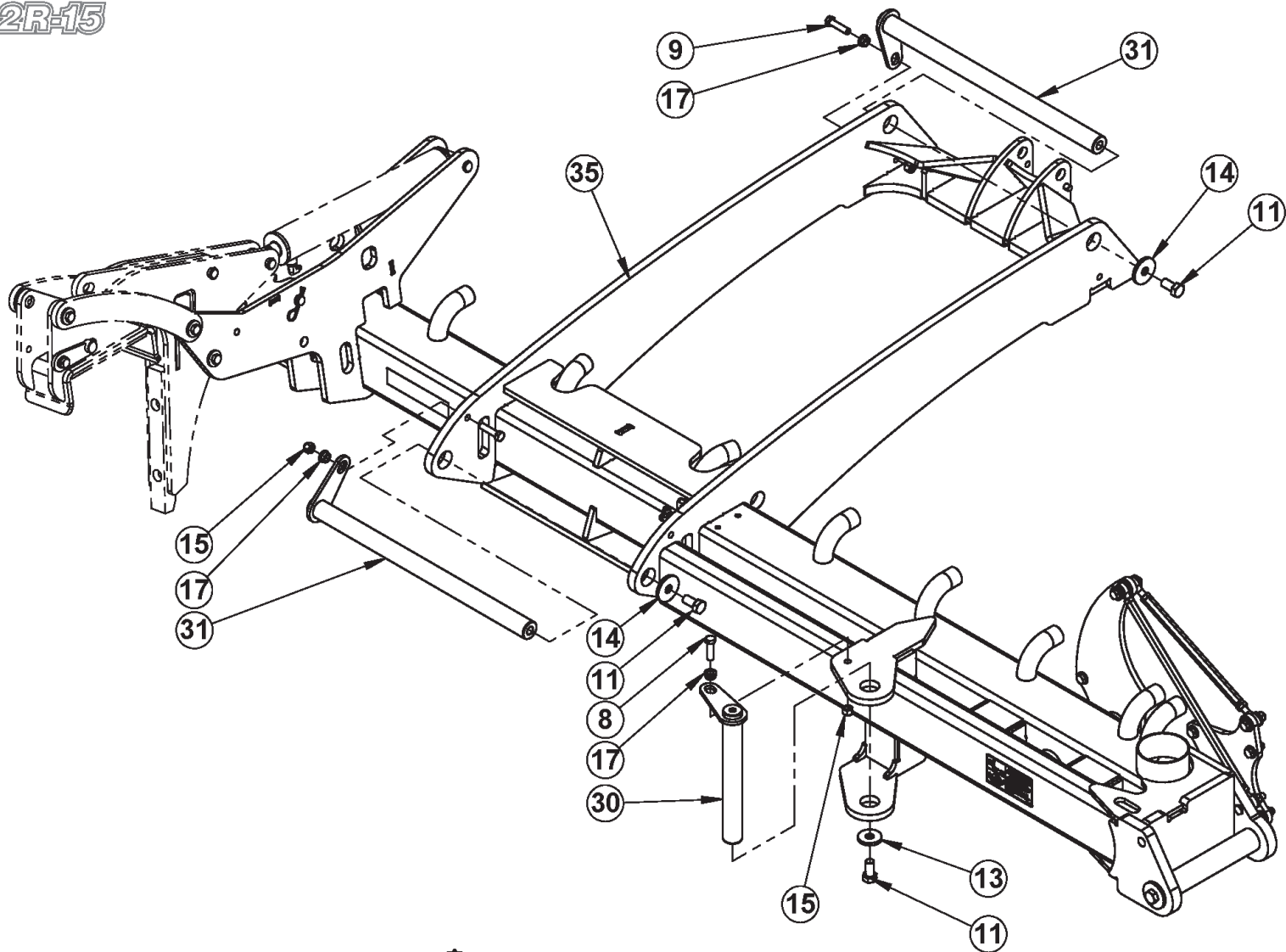
Note:

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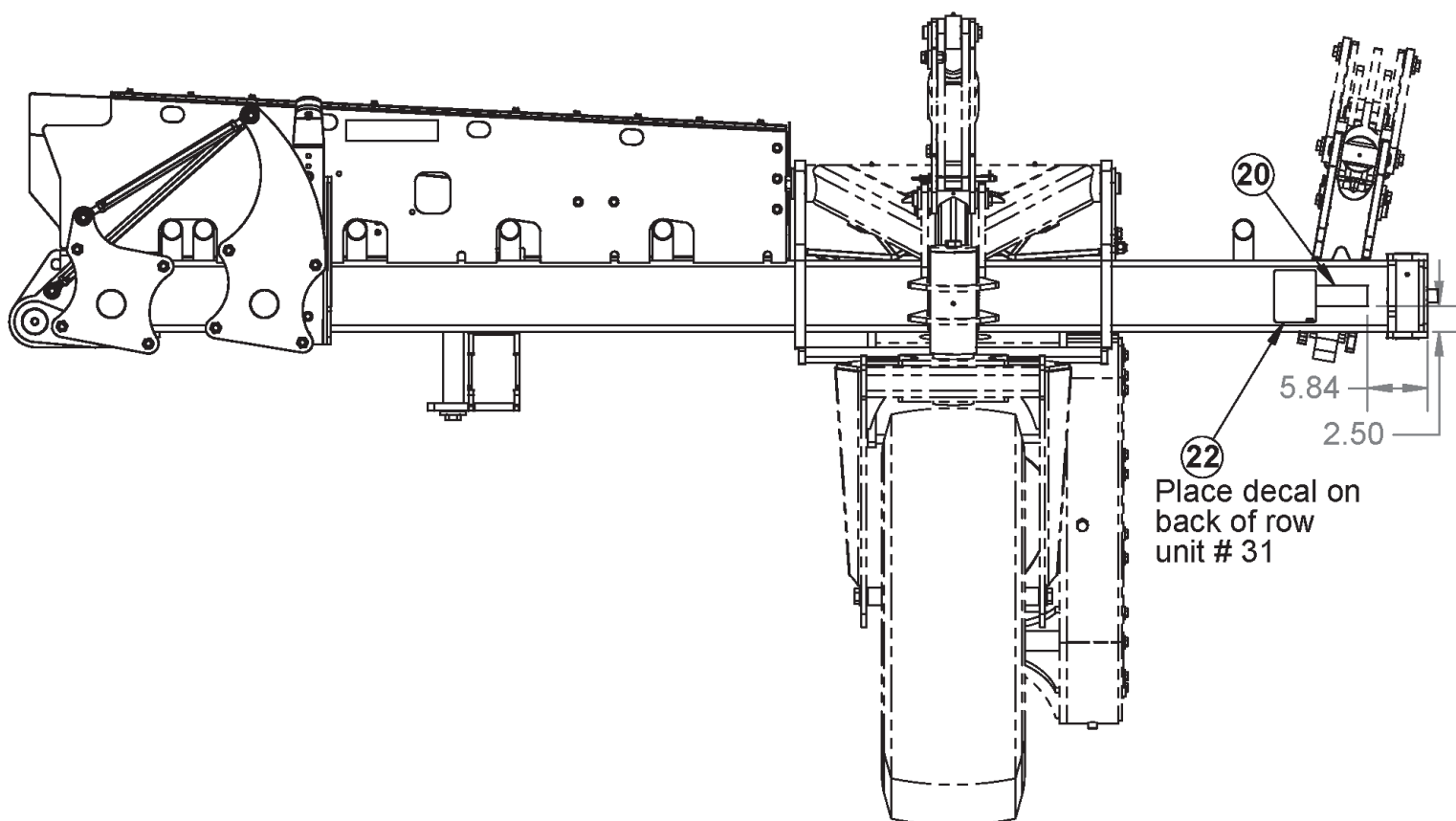
TA01822 Assy, 32R15 RH Wing Base

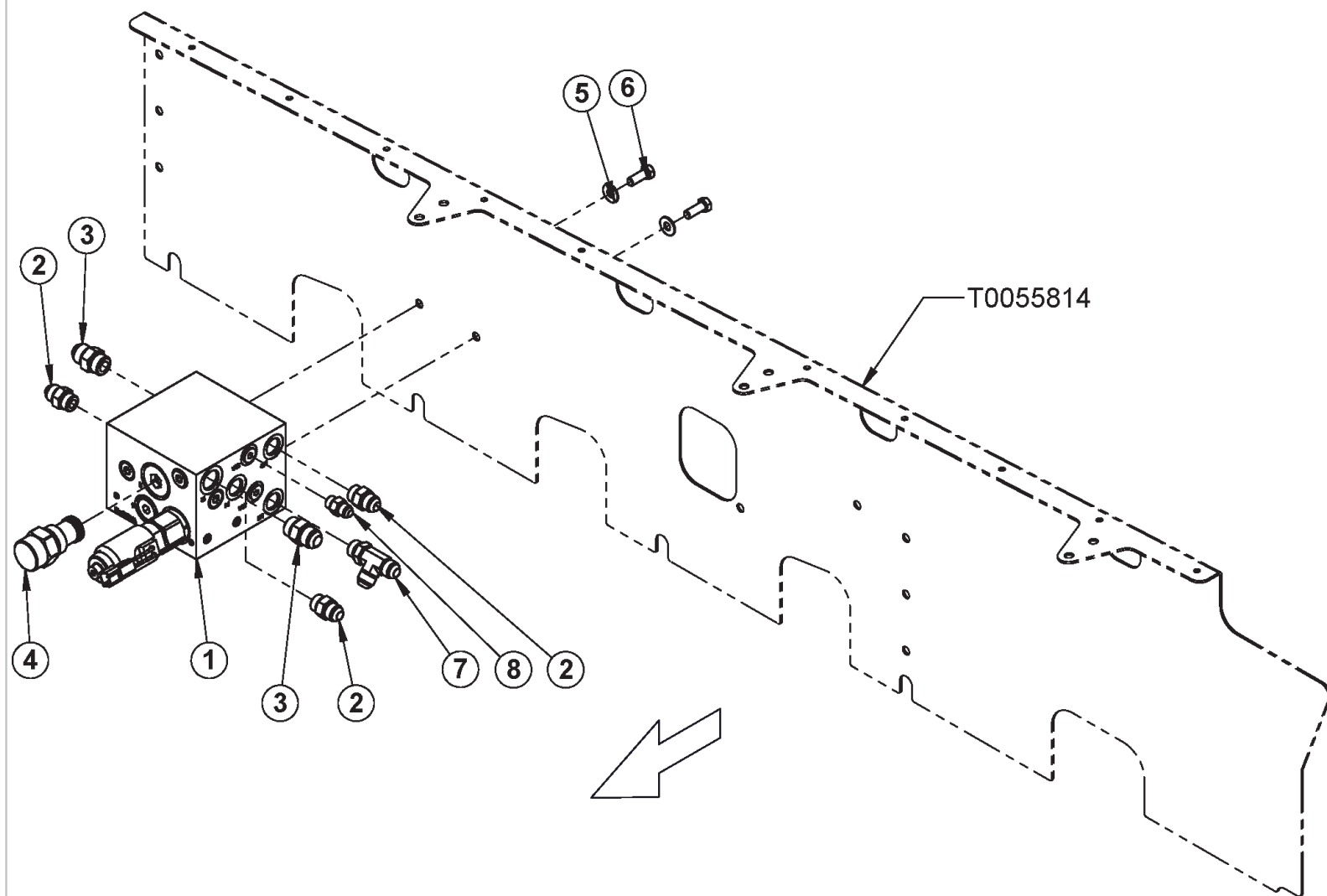
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
4	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	8	
5	FW-USS-0.563YTH	Washer, FI 9/16 USS Th-Hrd YZ	9	
6	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	6	
7	HB-0.625-11X1.75Y8	Bolt, Hex Head-5/8-11x1.75-YZ8	8	
9	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	3	
10	HB-0.625-11X3.50Y8	Bolt, Hex Hd-5/8-11x3-1/2-YZ8	1	
11	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	4	
12	HBSH-0.625-11X3.50Y8	Bolt, Hex Hd-5/8-11x3-1/2-YZ8	1	
14	HDWSH-0.89X3.00Y	HD Washer 0.89 x 3.00	3	
15	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	14	
16	PB-2.500X2.75X2.50	Bush, Polygon 2.500x2.75x2.50	4	
18	T0051584	2.50 Grease Seal	4	
23	T0054041	Washer, RU Pivot	2	
24	TA01108	Tie Rod Assy	1	
25	TA01109	Tie Rod Assy	1	
32	TW001069	Row Unit Pivot Weld	1	
33	TW001071	Row Unit Pivot Weld	1	
34	TW001380	Pin Weldment	1	
35	TW001404	Wldmt, 32R15 RH Wing	1	



TA01822 Assy, 32R15 RH Wing Base

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
8	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
9	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	3	
10	HB-0.625-11X3.50Y8	Bolt, Hex Hd-5/8-11x3-1/2-YZ8	1	
11	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	4	
13	HDWSH-0.89X2.50Y	HD Washer 0.89 x 2.50	1	
14	HDWSH-0.89X3.00Y	HD Washer 0.89 x 3.00	3	
15	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	14	
17	T0050854	Anti Rotation Insert	3	
19	T0051588	Decal, Warning - Crush Hazard	1	
20	T0051729	Decal, Reflector, Yellow-2x9	2	
22	T0053942	Decal, Danger-Wing Crsh Hzd	1	
30	TW000794	Pin Weldment	1	
31	TW001058	Pin Weldment	2	
35	TW001404	Wldmt, 32R15 RH Wing	1	



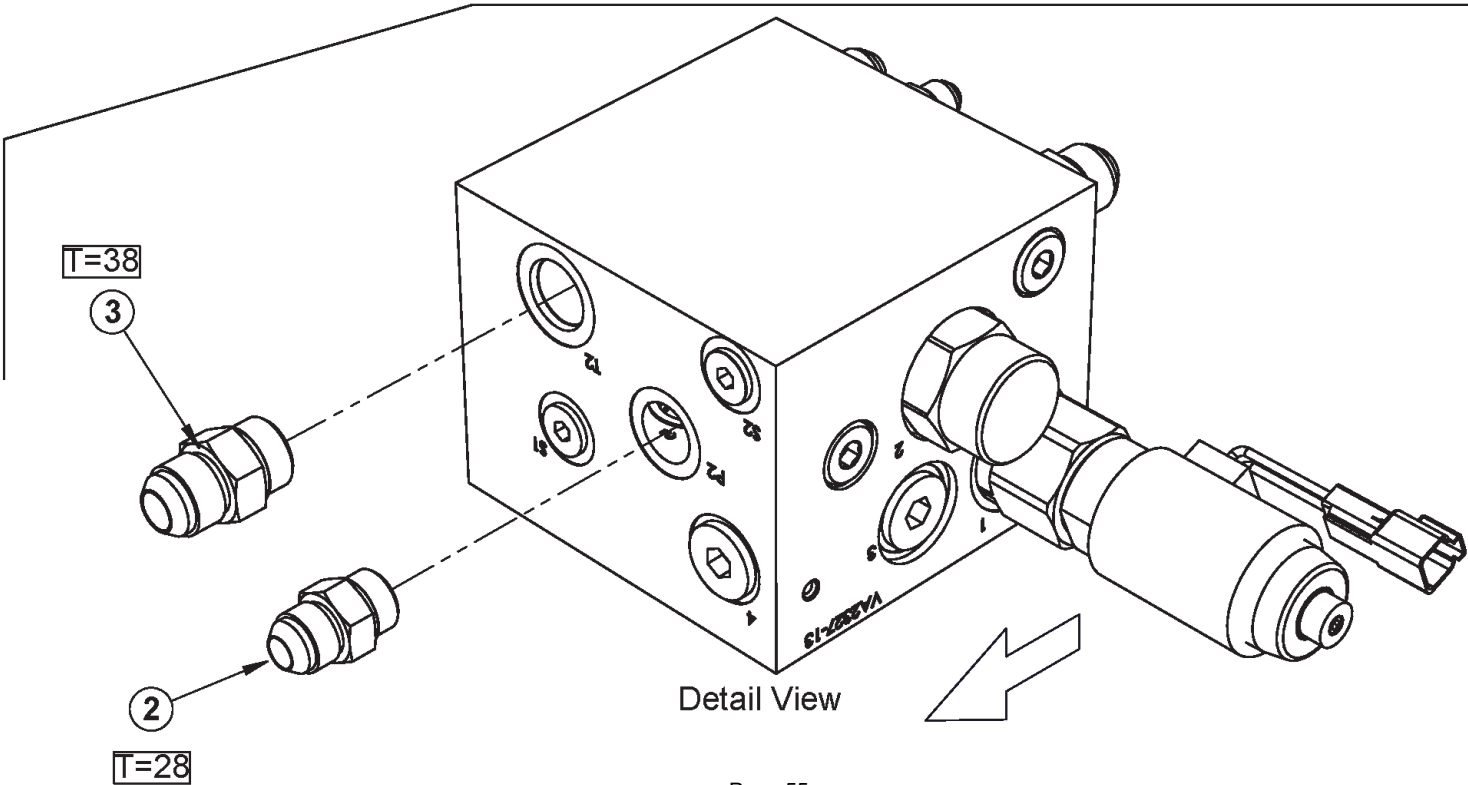
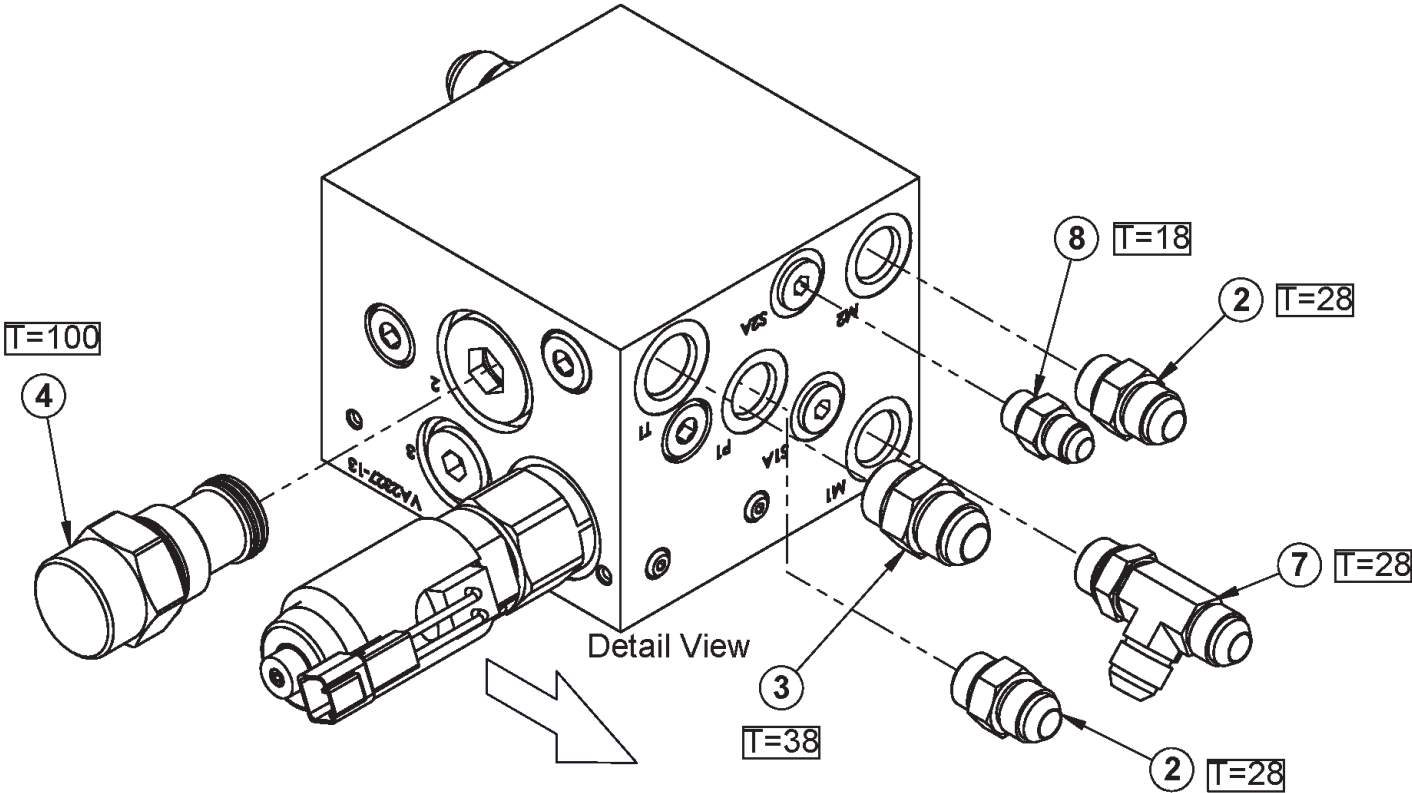


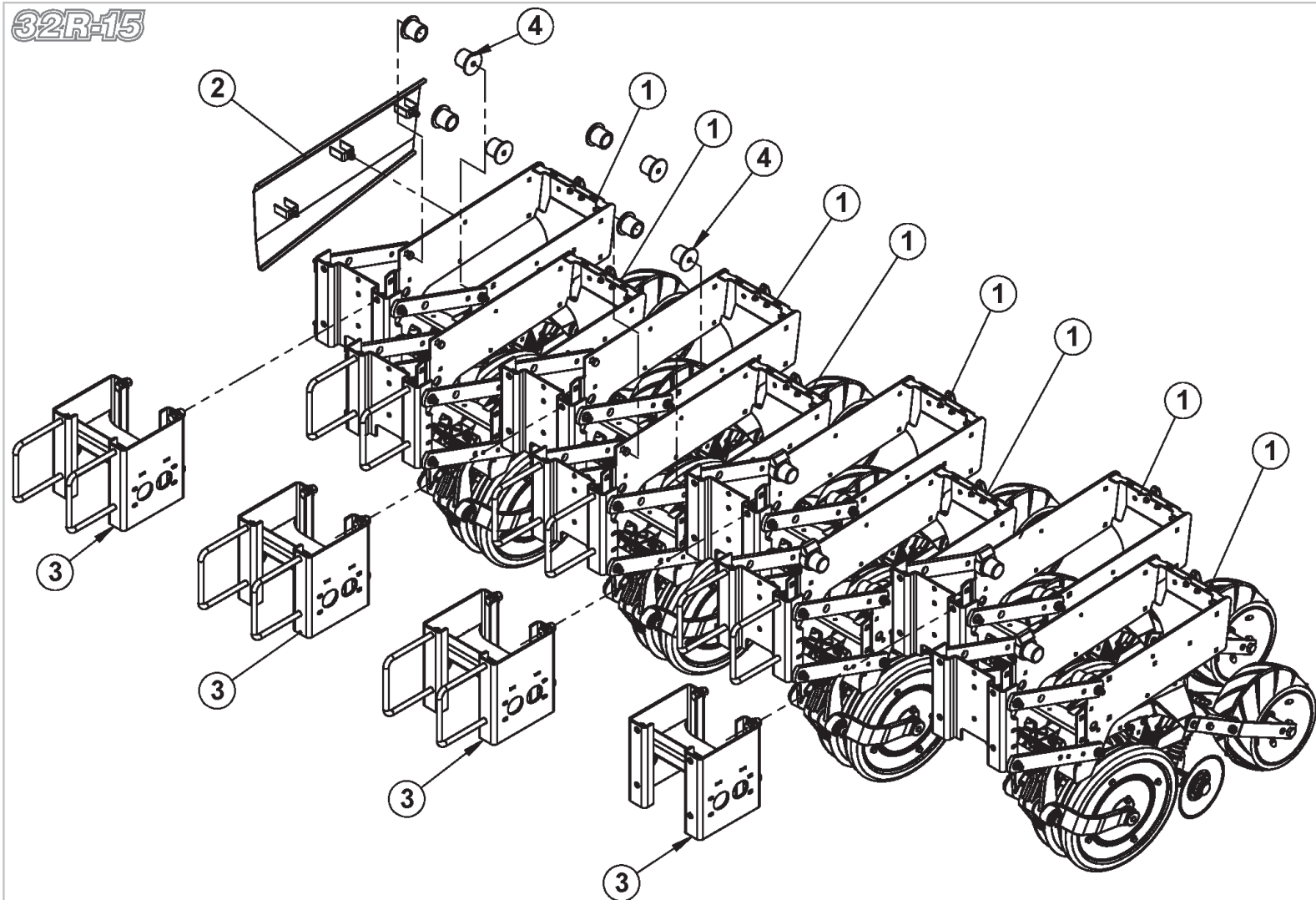
Note:

1. $T=XXX$ = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
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TA01870 Assy, RH Fan&Meter Cntl Valve

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0054381	Assy, Fan Ctrl Valve	1	
2	AD-08MJ-08MB	ADAPTER 08MJ-08MB	3	28
3	AD-10MJ-10MB	ADAPTER 10MJ-10MB	2	38
4	T0055197	Cartridge, Flow Control 9.0 GPM	1	100
5	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	2	
6	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	2	
7	AD-08MJ-08MB-08MJ	ADAPTER 08MJ-08MB-08MJ TEE	1	28
8	AD-06MJ-06MB	ADAPTER 06MJ-06MB	1	18



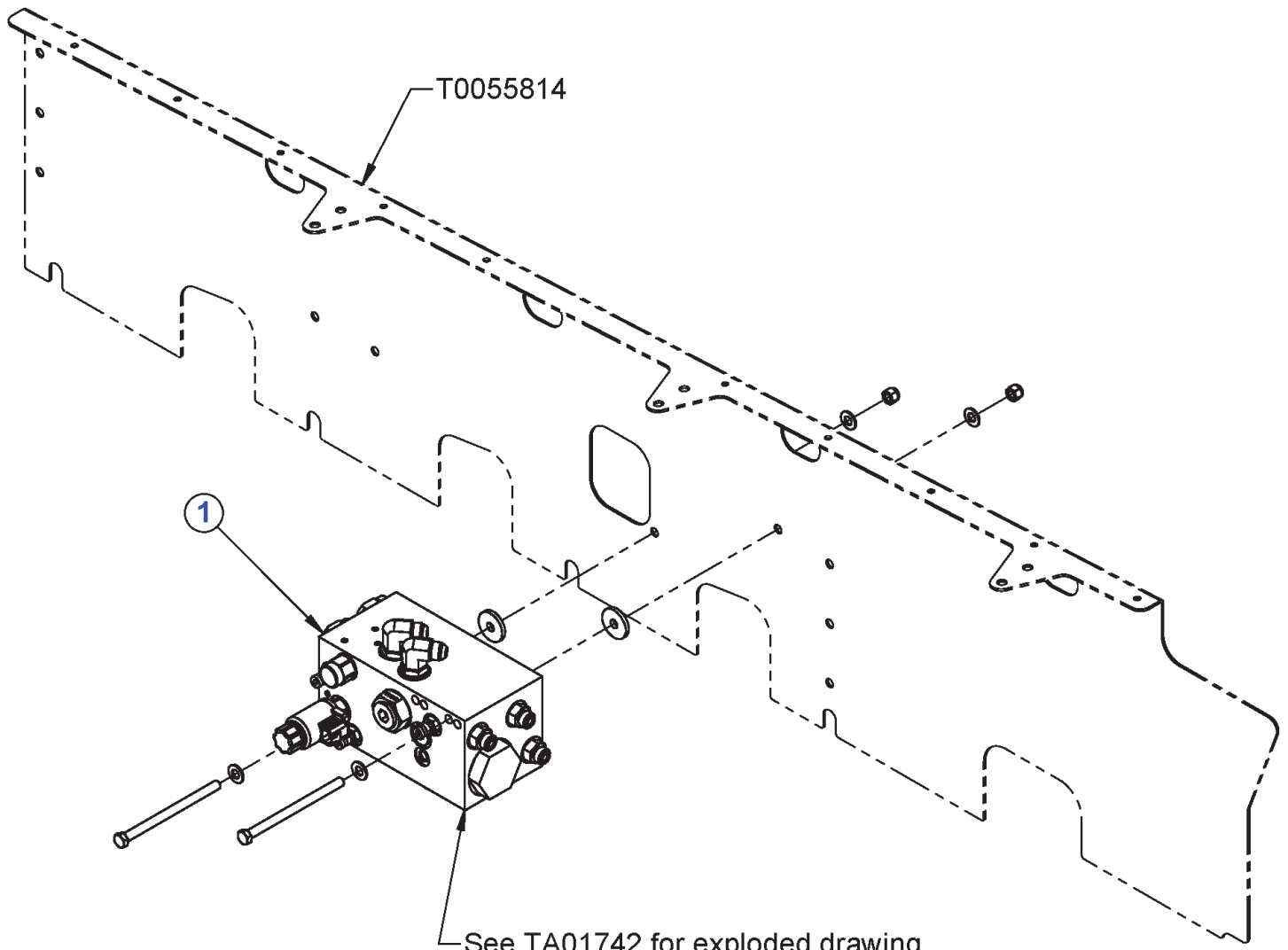


TA01826 Assy, 32R15 RH Wing Row Units

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	47892036	RH Row Unit	8	
2	TA00676	Assy, Row Unit End Plate-RH	1	
3	TA01134	Assy, Row Unit Extention	4	
4	TW001077	Wldmt, Meter Pivot Bushing	8	

Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.

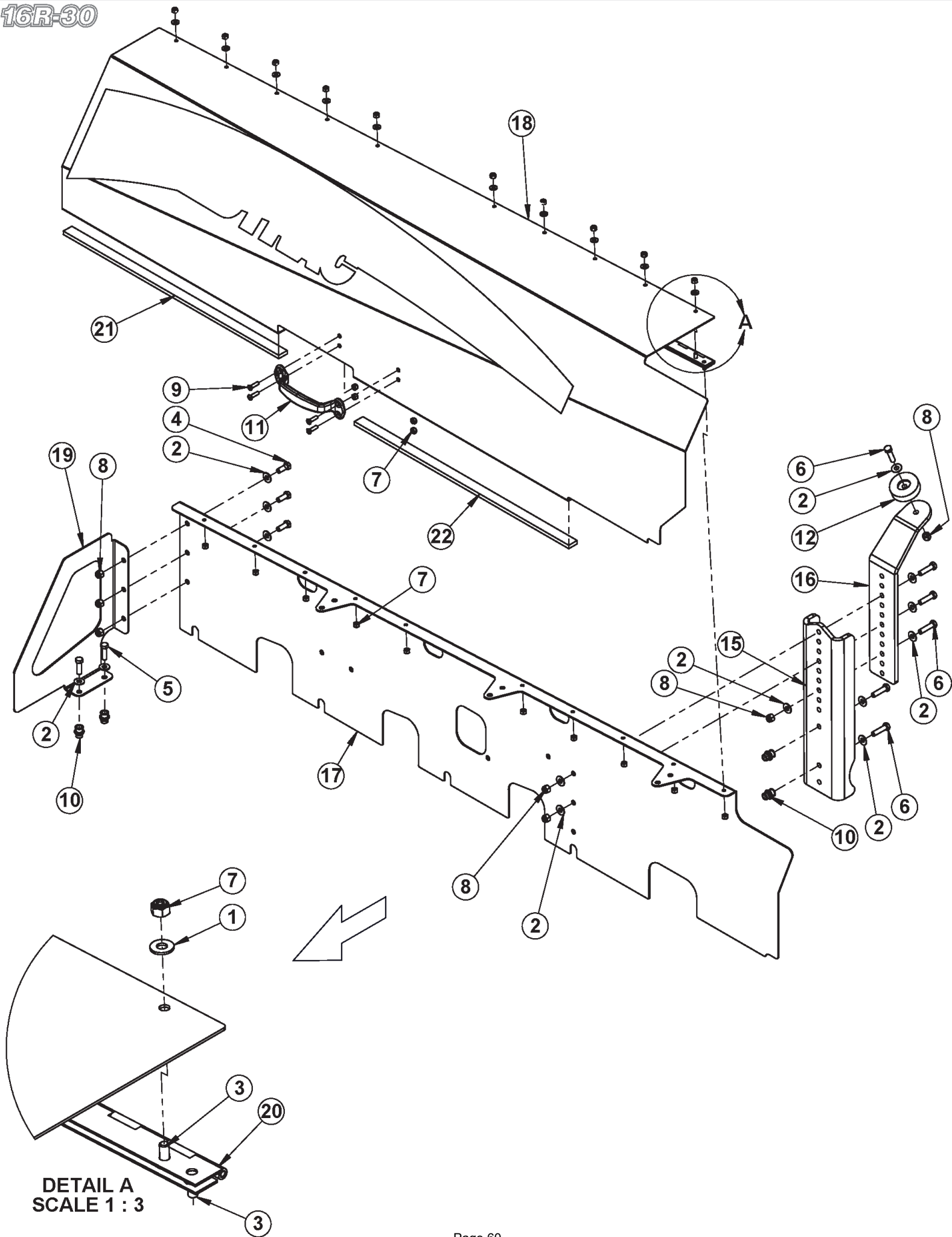


TA01852 Assy, 32R15 Delta Force

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TA01742	Assy, Delta Force Valve	1	

Note:

1. $T=XXX$ = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
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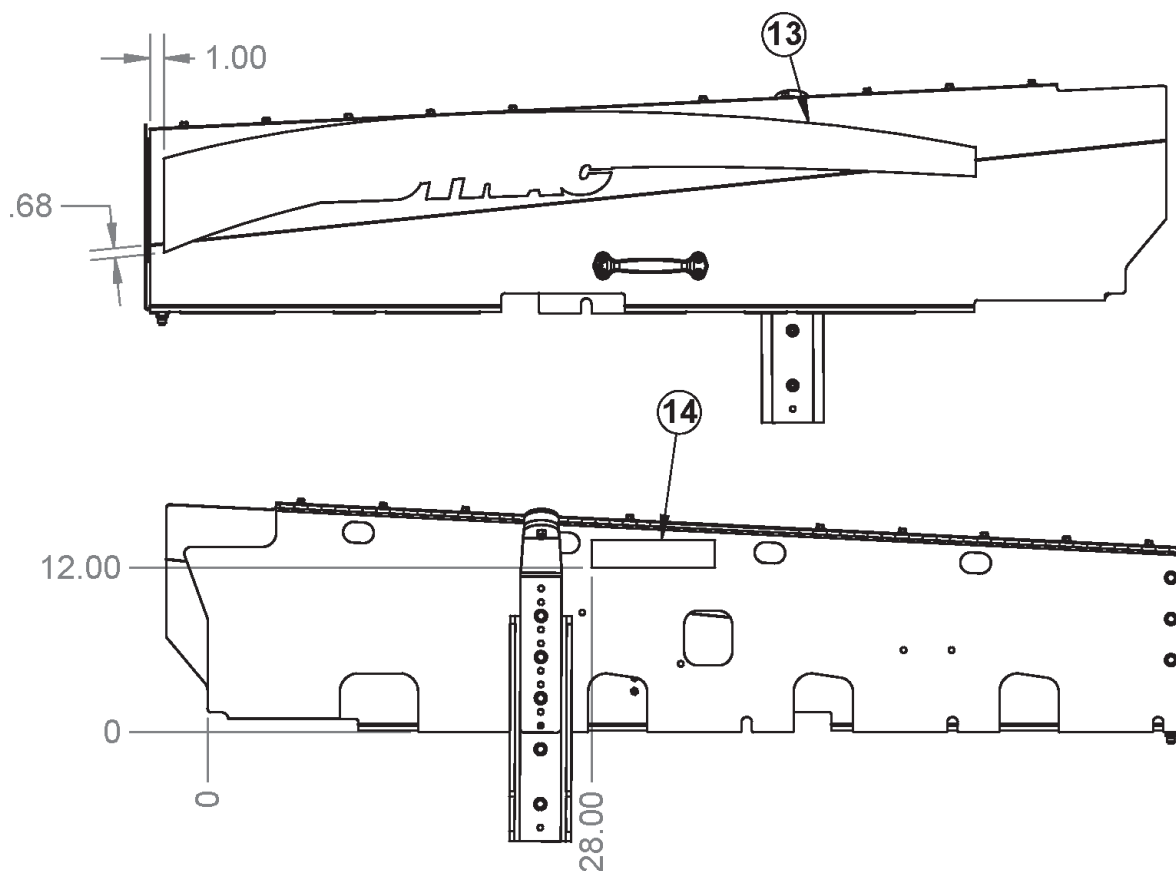
DETAIL A
SCALE 1 : 3

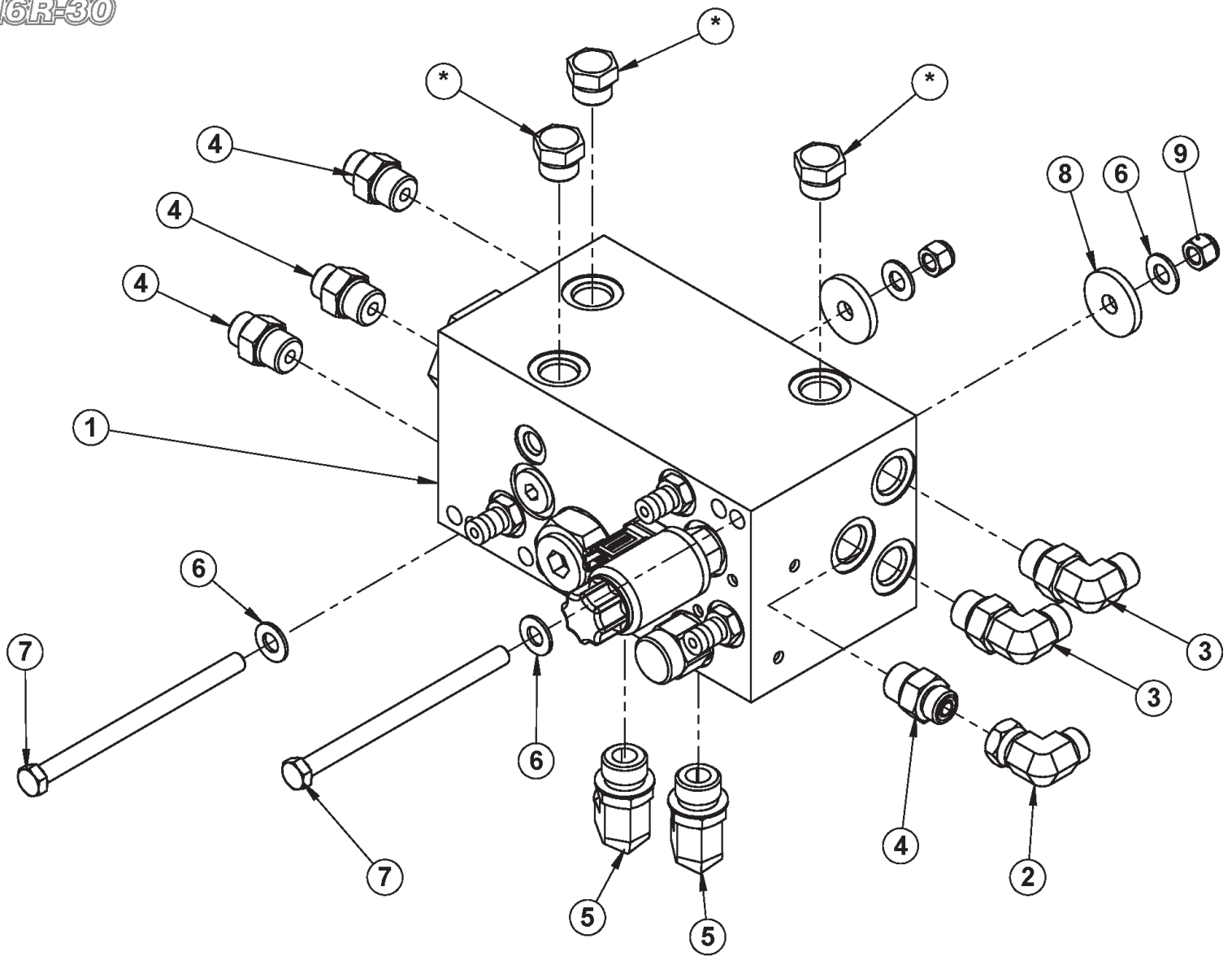
TA01824 Assy, 32R15 RH Wing Shield

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	FW-SAE-0.250Y	Washer, SAE Flat 1/4-YZ	10	
2	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	14	
3	HB-0.250-20X0.50Y8	Bolt, Hex Hd 1/4-20x1/2-YZ8	20	
4	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	3	
5	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	2	
6	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	6	
7	NLNUT-0.250-20Y8	Nut, Nylock 1/4-20-YZ8	24	
8	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	7	
9	OHPMS-.250-20X1.00SS	Screw, Ovl Hd Mach 1/4-20x1 SS	4	
10	RN-0.375-16-.31-.44-Y	Rivnut, 3/8-16 UNC .31-.44 GR	4	
11	T0051467	Handle	1	
12	T0051481	Rubber Stop	1	
13	T0051663	Decal, YieldTrac With Arch RH	1	
14	T0051729	Decal, Reflector, Yellow-2x9	1	
15	T0054582	Shield Mount	1	
16	T0054583	Mount, Shield Bumper	1	
17	T0055814	Panel, 32R15 RH Wing Back	1	
18	T0055816	Shield, 32R15 RH Wing	1	
19	T0055861	Cap, 32R15 RH Shield End	1	
20	TA00851	Piano Hinge	2	
21	T0051552	Sticker-Tite Rubber Gasket Cut Length 36.63"	1	
22	T0051552	Sticker-Tite Rubber Gasket (Cut Length 25.5")	1	

Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
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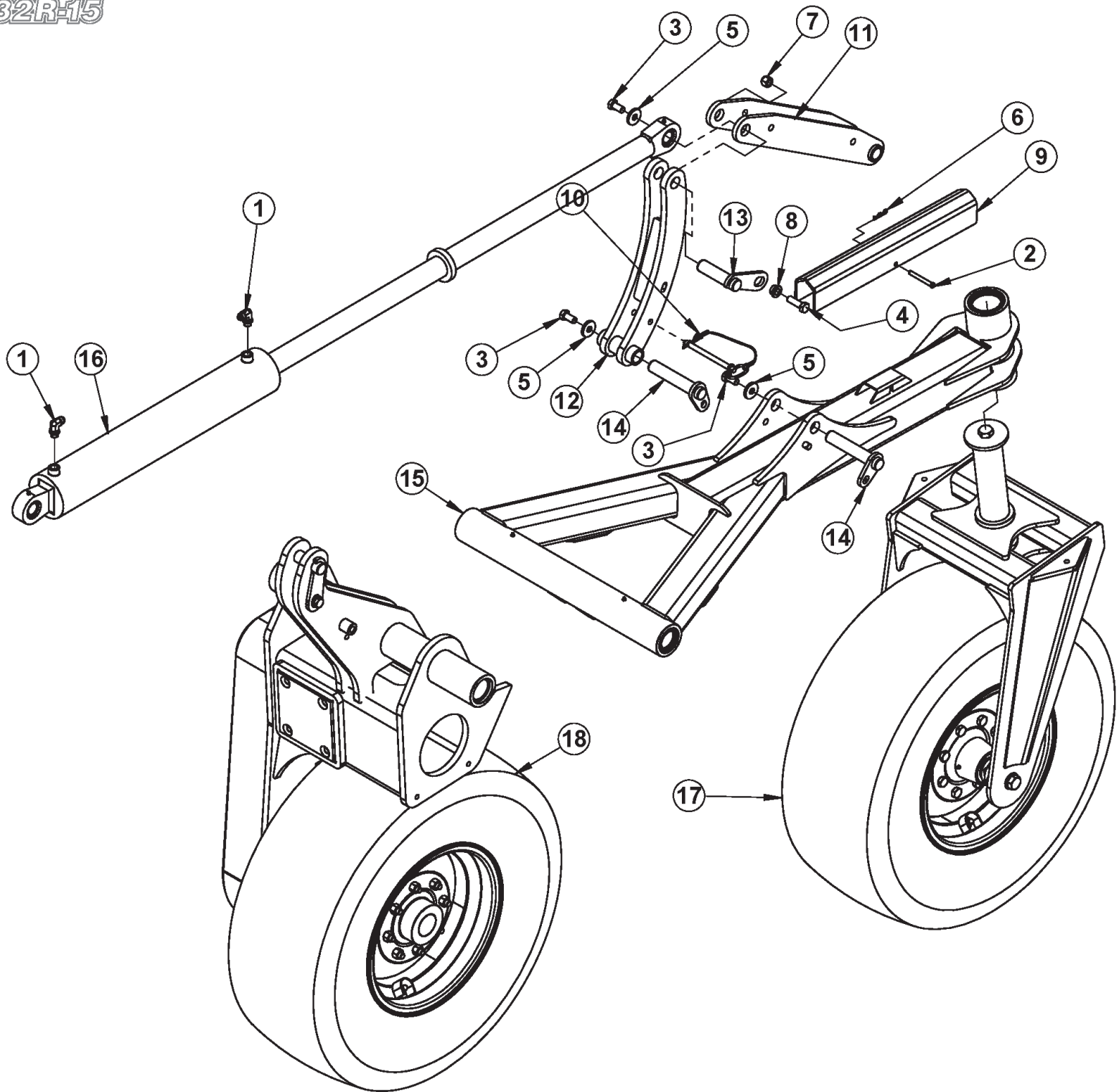


TA01742 Assy, Delta Force Valve

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	73368374	<NOT SPECIFIED>	1	
2	AD-06MFS-06FST-90	AD-06MFS-06FST-90	1	
3	AD-06MFS-08MB-90	AD-06MFS-08MB-90	2	
4	AD-06MFS-08MB	AD-06MFS-08MB	4	
5	AD-08MJ-10MB-90	ADAPTER 08MJ-10MB 90	2	
6	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	4	
7	HB-0.375-16X5.50Y8	HBolt-0.3750-16x5.500-YZ8	2	
8	HDWSH-0.375X1.375Y	HD Washer 0.375 x 1.375	2	
9	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	2	

Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
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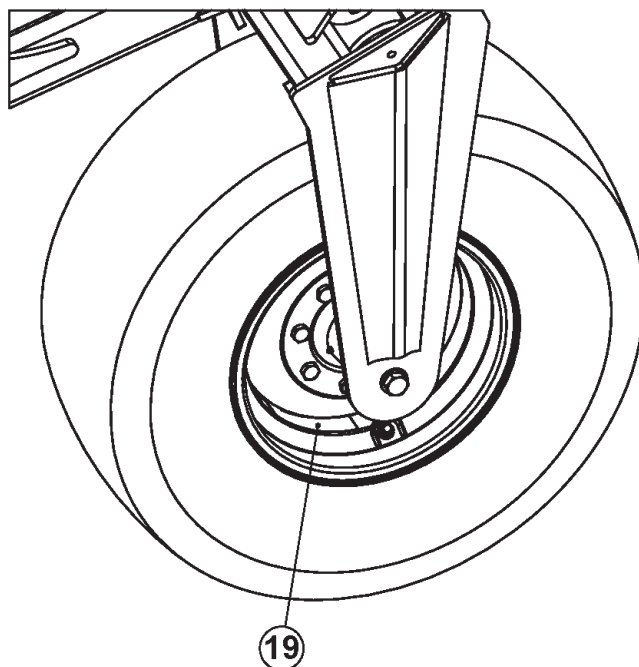
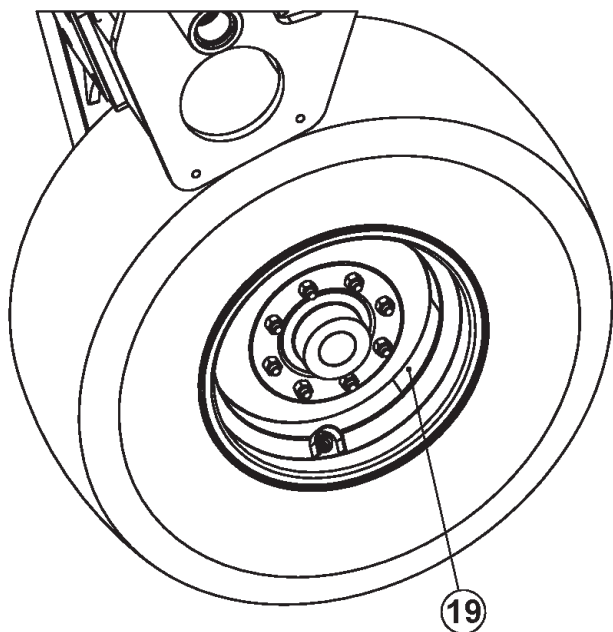


TA01848 Assy, 32R15 Wing Wheel

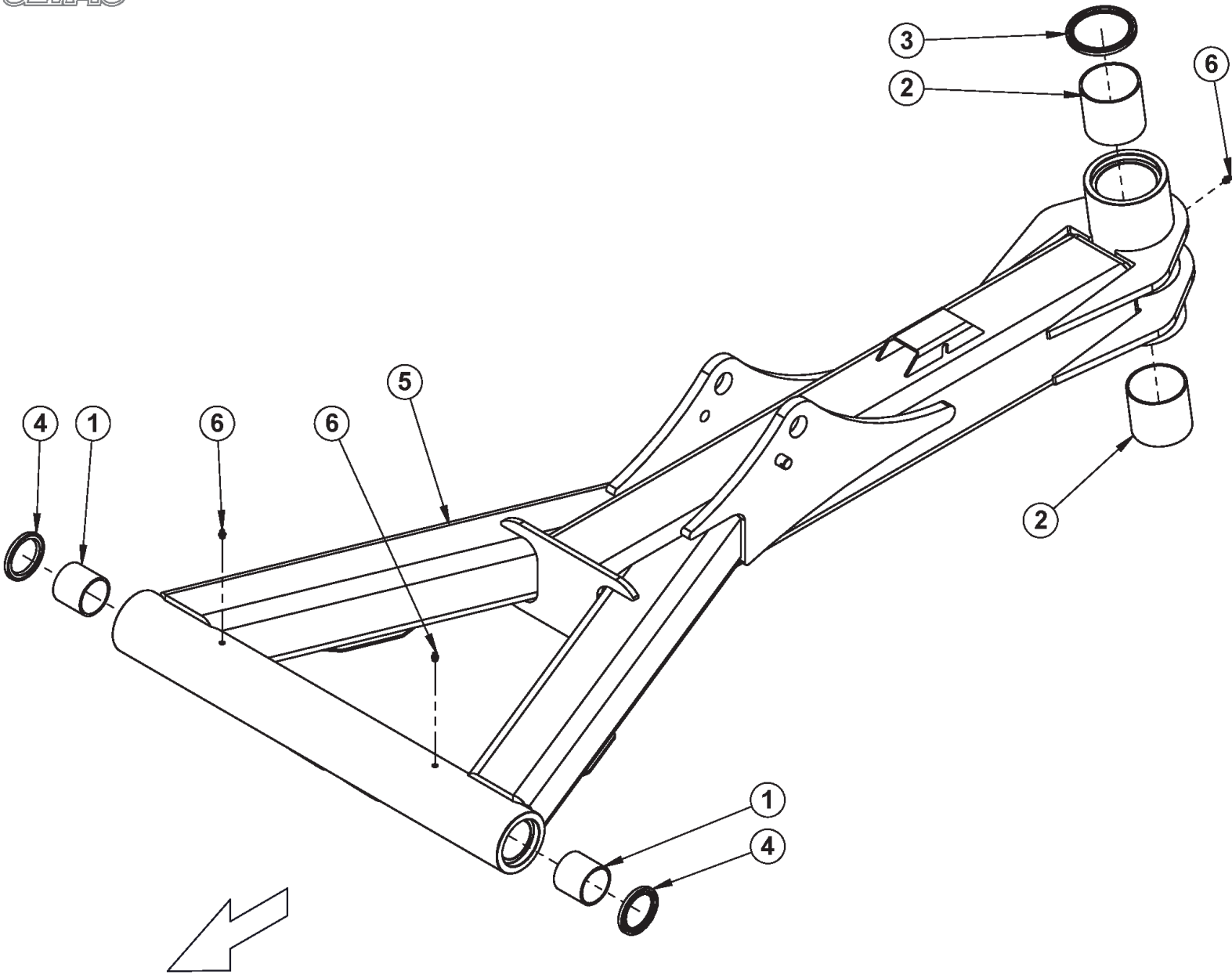
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	AD-08MJ-08MB-90	ADAPTER 08MJ-08MB 90	2	
2	CLPIN-0.375X3.25Y	Clevis Pin, Ø3/8" X 3-1/4 YZ	1	
3	HB-0.625-11X1.25Y8	Bolt, Hex Head-5/8-11x1.25-YZ8	3	
4	HB-0.625-11X2.00Y8	Bolt, Hex Head-5/8-11x2-YZ8	1	
5	HDWSH-0.64X1.75Y	HD Washer 0.64 x 1.75	3	
6	HPINCLIP-0.313 YZ	Hair Pin Clip-Ø5/16" YZ	1	
7	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	1	
8	T0050854	Anti Rotation Insert	1	
9	T0054022	Channel - Wing Cylinder Stop	1	
10	TA01111	Lock Pin Asm	1	
11	TW001052	Wldmt, Wing Wheel Link	1	
12	TW001053	Wldmt, Wing Wheel Link	1	
13	TW001056	Pin Weldment	1	
14	TW001073	Pin Weldment	2	
15	TA01851	Assy, Rear Wing Wheel Arm	1	
16	TA01728	Cylinder, Hyd 4.33X25.00 Reph	1	
17	TA01378	Assy, Caster Wheel	1	
18	TA01849	Assy, Single Front Wing Wheel	1	
19	T0054597	Decal, 30 psi & 175 Lug Torque	2	

Note:

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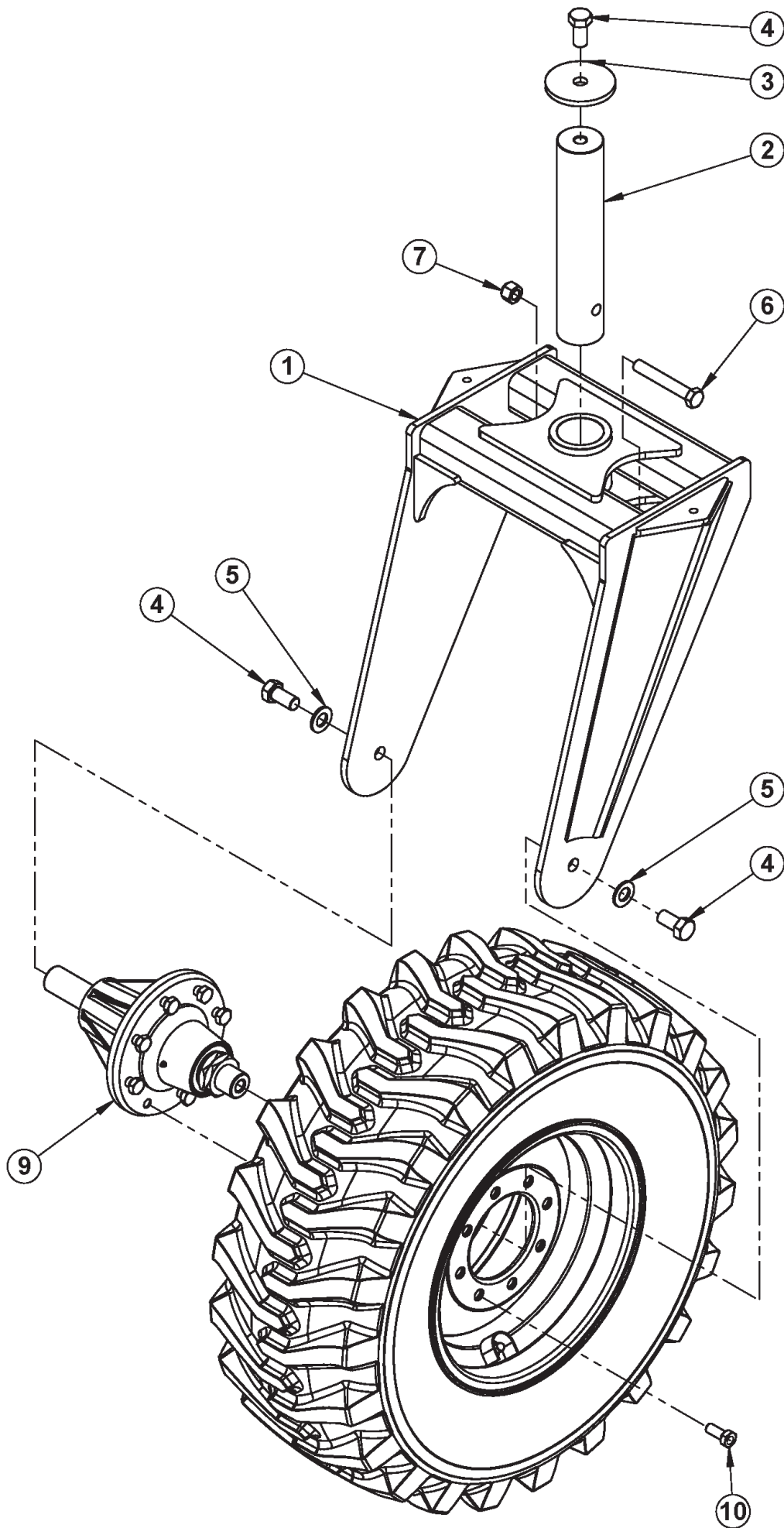


P/N T0054597 Decal to be installed on outer rim
location as shown 4 places



TA01851 Assy, Rear Wing Wheel Arm

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	PB-2.000X2.25X2.00	Polylube Bush, Ø2.00xØ2.25x2.00	2	
2	PB-3.000X3.25X3.00	Polygon Bushing 3.000 x 3.25 x 3.00	2	
3	T0051586	3.00 Grease Seal	1	
4	T0051585	2.00 Grease Seal	2	
5	TW001409	Wldmt, Rear Wing Wheel Arm	1	
6	ZERK-0.250-28	Zerk, 1/4-28	3	

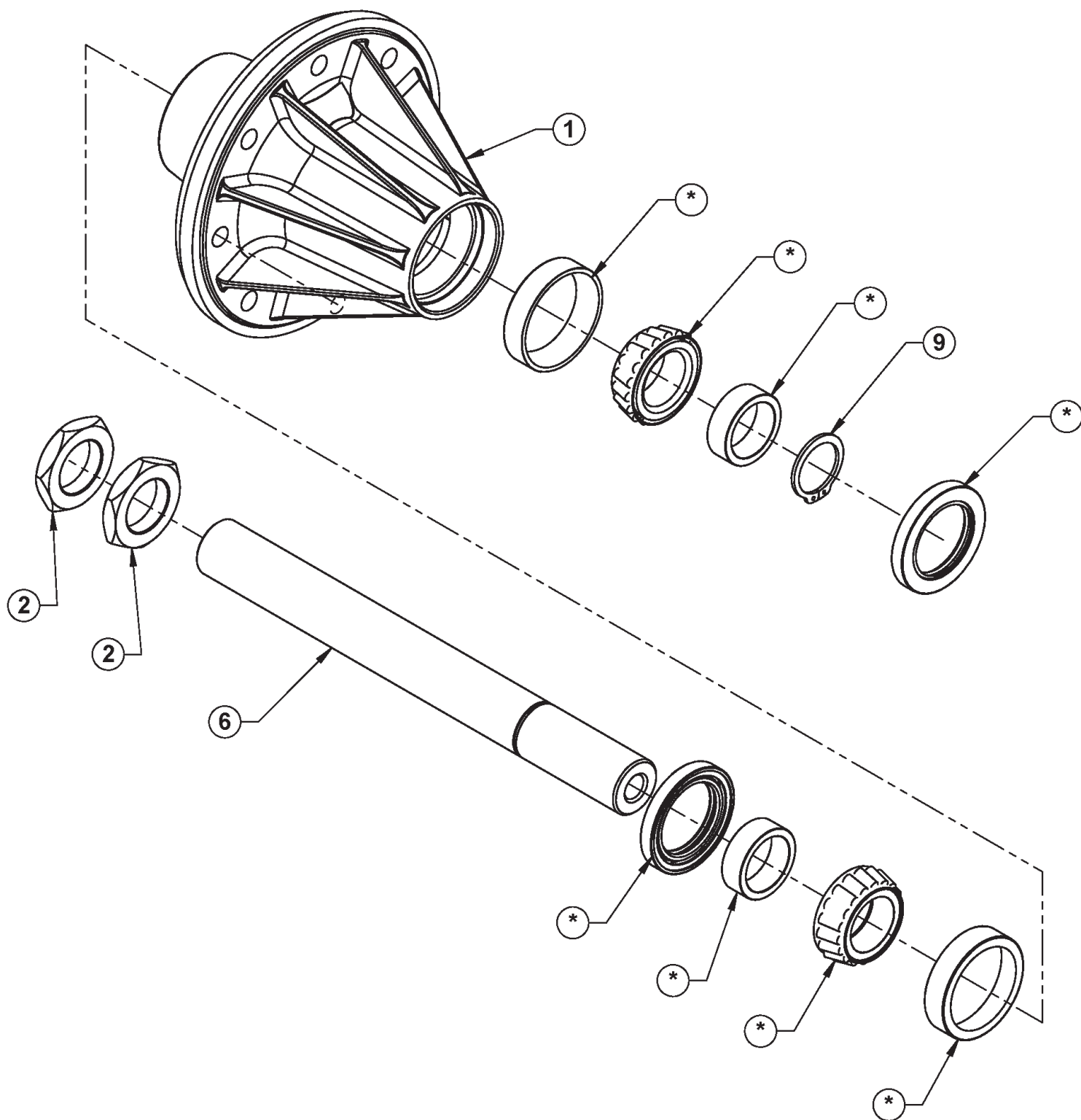


TA01378 Assy, Caster Wheel

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW000955	Wldmt, Caster	1	
2	T0053461	Caster Shaft	1	
3	HDWSH-0.89X4.50Y	HD Washer .875 x 4.5	1	
4	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	3	
5	FW-SAE-0.875Y	FW-SAE-0.875-YZ	2	
6	HB-0.750-10X5.00Y8	Bolt, Hex Hd 3/4-10x5-YZ8	1	
7	NLNUT-0.750-10Y8	Nut, Nylock 3/4-10-YZ8	1	
8	TA01371	Wheel Assy	1	
9	TA01379	Assy, 8 Bolt Hub	1	
10	WB-0.625-18X1.38C5	Wheel Bolt, 5/8-18X1-3/8 C5	8	175

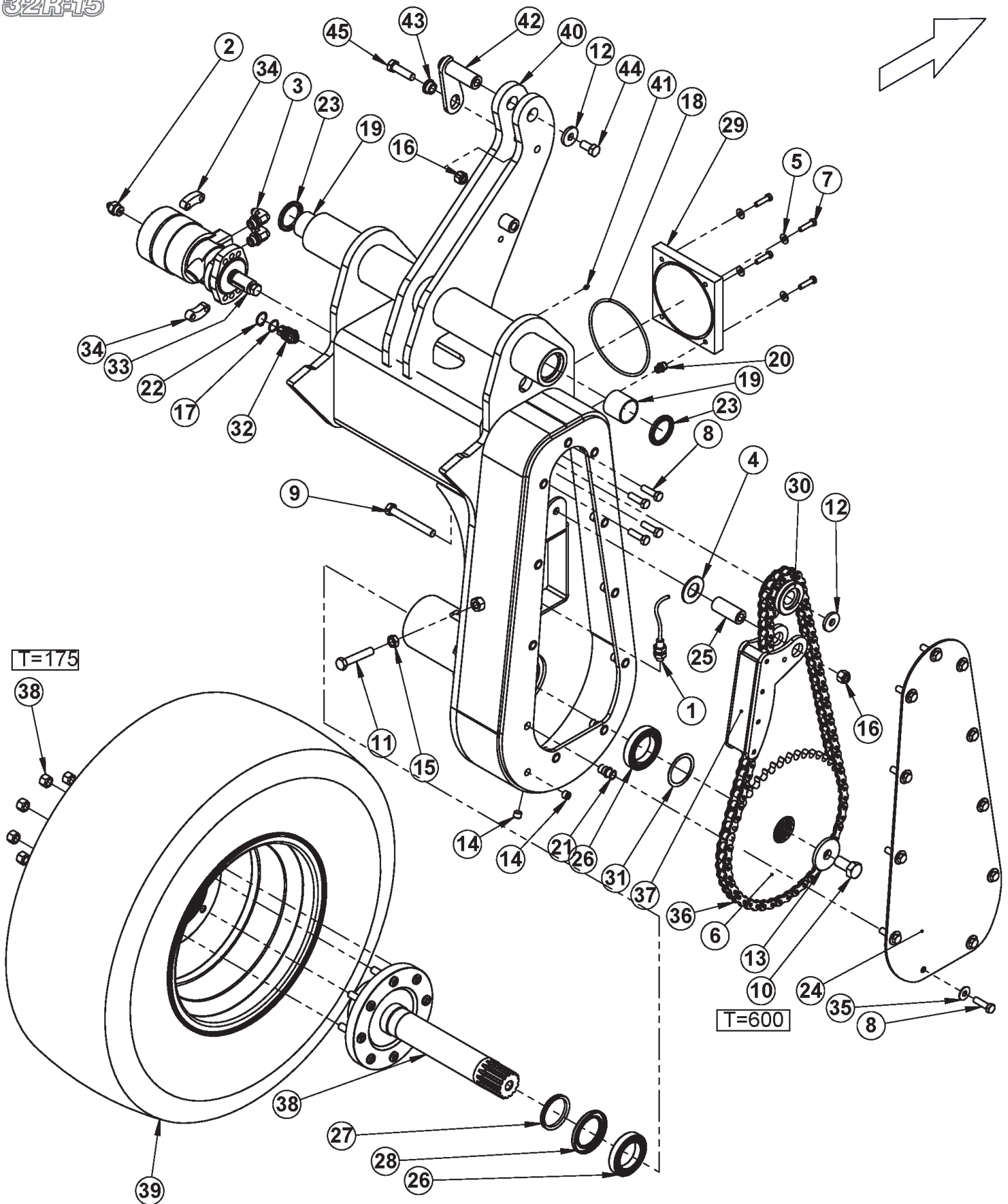
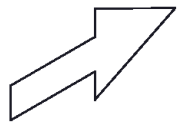
Note:

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TA01379 Assy, 8 Bolt Hub

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0055787	Hub, 8-Bolt Straddle	1	
2	87504483	Nut, Jam 1-3/4-12UNF Gr5 YZ	2	
3	ZERK-0.250-28	Zerk, 1/4-28	1	
4	T0054400	Bearing Race	2	
5	T0054401	Bearing, Wheel	2	
6	T0054964	Axle, 8-Bolt Straddle Hub	1	
7	T0054403	Hub Spacer	2	
8	T0054404	Seal, Shaft Ø2.25	2	
9	SRING-EXT-HD-1.75Y	Retaining Ring, External 1-3/4 HD YZ	1	

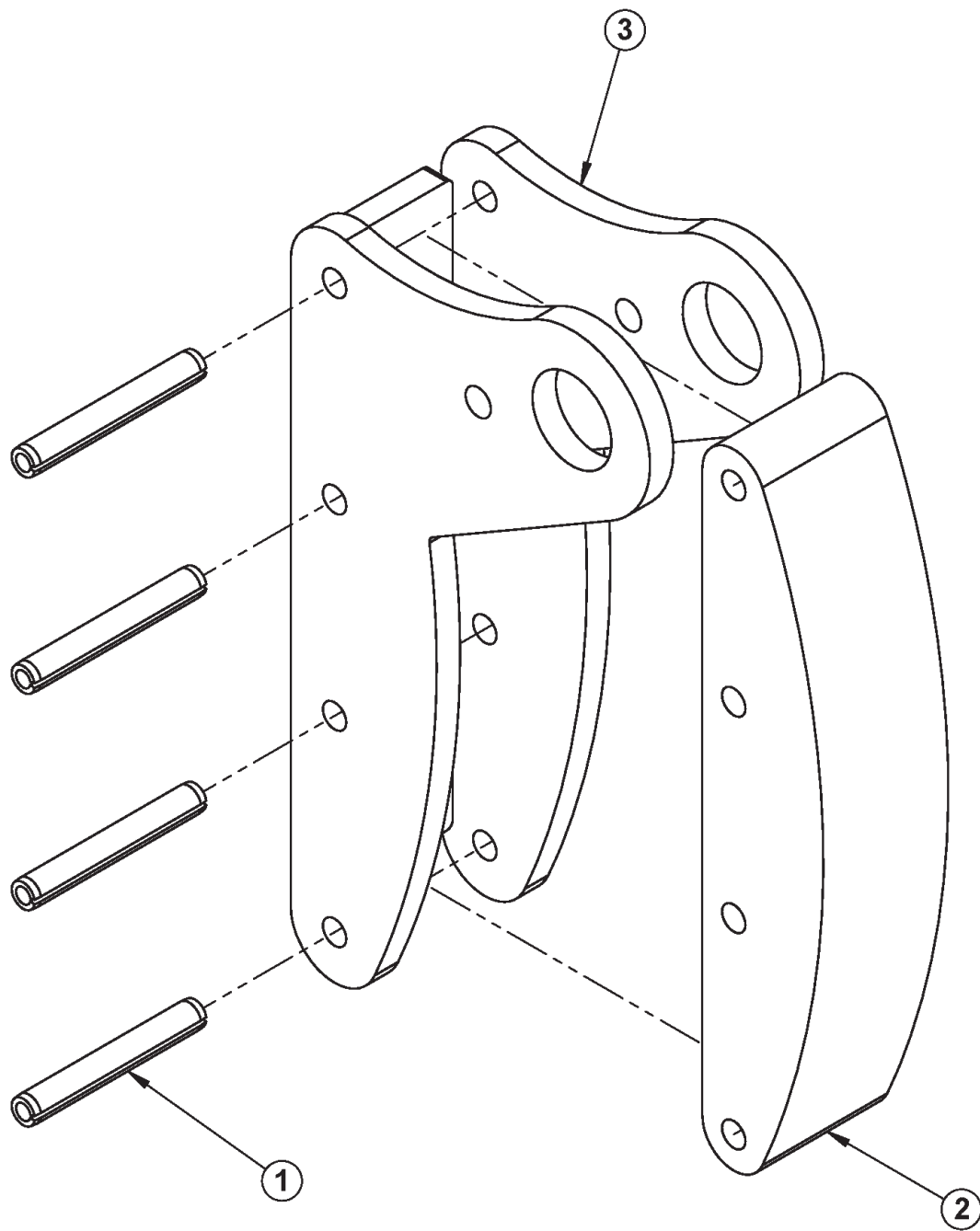


TA01849 Assy, Single Front Wing Wheel

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	324049A1	Sensor, Hall Effect Zero Speed	1	
2	AD-06MJ-10MB	ADAPTER 06MJ-10MB	1	
3	AD-08MJ-10MB-90	ADAPTER 08MJ-10MB 90	2	
4	FW-SAE-1.250Y	Washer, Flat-SAE-1-1/4-YZ	1	
5	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	4	
6	T0055821	Sprocket, 45T #80 Machined	1	
7	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	4	
8	HB-0.500-13X1.75Y8	Bolt, Hex Hd 1/2-13x1-3/4 YZ8	15	
9	HB-0.625-11X5.00Y8	Bolt, Hex Head-5/8-11x5.0-YZ8	1	
10	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	1	
11	HBFT-0.625-11X3.50Y8	HBolt-0.6250-11x3.500-FT-YZ8	1	
12	HDWSH-0.64X1.75Y	HD Washer 0.64 x 1.75	2	
13	HDWSH-0.89X3.00Y	HD Washer 0.89 x 3.00	1	
14	HSPLUG-0.375-NPTFC	Plug, Hex Skt 3/8-18 NPTF CZ	2	
15	JNUT-0.625-11Y8	Nut, Jam-5/8-11-YZ8	1	
16	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	2	
17	ORING-1.130X.103	O-Ring, Ø1.130OD X Ø.103	1	
18	ORING-7.375X.188-N	O-Ring, Ø7.38ODxØ.188 Nitrile	1	
19	PB-2.000X2.25X2.00	Polylube Bush, Ø2.00xØ2.25x2.00	2	
20	RN-0.375-16-.31-.44-Y	Rivnut, 3/8-16 UNC .31-.44 GR	4	
21	RN-0.500-13-.35-.50Y	Rivnut, 1/2-13 .350-.500 GR	11	
22	SRING-EXT-1.13Y	Ring, Retaining Ext-1.125"	1	
23	T0051585	2.00 Grease Seal	2	
24	T0052065	Cover, Chaincase	1	
25	T0052084	Bushing, Tensioner Pivot	1	
26	T0053142	Ball Bearing, 65mm	2	
27	T0053269	Face Seal	1	
28	T0053270	Seal	1	
29	T0053552	Slider Block	1	
30	T0055808	Sprocket, 80C12 Machined	1	
31	T0054282	Drive Wheel Spacer	1	
32	T0054293	Harness, Wheel Drive	1	
33	T0054948	Motor, Wheel Drive 470cc	1	
34	T0054962	Plate, Motor Retainer	2	
35	FW-USS-0.438Y	Washer, Flat-USS 7/16-YZ	11	
36	T0055183	80 Pitches 80 Pitch Chain	1	
37	TA01089	Tensioner, Wheel Drive	1	
38	TA01369	Hub Assy	1	
39	TA01371	Wheel Assy	1	
40	TW001407	Wdmt, Single Front Wing Wheel	1	
41	ZERK-0.250-28	Zerk, 1/4-28	1	
42	TW001106	Pin Weldment	1	
43	T0050854	Anti Rotation Insert	1	
44	HB-0.625-11X1.25Y8	Bolt, Hex Head-5/8-11x1.25-YZ8	1	
45	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	

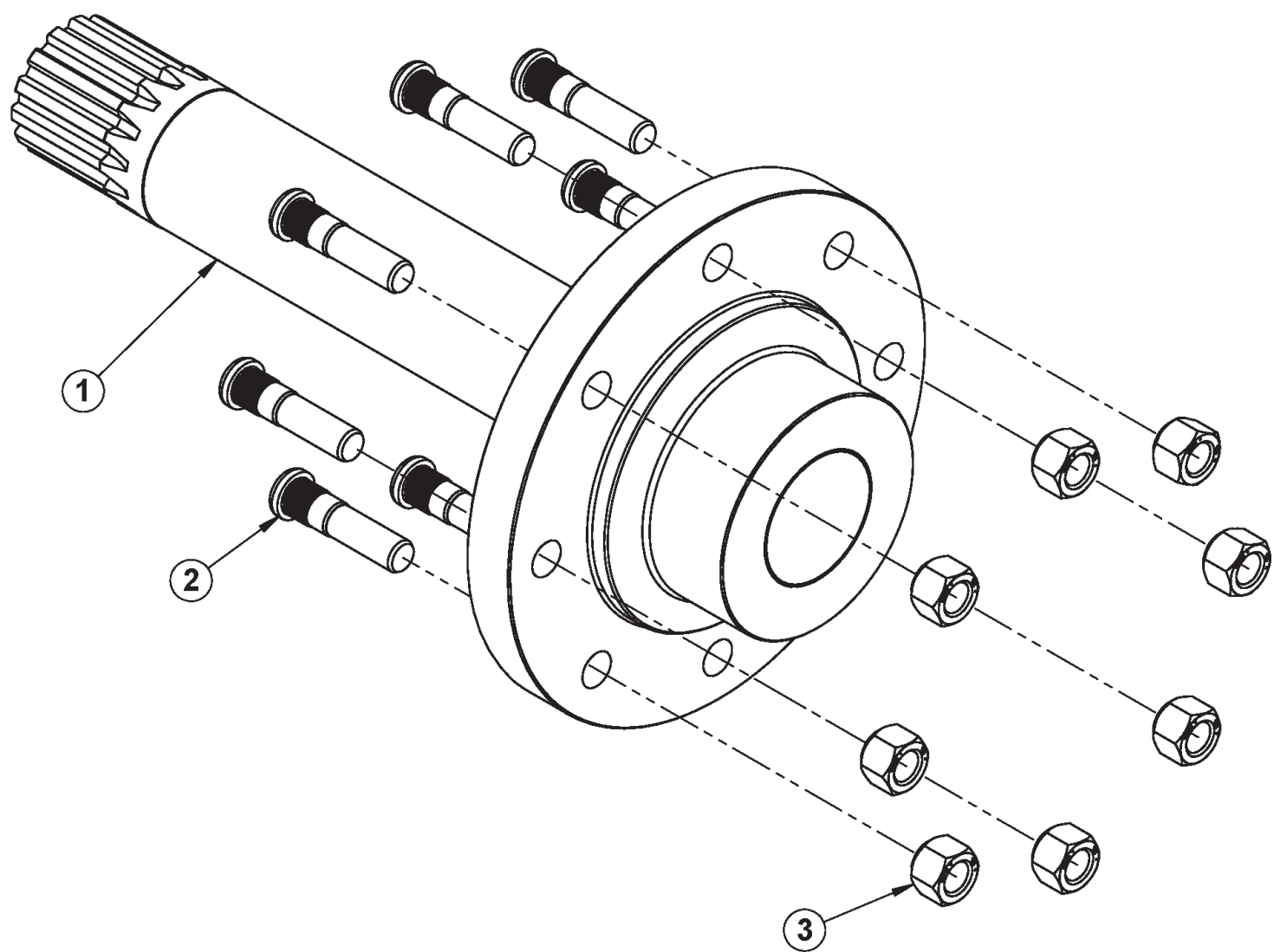
Note:

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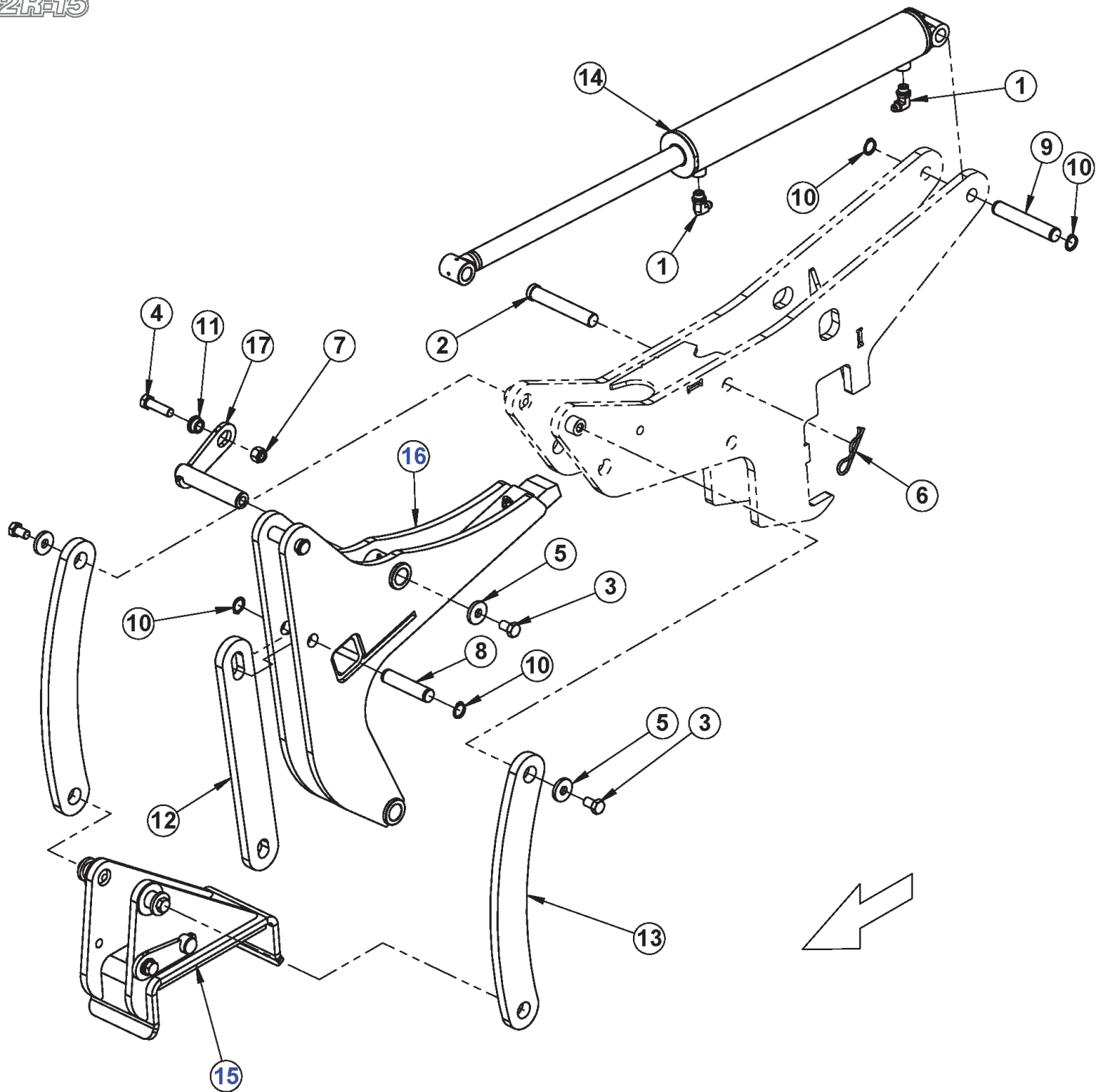
TA01089 Tensioner, Wheel Drive

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	RPIN-.375X2.75	Pin, Spring 3/8x2-3/4	4	
2	T0052064	Slide, Chain Tensioner	1	
3	TW001031	Tensioner Weldment	1	



TA01369 Hub Assy

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW001224	Axle, 15/20 Wing Wheel	1	
2	WS-0.625-18X2.50C8	Stud, Wheel 5/8-18 Gr8 CZ	8	
3	WHNUT-0.625-18C8	Nut, Wheel 5/8-18 Gr8 CZ	8	

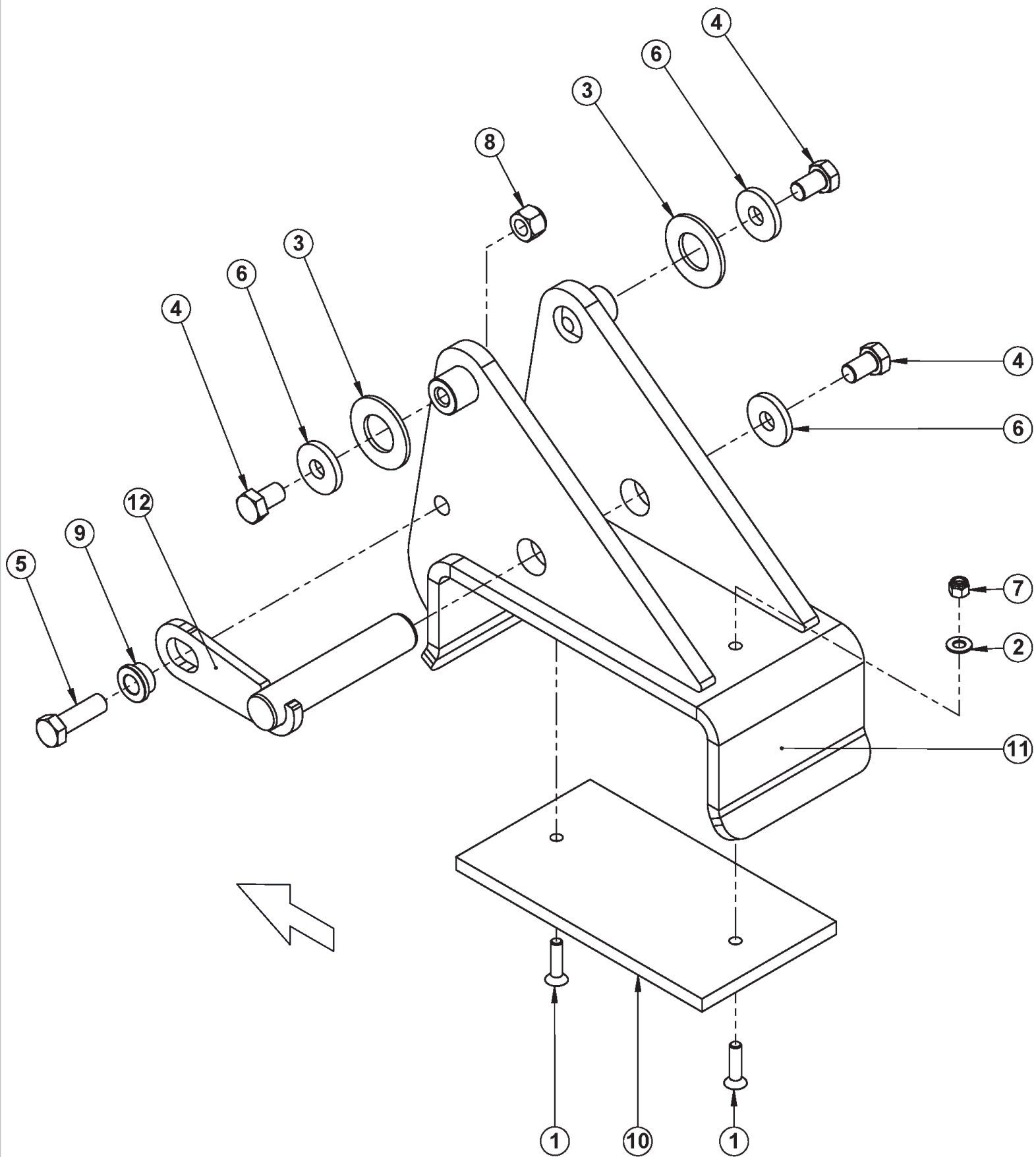


TA01858 Assy, RH Wing Lift

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	AD-06MJ-08MB-90	ADAPTER 06MJ-08MB 90	2	
2	CLPIN-1.000X6.00Y	Clevis Pin, Ø1" X 6" YZ	1	
3	HB-0.625-11X1.00Y8	Bolt, Hex Hd 5/8-11x1 YZ8	3	
4	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
5	HDWSH-0.64X1.75Y	HD Washer 0.64 x 1.75	3	
6	HPINCLIP-1.000Y	Hair Pin Clip-Ø1.0000" YZ	1	
7	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	1	
8	PIN-1.000X4.13Y	PIN-1.000X4.13Y	1	
9	PIN-1.000X5.75Y	Pin-1.0000x5.750-YZ	1	
10	SRING-EXT-HD-1.00Y	SRING-EXT-HD-1.00Y	4	
11	T0050854	Anti Rotation Insert	1	
12	T0052718	Linkage, Transport Lock	1	
13	T0053164	Linkage, Wing Lift	2	
14	TA00963	Cylinder, Hyd 3.00X20.00	1	
15	TA00979	Assy, Wing Engagement	1	
16	TA00980	Wing Lift Assy	1	
17	TW000906	Pin Weldment	1	

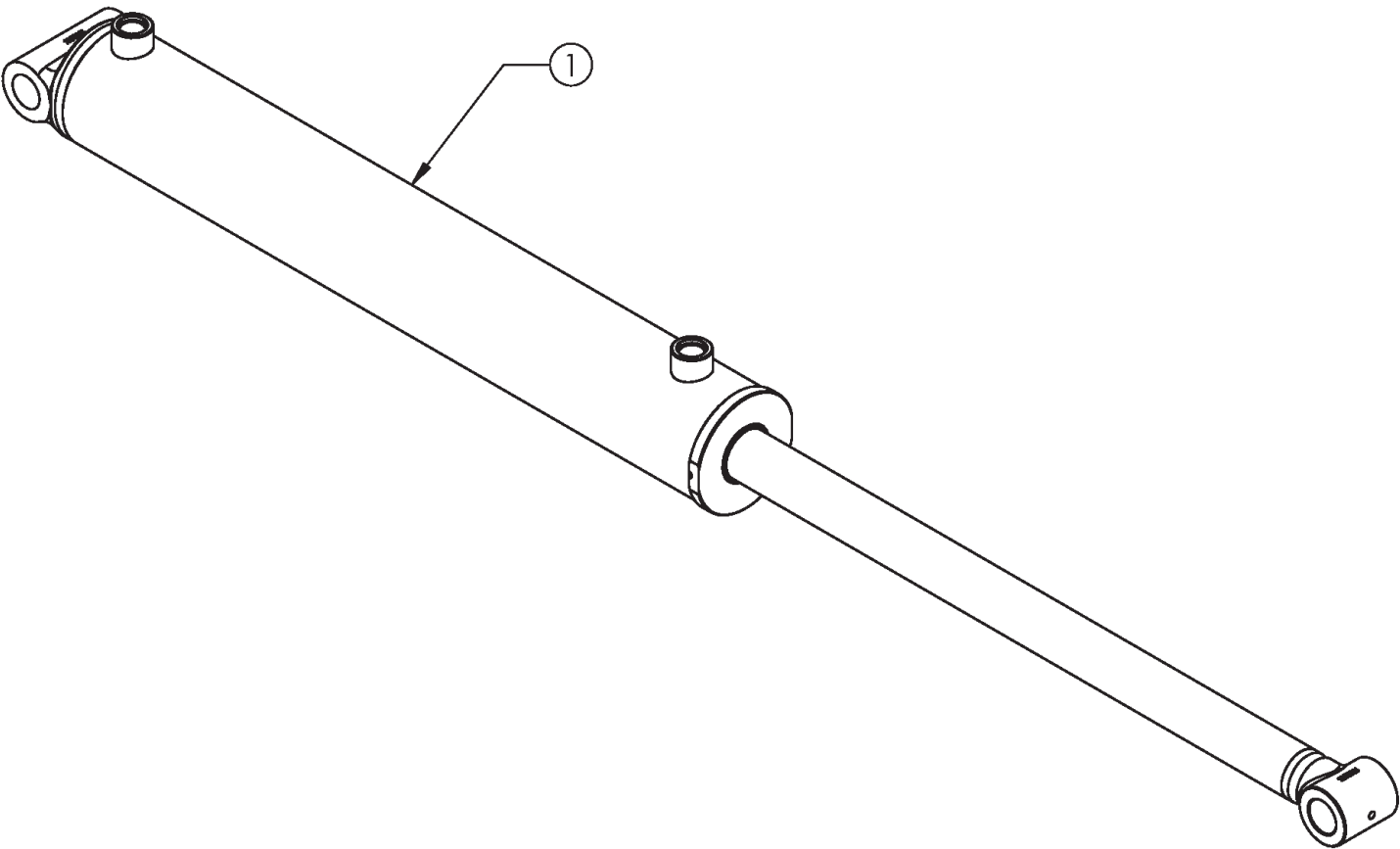
Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
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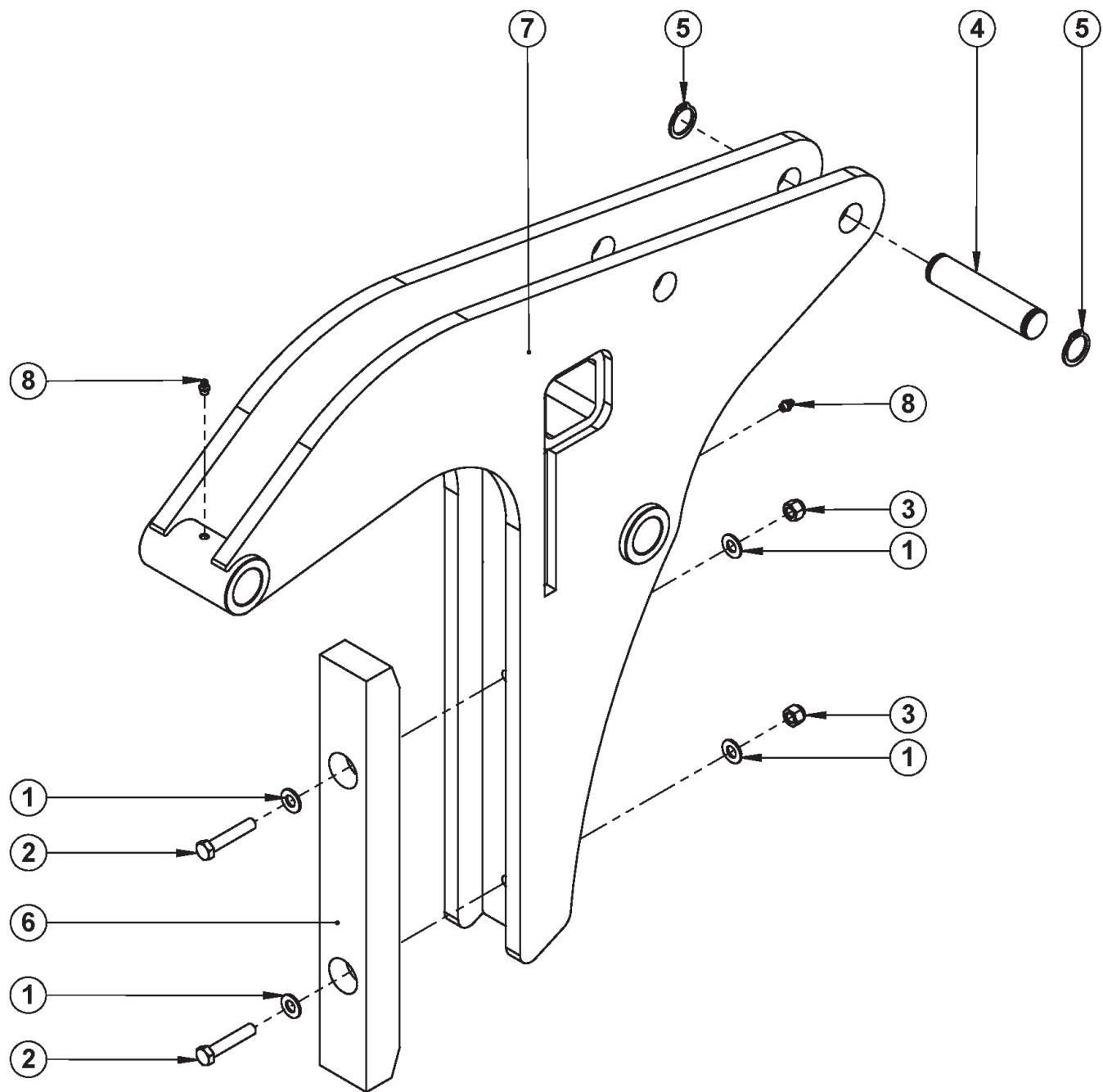
TA00979 Assy, Wing Engagement

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FHSCS-0.375-16X1.50Y8	FHCS 3/8-16x1-1/2-YZ	2	
2	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	2	
3	FW-SAE-1.250Y	Washer, Flat-SAE-1-1/4-YZ	2	
4	HB-0.625-11X1.00Y8	Bolt, Hex Hd 5/8-11x1 YZ8	3	
5	HB-0.625-11X2.00Y8	Bolt, Hex Head-5/8-11x2-YZ8	1	
6	HDWSH-0.64X1.75Y	HD Washer 0.64 x 1.75	3	
7	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	2	
8	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	1	
9	T0050854	Anti Rotation Insert	1	
10	T0053191	Pad, Wing Lift	1	
11	TW000900	Wldmt, Wing Engagement	1	
12	TW000906	Pin Weldment	1	



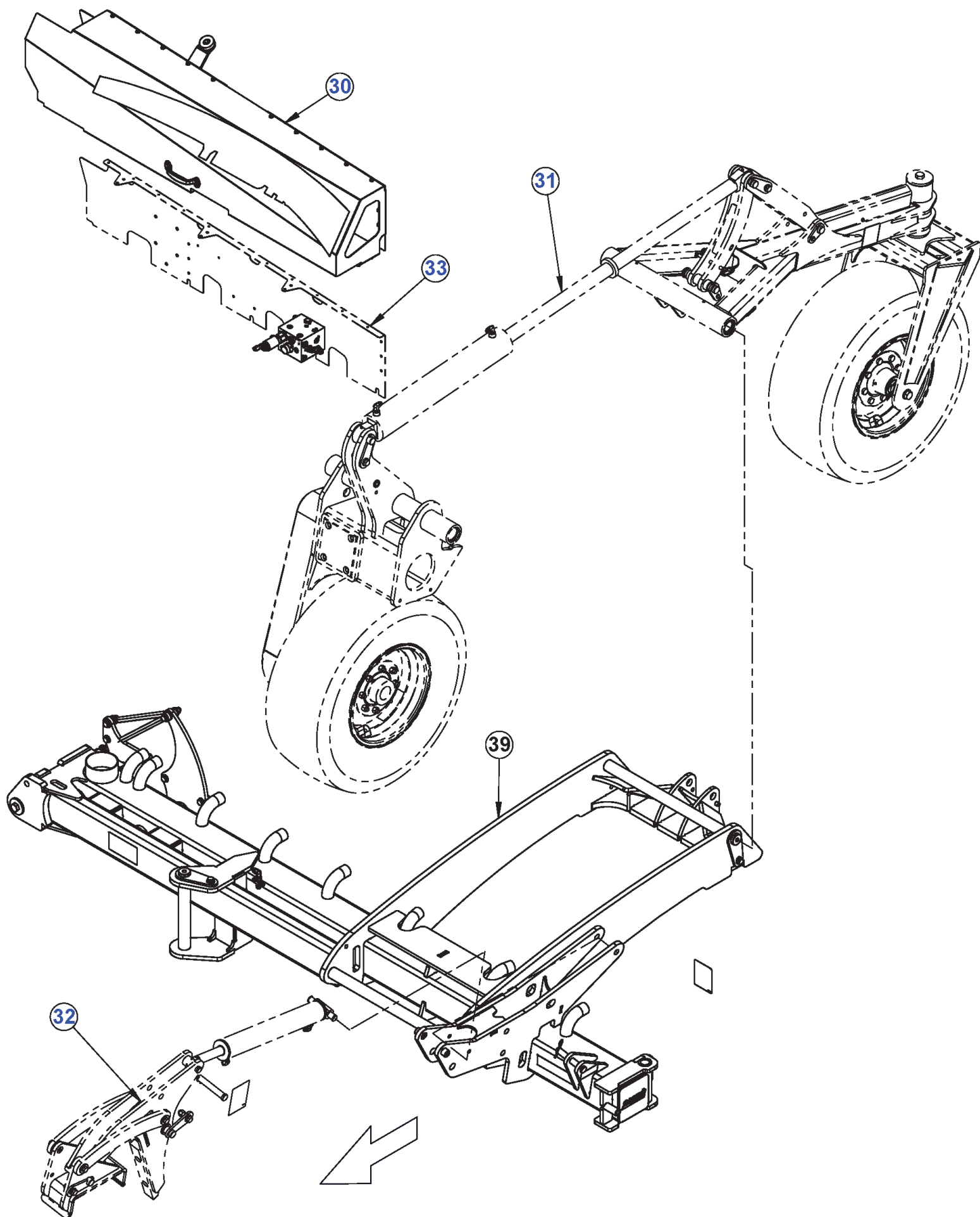
TA00963 Cylinder, Hyd 3.00X20.00

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0053106	Cylinder Hydraulic Base	1	
2	TA00963	Cylinder	1	



TA00980 Wing Lift Assy

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	4	
2	HB-0.375-16X2.00Y8	Bolt, Hex Hd 3/8-16x2-YZ8	2	
3	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	2	
4	PIN-1.000X4.13Y	PIN-1.000X4.13Y	1	
5	SRING-EXT-HD-1.00Y	SRING-EXT-HD-1.00Y	2	
6	T0052755	Lift Pad	1	
7	TW000901	Wldmt, Wing Lift	1	
8	ZERK-0.250-28	Zerk, 1/4-28	2	

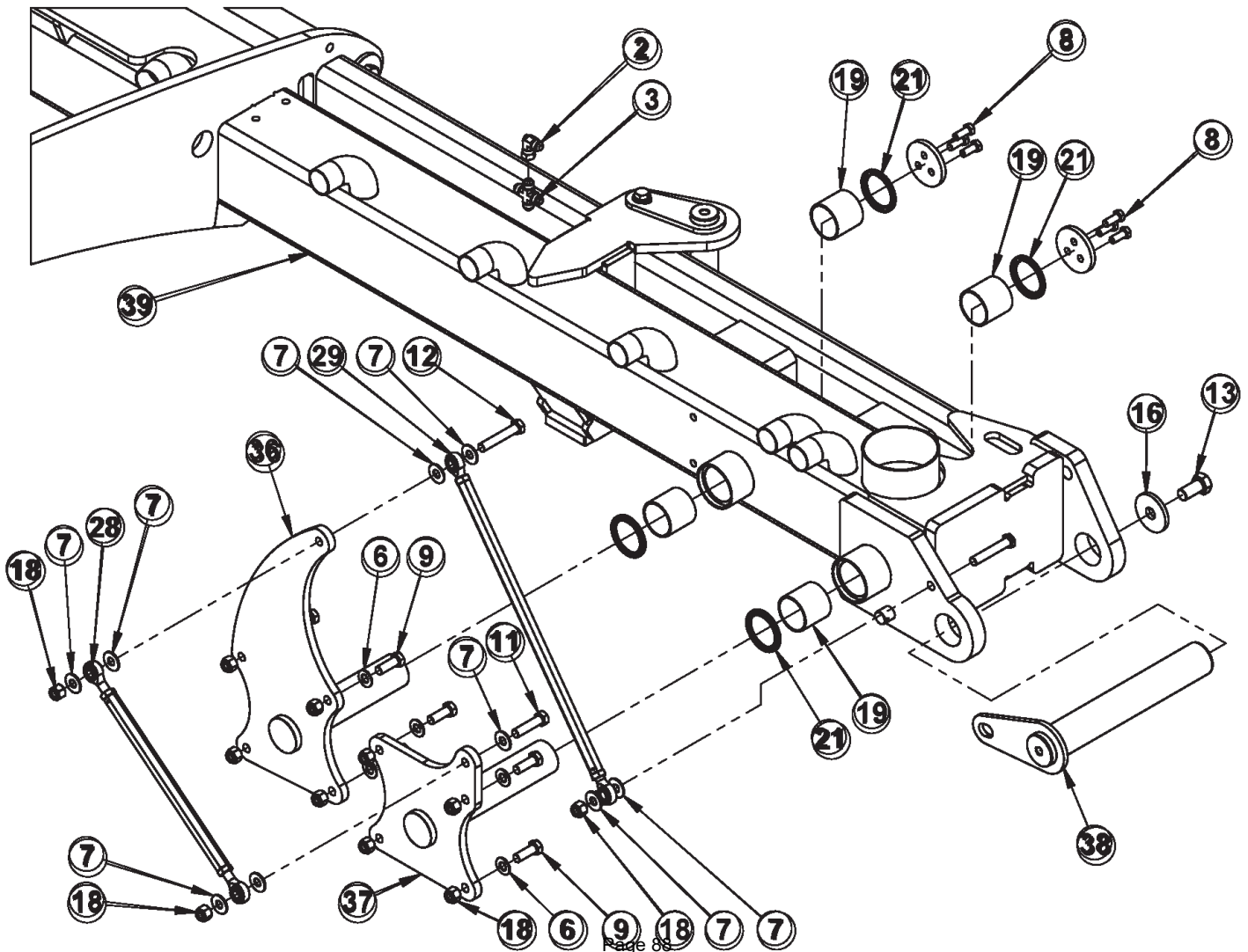
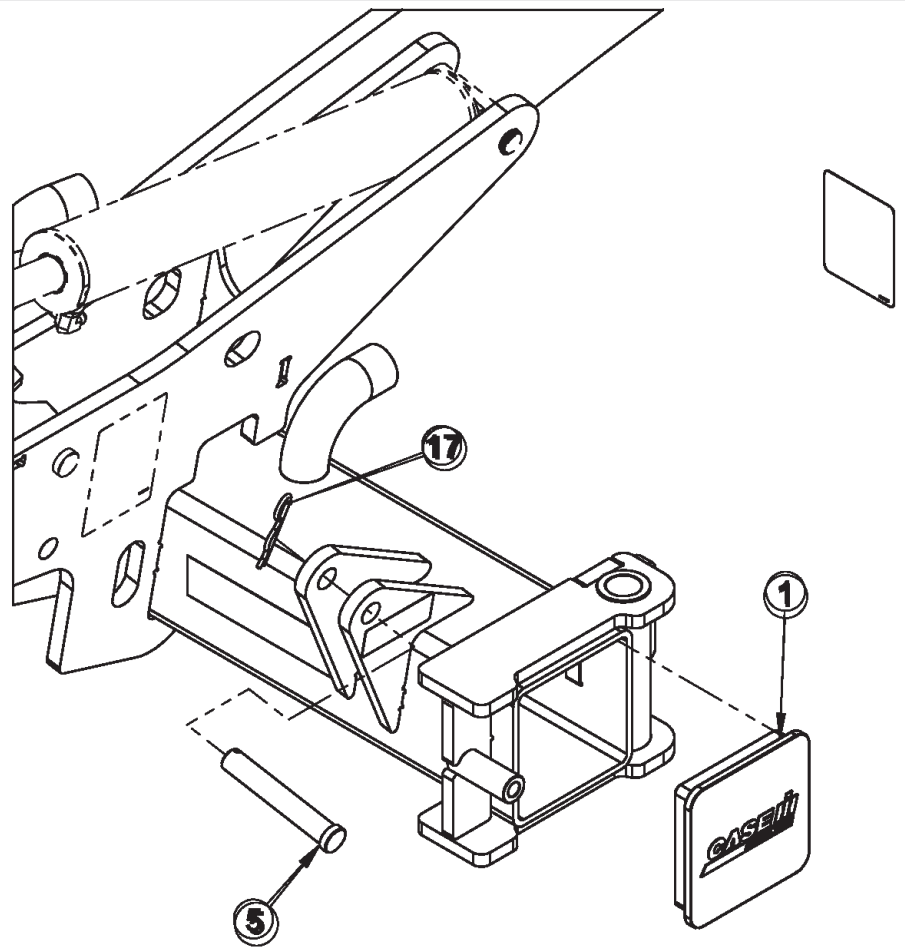


TA01821 Assy, 32R15 LH Wing Base

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	73368118	Cap, Case IH 7x7 Tube	1	
2	AD-08MJ-08FJX-90	ADAPTER 08MJ-08FJX 90	1	
3	AD-08MJ-CROSS	ADAPTER 08MJ CROSS	1	
4	ASB-10T	Rod End Ball	1	
5	CLPIN-1.000X6.00Y	Clevis Pin, Ø1" X 6" YZ	1	
6	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	8	
7	FW-USS-0.563YTH	Washer, FI 9/16 USS Th-Hrd YZ	9	
8	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	6	
9	HB-0.625-11X1.75Y8	Bolt, Hex Head-5/8-11x1.75-YZ8	8	
10	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
11	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	3	
12	HB-0.625-11X3.50Y8	Bolt, Hex Hd-5/8-11x3-1/2-YZ8	1	
13	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	4	
14	HBSH-0.625-11X3.50Y8	Bolt, Hex Hd-5/8-11x3-1/2-YZ8	1	
15	HDWSH-0.89X2.50Y	HD Washer 0.89 x 2.50	1	
16	HDWSH-0.89X3.00Y	HD Washer 0.89 x 3.00	3	
17	HPINCLIP-1.000Y	Hair Pin Clip-Ø1.0000" YZ	1	
18	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	14	
19	PB-2.500X2.75X2.50	Bush, Polygon 2.500x2.75x2.50	4	
20	T0050854	Anti Rotation Insert	3	
21	T0051584	2.50 Grease Seal	4	
22	T0051588	Decal, Warning - Crush Hazard	1	
23	T0051729	Decal, Reflector, Yellow-2x9	2	
24	T0051737	Decal, Warn CrshHaz Serv WngWhl	1	
25	T0052826	Decal, Notice Trans Lock	1	
26	T0053942	Decal, Danger-Wing Crsh Hzd	1	
27	T0054041	Washer, RU Pivot	2	
28	TA01108	Tie Rod Assy	1	
29	TA01109	Tie Rod Assy	1	
30	TA01823	Assy, 32R15 LH Wing Shield	1	
31	TA01848	Assy, 32R15 Wing Wheel	1	
32	TA01857	Assy, LH Wing Lift	1	
33	TA01869	Assy, LH Fan Meter Cntrl Valve	1	
34	TW000794	Pin Weldment	1	
35	TW001058	Pin Weldment	2	
36	TW001068	Row Unit Pivot Weld	1	
37	TW001070	Row Unit Pivot Weld	1	
38	TW001380	Pin Weldment	1	
39	TW001403	Wldmt, 32R15 LH Wing	1	

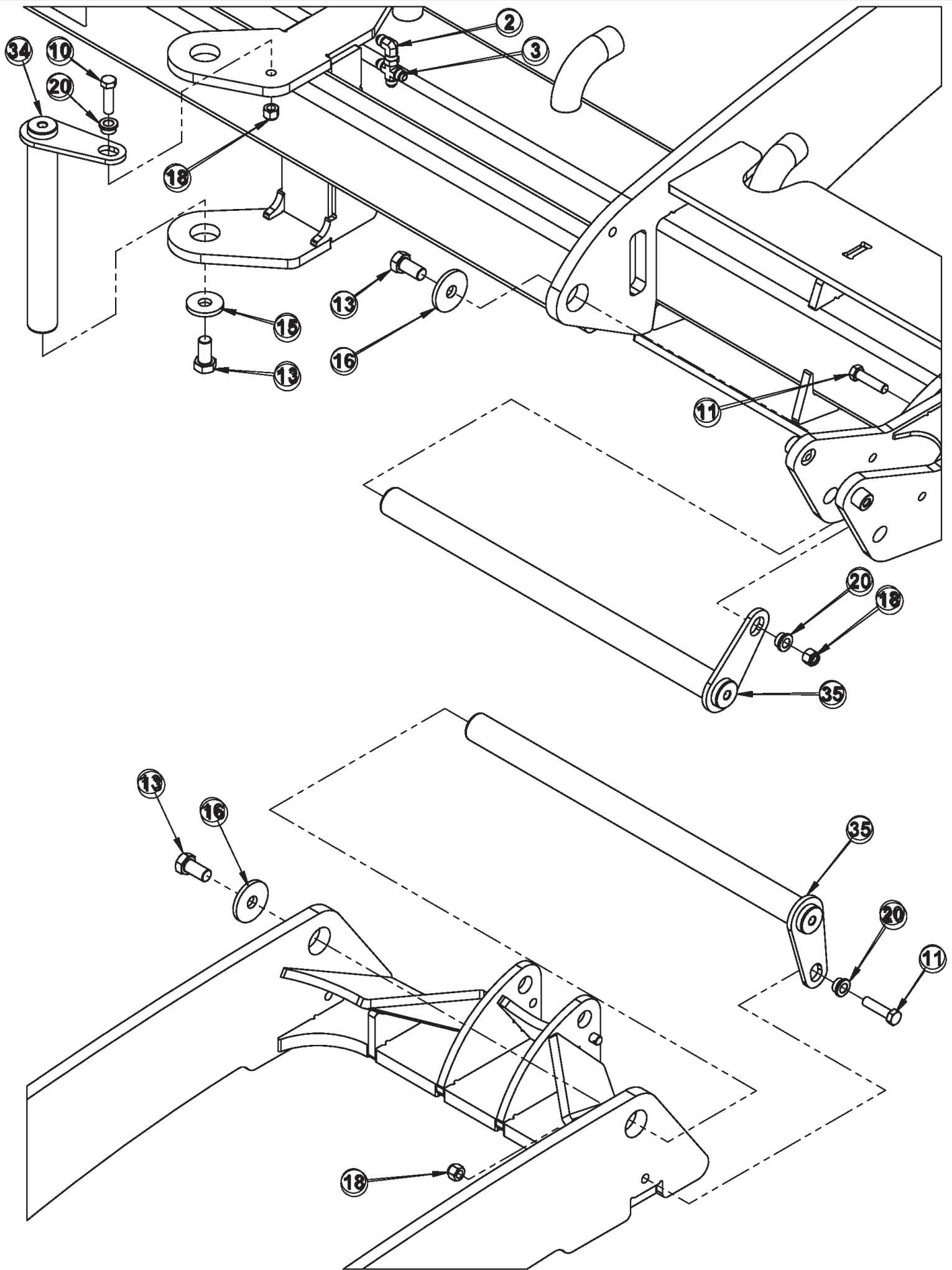
Note:

1. **[T=XXX]** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



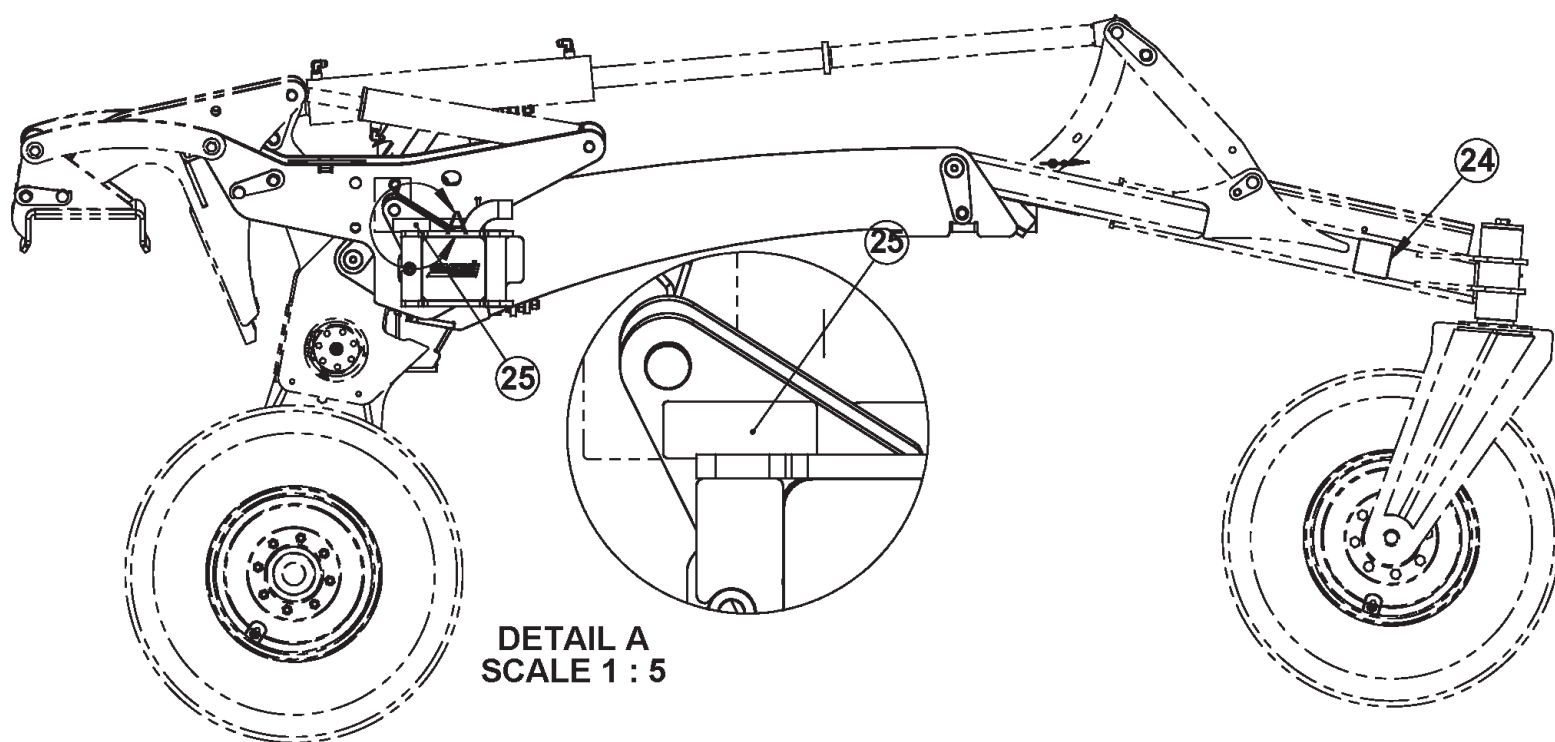
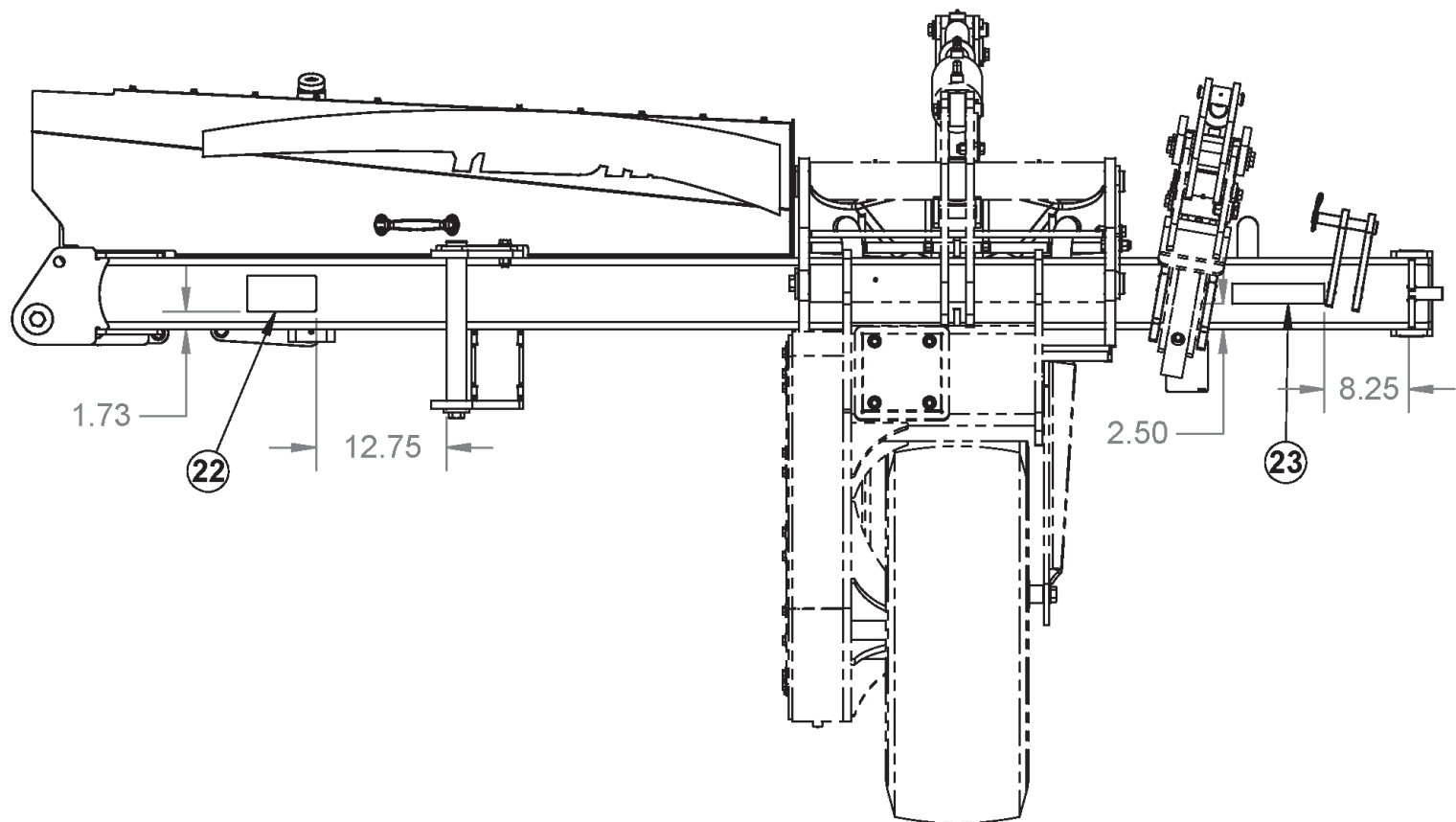
TA01821 Assy, 32R15 LH Wing Base

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	73368118	Cap, Case IH 7x7 Tube	1	
2	AD-08MJ-08FJX-90	ADAPTER 08MJ-08FJX 90	1	
3	AD-08MJ-CROSS	ADAPTER 08MJ CROSS	1	
5	CLPIN-1.000X6.00Y	Clevis Pin, Ø1" X 6" YZ	1	
6	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	8	
7	FW-USS-0.563YTH	Washer, FI 9/16 USS Th-Hrd YZ	9	
8	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	6	
9	HB-0.625-11X1.75Y8	Bolt, Hex Head-5/8-11x1.75-YZ8	8	
11	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	3	
12	HB-0.625-11X3.50Y8	Bolt, Hex Hd-5/8-11x3-1/2-YZ8	1	
13	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	4	
16	HDWSH-0.89X3.00Y	HD Washer 0.89 x 3.00	3	
17	HPINCLIP-1.000Y	Hair Pin Clip-Ø1.0000" YZ	1	
18	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	14	
19	PB-2.500X2.75X2.50	Bush, Polygon 2.500x2.75x2.50	4	
21	T0051584	2.50 Grease Seal	4	
28	TA01108	Tie Rod Assy	1	
29	TA01109	Tie Rod Assy	1	
36	TW001068	Row Unit Pivot Weld	1	
37	TW001070	Row Unit Pivot Weld	1	
38	TW001380	Pin Weldment	1	
39	TW001403	Wldmt, 32R15 LH Wing	1	



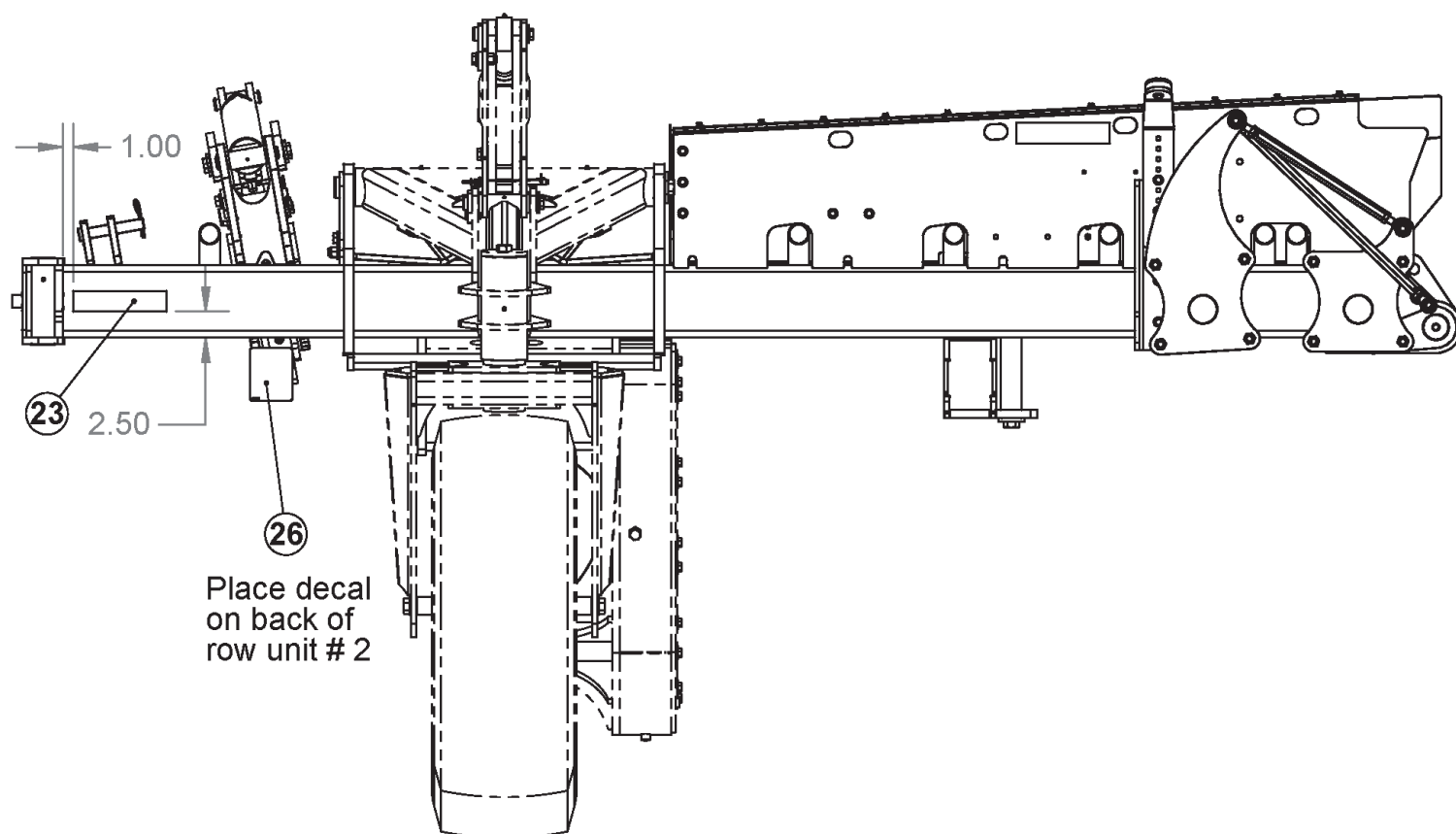
TA01821 Assy, 32R15 LH Wing Base

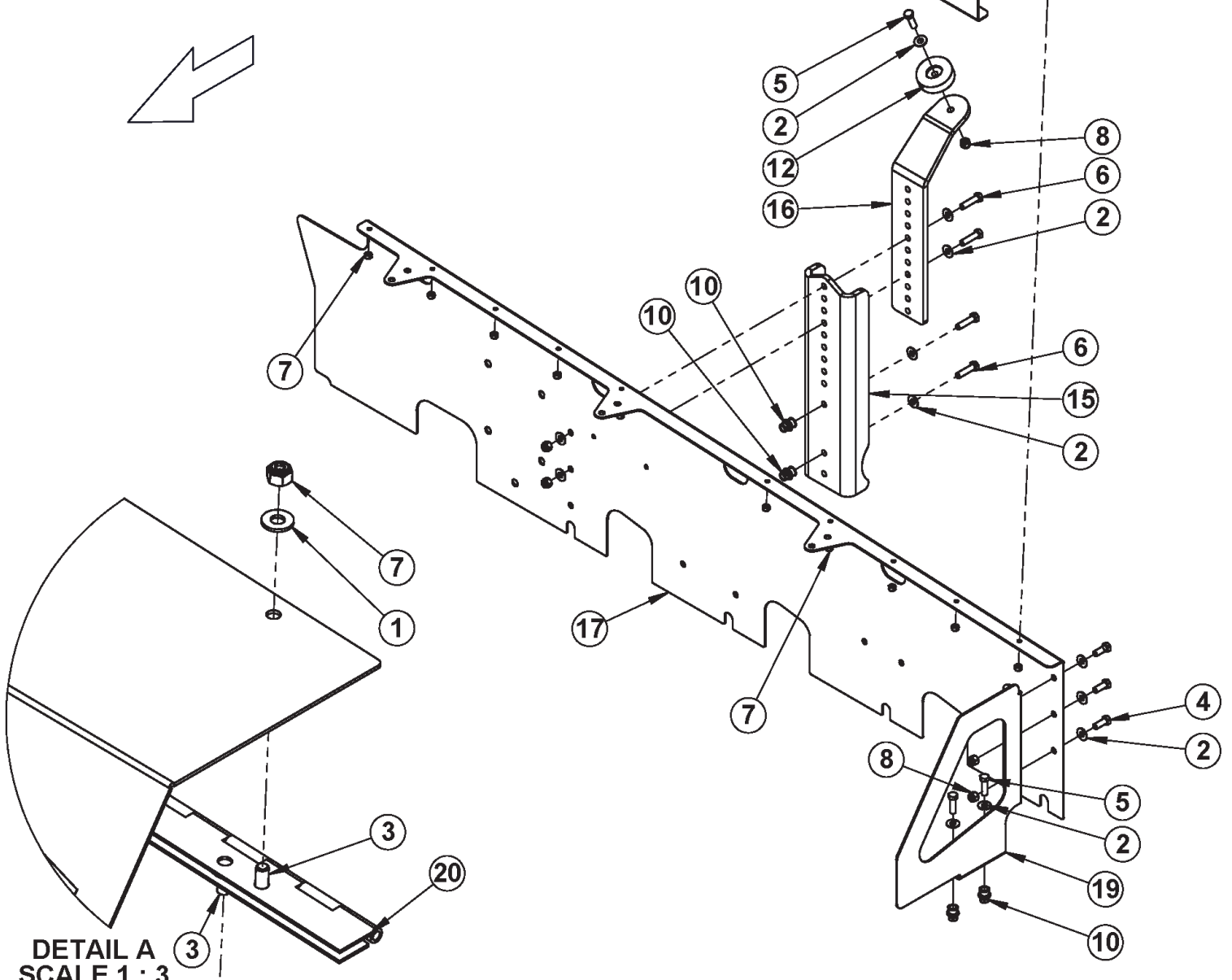
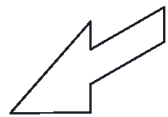
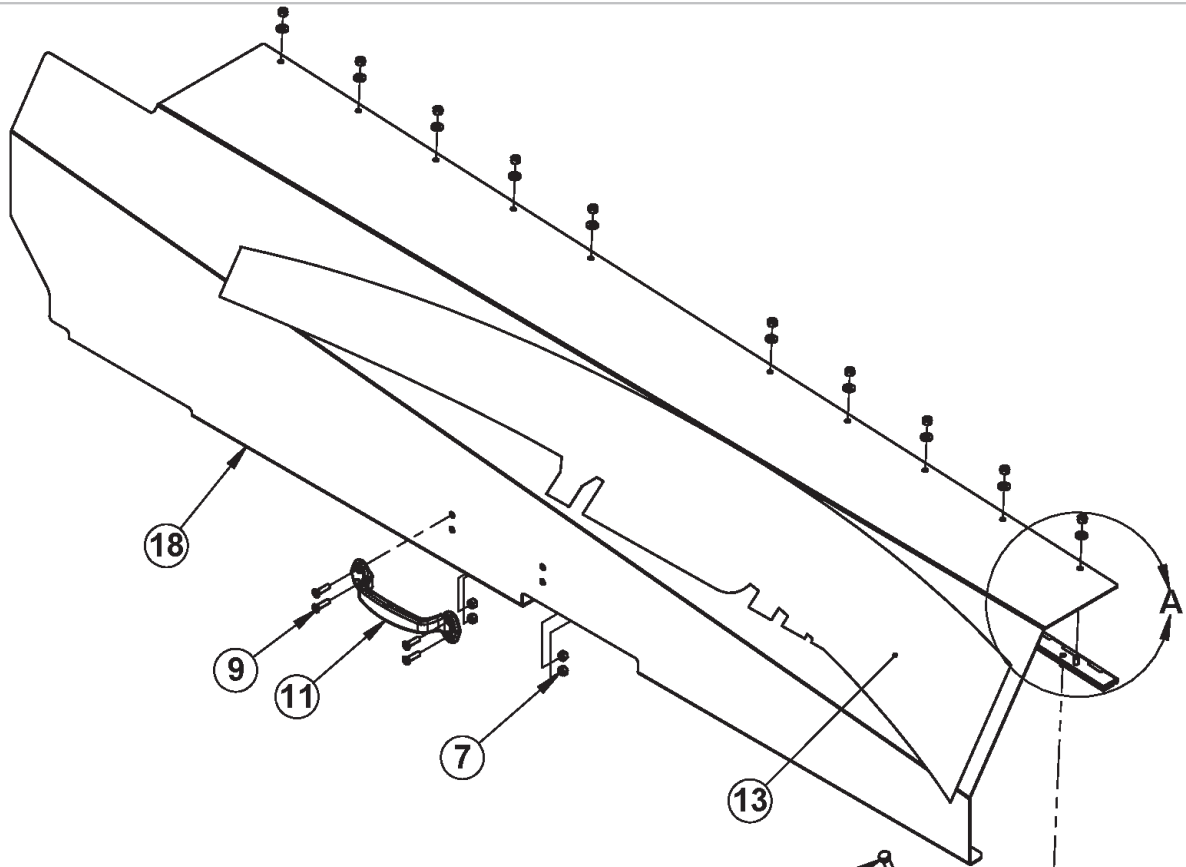
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
2	AD-08MJ-08FJX-90	ADAPTER 08MJ-08FJX 90	1	
3	AD-08MJ-CROSS	ADAPTER 08MJ CROSS	1	
10	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
11	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	3	
13	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	4	
15	HDWSH-0.89X2.50Y	HD Washer 0.89 x 2.50	1	
16	HDWSH-0.89X3.00Y	HD Washer 0.89 x 3.00	3	
18	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	14	
20	T0050854	Anti Rotation Insert	3	
34	TW000794	Pin Weldment	1	
35	TW001058	Pin Weldment	2	



TA01821 Assy, 32R15 LH Wing Base

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
22	T0051588	Decal, Warning - Crush Hazard	1	
23	T0051729	Decal, Reflector, Yellow-2x9	2	
24	T0051737	Decal, Warn CrshHaz Serv WngWhl	1	
25	T0052826	Decal, Notice Trans Lock	1	
26	T0053942	Decal, Danger-Wing Crsh Hzd	1	





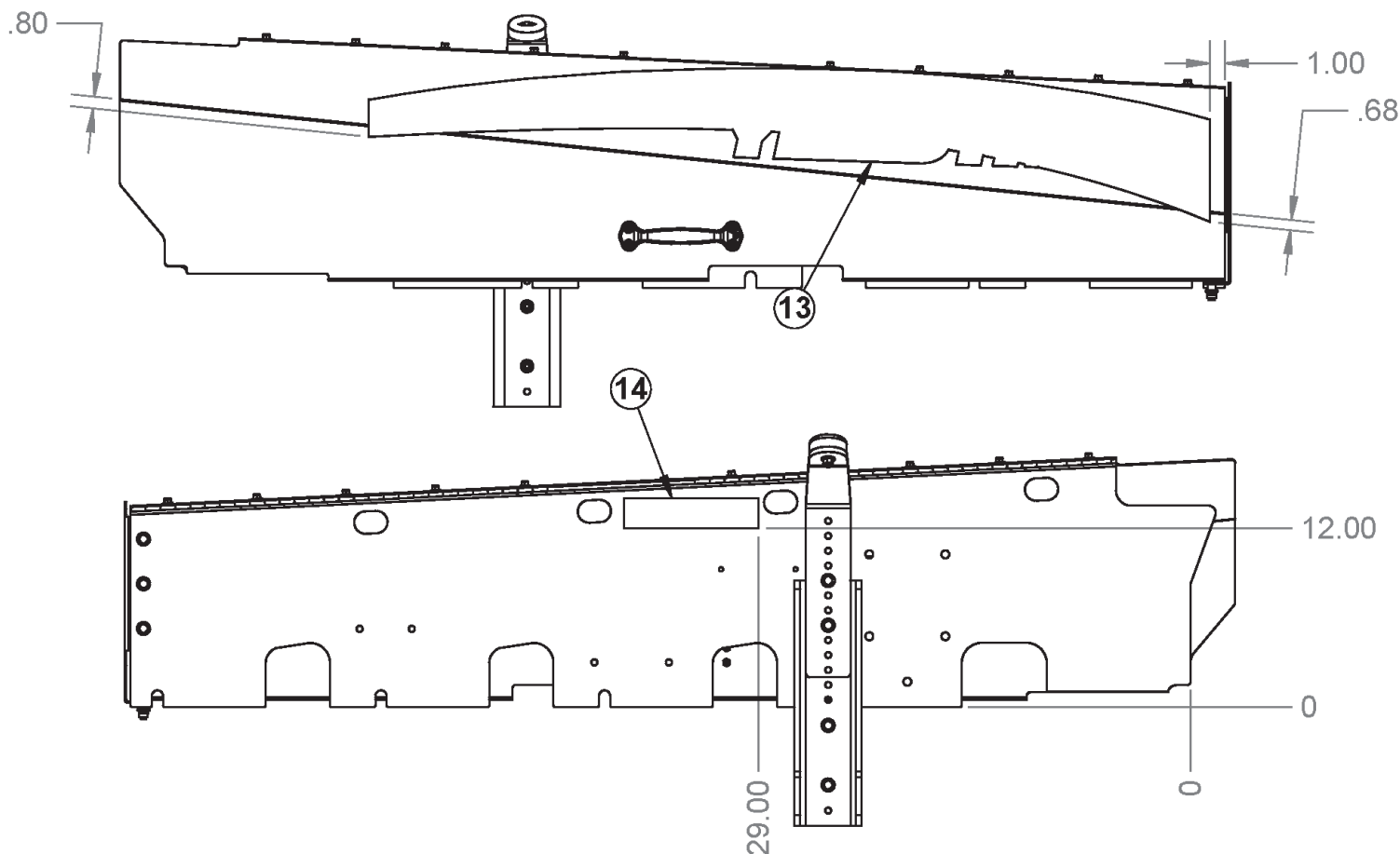
DETAIL A
SCALE 1 : 3

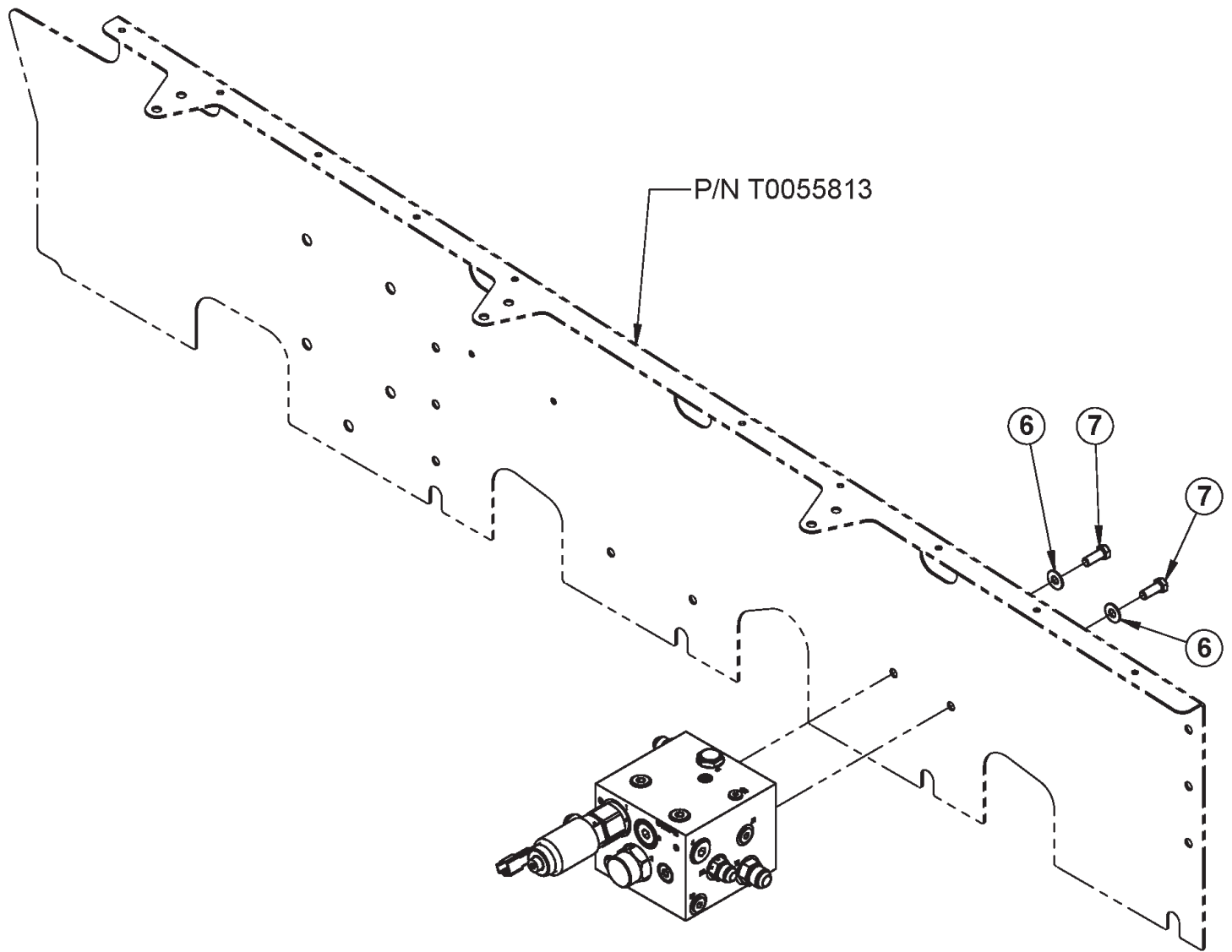
TA01823 Assy, 32R15 LH Wing Shield

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	FW-SAE-0.250Y	Washer, SAE Flat 1/4-YZ	10	
2	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	13	
3	HB-0.250-20X0.50Y8	Bolt, Hex Hd 1/4-20x1/2-YZ8	20	
4	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	3	
5	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	3	
6	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	4	
7	NLNUT-0.250-20Y8	Nut, Nylock 1/4-20-YZ8	24	
8	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	6	
9	OHPMS-.250-20X1.00SS	Screw, Ovl Hd Mach 1/4-20x1 SS	4	
10	RN-0.375-16-.31-.44-Y	Rivnut, 3/8-16 UNC .31-.44 GR	4	
11	T0051467	Handle	1	
12	T0051481	Rubber Stop	1	
13	T0051664	Decal, YieldTrac With Arch LH	1	
14	T0051729	Decal, Reflector, Yellow-2x9	1	
15	T0054582	Shield Mount	1	
16	T0054583	Mount, Shield Bumper	1	
17	T0055813	Panel, 32R15 LH Wing Back	1	
18	T0055815	Shield, 32R15 LH Wing	1	
19	T0055860	Cap, 32R15 LH Shield End	1	
20	TA00851	Piano Hinge	2	

Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.





See Detail A, & B

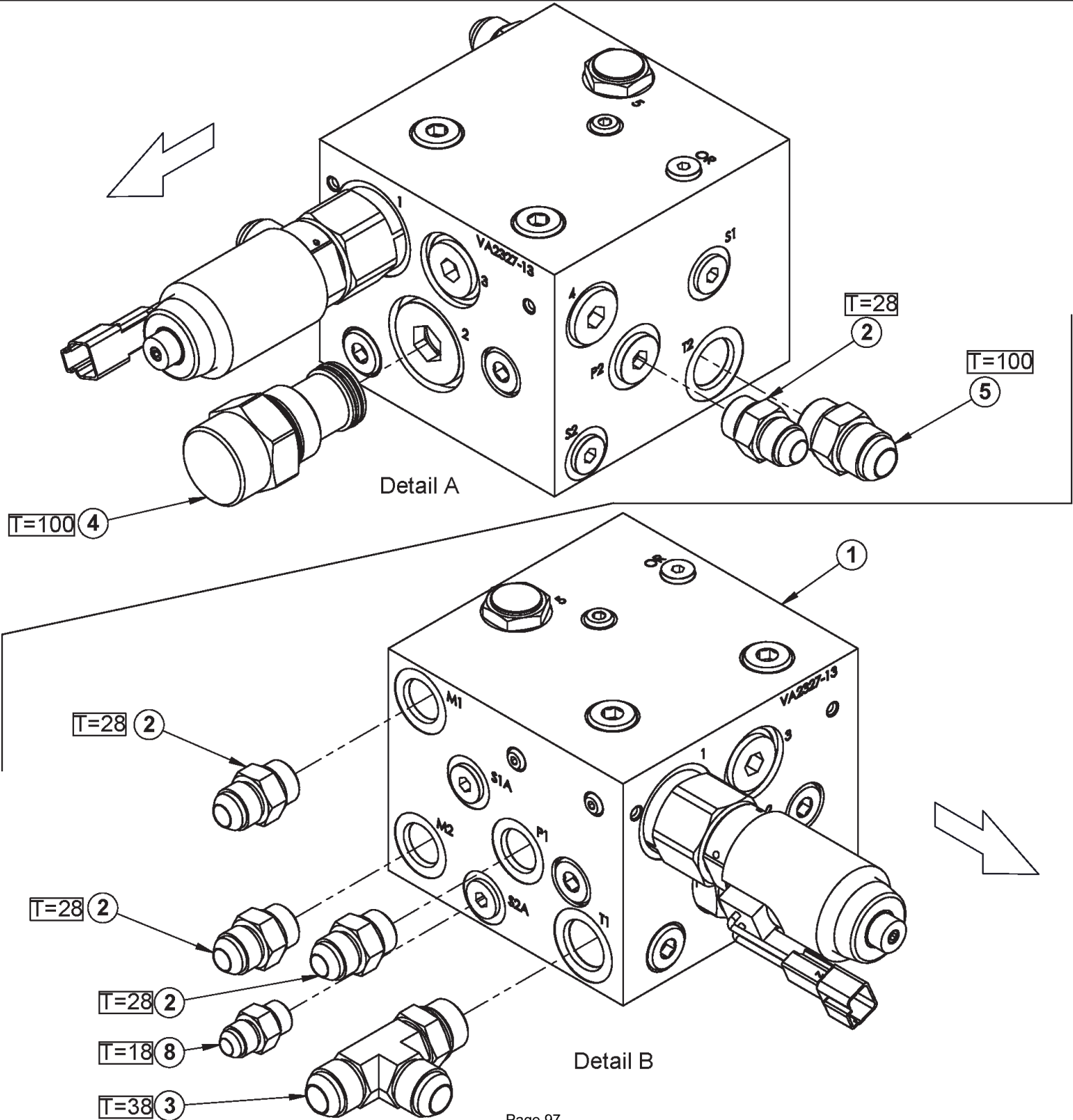


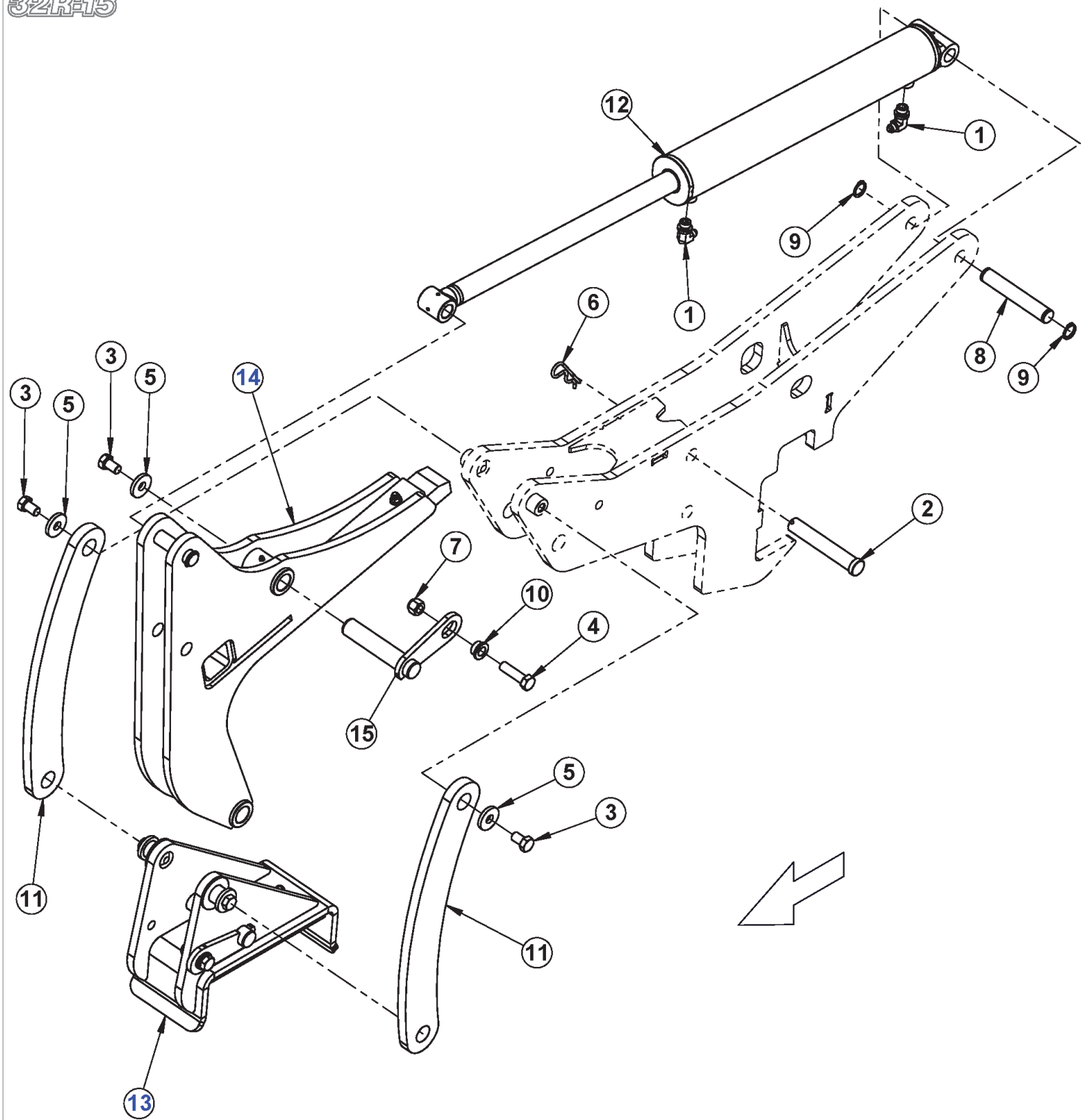
Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.

TA01869 Assy, LH Fan Meter Cntrl Valve

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0054381	Assy, Fan Ctrl Valve	1	
2	AD-08MJ-08MB	ADAPTER 08MJ-08MB	4	28
3	AD-10MJ-10MB-10MJ	ADAPTER 10MJ-10MB-10MJ TEE	1	38
4	T0055197	Cartridge, Flow Control 9.0 GPM	1	100
5	AD-10MJ-10MB	ADAPTER 10MJ-10MB	1	100
6	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	2	
7	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	2	
8	AD-06MJ-06MB	ADAPTER 06MJ-06MB	1	18



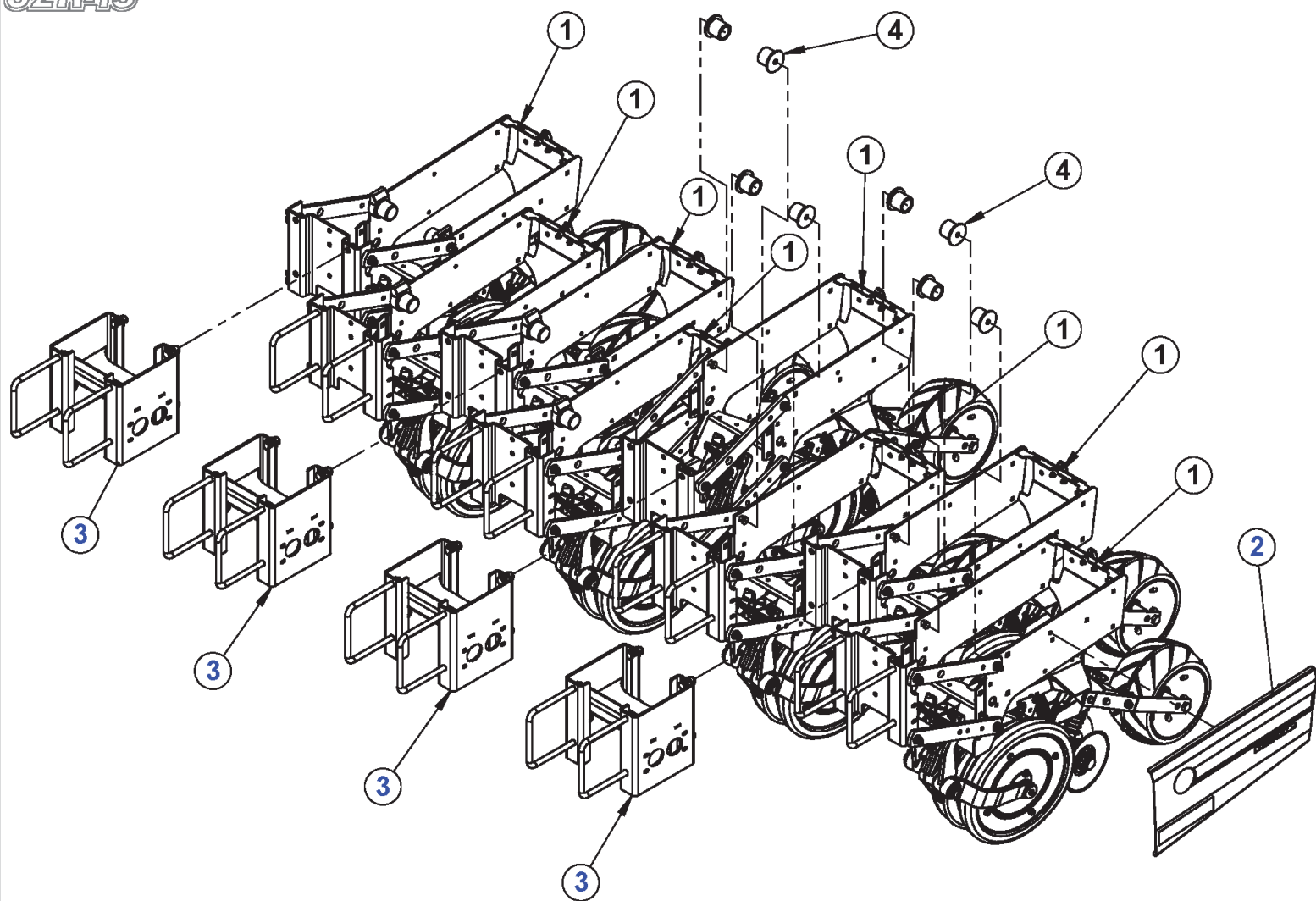


TA01857 Assy, LH Wing Lift

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	AD-06MJ-08MB-90	ADAPTER 06MJ-08MB 90	2	
2	CLPIN-1.000X6.00Y	Clevis Pin, Ø1" X 6" YZ	1	
3	HB-0.625-11X1.00Y8	Bolt, Hex Hd 5/8-11x1 YZ8	3	
4	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
5	HDWSH-0.64X1.75Y	HD Washer 0.64 x 1.75	3	
6	HPINCLIP-1.000Y	Hair Pin Clip-Ø1.0000" YZ	1	
7	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	1	
8	PIN-1.000X5.75Y	Pin-1.0000x5.750-YZ	1	
9	SRING-EXT-HD-1.00Y	SRING-EXT-HD-1.00Y	2	
10	T0050854	Anti Rotation Insert	1	
11	T0053164	Linkage, Wing Lift	2	
12	TA00963	Cylinder, Hyd 3.00X20.00	1	
13	TA00979	Assy, Wing Engagement	1	
14	TA00980	Wing Lift Assy	1	
15	TW000906	Pin Weldment	1	

Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
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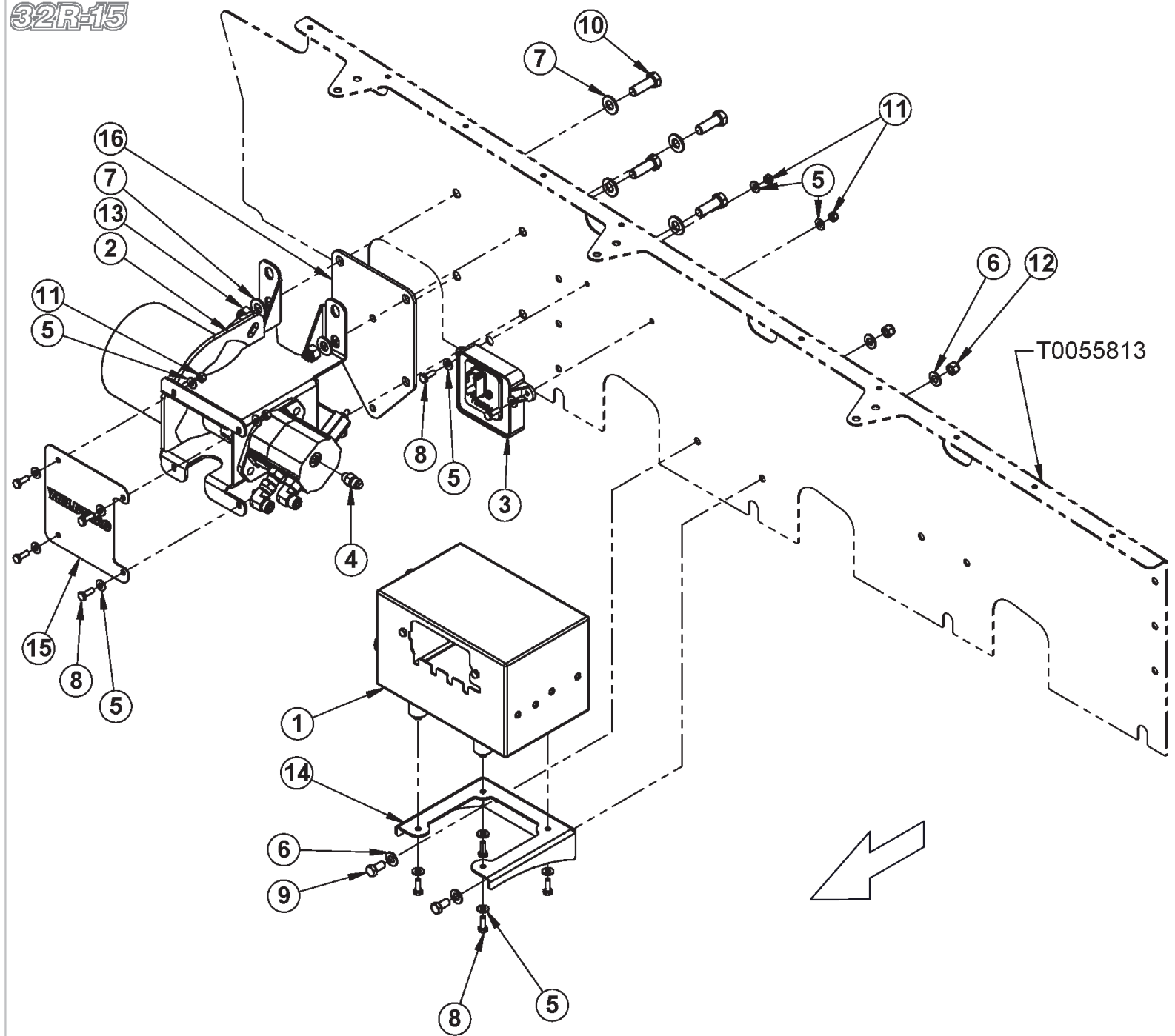


TA01825 Assy, 32R15 LH Wing RUs

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	47892033	LH Row Unit	8	
2	TA00669	Assy, Row Unit End Plate-LH	1	
3	TA01134	Assy, Row Unit Extention	4	
4	TW001077	Wldmt, Meter Pivot Bushing	8	

Note:

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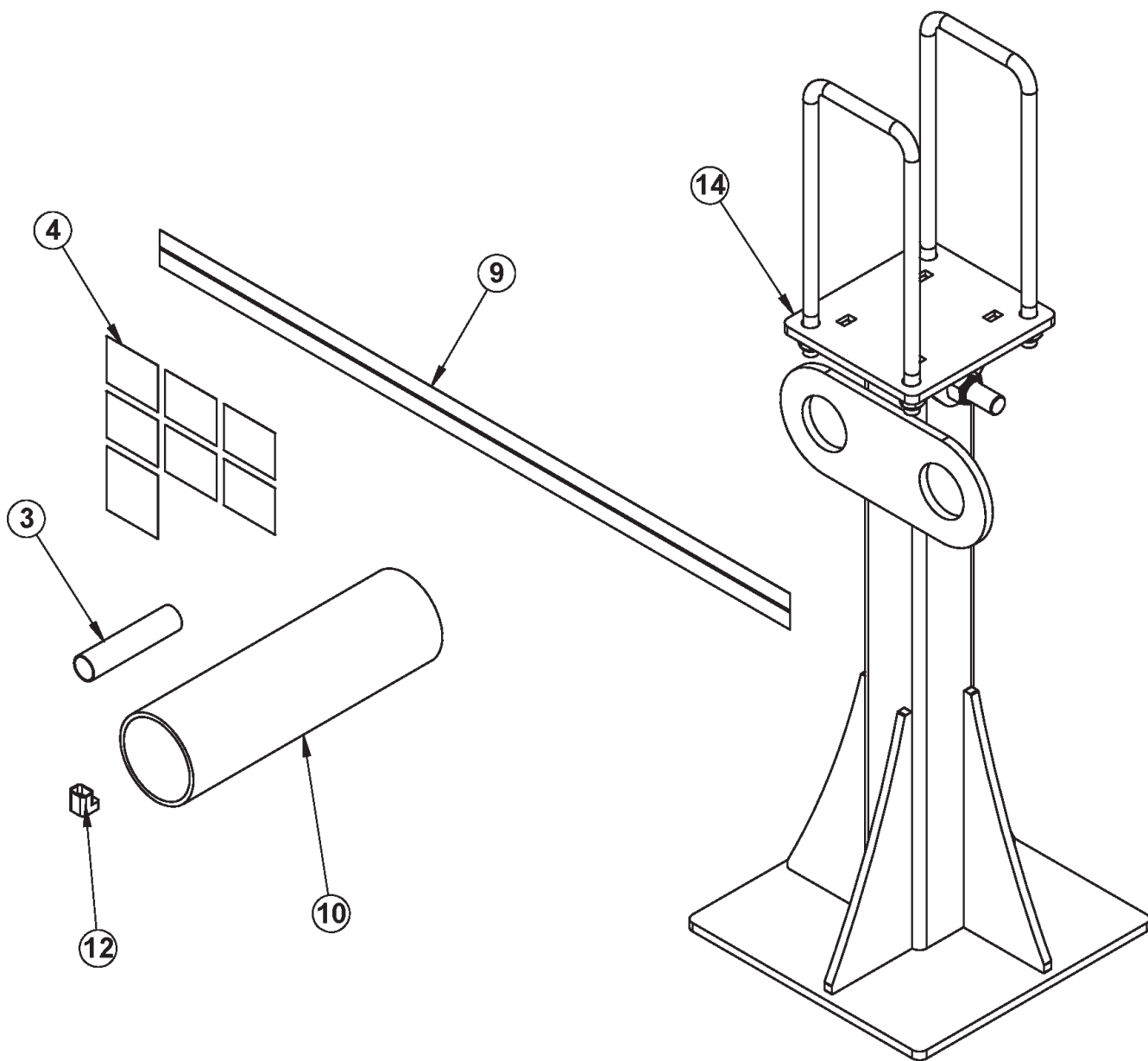


TA01846 Assy, 32R15 LH Wing PP

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	73368310	Module, Power Distribution	1	
2	73368352	Alternator Kit	1	
3	73368517	SRM CAN Repeater	1	
4	AD-06MJ-04MB	ADAPTER 06MJ-04MB	1	
5	FW-SAE-0.250Y	Washer, SAE Flat 1/4-YZ	16	
6	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	4	
7	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	8	
8	HB-0.250-20X0.75Y8	Bolt, Hex Hd 1/4-20x3/4-YZ8	10	
9	HB-0.375-16X0.75Y8	HBolt-0.3750-16x0.750-YZ8	2	
10	HB-0.500-13X1.50Y8	Bolt, Hex Hd 1/2-13x1-1/2 YZ8	4	
11	NLNUT-0.250-20Y8	Nut, Nylock 1/4-20-YZ8	6	
12	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	2	
13	NLNUT-0.500-13Y8	Nut, Nylock 1/2-13 YZ8	4	
14	T0054215	PDM Mount	1	
15	T0054509	Cover Plate, Alternator	1	
16	T0054607	Alternator Adaptor Plate	1	

Note:

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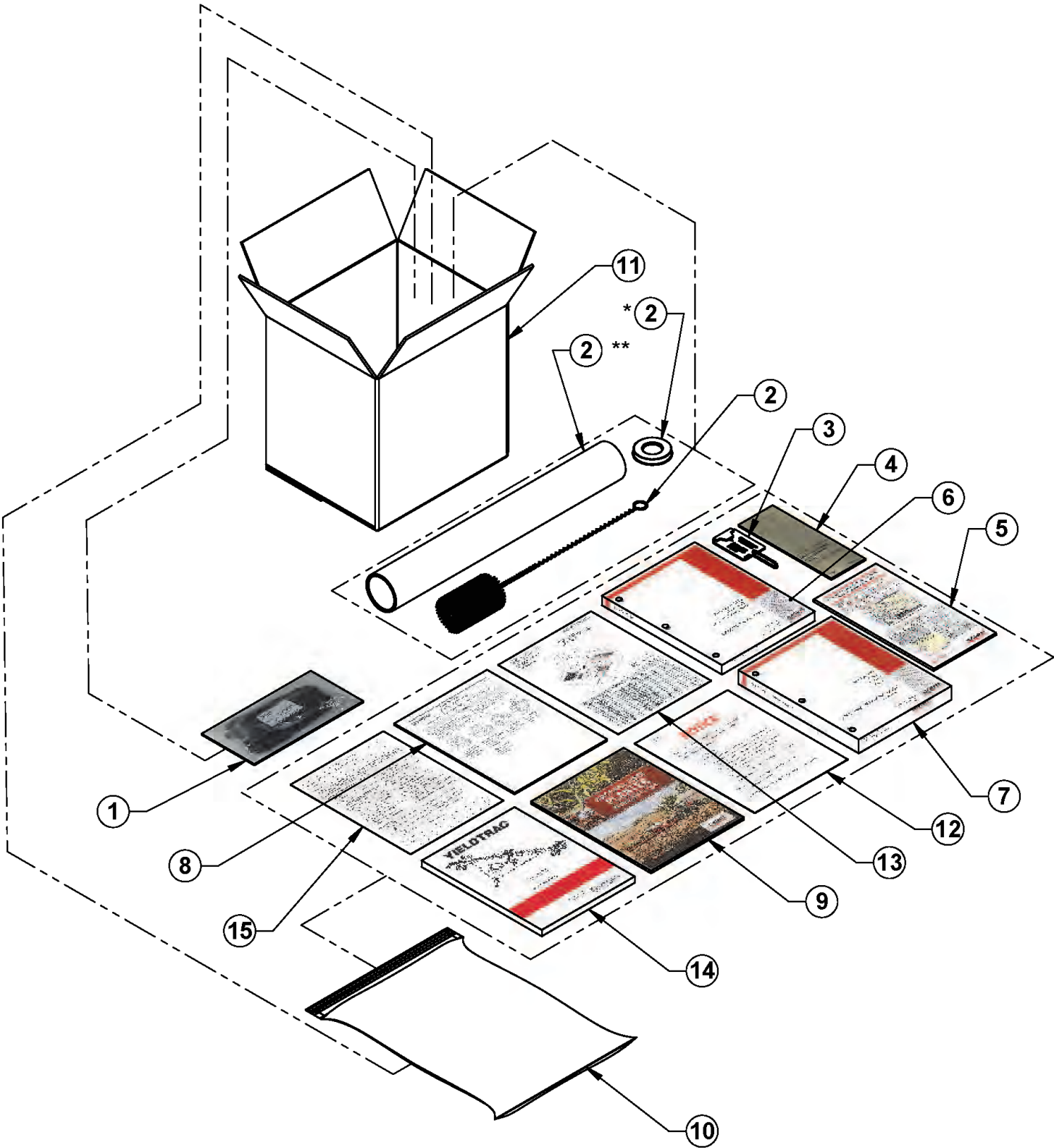


TA01831 Assy, Bulk Material 32R15

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	73341728	Bulk Oil, UltrAction (per gal)	15	
2	T0051552	Sticker-Tite Rubber Gasket Cut Length 36.63"	35	
3	T0051572	Hose Sleeve - 1.25" ID x 6.00"	36	
4	T0051654	Decal Kit, Hose ID	1	
5	T0051672	Hose, 1.00" PVC (per ft)	600	
6	T0052516	Gear Lube 80W90 (per gal)	1	
7	T0052528	Spiral Poly Wrap 1.00 (per ft)	40	
8	T0053185	Harness, 36R22 Main ECU	1	
9	T0053503	Decals, 36 Row Unit Numbers	1	
10	T0054572	Hose, Vacuum 5.5" (per ft)	10	
11	T0054833	Harness, Frame Control CNH	1	
12	T0055034	Plug, Terminator	1	
13	T0055167	Harness, ISO Hitch 624"	1	
14	TA01705	Assy, Shipping Stand	1	
15	TA01829	Hose Kit, TM32R15 Base	1	

Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified).
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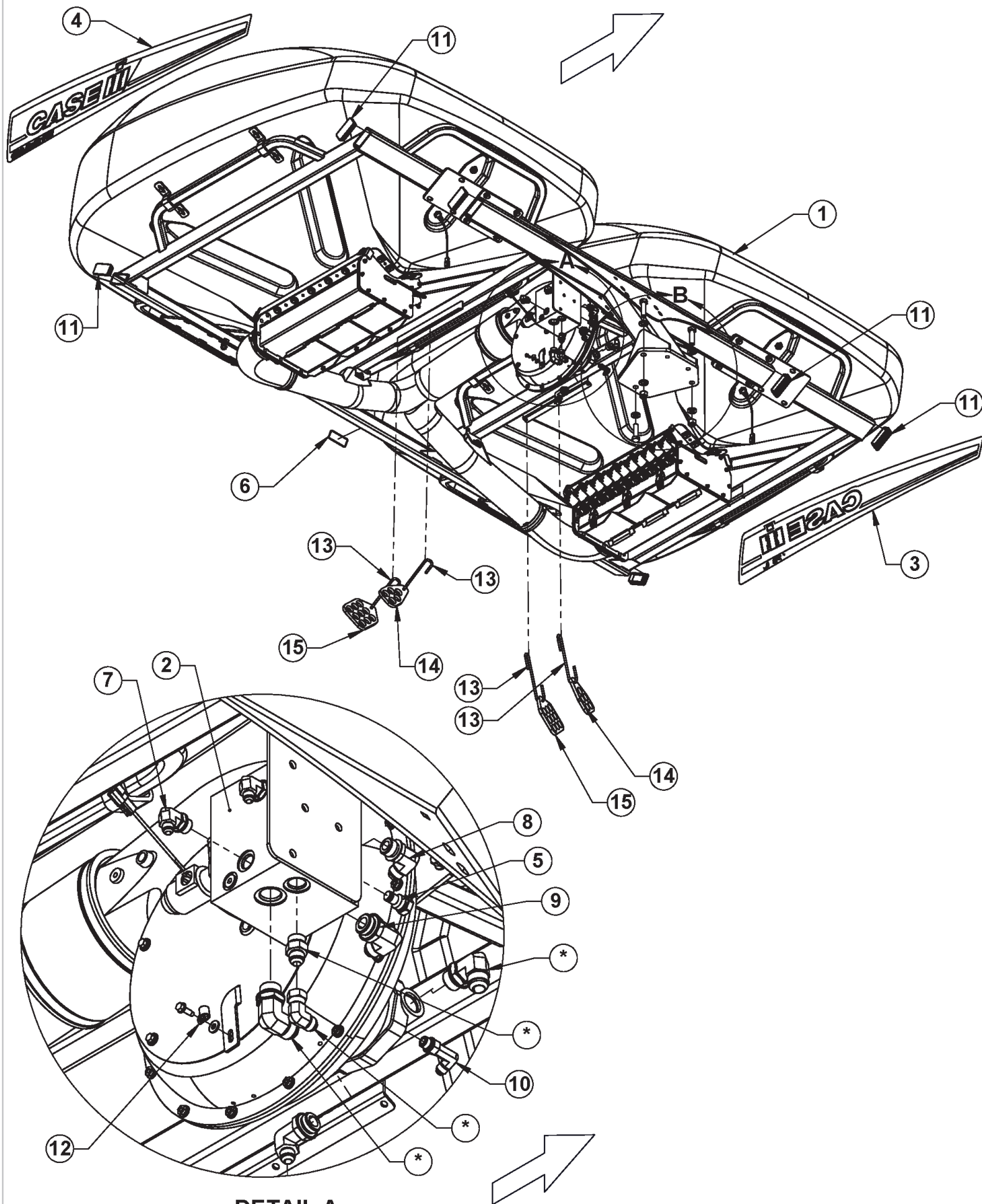


TA01780 Operator's Package 24R20/22

ITEM	PART NUMBER	DESCRIPTION	QTY
1	T0054395	Harness, Product Calibration	1
2	346290A1	Brush, Seed Tube	1
3	1958225C4	Firming Point Gauge	1
4	47403737	AFS Planting Software QRC	1
5	47454041	Early Riser AFS QRC v28	1
6	47747526	1255 Operator's Manual	1
7	47799612	Planter Software Manual v30	1
8	L-1381	HyPro Pump Manual	1
9	PL-3101-15	Early Riser Productivity Tips	1
10	T0051793	Bag, Recloseable-13"x18" 6Mil	1
11	T0051794	Box, Cardboard 12X10X12	1
12	T0052697	Notice, Track Alignment	1
13	T0055726	Chklst, Oper Pkg 24R20/22 2018	1
14	T0055725	Manual, Operator's 2018 FF	1
15	T0055155	Chcklst, PDI&Startup 2017	1

* Denotes that the cap comes with the seed tube brush.

** Denotes that tube comes with the seed tube brush.

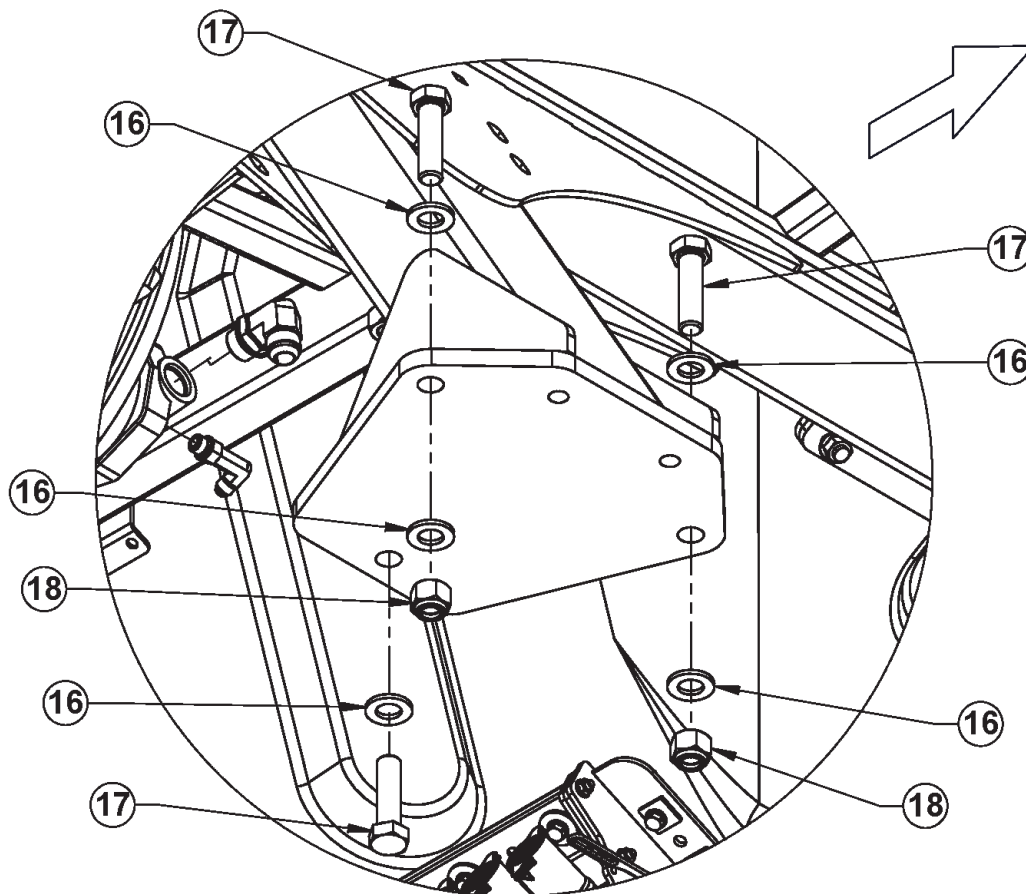


DETAIL A
SCALE 1 : 6

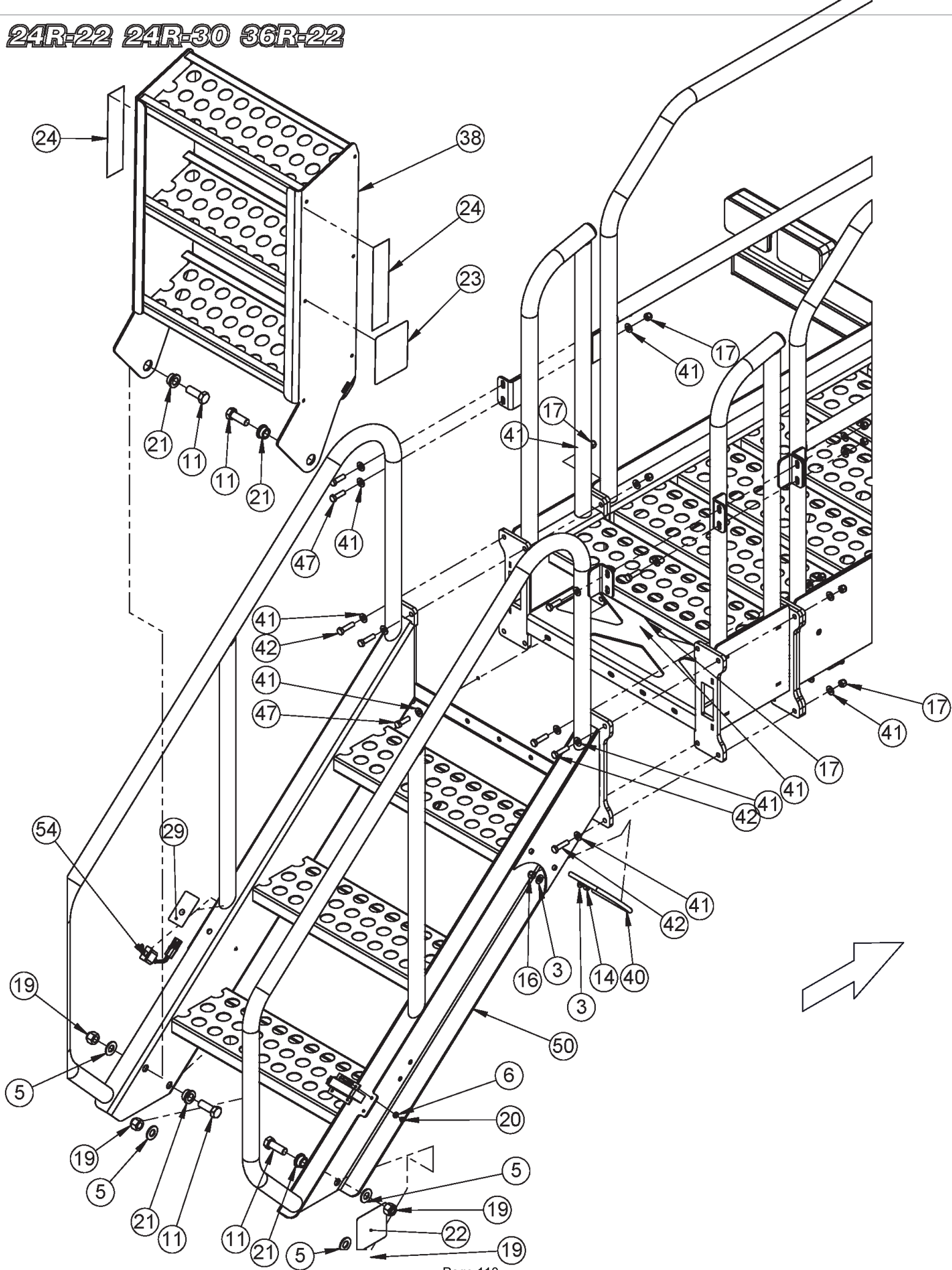
TA00989 Bulk Fill Assy

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	47525131	Kit, Bulk Fill System	1	
2	84538083	VALVE, BULK FILL DD 13GPM	1	
3	T0052294	Decal, Bulk Fill LH	1	
4	T0052295	Decal, Bulk Fill RH	1	
5	T0051740	Cavity Plug, SAE #8 2-Way	1	
6	T0051653	Decal, No Step	1	
7	AD-06MJ-08MB-90	ADAPTER 06MJ-08MB 90	2	
8	AD-08MJ-10MB-90	ADAPTER 08MJ-10MB 90	1	
9	AD-10MJ-12MB-90	ADAPTER 10MJ-12MB 90	1	
10	AD-06MJ-06MB-90LL	ADAPTER 06MJ-06MB 90LL	1	
11	T0052517	Plug, Rect Tube 2x4x6-8Ga	6	
12	T0051717	P-Clamp, .3125 Ø.281 Hole	1	
13	T0052569	J-Hanger, Double	4	
14	T0052573	Seed Hose Hanger, Middle Fr	2	
15	T0052572	Seed Hose Hanger, Middle	2	
16	FW-SAE-0.750Y	Washer, Flat-SAE 3/4 YZ	6	
17	HB-0.750-10X2.75Y8	Bolt, Hex Hd 3/4-10x2-3/4-YZ8	3	
18	NLNUT-0.750-10Y8	Nut, Nylock 3/4-10-YZ8	3	

Note:
 *Items marked with an asterisk are items that are included in that particular part or assembly.

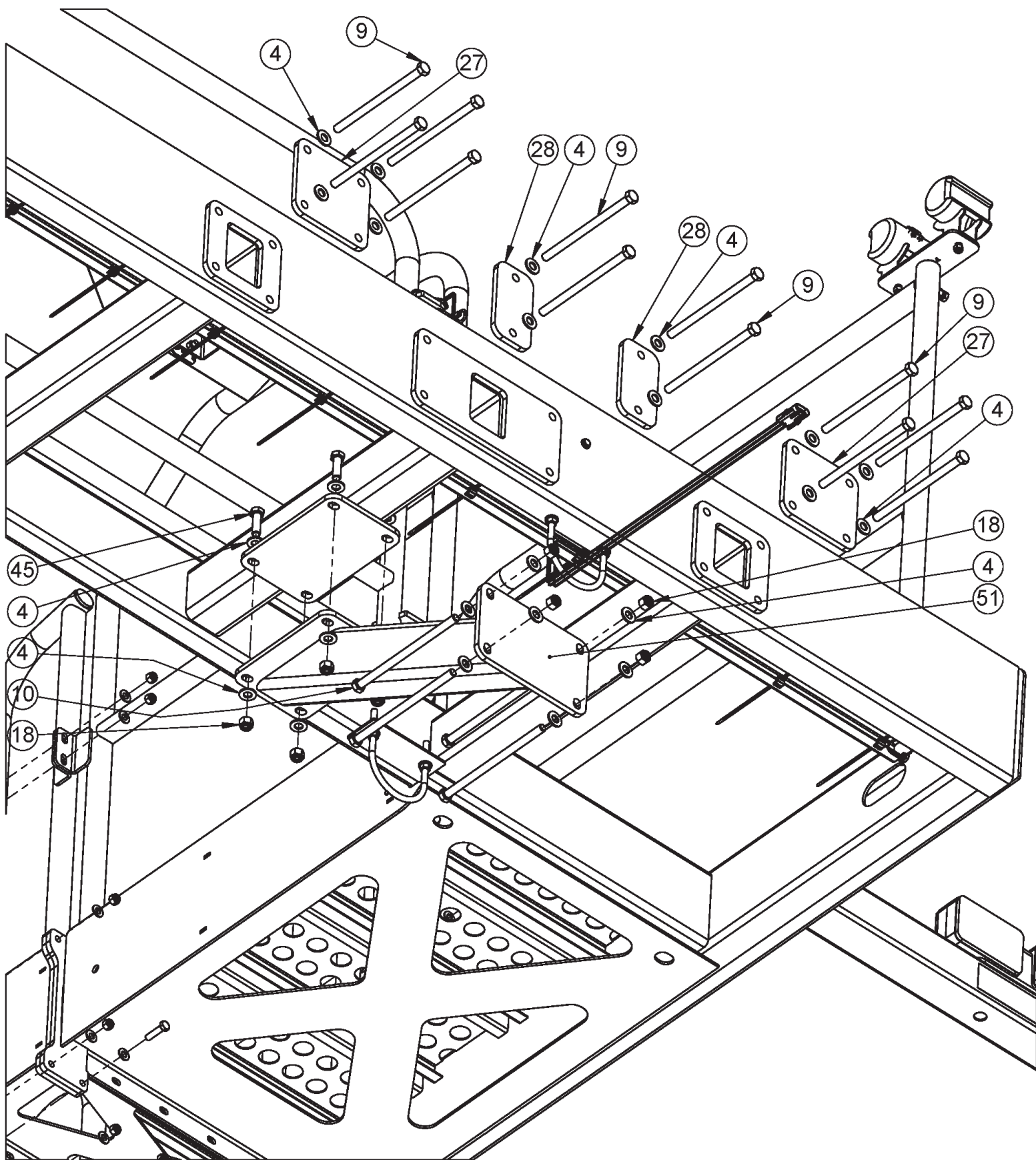


DETAIL B
SCALE 1 : 6

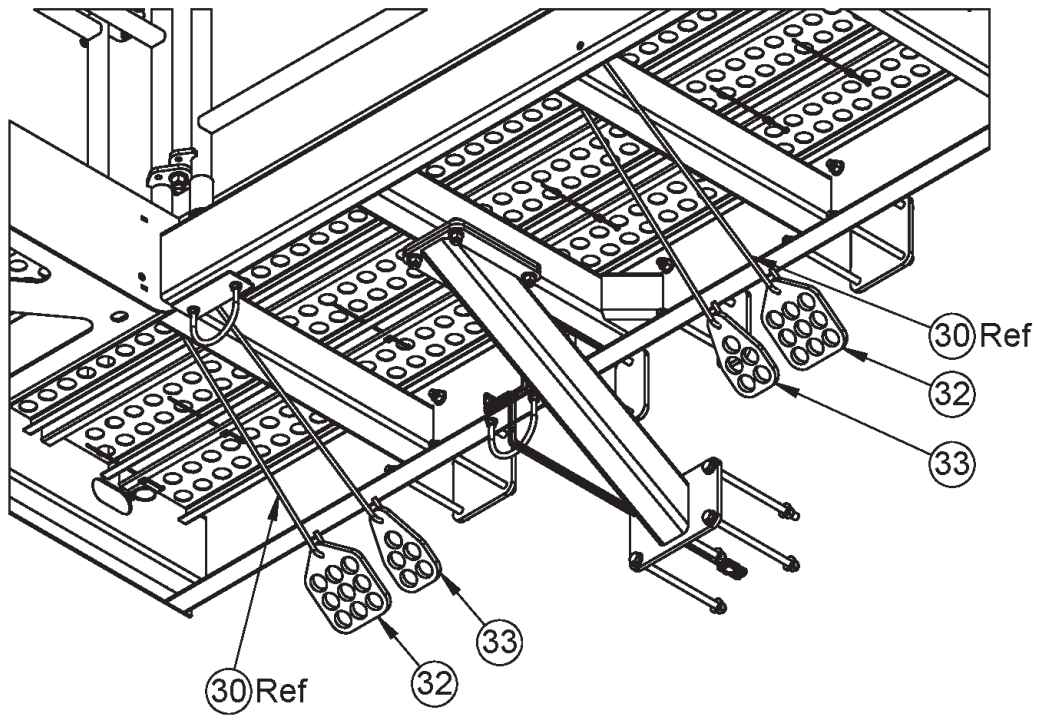


TA01133 Assy, Ladder Platform

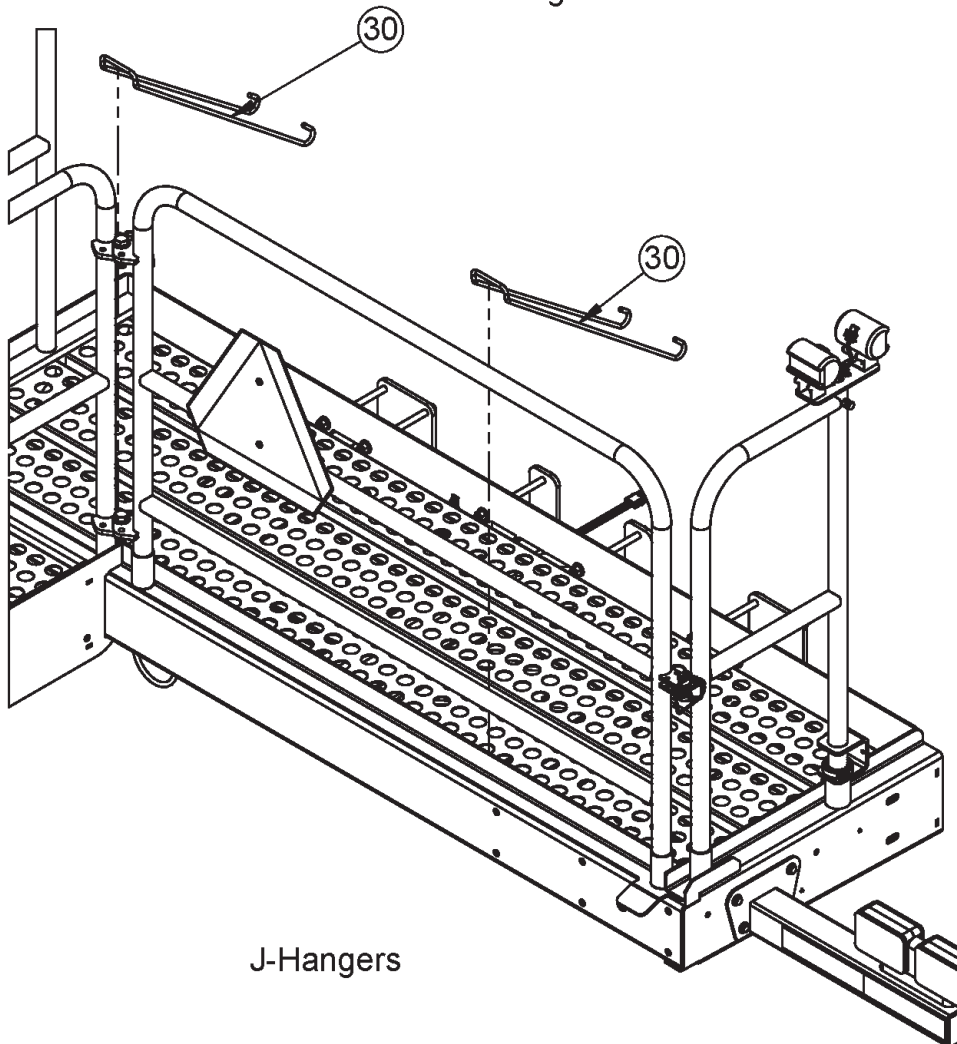
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	CBLTIEMT-.256-.276-HL	Assy,CableTie Mnt .031-.276 PT	4	
2	FW-SAE-0.250Y	Washer, SAE Flat 1/4-YZ	5	
3	FW-SAE-0.375SS	Washer, Flat SAE 3/8" SS	12	
4	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	40	
5	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	8	
6	FW-SAE-#10C	Washer, Flat SAE #10 CZ	4	
7	HB-0.250-20X0.75Y8	Bolt, Hex Hd 1/4-20x3/4-YZ8	1	
8	HB-0.250-20X1.00Y8	Bolt, Hex Hd 1/4-20x1-YZ8	2	
9	HB-0.500-13X8.00Y8	Bolt, Hex Hd 1/2-13x8 YZ8	12	
10	HB-0.500-13X9.00Y8	Bolt, Hex Hd 1/2-13x9 YZ8	4	
11	HB-0.625-11X1.75Y8	Bolt, Hex Head-5/8-11x1.75-YZ8	4	
12	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	2	
13	HB-10-24X0.75C2	Bolt,HexHd 10-24x3/4 CI Zc Gr2	4	
14	HNUT-0.375-16SS	Nut, Hex 3/8-16 SS	6	
15	NLNUT-0.250-20Y8	Nut, Nylock 1/4-20-YZ8	3	
16	NLNUT-0.375-16SS	Nut, Nylock -3/8"-16-SS	6	
17	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	17	
18	NLNUT-0.500-13Y8	Nut, Nylock 1/2-13 YZ8	20	
19	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	6	
20	NLNUT-10-24C	Nut, Nylock 10-24 CZ2	4	
21	T0050854	Anti Rotation Insert	6	
22	T0051589	Decal, Warning-Chemical Hazard	1	
23	T0051596	Decal, Warning - Ladder Lowering	1	
24	T0051729	Decal, Reflector,Yellow-2x9	2	
25	T0052167	Cap, Tube Ø1.50 Vinyl	3	
26	T0052227	Latch,Flush Fngr Pull Slm 25#	1	
27	T0052241	Plate, Ladder Attachment	2	
28	T0052242	Plate, Ladder Attach	2	
29	T0052291	Decal, Ladder Platform Lights	1	
30	T0052570	J Hanger, Double Straight	2	
31	T0052571	Seed Hose Hanger, Stub Arm	2	
32	T0052572	Seed Hose Hanger, Middle	2	
33	T0052573	Seed Hose Hanger, Middle Fr	2	
34	TA00678	Assy, SMV Sign	1	
35	TA00791	Assy, Lynch Pin & Lanyard	2	
36	TA00811	Assy, Tail Light-LH	1	
37	TW000753	Wldmnt, Railing Rear Hinged	1	
38	TW000762	Wldmt, Folding Step Ladder	1	
39	TW000877	Wldmnt, Railing Side-RH Rotating	1	
40	UB-0.38X4.0X5.5-RC5	Ubolt, 3/8x4x5-1/2 RC5	3	
41	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	34	
42	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	8	
43	HB-0.375-16X0.75Y8	HBolt-0.3750-16x0.750-YZ8	2	
44	RN-0.375-16-.15-.31Y	Rivnut, 3/8-16 .150-.312 YZ	4	
45	HB-0.500-13X1.63Y8	Bolt, Hex Hd 1/2-13x1-5/8 YZ8	4	
46	EDGCLP-CBLTIE-.04-.18	Edge Clip, W/CblTie PT.04-.18	10	
47	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	9	
48	SFTCOLLAR-1.500BO	Collar, Shaft 1-1/2 Blck Oxide	1	
49	TW000913	Wldmt. Ladder Platform	1	
50	TW000917	Wldmt. Platform Stairs	1	
51	TW000931	Wldmt, Platform Strut	1	
52	TA00996	Harness, Bulk Fill Lights	1	
53	TA00812	Assy, Tail Light-RH	1	
54	391062A1	Switch, On/Off	1	
55	TA01247	Assy, Light Arm Extension	2	
56	TW001085	Wldmt. Ladder Platform Ext	1	



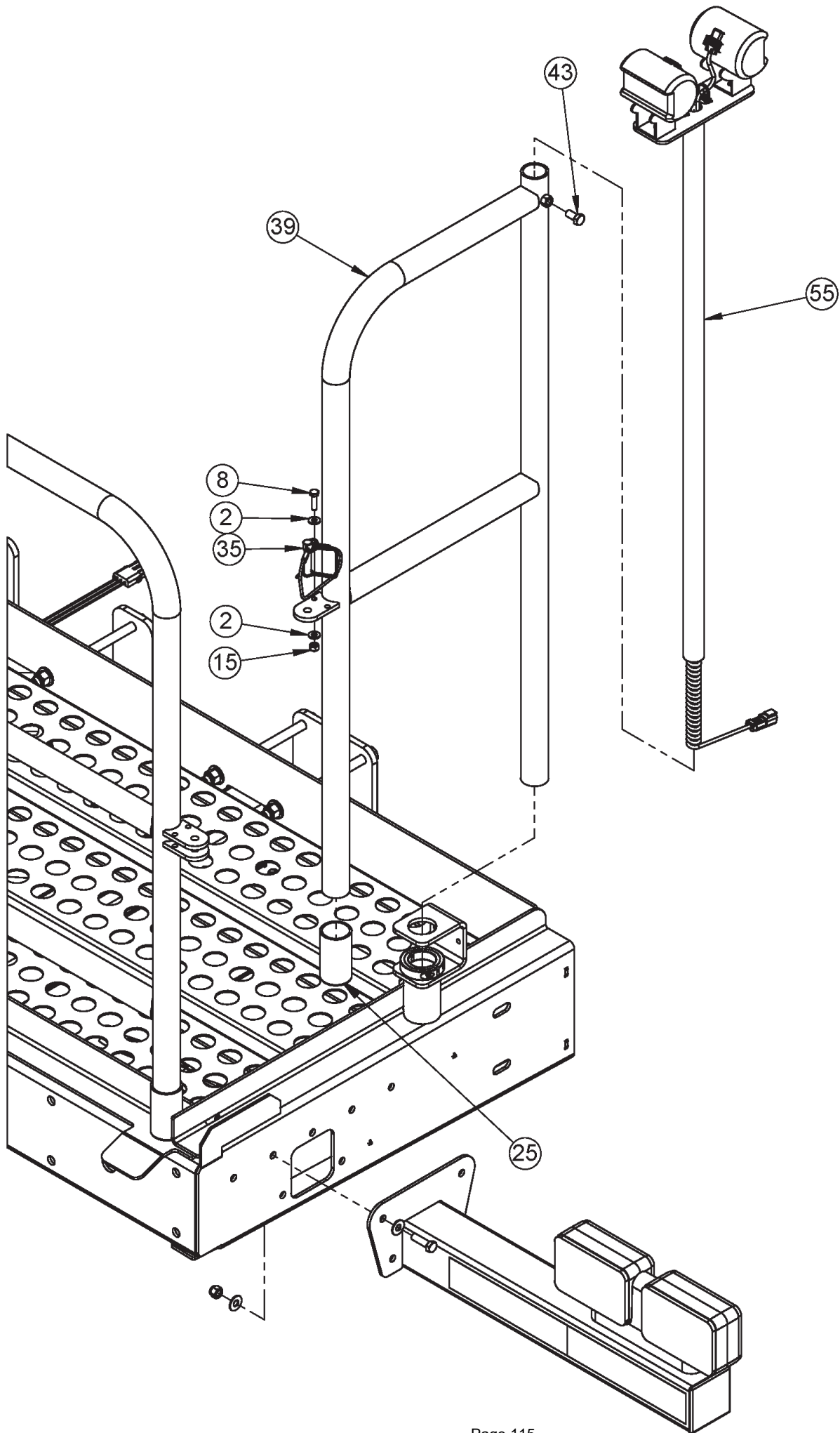
Platform Mounting

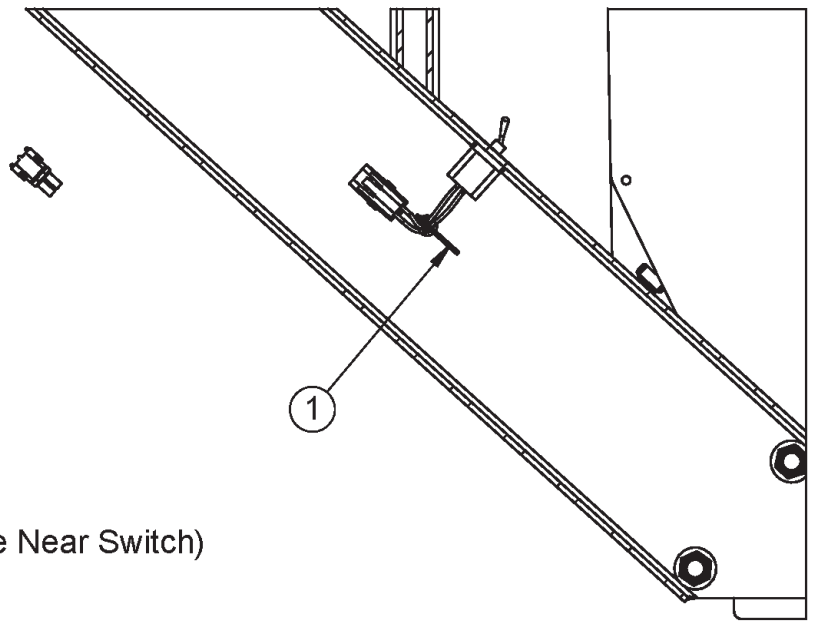


J-Hangers

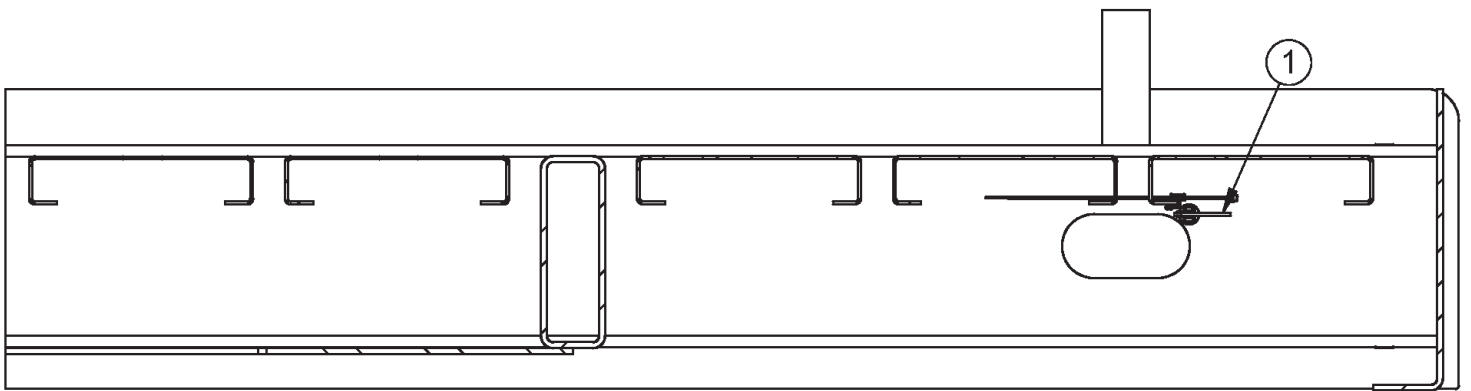




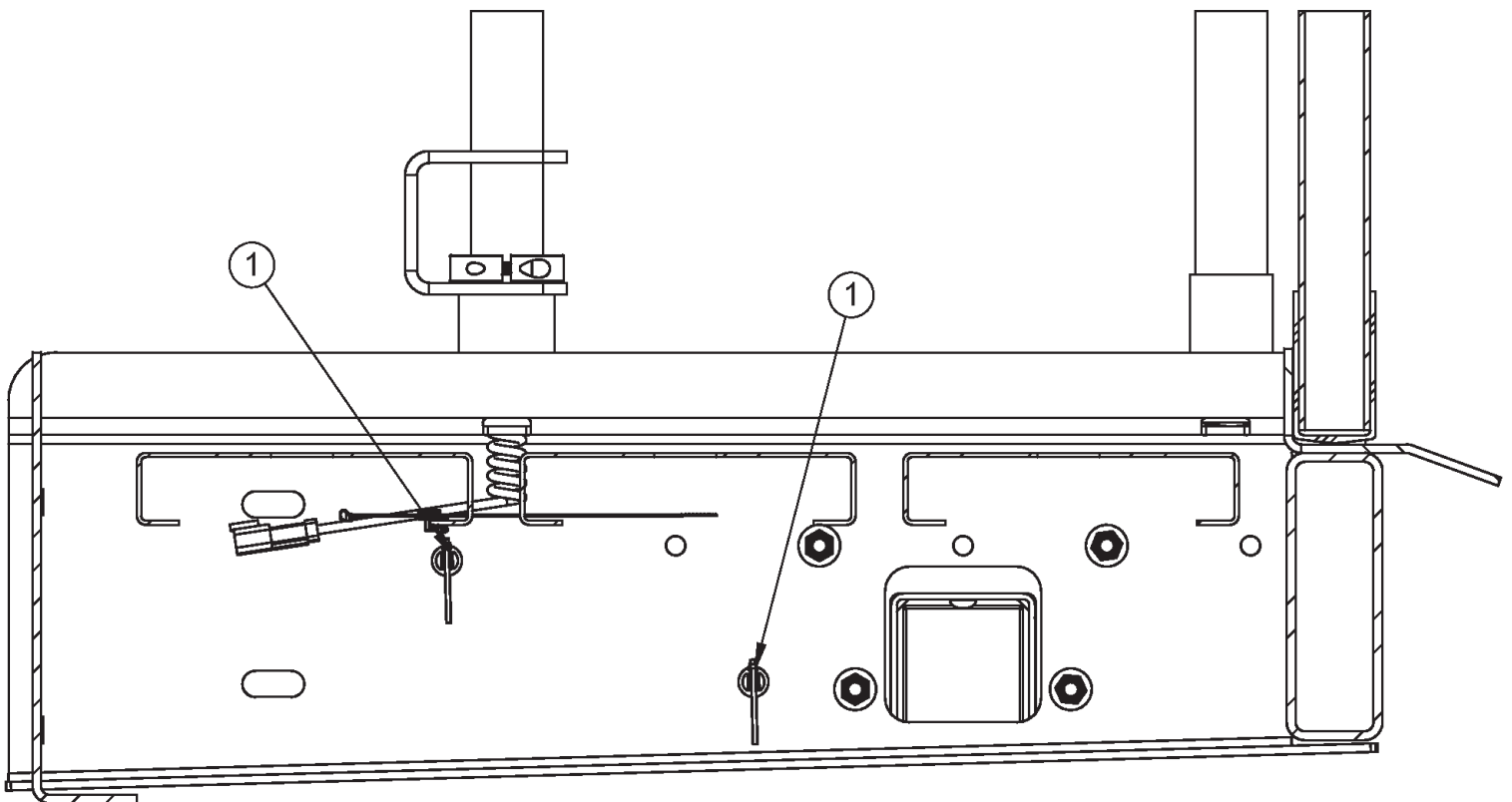




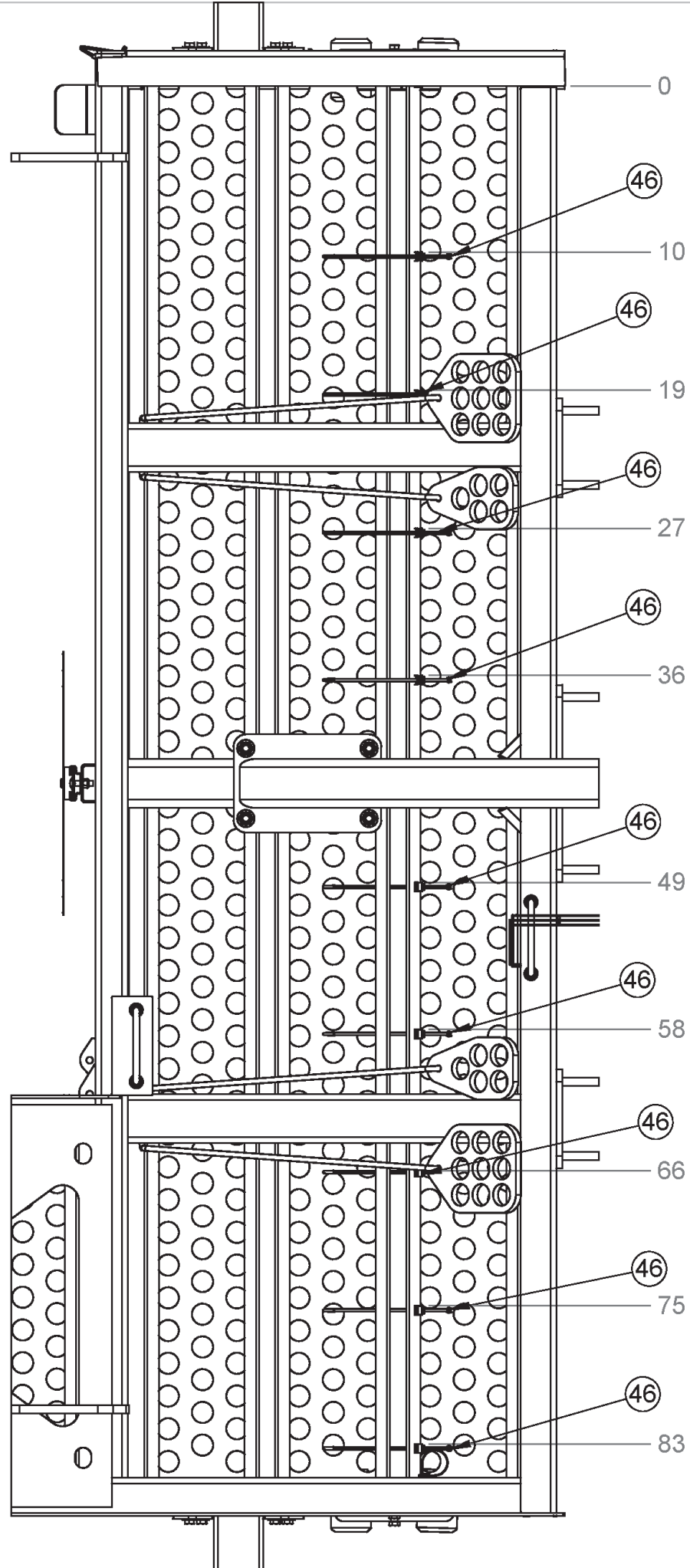
Cable Tie Mount Location (Left Side Near Switch)

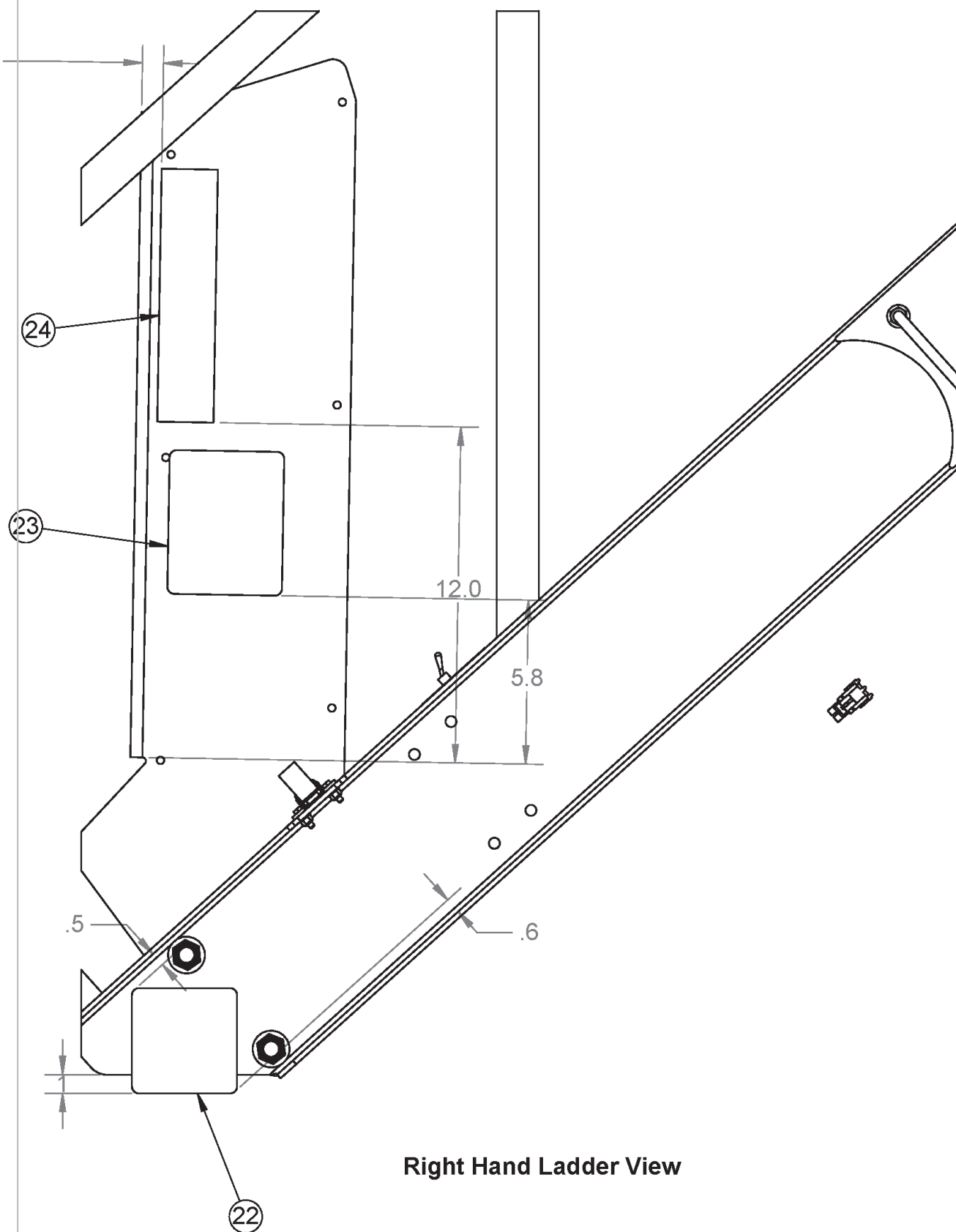


Cable Tie Mount Location (Left Side Looking Outwards)

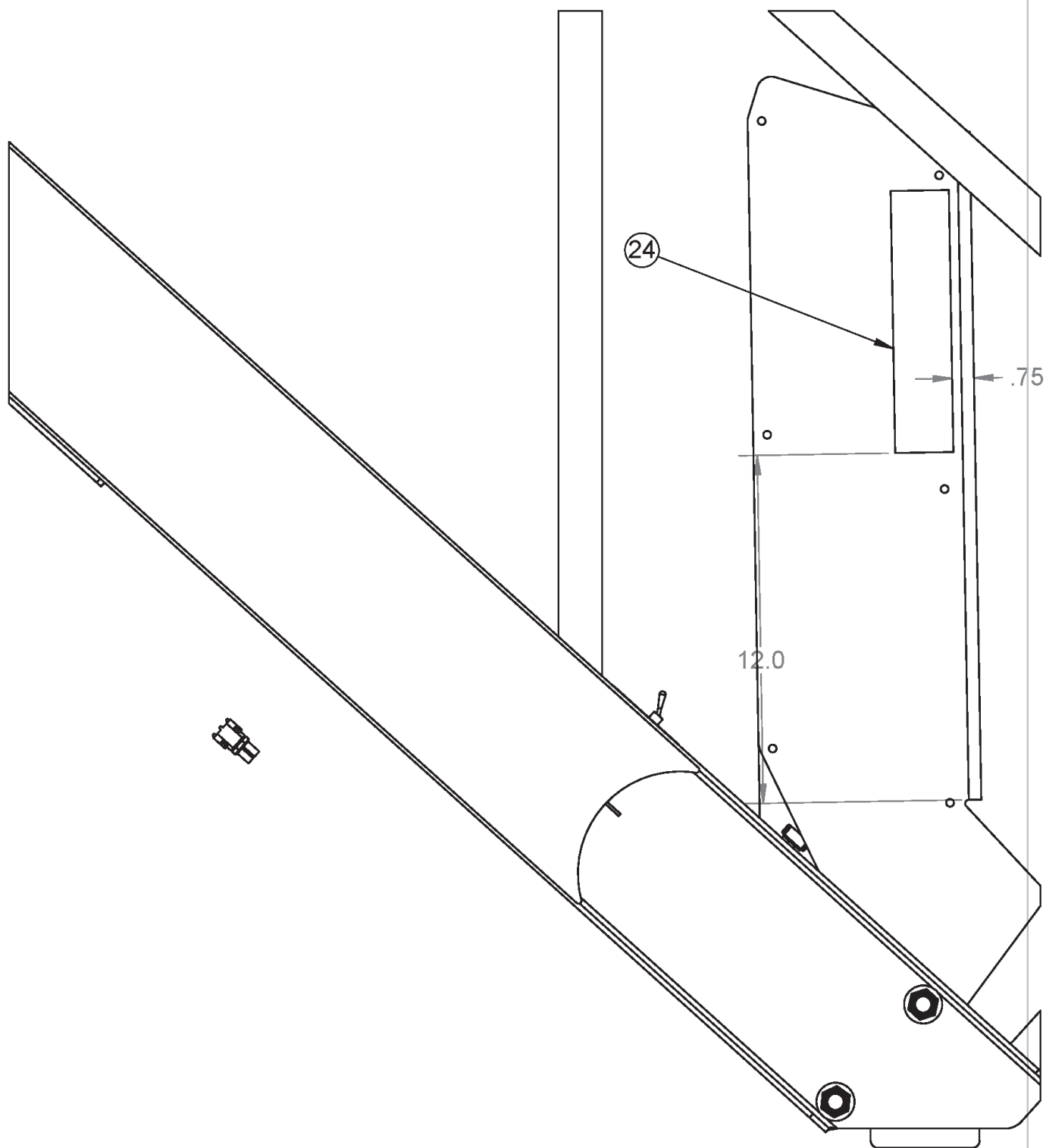


Cable Tie Mount Locations (Right Side, Looking Outward)

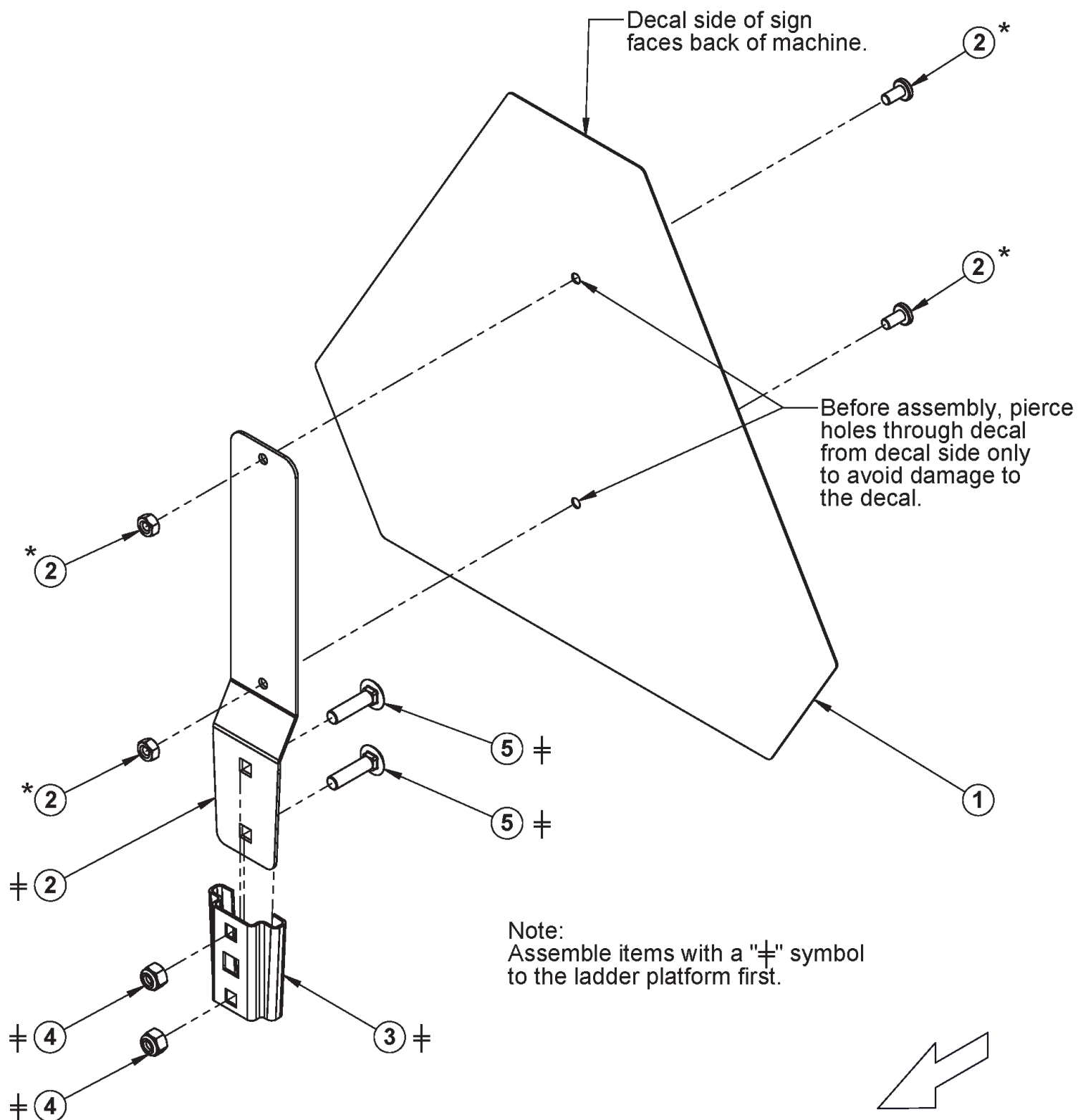




Right Hand Ladder View



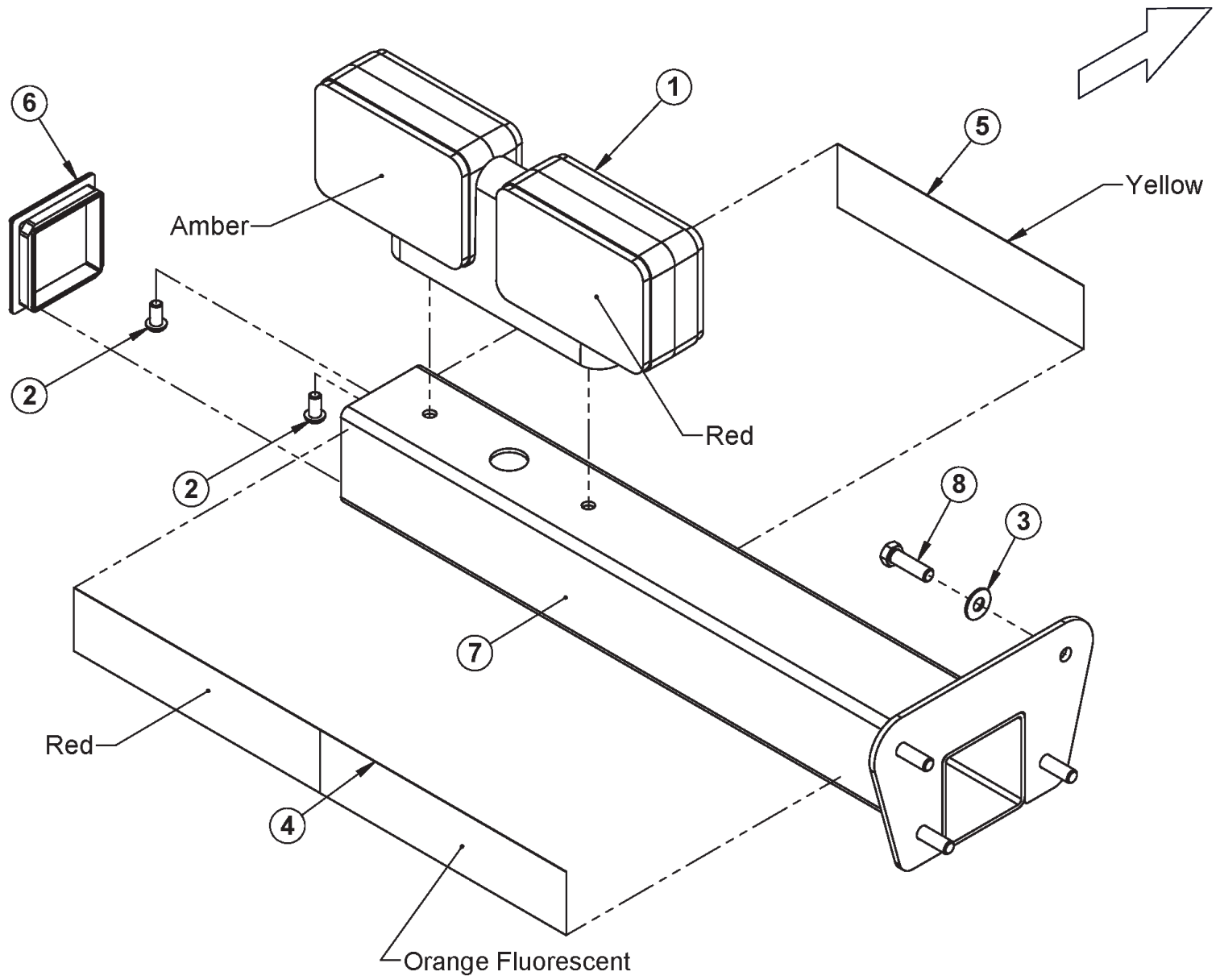
Left Hand Ladder View



TA00678 Assy, SMV Sign

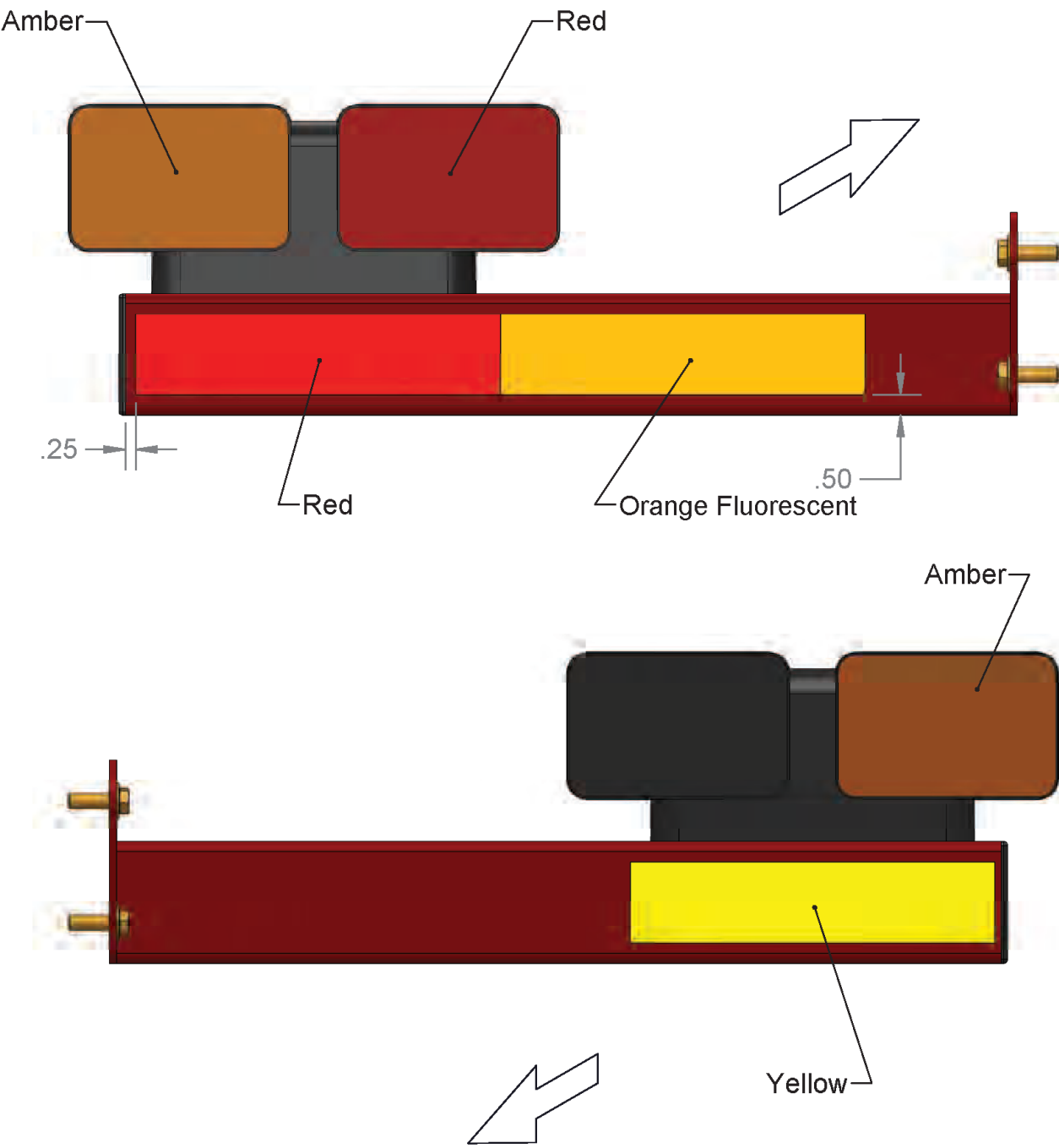
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA00670	Assy, SMV Plate w Decal	1	
2	TA00671	Assy, SMV Spade Mount	1	
3	T0051519	Receptacle, Female Spade SMV Sign	1	
4	NLNUT-0.313-18Y8	Nut, Nylock 5/16"-18-YZ8	2	
5	CB-0.313-18X1.25C5	RHSNBOLT 5/16-18x1.25-CZ5	2	

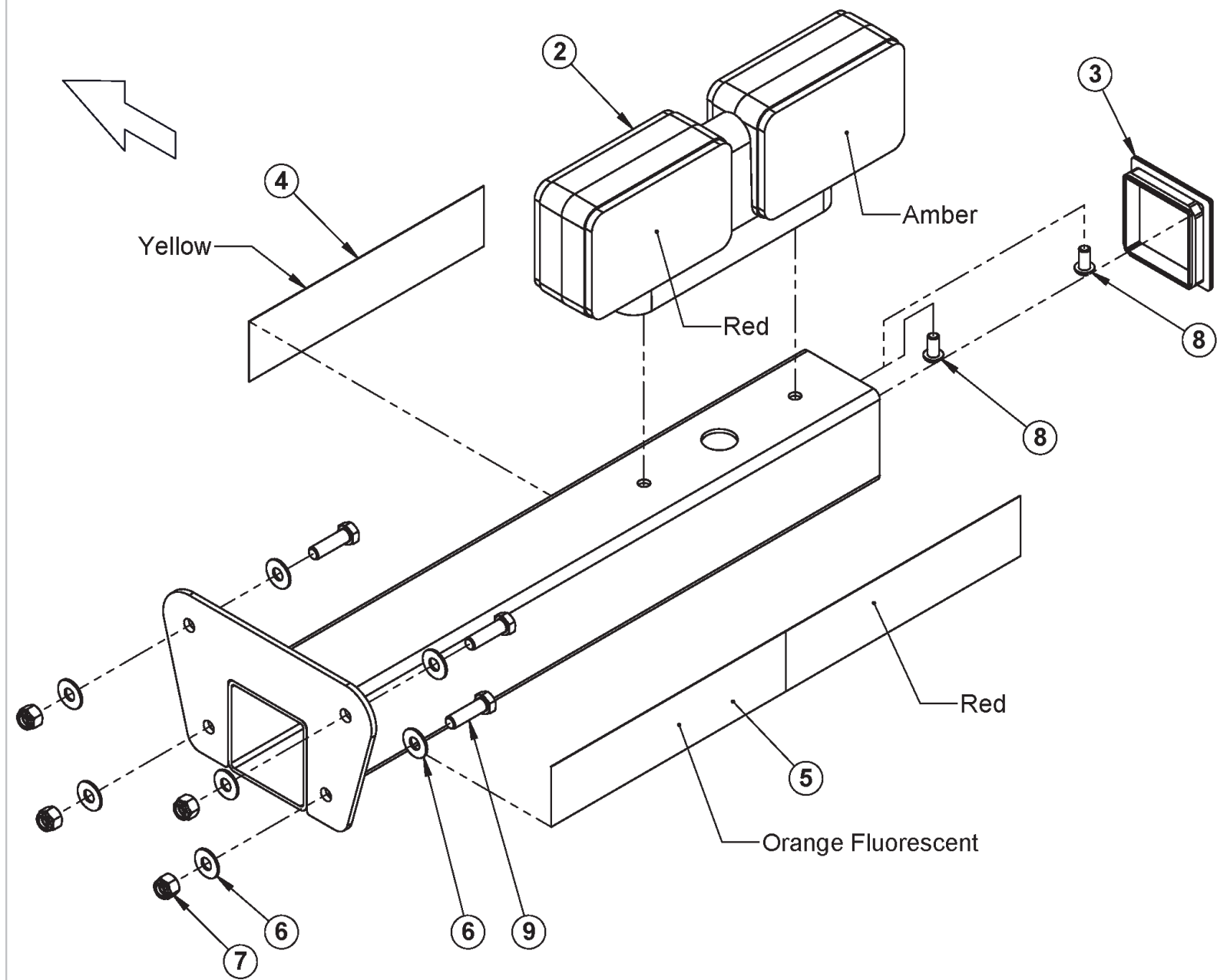
* Items marked with an asterisk, are items that are supplied with P/N TA00671.



TA00811 Assy, Tail Light-LH

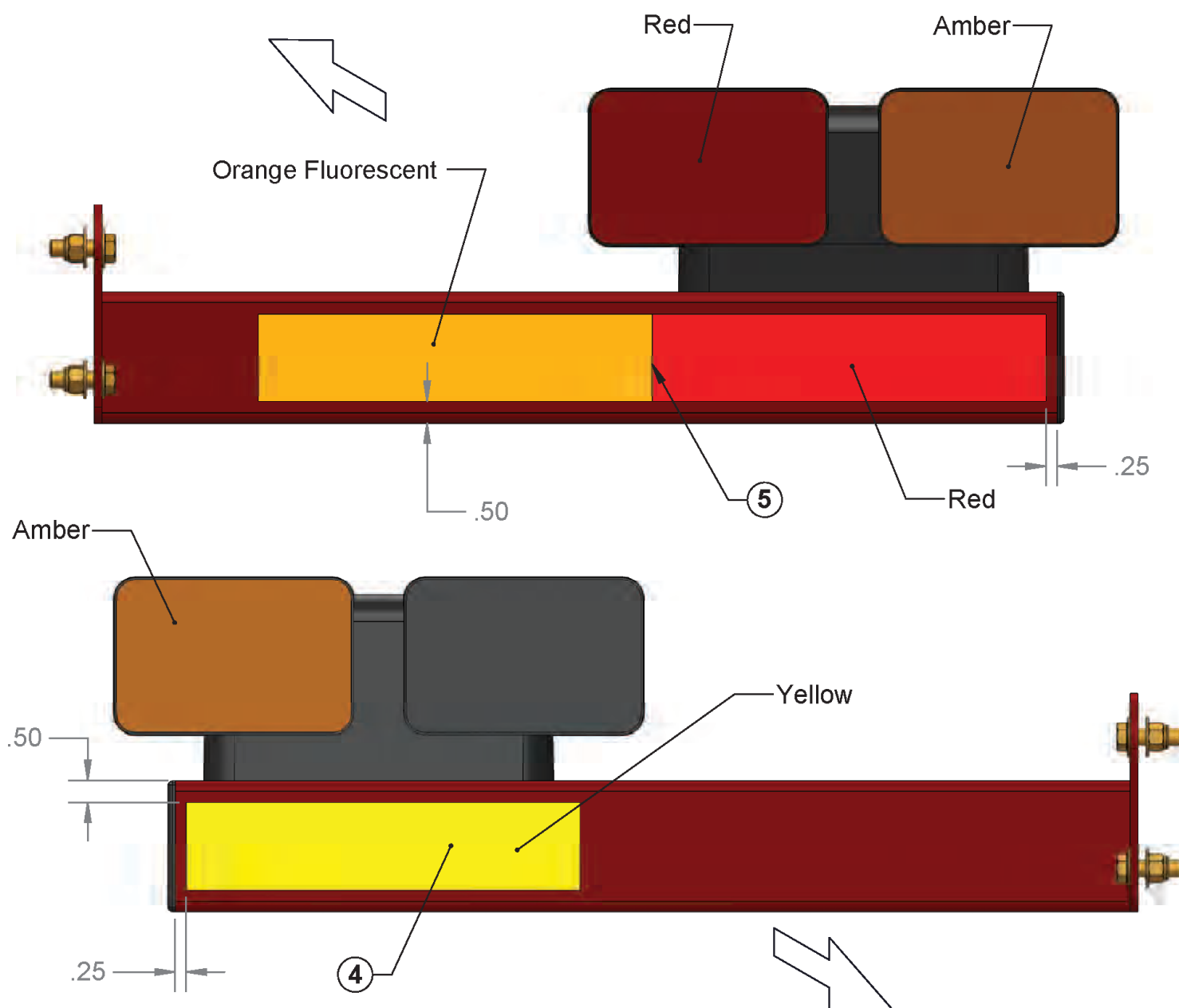
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	86404264	Light Rear LH	1	
2	BHSCS-M8-1.25-16Y10.9	BtnSktCpScr M8-1.25x16 YZ10.9	2	
3	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	4	
4	T0051727	Decal, Refl Red,Orange-2x18	1	
5	T0051729	Decal, Reflector, Yellow-2x9	1	
6	T0052333	Plug, Square Tube - Finish	1	
7	TW000776	Wdmt, Tail Light Brkt	1	
8	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	4	

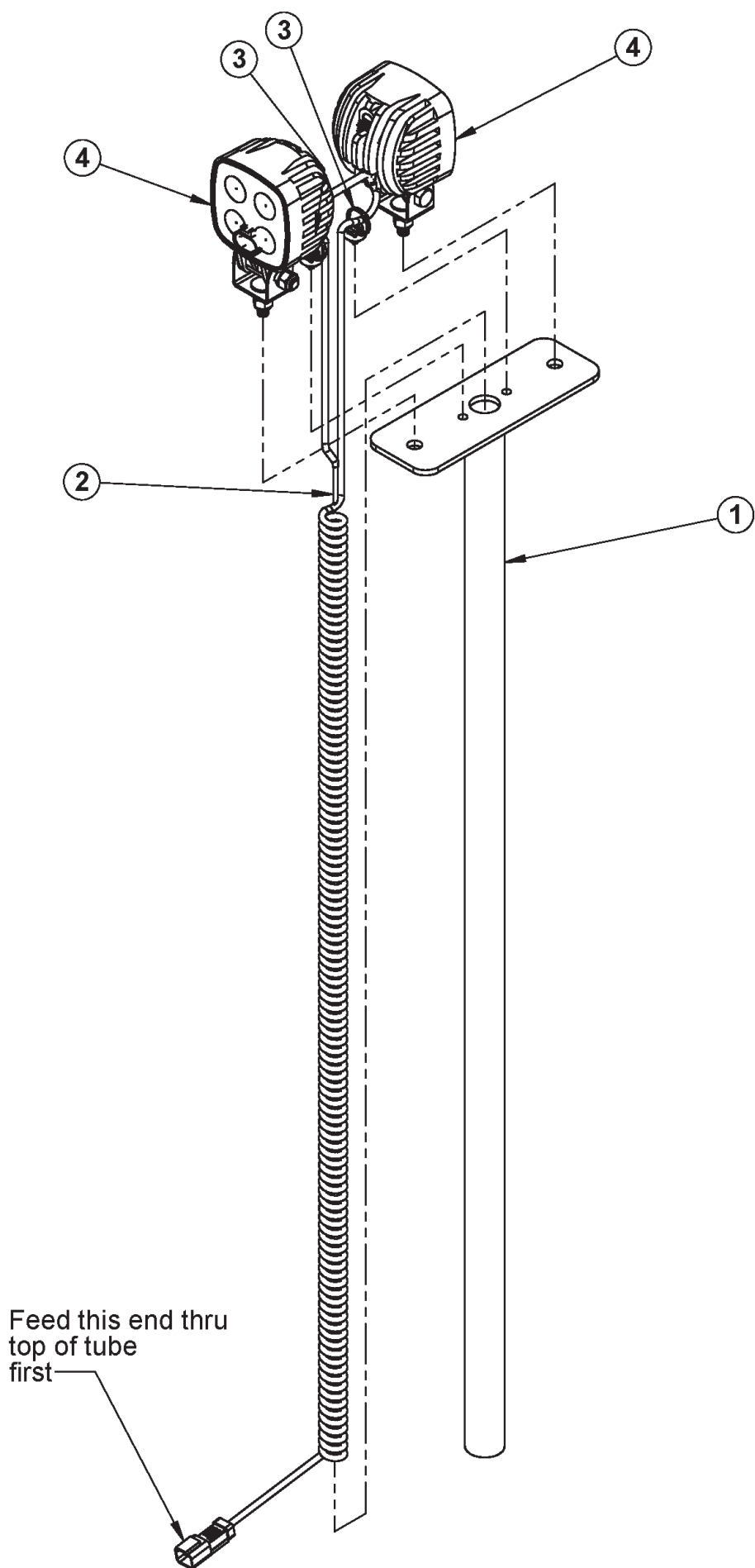




TA00812 Assy, Tail Light-RH

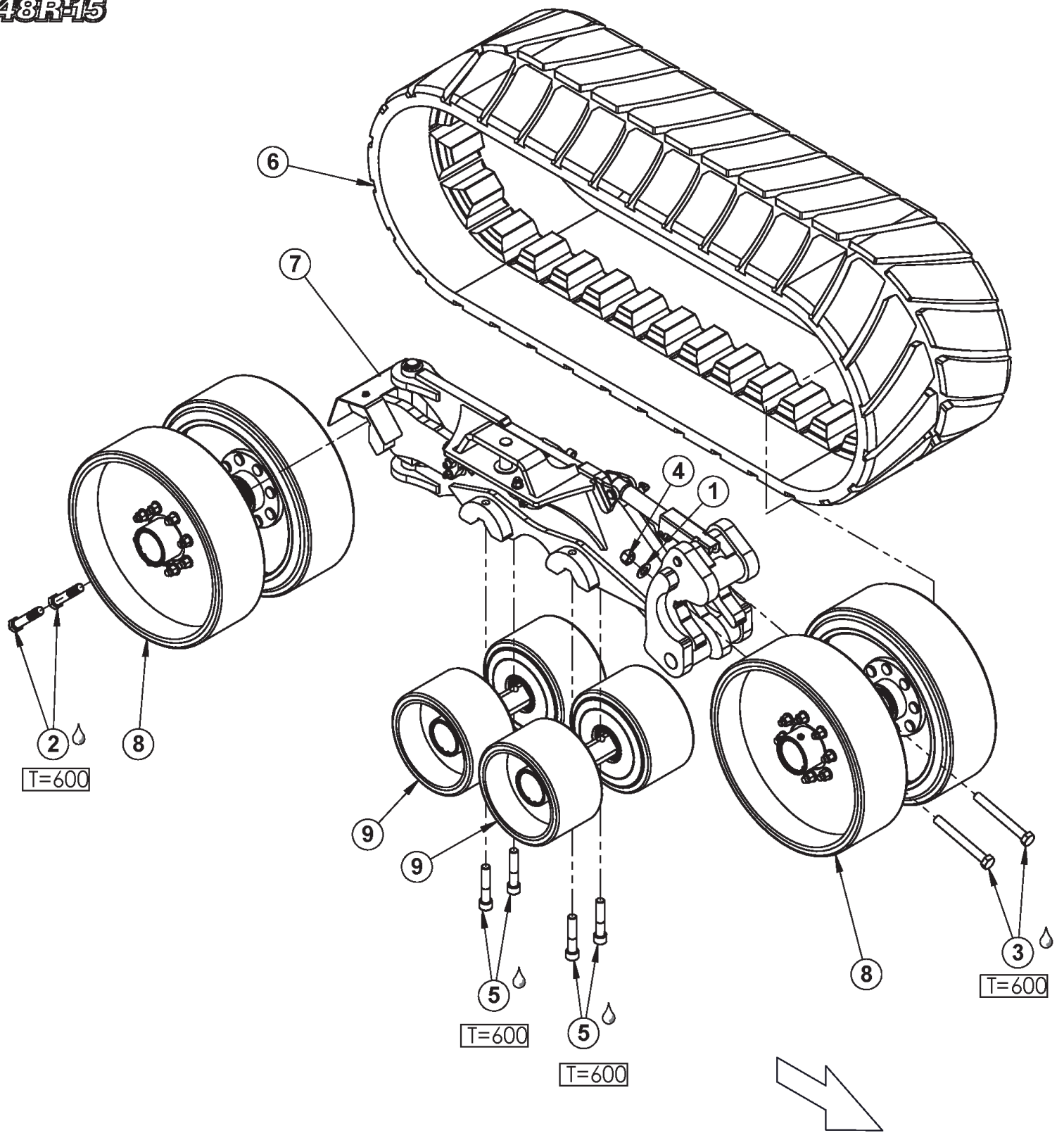
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW000776	Wldmt, Tail Light Brkt	1	
2	86404265	Light Rear RH	1	
3	T0052333	Plug, Square Tube - Finish	1	
4	T0051729	Decal, Reflector, Yellow-2x9	1	
5	T0051727	Decal, Refl Red, Orange-2x18	1	
6	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	8	
7	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	4	
8	BHSCS-M8-1.25-16Y10.9	BtnSktCpScr M8-1.25x16 YZ10.9	2	
9	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	4	





TA01247 Assy, Light Arm Extension

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW000875	Wldmt, Light Pole Bracket	1	
2	TA00995	Harness, Bulk Fill Light Ext	1	
3	CBLTIEMT-.256-.276-HL	Assy,CableTie Mnt .031-.276 PT	2	
4	TA01737	Assy, Work Light	2	

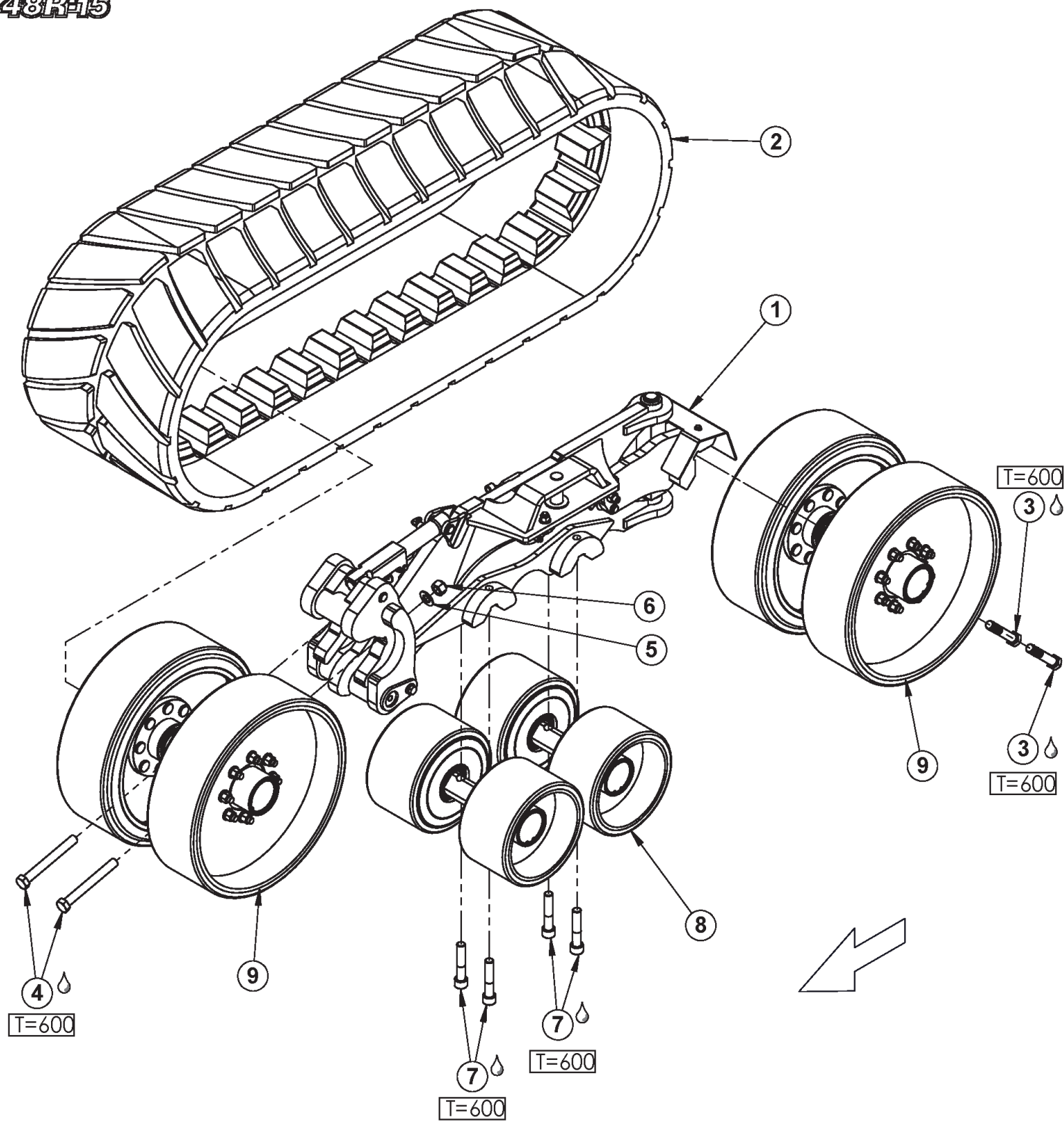


TA01228 Assy, 24" RH Track

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	FW-SAE-1.000Y	Washer, Flat SAE-1.0-YZ	2	
2	HB-1.000-8X5.50Y8	HBolt-1.0000-8x5.50-YZ8	2	
3	HB-1.000-8X8.50Y8	Bolt, Hex Head-1.0-8x8.5-YZ8	2	
4	NLNUT-1.000-8Y8	Nut, Nylock-1.0-8-YZ8	2	
5	SHCS-1.000-8X5.00B8	SHCS-1.000-8X5.00 B8	4	
6	T0054413	Track, 24" Wide Planter	1	
7	TA01049	Assy, RH Track Undercarriage	1	
8	TA01220	Assy, Wide Idler Axle	2	
9	TA01224	Assy, Wide Roller Axle	2	

Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.
3.  = Apply 30 W oil to threads before assembly.

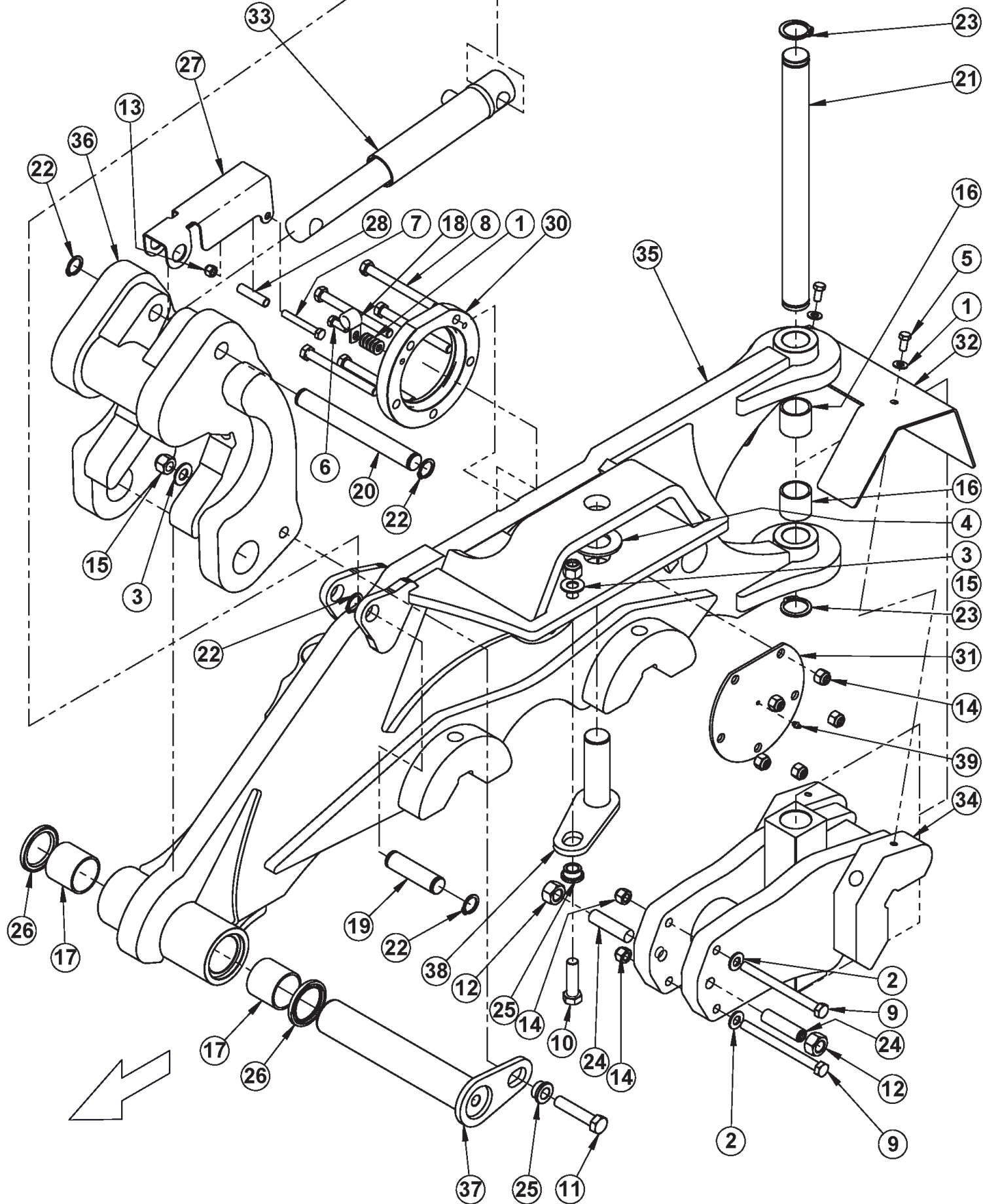


TA01229 Assy, 24" LH Track

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TA01024	Assy, LH Track Undercarriage	1	
2	T0054413	Track, 24" Wide Planter	1	
3	HB-1.000-8X5.50Y8	HBolt-1.0000-8x5.50-YZ8	2	
4	HB-1.000-8X8.50Y8	Bolt, Hex Head-1.0-8x8.5-YZ8	2	
5	FW-SAE-1.000Y	Washer, Flat SAE-1.0-YZ	2	
6	NLNUT-1.000-8Y8	Nut, Nylock-1.0-8-YZ8	2	
7	SHCS-1.000-8X5.00B8	SHCS-1.000-8X5.00 B8	4	
8	TA01224	Assy, Wide Roller Axle	2	
9	TA01220	Assy, Wide Idler Axle	2	

Note:

1. T=XXX = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified).
2. * Items marked with an asterisk are items that are included in that particular part or assembly.
3.  = Apply 30 W oil to the threads before assembly.

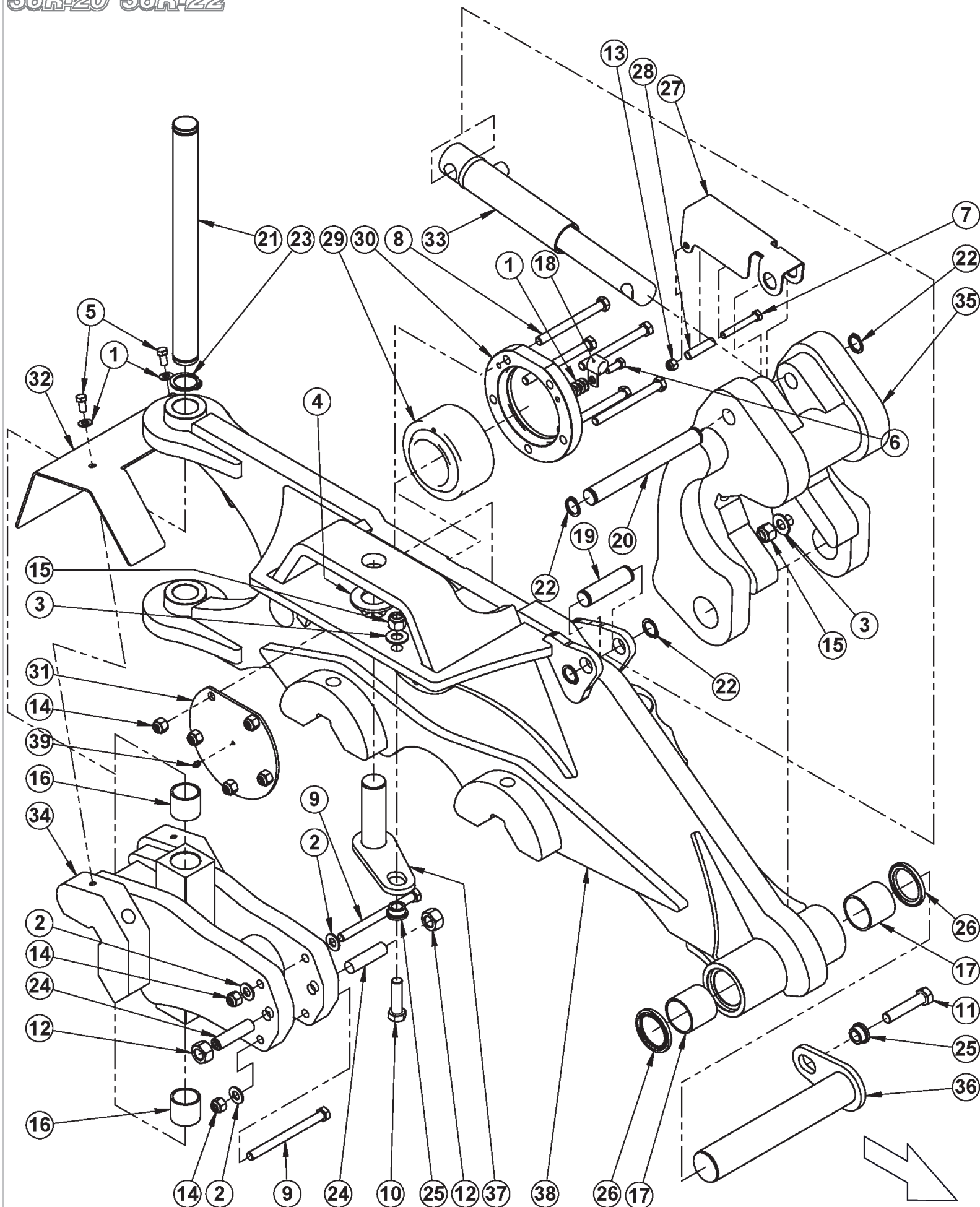


TA01024 Assy, LH Track Undercarriage

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	7	
2	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	4	
3	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	2	
4	FW-SAE-1.375Y	Washer, Flat SAE 1-3/8 YZ	1	
5	HB-0.375-16X0.75Y8	HBolt-0.3750-16x0.750-YZ8	2	
6	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1 YZ8	1	
7	HB-0.375-16X2.75Y8	Bolt, Hex Hd 3/8-16x2-3/4 YZ8	1	
8	HB-0.500-13X5.25Y8	Bolt, Hex Hd 1/2-13x5-1/4 YZ8	5	
9	HB-0.500-13X6.00Y8	Bolt, Hex Hd 1/2-13x6 YZ8	2	
10	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	1	
11	HB-0.625-11X3.00Y8	Bolt, Hex Hd 5/8-18x3 YZ8	1	
12	HNUT-0.750-10Y8	Nut, Hex 3/4-10 YZ8	2	
13	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	1	
14	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	7	
15	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	2	
16	PB-1.500X1.75X1.50	Bushing, Composite 1-1/2x1-3/4x1-1/2	2	
17	PB-2.000X2.25X2.00	Bushing, Composite 2x2-1/4x2	2	
18	PCLMP-0.750x0.875	Clamp, Tube 3/4x13/32	1	
19	PIN-1.000X3.38Y	Pin, 1x3-3/8 YZ	1	
20	PIN-1.000X8.625Y	Pin, 1x8-5/8 YZ	1	
21	PIN-1.50X16.25Y	Pin, 1-1/2x16-1/4 YZ	1	
22	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	4	
23	SRING-EXT-HD-1.50Y	Retaining Ring, External 1-1/2 HD YZ	2	
24	SSOV-0.750-10X3.00B	Set Screw, Oval 3/4-10x3 BO	2	
25	T0050854	Anti Rotation Insert	2	
26	T0051585	2.00 Grease Seal	2	
27	T0053489	Shield, Tension Cylinder	1	
28	T0053497	Sleeve, Spacer	1	
29	T0053511	BEARING, SPHERICAL-3" SHAFT	1	
30	T0053524	Cap, Bearing	1	
31	T0054068	Grease Cap	1	
32	T0054437	Track Seal Cover	1	
33	TA01003	Cylinder, Hyd 1.50X5.50 SA	1	
34	TW000958	Wldmt (Mach), Track Alignment	1	
35	TW000960	Wldmt, LH Undercarriage-Mach	1	
36	TW000962	Wldmt (Mach), Track Tensioner	1	
37	TW000963	Weld, Pin	1	
38	TW000964	Weld, Pin	1	
39	ZERK-0.250-28	Zerk, 1/4-28	1	

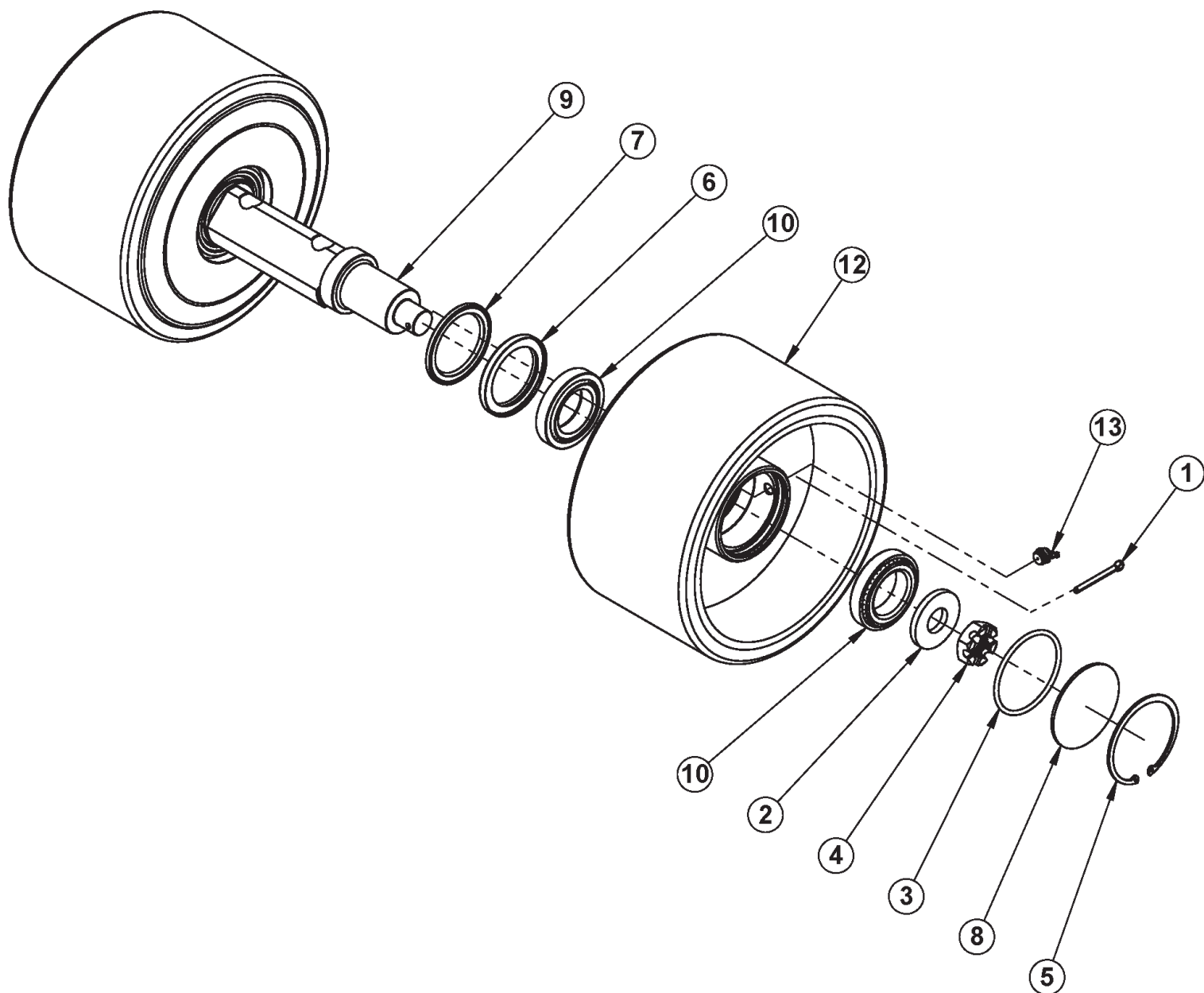
Note:

1. [T=XXX] = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.)
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



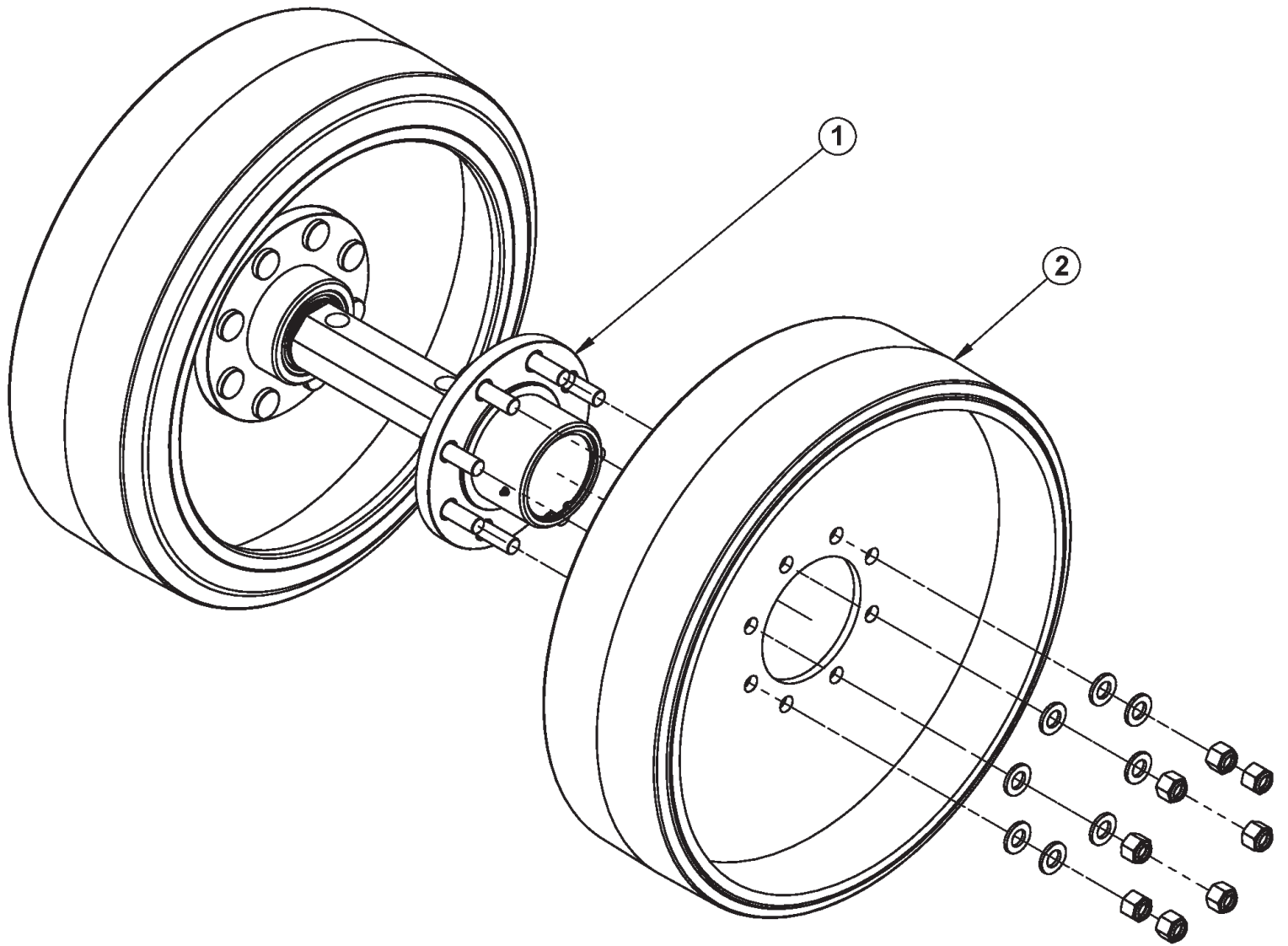
TA01049 Assy, RH Track Undercarriage

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	7	
2	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	4	
3	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	2	
4	FW-SAE-1.375Y	Washer, Flat SAE 1-3/8 YZ	1	
5	HB-0.375-16X0.75Y8	HBolt-0.3750-16x0.750-YZ8	2	
6	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1 YZ8	1	
7	HB-0.375-16X2.75Y8	Bolt, Hex Hd 3/8-16x2-3/4 YZ8	1	
8	HB-0.500-13X5.25Y8	Bolt, Hex Hd 1/2-13x5-1/4 YZ8	5	
9	HB-0.500-13X6.00Y8	Bolt, Hex Hd 1/2-13x6 YZ8	2	
10	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	1	
11	HB-0.625-11X3.00Y8	Bolt, Hex Hd 5/8-18x3 YZ8	1	
12	HNUT-0.750-10Y8	Nut, Hex 3/4-10 YZ8	2	
13	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	1	
14	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	7	
15	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	2	
16	PB-1.500X1.75X1.50	Bushing, Composite 1-1/2x1-3/4x1-1/2	2	
17	PB-2.000X2.25X2.00	Bushing, Composite 2x2-1/4x2	2	
18	PCLMP-0.750x0.875	Clamp, Tube 3/4x13/32	1	
19	PIN-1.000X3.38Y	Pin, 1x3-3/8 YZ	1	
20	PIN-1.000X8.625Y	Pin, 1x8-5/8 YZ	1	
21	PIN-1.50X16.25Y	Pin, 1-1/2x16-1/4 YZ	1	
22	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	4	
23	SRING-EXT-HD-1.50Y	Retaining Ring, External 1-1/2 HD YZ	2	
24	SSOV-0.750-10X3.00B	Set Screw, Oval 3/4-10x3 BO	2	
25	T0050854	Anti Rotation Insert	2	
26	T0051585	2.00 Grease Seal	2	
27	T0053489	Shield, Tension Cylinder	1	
28	T0053497	Sleeve, Spacer	1	
29	T0053511	BEARING, SPHERICAL-3" SHAFT	1	
30	T0053524	Cap, Bearing	1	
31	T0054068	Grease Cap	1	
32	T0054437	Track Seal Cover	1	
33	TA01003	Cylinder, Hyd 1.50X5.50 SA	1	
34	TW000958	Wldmt (Mach), Track Alignment	1	
35	TW000962	Wldmt (Mach), Track Tensioner	1	
36	TW000963	Weld, Pin	1	
37	TW000964	Weld, Pin	1	
38	TW000982	Wldmt, RH Undercarriage-Mach	1	
39	ZERK-0.250-28	Zerk, 1/4-28	1	



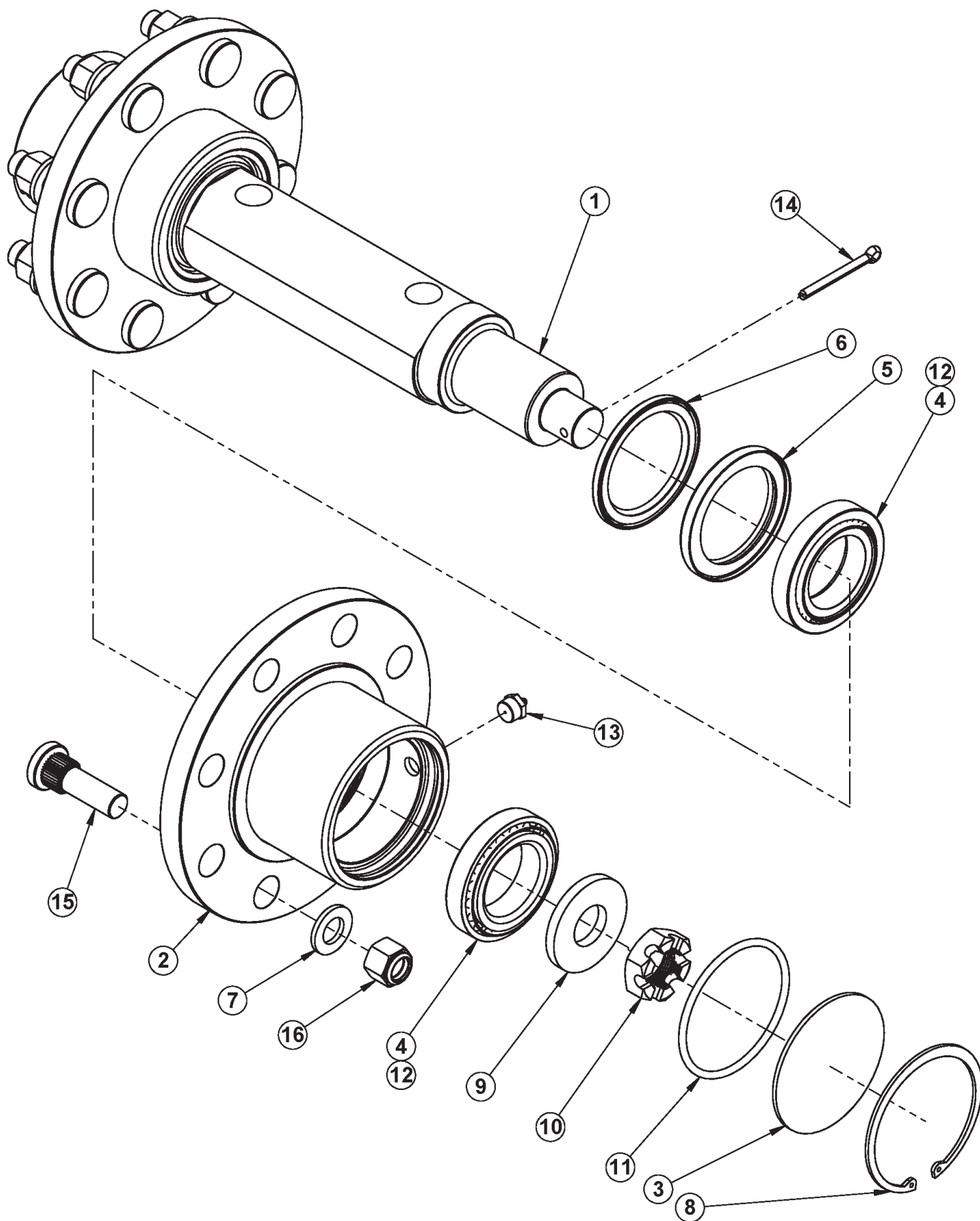
TA01224 Assy, Wide Roller Axle

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	CTPIN-0.250X2.50	COTTERPIN, 1/4 X 2-1/2	2	
2	HDWSH-1.26X2.88Y	1.25 x 2.87 x 0.31 Washer	2	
3	ORING-4.250X.188	4-1/4" x 0.188" O-Ring	2	
4	SHJN-1.250-12	Nut, Slotted Hex Jam 1-1/4"-12	2	
5	SRING-INT-4.25	4-1/4" INT SRING	2	
6	T0051029	3.0 Inch Seal	2	
7	T0051948	Seal, Radial Shaft Ø3.00 x .25	2	
8	T0054421	8-Bolt Hub Cap	2	
9	T0054431	Roller Axle	1	
10	T0054432	3.8125 Bearing Cup 382A	4	
11	T0054433	2.25 Bearing Cone 387A	4	
12	TA01222	Roller Wide Overmold	2	
13	ZERK-0.375-NPTX45	ZERK-0.375-NPTX45	2	



TA01220 Idler Wide Asm

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA01219	Idler Axle Asm	1	
2	TA01217	Idler Wide Overmold	2	

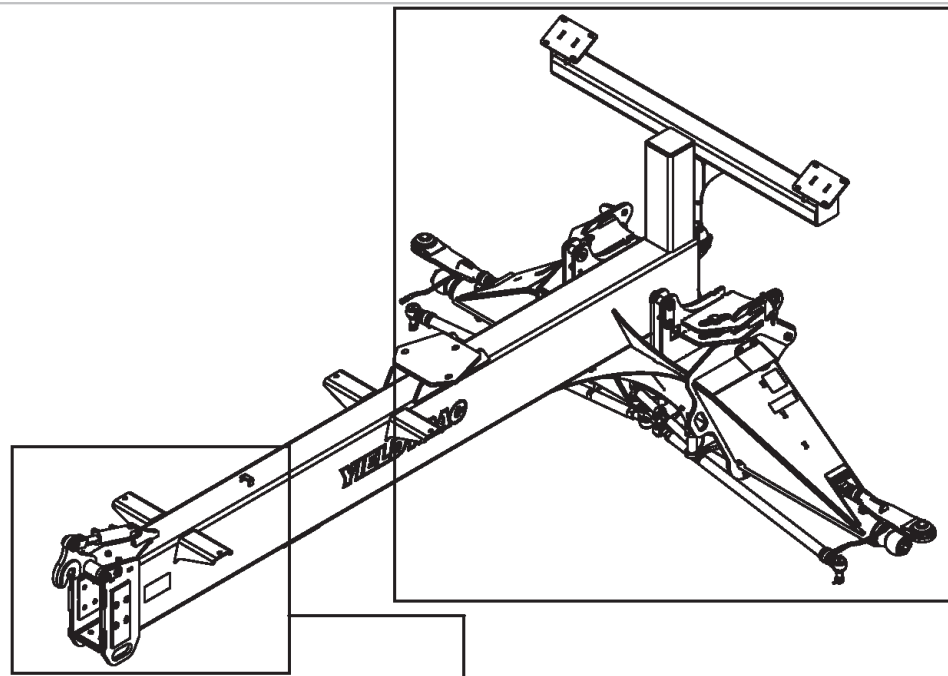


TA01219 Idler Axle Asm

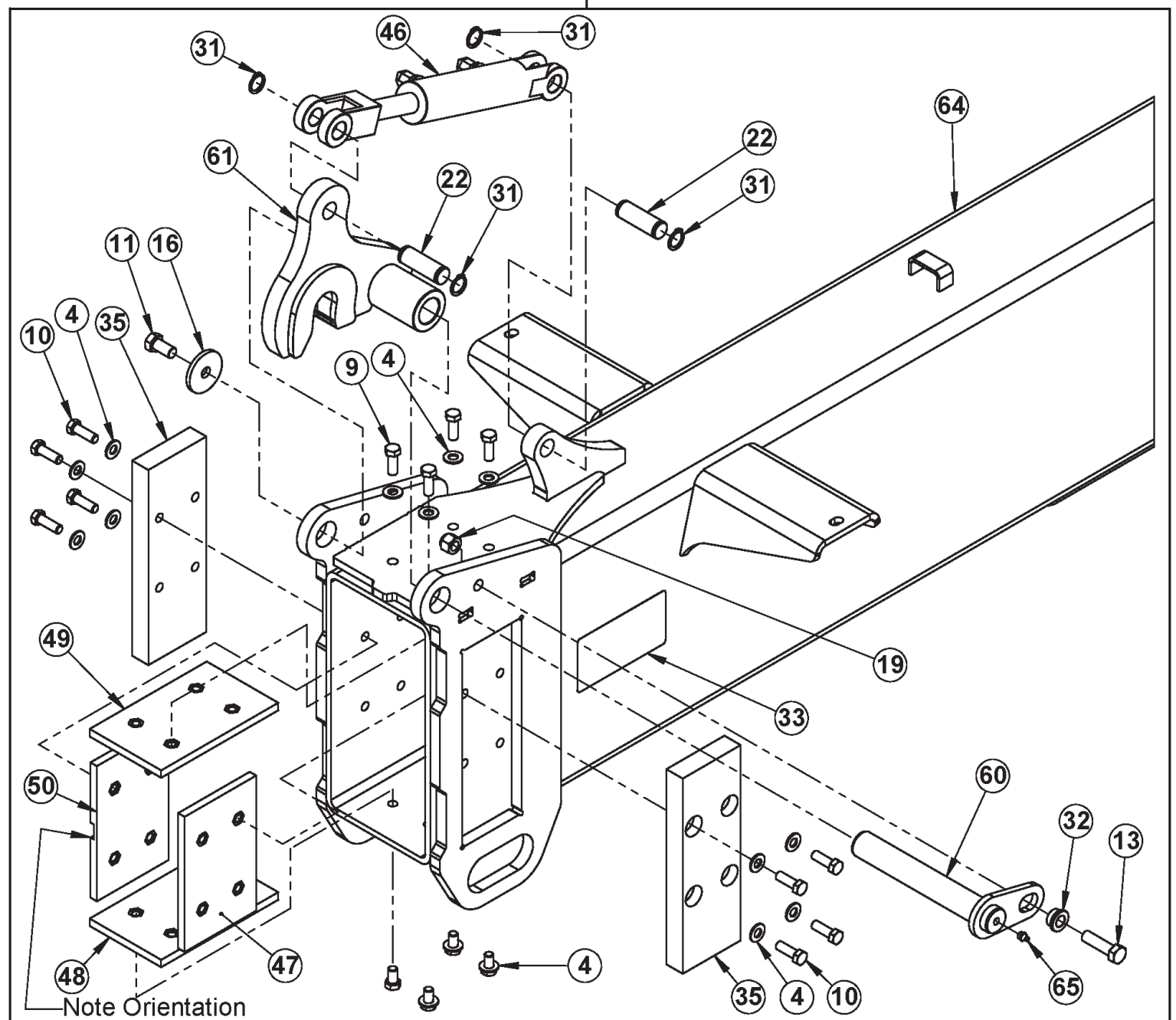
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0054424	Idler Axle	1	
2	TW001134	8-Bolt Hub Machined	2	
3	T0054421	8-Bolt Hub Cap	2	
4	T0054432	Bearing Cup	4	
5	T0051029	3.0 Inch Seal	2	
6	T0051948	Seal, Radial Shaft Ø3.00 x .25	2	
7	FW-SAE-0.750YTH	Washer, FL SAE 3/4 Th-Hrd YZ	16	
8	SRING-INT-4.25	4-1/4" INT SRING	2	
9	HDWSH-1.26X2.88Y	1.25 x 2.87 x 0.31 Washer	2	
10	SHJN-1.250-12	Nut, Slotted Hex Jam 1-1/4"-12	2	
11	ORING-4.250X.188	4-1/4" x 0.188" O-Ring	2	
12	T0054433	2.25 Tapered Roller Bearing Cone	4	
13	ZERK-0.375-NPT	Zerk 0.375-NPT	2	
14	CTPIN-0.250X2.50	COTTERPIN, 1/4 X 2-1/2	2	
15	WS-0.750-16X2.625C5	Stud, Wheel 3/4-16 Gr5 CZ	16	
16	NLNUT-0.750-16Y8	Nut, Nylock-3/4-16-YZ8	16	

Note:

*Items marked with an asterisk are items that are included in that particular part or assembly.

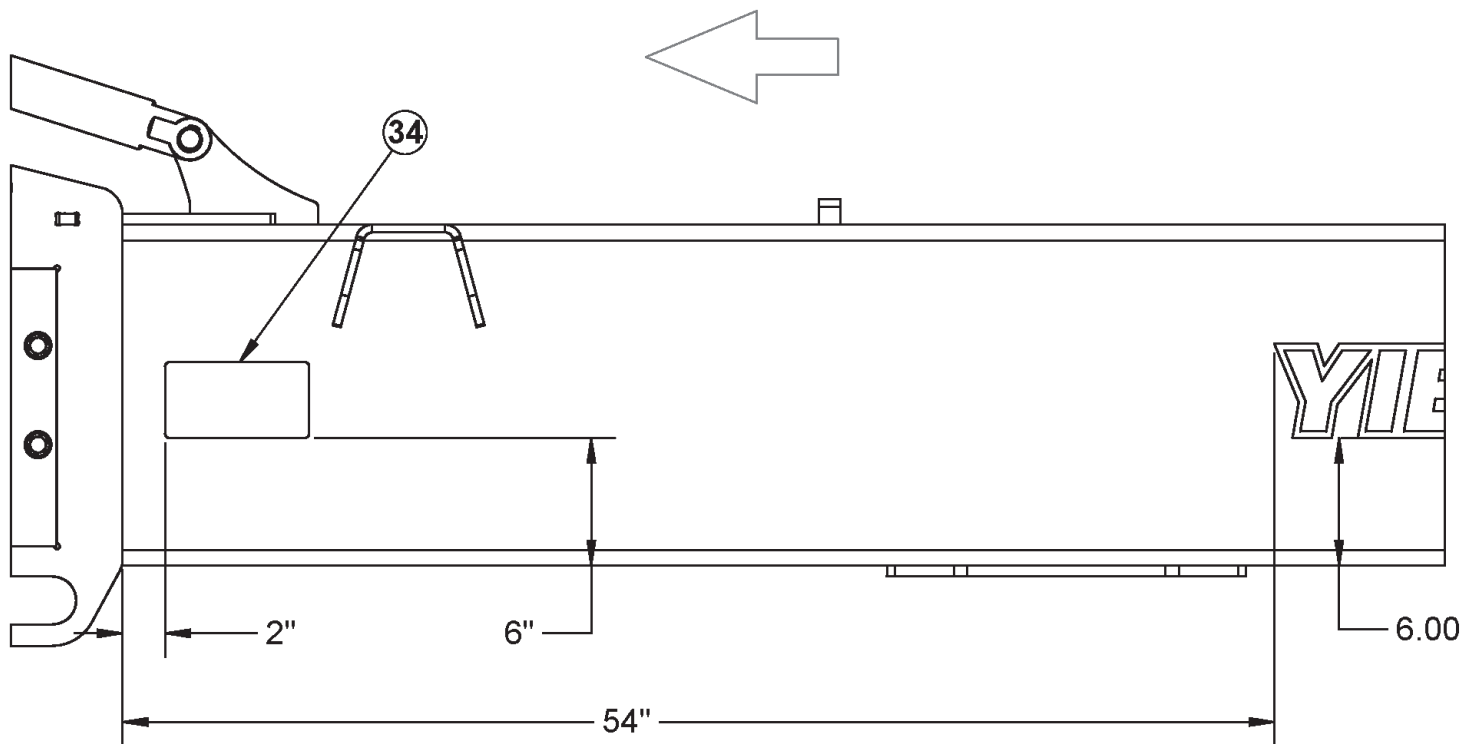
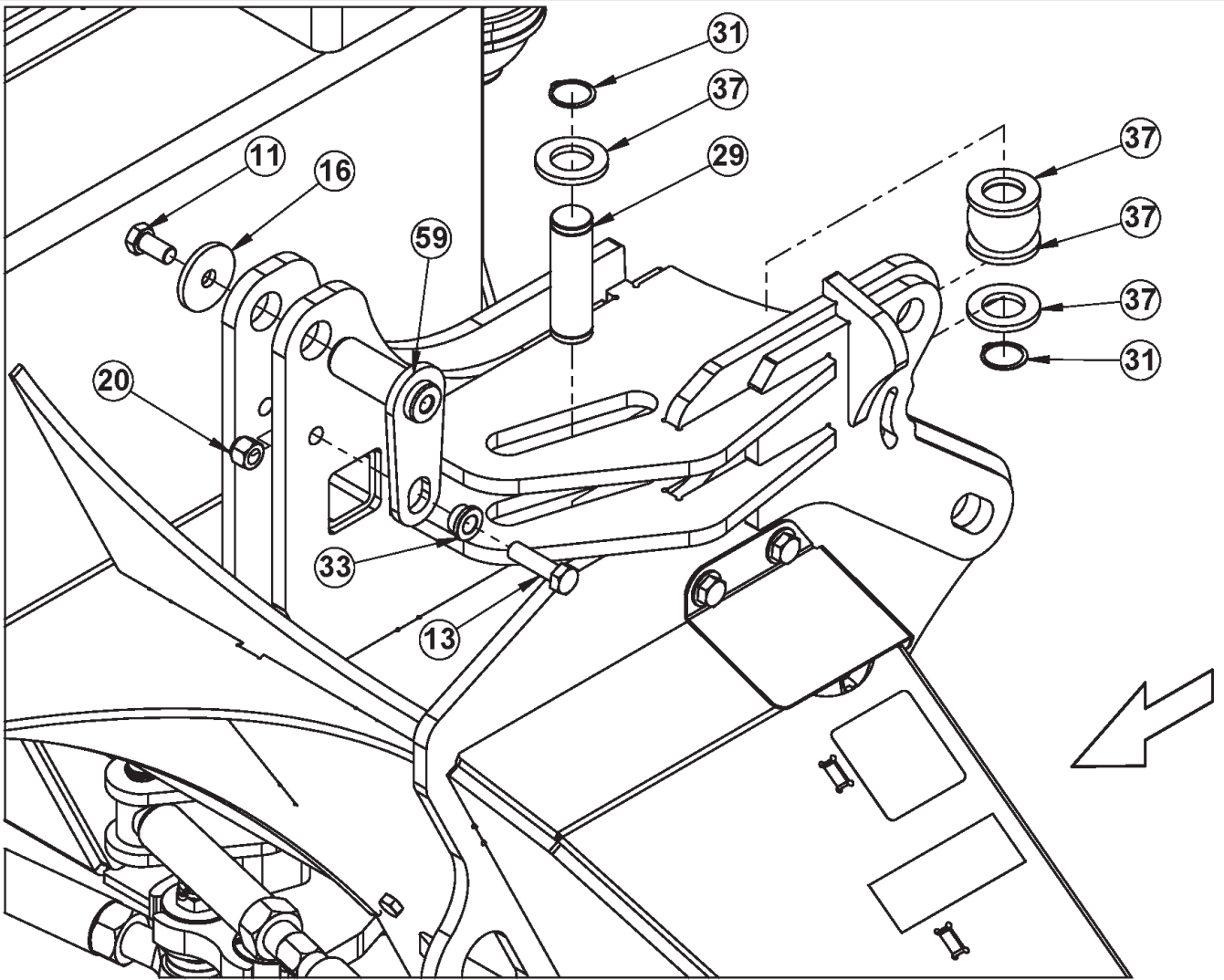


See
Sheets
2,3,4, & 5



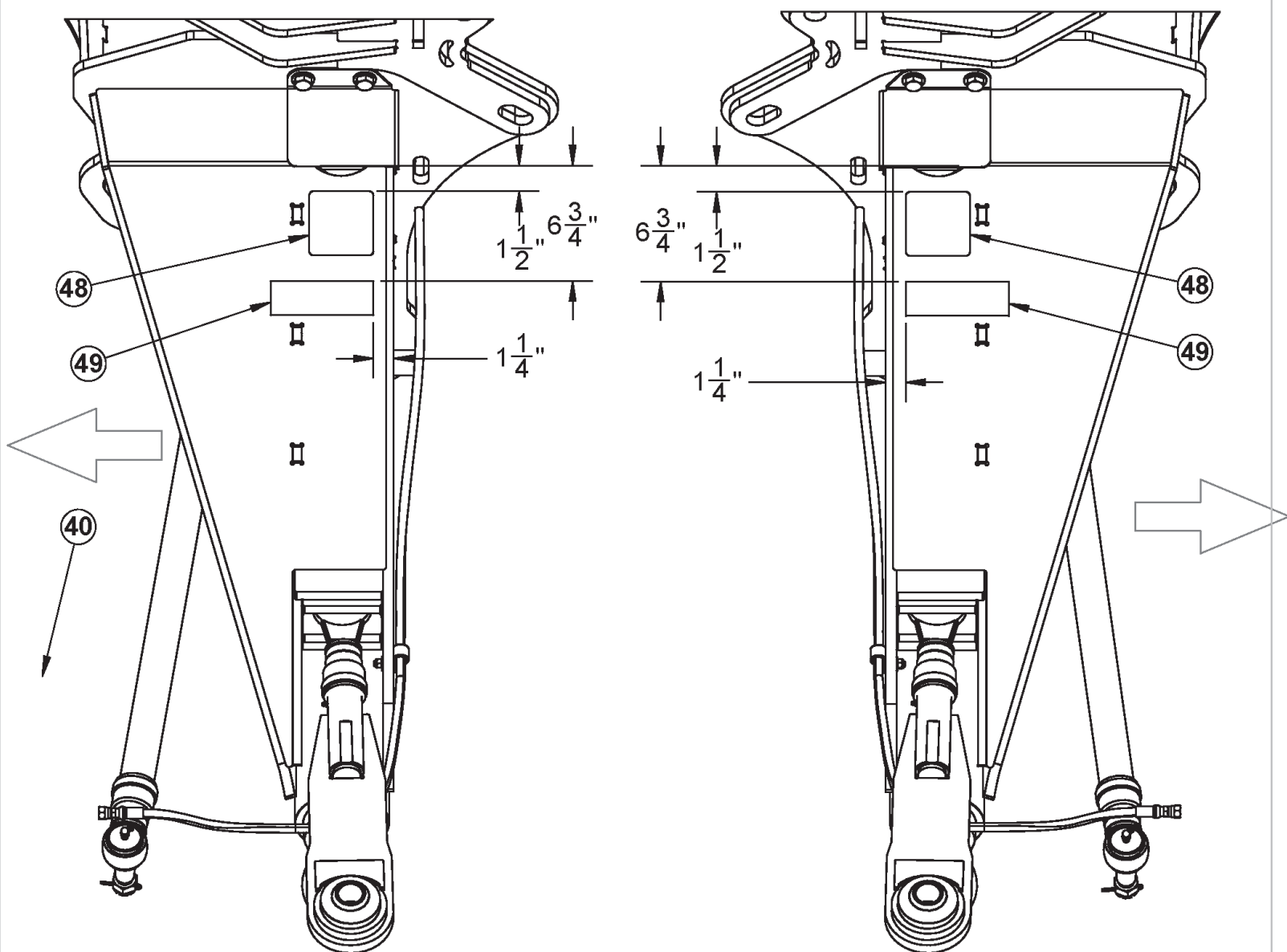
TA01331 Assy, 24R20 Main Frame 120" (Sheet 1 of 5)

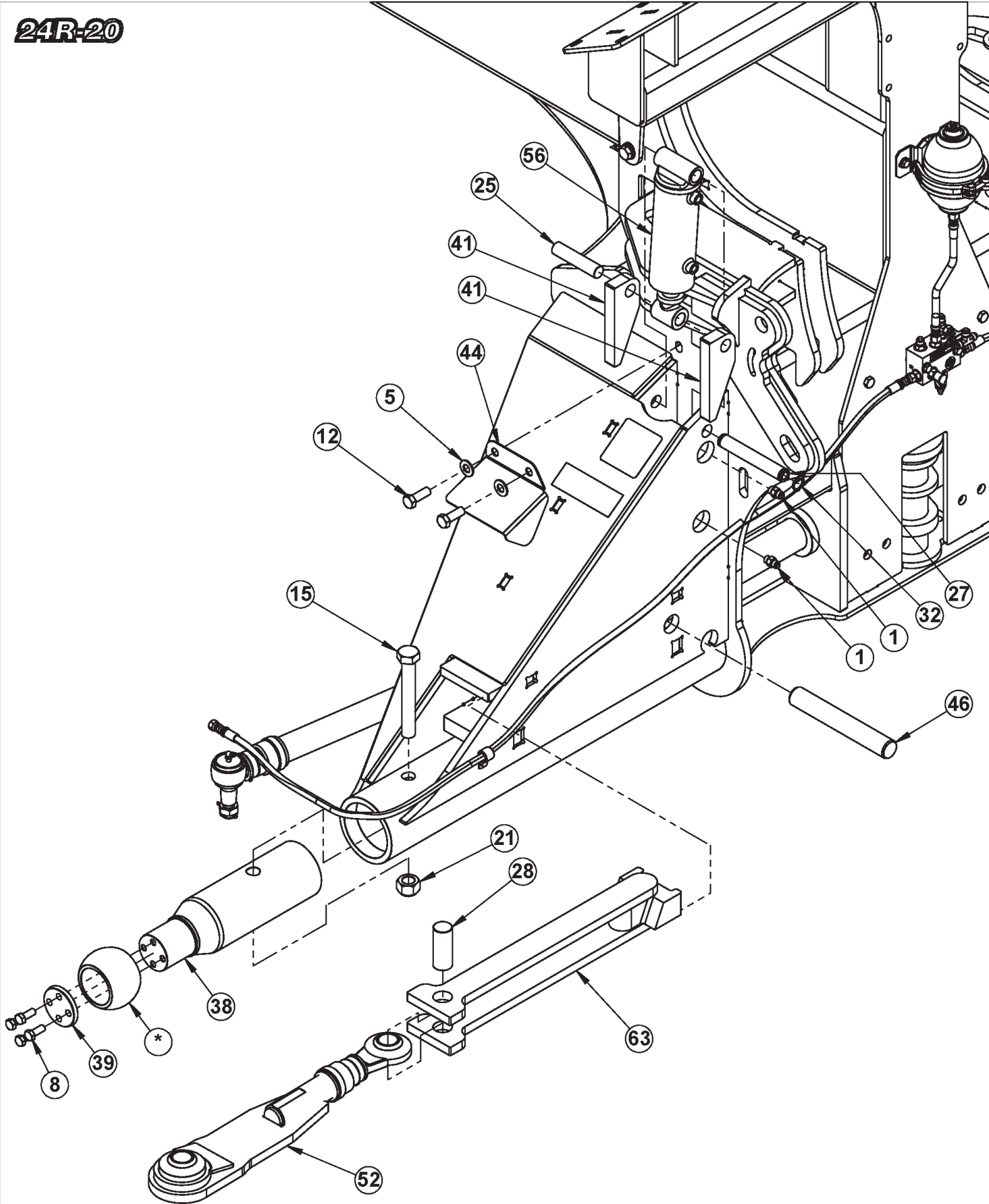
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	AD-06MJ-06MB	ADAPTER 06MJ-06MB	4	
2	AD-06MJ-08MB-90	ADAPTER 06MJ-08MB 90	1	
3	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	2	
4	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	16	
5	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	9	
6	HB-0.313-18X1.25Y8	Bolt, Hex Hd 5/16-18x1-1/4 YZ8	2	
7	HB-0.500-13X0.88Y8	Bolt, Hex Hd 1/2-13x7/8 YZ8	4	
8	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	8	
9	HB-0.500-13X1.38Y8	Bolt, Hex Hd 1/2-13x1-3/8 YZ8	4	
10	HB-0.500-13X1.50Y8	Bolt, Hex Hd 1/2-13x1-1/2 YZ8	8	
11	HB-0.625-11X1.25Y8	Bolt, Hex Head-5/8-11x1.25-YZ8	3	
12	HB-0.625-11X1.75Y8	Bolt, Hex Head-5/8-11x1.75-YZ8	4	
13	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	5	
14	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	1	
15	HB-1.000-8X7.00Y8	Bolt, Hex Hd-1-8x7-YZ8	2	
16	HDWSH-0.64X2.50Y	HD Washer 0.64 x 2.50	3	
17	HS04-073-06FJ-06FJ-C	Hose 0.25-073-06FJX-06FJX-STC	2	
18	NLNUT-0.313-18Y8	Nut, Nylock 5/16"-18-YZ8	2	
19	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	10	
20	NLNUT-1.000-8Y8	Nut, Nylock-1.0-8-YZ8	2	
21	PCLMP-0.750x0.875	Clmp, Cus Pipe Ø3/4"x7/8"	2	
22	PIN-1.000X2.63Y	PIN-1.000X2.63Y	2	
23	PIN-1.000X3.38Y	PIN-1.000X3.38Y	1	
24	PIN-1.000X4.63Y	PIN-1.000X4.63Y	2	
25	PIN-1.000X5.75Y	Pin-1.0000x5.750-YZ	1	
26	PIN-1.000X6.125Y	Pin-1.0000x6.125-YZ	2	
27	PIN-1.438X3.50Y	PIN-1.438X3.50Y	2	
28	PIN-1.438X4.25Y	Pin-1.4375x4.250-YZ	2	
29	RN-0.375-16-.31-.44-Y	Rivnut, 3/8-16 UNC .31-.44 GR	4	
30	SRING-EXT-1.44	1-7/16" External Snap Ring	4	
31	SRING-EXT-HD-1.00Y	SRING-EXT-HD-1.00Y	10	
32	T0050854	Anti Rotation Insert	6	
33	T0051588	Decal, Warning - Crush Hazard	2	
34	T0052369	ADAPTER 06MJ-08MB 90 W/ORF	1	
35	T0052579	Slider Block	2	
36	T0052610	Washer, Control Link	8	
37	T0053788	Axle, Track Stub	2	
38	T0053791	Washer, Track Axle Retention	2	
39	T0054236	Decal, Yieldtrac 4.4x33.3	2	
40	T0054616	Stop Insert	4	
41	T0054707	Decal, Warn-Crush Haz Mn Lift	2	
42	T0054708	Decal, 320 Lug Torque	2	
43	T0054904	Cylinder Cover, LH	1	
44	T0054905	Cover, RH Cylinder	1	
45	T0055290	Pin, Shipping Lock	2	
46	TA00632	Cylinder, Hyd 2.00X4.00	1	
47	TA00801	Assy, Slider	1	
48	TA00801	Assy, Slider	1	
49	TA00801	Assy, Slider	1	
50	TA00843	Assy, Slider	1	
51	TA01117	Tilt Control Assembly	1	
52	TA01117	Tilt Control Assembly	1	
53	TA01168	Assy, Tie Rod 120"	1	
54	TA01168	Assy, Tie Rod 120"	1	
55	TA01235	Cylinder, Tilt Stop	2	
56	TA01239	Assy, Track Tension Valve	1	
57	TA01637	Assy, Turnbuckle	1	
58	TW000630	Pin Weldment	2	
59	TW001012	Pin Weldment	2	
60	TW001050	Pin Weldment	1	
61	TW001150	Wldmt, Hitch Latch	1	
62	TW001163	Wldmt, 120" Stop Block	2	
63	TW001170	Pin Weldment	1	
64	TW001186	Wldmt, 40' Main Frame (120")	1	
65	ZERK-0.125-27-NPT	Zerk,-1/8-27-NPT	1	
66	TA01311	Steering Pivot Assy	1	



TA01331 Assy, 24R20 Main Frame 120" (Sheet 2 of 5)

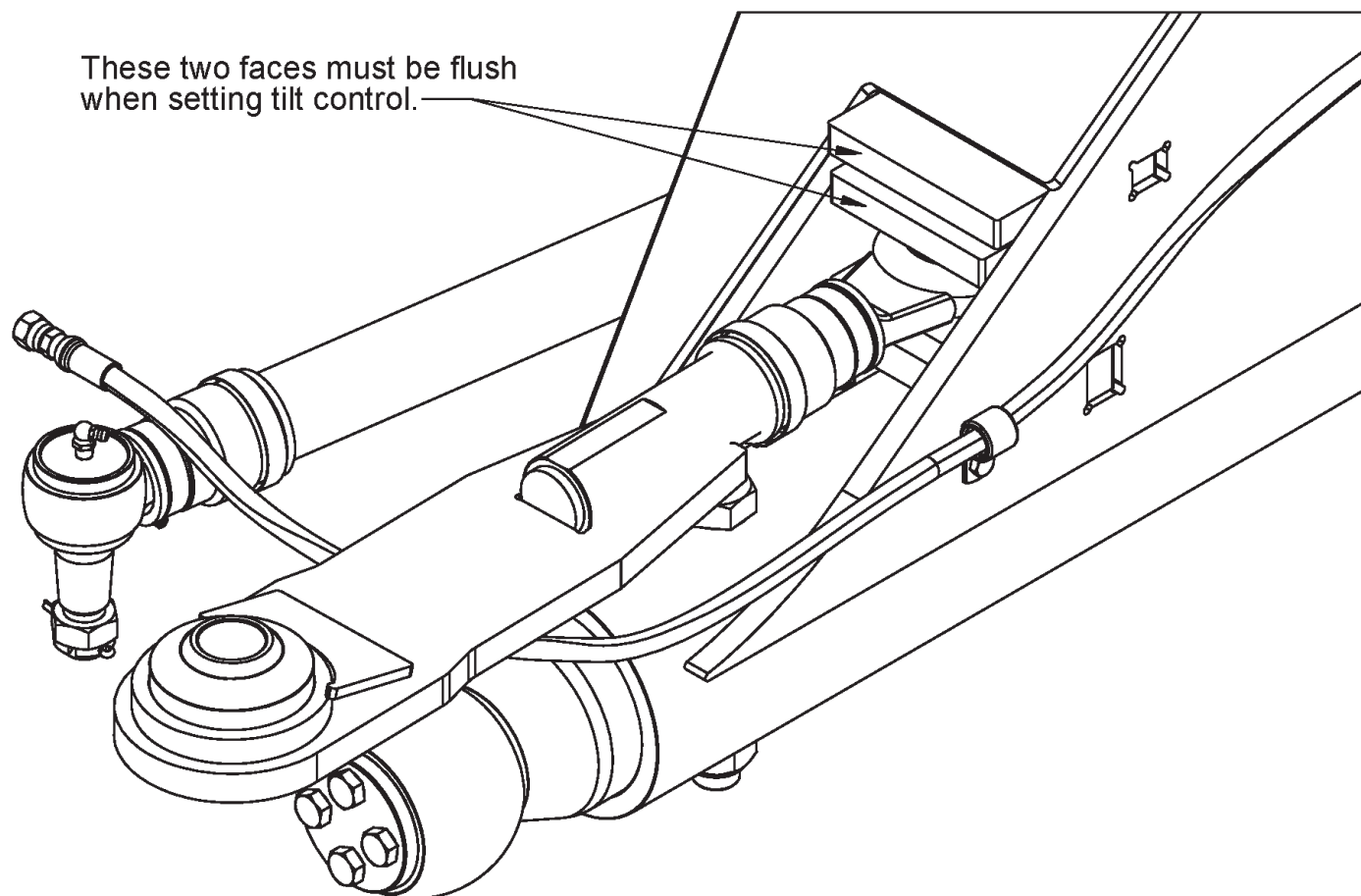
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
11	HB-0.625-11X1.25Y8	Bolt, Hex Head-5/8-11x1.25-YZ8	3	
13	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	5	
16	HDWSH-0.64X2.50Y	HD Washer 0.64 x 2.50	3	
20	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	10	
29	PIN-1.438X4.25Y	Pin-1.4375x4.250-YZ	2	
31	SRING-EXT-1.44	1-7/16" External Snap Ring	4	
33	T0050854	Anti Rotation Insert	6	
34	T0051588	Decal, Warning - Crush Hazard	2	
37	T0052610	Washer, Control Link	8	
40	T0054236	Decal, Yieldtrac 4.4x33.3	2	
42	T0054707	Decal, Warn-Crush Haz Mn Lift	2	
43	T0054708	Decal, 320 Lug Torque	2	

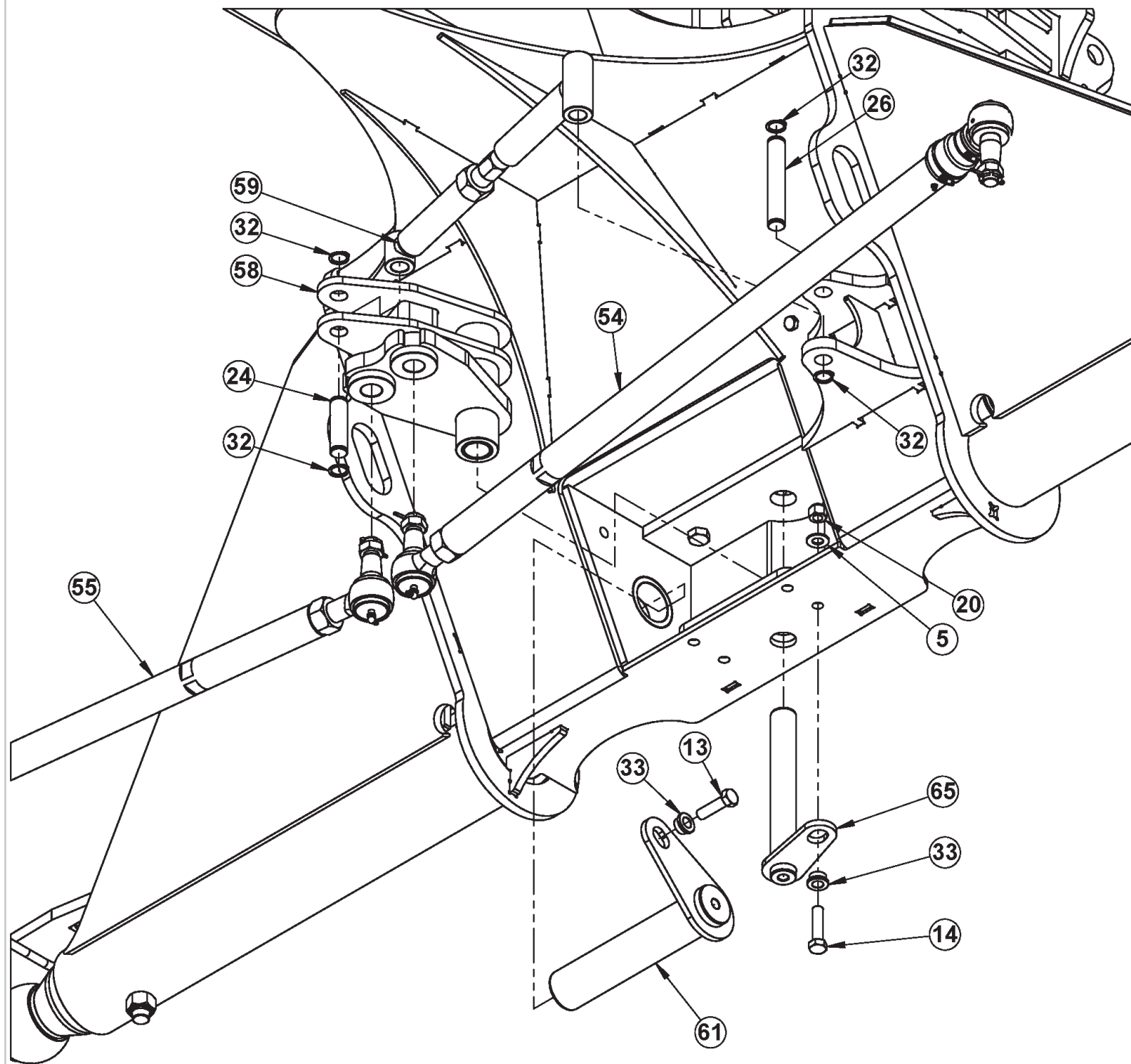




TA01331 Assy, 24R20 Main Frame 120" (Sheet 3 of 5)

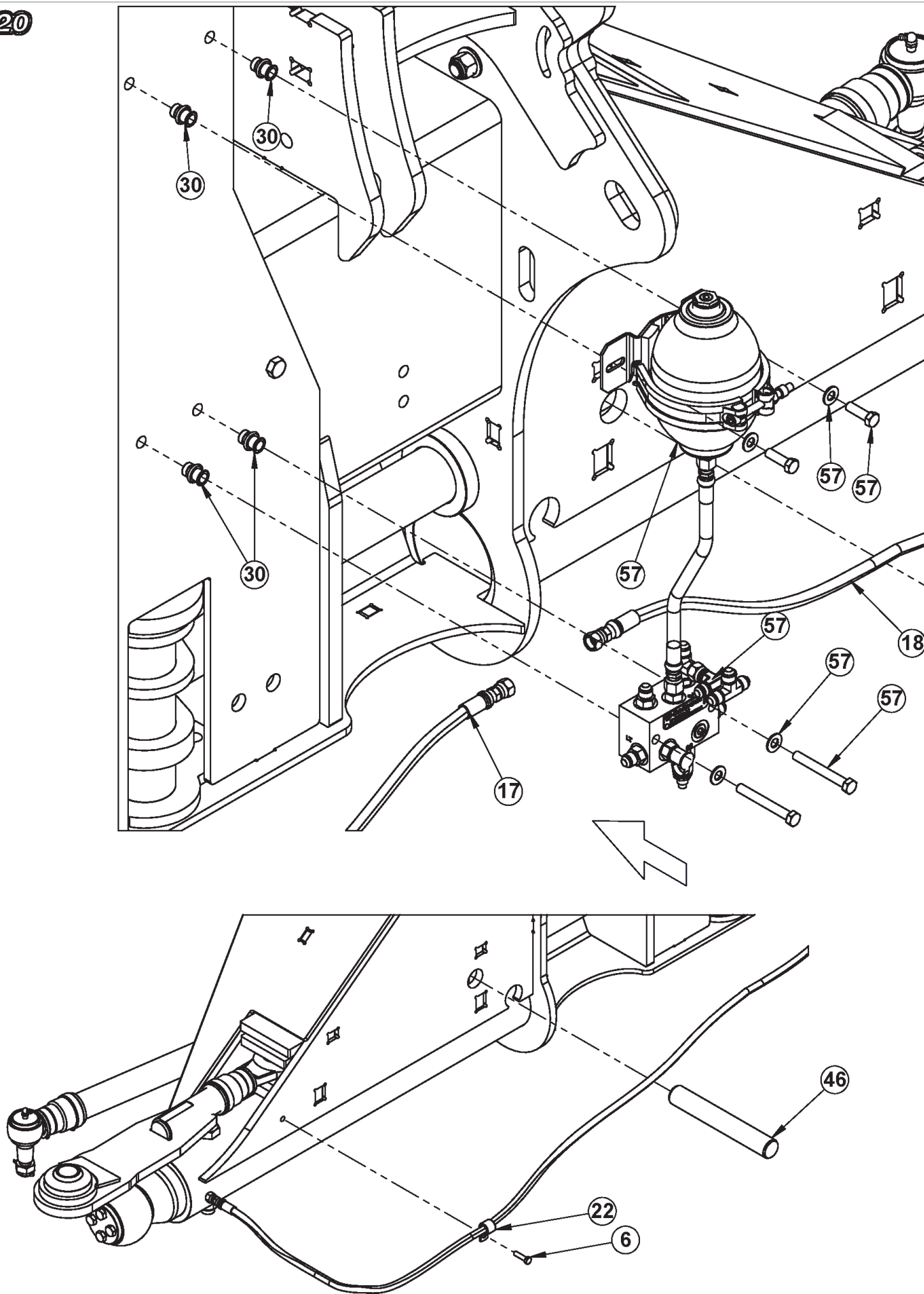
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	AD-06MJ-06MB	ADAPTER 06MJ-06MB	4	
5	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	9	
8	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	8	
12	HB-0.625-11X1.75Y8	Bolt, Hex Head-5/8-11x1.75-YZ8	4	
15	HB-1.000-8X7.00Y8	Bolt, Hex Hd-1-8x7-YZ8	2	
21	NLNUT-1.000-8Y8	Nut, Nylock-1.0-8-YZ8	2	
25	PIN-1.000X4.63Y	PIN-1.000X4.63Y	2	
27	PIN-1.000X6.125Y	Pin-1.0000x6.125-YZ	2	
28	PIN-1.438X3.50Y	PIN-1.438X3.50Y	2	
32	SRING-EXT-HD-1.00Y	SRING-EXT-HD-1.00Y	10	
38	T0053788	Axle, Track Stub	2	
39	T0053791	Washer, Track Axle Retention	2	
41	T0054616	Stop Insert	4	
44	T0054904	Cylinder Cover, LH	1	
46	T0055290	Pin, Shipping Lock	2	
52	TA01117	Tilt Control Assembly	1	
56	TA01235	Cylinder, Tilt Stop	2	
63	TW001163	Wldmt, 120" Stop Block	2	





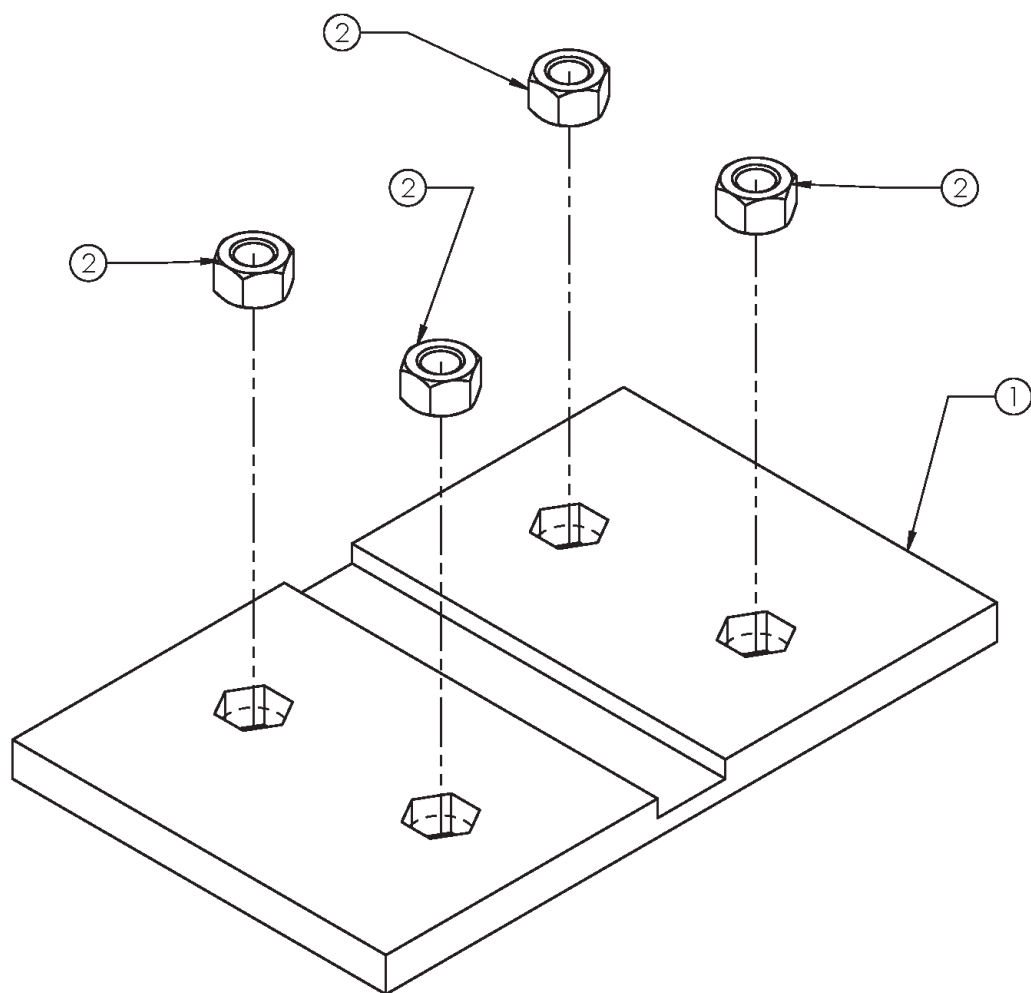
TA01331 Assy, 24R20 Main Frame 120" (Sheet 4 of 5)

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
5	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	9	
13	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	5	
14	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	1	
20	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	10	
24	PIN-1.000X3.38Y	PIN-1.000X3.38Y	1	
26	PIN-1.000X5.75Y	Pin-1.0000x5.750-YZ	1	
32	SRING-EXT-HD-1.00Y	SRING-EXT-HD-1.00Y	10	
33	T0050854	Anti Rotation Insert	6	
54	TA01168	Assy, Tie Rod 120"	1	
55	TA01168	Assy, Tie Rod 120"	1	
58	TA01311	Steering Pivot Assy	1	
59	TA01637	Assy, Turnbuckle	1	
61	TW001012	Pin Weldment	2	
65	TW001170	Pin Weldment	1	
67	ZERK-0.125-27-NPT	Zerk,-1/8-27-NPT	1	

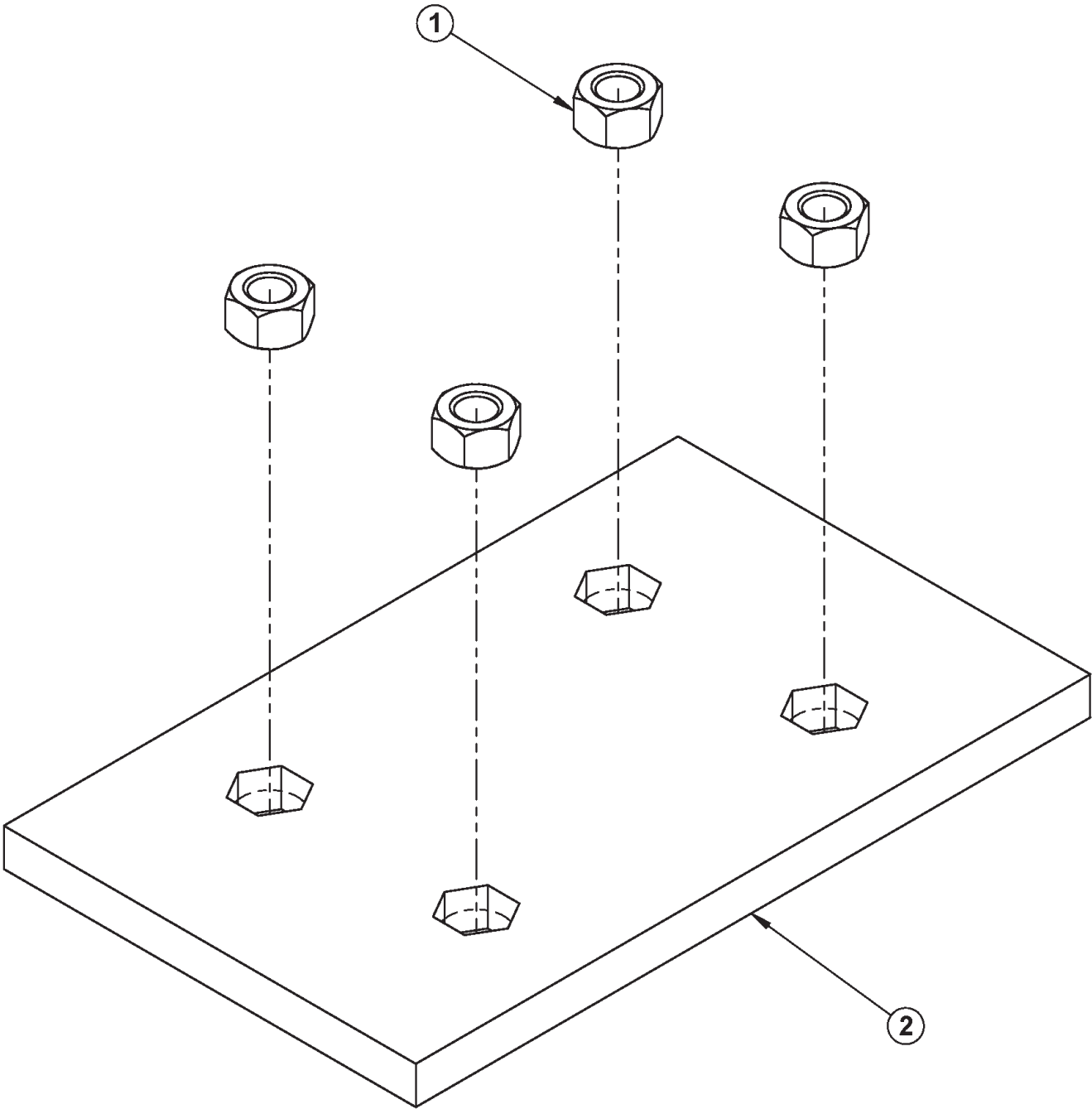


TA01331 Assy, 24R20 Main Frame 120" (Sheet 5 of 5)

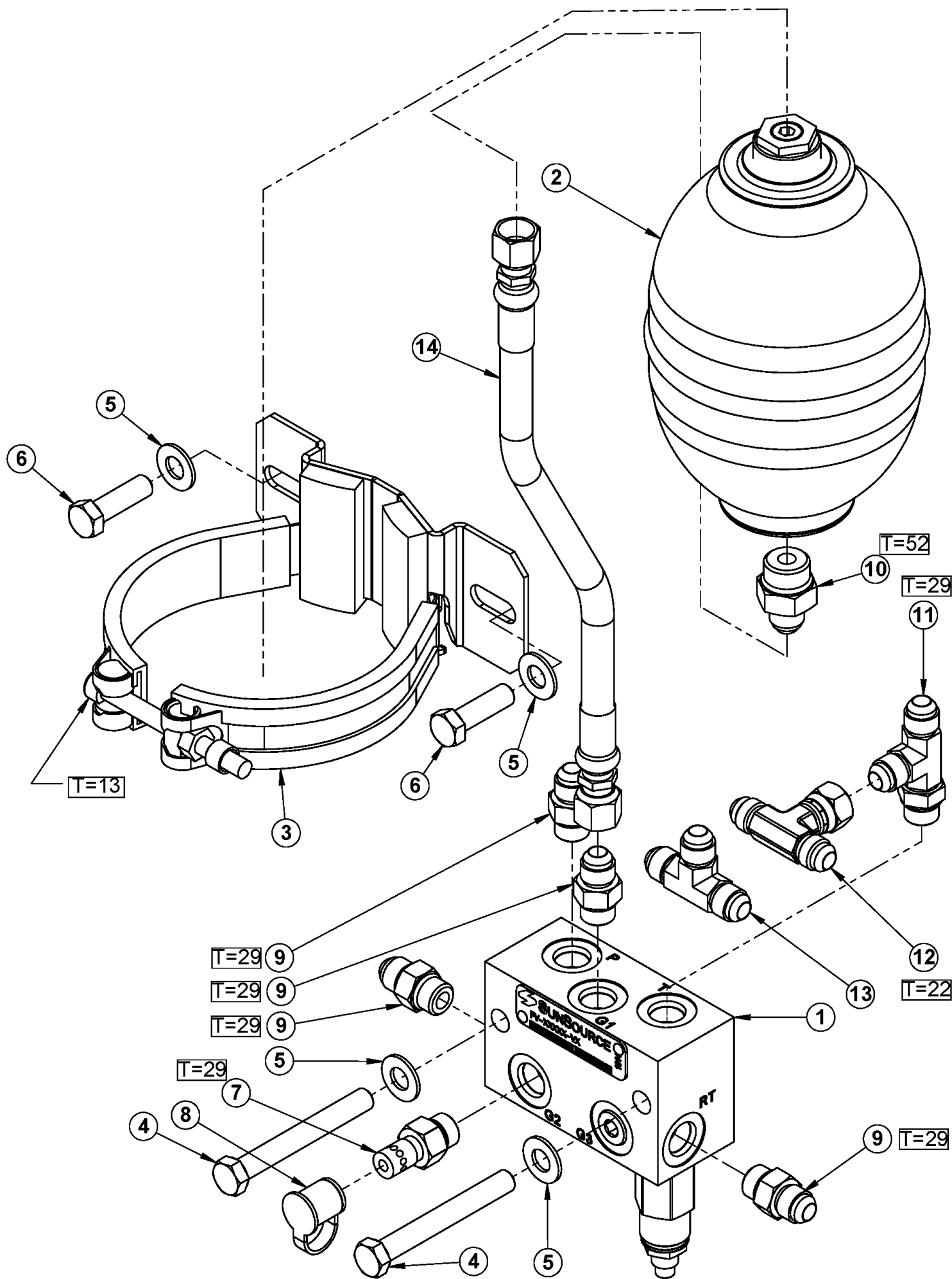
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
6	HB-0.313-18X1.25Y8	Bolt, Hex Hd 5/16-18x1-1/4 YZ8	2	
17	HS04-073-06FJ-06FJ-C	Hose 0.25-073-06FJX-06FJX-STC	1	
18	HS04-073-06FJ-06FJ-C	Hose 0.25-073-06FJX-06FJX-STC	1	
22	PCLMP-0.750x0.875	Clmp, Cus Pipe Ø3/4"x7/8"	2	
30	RN-0.375-16-.31-.44-Y	Rivnut, 3/8-16 UNC .31-.44 GR	4	
46	T0055290	Pin, Shipping Lock	2	
57	TA01239	Assy, Track Tension Valve	1	



TA00843 Assy, Slider				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0052385	Pad, Slider - w/ Dado Cut	1	
2	HNUT-0.500-13Y8	Nut, Hex 1/2-13 YZ8	4	



TA00801 Assy, Slider				
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	HNUT-0.500-13Y8	Nut, Hex 1/2-13 YZ8	4	
2	T0052285	Pad, Slider	1	



TA01239 Assy, Track Tension Valve

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0054379	Valve Assy, Track Tension	1	
2	T0054501	Accumulator, Track Tension	1	
3	TA01484	Assy, Accumulator Clamp	1	
4	HB-0.375-16X3.00Y8	HBolt-0.3750-16x3.000-YZ8	2	
5	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	4	
6	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	2	
7	T0054476	Diagnostic Nipple	1	29
8	T0054469	Cap, Rubber	1	
9	AD-06MJ-06MB	Adapter, 06MJ-06MB	4	29
10	AD-06MJ-08MB	Adapter, 06MJ-08MB	1	52
11	AD-06MJ-06MB-06MJ	Adapter, 06MJ-06MB-06MJ Tee	1	29
12	AD-06MJ-06MJ-06FJX	Adapter, 06MJ-06MJ-06FJX Tee	1	22
13	AD-06MJ-06MJ-06MJ	Adapter, 06MJ-06MJ-06MJ Tee	1	
14	HS04-013-06FJ-06FJ-B	Hose 0.25-013-06FJX-06FJX	1	

Note:

1. **T=XXX** = Torque, and is expressed in ft-lbs.

Torque to 260 ft-lbs, continue to tighten past 260 ft-lbs until cotter pin hole is aligned
! DO NOT LOOSEN

T=260

Paint tie rods black if needed

T=260

Torque to 260 ft-lbs, continue to tighten past 260 ft-lbs until cotter pin hole is aligned
! DO NOT LOOSEN

Paint tie rods black if needed

Remove small hose clamp and discard

Must have equal amount of exposed tie-rod threads on each end of turnbuckle. Fully bottom both tie-rods and unscrew turnbuckle to set initial length.

Liberaly apply Anti-Sieze Prior to assembly

Liberaly apply Anti-Sieze Prior to assembly

2.95

(2.87)

56.01

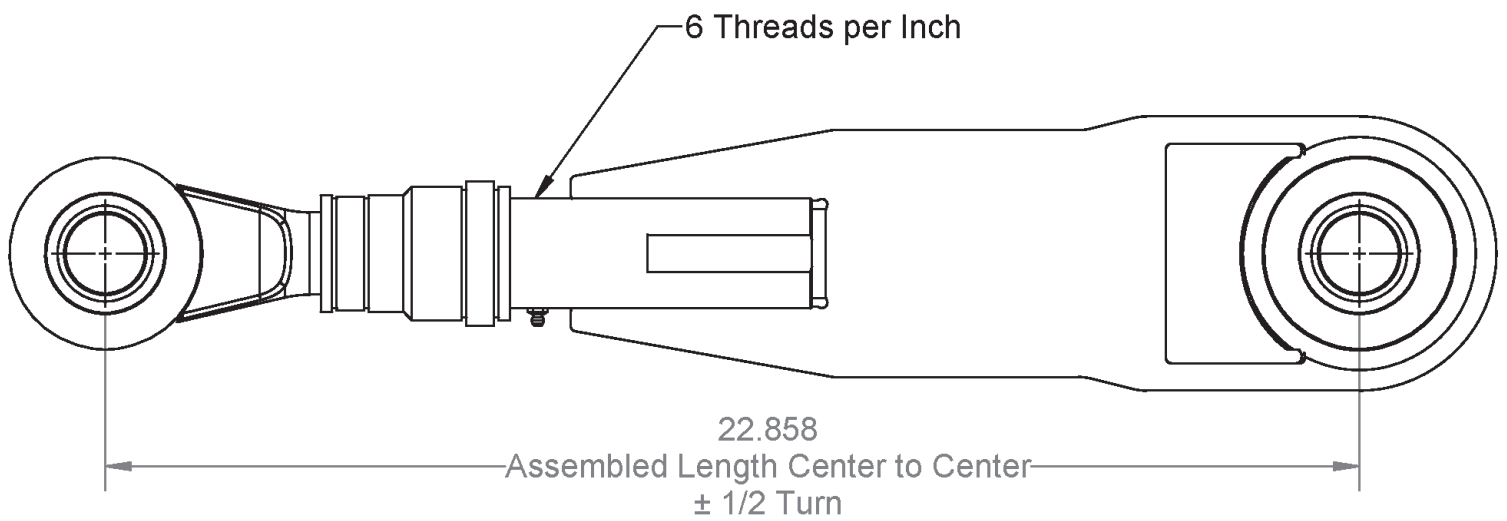
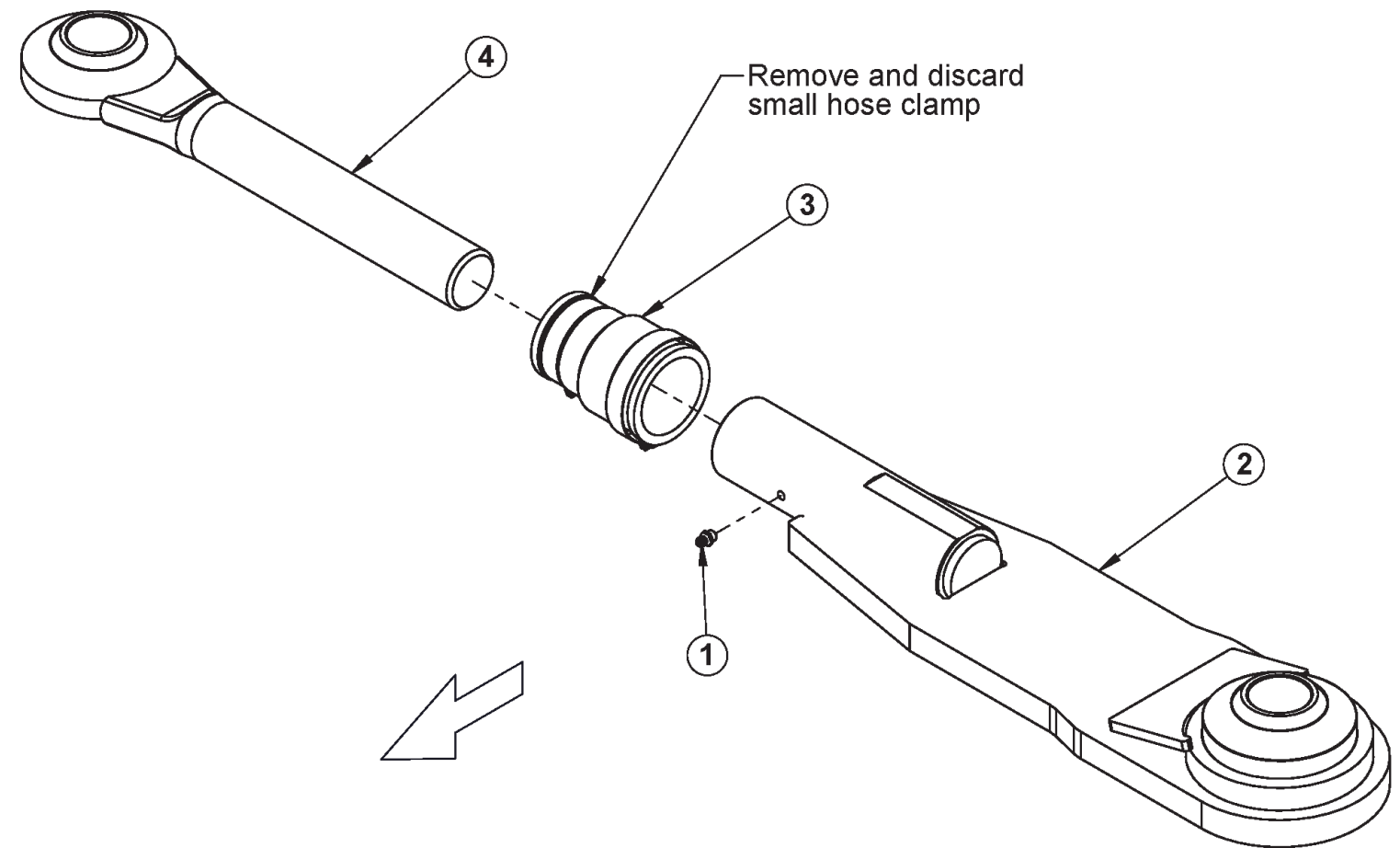
Starting Point Reference -
Further Adjustment May be
Required During Track
Alignment Procedure

TA01168 Assy, Tie Rod 120"

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0054289	Turnbuckle 120"	1	
2	T0053839	Tie Rod End, Outter LH Thrds	1	
3	T0053945	Tie Rod End, Inner RH Thrds	1	
4	HNUT-1.250-12Y8	Nut, Hex 1-1/4-12 YZ8	1	
5	T0054207	1.5" x 1.25" Rubber Coupling	1	
6	ZERK-0.250-28	Zerk, 1/4-28	1	
7	ZERK-0.250-28X90	Zerk, Grease 1/4-28x90 Deg	2	
8	CTPIN-0.156X2.00	COTTER PIN, 1/8 X 1, SST	2	

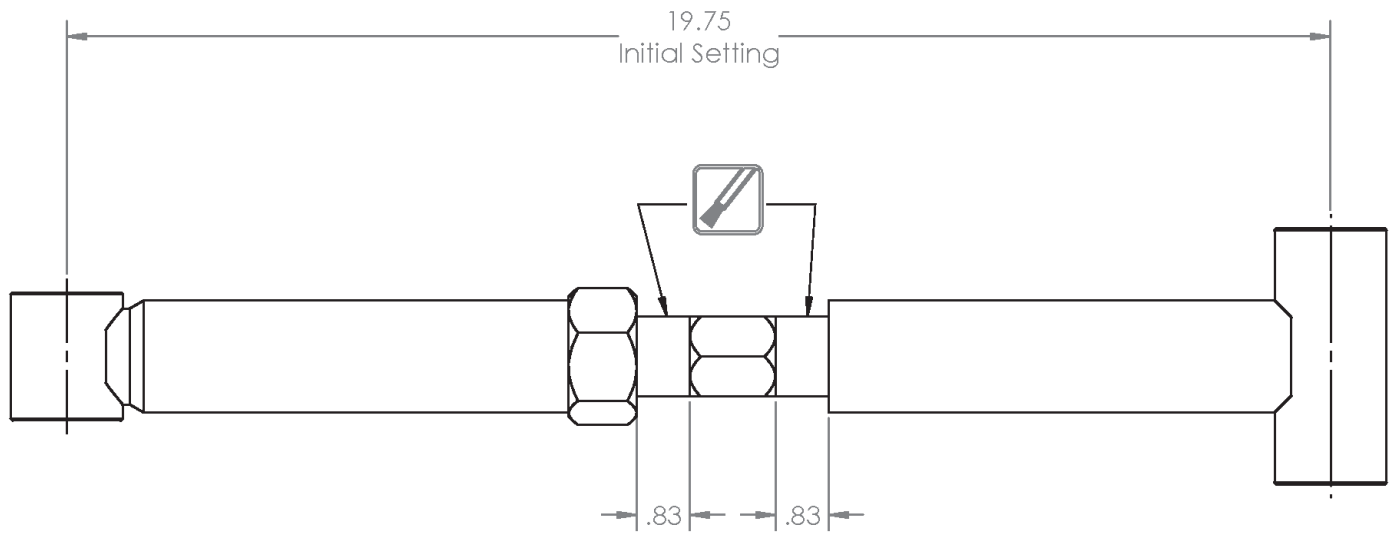
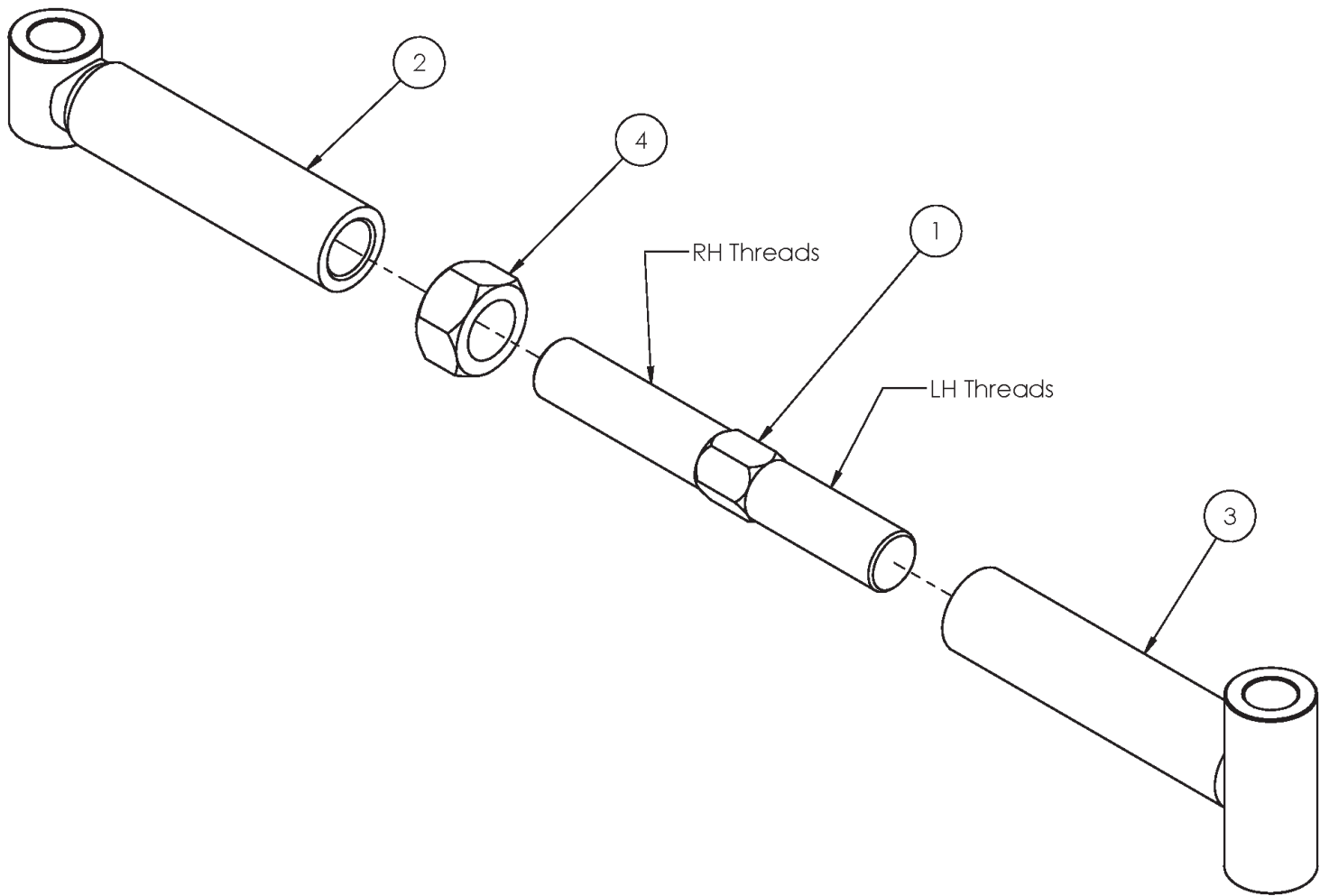
Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.
3. Paint tie rods black if needed.



TA01117 Tilt Control Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	ZERK-0.250-28	Zerk, 1/4-28	1	
2	TW001063	Wldmt, Tilt Stop	1	
3	T0054207	1.5" x 1.25" Rubber Coupling	1	
4	T0051213	RH End Link	1	



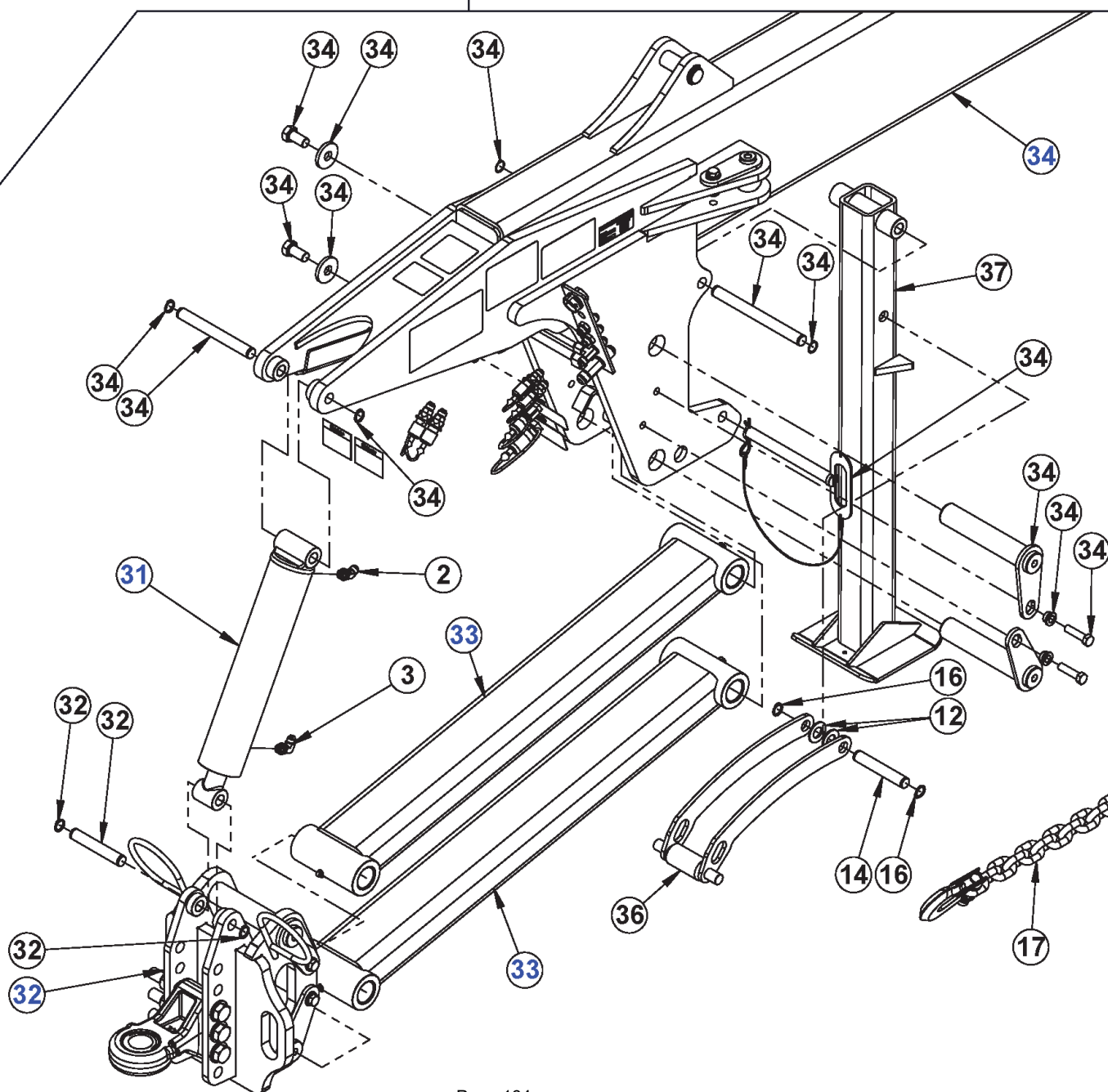
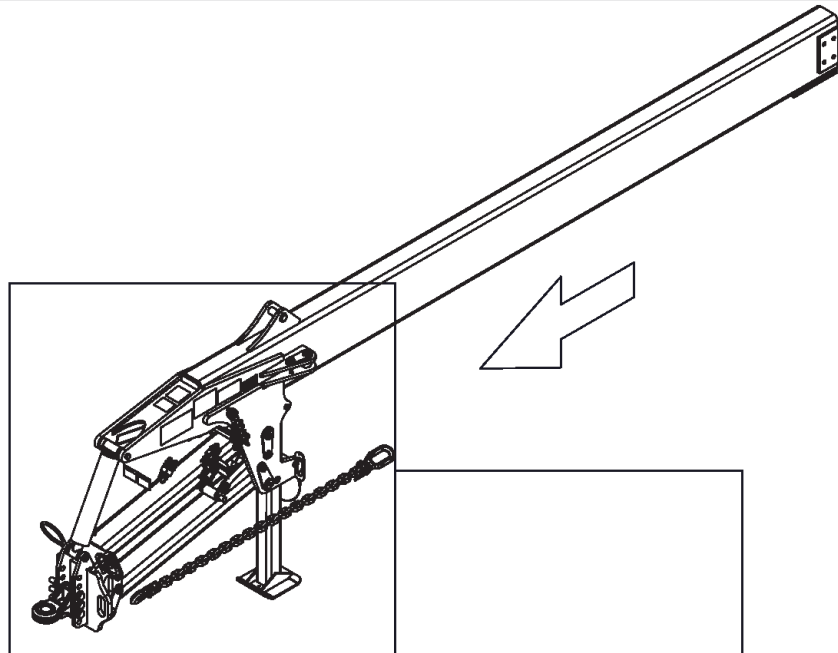
Thread lengths must be equal

TA01637 Assy, Turnbuckle

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0055292	Shaft, Turnbuckle	1	
2	TW001289	Wdmt, Turnbuckle RH	1	
3	TW001290	Wdmt, Turnbuckle LH	1	
4	HNUT-1.250-12Y8	Nut, Hex 1-1/4-12 YZ8	1	

Note:

1.  = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified).
2. * Items marked with an asterisk are items that are included in that particular part or assembly.
3.  = Apply Anti-Seize

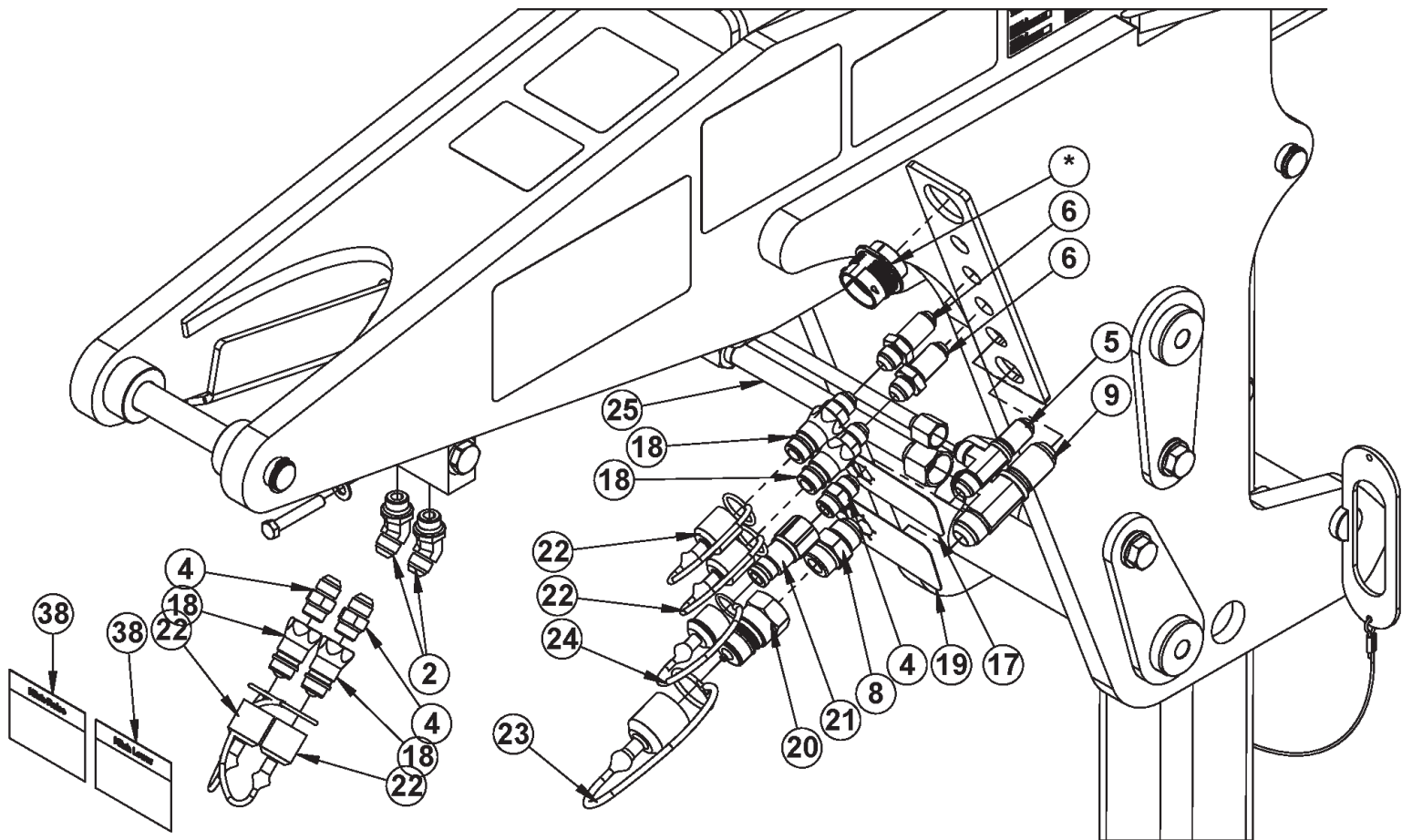
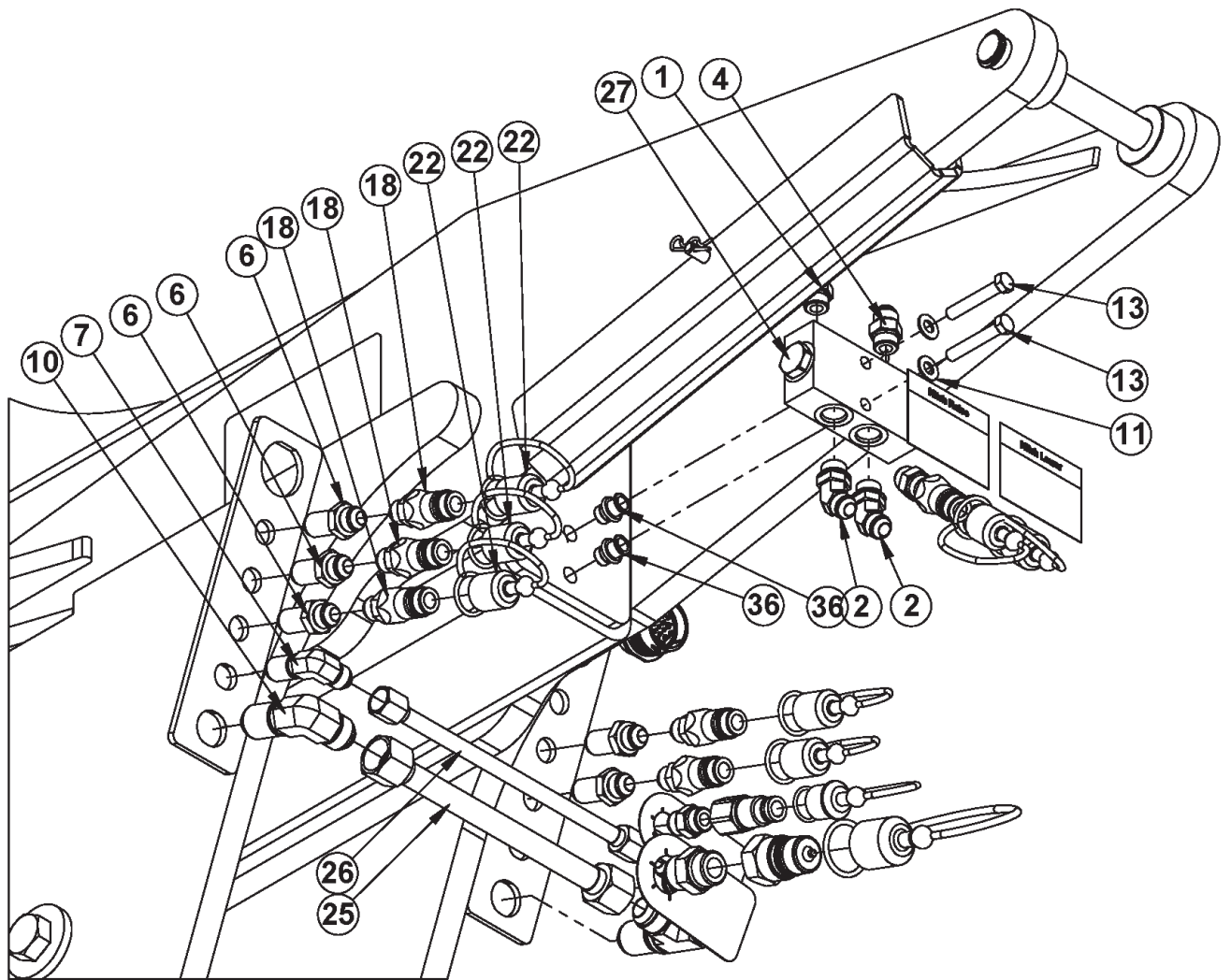


TA01767 Assy, Hyd Lift Front Hitch (Sheet 1 of 2)

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	AD-08MJ-08MB-.063	ADAPTER 08MJ-08MB .063" Orifice	1	
2	AD-08MJ-08MB-45	ADAPTER 08MJ-08MB 45	3	
3	AD-08MJ-08MB-90	ADAPTER 08MJ-08MB 90	1	
4	AD-08MJ-08MB	ADAPTER 08MJ-08MB	9	
5	AD-08MJ-08MJ-08MJ-BHR	ADAPTER 08MJT BH RUN	1	
6	AD-08MJ-08MJ-BH	ADAPTER 08MJ-08MJ BH	5	
7	AD-08MJ-08MJ-BH90	ADAPTER 08MJ-08MJ BH 90	1	
8	AD-12MJ-12MB	ADAPTER 12MJ-12MB	1	
9	AD-12MJ-12MJ-12MJ-BHR	ADAPTER 12MJT BH RUN	1	
10	AD-12MJ-12MJ-BH90	ADAPTER 12MJ-12MJ BH 90	1	
11	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	2	
12	FW-SAE-1.000Y	Washer, Flat SAE-1.0-YZ	2	
13	HB-0.375-16X2.25Y8	Bolt, Hex Hd 3/8-16x2-1/4-YZ8	2	
14	PIN-1.000X5.75Y	Pin-1.0000x5.750-YZ	1	
15	RN-0.375-16-.31-.44-Y	Rivnut, 3/8-16 UNC .31-.44 GR	2	
16	SRING-EXT-HD-1.00Y	SRING-EXT-HD-1.00Y	2	
17	T0051511	Safety Chain-61,000 lbs. 80"	1	
18	T0051595	Decal, Notice-Fan Motor Case	1	
19	T0051660	Tip, 1/2" Pioneer	7	
20	T0051678	Decal, Notice-Motor Return	1	
21	T0052376	Tip, Motor Return w/Relief	1	
22	T0052377	Tip, Case Drain w/Relief	1	
23	T0052386	Dust Plug, Pioneer Black	7	
24	T0052387	Dust Cap, Motor Return Black	1	
25	T0052388	Dust Cap, Case Drain Black	1	
26	T0055084	Tube Assy, Crossover	1	
27	T0055085	Tube Assy, Crossover	1	
28	T0055125	Valve, Double Blocking	1	
29	T0055168	Harness, ISO Hitch Ext 120"	1	
30	T0055812	Decal, Hose ID Hyd Hitch	1	
31	TA01496	Cylinder, Hyd 3.50X16.00	1	
32	TA01511	Assy, Hitch	1	
33	TA01513	Assy, Pivot Tube	2	
34	TA01768	Assy, Front Hitch	1	
35	TA01843	Hose Kit, Hyd Hitch	1	
36	TW001249	Wldmt, Jack Pivot Support	1	
37	TW001250	Wldmt, Jack	1	

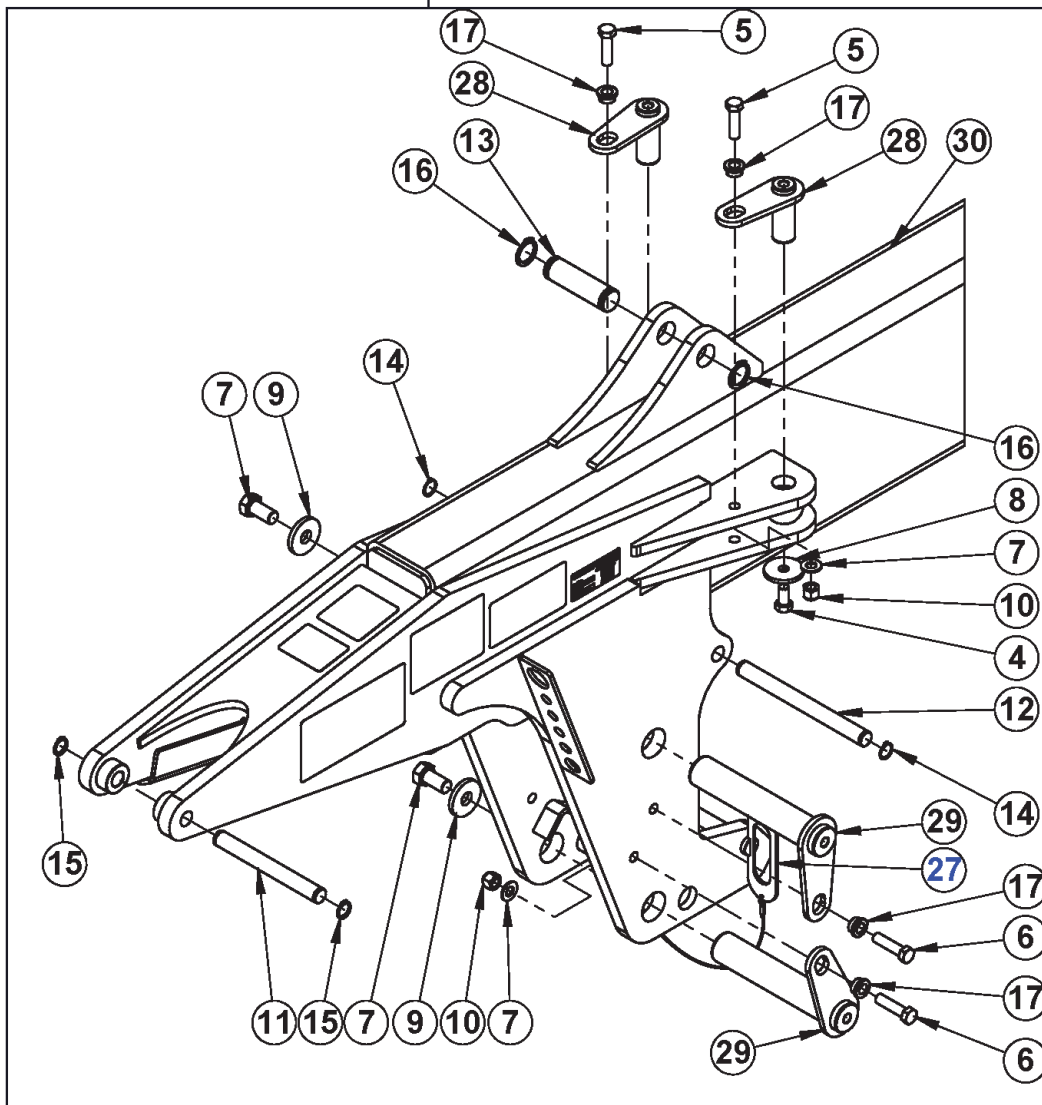
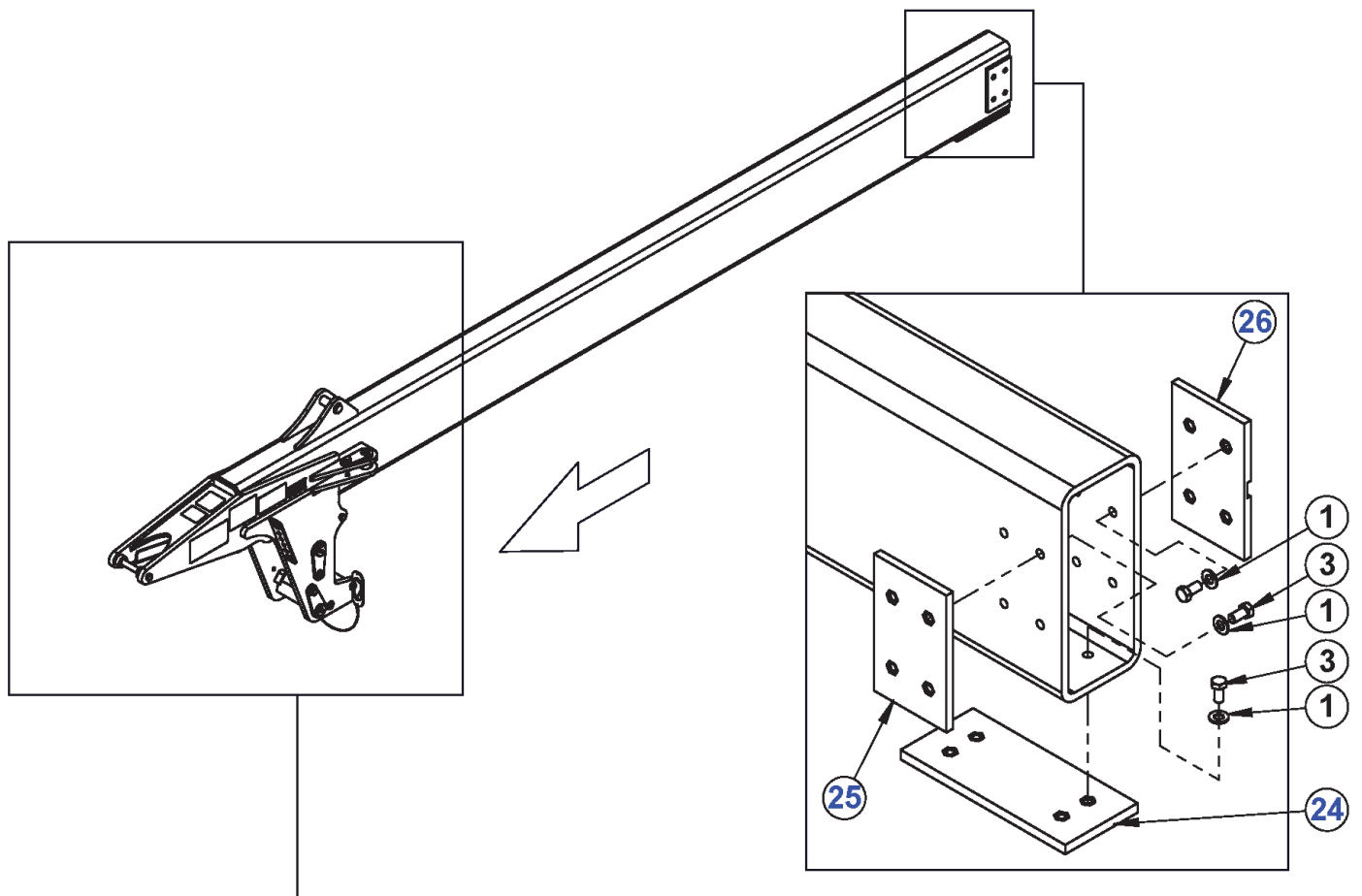
Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



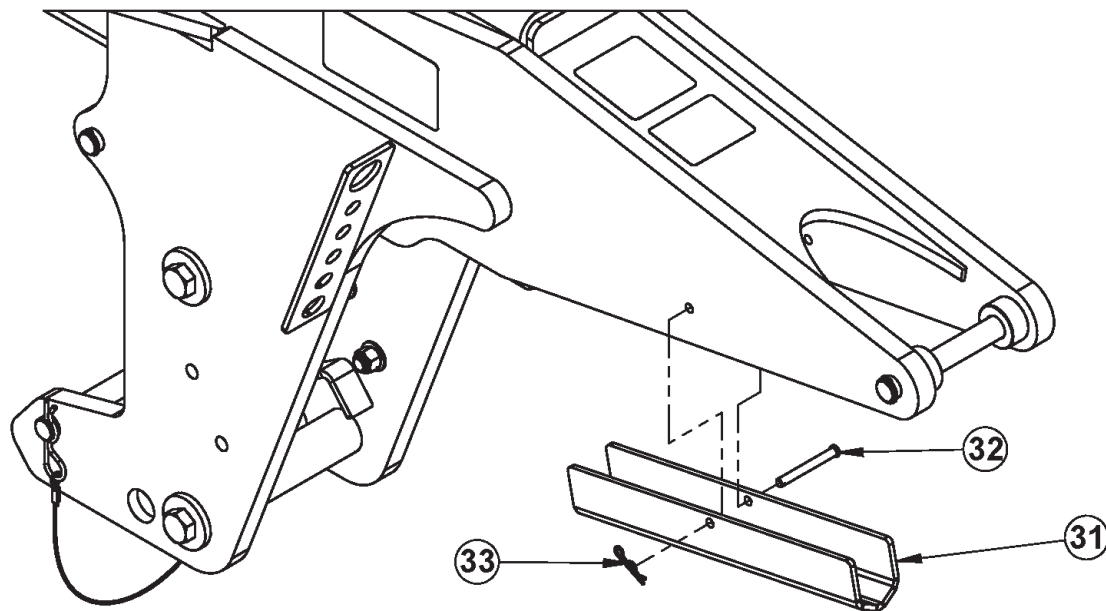
TA01767 Assy, Hyd Lift Front Hitch (Sheet 2 of 2)

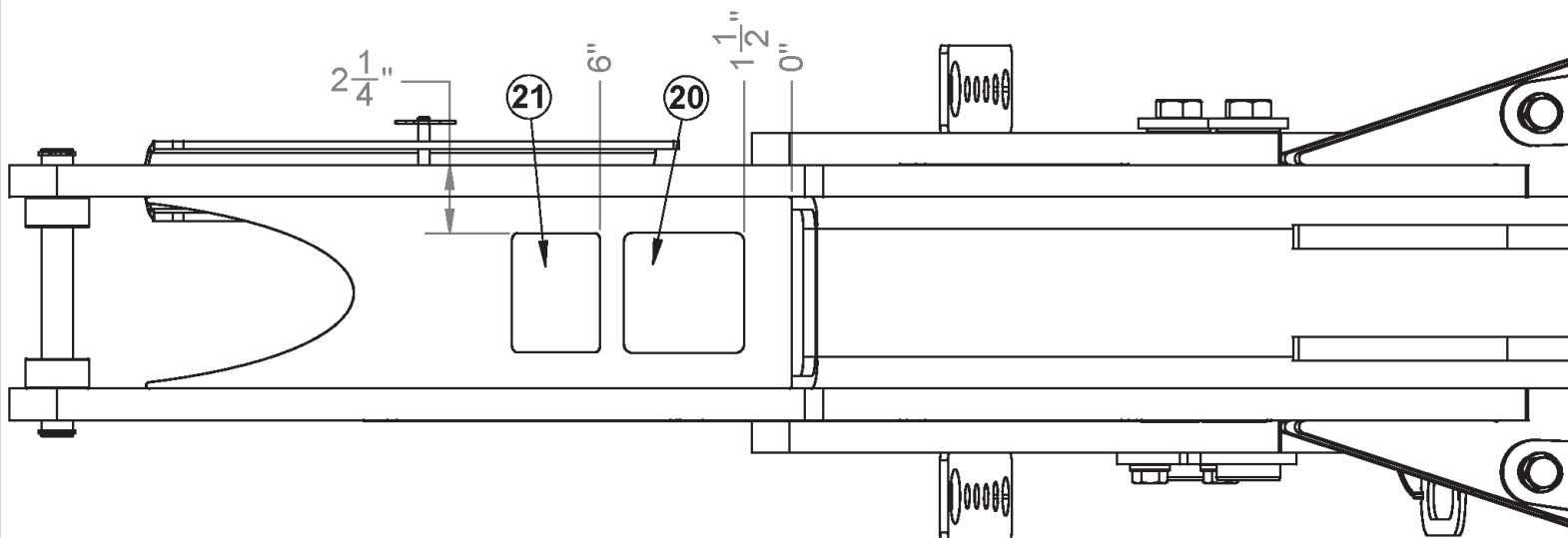
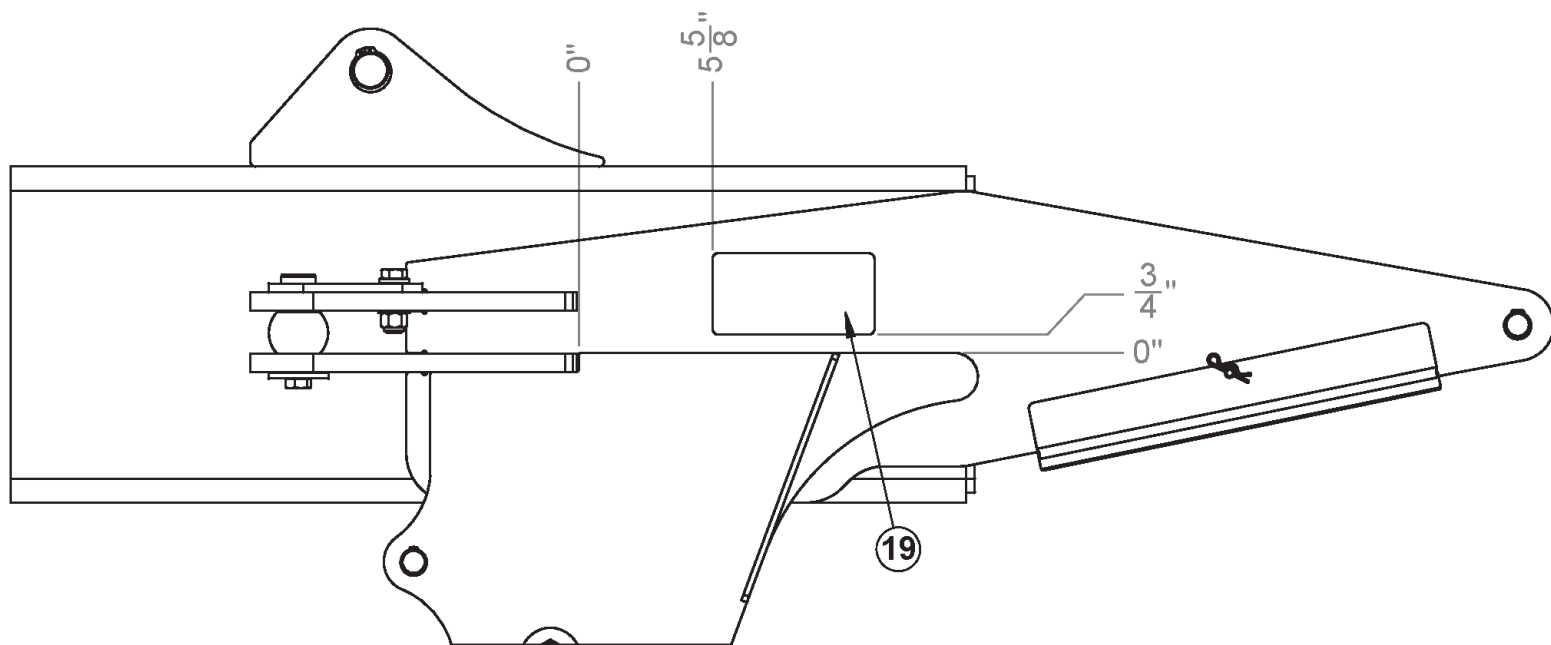
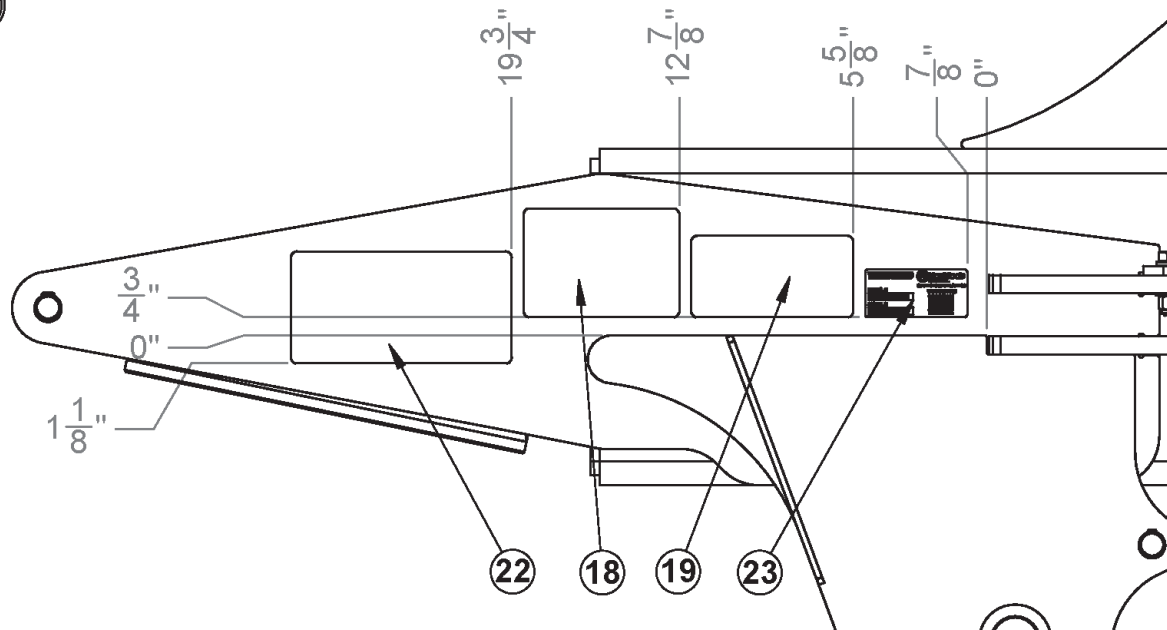
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	AD-08MJ-08MB-.063	ADAPTER 08MJ-08MB .063" Orifice	1	
2	AD-08MJ-08MB-45	ADAPTER 08MJ-08MB 45	3	
4	AD-08MJ-08MB	ADAPTER 08MJ-08MB	9	
5	AD-08MJ-08MJ-08MJ-BHR	ADAPTER 08MJT BH RUN	1	
6	AD-08MJ-08MJ-BH	ADAPTER 08MJ-08MJ BH	5	
7	AD-08MJ-08MJ-BH90	ADAPTER 08MJ-08MJ BH 90	1	
8	AD-12MJ-12MB	ADAPTER 12MJ-12MB	1	
9	AD-12MJ-12MJ-12MJ-BHR	ADAPTER 12MJT BH RUN	1	
10	AD-12MJ-12MJ-BH90	ADAPTER 12MJ-12MJ BH 90	1	
11	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	2	
13	HB-0.375-16X2.25Y8	Bolt, Hex Hd 3/8-16x2-1/4-YZ8	2	
17	T0051595	Decal, Notice-Fan Motor Case	1	
18	T0051660	Tip, 1/2" Pioneer	7	
19	T0051678	Decal, Notice-Motor Return	1	
20	T0052376	Tip, Motor Return w/Relief	1	
21	T0052377	Tip, Case Drain w/Relief	1	
22	T0052386	Dust Plug, Pioneer Black	7	
23	T0052387	Dust Cap, Motor Return Black	1	
24	T0052388	Dust Cap, Case Drain Black	1	
25	T0055084	Tube Assy, Crossover	1	
26	T0055085	Tube Assy, Crossover	1	
27	T0055125	Valve, Double Blocking	1	
36	RN-0.375-16-.31-.44-Y	Rivnut, 3/8-16 UNC .31-.44 GR	2	
37	TA01843	Hose Kit, Hyd Hitch	1	
38	T0055812	Decal, Hose ID Hyd Hitch	1	



TA01768 Assy, Front Hitch

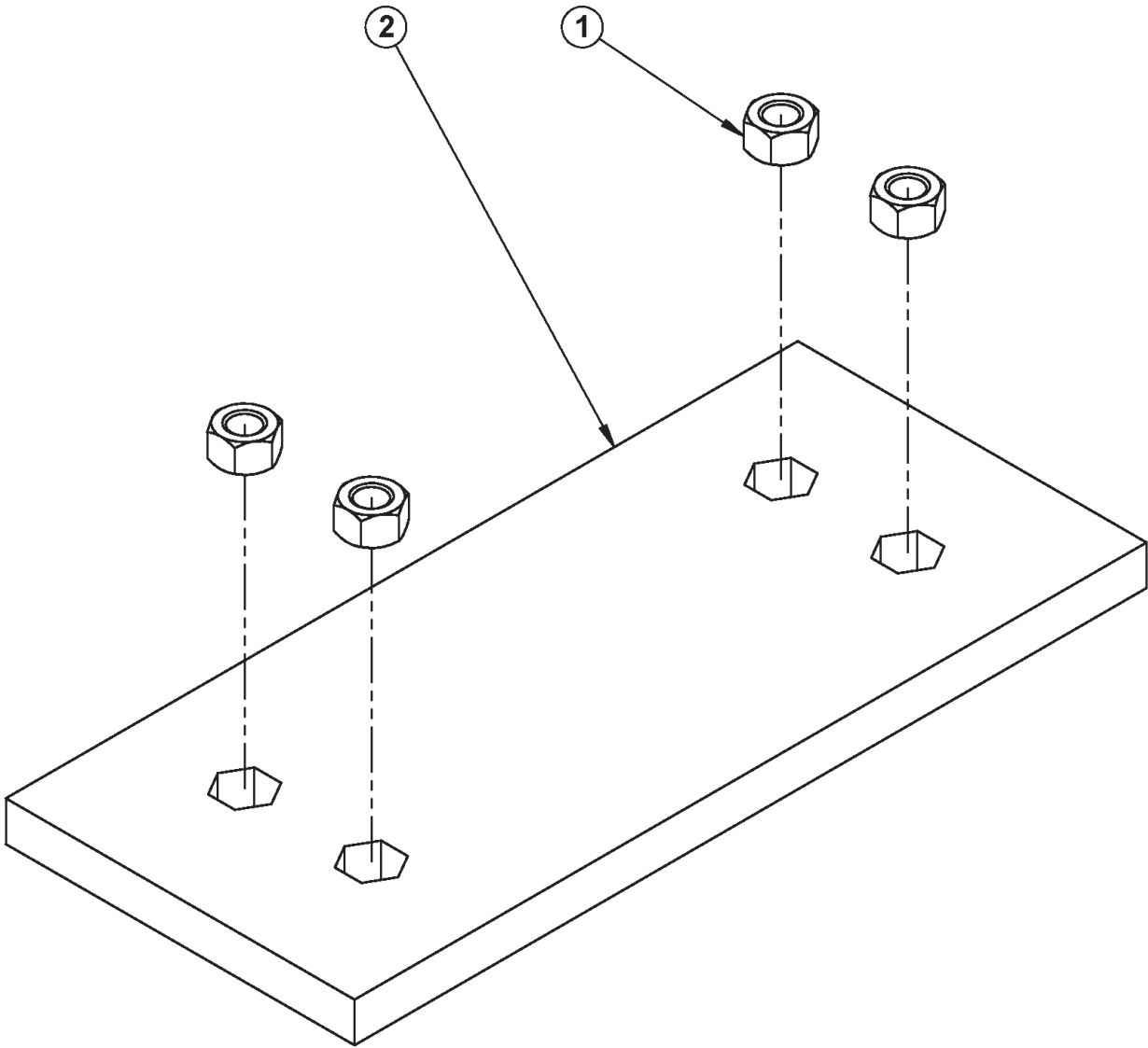
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	12	
7	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	4	
3	HB-0.500-13X1.00Y8	Bolt, Hex Hd 1/2-13x1 YZ8	12	
4	HB-0.625-11X1.25Y8	Bolt, Hex Head-5/8-11x1.25-YZ8	2	
5	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	2	
6	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	2	
7	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	2	
8	HDWSH-0.64X2.50Y	HD Washer 0.64 x 2.50	2	
9	HDWSH-0.89X2.50Y	HD Washer 0.89 x 2.50	2	
10	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	4	
11	PIN-1.000X8.625Y	Pin-1.0000x8.6250-YZ	1	
12	PIN-1.000X10.63Y	Pin-1.0000x10.625-YZ	1	
13	PIN-1.50X4.50Y	Pin-1.50x4.50-YZ	1	
14	SRING-EXT-1.00	Ring, Retaining Ext Shaft-1.0"	2	
15	SRING-EXT-HD-1.00Y	SRING-EXT-HD-1.00Y	2	
16	SRING-EXT-HD-1.50Y	SRING-EXT-HD-1.50Y	2	
17	T0050854	Anti Rotation Insert	4	
18	T0051573	Decal, Warning-Machine Safety	1	
19	T0051575	Decal, Warning-Tipping Hazard	2	
20	T0051669	Decal, Warning-Hyd Fluid	1	
21	T0051702	Decal, Important-Case Drain	1	
22	T0053462	Decal, Warning-Machine Transp	1	
23	T0055737	Decal, S/N Yieldtrac (Generic)	1	
24	TA00800	Slider Assembly	1	
25	TA00801	Assy, Slider	1	
26	TA00843	Assy, Slider	1	
27	TA01514	Assy, Hitch Pin With Lanyard	1	
28	TW000630	Pin Weldment	2	
29	TW000950	Pin Weldment	2	
30	TW001381	Wldmt, Front Hitch	1	
31	T0055769	Channel, Transport Lock	1	
32	CLPIN-0.375X3.25Y	Clevis Pin, Ø3/8" X 3-1/4 YZ	1	
33	HPINCLIP-0.313 YZ	Hair Pin Clip-Ø5/16" YZ	1	





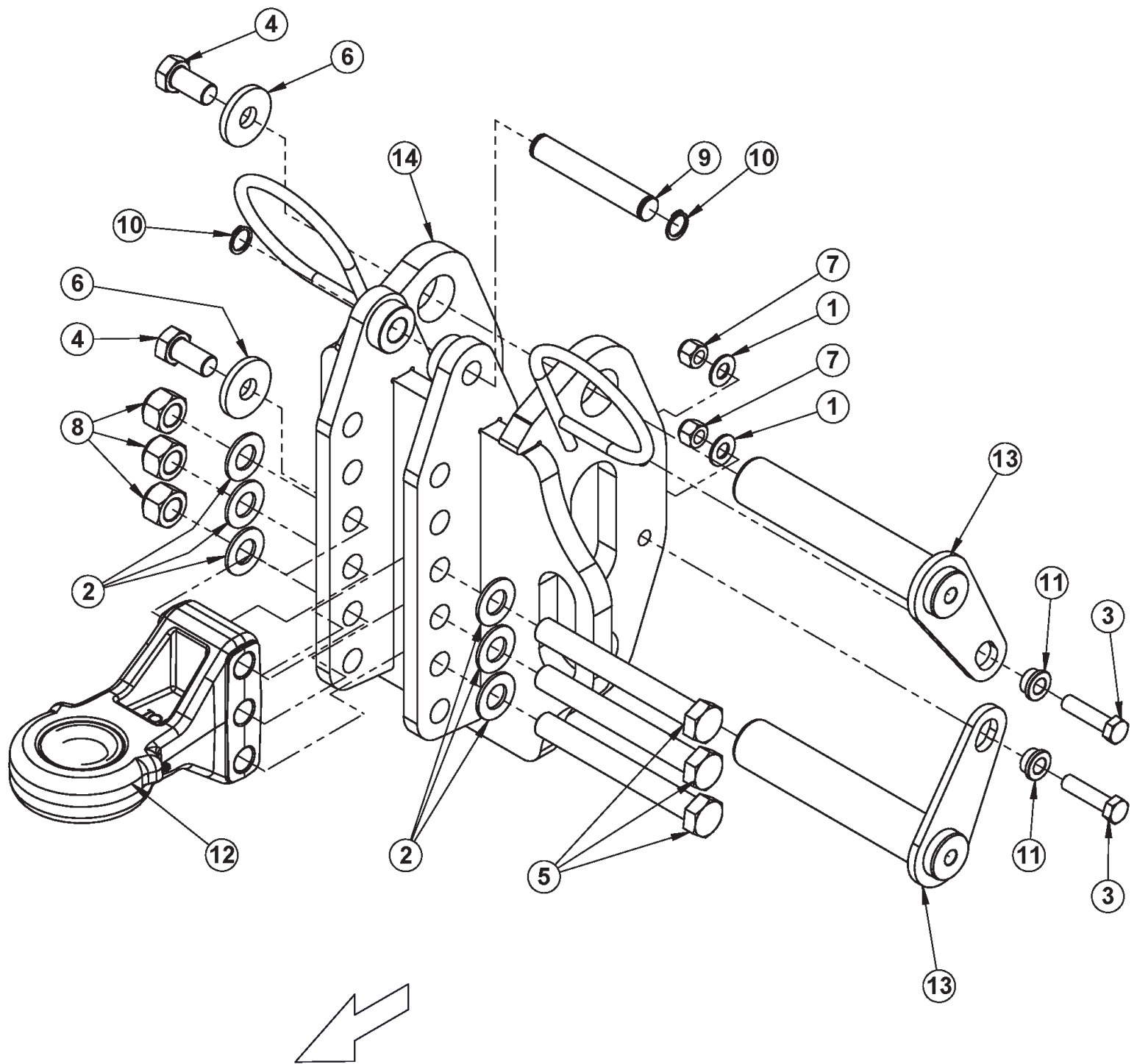
TA01768 Assy, Front Hitch

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
18	T0051573	Decal, Warning-Machine Safety	1	
19	T0051575	Decal, Warning-Tipping Hazard	2	
20	T0051669	Decal, Warning-Hyd Fluid	1	
21	T0051702	Decal, Important-Case Drain	1	
22	T0053462	Decal, Warning-Machine Transp	1	
23	T0055737	Decal, S/N Yieldtrac (Generic)	1	



TA00800 Slider Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	HNUT-0.500-13Y8	Nut, Hex 1/2-13 YZ8	4	
2	T0052284	Pad, Slider	1	

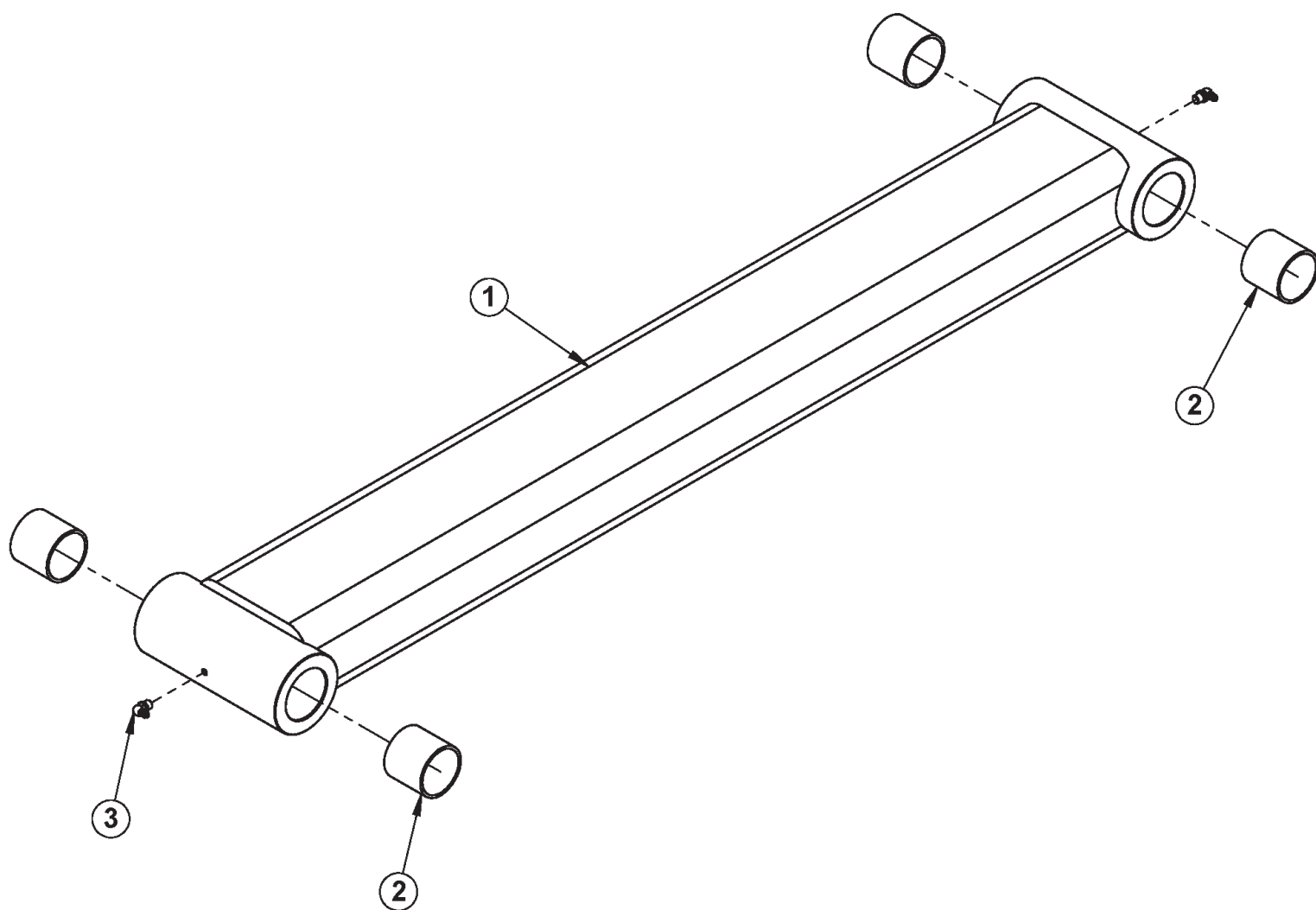


TA01511 Assy, Hitch

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	2	
2	FW-SAE-1.000Y	Washer, Flat SAE 1 YZ	6	
3	HB-0.625-11X2.50Y8	Bolt, Hex Hd 5/8-11x2-1/2 YZ8	2	
4	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4 YZ8	2	
5	HB-1.000-8X8.50Y8	Bolt, Hex Hd 1-8x8-1/2 YZ8	3	
6	HDWSH-0.89X2.50Y	HD Washer, 57/64x2-1/2 YZ	2	
7	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	2	
8	NLNUT-1.000-8Y8	Nylon Lock Nut, 1-8 YZ8	3	
9	PIN-1.000X5.75Y	Pin, 1x5-3/4 YZ	1	
10	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	2	
11	T0050854	Anti Rotation Insert	2	
12	T0055173	Hitch. CAT 4 3-Hole (Option)	1	
12	T0053463	CAT 5 Ball Hitch Assy (Option)	1	
13	TW000950	Pin Weldment	2	
14	TW001252	Wldmt, Front Hitch	1	

Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.

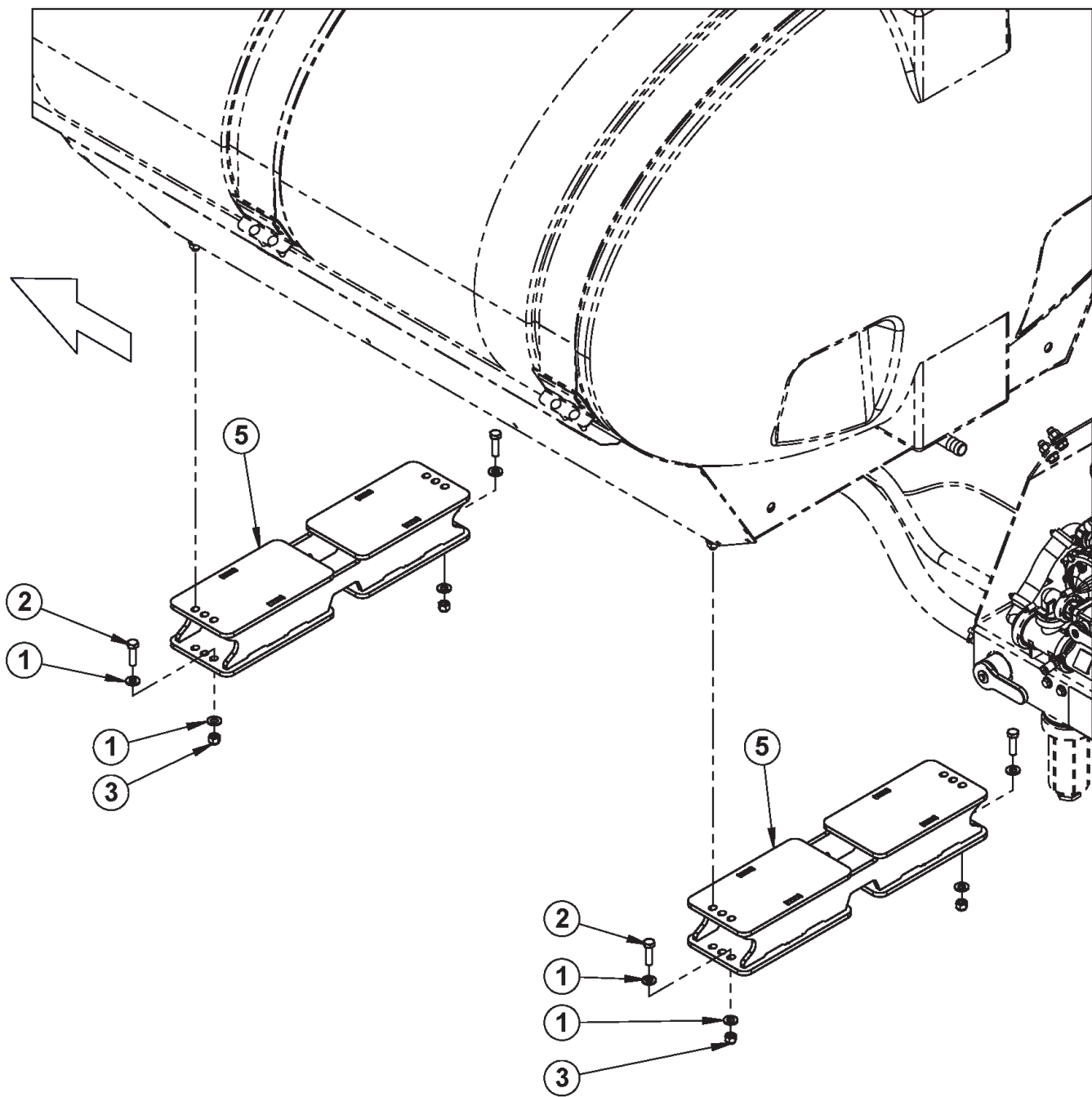


TA01513 Assy, Pivot Tube

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TW001246	Wdmt, Front Hitch Parallel Arm	1	
2	PB-2.000X2.25X2.00	Polylube Bush, Ø2.00xØ2.25x2.00	4	
3	ZERK-0.250-28X90	Zerk, Grease 1/4-28x90 Deg	2	

Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified).
2. * Items marked with an asterisk are items that are included in that particular part or assembly.

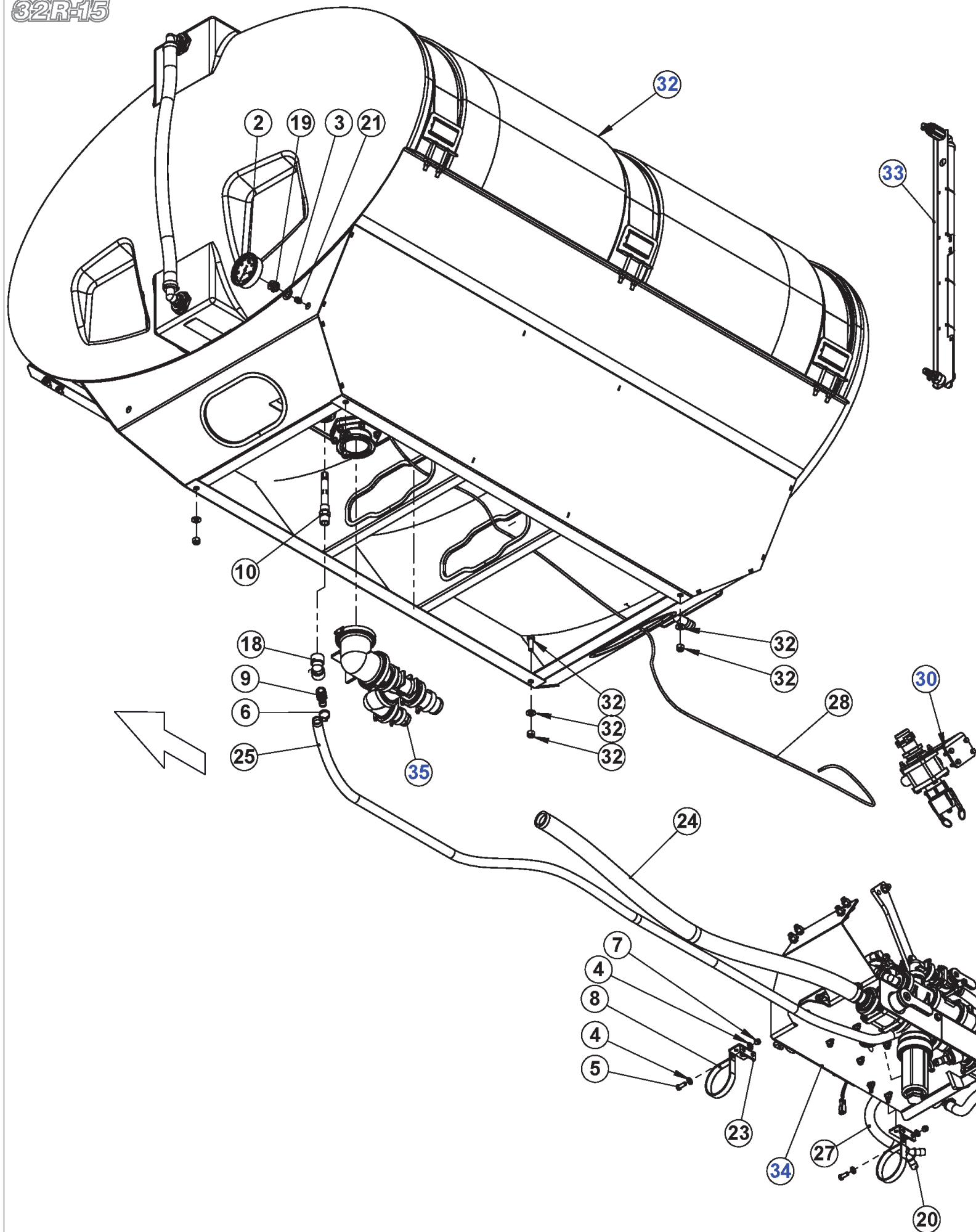


TA01873 Assy, 32R15 Tank Risers

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	8	
2	HB-0.500-13X1.75Y8	Bolt, Hex Hd 1/2-13x1-3/4 YZ8	4	
3	NLNUT-0.500-13Y8	Nut, Nylock 1/2-13 YZ8	4	
4	TA01853	Assy, Liquid Fert System 750Ga/2" Fill	1	
5	TW001411	Wldmt, Tank Riser	2	

Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.

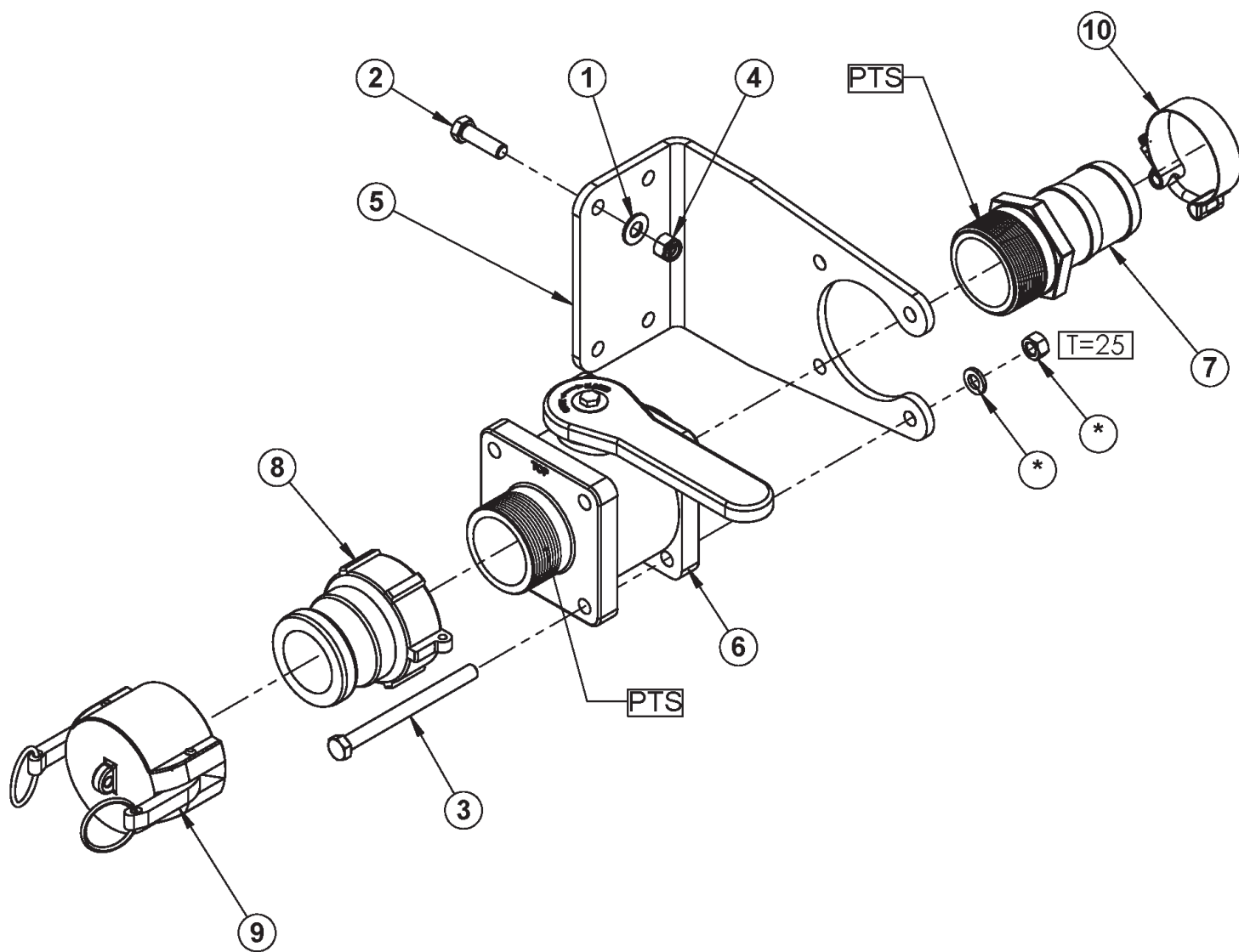


TA01853 Assy, Liquid Fert System 750Ga/2" Fill

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	47525135	Fertzr, 24 Row w/30GPM Sq Pmp	1	
2	86990418	Gauge, Pressure 4" SS 0-100PSI	1	
3	FW-DIN 125-M18C	Washer, FI Din 125 M18-CZ	1	
4	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	4	
5	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	2	
6	HCLMP-SAE-12SS	Hose Clamp, SAE #12-SS	6	
7	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	2	
8	PCLMP-4.000x2.56	Clmp, Cus Pipe Ø4x2-9/16	2	
9	T0051512	3/4" MPT x 3/4" HB	1	
10	T0051637	Agitator, Tank	1	
11	T0051640	T-Bolt Clamp 2"	1	
12	T0051674	Hose, 0.38" Spray (per ft)	75	
13	T0051675	Hose, 0.75" Spray (per ft)	60	
14	T0051676	Hose, 1.50" Suction (per ft)	5	
15	T0051677	Hose, 2.00" Suction (per ft)	15	
16	T0051994	Hose, 0.25" Air Line (per ft)	30	
17	T0052304	Hose, 1.00" Spray (per ft)	1	
18	T0052428	Elbow, 3/4FPT X 3/4FPT	1	
19	T0052431	1/4" NPT Bulkhead Coupling	1	
20	T0052445	3/4" Hose Barb Wye	2	
21	T0052452	Adaptor 1/4" PTC to 1/4 MPT	1	
22	T0053635	Gasket, Univ Flanged 3.0" EPDM	1	
23	T0053651	Brkt, Suction Tube	2	
24	T0053654	Hose, Suction Ø1.50x51"	1	
25	T0053655	Hose, Ag Spray 200 Ø3/4x94"	1	
26	T0053656	Hose, Ag Spray 200 Ø3/4x25	1	
27	T0053657	Hose, Ag Spray 200 Ø3/4x33	1	
28	T0053658	Hose, Airline Ø1/4x132"	1	
29	T0053845	U-Trim, 3/16x17/32 (per ft)	12	
30	TA00693	Assy, Liquid Fert Mount	1	
31	TA00882	Hose Kit, Fertilizer Control	1	
32	TA01002	Assy, 750 Gal Tank and Base	1	
33	TA01541	Assy, Rear Liq Fert Sight Gauge	1	
34	TA01805	Assy, Fertilizer Pump Mount	1	
35	TA01847	Assy, Sump Fill 750 Elliptical	1	

Note:

1. [T=XXX] = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.

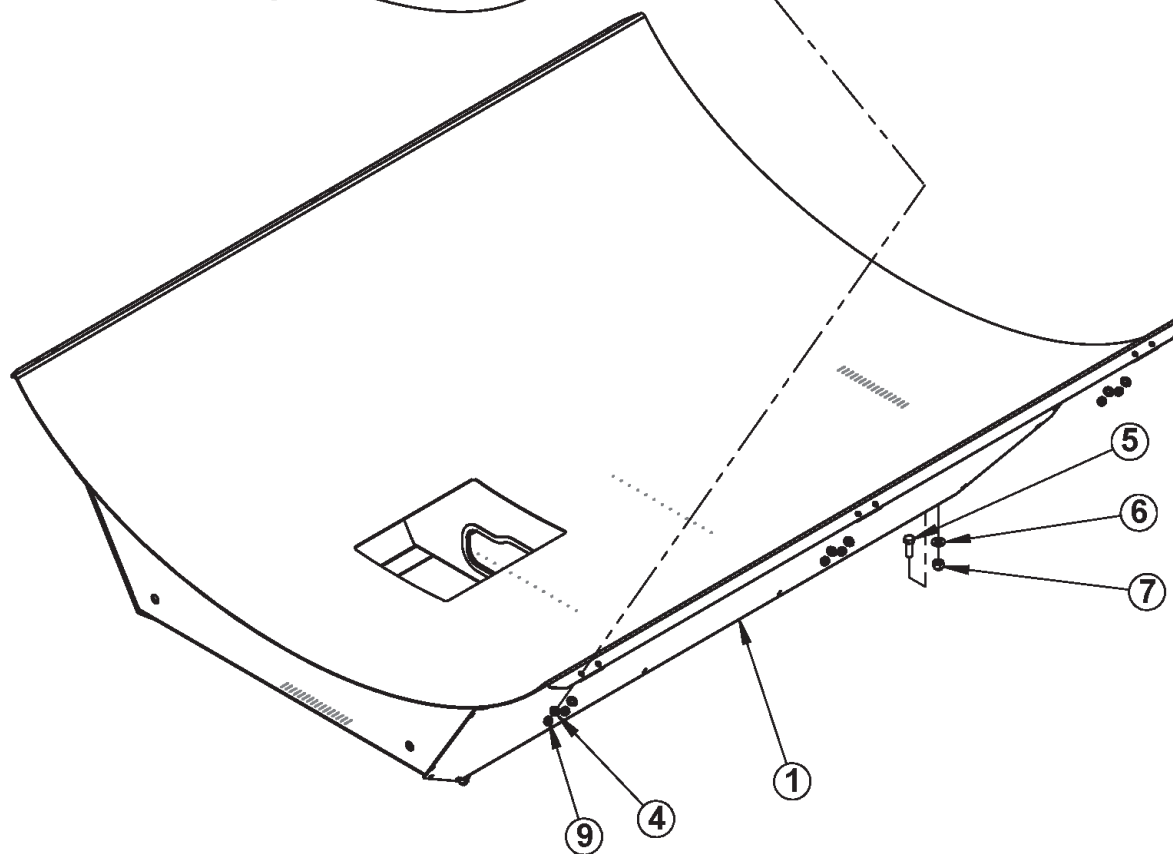
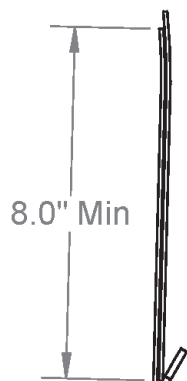
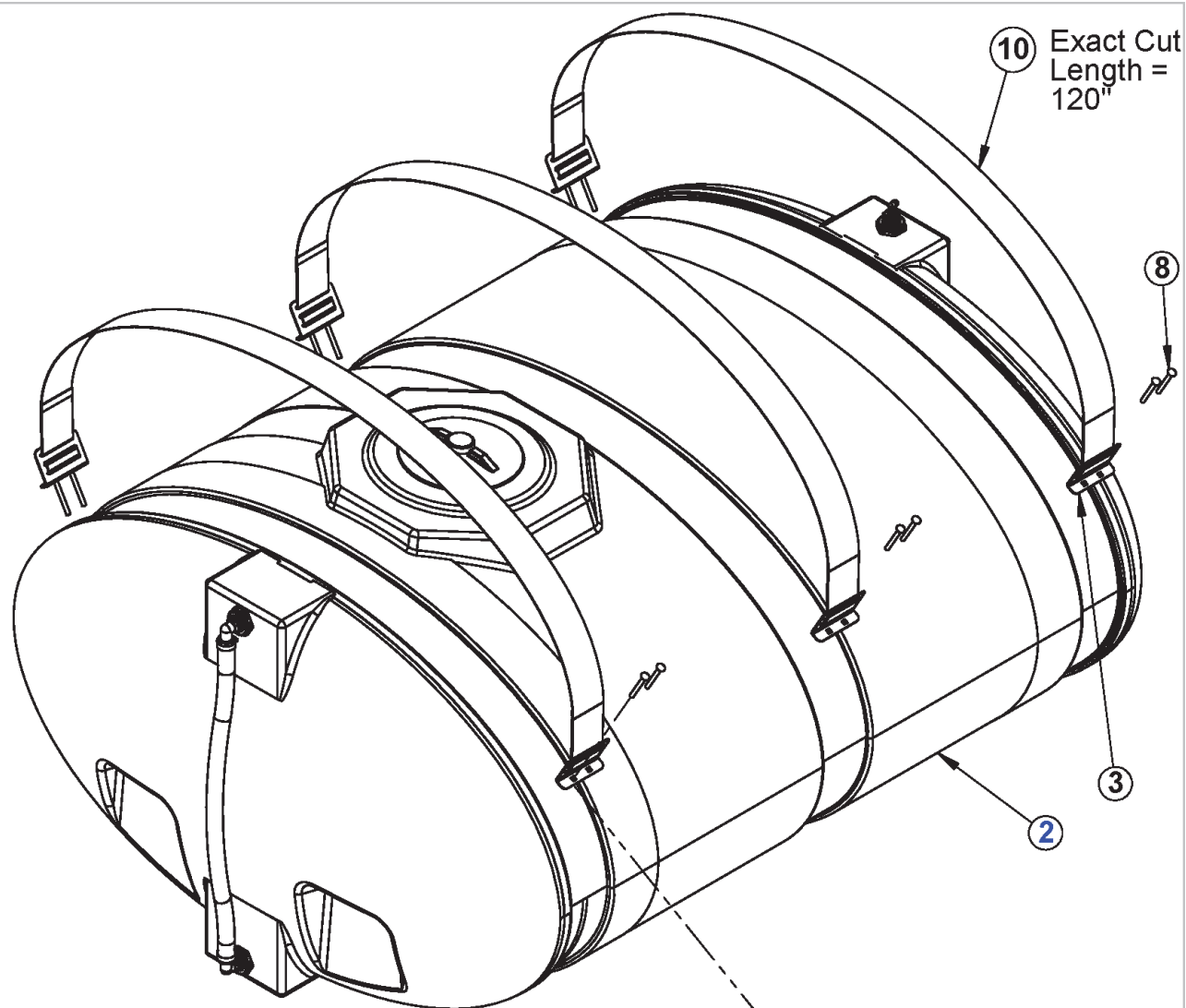


TA00693 Assy, Liquid Fert Mount

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE
1	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	4	
2	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	4	
3	HB-0.375-16X4.50SS	Bolt, Hex Hd 3/8-16x4-1/2-SS	4	
4	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	4	
5	T0050611	Liquid Fertilizer Fill Valve Mt	1	
6	T0051513	Valve, Ball 2" Full Port	1	
7	T0051514	2" MPT x 2" HB	1	
8	T0051515	2" Male Adaptor FPT	1	
9	T0051516	Cap 2"	1	
10	T0051639	T-Bolt Clamp 2.5"	1	

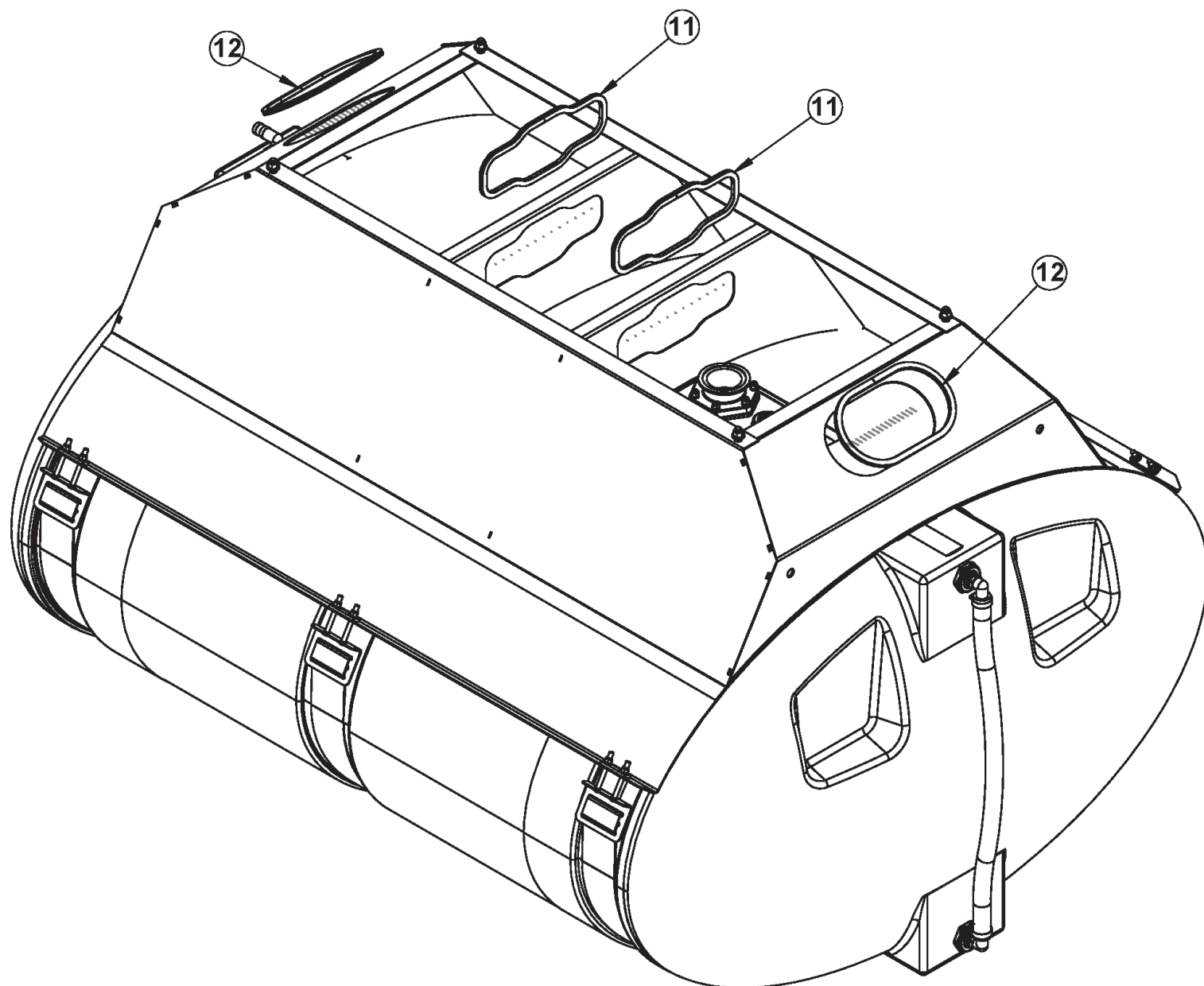
Note:**T** = Torque Expressed in-lbs**PTS**= Apply Pipe Thread Sealant, use Rectorseal #21 or equivalent.

* Items marked with an asterisk, are included with P/N T0051513.

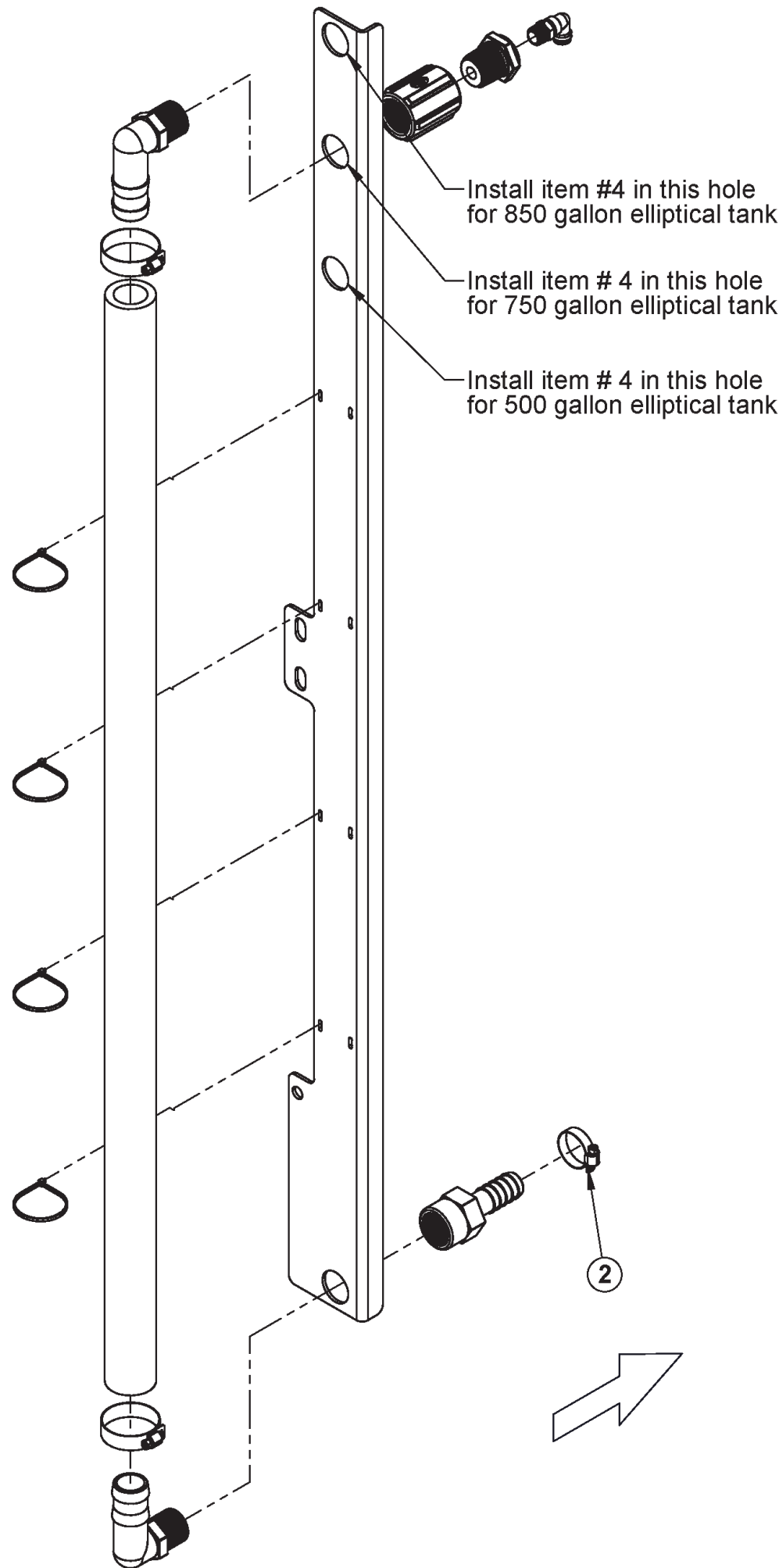


TA01002 Assy, 750 Gal Tank and Base

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW000937	Tank Base, 750GA Fertilizer	1	
2	TA01004	Assy, Fert Tank 750 Gal	1	
3	T0053517	Brkt, Tank Strap	6	
4	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	12	
5	HB-0.500-13X1.50Y8	Bolt, Hex Hd 1/2-13x1-1/2 YZ8	4	
6	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	4	
7	NLNUT-0.500-13Y8	Nut, Nylock 1/2-13 YZ8	4	
8	CB-0.375-16X4.00C5	Bolt, RHSN 3/8-16x4-CZ5	12	
9	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	12	
10	T0055788	Strap, Nylon Tank 4" (per ft)	30	
11	T0053845	U-Trim, 3/16x17/32 (per ft)(34")	6	
12	T0053845	U-Trim, 3/16x17/32 (per ft)(30.4")	6	



See Note # 3



TA01541 Assy, Rear Liq Fert Sight Gauge (750 Gallon Elliptical Tank Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	CBLTIE-0.14X5.50	Cable Tie,.14X5.5 1.3MaxBundle	4	
2	HCLMP-SAE-12SS	Hose Clamp, SAE #12-SS	1	
3	HCLMP-SAE-16SS	Clamp, Hose-SAE-#16-SS	2	
4	T0051179	.75" MPT to 1.00" Hose Barb-90	2	
5	T0051642	3/4" FPT x 3/4" Hose Barb SCH 40	1	
6	T0052453	Elbow 1/4" PTC to 1/4" MPT	1	
7	T0055112	Plate, Sight Gauge Bracket	1	
8	T0055115	Hose, Sight Gauge Clear 38.80"	1	
9	T0055120	Fitting, Coupling 3/4"	1	
10	T0055126	Fitting, Reducer Bushing 1/4 X 3/4 MPT	1	

TA01541 Assy, Rear Liq Fert Sight Gauge (500 Gallon Elliptical Tank Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
8	T0055130	Hose, Sight Gauge Clear 34.45"	1	

** All parts are the same as above with the exception of the sight tube hose.

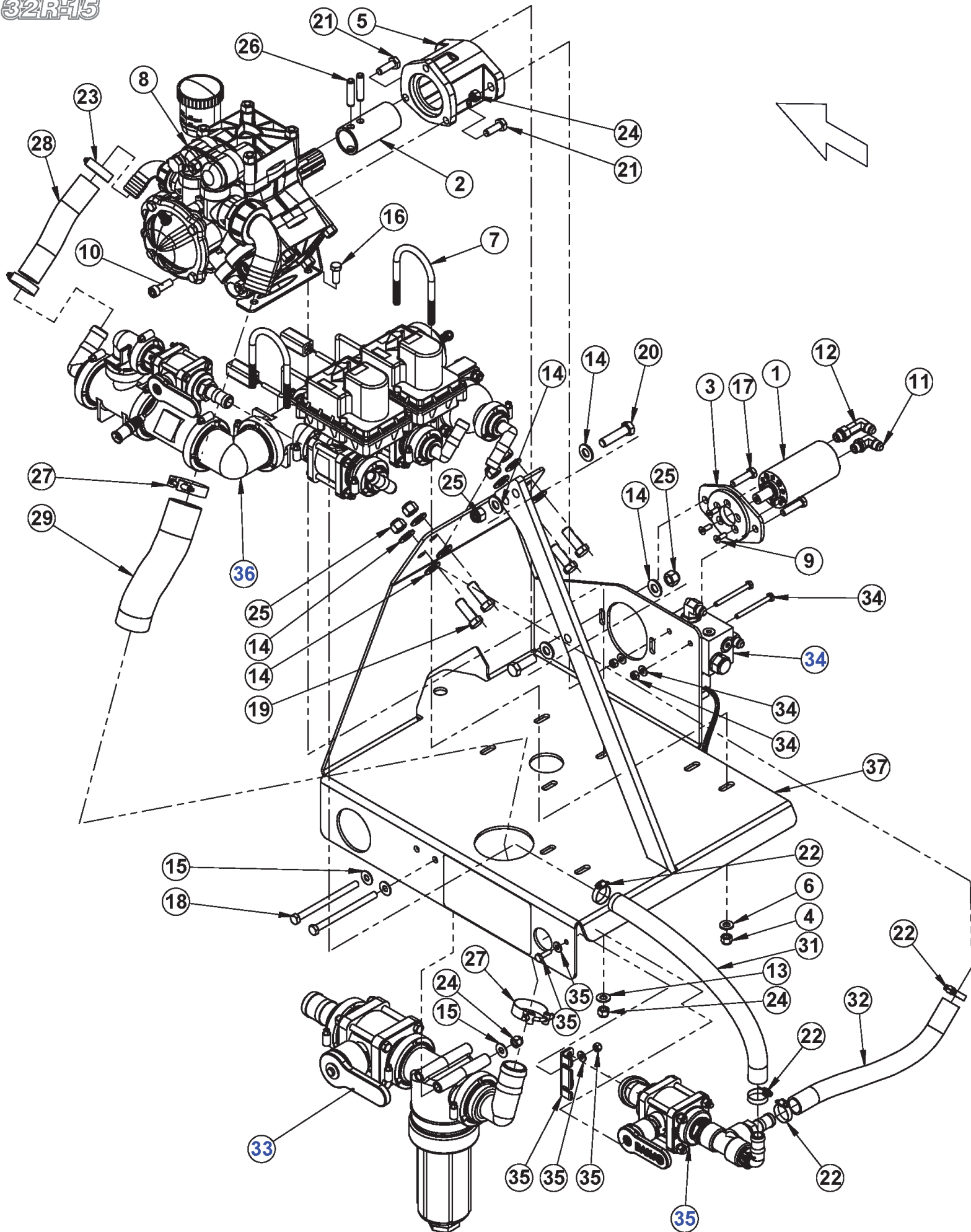
TA01541 Assy, Rear Liq Fert Sight Gauge (850 Gallon Elliptical Tank Option)

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
8	T0056082	Hose, Sight Gauge Clear 42.80"	1	

** All parts are the same as above with the exception of the sight tube hose.

Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.
3. Cut clear hose to length of 38.80" for 750 Elliptical Tank, 34.45" for 500 Elliptical Tank, and 42.80" for 850 Elliptical Tank.

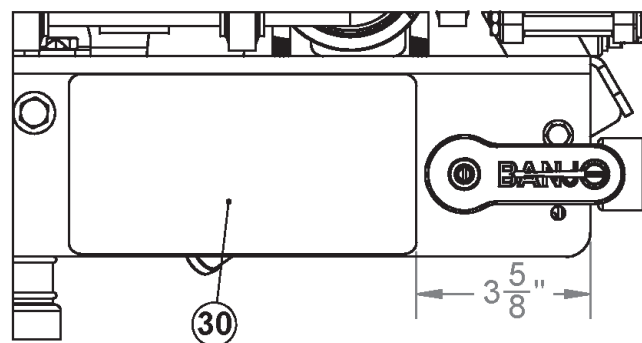


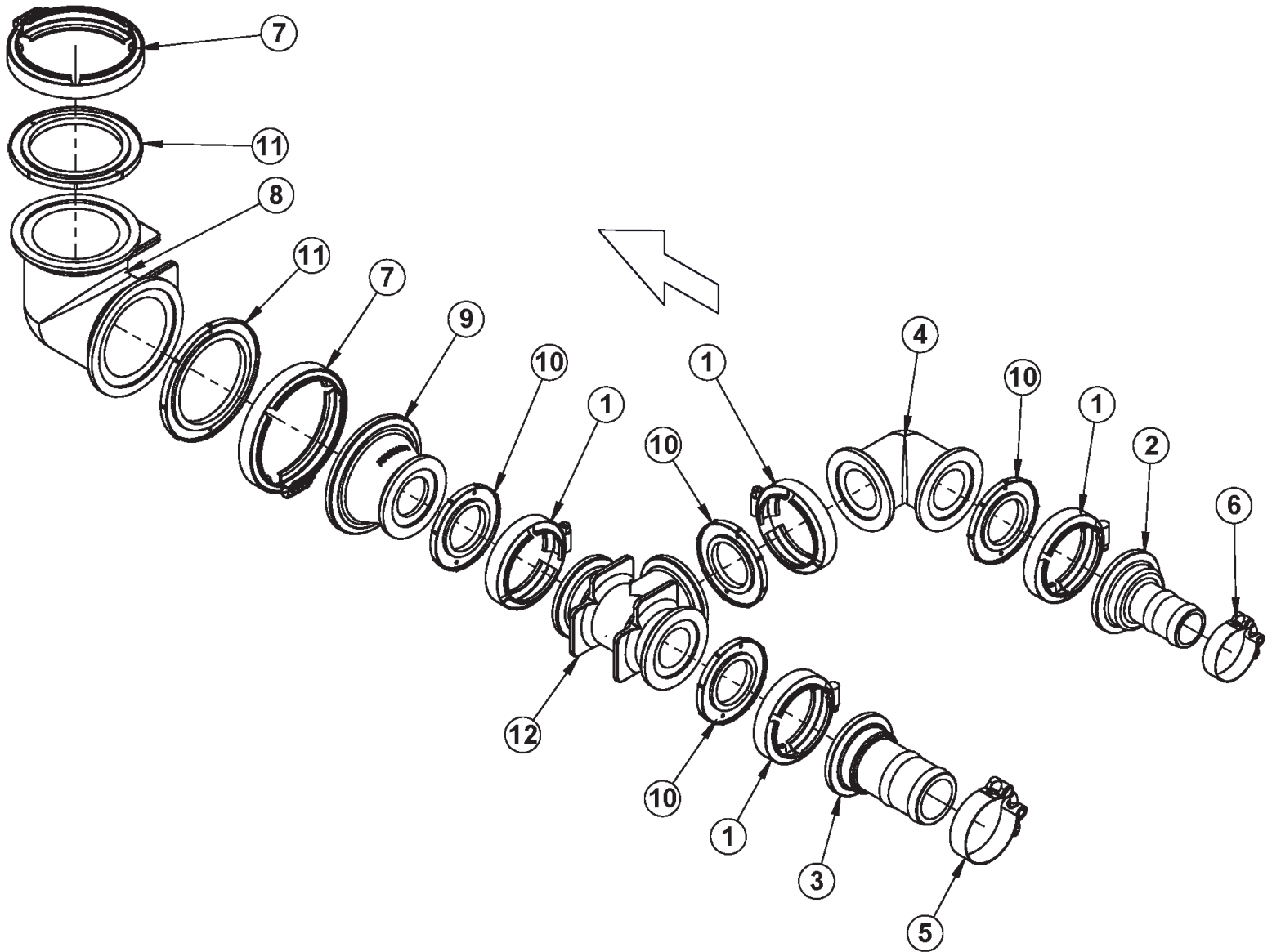
TA01805 Assy, Fertilizer Pump Mount

	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	284797A1	Motor, 19.8CM ³ Disp Fert Drive	1	
2	400299A2	Coupling, Pump Motor	1	
3	400300A1	Flange, Mounting YZ	1	
4	86985855	Nut, Nylock 3/8-16 SS	4	
5	86990284	Flange, Motor Mounting	1	
6	87016	Washer	4	
7	87413269	UBolt-0.3750x3.00x3.63-RB-SS	2	
8	87504661	Pump, Liquid Fertilizer	1	
9	87659	FHCSS-0.250-28x0.75-B	3	
10	9832986	Screw, Hex Soc Hd, M10x30, 8.8	1	
11	AD-06MJ-06MB-90	ADAPTER 06MJ-06MB 90	1	
12	AD-06MJ-06MB-90LL	ADAPTER 06MJ-06MB 90LL	1	
13	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	4	
14	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	12	
15	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	4	
16	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	4	
17	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	2	
18	HB-0.375-16X5.00Y8	Bolt, Hex Hd-3/8-16x5-YZ8	2	
19	HB-0.500-13X1.50Y8	Bolt, Hex Hd 1/2-13x1-1/2 YZ8	5	
20	HB-0.500-13X2.00Y8	Bolt, Hex Hd 1/2-13x2 YZ8	1	
21	HB-M10-1.5x30-Y10.9	HBolt-M10-1.5x30-YZ10.9	2	
22	HCLMP-SAE-12SS	Hose Clamp, SAE #12-SS	4	
23	HCLMP-SAE-16SS	Clamp, Hose-SAE-#16-SS	2	
24	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	8	
25	NLNUT-0.500-13Y8	Nut, Nylock 1/2-13 YZ8	6	
26	RPIN-M10X45	Pin, Spring M10x45	2	
27	T0051640	T-Bolt Clamp 2"	2	
28	T0052449	Hose, AgSpray 300 Ø1X8	1	
29	T0052451	Hose, 1.50" x 9" Suction	1	
30	T0053597	Decal, Warn-Chem Haz & Info	1	
31	T0053600	Hose, AgSpray 200 Ø3/4x15-1/2	1	
32	T0053601	Hose, AgSpray 200 Ø3/4x12	1	
33	TA00832	Assy, Filter, Valve Sub	1	
34	TA00833	Assy, Control Valve	1	
35	TA01035	Assy, Secondary Tank Shutoff	1	
36	TA01036	Assy, Fert Pump Valve	1	
37	TW001393	Wldmt, Fertilizer Mount	1	

Note:

1. [T=XXX] = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.
3. Item # 28 is cut to length from P/N T0052304.
4. Item # 29 is cut to length from P/N T0051676.
5. Item # 31 is cut to length from P/N T0051675
6. Item # 32 is cut to length from P/N T0051675



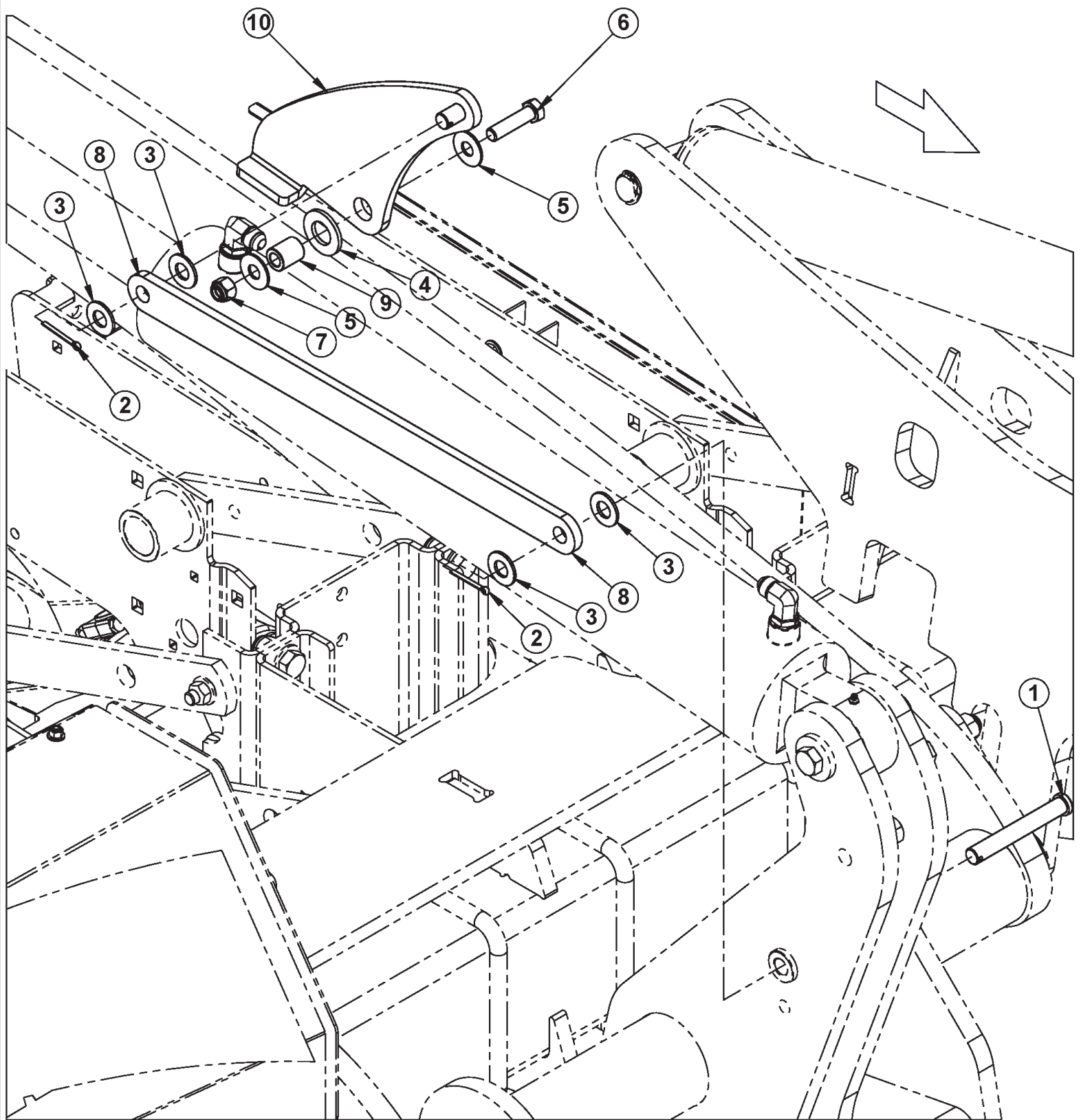


TA01847 Assy, Sump Fill 750 Elliptical

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0051560	Clamp 2" Flange	4	
2	T0051598	Fitting, 2" Flange x 1.5" HB	1	
3	T0051612	2" Flange x 2" HB	1	
4	T0051614	2" x 2" 90 deg Flange	1	
5	T0051639	T-Bolt Clamp 2.5"	1	
6	T0051640	T-Bolt Clamp 2"	1	
7	T0053408	Clamp, 3" Hi Torque	2	
8	T0053421	Coupling, 3" Manifold X 90 Deg	1	
9	T0053424	Ftng, M300 X M200 Coupling	1	
10	T0053630	Gasket, Univ Flanged 1.5" EPDM	4	
11	T0053635	Gasket, Univ Flanged 3.0" EPDM	2	
12	T0055110	Fitting, Manifold Tee, 2"	1	

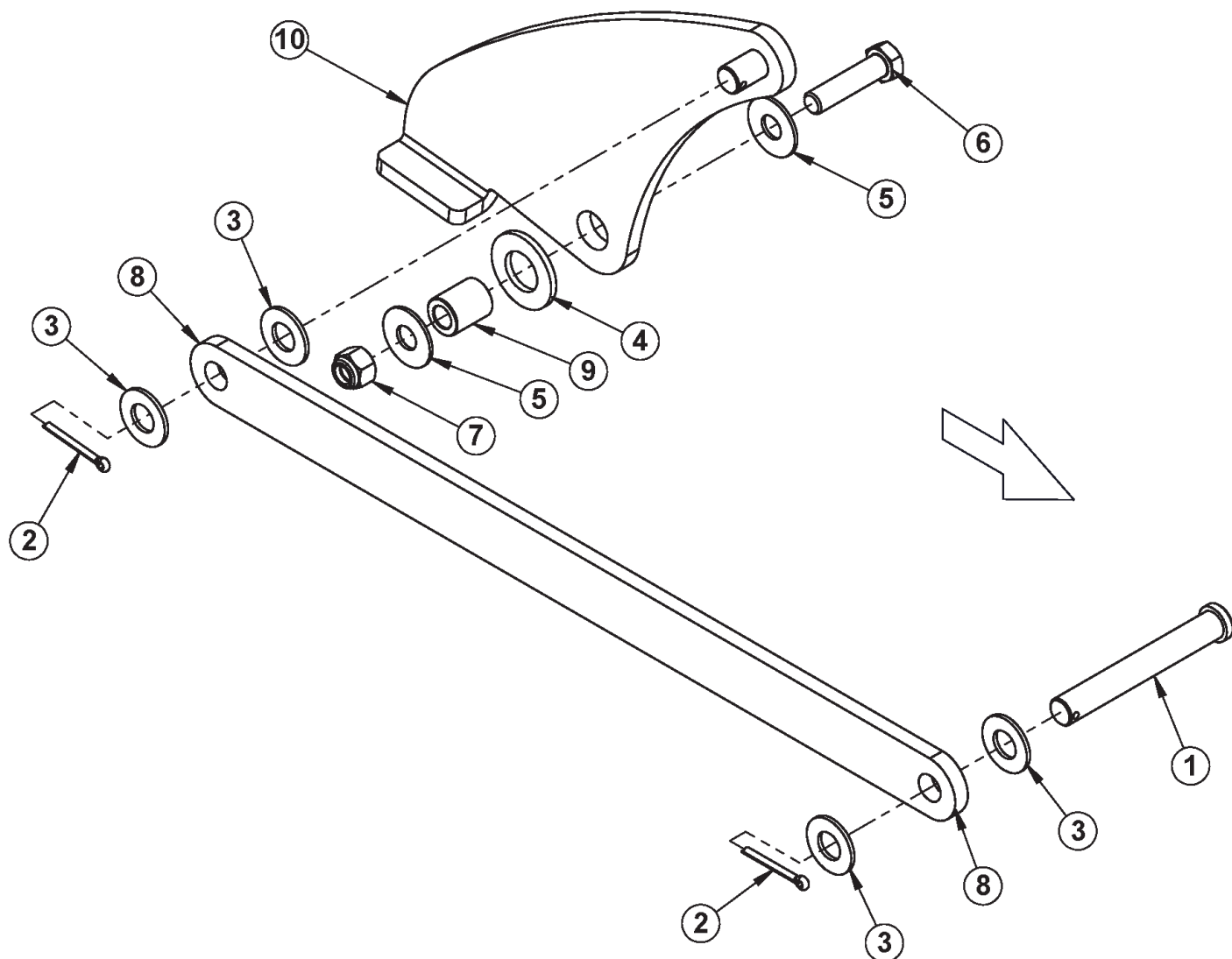
Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified).
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



TA01871 32R Row Unit Lift Kit

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	CLPIN-0.625X4.50C	Clevis Pin, 5/8" x 4.5"	1	
2	CTPIN-0.156X1.50	COTTERPIN 5/32 X 1-1/2	2	
3	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	4	
4	FW-SAE-0.875Y	FW-SAE-0.875-YZ	1	
5	FW-USS-0.500Y	FW USS 0.500-YZ	2	
6	HB-0.500-13X2.00Y8	Bolt, Hex Hd 1/2-13x2 YZ8	1	
7	NLNUT-0.500-13Y8	Nut, Nylock 1/2-13 YZ8	1	
8	T0054070	Lift Kit Linkage	1	
9	T0054225	Bushing, Row Unit Lift	1	
10	TW001074	RUL Brkt Right 48R	1	



Note:

1. [T=XXX] = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.

- 15
- 8
- 7
- 17
- 6
- 5
- 11
- 4
- 3
- 9
- 2
- 1

- 17
- 25
- 26
- 19
- 27
- 28
- 21
- 29
- 30
- 23
- 31
- 32

30.0"
Cut Length

T0055865 Fertilizer & Seed Hose Routing Thru Hangers

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	T0052445	Fertilizer & Seed Hose Routing Thru Hangers	1
2	HClamp-SAE-12-SS	36R22 Fertilizer & Seed Tube Routing	12
3	T0052573	Seed Hose Hanger, Middle Fr	4
4	T0052571	Seed Hose Hanger, Stub Arm	2
5	T0052572	Seed Hose Hanger, Middle	4
6	T0052450	Guide, Hose Seed Tube Cen Fr	2
7	T0052569	J-Hanger, Double	4
8	T0052570	J Hanger, Double Straight	2
9	T0052781	Hose, AgSpray 200 Ø3/4x30	1
10	T0052780	Hose, AgSpray 200 Ø3/4x30	1
11	T0052782	Hose, AgSpray 200 Ø3/4x141	2
12	T0052783	Hose, AgSpray 200 Ø3/4x101	1
13	T0052784	Hose, AgSpray 200 Ø3/4x134	1

Note:

1. Items 9, 10, 11, 12, & 13 use part number T0051675 Hose-0.75" Spray (100' Roll), or CNH P/N 86993466

These values
need to be
determined at
time of
installation

- These values need to be determined at time of installation

Note: Final Lengths Shown for PP Meters

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Metric International Standards Organization (ISO) Fastener Torque

Use these torques, unless special torques are specified. Values are for coarse thread fasteners, plated or unplated, as received from supplier. Fasteners can be dry or lubricated with normal engine oil. Values do not apply if graphite, molydisulphide or other extreme pressure lubricant is used.

ISO Class No.	8.8				10.9				12.9			
Bolt Head Identification (See Note below.)												
Bolt Size	ft-lbs		Nm		ft-lbs		Nm		ft-lbs		Nm	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
M4	2	3	3	4	3	4	4	5	Because of the low ductility of these fasteners, the torque range is to be determined individually for each application. As a general rule, the torque ranges specified for Grade 10.9 fasteners can be used satisfactorily on 12.9 fasteners.			
M5	5	6	7	8	7	8.0	10	11				
M6	8	9	11	12	11	13	15	18				
M8	19	23	26	31	27	32	37	43				
M10	38	45	52	61	54	64	73	87				
M12	66	79	90	107	93	112	125	150				
M14	106	127	144	172	149	179	200	245				
M16	160	200	217	271	230	280	310	380				
M20	320	380	434	515	450	540	610	730				
M24	500	600	675	815	780	940	1050	1275				
M30	920	1100	1250	1500	1470	1770	2000	2400				
M36	1600	1950	2175	2600	2580	3090	3500	4200				

Notes: Bolt head identification marks as per grade. Manufacturing marks will vary.

CONVERSION CHART											
Inch Fractions and Decimals to Millimeter Equivalents											
Inches		MM	Inches		MM	Inches		MM	Inches		MM
Fraction	Decimal		Fraction	Decimal		Fraction	Decimal		Fraction	Decimal	
-	0.0004	0.01	-	0.3	7.62	-	0.7874	20	-	1.969	50
-	0.001	0.025	5/16	0.3125	7.938	51/64	0.7969	20.241	2	2	50.8
-	0.0039	0.1	-	0.315	8	13/16	0.8125	20.638	2-1/8	2.125	54
-	0.005	0.127	21/64	0.3281	8.334	-	0.8268	21	-	2.165	55
-	0.0079	0.2	-	0.3346	8.5	53/64	0.8281	21.034	2-1/4	2.25	57.2
-	0.0098	0.25	11/32	0.3438	8.731	27/32	0.8438	21.431	-	2.362	60
-	0.01	0.254	-	0.3543	9	55/64	0.8594	21.828	2-3/8	2.375	60.3
-	0.0118	0.3	23/64	0.3594	9.128	-	0.8662	22	2-1/2	2.5	63.5
1/64	0.0156	0.397	-	0.374	9.5	7/8	0.875	22.225	-	2.559	65
-	0.0157	0.4	3/8	0.375	9.525	57/64	0.8906	22.622	2-5/8	2.625	66.7
-	0.0197	0.5	25/64	0.3906	9.922	-	0.9	22.86	2-3/4	2.75	69.9
-	0.0236	0.6	-	0.3937	10	-	0.9055	23	-	2.756	70
-	0.025	0.635	-	4	10.16	29/32	0.9063	23.019	2-7/8	2.875	73
-	0.0276	0.7	13/32	0.4062	10.319	59/64	0.9219	23.416	-	2.953	75
-	0.0295	0.75	-	0.4134	10.5	15/16	0.9375	23.813	3	3	76.2
1/32	0.0313	0.794	27/64	0.4219	10.716	-	0.9449	24	-	3.15	80
-	0.0315	0.8	-	0.4331	11	61/64	0.9531	24.209	3-1/4	3.25	82.6
-	0.0354	0.9	7/16	0.4375	11.113	31/32	0.9688	24.606	-	3.346	85
-	0.0394	1	29/64	0.4531	11.509	-	0.9843	25	3-1/2	3.5	88.9
3/64	0.0469	1.191	15/32	0.4688	11.906	1	1	25.4	-	3.543	90
-	0.0472	1.2	-	0.4724	12	-	1.024	26	-	3.74	95
-	0.05	1.27	31/64	0.4844	12.303	1-1/16	1.062	26.988	3-3/4	3.75	95.3
-	0.0551	1.4	-	0.4921	12.5	-	1.063	27	-	3.937	100
-	0.0591	1.5	1/2	0.5	12.7	-	1.102	28	4	4	101.6
1/16	0.0625	1.588	-	0.5118	13	1-1/8	1.125	28.575	-	4.331	110
-	0.0669	1.7	33/64	0.5156	13.097	-	1.142	29	4-1/2	4.5	114.3
-	0.075	1.905	17/32	0.5326	13.494	-	1.181	30	-	4.724	120
5/64	0.0781	1.984	-	0.5315	13.5	1-3/16	1.188	30.16	5	5	127
-	0.0787	2	35/64	0.5469	13.891	-	1.221	31	-	5.118	130
-	0.0906	2.3	-	0.5512	14	1-1/4	1.25	31.75	5-1/2	5.5	139.7
3/32	0.0938	2.381	9/16	0.5625	14.288	-	1.26	32	-	5.512	140
-	0.0984	2.5	-	0.571	14.5	-	1.299	33	-	5.906	150
-	0.1	2.54	37/64	0.5781	14.684	1-5/16	1.312	33.34	6	6	152.4
-	0.1024	2.6	-	0.5906	15	-	1.339	34	-	6.299	160
7/64	0.1093	2.776	19/32	0.5938	15.081	1-3/8	1.375	34.93	6-1/2	6.5	165.1
-	0.1181	3	-	0.6	15.24	-	1.378	35	7	7	177.8
1/8	0.125	3.175	39/64	0.6094	15.478	-	1.417	36	-	7.087	180
-	0.1378	3.5	-	0.6103	15.5	1-7/16	1.438	36.51	7-1/2	7.5	190.5
9/64	0.1406	3.572	5/8	0.625	15.875	-	1.457	37	-	7.874	200
5/32	0.1563	3.969	-	0.6299	16	-	1.496	38	8	8	203.2
-	0.1575	4	41/64	0.6406	16.272	1-1/2	1.5	38.1	8-1/2	8.5	215.9
11/64	0.1719	4.366	-	0.6496	16.5	-	1.535	39	-	8.661	220
-	0.1772	4.5	21/32	0.6563	16.669	1-9/16	1.562	39.69	9	9	228.6
3/16	0.1875	4.763	-	0.6693	17	-	1.575	40	-	9.449	240
-	0.1969	5	43/64	0.6719	17.066	-	1.614	41	9-1/2	9.5	241.3
-	0.2	5.08	11/16	0.6875	17.463	1-5/8	1.625	41.28	-	9.843	250
13/64	0.2031	5.159	-	0.689	17.5	-	1.654	42	10	10	254
-	0.2165	5.5	-	0.7	17.78	1-11/16	1.688	42.86	-	10.236	260
7/32	0.2188	5.556	45/64	0.7031	17.859	-	1.693	43	11	11	279.4
15/64	0.2344	5.963	-	0.7087	18	-	1.732	44	-	11.024	280
-	0.2362	6	23/32	0.7188	18.256	1-3/4	1.75	44.45	-	11.811	300
1/4	0.25	6.35	-	0.7283	18.5	-	1.772	45	12	12	304.8
-	0.2559	6.5	47/64	0.7344	18.653	-	1.811	46	13	13	330.2
17/64	0.2656	6.747	-	0.748	19	1-13/16	1.813	46.04	-	13.78	350
-	0.2756	7	3/4	0.75	19.05	-	1.85	47	14	14	355.6
9/32	0.2813	7.144	49/64	0.7656	19.447	1-7/8	1.875	47.63	15	15	381
-	0.2953	7.5	-	0.7677	19.5	-	1.89	48	-	15.748	400
19/64	0.2969	7.541	25/32	0.7813	19.844	-	1.929	49	16	16	406.4

