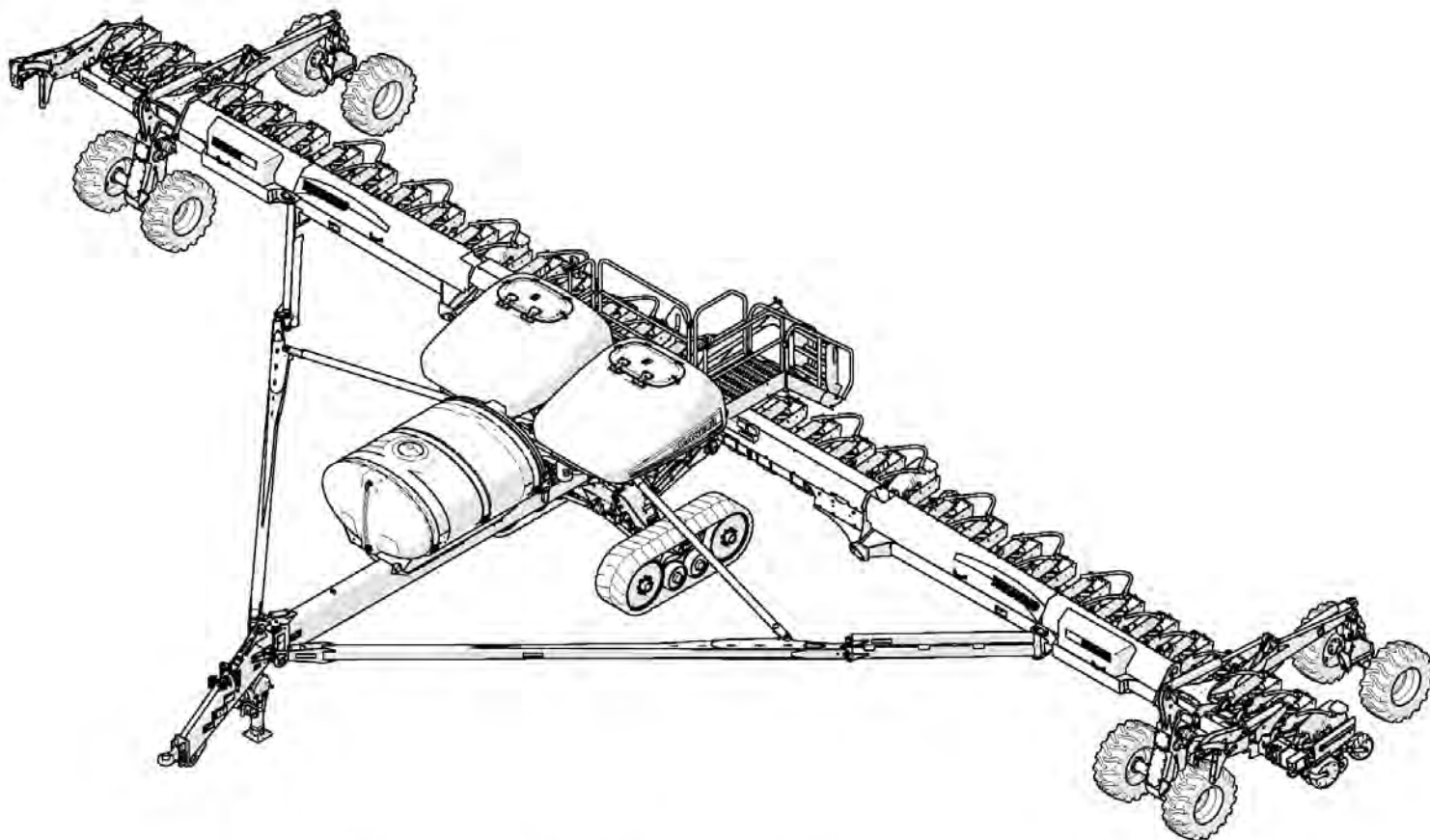


YIELDTRAC



Yieldtrac Planter Bar 36R-22

(36 Row 22" Spacing)

Front Fold Trailing Planter

Year 2019 Model

Parts Catalog

Part number T0056281
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.

Norwood Sales Inc. makes no representation or warranty, expressed, implied, or statutory with respect to, and assumes no responsibility for the accuracy, completeness, sufficiency, or usefulness of the information contained herein. No warranties of merchantability or fitness for purpose shall apply.

Trademark Information

Case IH®, Early Riser®, and AFS® are registered trademarks of CNH America LLC., and are so acknowledged. YIELDTRAC® is a registered trademark of Norwood Sales Inc. Any trademarks not directly mentioned are also acknowledged.



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 Bar 36R-22.

Revision History

Issue	Date	Reasons for Change
T0056281	July 19th, 2019	Release

HOW TO USE THIS CATALOG AND LOCATE PARTS

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.

Option 1:

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.

Option 2:

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:

36R-22

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.

Exploded Parts Illustration.

Designates Parts Catalog Page For Yieldrac 36R22 Model Only.

Forward Direction Of Travel Symbol

Parts Listing

36R-22 Parts Catalog

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft.-lbs.)
1	T0051555	Mount Fertilizer Manifold	1	
2	T0051558	Tee 3/4" Threaded	3	
3	T0051557	Nipple 3/4" Short	2	
4	T0051441	3/4" MPT x 3/4" HB Elbow	3	
5	T0051543	Hose Barb 3/4" MPT x 3/4" HB	1	
6	T0051512	3/4" MPT x 3/4" HB	1	
7	UB-0.25X1.5X2.8-RSS	U-Bolt-0.2500x1.50x2.75-RB-SS	2	
8	NLHUT-0.250-20SS	Nut, Nylock 1/4"-20-SS	4	

TA01027 Assy. Manifold Fert Cn Bar (Left Configuration)

Note:
1. P.T.S.=Apply Pipe Thread Sealant. Use Rectorseal #21 or Equivalent.
2. For Item # 4, & 5, use P/N T0051674 Hose-0336 AG Spray 200 (100' Roll)
3. For Item # 6, use P/N T0051557 Hose-0344 AG Spray 200 (100' Roll)

TA01027 Assy. Manifold Fert Cn Bar (Right Configuration)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft.-lbs.)
1	T0051555	Mount Fertilizer Manifold	1	
2	T0051558	Tee 3/4" Threaded	3	
3	T0051557	Nipple 3/4" Short	2	
4	T0051441	3/4" MPT x 3/4" HB Elbow	3	
5	T0051543	Hose Barb 3/4" MPT x 3/4" HB	1	
6	T0051512	3/4" MPT x 3/4" HB	1	
7	UB-0.25X1.5X2.8-RSS	U-Bolt-0.2500x1.50x2.75-RB-SS	2	
8	NLHUT-0.250-20SS	Nut, Nylock 1/4"-20-SS	4	

Note:
1. P.T.S.=Apply Pipe Thread Sealant. Use Rectorseal #21 or Equivalent.
2. For Item # 4, & 5, use P/N T0051674 Hose-0336 AG Spray 200 (100' Roll)
3. For Item # 6, use P/N T0051557 Hose-0344 AG Spray 200 (100' Roll)

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 36R-22 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.

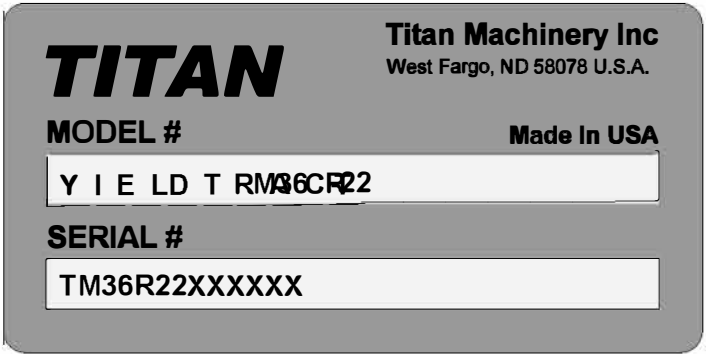


FIG. # 1-1 MODEL NUMBER / SERIAL NUMBER DECAL

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

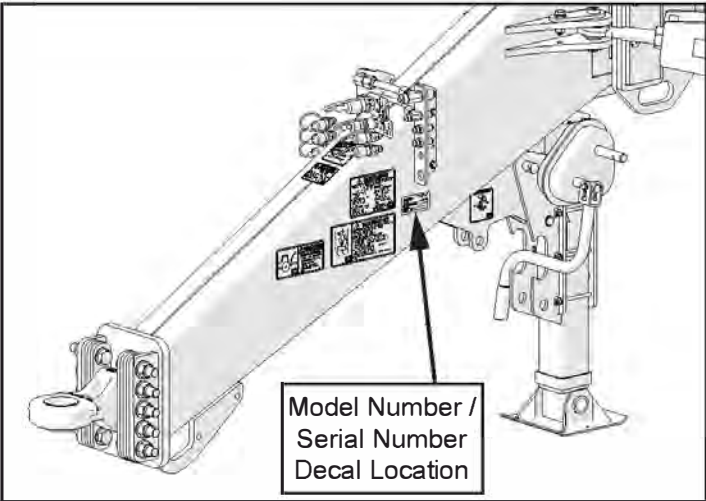


FIG. # 1-2 Model / Serial Number Decal Location

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.

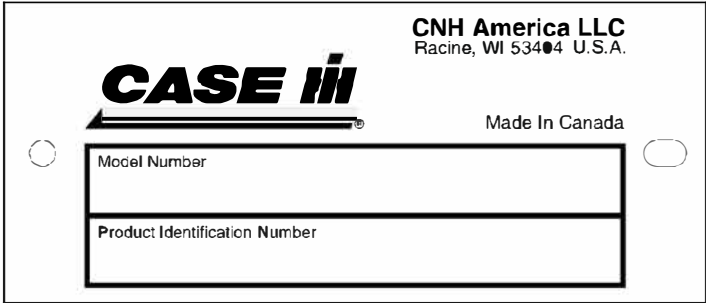


FIG. # 1-3
Model Number/Serial Number Decal

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

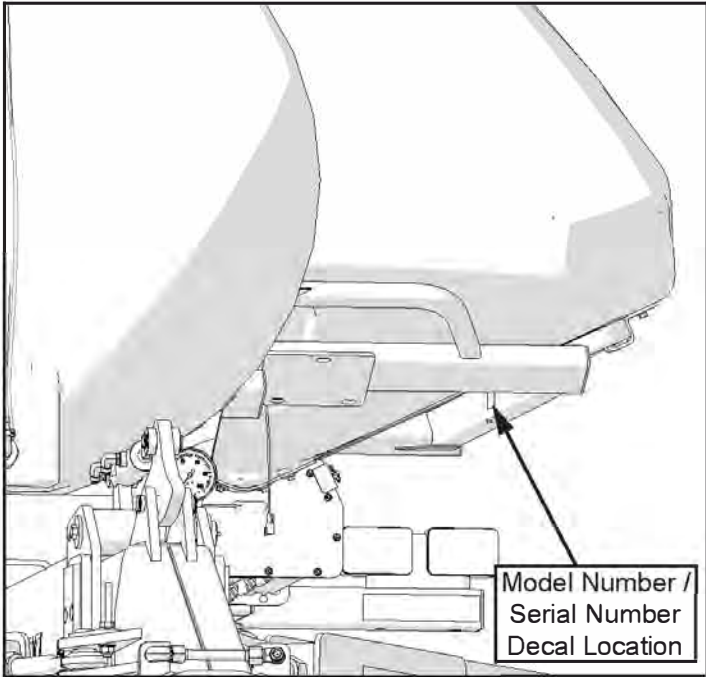
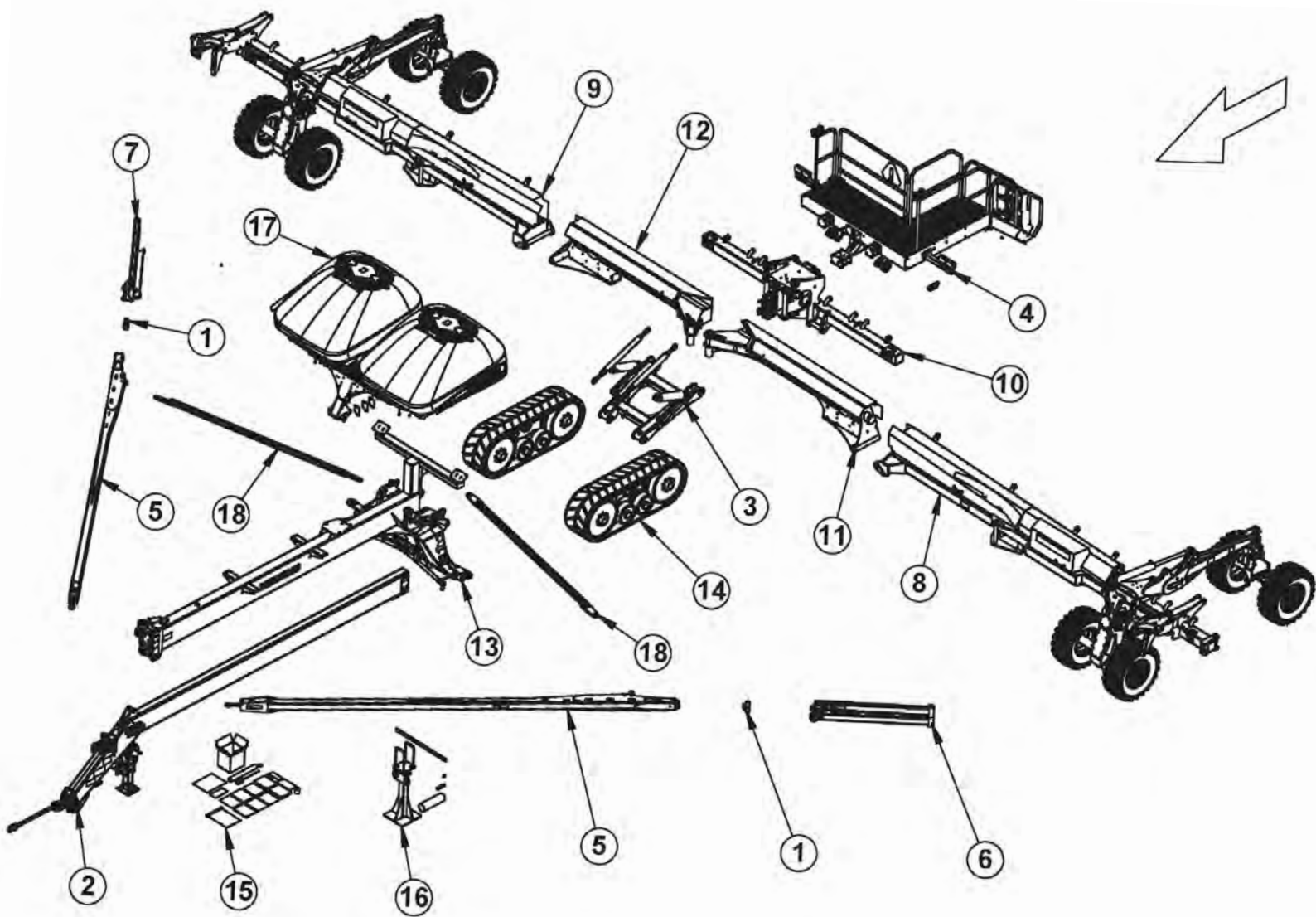


FIG. # 1-4 Model / Serial Number Decal Location On Bulk Fill Assembly

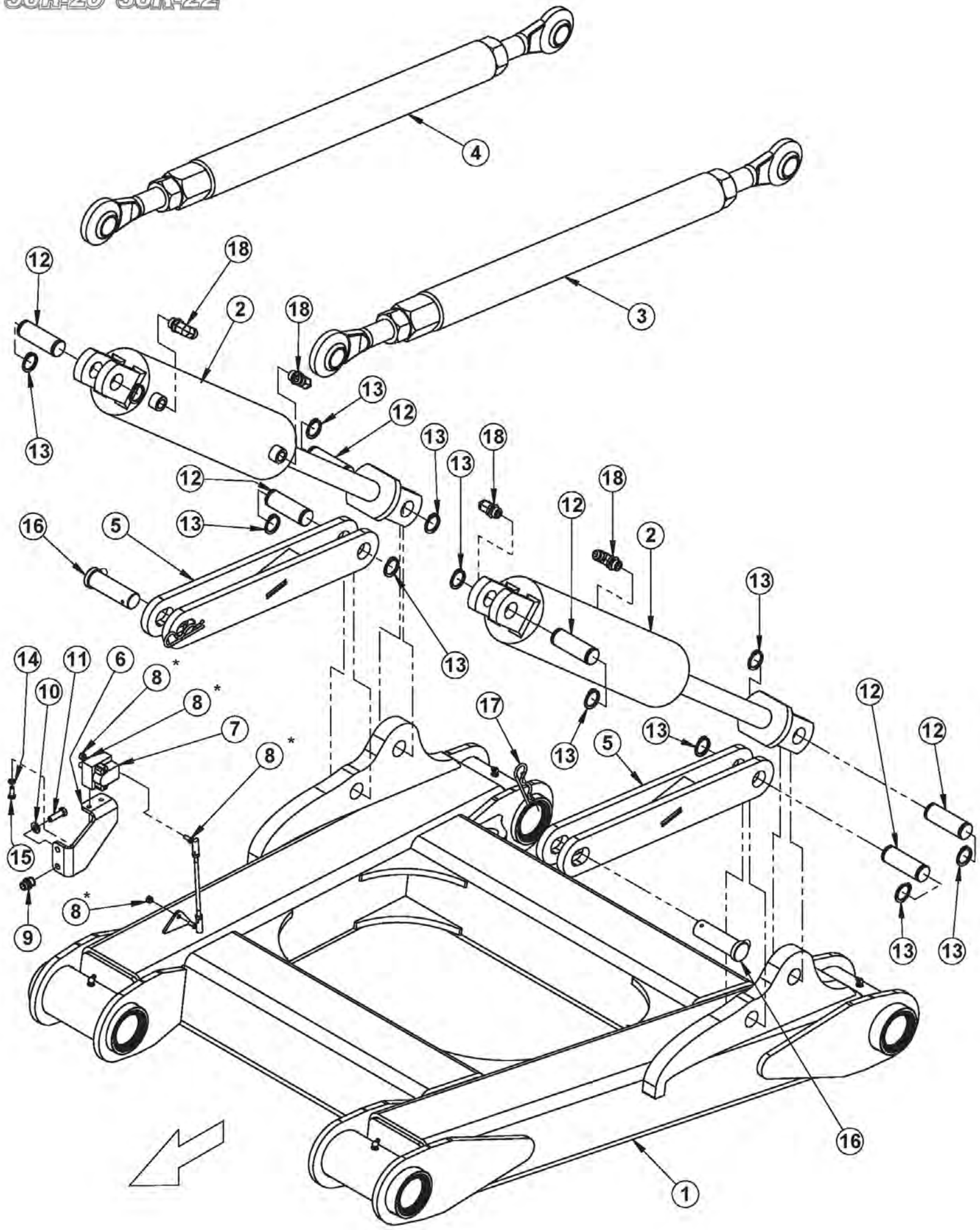


TA01793 36R22 Yieldtrac (2018)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0052223	Tow Bar Knuckle Machined	2	
2	TA01142	Assy, 36R22 Front Hitch	1	
3	TA01206	Assy, Complete Lift	1	
4	TA01246	Assy, Ladder Platform	1	
5	TA01356	Assy, Tow Bar	2	
6	TA01360	Assy, Tow Bar Gate - LH	1	
7	TA01361	Assy, Tow Bar Gate - RH	1	
8	TA01437	Assy, 36R22 LH Wing	1	
9	TA01443	Assy, 36R22 RH Wing	1	
10	TA01447	36R22 Center Bar	1	
11	TA01452	36R22 LH Stub Arm	1	
12	TA01453	36R22 RH Stub Arm	1	
13	TA01588	Option, 36R22 Track Spacing	1	
14	TA01589	Option, Track Width	1	
15	TA01794	Operator's Package 2018 36R20/22	1	
16	TA01795	Assy, Bulk Material 36R22	1	
17	TA01806	Bulk Fill Assy (2000)	1	
18	TW001213	Wdmt, 36R22 Control Link	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.

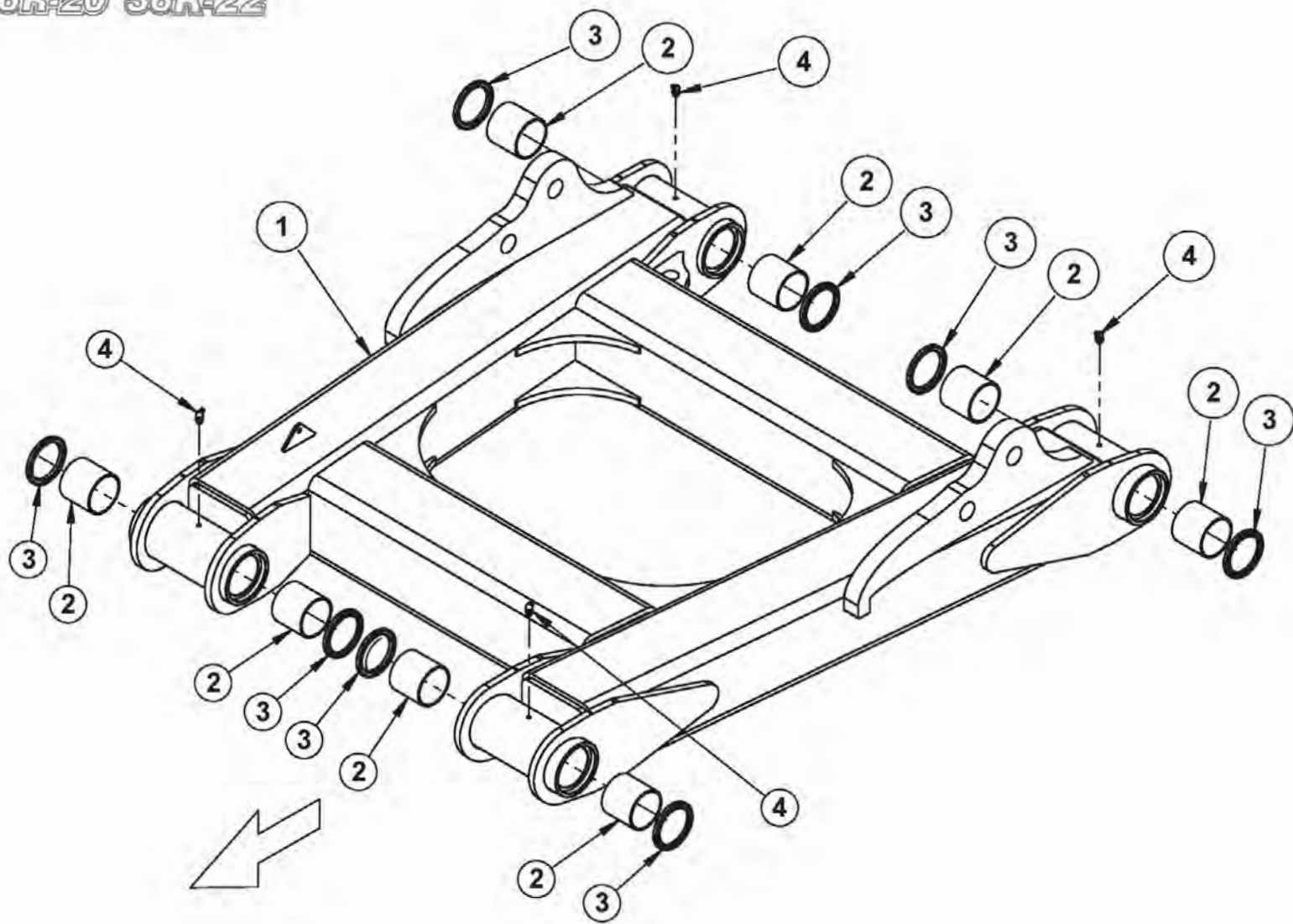


TA01206 Assy, Complete Lift

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.

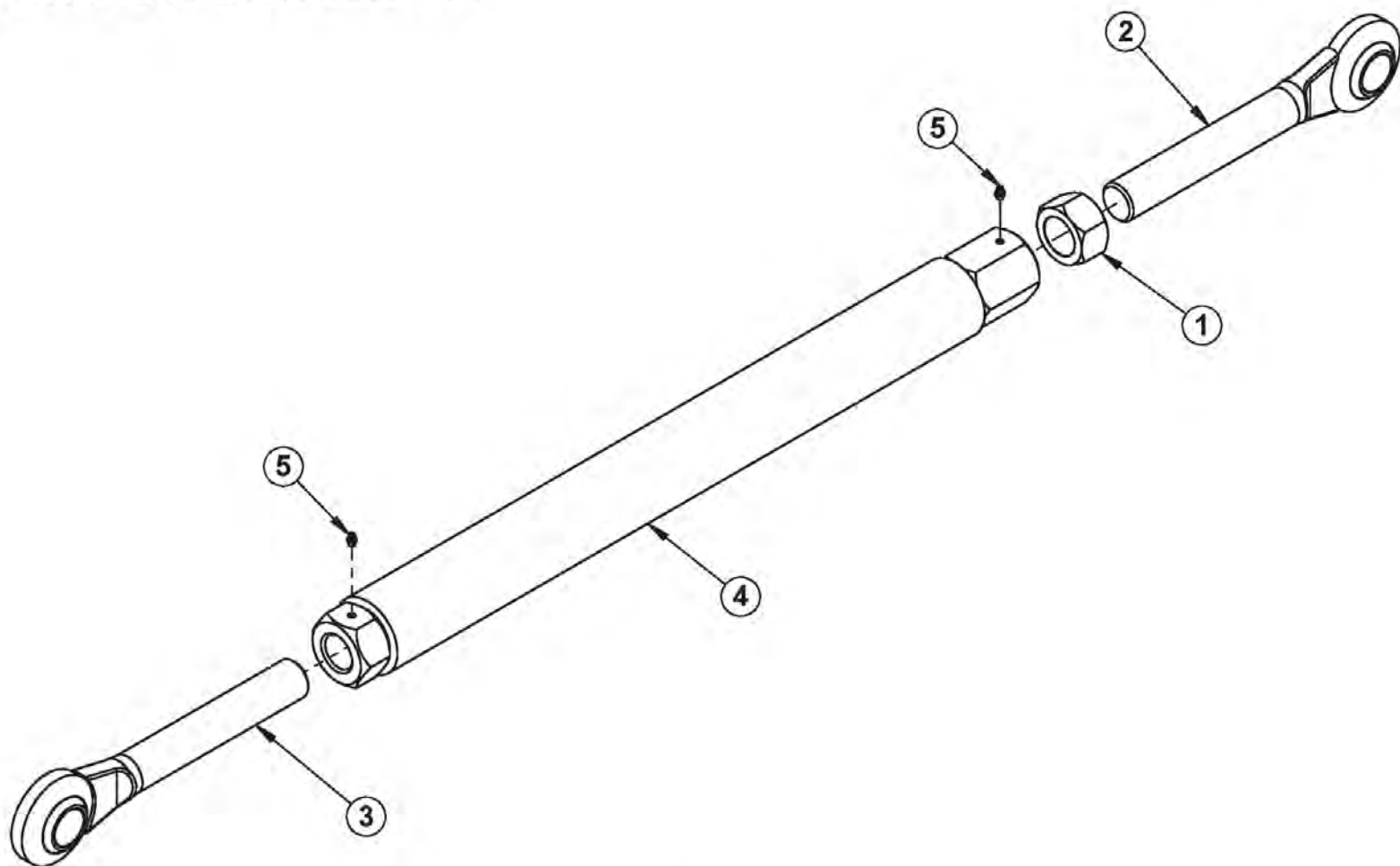


TA01214 Assy, Main Lift

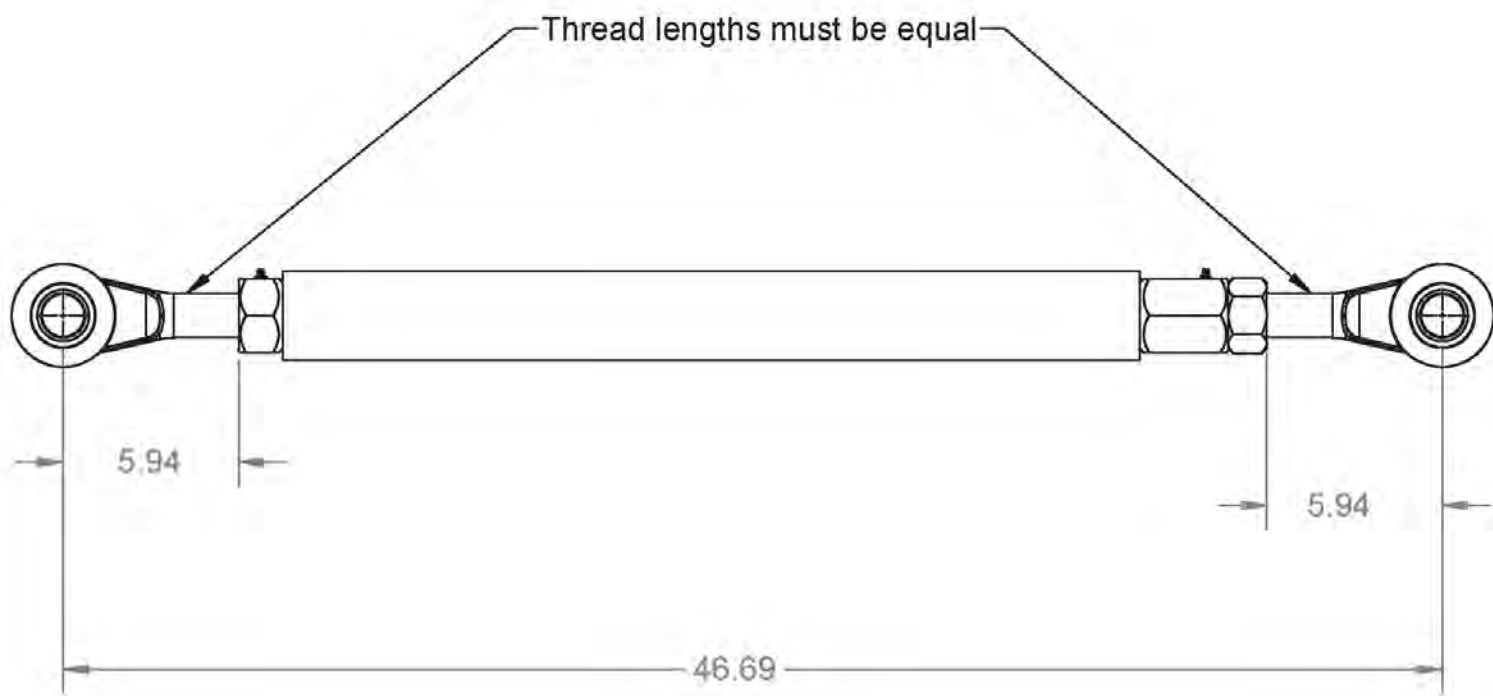
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW001130	Wldmt, Main Lift	1	
2	PB-2.500X2.75X2.50	Bush, Polygon 2.500x2.75x2.50	8	
3	T0051584	2.50 Grease Seal	8	
4	ZERK-0.250-28X45	Zerk-1/4-28x45Deg	4	

Note:

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

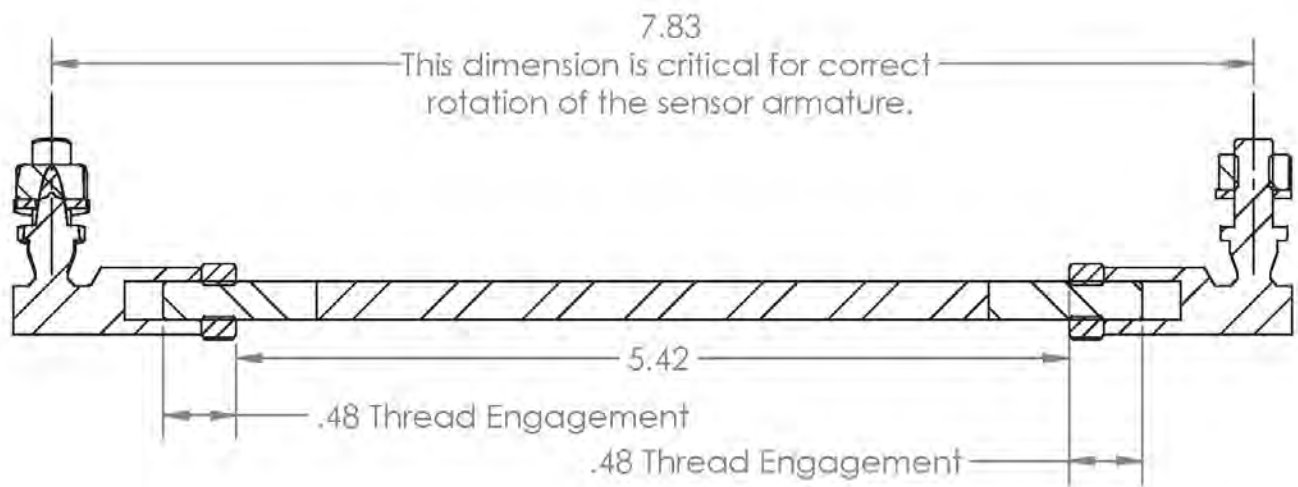
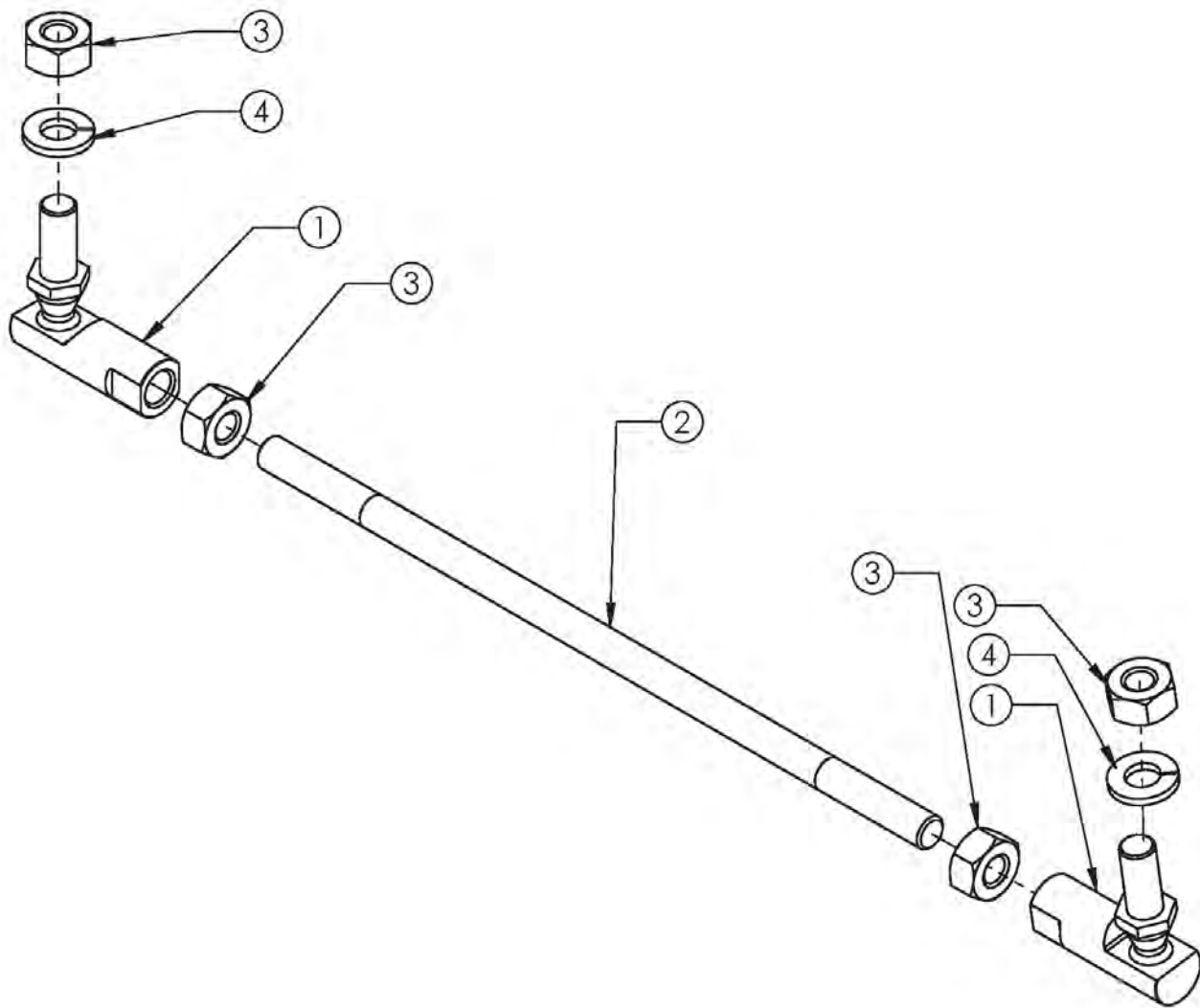


Thread lengths must be equal



TA00613 Upper Link Assy

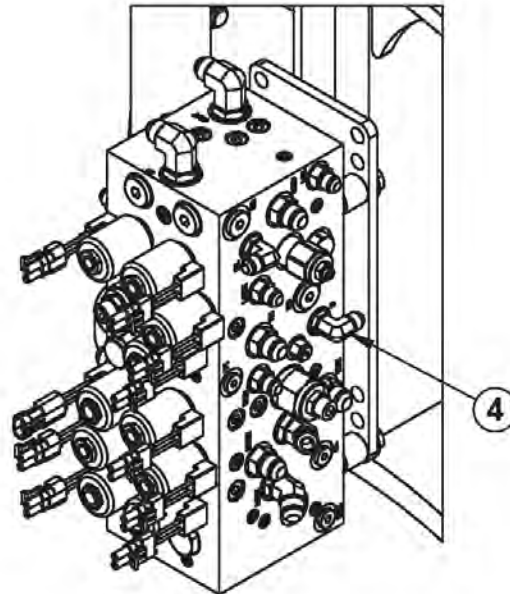
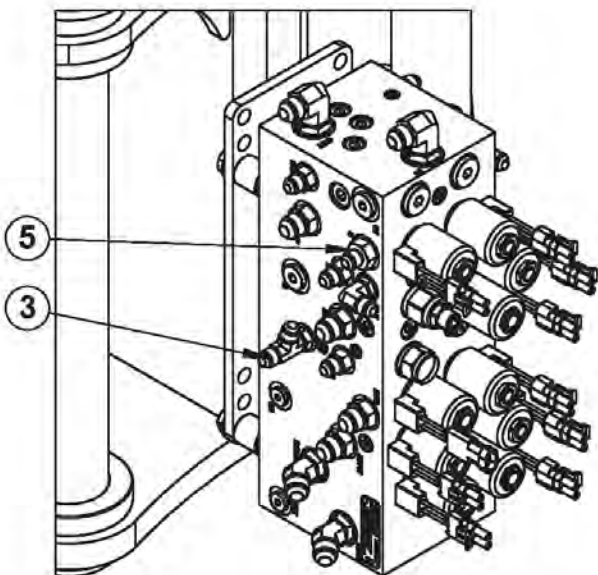
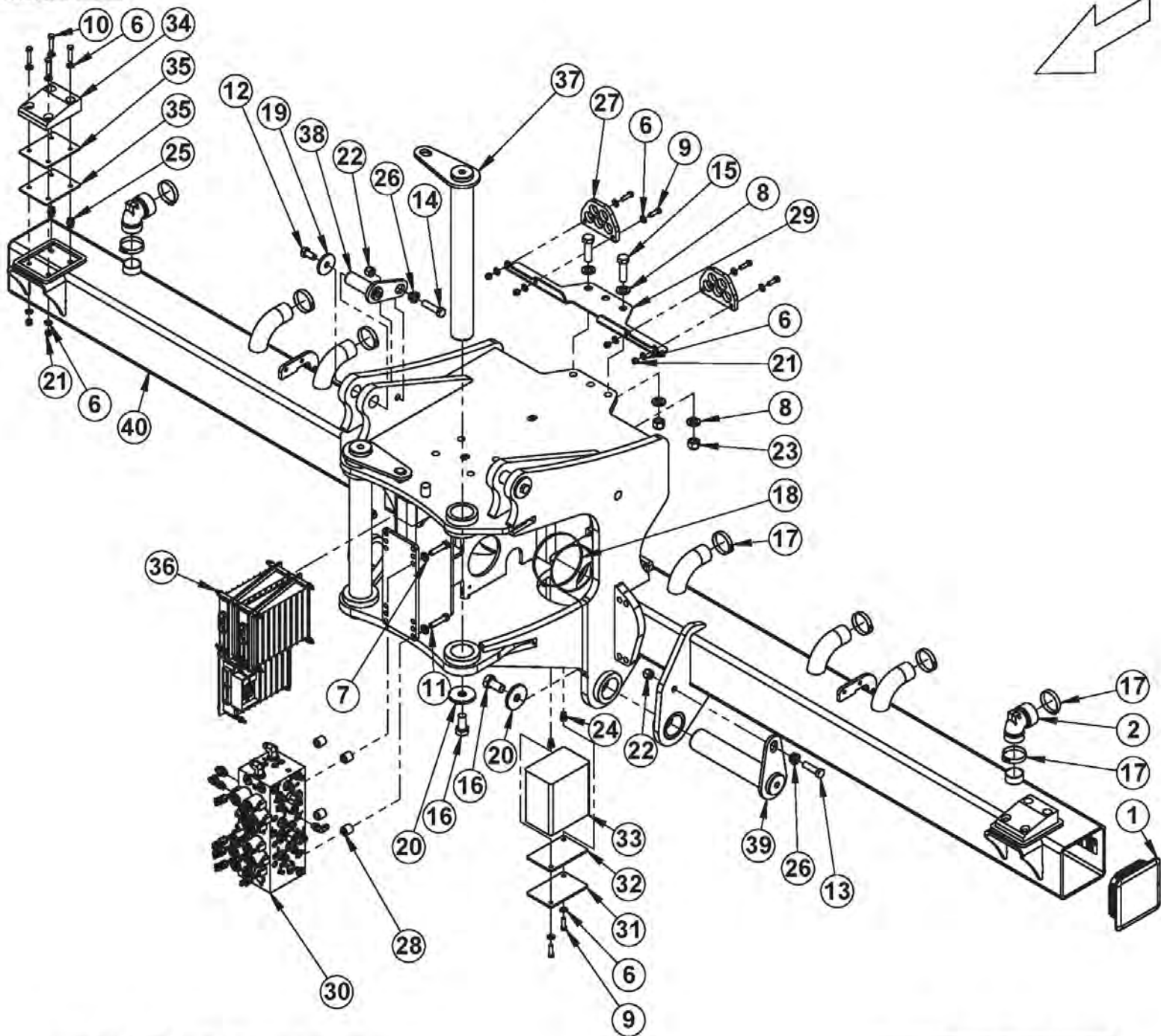
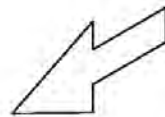
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HNUT-1.500-6Y8	Nut, Hex 1-1/2-6 YZ8	1	
2	T0051213	RH End Link	1	
3	T0051214	LH End Link	1	
4	TW000618	Upper Link Weldment	1	
5	ZERK-0.250-28	Zerk, 1/4-28	2	



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	

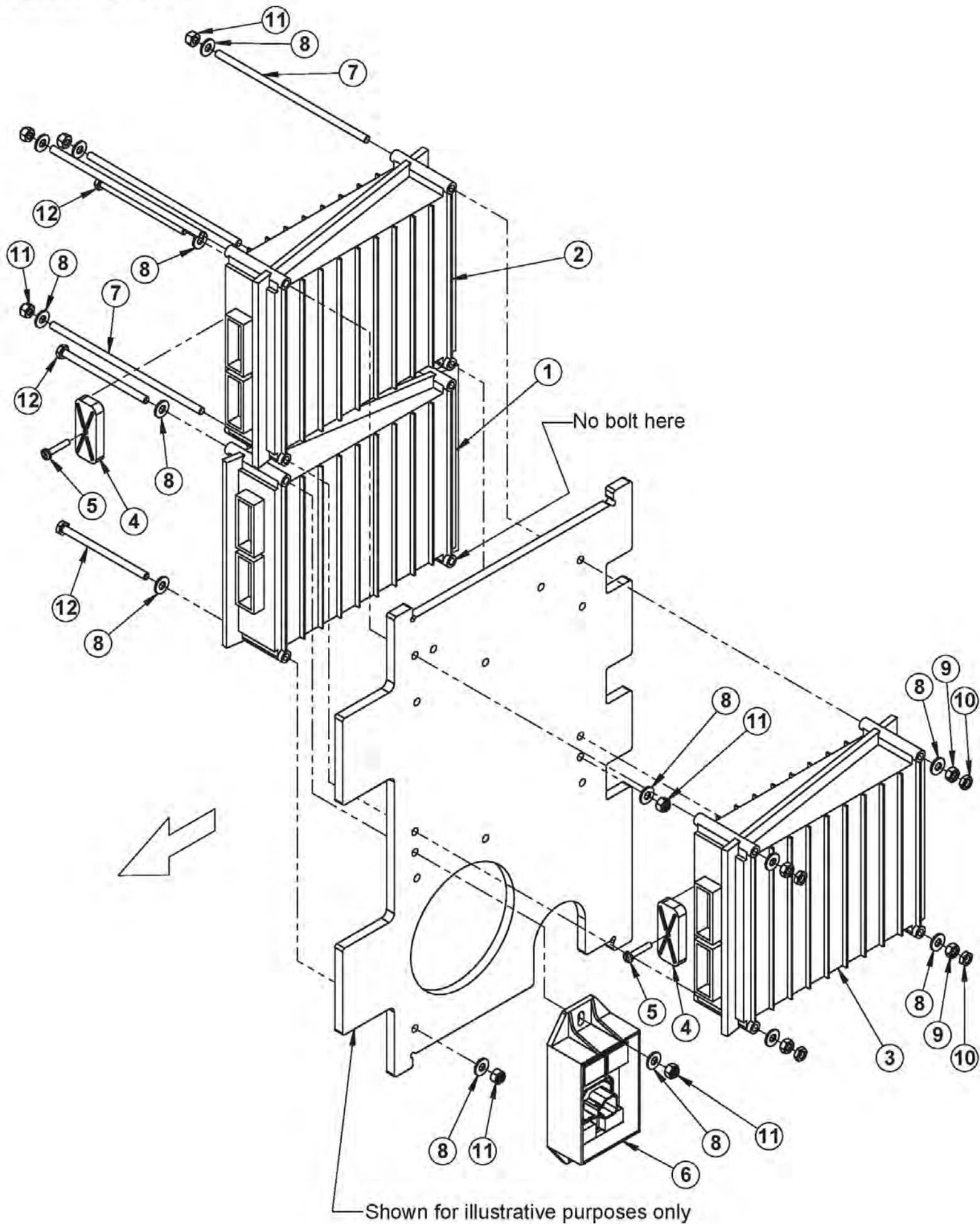


TA01395 Assy, 36R22 Center Bar Base

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	48106381	Vacuum Plug, 7" Sq	2	
2	84416530	Elbow, Vacuum	2	
3	AD-06MJ-06MB-06MJ	Adapter, 06MJ-06MB-06MJ Tee	1	
4	AD-06MJ-06MB-90	Adapter, 06MJ-06MB 90	1	
5	AD-06MJ-08MB	Adapter, 06MJ-08MB	1	
6	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	22	
7	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	4	
8	FW-SAE-0.750Y	Washer, Flat SAE 3/4 YZ	4	
9	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	6	
10	HB-0.375-16X1.75Y8	Bolt, Hex Hd 3/8-16x1-3/4 YZ8	8	
11	HB-0.500-13X2.25Y8	Bolt, Hex Hd 1/2-13x2-1/4 YZ8	4	
12	HB-0.625-11X1.25Y8	Bolt, Hex Hd 5/8-11x1-1/4 YZ8	2	
13	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	2	
14	HB-0.625-11X2.50Y8	Bolt, Hex Hd 5/8-11x2-1/2 YZ8	2	
15	HB-0.750-10X2.75Y8	Bolt, Hex Hd 3/4-10x2-3/4 YZ8	2	
16	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4 YZ8	4	
17	HCLMP-SAE-32SS	Hose Clamp, SAE #32 SS	10	
18	HCLMP-SAE-612SS	Hose Clamp, SAE #612 SS	2	
19	HDWSH-0.64X2.50Y	HD Washer, 41/64x2-1/2 YZ	2	
20	HDWSH-0.89X3.00Y	HD Washer, 57/64x3 YZ	4	
21	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	8	
22	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	4	
23	NLNUT-0.750-10Y8	Nylon Lock Nut, 3/4-10 YZ8	2	
24	RN-0.375-16-15-31Y	Rivet Nut, 3/8-16x0.150-0.312 YZ	2	
25	RN-0.375-16-31-.44-Y	Rivet Nut, 3/8-16x0.31-0.44 YZ	4	
26	T0050854	Anti Rotation Insert	4	
27	T0052450	Guide, Hose Seed Tube Cen Fr	2	
28	T0052525	Spacer, L&F Valve	4	
29	T0054208	Brkt, Seed Hose Mtg	1	
30	T0054378	Valve Assy, Lift & Fold	1	
31	T0054651	Clean Out Cover	1	
32	T0054652	Seal, Clean Out Cover	1	
33	T0054653	Foam Block	1	
34	T0056151	Block, Slider	2	
35	T0056152	Shim, Slider	4	
36	TA01216	Assy, ECU	1	
37	TW001008	Pin Weldment	2	
38	TW001009	Pin Weldment	2	
39	TW001012	Pin Weldment	2	
40	TW001195	Wdmt, 22" 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.

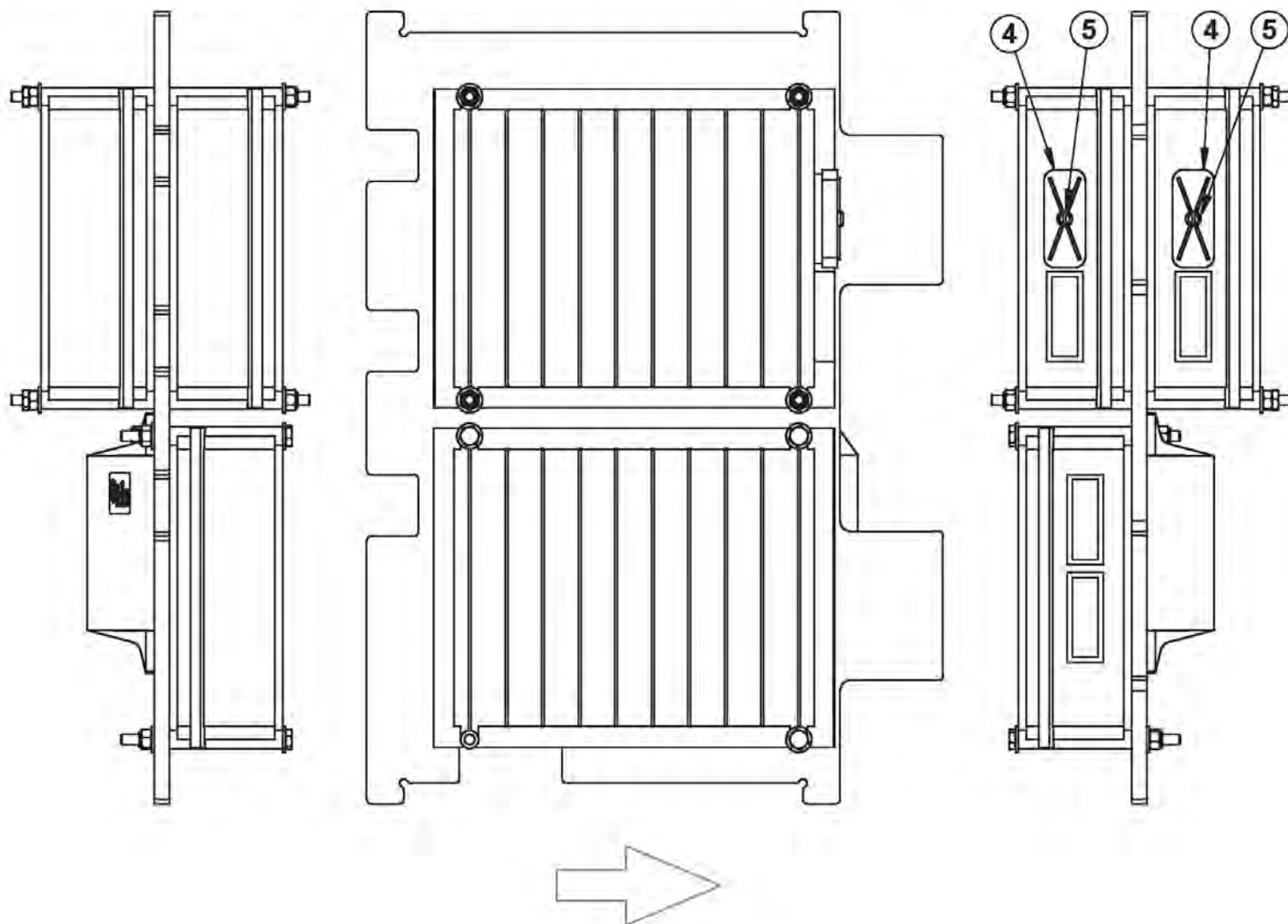


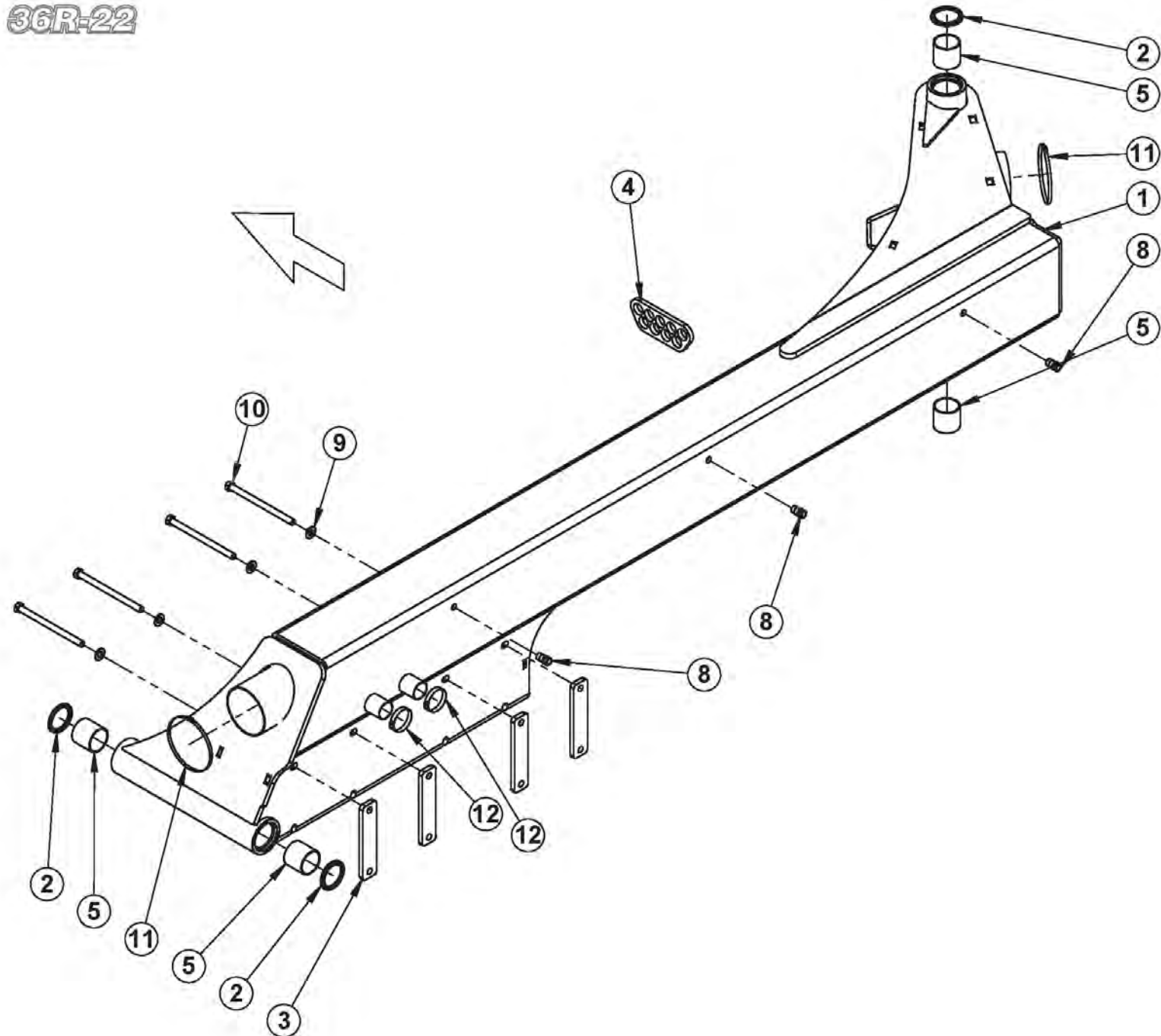
TA01216 Assy, ECU

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.



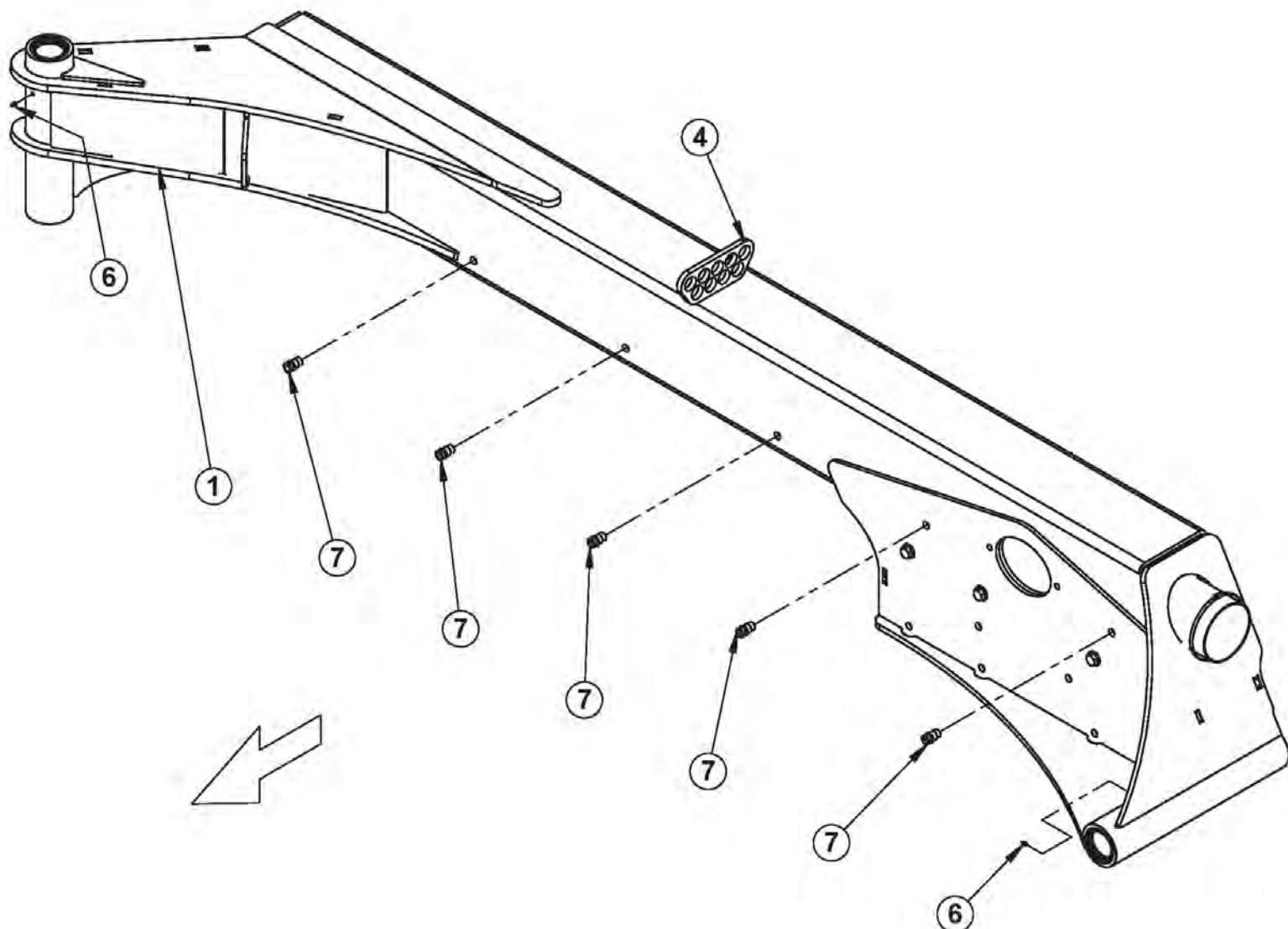


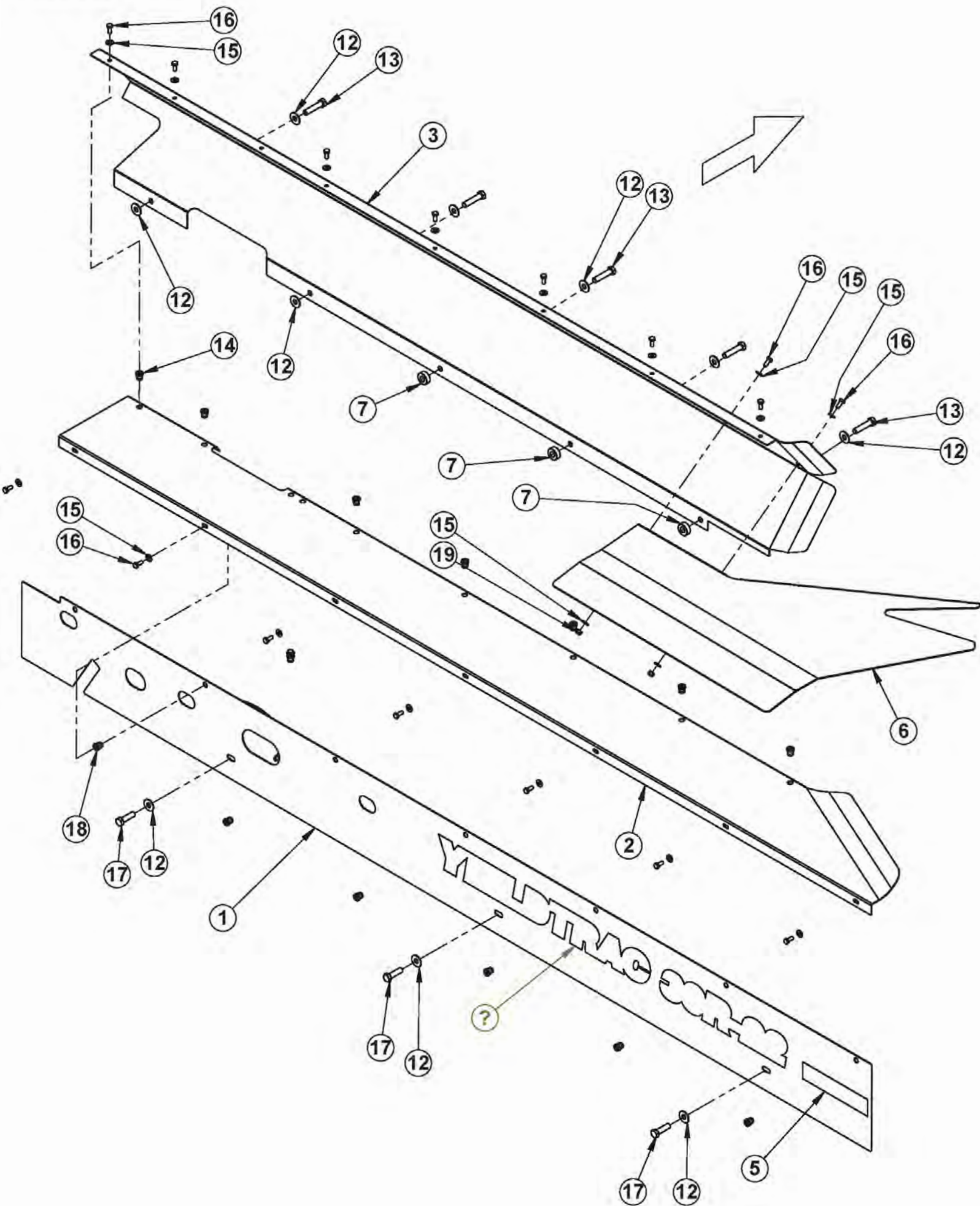
TA01398 Assy, 36R22 LH Stub Arm Base

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW001198	Wldmt, 36R22 LH Stub Arm	1	
2	T0051584	2.50 Grease Seal	3	
3	T0053471	Plate, Row Unit Spacer	4	
4	T0052571	Seed Hose Hanger, Stub Arm	1	
5	PB-2.500X2.75X2.50	Bush, Polygon 2.500x2.75x2.50	4	
6	ZERK-0.250-28	Zerk, 1/4-28	2	
7	RN-0.500-13-.35-.50Y	Rivnut, 1/2-13 .350-.500 GR	5	
8	RN-0.500-13-.35-.50Y	Rivnut, 1/2-13 .350-.500 GR	3	
9	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	8	
10	HB-0.625-11X9.00Y8	Bolt, Hex Head-5/8-11x9.0-YZ8	8	
11	HCLMP-SAE-612SS	HClamp-SAE-612-SS	2	
12	HCLMP-SAE-32SS	HClamp-SAE-32-SS	2	

Note:

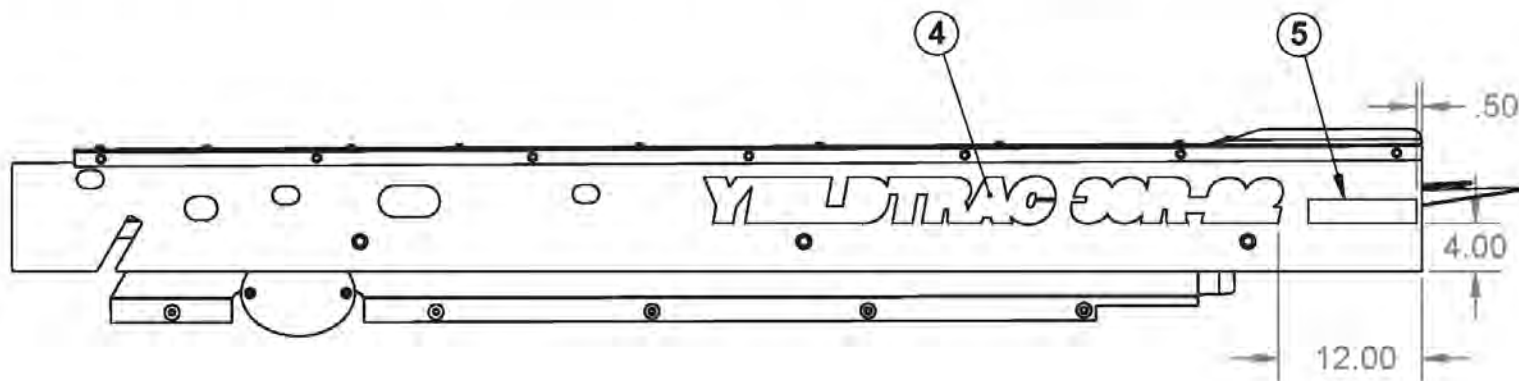
1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified).
2. * Items marked with an asterisk are items that are included in that particular part or assembly.

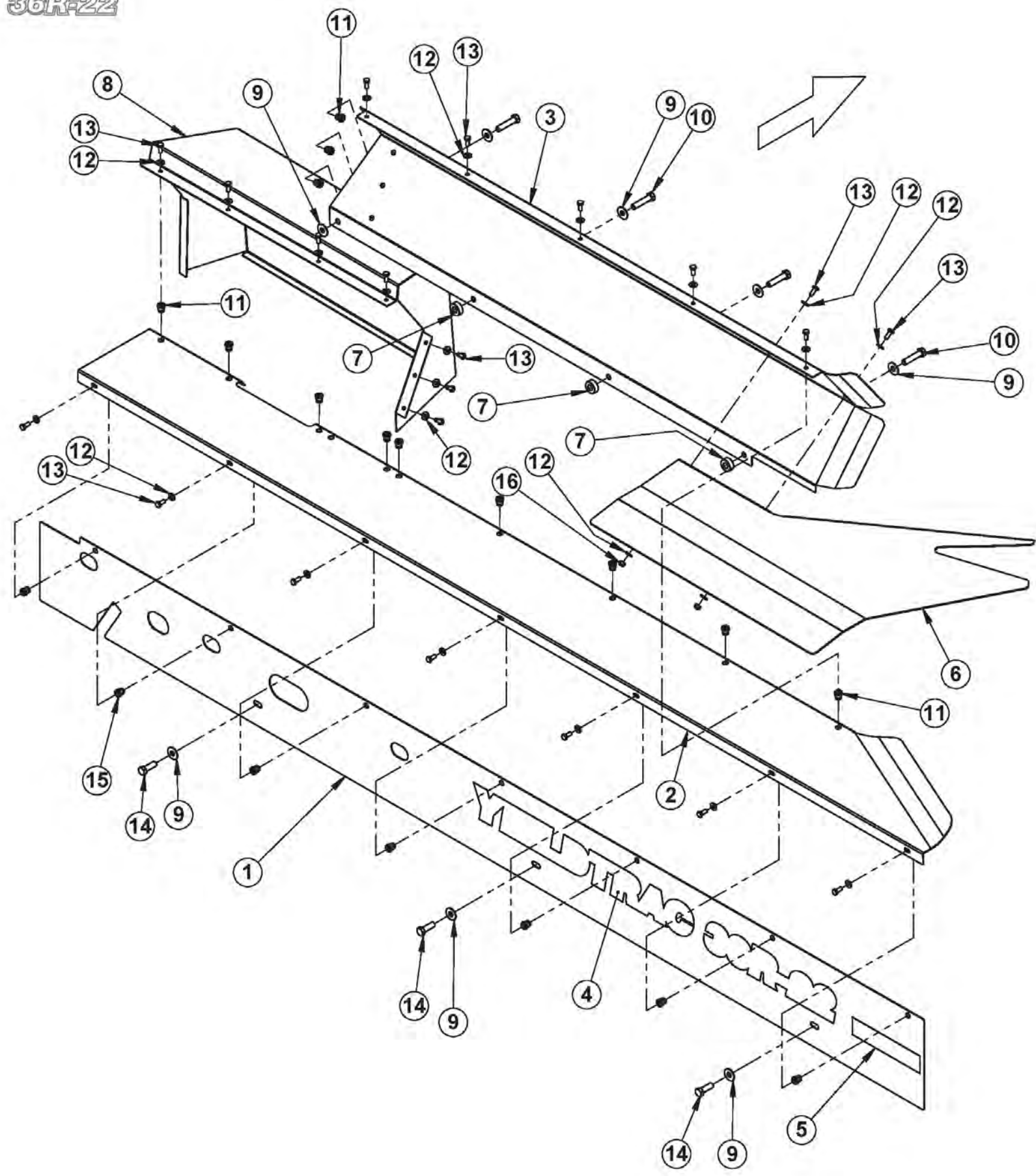




TA01285 Assy, 36R22 LH SA Shield w/o Fan

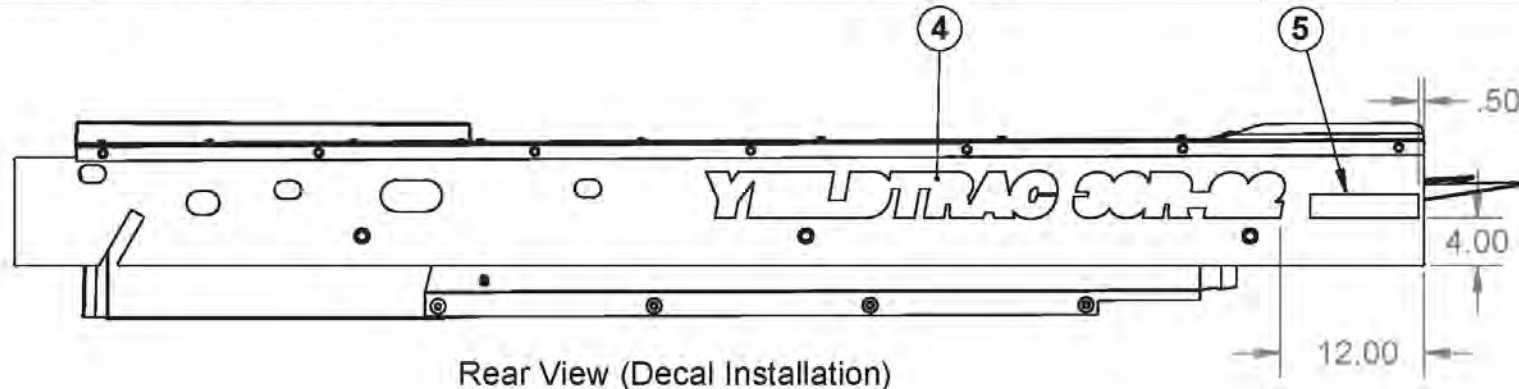
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0054829	Panel, Stub Arm Back 36R22	1	
2	T0054577	Cover, LH Stub Arm	1	
3	T0054827	Shield, LH Stub Arm Front	1	
4	T0053019	Decal, Yldtrac 36R22-3.8x48.25	1	
5	T0051729	Decal, Reflector, Yellow-2x9	1	
6	T0054825	Shelf, LH Seed Hose	1	
7	T0052276	Spacer	3	
8	T0054514	Cover, Vacuum Inlet	1	
9	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	3	
10	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	2	
11	RN-0.375-16-.31-.44-Y	Rivnut, 3/8-16 UNC .31-.44 GR	2	
12	FW-USS-0.438Y	Washer, Flat-USS 7/16-YZ	10	
13	HB-0.500-13X2.25Y8	Bolt, Hex Hd 1/2-13x2-1/4 YZ8	5	
14	RN-0.313-18-.03-.15Y	Rivnut, 5/16-18 UNC .027-.150	8	
15	FW-USS-0.250Y	Washer, Flat USS 1/4" YZ	19	
16	HB-0.313-18X0.75Y8	Bolt, Hex Hd 5/16-18x3/4-YZ8	17	
17	HB-0.500-13X1.75Y8	Bolt, Hex Hd 1/2-13x1-3/4 YZ8	3	
18	RN-0.313-18-.03-.15Y	Rivnut, 5/16-18 UNC .027-.150	7	
19	NLNUT-0.313-18Y8	Nut, Nylock 5/16"-18-YZ8	2	



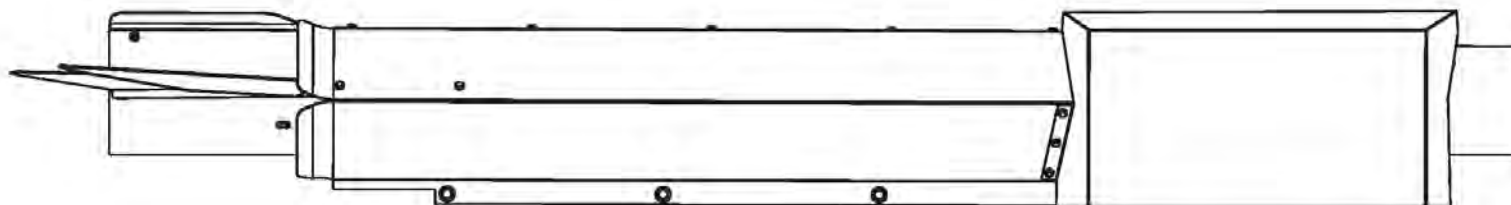


TA01444 Assy, 36R22 LH SA Shield w/Fan

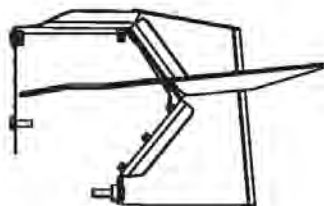
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0054829	Panel, Stub Arm Back 36R22	1	
2	T0054577	Cover, LH Stub Arm	1	
3	T0055026	Shield, LH Stub Arm Front	1	
4	T0053019	Decal, Yldtrac 36R22-3.8x48.25	1	
5	T0051729	Decal, Reflector, Yellow-2x9	1	
6	T0054825	Shelf, LH Seed Hose	1	
7	T0052276	Spacer	3	
8	T0055027	Shield, Fan	1	
9	FW-USS-0.438Y	Washer, Flat-USS 7/16-YZ	8	
10	HB-0.500-13X2.25Y8	Bolt, Hex Hd 1/2-13x2-1/4 YZ8	4	
11	RN-0.313-18-.03-.15Y	Rivnut, 5/16-18 UNC .027-.150	12	
12	FW-USS-0.250Y	Washer, Flat USS 1/4" YZ	23	
13	HB-0.313-18X0.75Y8	Bolt, Hex Hd 5/16-18x3/4-YZ8	21	
14	HB-0.500-13X1.50Y8	Bolt, Hex Hd 1/2-13x1-1/2 YZ8	3	
15	RN-0.313-18-.03-.15Y	Rivnut, 5/16-18 UNC .027-.150	7	
16	NLNUT-0.313-18Y8	Nut, Nylock 5/16"-18-YZ8	2	



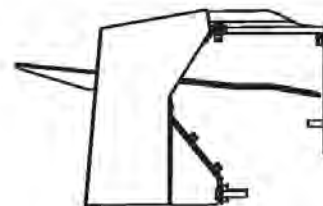
Rear View (Decal Installation)



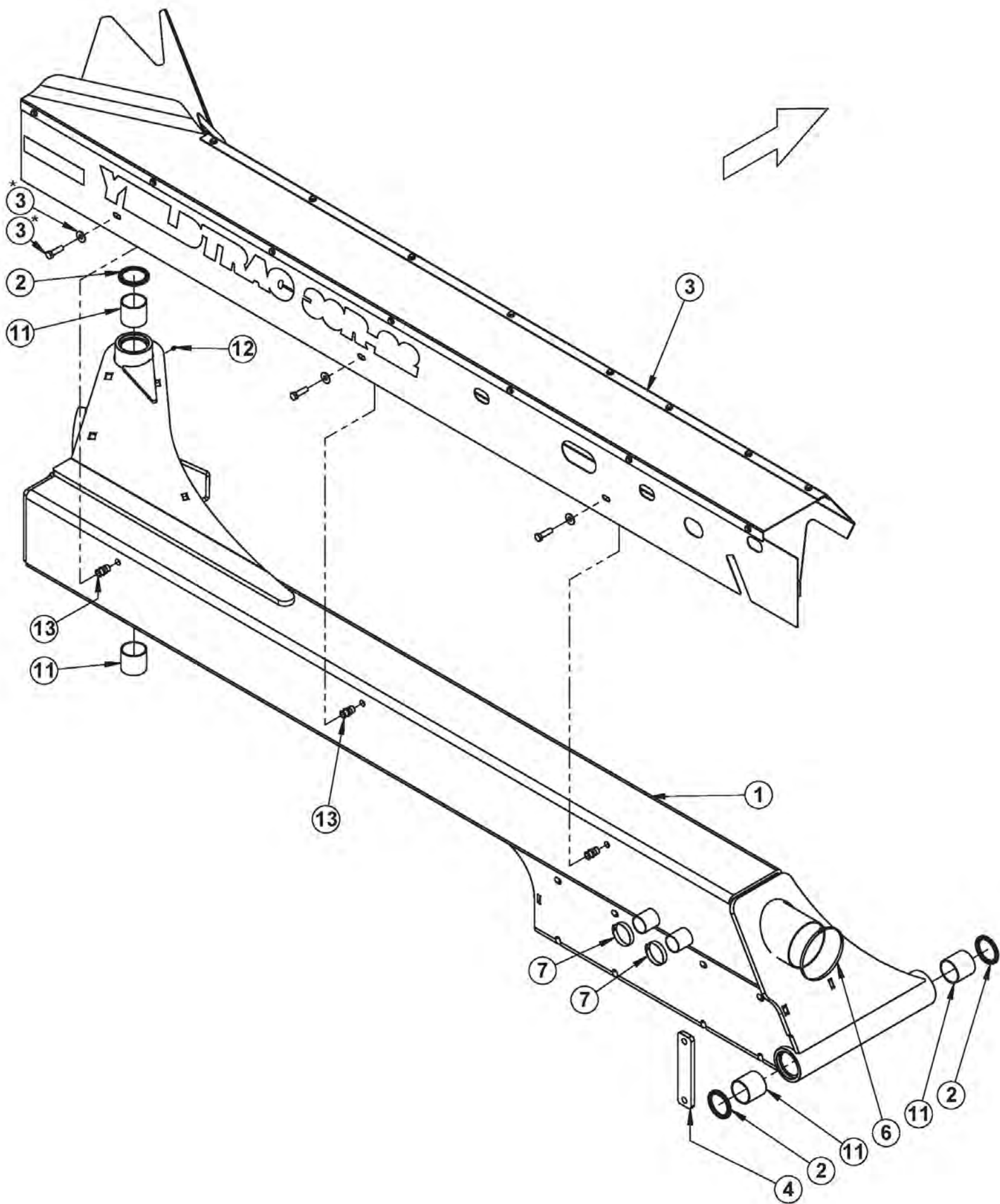
Front View



Right Side View

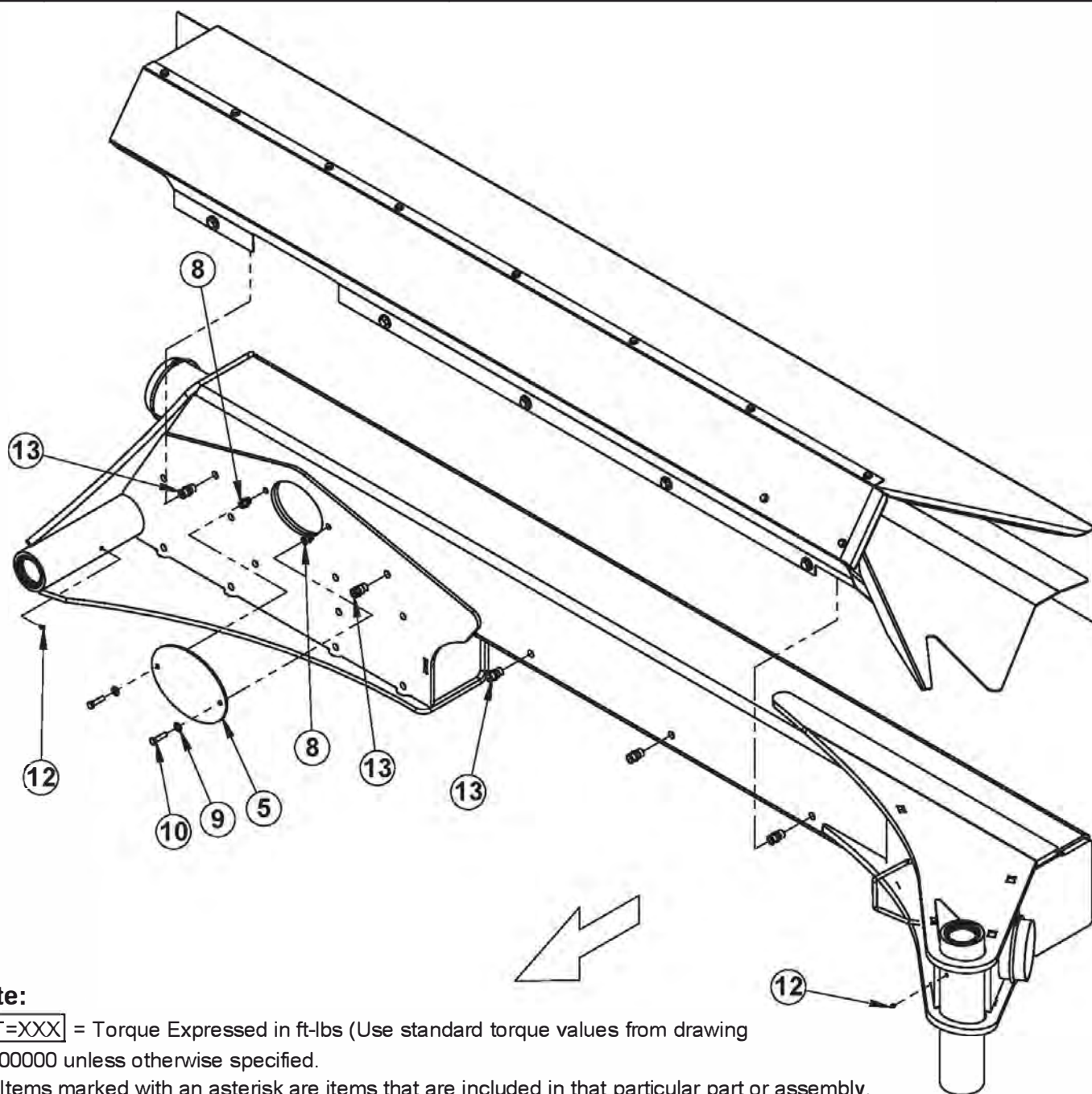


Left Side View



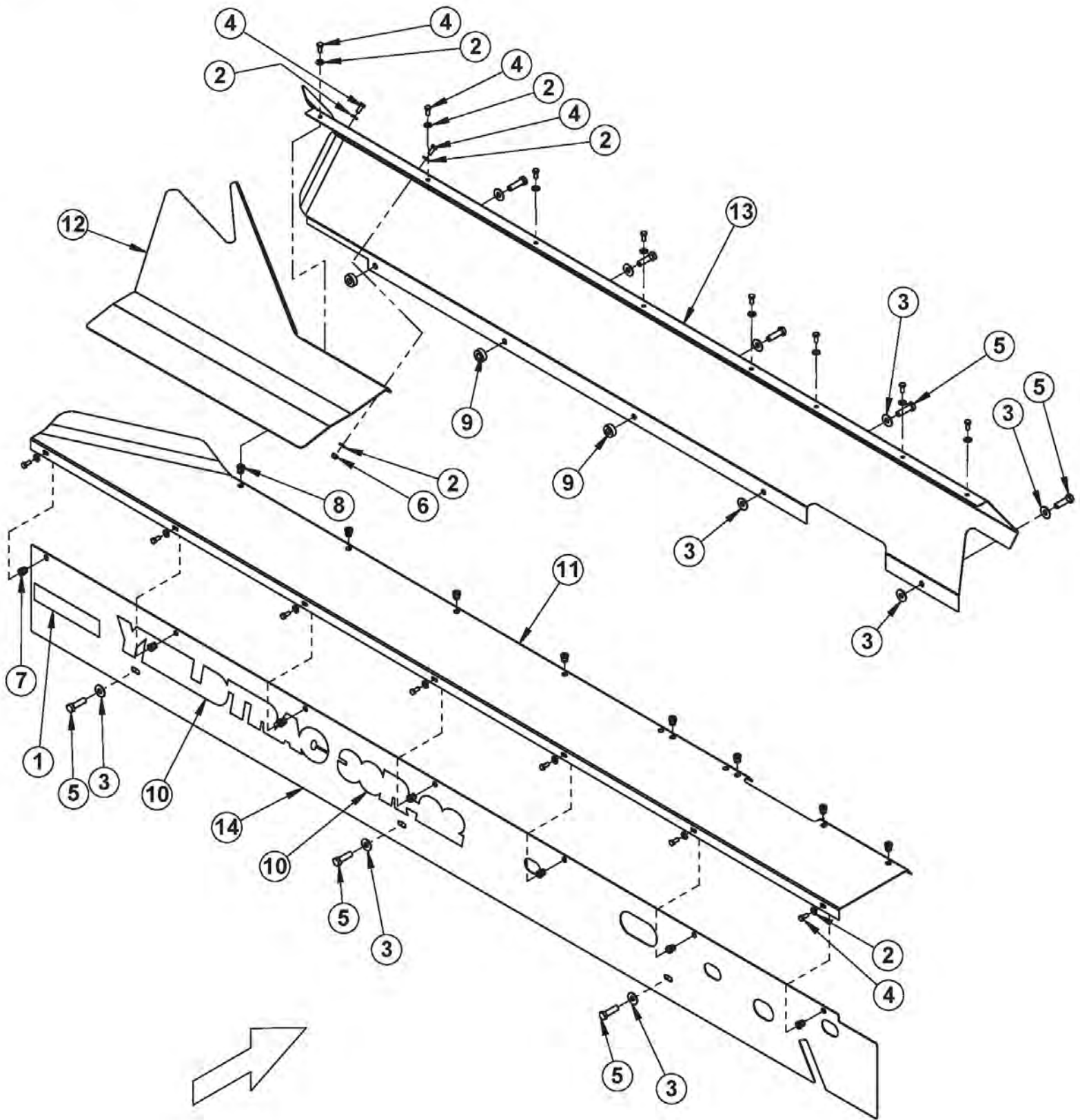
TA01399 Assy, 36R22 RH Stub Arm Base

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW001199	Wldmt, 36R22 RH Stub Arm	1	
2	T0051584	2.50 Grease Seal	3	
3	TA01284	RH Stub Arm Shield Assy	1	
4	T0053471	Plate, Row Unit Spacer	4	
5	T0054514	Cover, Vacuum Inlet	1	
6	HCLMP-SAE-612SS	HClamp-SAE-612-SS	2	
7	HCLMP-SAE-32SS	HClamp-SAE-32-SS	2	
8	RN-0.375-16-.31-.44-Y	Rivnut, 3/8-16 UNC .31-.44 GR	2	
9	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	2	
10	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	2	
11	PB-2.500X2.75X2.50	Bush, Polygon 2.500x2.75x2.50	4	
12	ZERK-0.250-28	Zerk, 1/4-28	2	
13	RN-0.500-13-.35-.50Y	Rivnut, 1/2-13 .35-.500 GR	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.

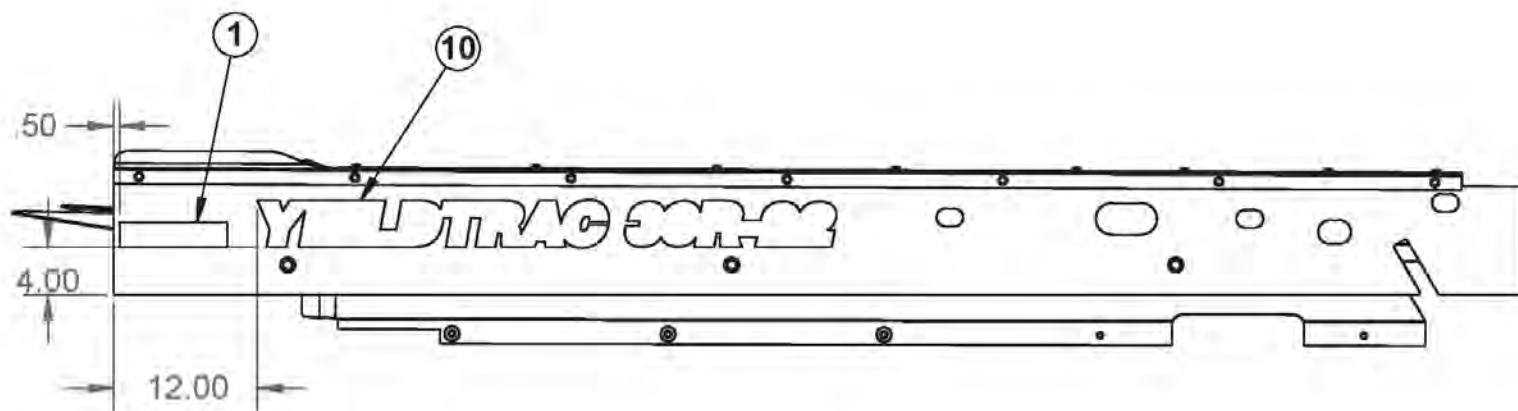


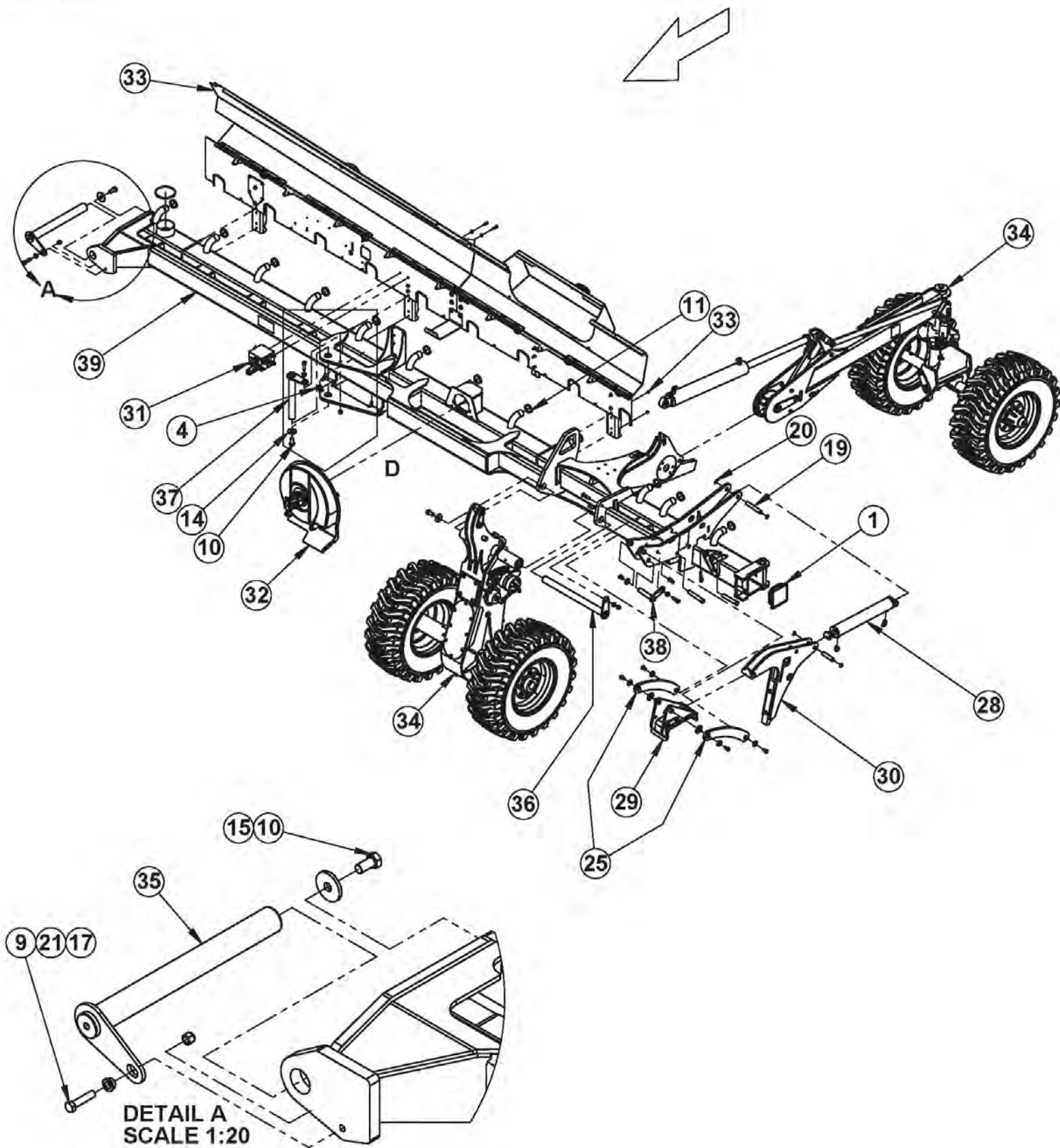
TA01284 RH Stub Arm Shield Assy

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	90-44-0410	Decal, Reflector, Yellow-2x9	1	
2	FW-USS-0.250Y	Washer, Flat USS 1/4 YZ	19	
3	FW-USS-0.438Y	Washer, Flat USS 7/16 YZ	10	
4	HB-0.313-18X0.75Y8	Bolt, Hex Hd 5/16-18x3/4 YZ8	17	
5	HB-0.500-13X1.75Y8	Bolt, Hex Hd 1/2-13x1-3/4 YZ8	8	
6	NLNUT-0.313-18Y8	Nylon Lock Nut, 5/16-18 YZ8	2	
7	RN-0.313-18-.03-.15Y	Rivet Nut, 5/16-18x0.027-0.150 YZ	7	
8	RN-0.313-18-.03-.15Y	Rivet Nut, 5/16-18x0.027-0.150 YZ	8	
9	T0052276	Spacer	3	
10	T0053019	Decal, Yldtrac 36R22-3.8x48.25	1	
11	T0054579	Cover, RH Stub Arm	1	
12	T0054826	Shelf, RH Seed Hose	1	
13	T0054828	Shield, RH Stub Arm Front	1	
14	T0054829	Panel, Stub Arm Back 36R22	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.

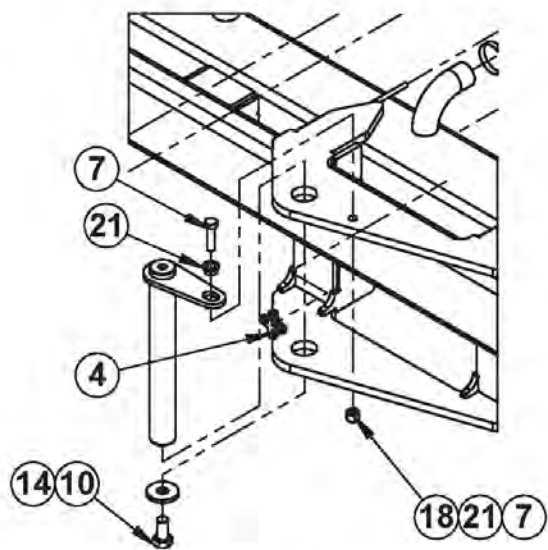




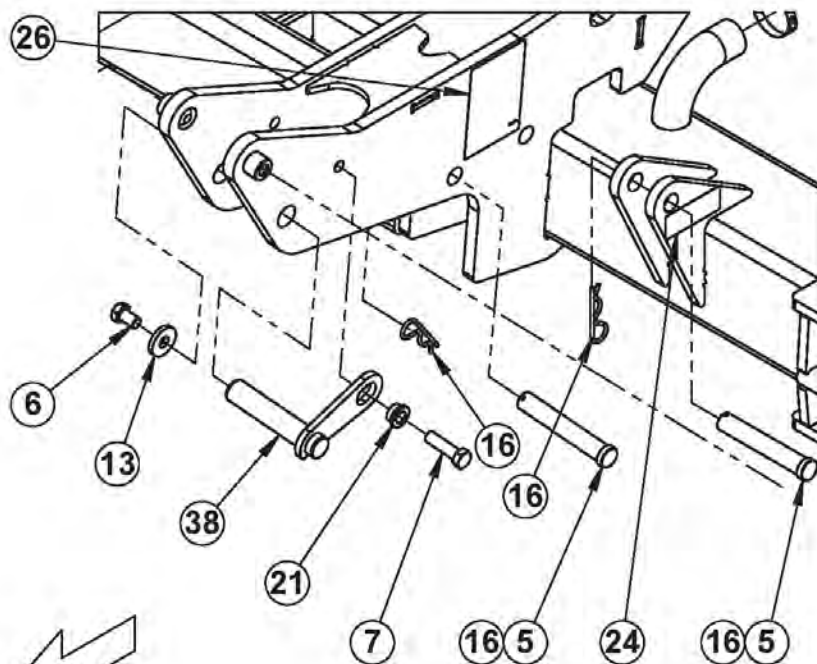
TA01396 Assy, 36R22 LH Base Wing				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	48106381	Vacuum Plug, 7" Sq	1	
2	90-44-0410	Decal, Reflector, Yellow-2x9	1	
3	AD-06MJ-08MB-90	Adapter, 06MJ-08MB 90	2	
4	AD-08MJ-CROSS	Adapter, 08MJ Cross	1	
5	CLPIN-1.000X6.00Y	Clevis Pin, 1x6 YZ	2	
6	HB-0.625-11X1.00Y8	Bolt, Hex Hd 5/8-11x1 YZ8	3	
7	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	2	
8	HB-0.625-11X2.50Y8	Bolt, Hex Hd 5/8-11x2-1/2 YZ8	1	
9	HB-0.625-11X2.75Y8	Bolt, Hex Hd 5/8-11x2-3/4 YZ8	1	
10	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4 YZ8	3	
11	HCLMP-SAE-32SS	Hose Clamp, SAE #32 SS	12	
12	HCLMP-SAE-612SS	Hose Clamp, SAE #612 SS	1	
13	HDWSH-0.64X1.75Y	HD Washer 41/64x1-3/4 YZ	3	
14	HDWSH-0.89X2.50Y	HD Washer, 57/64x2-1/2 YZ	2	
15	HDWSH-0.89X3.00Y	HD Washer, 57/64x3 YZ	1	
16	HPINCLIP-1.000Y	Hair Pin Clip, 1 YZ	2	
17	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	3	
18	NLNUT-0.625-18Y8	Nylon Lock Nut, 5/8-18 YZ8	1	
19	PIN-1.000X5.75Y	Pin, 1x5-3/4 YZ	1	
20	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	2	
21	T0050854	Anti Rotation Insert	4	
22	T0051588	Decal, Warning - Crush Hazard	1	
23	T0051737	Decal, Warn CrshHaz Serv WngWhl	1	
24	T0052826	Decal, Notice Trans Lock	1	
25	T0053164	Linkage, Wing Lift	2	
26	T0053715	Decal, Warn Crush Haz Crdl Lift	1	
27	T0053942	Decal, Danger-Wing Crsh Hzd	1	
28	TA00963	Cylinder, Hyd 3.00X20.00	1	
29	TA00979	Assy, Wing Engagement	1	
30	TA00980	Wing Lift Assy	1	
31	TA01243	Assy, Valve LH Fan Meter Cntrl	1	
32	TA01245	Assy, Fan	1	
33	TA01286	Assy, 36R22 LH Wing Shield	1	
34	TA01376	Wing Wheel Assy	1	
35	TW000611	Pin Weldment	1	
36	TW000717	Pin Weldment	1	
37	TW000794	Pin Weldment	1	
38	TW000906	Pin Weldment	1	
39	TW001394	Wdmt, 36R22 LH Wing	1	

Note:

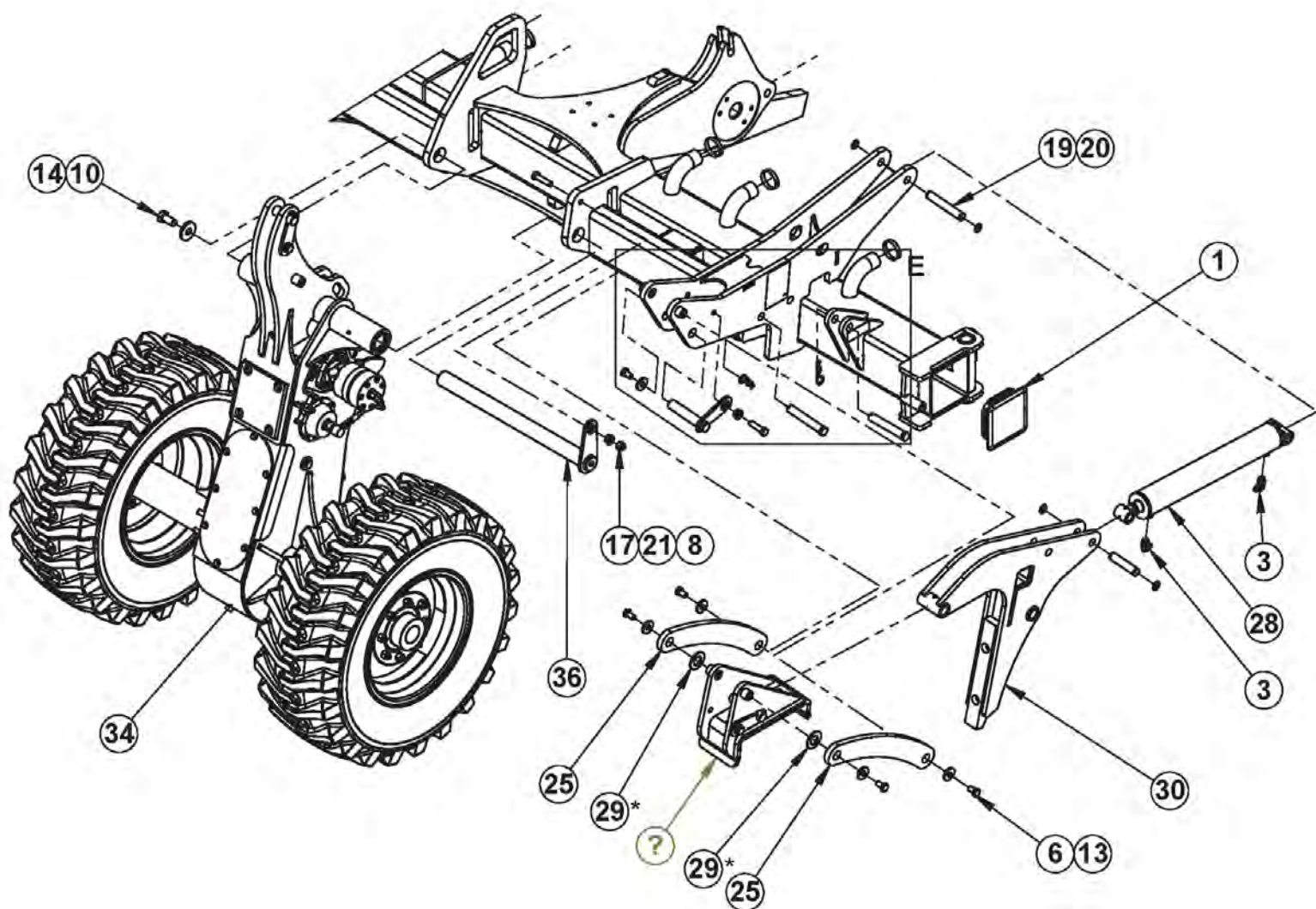
1. [T=XXX] = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified)
2. * Items marked with an asterisk are items that are included in that particular part or assembly



DETAIL D
SCALE 1:15



DETAIL E
SCALE 1:10

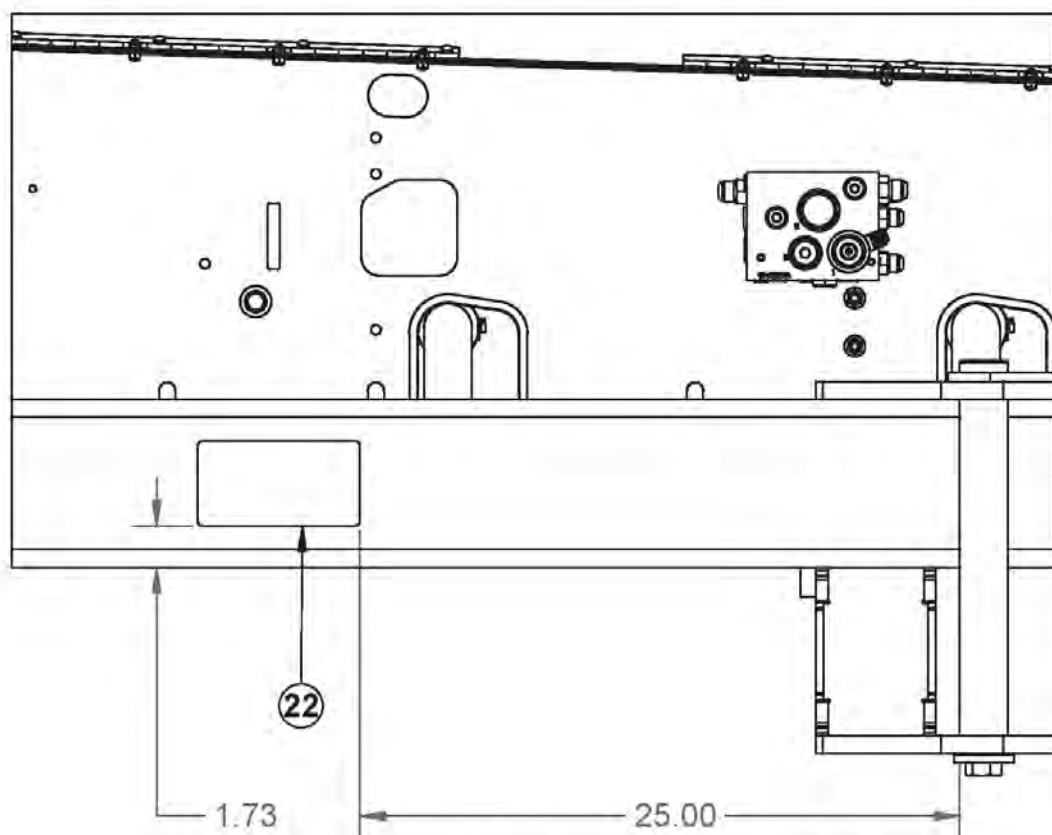


TA01396 Assy, 36R22 LH Base Wing

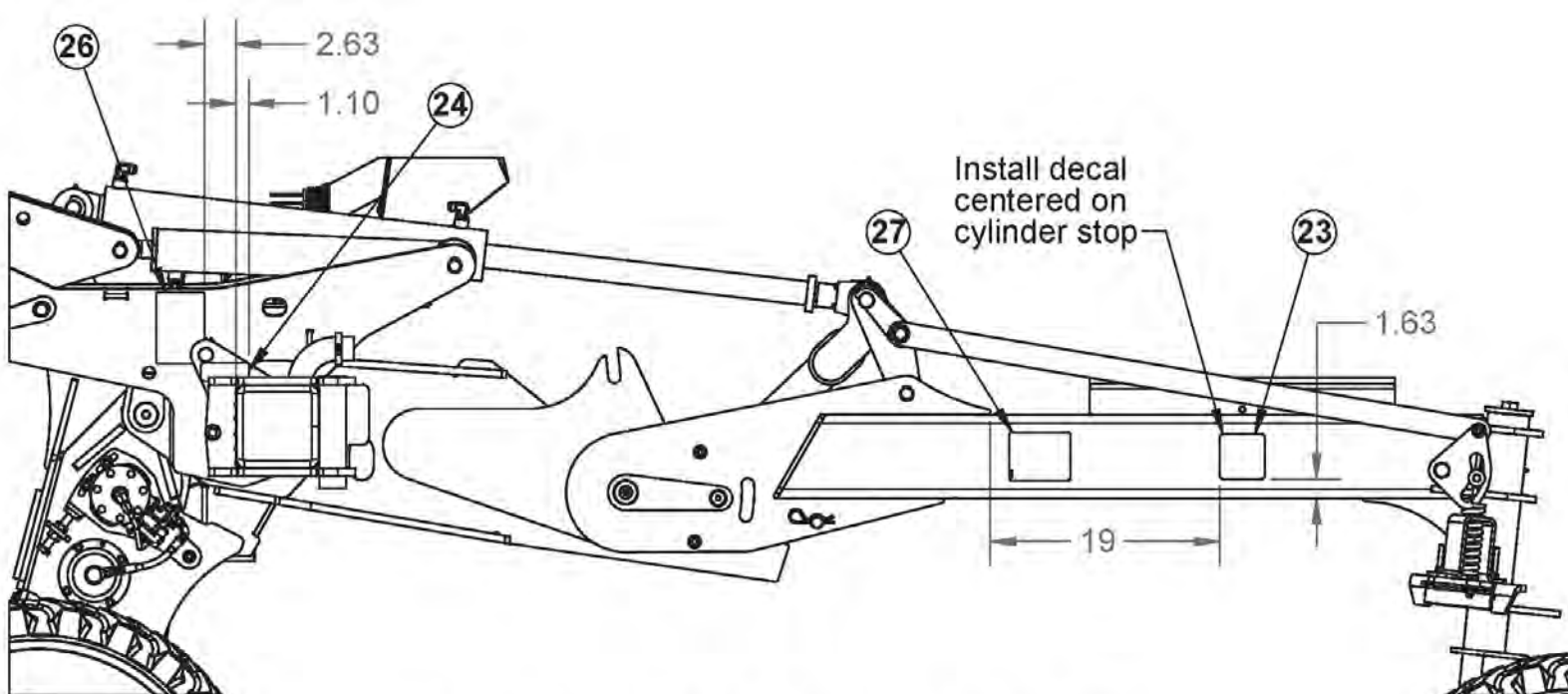
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	48106381	Vacuum Plug, 7" Sq	1	
3	AD-06MJ-08MB-90	Adapter, 06MJ-08MB 90	2	
4	AD-08MJ-CROSS	Adapter, 08MJ Cross	1	
5	CLPIN-1.000X6.00Y	Clevis Pin, 1x6 YZ	2	
6	HB-0.625-11X1.00Y8	Bolt, Hex Hd 5/8-11x1 YZ8	3	
7	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	2	
8	HB-0.625-11X2.50Y8	Bolt, Hex Hd 5/8-11x2-1/2 YZ8	1	
10	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4 YZ8	3	
13	HDWSH-0.64X1.75Y	HD Washer 41/64x1-3/4 YZ	3	
14	HDWSH-0.89X2.50Y	HD Washer, 57/64x2-1/2 YZ	2	
16	HPINCLIP-1.000Y	Hair Pin Clip, 1 YZ	2	
17	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	3	
18	NLNUT-0.625-18Y8	Nylon Lock Nut, 5/8-18 YZ8	1	
19	PIN-1.000X5.75Y	Pin, 1x5-3/4 YZ	1	
20	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	2	
21	T0050854	Anti Rotation Insert	4	
24	T0052826	Decal, Notice Trans Lock	1	
25	T0053164	Linkage, Wing Lift	2	
26	T0053715	Decal, Warn Crush Haz Crdl Lift	1	
28	TA00963	Cylinder, Hyd 3.00X20.00	1	
29	TA00979	Assy, Wing Engagement	1	
30	TA00980	Wing Lift Assy	1	
34	TA01376	Wing Wheel Assy	1	
36	TW000717	Pin Weldment	1	
38	TW000906	Pin Weldment	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.



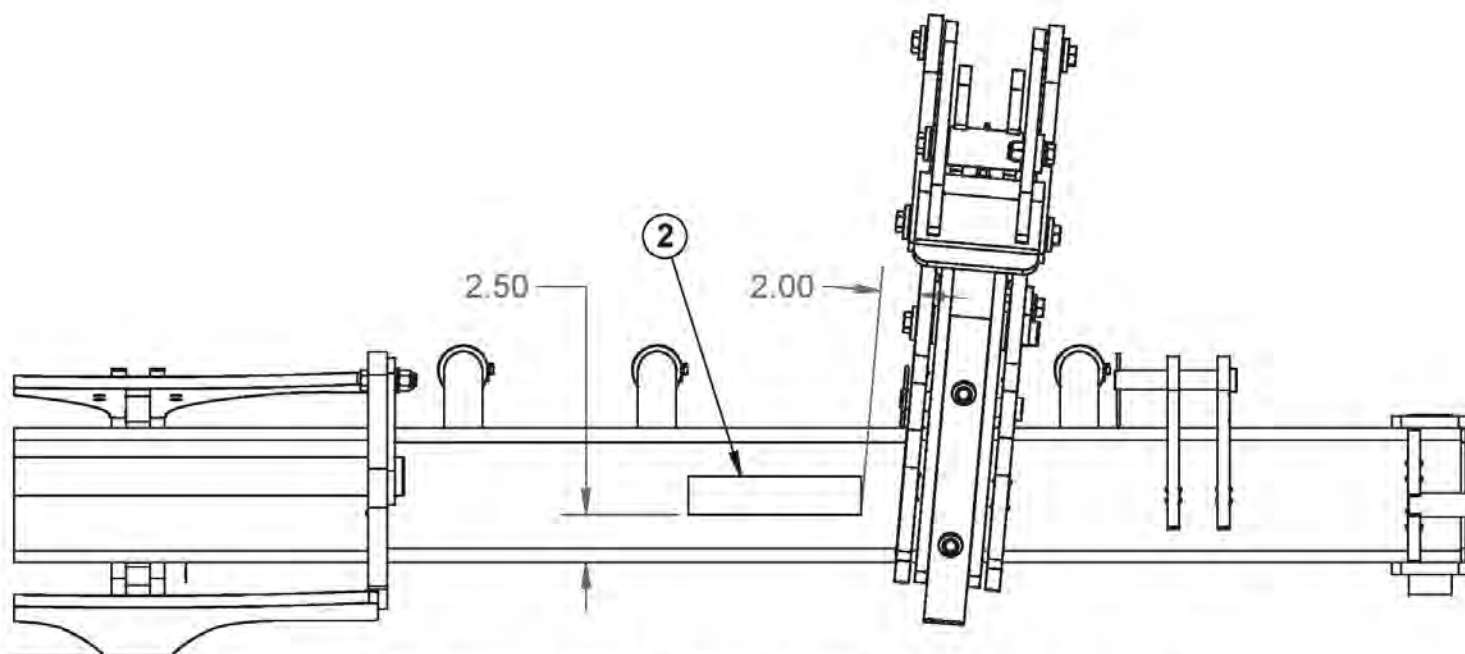
Looking towards back of machine near middle of left wing



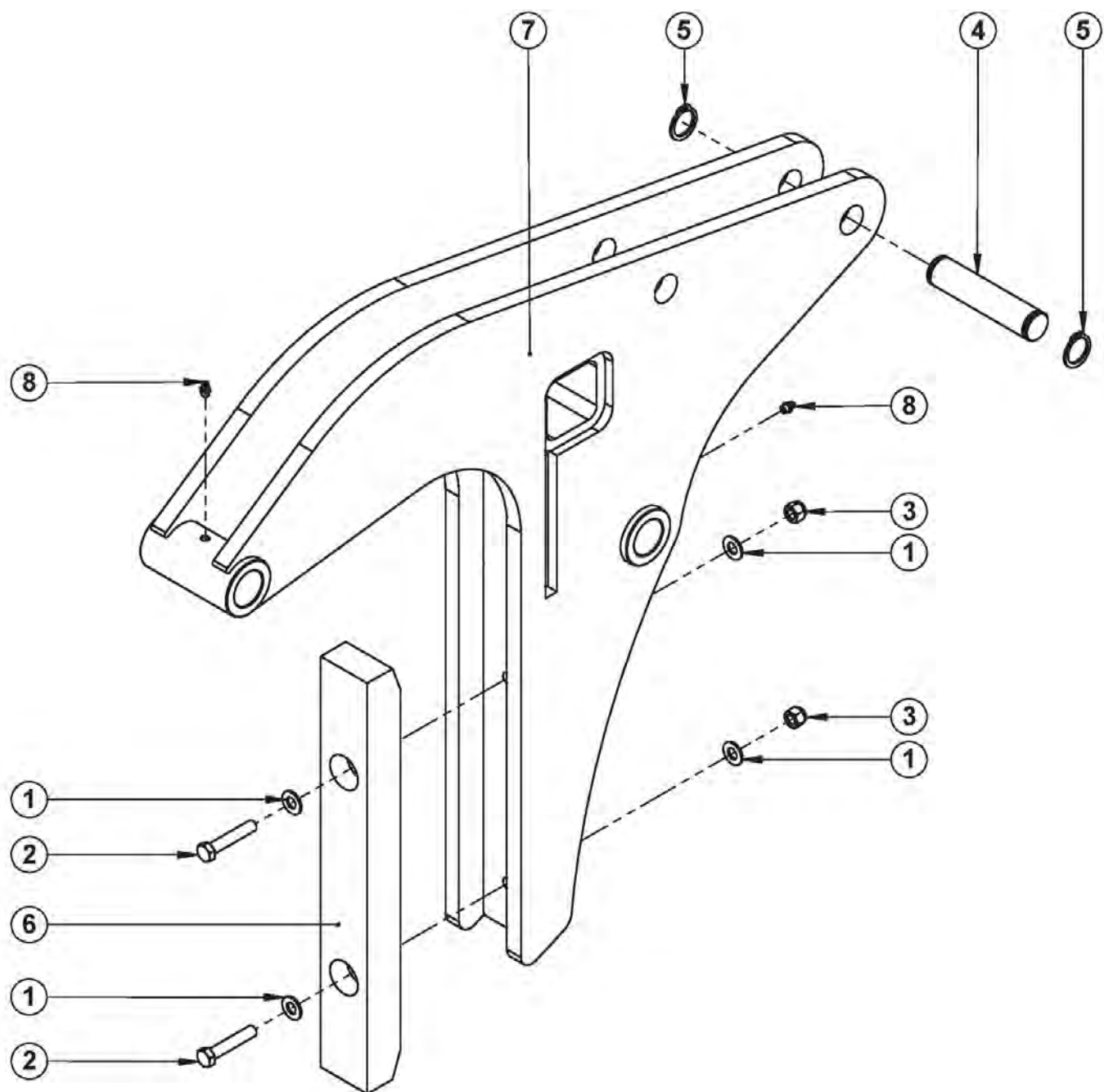
Looking towards center of machine from left end

TA01396 Assy, 36R22 LH Base Wing

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
2	90-44-0410	Decal, Reflector, Yellow-2x9	1	
22	T0051588	Decal, Warning - Crush Hazard	1	
23	T0051737	Decal, Warn CrshHaz Serv WngWhl	1	
24	T0052826	Decal, Notice Trans Lock	1	
26	T0053715	Decal, Warn Crush Haz Crdl Lift	1	
27	T0053942	Decal, Danger-Wing Crsh Hzd	1	

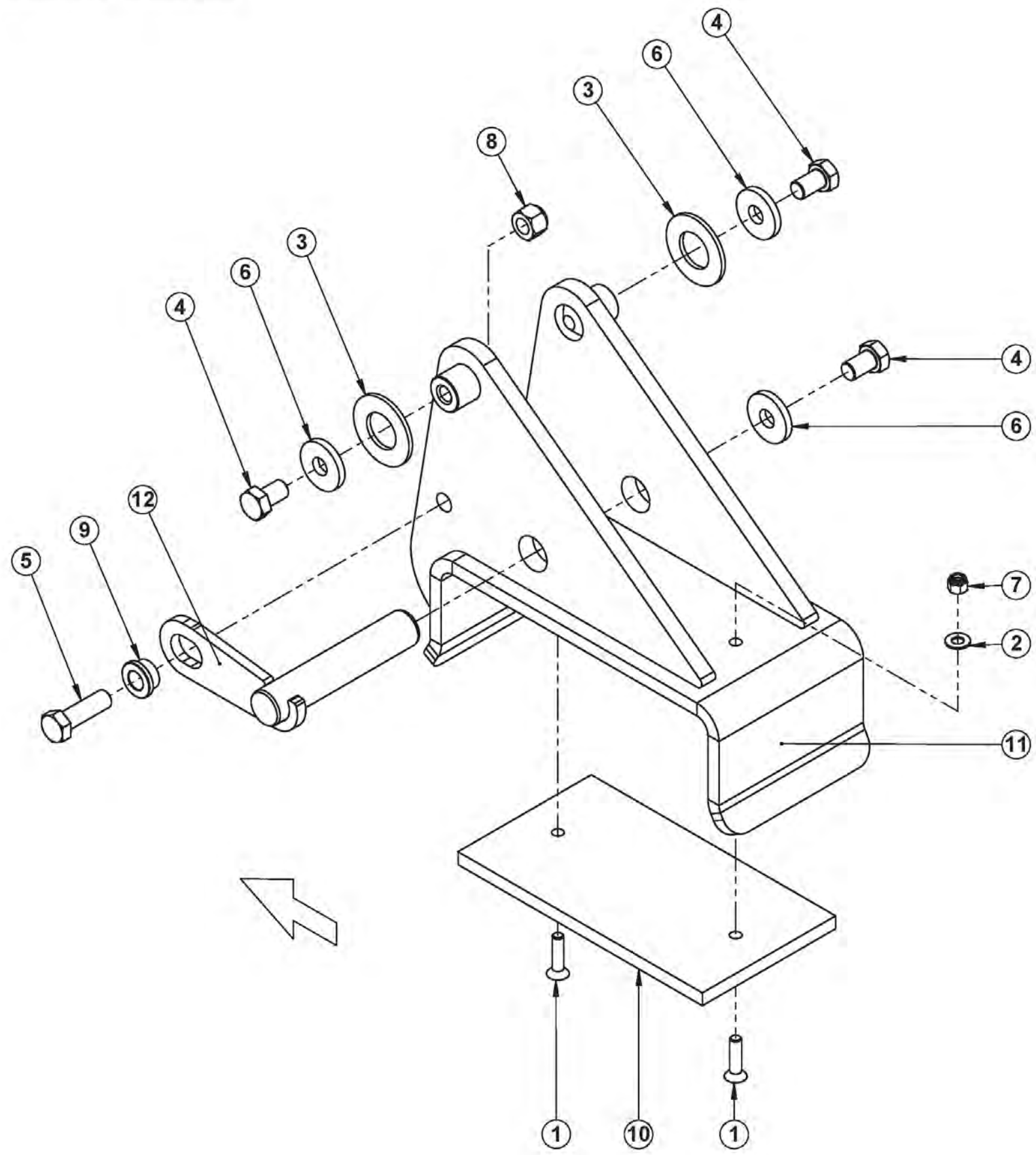


Looking towards back of machine right of the left wing wheel



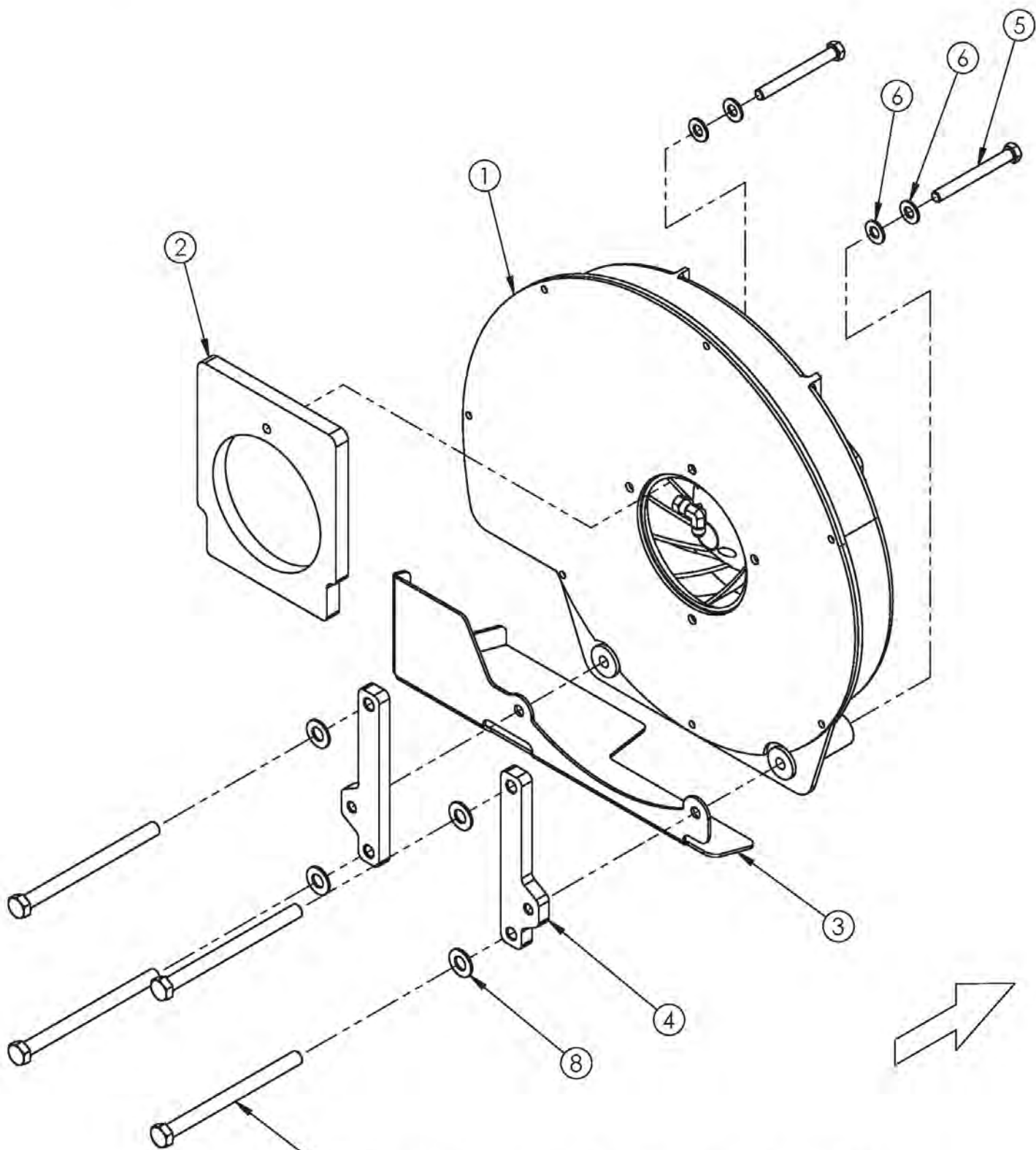
TA00980 Wing Lift Assy

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	Wdmt, Wing Lift	1	
8	ZERK-0.250-28	Zerk, 1/4-28	2	



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	



7 This Item replaces UBolt and Hex Nut supplied with Row Unit for mounting. Insert Item through Row Unit Mounting Brackets and Fasten to Fan Mount Plate.

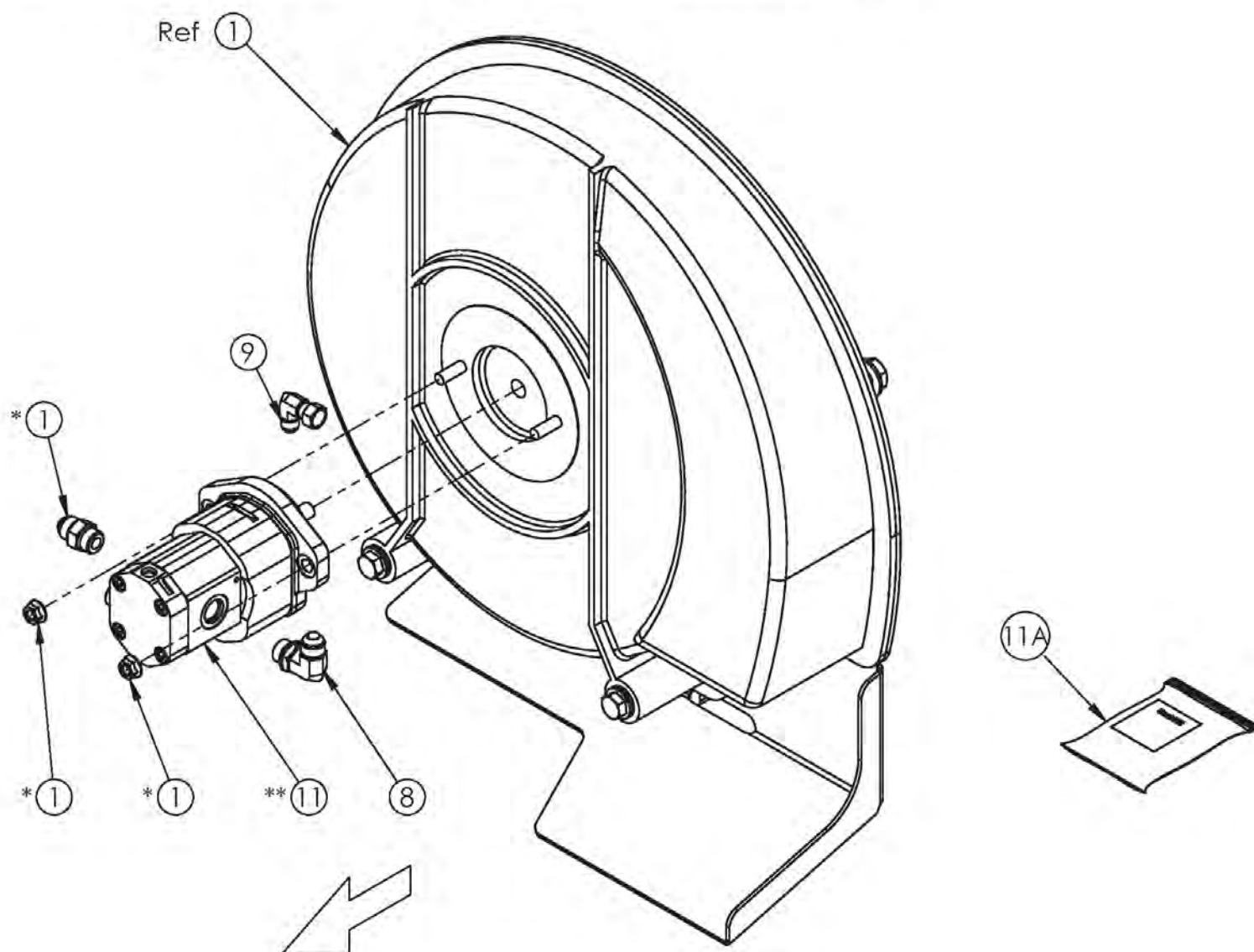
TA01245 Assy, Fan

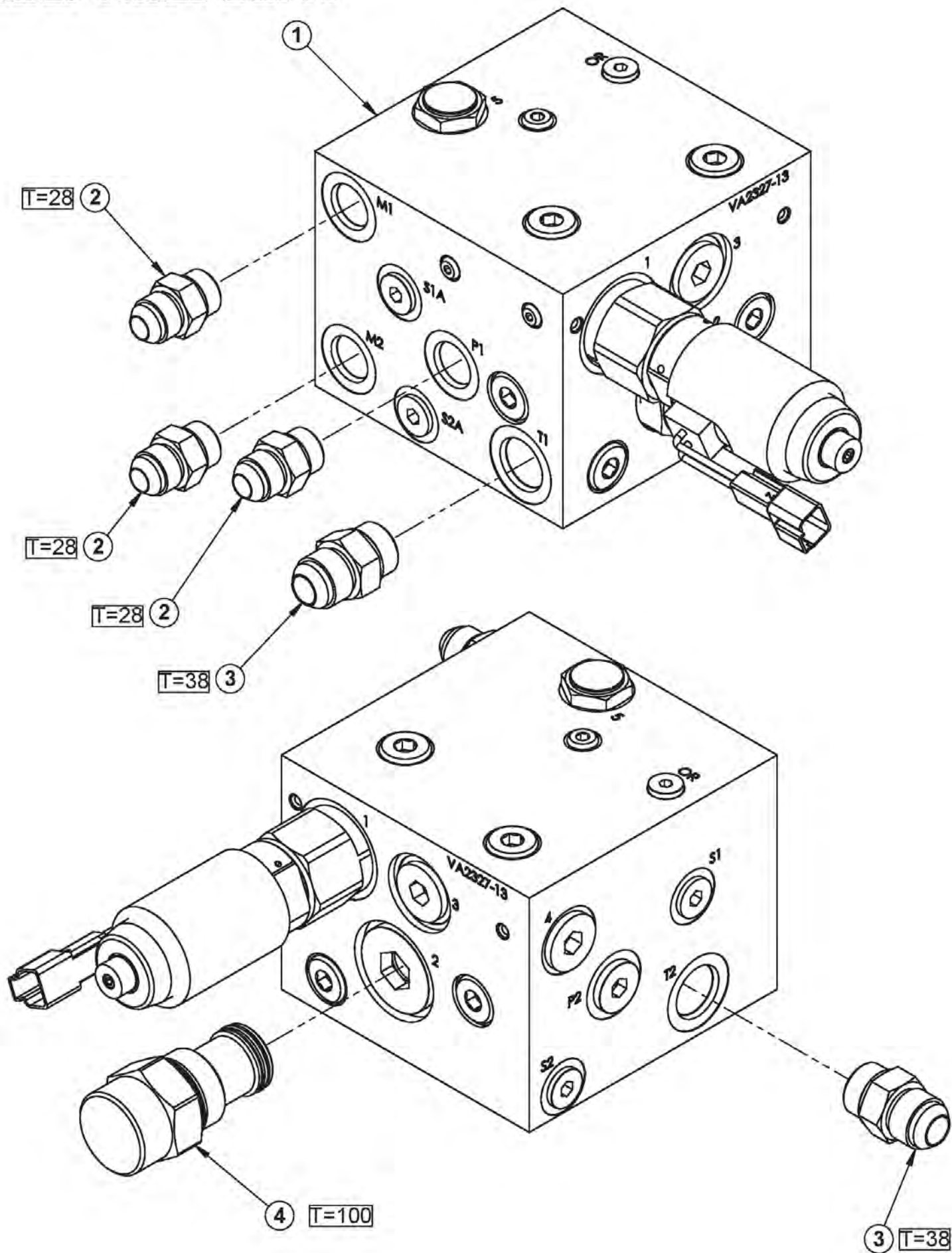
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TA01208	Fan, Vacuum w/Motor 6cc	1	
2	T0054664	Seal, Vac to Plenum	1	
3	TW000801	Wldmt, Fan Deflector	1	
4	T0054574	Mount, Row Unit/ Fan	2	
5	HB-0.500-13X4.50Y8	Bolt, Hex Hd 1/2-13x4-1/2-YZ8	2	
6	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	4	
7	HB-0.625-11X8.00Y8	Bolt, Hex Hd-5/8-11x8-YZ8	4	
8	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	4	
9	AD-08MJ-08MB-90	ADAPTER 08MJ-08MB 90	1	
10	AD-06MJ-06FJX-90	ADAPTER 06MJ-06FJX 90	1	
11	T0054396	Motor, Fan Drive 6cc	1	
11A	T0054656	Seal Kit, Fan Motor	1	

Note:

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

** Item 11 is included with Item 1, can be ordered separately if needed



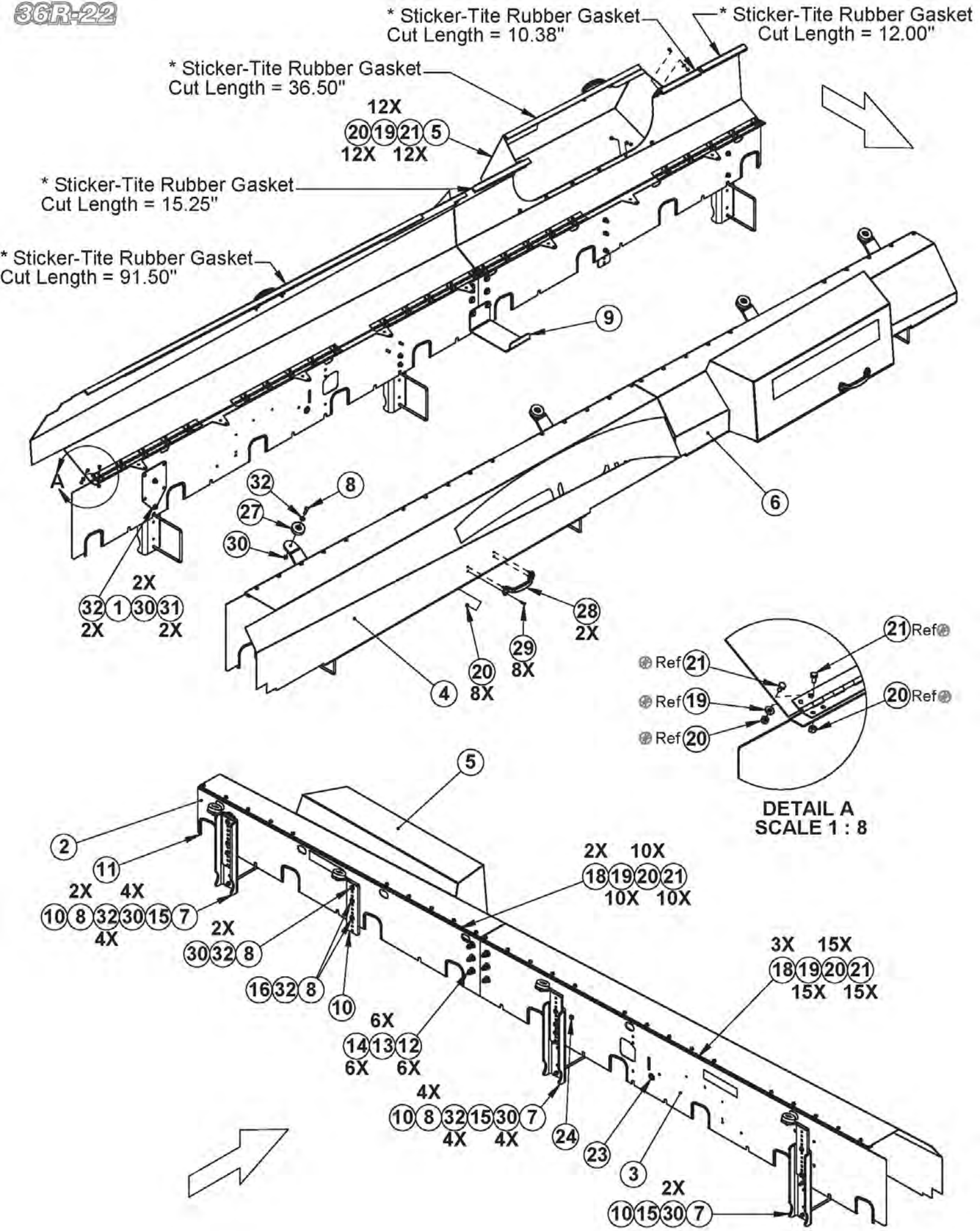


TA01243 Assy, Valve LH Fan Meter Cntrl

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

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.



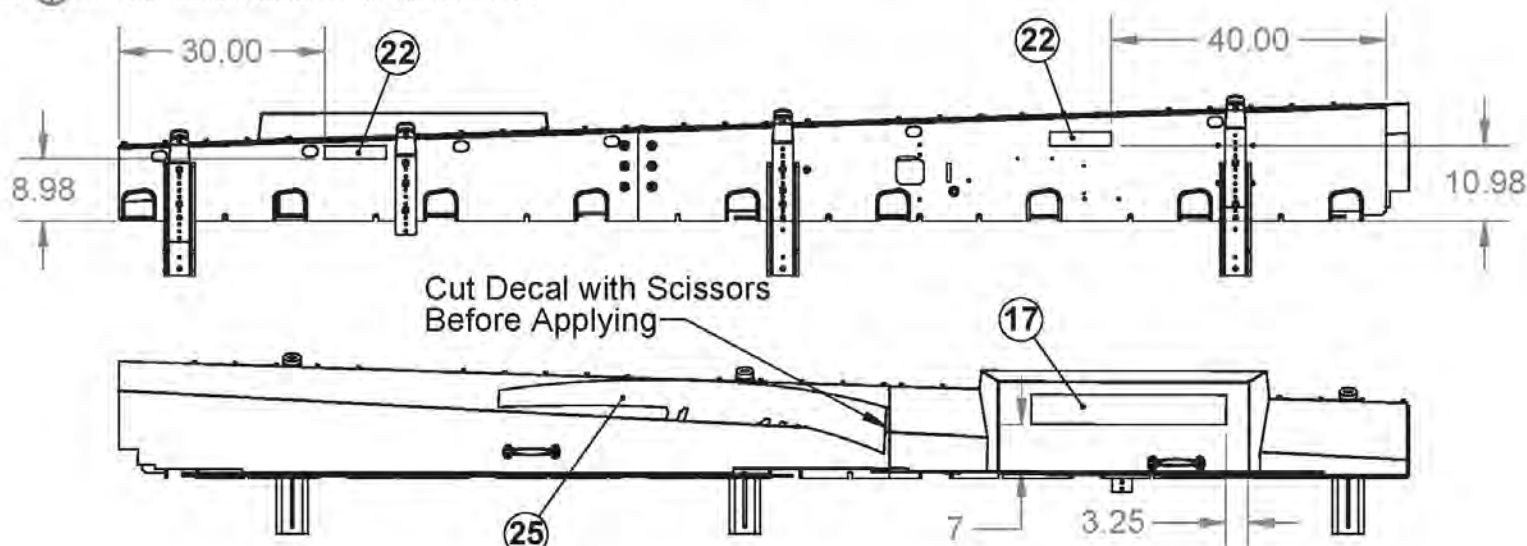
TA01286 Assy, 36R22 LH Wing Shield

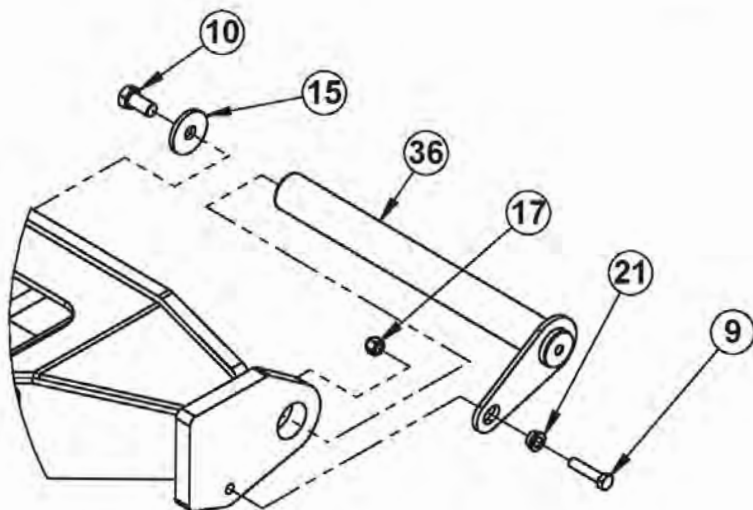
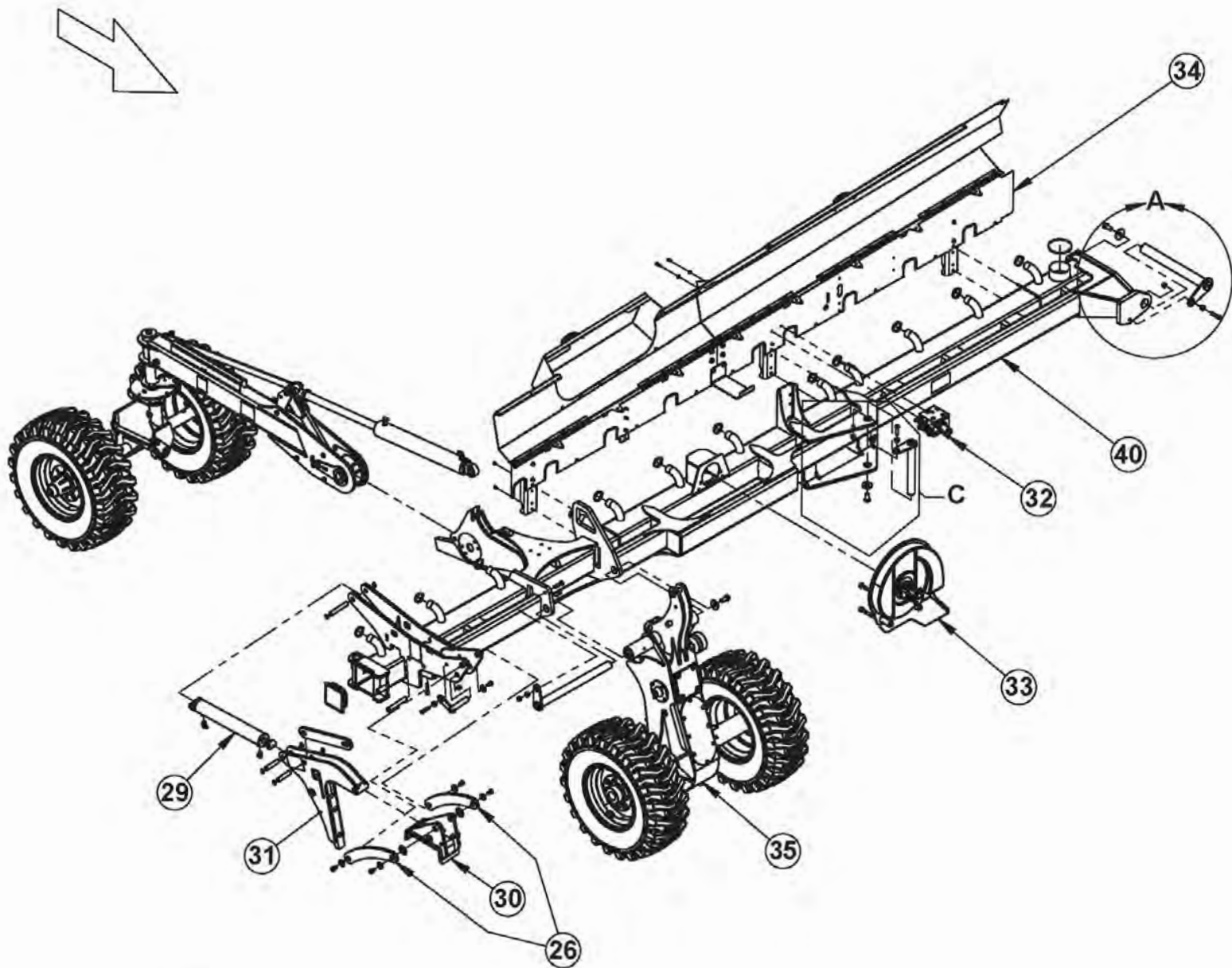
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0054607	Alternator Adaptor Plate	1	
2	T0054546	Support, LH Outer Wing Shield	1	
3	T0054547	Support, LH Inner Wing Shield	1	
4	T0054550	Shield, 36R22 LH Inner Wing	1	
5	T0054551	Cover, LH Wing Fan	1	
6	T0054549	Shield, LH Outer Wing	1	
7	T0054582	Shield Mount	3	
8	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	11	
9	T0054581	Bracket, Wing Shield	1	
10	T0054583	Mount, Shield Bumper	4	
11	T0052395	U-Trim, 3/8x1/16 (per ft)	9	
12	HB-0.500-13X1.75Y8	Bolt, Hex Hd 1/2-13x1-3/4 YZ8	6	
13	NLNUT-0.500-13Y8	Nut, Nylock 1/2-13 YZ8	6	
14	FW-USS-0.438Y	Washer, Flat-USS 7/16-YZ	12	
15	UB-0.38X7.0X7.0-SY2	3/8 X 7 X 7 U Bolt	3	
16	RN-0.375-16-.15-.31Y	Rivnut, 3/8-16 .150-.312 YZ	2	
17	T0053183	Decal, 36R-22 LH	1	
18	TA00851	Piano Hinge	5	
19	FW-SAE-0.250Y	Washer, SAE Flat 1/4-YZ	37	
20	NLNUT-0.250-20Y8	Nut, Nylock 1/4-20-YZ8	70	
21	HB-0.250-20X0.50Y8	Bolt, Hex Hd 1/4-20x1/2-YZ8	62	
22	T0051729	Decal, Reflector, Yellow-2x9	2	
23	T0053396	Grommet, Rubber	1	
24	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	1	
25	T0051664	Decal, YieldTrac With Arch LH	1	
26	T0051552	Sticker-Tite Rubber Gasket Cut Length 36.63"	14	
27	T0051481	Rubber Stop	4	
28	T0051467	Handle	2	
29	OHPMS-.250-20X1.00SS	Screw, Ovl Hd Mach 1/4-20x1 SS	8	
30	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	17	
31	HB-0.375-16X1.75Y8	Bolt, Hex Hd-3/8-16x1-3/4-YZ8	3	
32	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	22	

Notes:

1. * Sold as a roll, P/N T0051552, Gasket - Rubber (25' Roll)

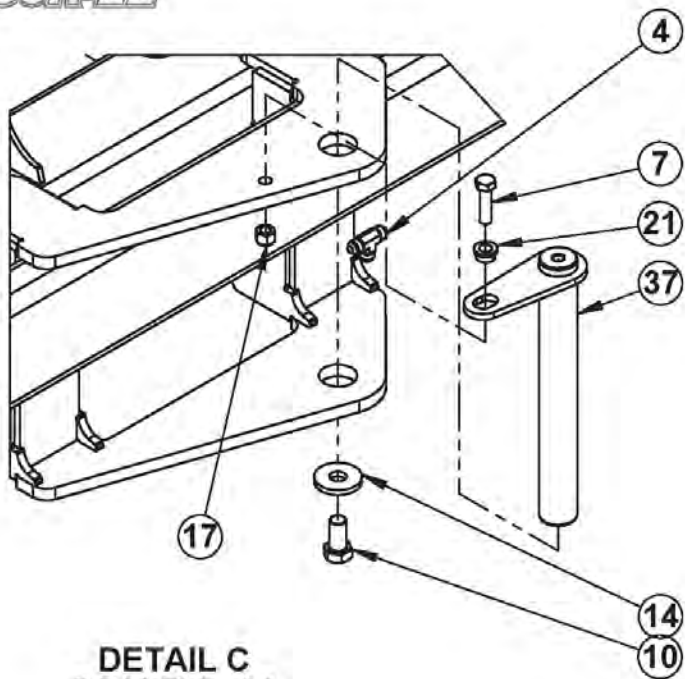
2.  =Note orientations of hardware.



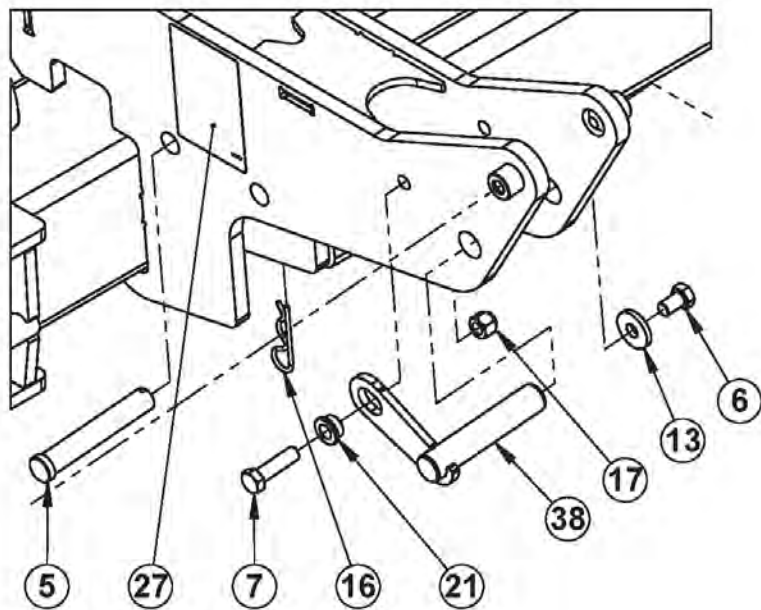


DETAIL A
SCALE 1 : 12

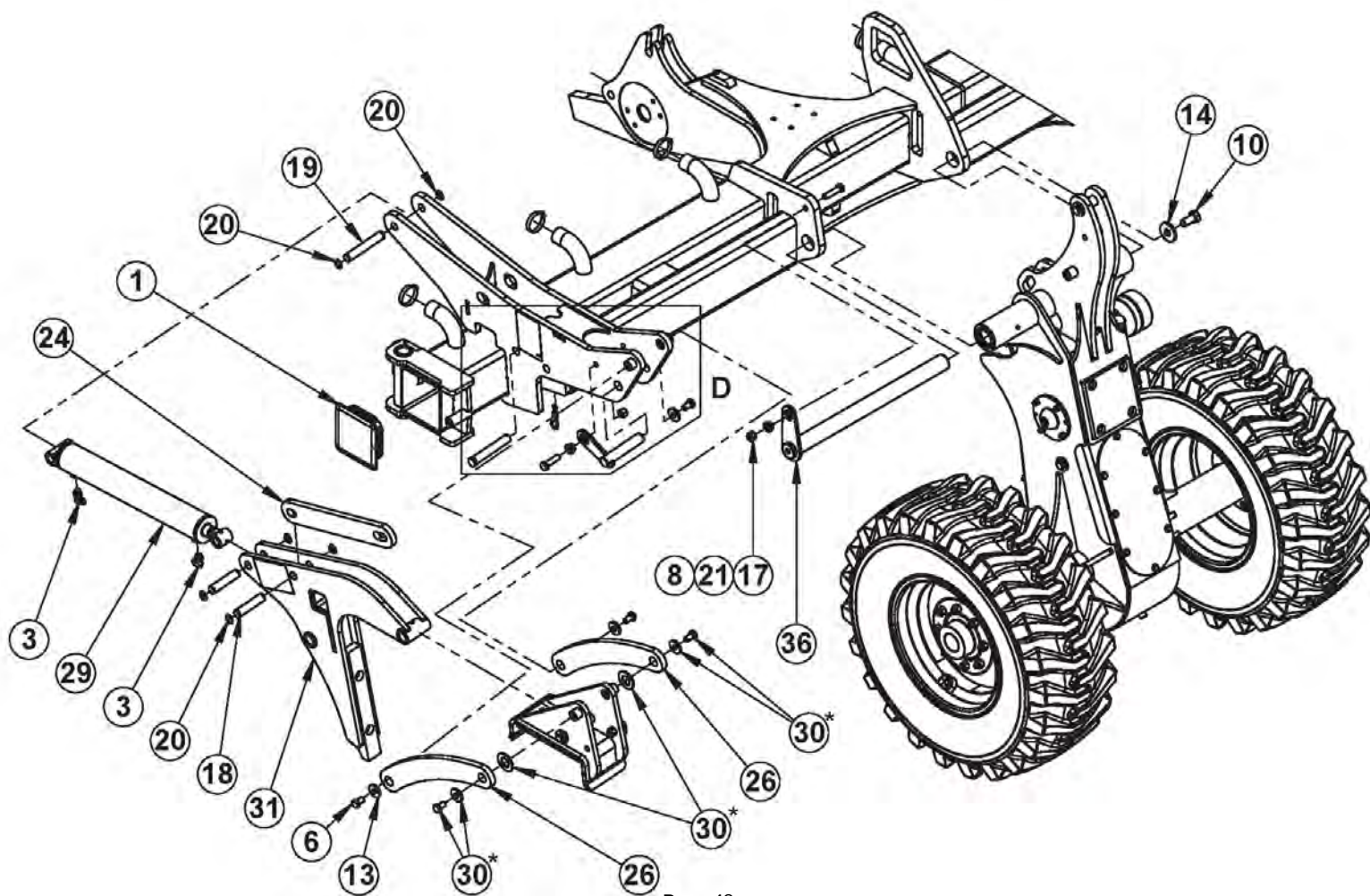
TA01397 Assy, 36R22 RH Wing Base				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	48106381	Vacuum Plug, 7" Sq	1	
2	90-44-0410	Decal, Reflector, Yellow-2x9	1	
3	AD-06MJ-08MB-90	Adapter, 06MJ-08MB 90	2	
4	AD-08MJ-08MJ-08MJ	Adapter, 08MJ-08MJ-08MJ Tee	1	
5	CLPIN-1.000X6.00Y	Clevis Pin, 1x6 YZ	1	
6	HB-0.625-11X1.00Y8	Bolt, Hex Hd 5/8-11x1 YZ8	3	
7	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	2	
8	HB-0.625-11X2.50Y8	Bolt, Hex Hd 5/8-11x2-1/2 YZ8	1	
9	HB-0.625-11X2.75Y8	Bolt, Hex Hd 5/8-11x2-3/4 YZ8	1	
10	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4 YZ8	3	
11	HCLMP-SAE-32SS	Hose Clamp, SAE #32 SS	12	
12	HCLMP-SAE-612SS	Hose Clamp, SAE #612 SS	1	
13	HDWSH-0.64X1.75Y	HD Washer 41/64x1-3/4 YZ	3	
14	HDWSH-0.89X2.50Y	HD Washer, 57/64x2-1/2 YZ	2	
15	HDWSH-0.89X3.00Y	HD Washer, 57/64x3 YZ	1	
16	HPINCLIP-1.000Y	Hair Pin Clip, 1 YZ	1	
17	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	4	
18	PIN-1.000X4.13Y	Pin, 1x4-1/8 YZ	1	
19	PIN-1.000X5.75Y	Pin, 1x5-3/4 YZ	1	
20	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	4	
21	T0050854	Anti Rotation Insert	4	
22	T0051588	Decal, Warning - Crush Hazard	1	
23	T0051737	Decal, Warn CrshHaz Serv WngVhl	1	
24	T0052718	Linkage, Transport Lock	1	
25	T0052802	Decal, Warn-Crush Haz Lift Cyl	1	
26	T0053164	Linkage, Wing Lift	2	
27	T0053715	Decal, Warn Crush Haz Crdl Lift	1	
28	T0053942	Decal, Danger-Wing Crsh Hzd	1	
29	TA00963	Cylinder, Hyd 3.00X20.00	1	
30	TA00979	Assy, Wing Engagement	1	
31	TA00980	Wing Lift Assy	1	
32	TA01244	Assy, RH Fan&Meter Cntl Valve	1	
33	TA01245	Assy, Fan	1	
34	TA01287	Assy, 36R22 RH Wing Shield	1	
35	TA01376	Wing Wheel Assy	1	
36	TW000611	Pin Weldment	1	
37	TW000717	Pin Weldment	1	
38	TW000794	Pin Weldment	1	
39	TW000906	Pin Weldment	1	
40	TW001395	Wldmt, 36R22 RH Wing	1	



DETAIL C
SCALE 1 : 10



DETAIL D
SCALE 1 : 8

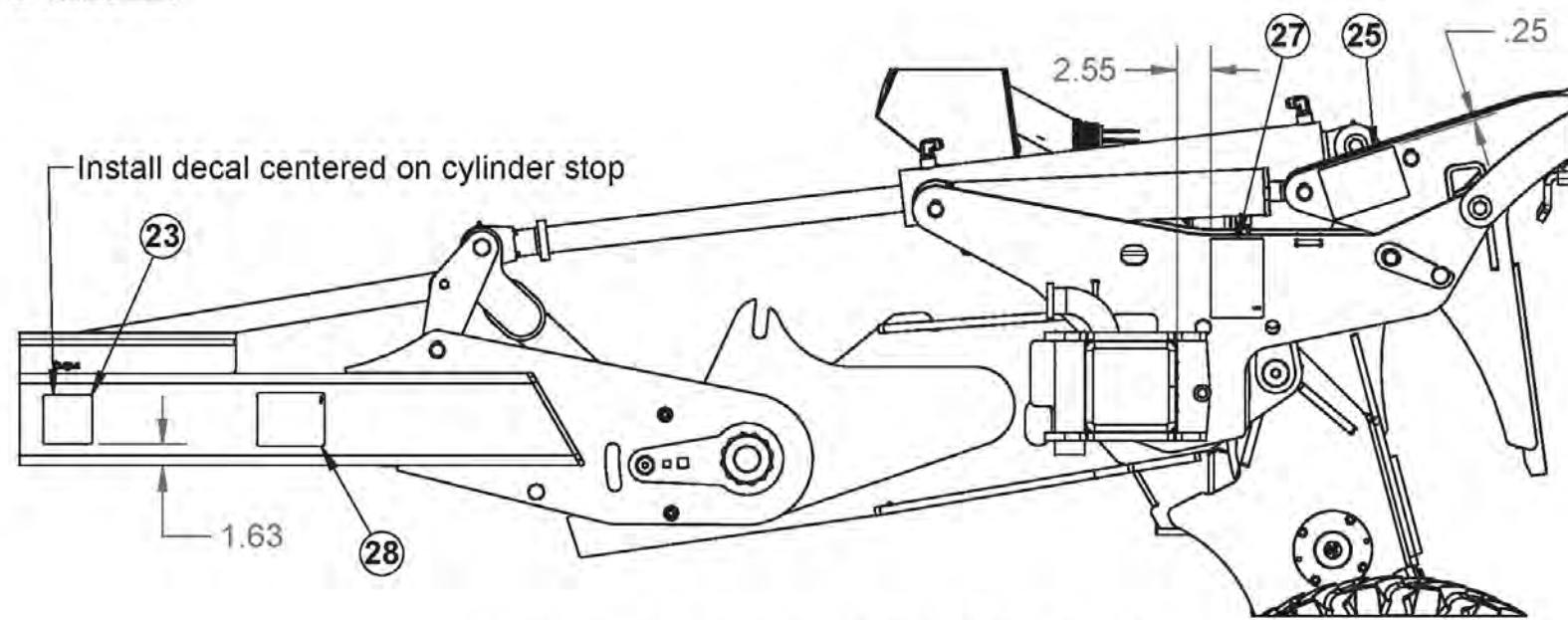


TA01397 Assy, 36R22 RH Wing Base

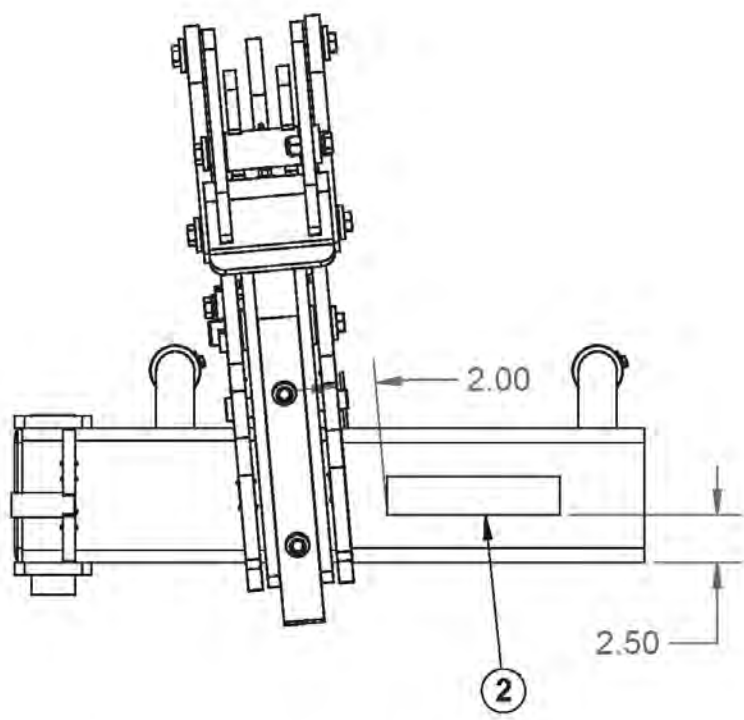
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	48106381	Vacuum Plug, 7" Sq	1	
3	AD-06MJ-08MB-90	Adapter, 06MJ-08MB 90	2	
4	AD-08MJ-08MJ-08MJ	Adapter, 08MJ-08MJ-08MJ Tee	1	
5	CLPIN-1.000X6.00Y	Clevis Pin, 1x6 YZ	1	
6	HB-0.625-11X1.00Y8	Bolt, Hex Hd 5/8-11x1 YZ8	3	
7	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	2	
8	HB-0.625-11X2.50Y8	Bolt, Hex Hd 5/8-11x2-1/2 YZ8	1	
10	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4 YZ8	3	
13	HDWSH-0.64X1.75Y	HD Washer 41/64x1-3/4 YZ	3	
14	HDWSH-0.89X2.50Y	HD Washer, 57/64x2-1/2 YZ	2	
16	HPINCLIP-1.000Y	Hair Pin Clip, 1 YZ	1	
17	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	4	
18	PIN-1.000X4.13Y	Pin, 1x4-1/8 YZ	1	
19	PIN-1.000X5.75Y	Pin, 1x5-3/4 YZ	1	
20	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	4	
21	T0050854	Anti Rotation Insert	4	
24	T0052718	Linkage, Transport Lock	1	
26	T0053164	Linkage, Wing Lift	2	
27	T0053715	Decal, Warn Crush Haz Crdl Lift	1	
29	TA00963	Cylinder, Hyd 3.00X20.00	1	
30	TA00979	Assy, Wing Engagement	1	
31	TA00980	Wing Lift Assy	1	
36	TW000717	Pin Weldment	1	
37	TW000794	Pin Weldment	1	
38	TW000906	Pin Weldment	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.

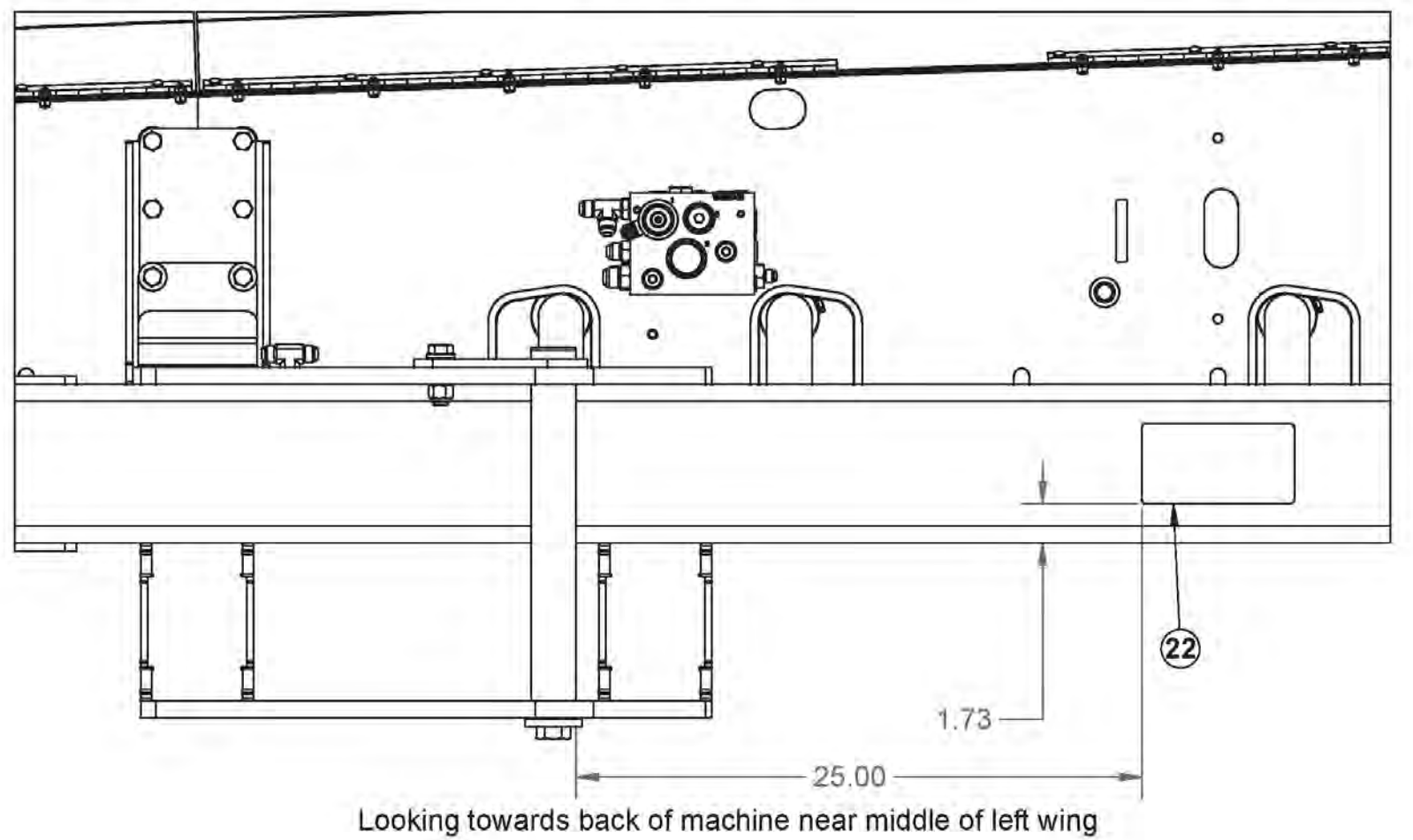


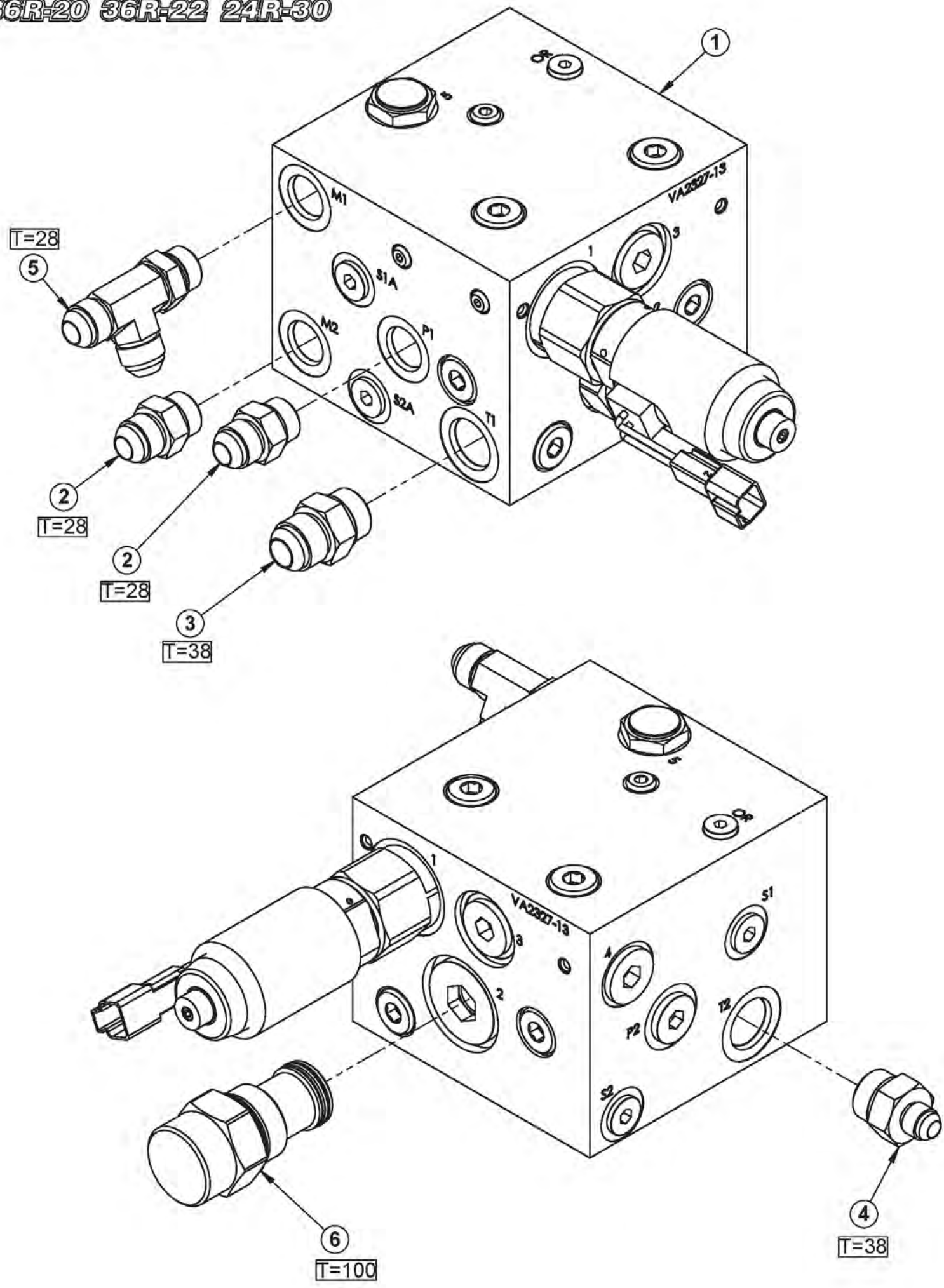
Looking towards center of machine from right end



Looking towards back of machine from end row unit

TA01397 Assy, 36R22 RH Wing Base				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
2	90-44-0410	Decal, Reflector, Yellow-2x9	1	
22	T0051588	Decal, Warning - Crush Hazard	1	
23	T0051737	Decal, Warn CrshHaz Serv WngWhl	1	
25	T0052802	Decal, Warn-Crush Haz Lift Cyl	1	
27	T0053715	Decal, Warn Crush Haz Crdl Lift	1	
28	T0053942	Decal, Danger-Wing Crsh Hzd	1	



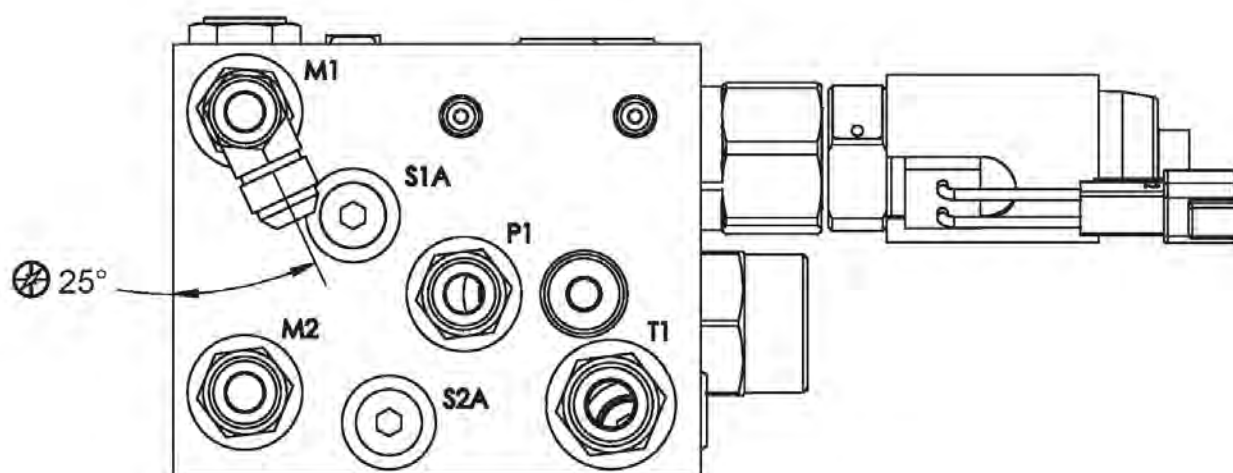


TA01244 Assy, RH Fan&Meter Cntl Valve

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0054381	Assy, Fan Ctrl Valve	1	
2	AD-08MJ-08MB	ADAPTER 08MJ-08MB	2	28
3	AD-10MJ-10MB	ADAPTER 10MJ-10MB	1	38
4	AD-06MJ-10MB	ADAPTER 06MJ-10MB	1	38
5	AD-08MJ-08MB-08MJ	ADAPTER 08MJ-08MB-08MJ TEE	1	28
6	T0055197	Cartridge, Flow Control 9.0 GPM	1	100

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.  Part Orientation



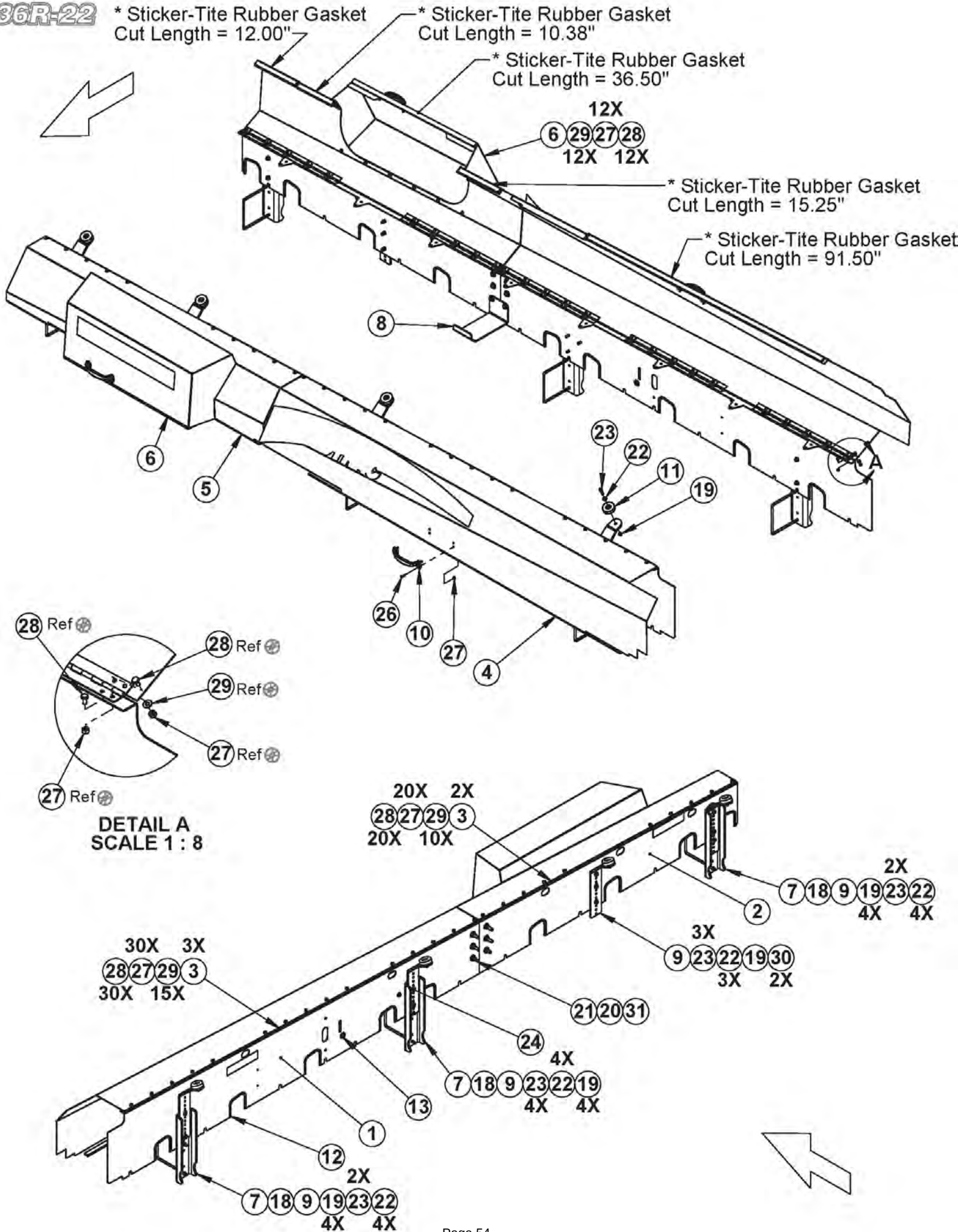
* Sticker-Tite Rubber Gasket
Cut Length = 12.00"

* Sticker-Tite Rubber Gasket
Cut Length = 10.38"

* Sticker-Tite Rubber Gasket
Cut Length = 36.50"

* Sticker-Tite Rubber Gasket
Cut Length = 15.25"

* Sticker-Tite Rubber Gasket
Cut Length = 91.50"

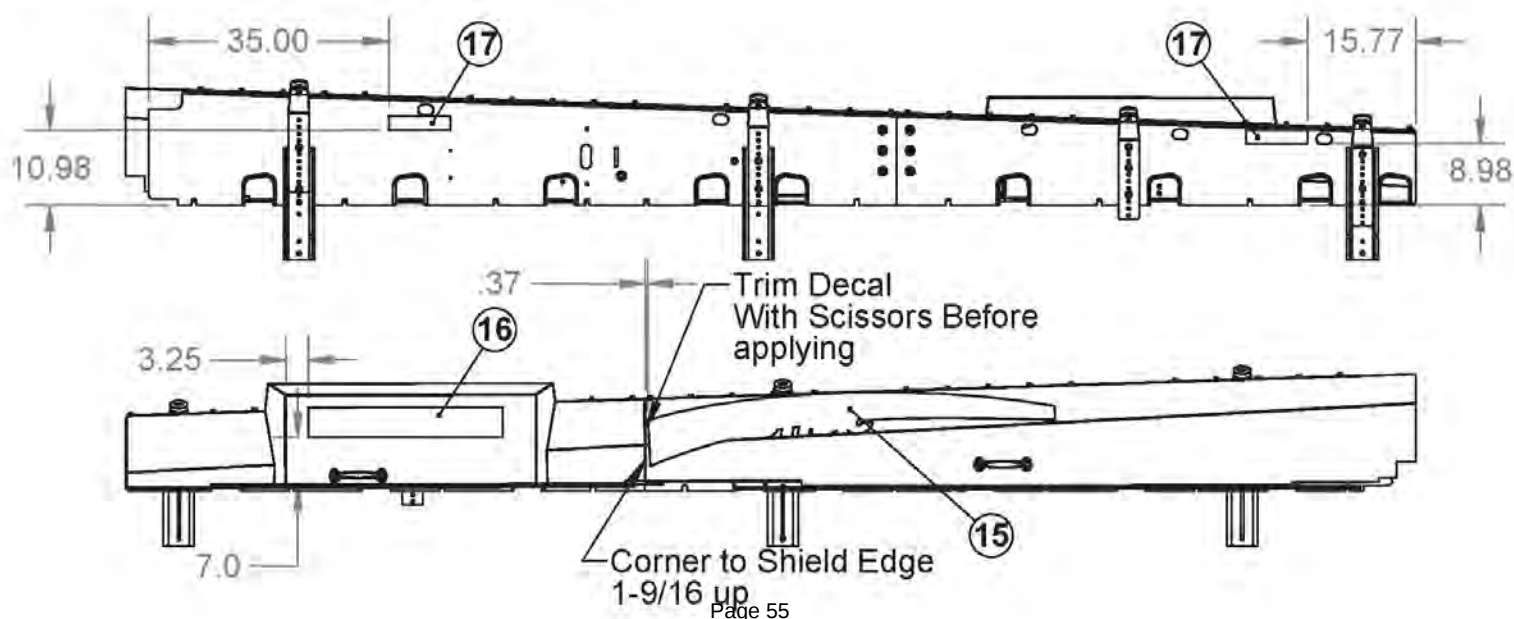


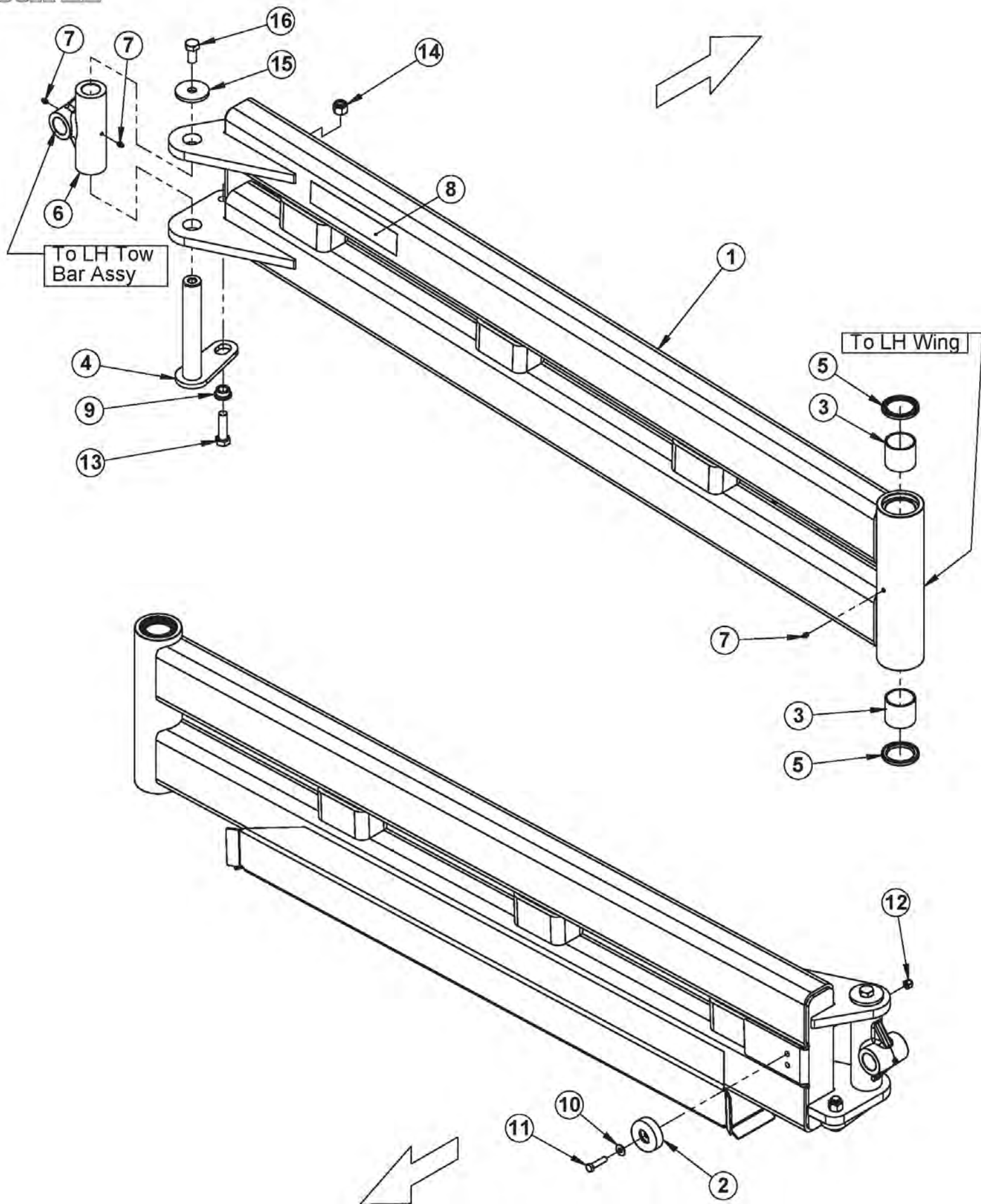
TA01287 Assy, 36R22 RH Wing Shield

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0054588	Support, RH Inner Wing Shield	1	
2	T0054589	Support, RH Outer Wing Shield	1	
3	TA00851	Piano Hinge	5	
4	T0054584	Shield, 36R22 RH Inner Wing	1	
5	T0054585	Shield, 36R22 RH Outer Wing	1	
6	T0054586	Cover, RH Fan	1	
7	T0054582	Shield Mount	3	
8	T0054581	Bracket, Wing Shield	1	
9	T0054583	Mount, Shield Bumper	4	
10	T0051467	Handle	2	
11	T0051481	Rubber Stop	4	
12	T0052395	U-Trim, 3/8x1/16 (per ft)	9	
13	T0053396	Grommet, Rubber	1	
14	T0051552	Sticker-Tite Rubber Gasket Cut Length 36.63"	1	
15	T0051663	Decal, YieldTrac With Arch RH	1	
16	T0053184	Decal, 36R-22 RH	1	
17	T0051729	Decal, Reflector, Yellow-2x9	2	
18	UB-0.38X7.0X7.0-SY2	3/8 X 7 X 7 U Bolt	3	
19	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	15	
20	FW-USS-0.438Y	Washer, Flat-USS 7/16-YZ	12	
21	HB-0.500-13X2.00Y8	Bolt, Hex Hd 1/2-13x2 YZ8	6	
22	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	19	
23	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	12	
24	HB-0.375-16X1.75Y8	Bolt, Hex Hd-3/8-16x1-3/4-YZ8	1	
25	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	1	
26	OHPMS-.250-20X1.00SS	Screw, Ovl Hd Mach 1/4-20x1 SS	8	
27	NLNUT-0.250-20Y8	Nut, Nylock 1/4-20-YZ8	70	
28	HB-0.250-20X0.50Y8	Bolt, Hex Hd 1/4-20x1/2-YZ8	62	
29	FW-SAE-0.250Y	Washer, SAE Flat 1/4-YZ	37	
30	RN-0.375-16-.15-.31Y	Rivnut, 3/8-16 .150-.312 YZ	2	
31	NLNUT-0.500-13Y8	Nut, Nylock 1/2-13 YZ8	6	

Notes:

- * Sold as a roll, P/N T0051522, Gasket - Rubber (25' Roll)
- ⊗=Note orientations of hardware.



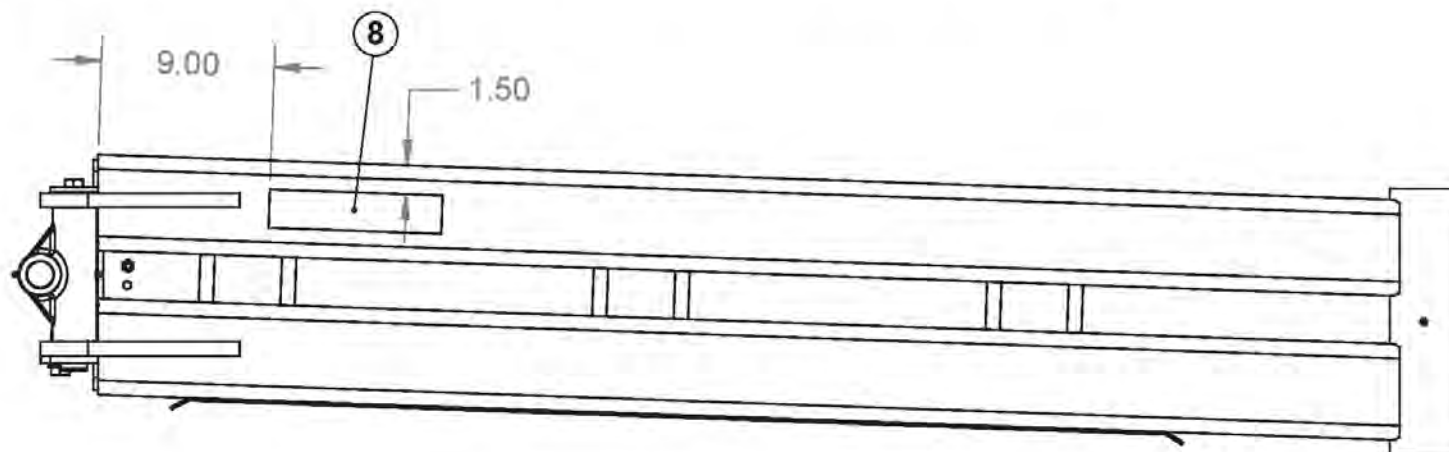


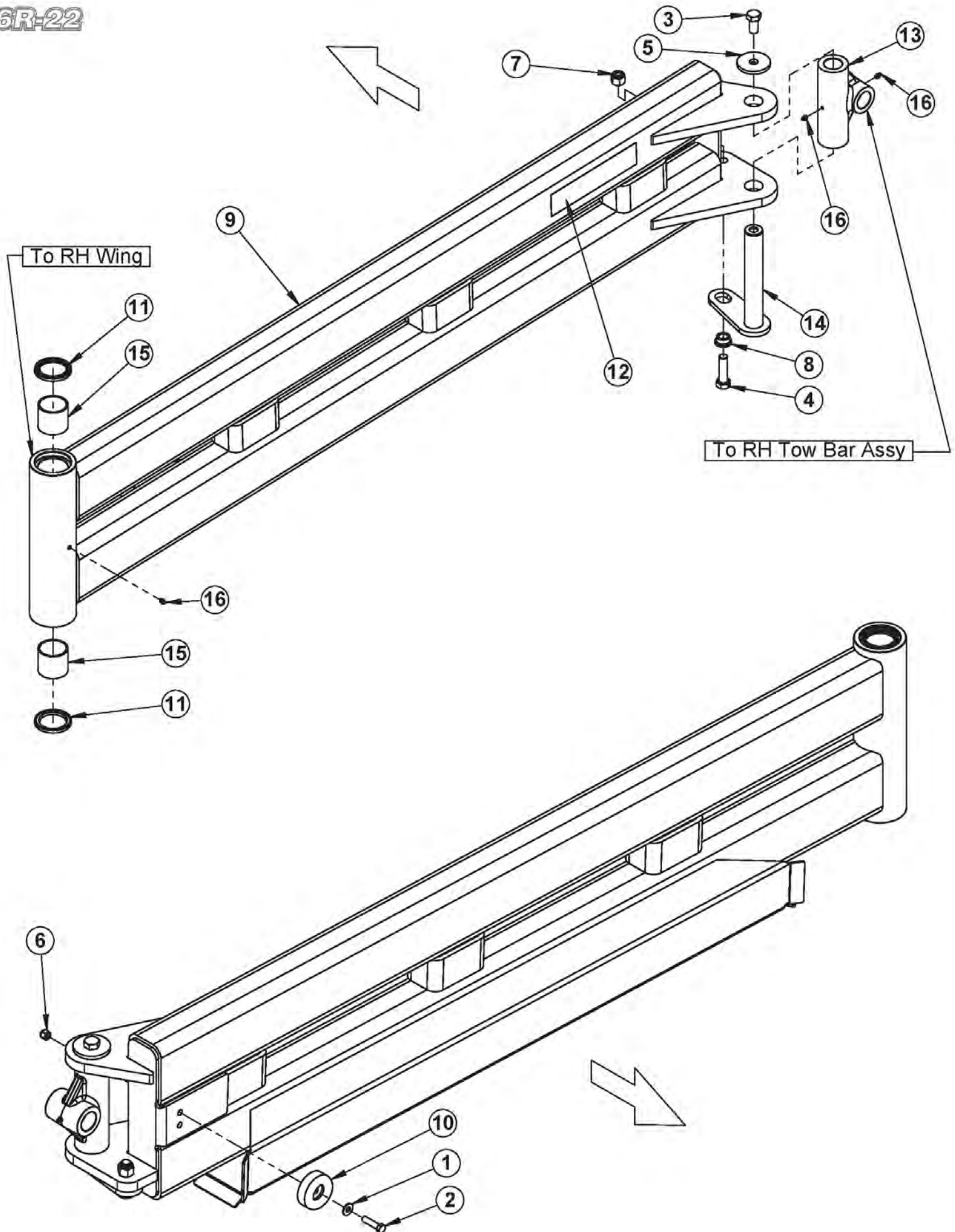
TA01360 Assy, Tow Bar Gate - LH

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW001215	Wldmt, LH Towbar 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.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



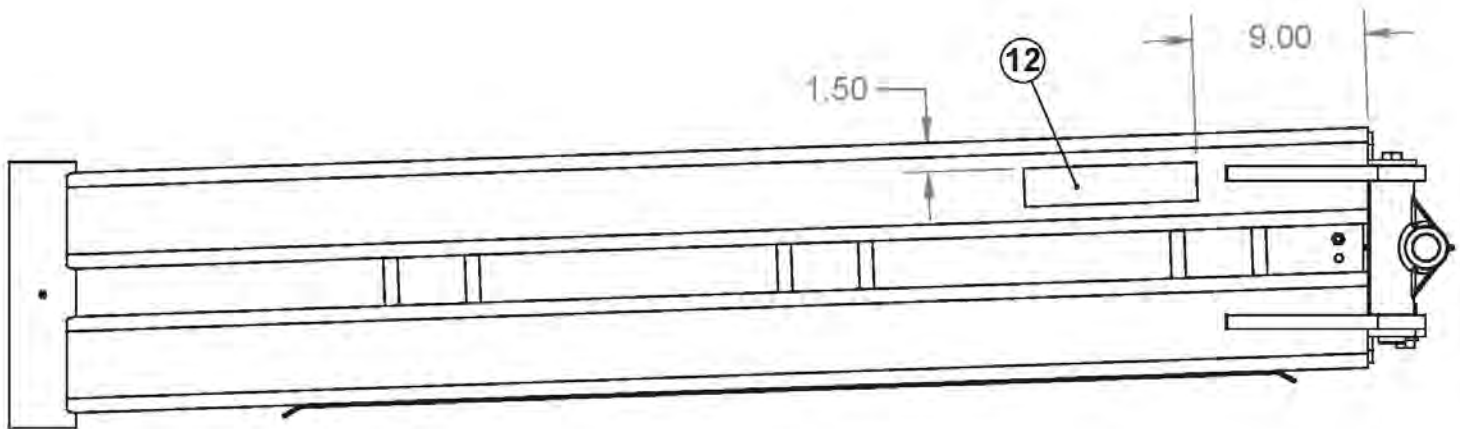


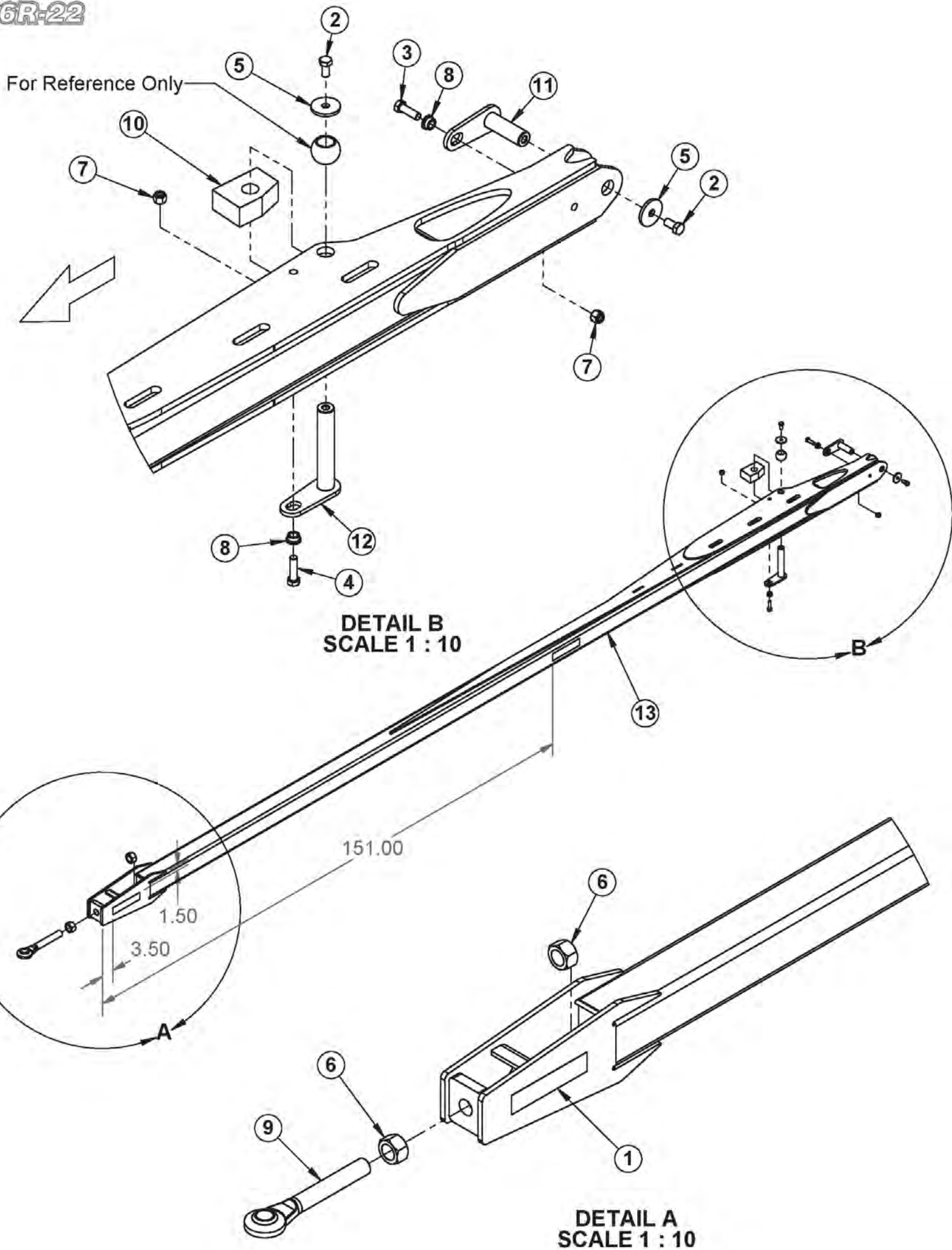
TA01361 Assy, Tow Bar Gate - RH

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	TW001216	Wdmt, RH Towbar 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:

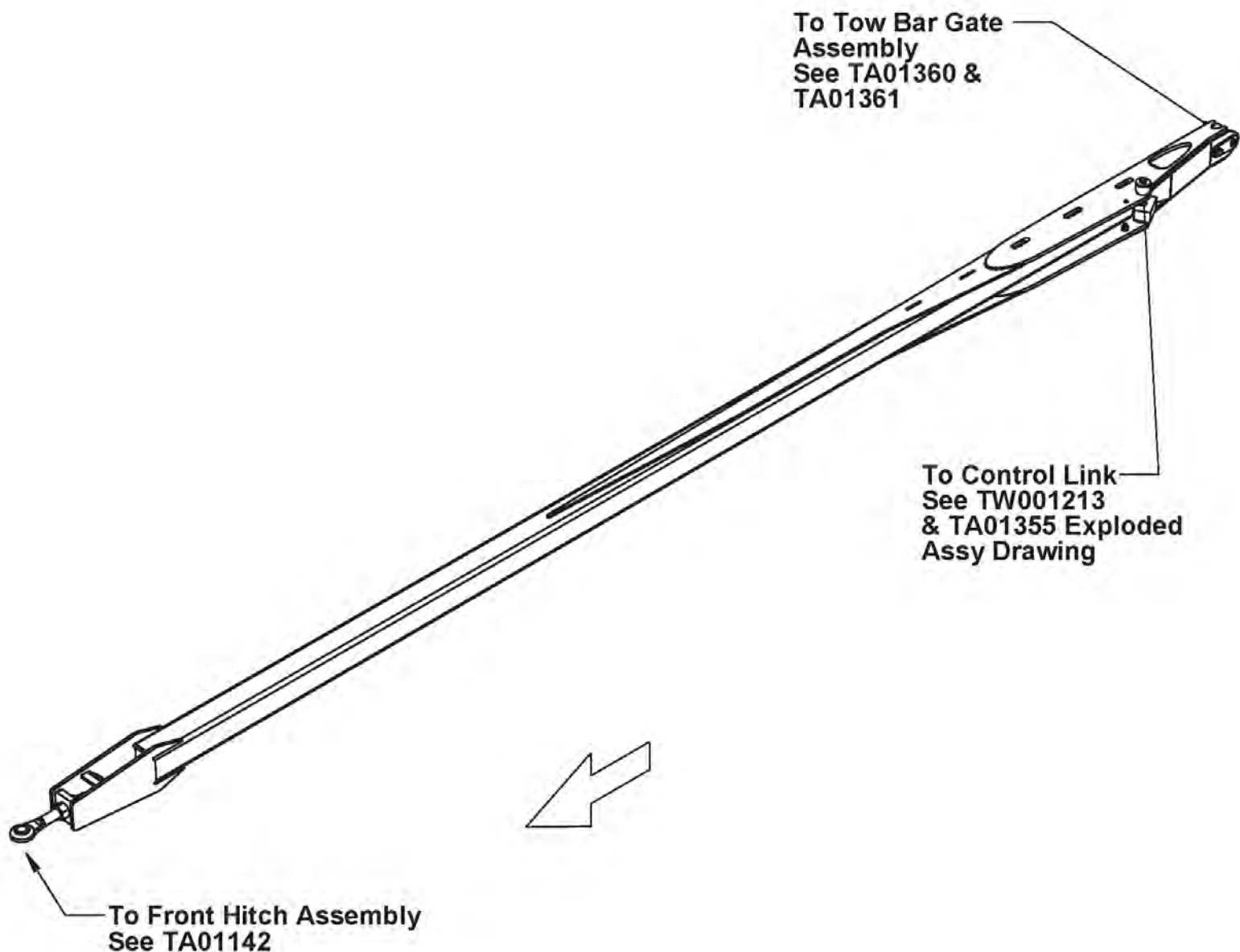
1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.

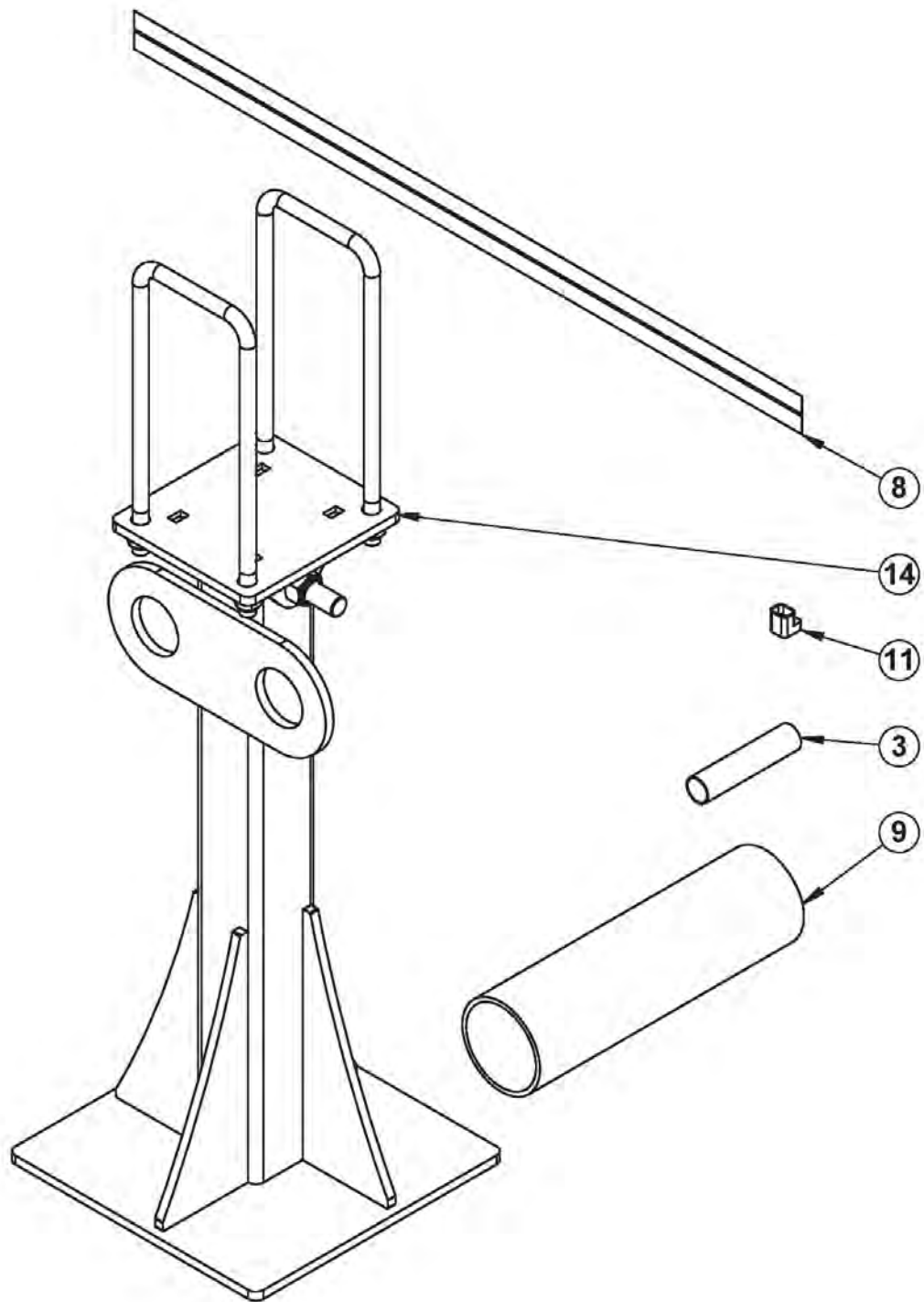




TA01356 Assy, Tow Bar

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	90-44-0410	Decal, Reflector, Yellow-2x9	2	
2	HB-0.625-11X1.25Y8	Bolt, Hex Hd 5/8-11x1-1/4 YZ8	2	
3	HB-0.625-11X2.00Y8	Bolt, Hex Hd 5/8-11x2 YZ8	1	
4	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	1	
5	HDWSH-0.64X2.50Y	HD Washer, 41/64x2-1/2 YZ	2	
6	HNUT-1.500-6Y8	Nut, Hex 1-1/2-6 YZ8	2	
7	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	2	
8	T0050854	Anti Rotation Insert	2	
9	T0051213	RH End Link	1	
10	T0053376	Block, Tow Bar	1	
11	TW000763	Pin Weldment	1	
12	TW000894	Pin Weldment	1	
13	TW001212	Tow Bar Weldment	1	

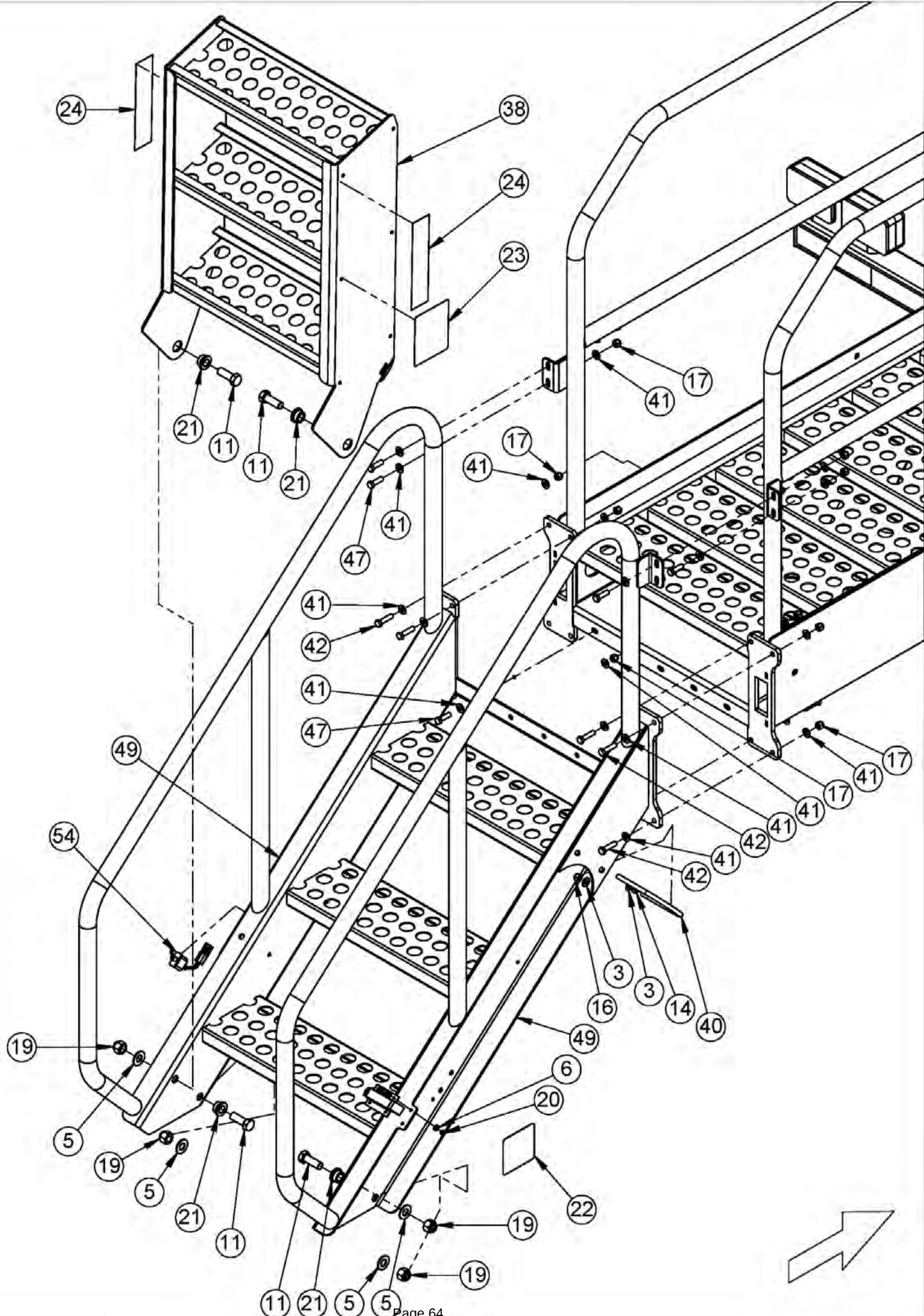




TA01795 Assy, Bulk Material 36R22				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	73341728	Bulk Oil, UltrAction (per gal)	20	
2	T0051552	Sticker-Tite Rubber Gasket Cut Length 36.63"	35	
3	T0051572	Hose Sleeve - 1.25" ID x 6.00"	36	
4	T0051672	Hose, 1.00" PVC (per ft)	700	
5	T0052516	Gear Lube 80W90 (per gal)	1	
6	T0052528	Spiral Poly Wrap 1.00 (per ft)	40	
7	T0053185	Harness, 36R22 Main ECU	1	
8	T0053503	Decals, 36 Row Unit Numbers	1	
9	T0054572	Hose, Vacuum 5.5" (per ft)	10	
10	T0054833	Harness, Frame Control CNH	1	
11	T0055034	Plug, Terminator	1	
12	T0055167	Harness, ISO Hitch 624"	1	
13	TA01248	Hose Kit, TM36R22 Base	1	
14	TA01705	Assy, Shipping Stand	1	

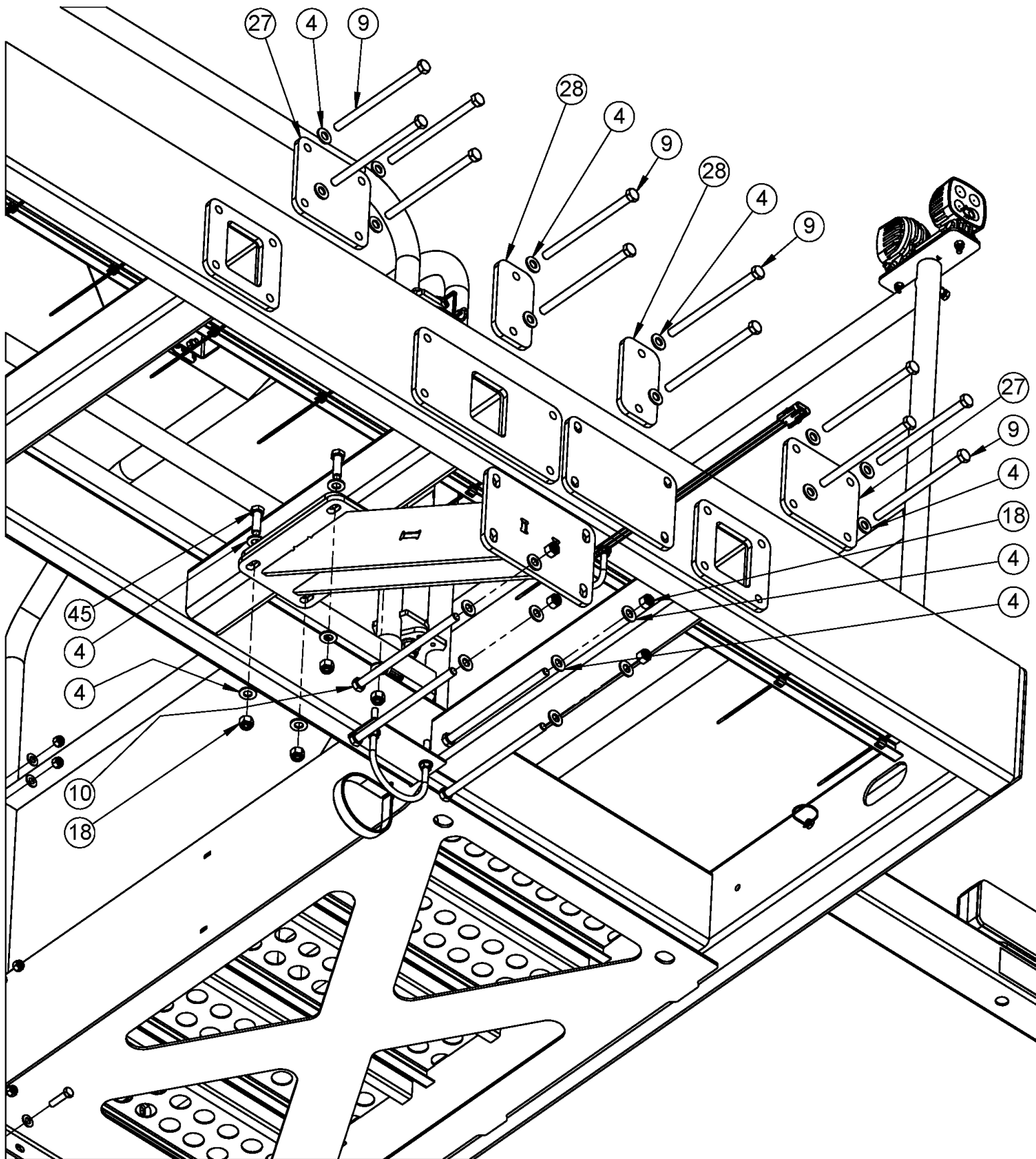
Note:

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.

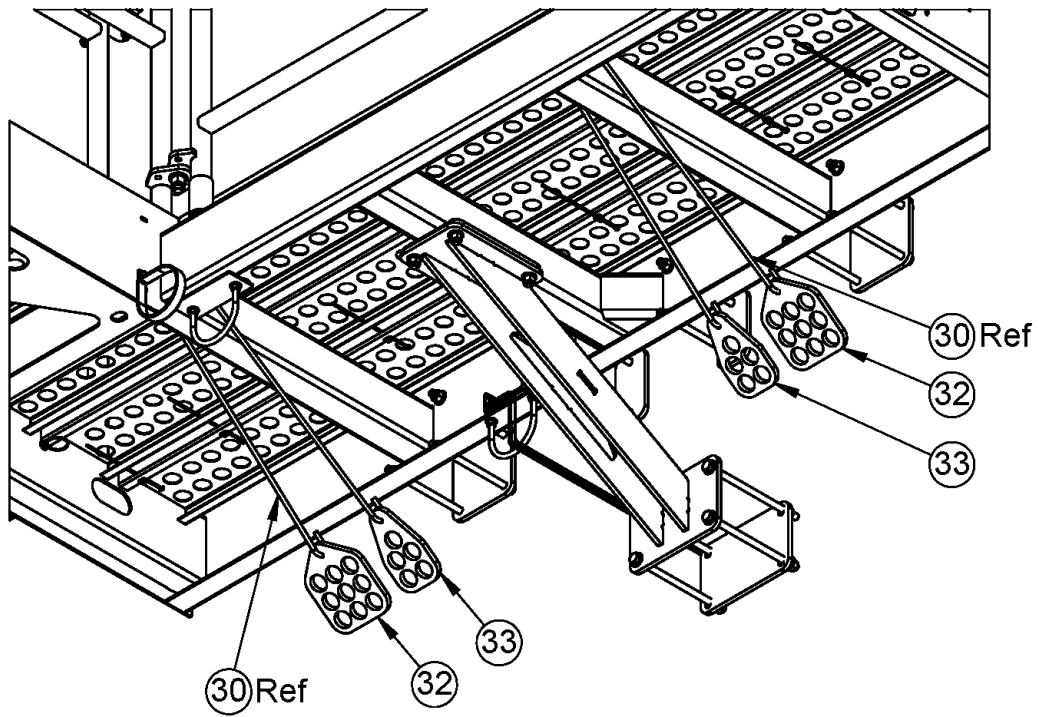


TA01246 Assy, Ladder Platform

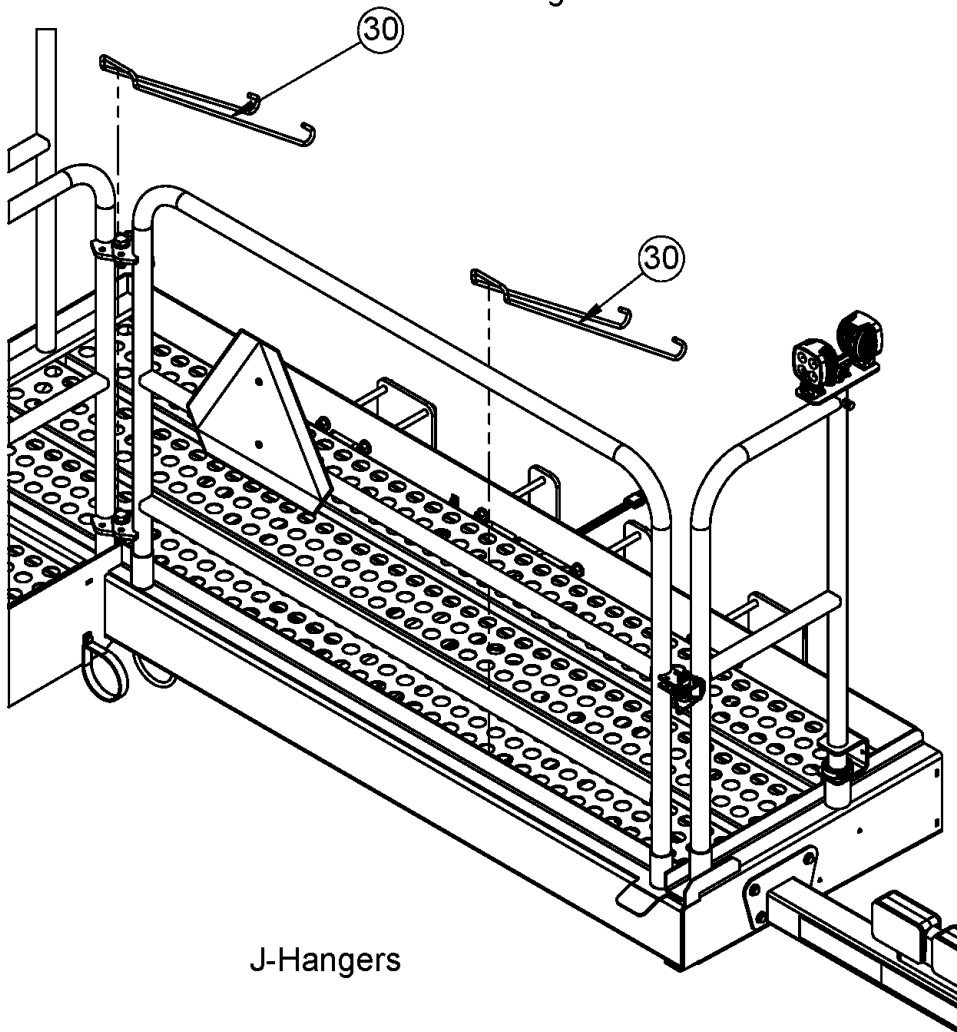
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	CBLTIEMT-.256-.276-HL	Cable Tie Mount, 0.03-0.28	4	
2	FW-SAE-0.250Y	Washer, Flat SAE 1/4 YZ	5	
3	FW-SAE-0.375SS	Washer, Flat SAE 3/8 SS	12	
4	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	40	
5	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	8	
6	FW-SAE-#10C	Washer, Flat 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 Hd 5/8-11x1-3/4 YZ8	4	
12	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	2	
13	HB-10-24X0.75C2	Bolt, Hex Hd 10-24x3/4 CZ2	4	
14	HNUT-0.375-16SS	Nut, Hex 3/8-16 SS	6	
15	NLNUT-0.250-20Y8	Nylon Lock Nut, 1/4-20 YZ8	3	
16	NLNUT-0.375-16SS	Nylon Lock Nut, 3/8-16 SS	6	
17	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	17	
18	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	20	
19	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	6	
20	NLNUT-10-24C	Nylon Lock Nut, 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	90-44-0410	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	U-Bolt, Round 3/8-16x4x5-1/2 CZ5	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	Rivet Nut, 3/8-16x0.150-0.312 YZ	5	
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	10	
48	SFTCOLLAR-1.500BO	Shaft Collar, 1-1/2 BO	1	
49	TW000917	Wldmt. Platform Stairs	1	
50	TA00996	Harness, Bulk Fill Lights	1	
51	TA00812	Assy, Tail Light-RH	1	
52	TA01247	Assy, Light Arm Extension	2	
53	TW001369	Wldmt, Ladder Platform	1	
54	391062A1	Switch, On/Off	1	
55	PCLMP-4.000x2.56	Clamp, Tube 4x13/32	1	
56	TW001413	Wldmt, Platform Strut	1	
57	T0055786	Plate, Ladder Wldmt Bolt	1	



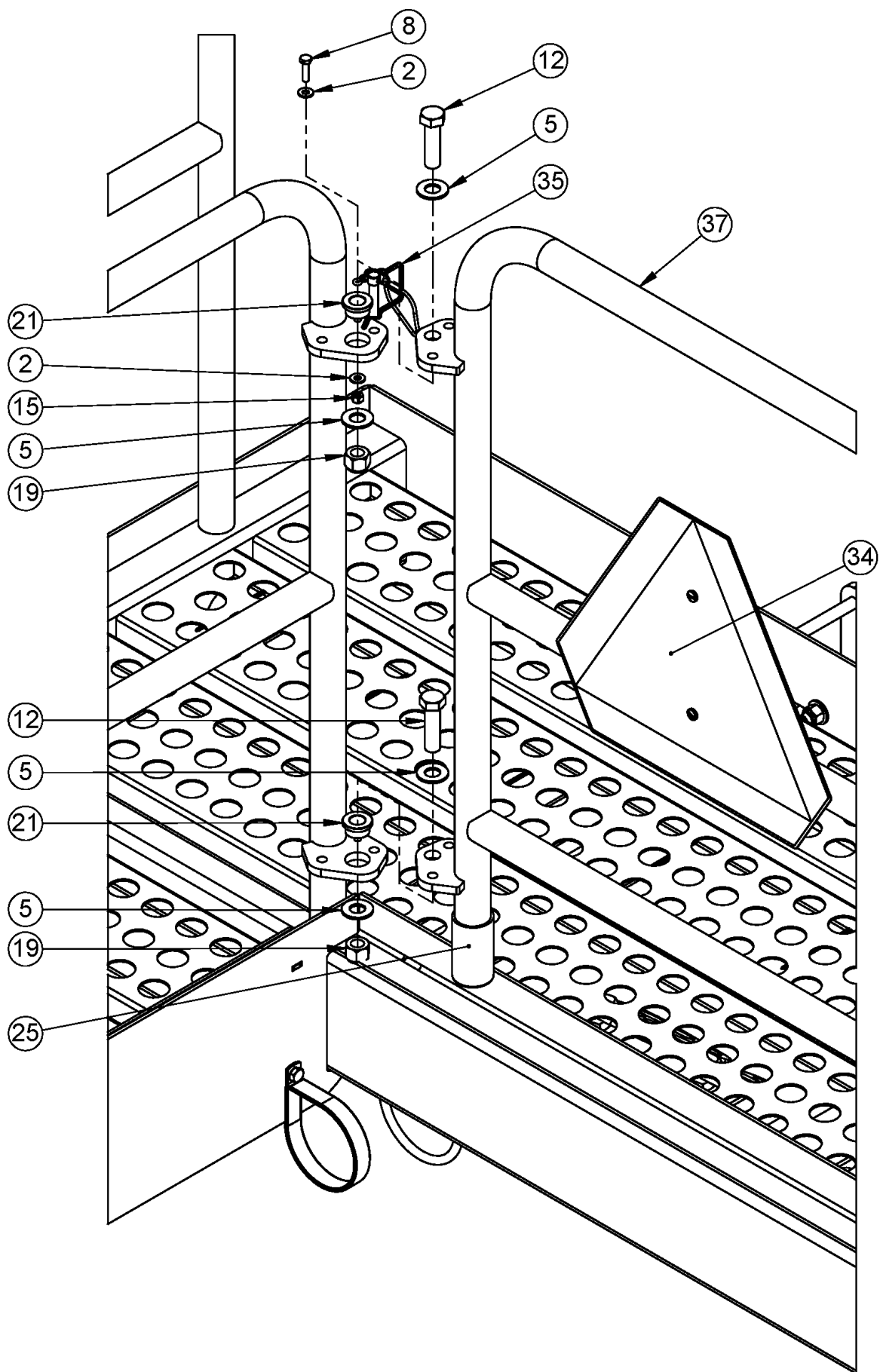
Platform Mounting

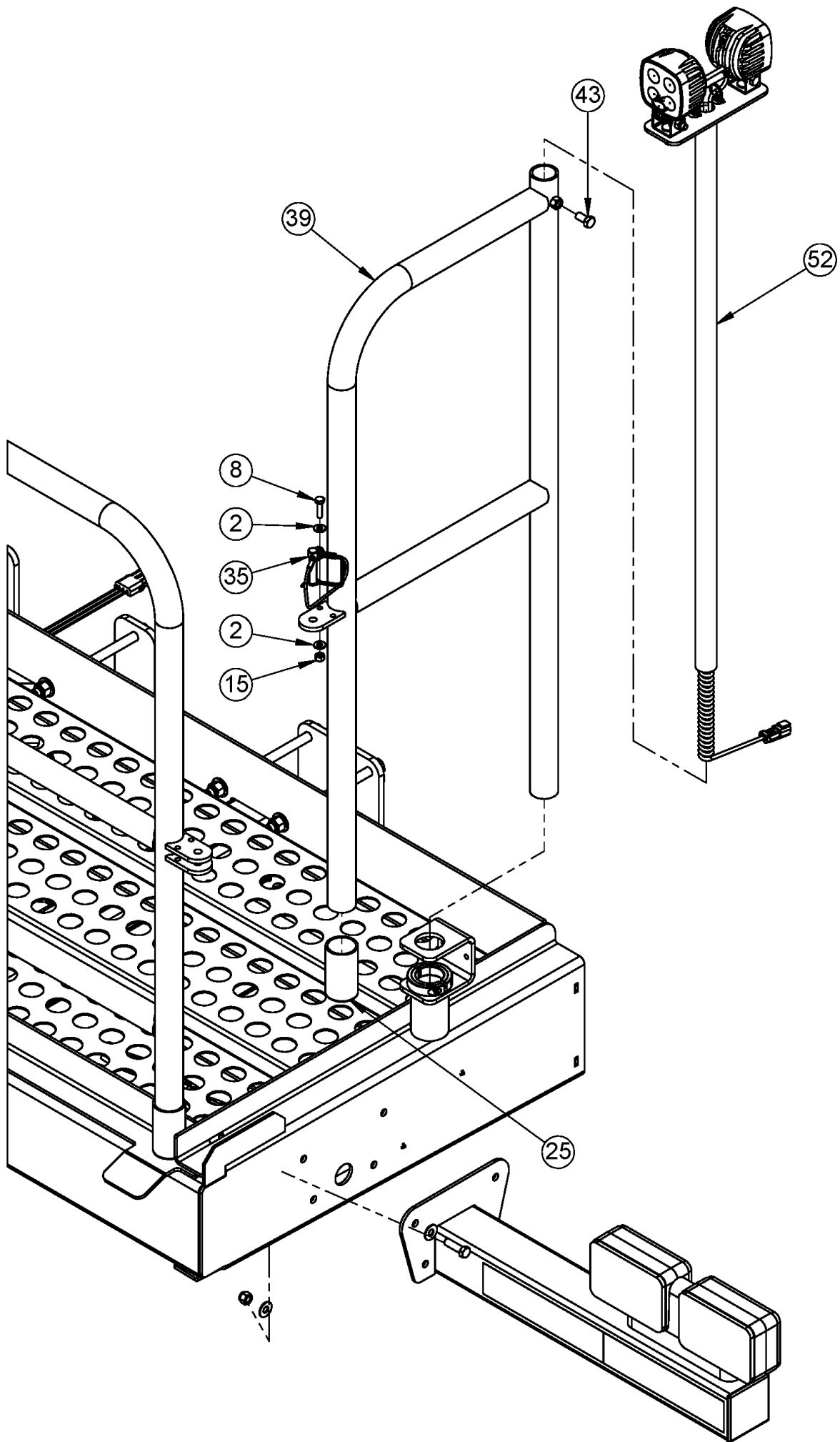


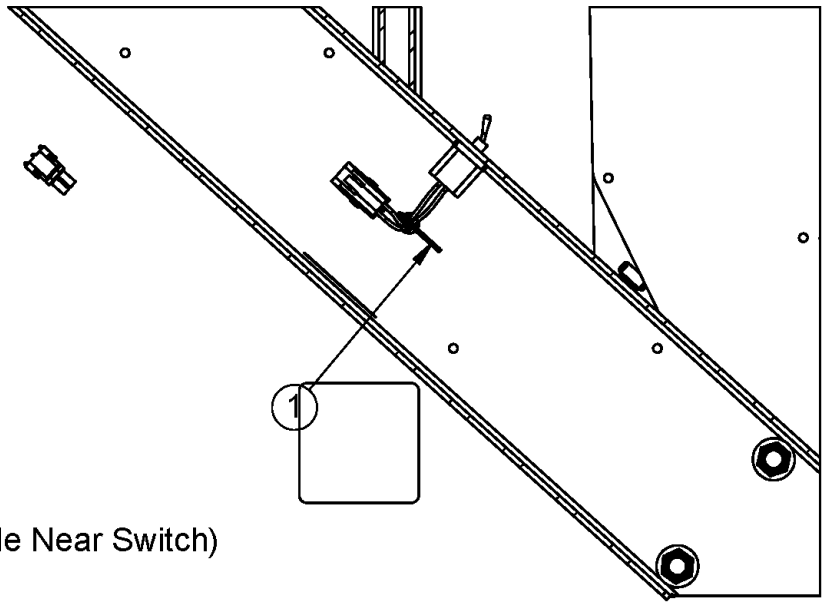
J-Hangers



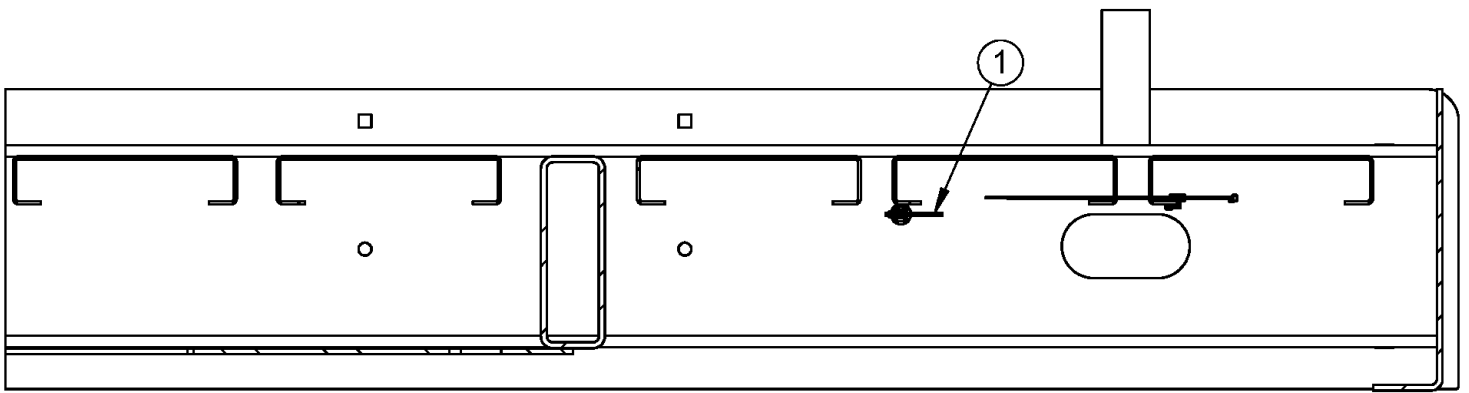
J-Hangers



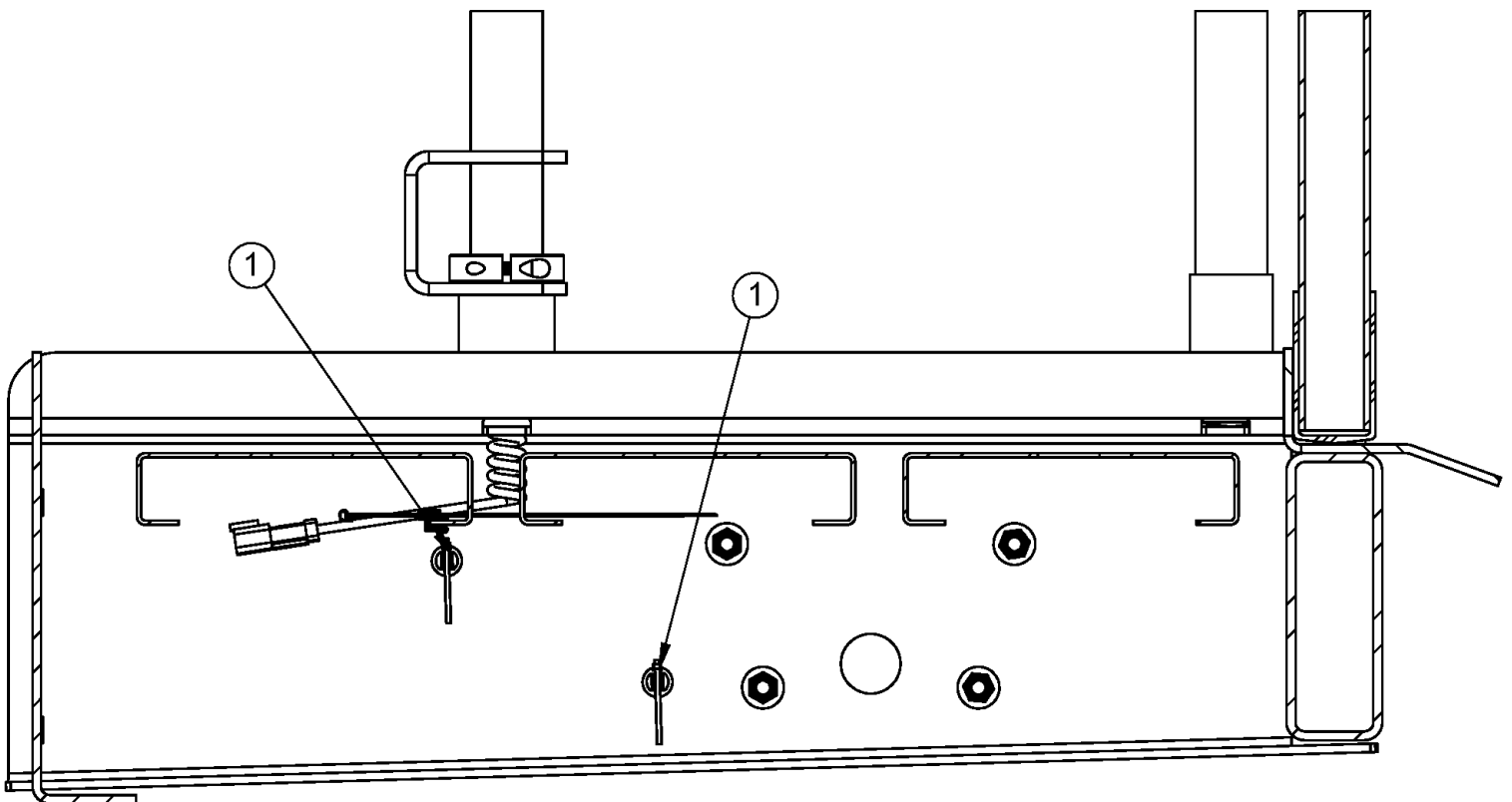




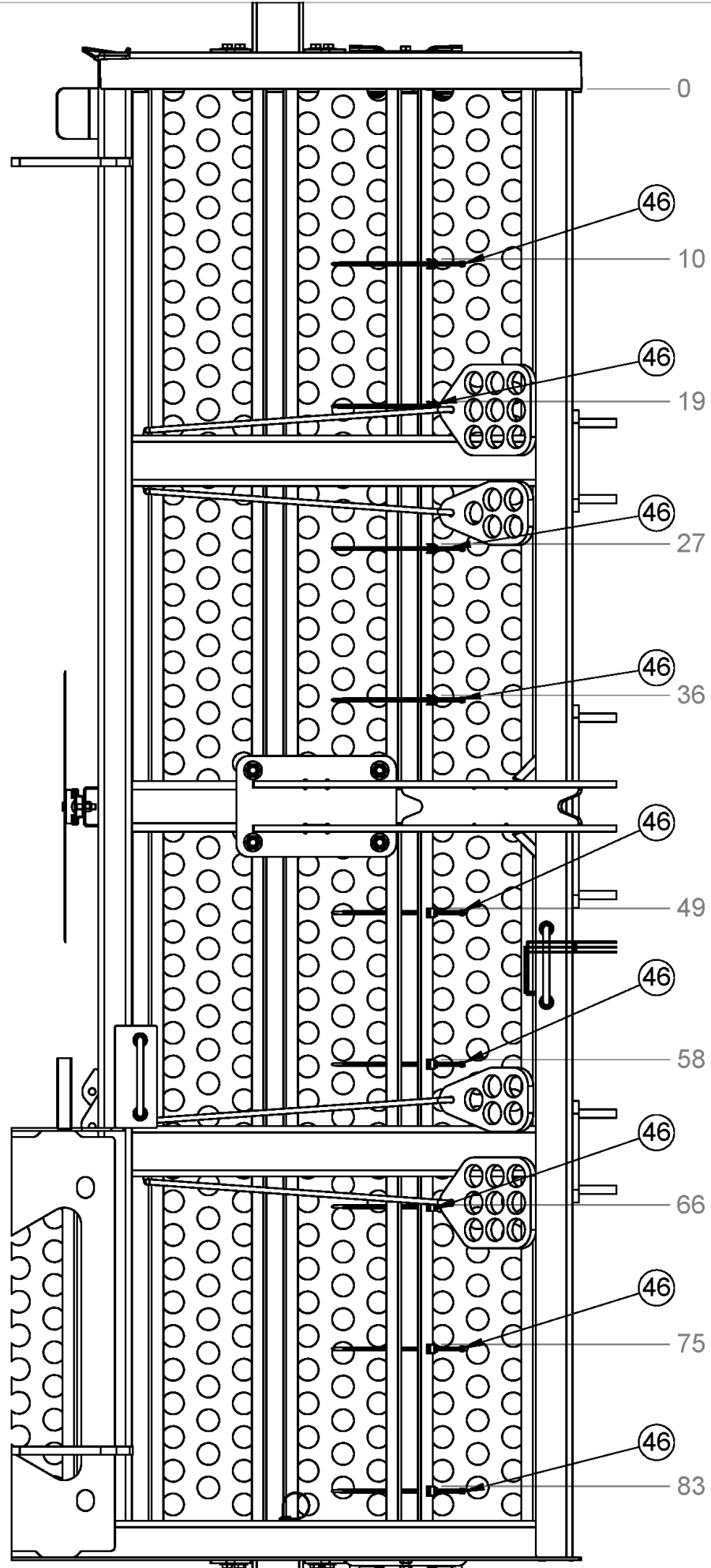
Cable Tie Mount Location (Left Side Near Switch)

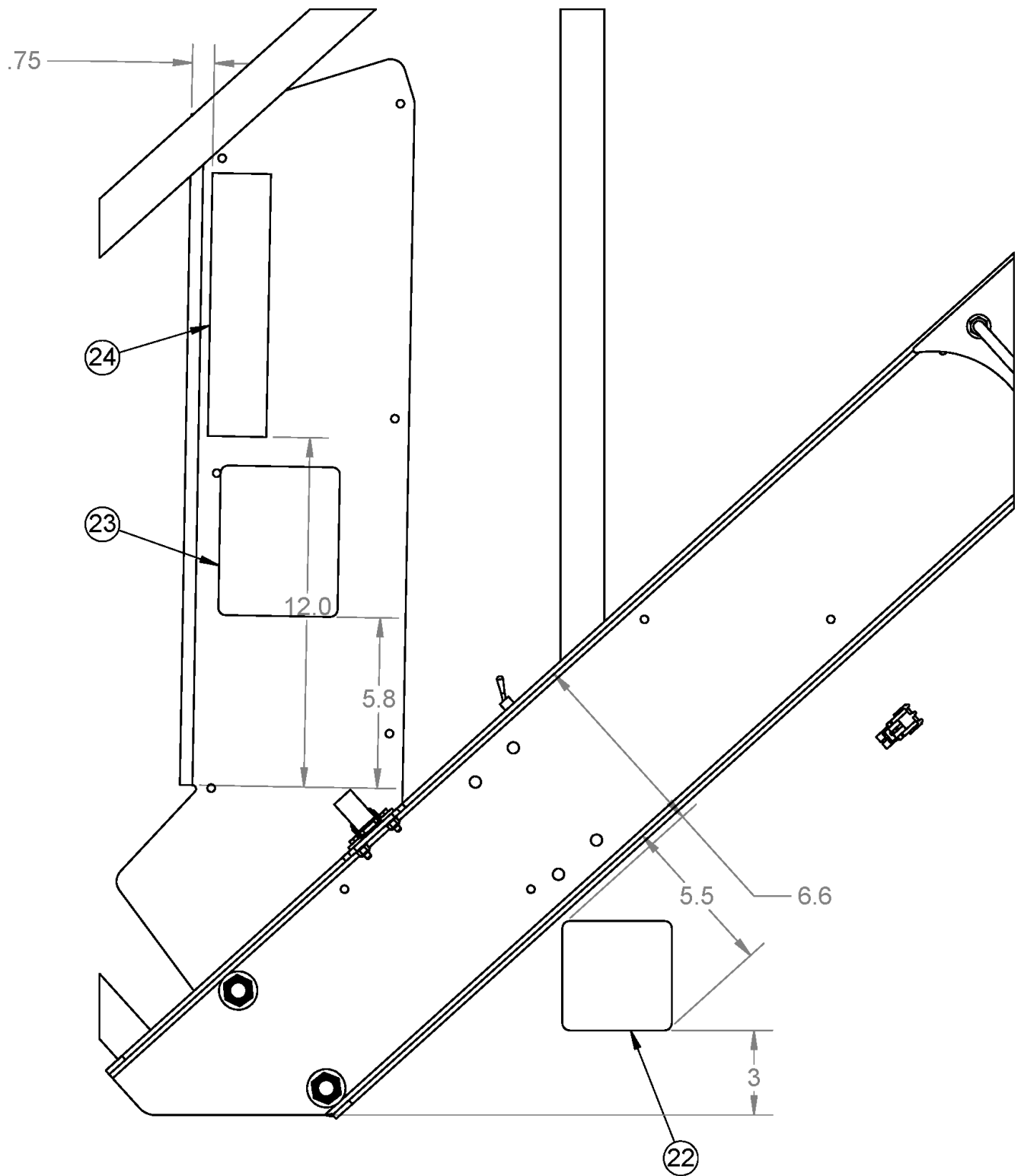


Cable Tie Mount Location (Left Side Looking Outwards)

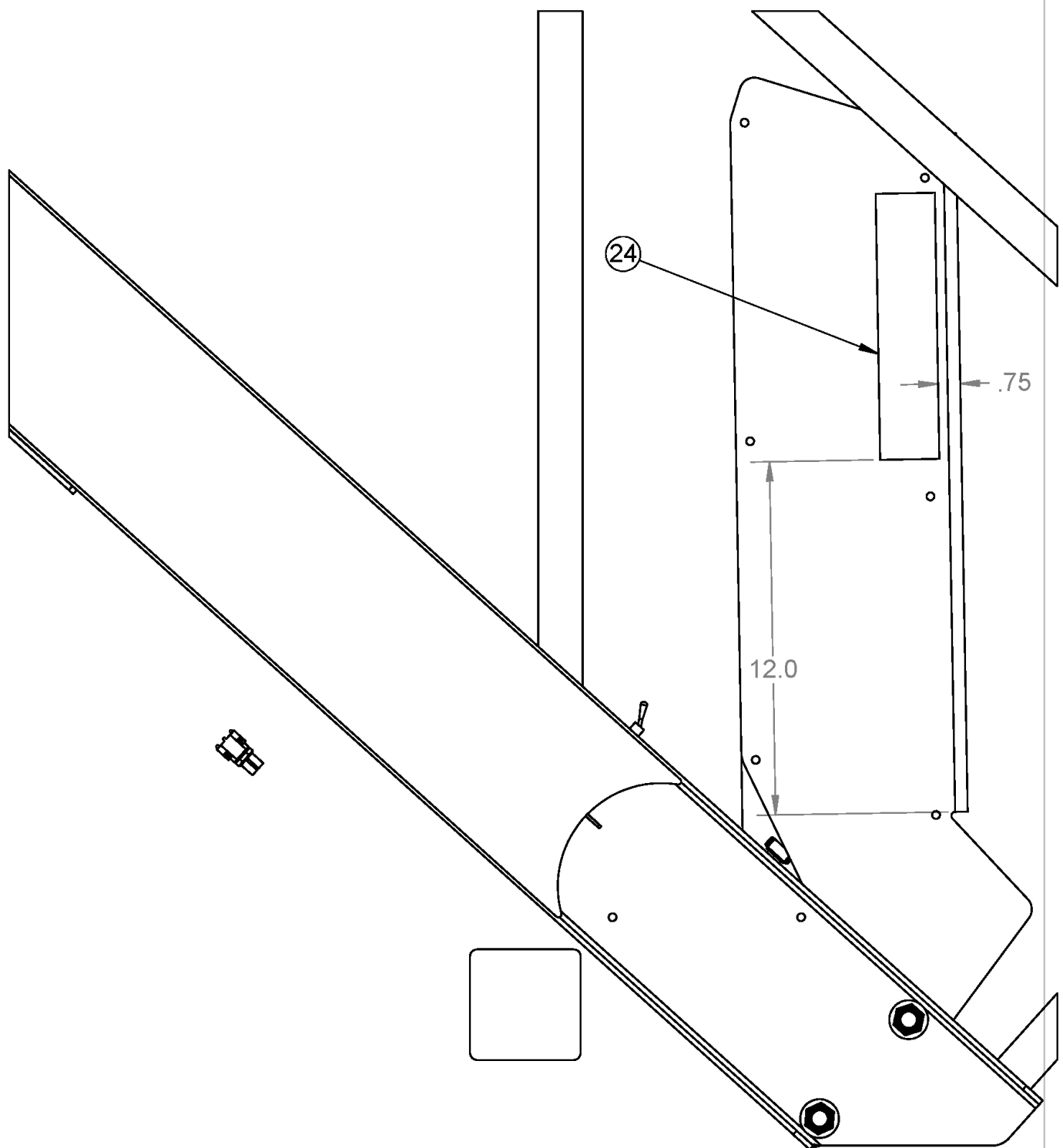


Cable Tie Mount Locations (Right Side, Looking Outward)

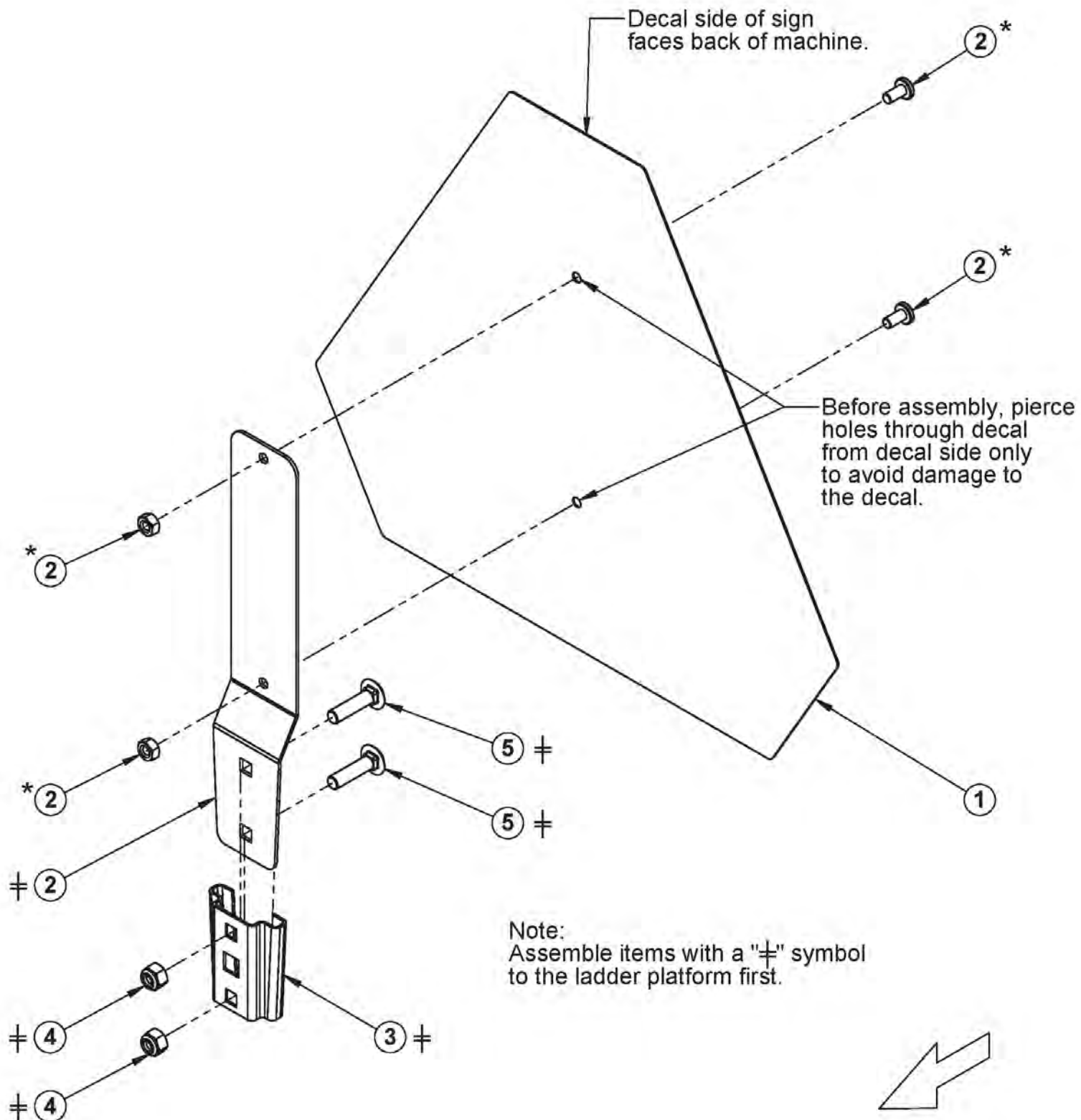




Right Hand Ladder View



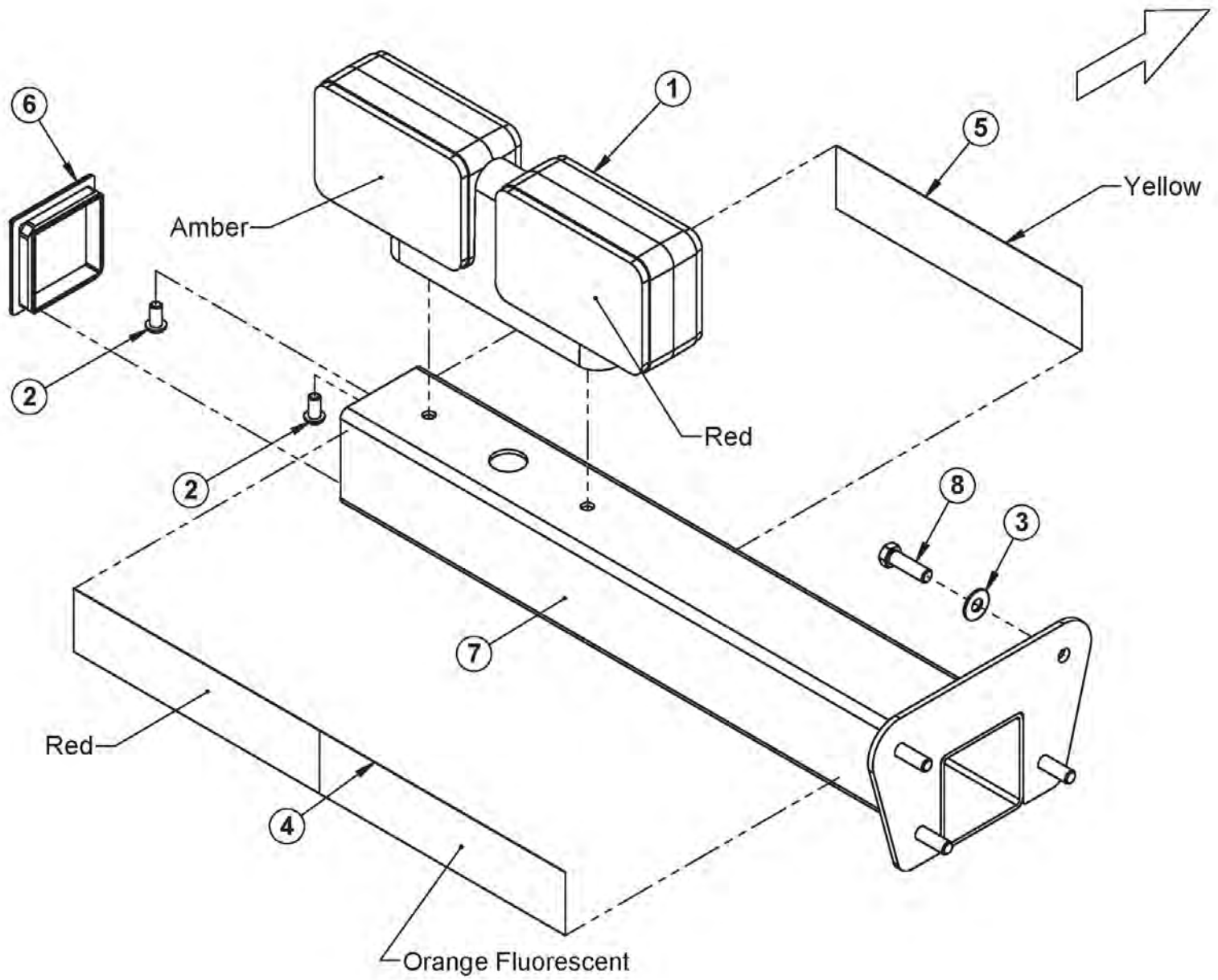
Left Hand Ladder View



TA00678 Assy, SMV Sign

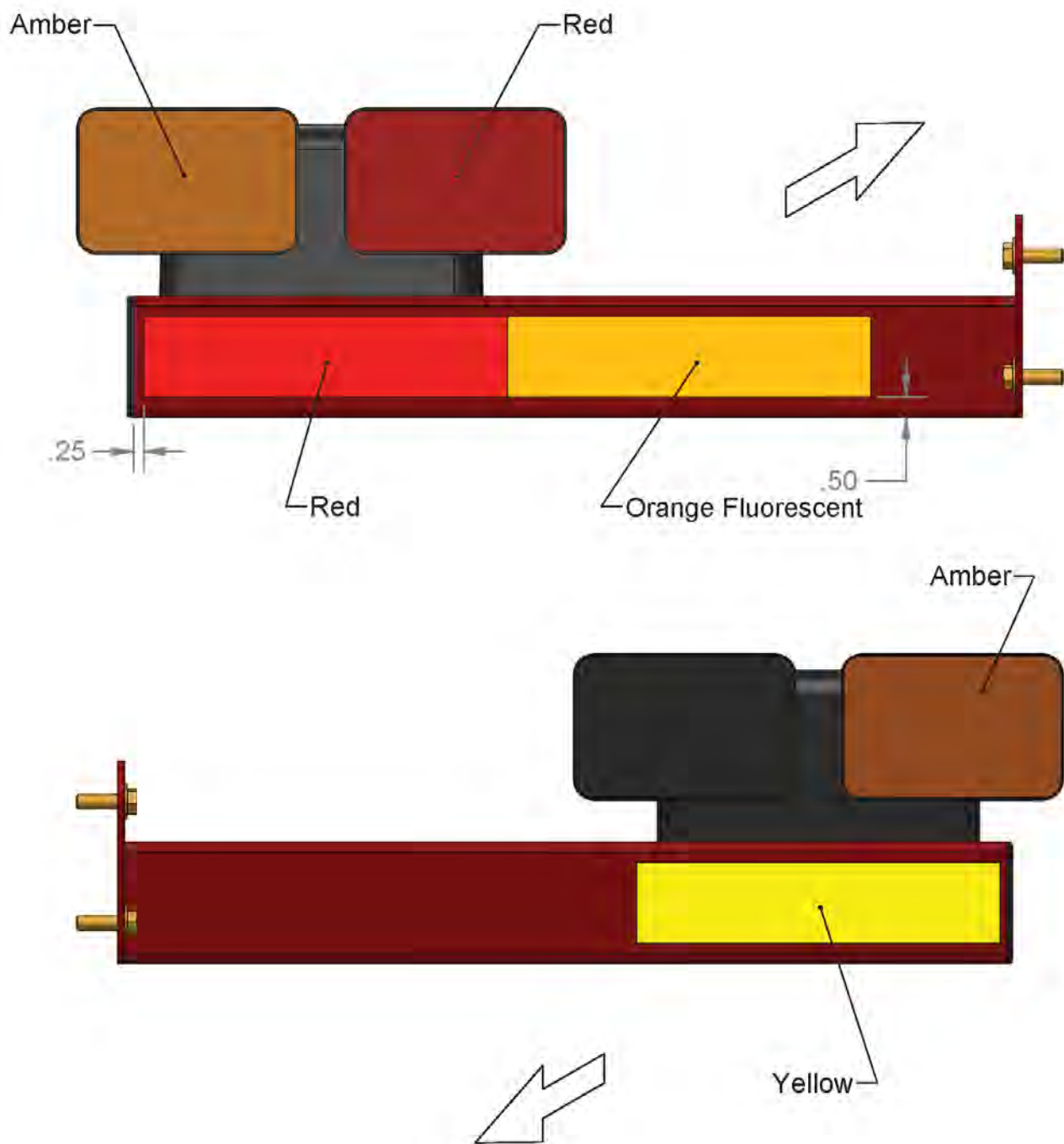
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA00670	Assy, SMV Plate w Decal	1	
2	TA00671	Assy, SMV Spade Mount	1	
3	T0051519	Receptacle, Female Spade SMV Sign	1	
4	NLNUT-0.313-18Y8	Nut, Nylock 5/16"-18-YZ8	2	
5	CB-0.313-18X1.25C5	RHSNBOLT 5/16-18x1.25-CZ5	2	

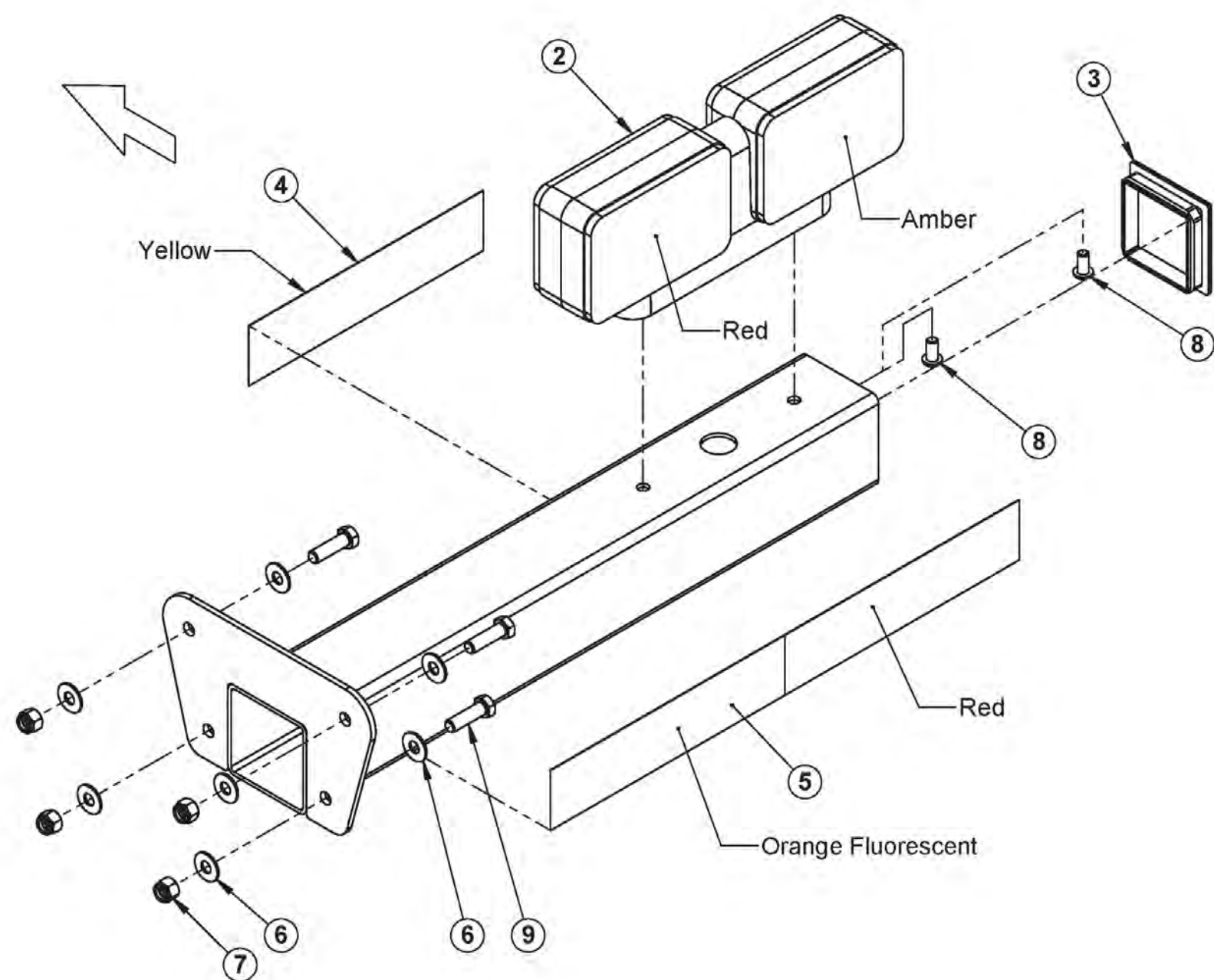
* Items marked with an asterisk, are items that are supplied with P/N TA00671.



TA00811 Assy, Tail Light-LH

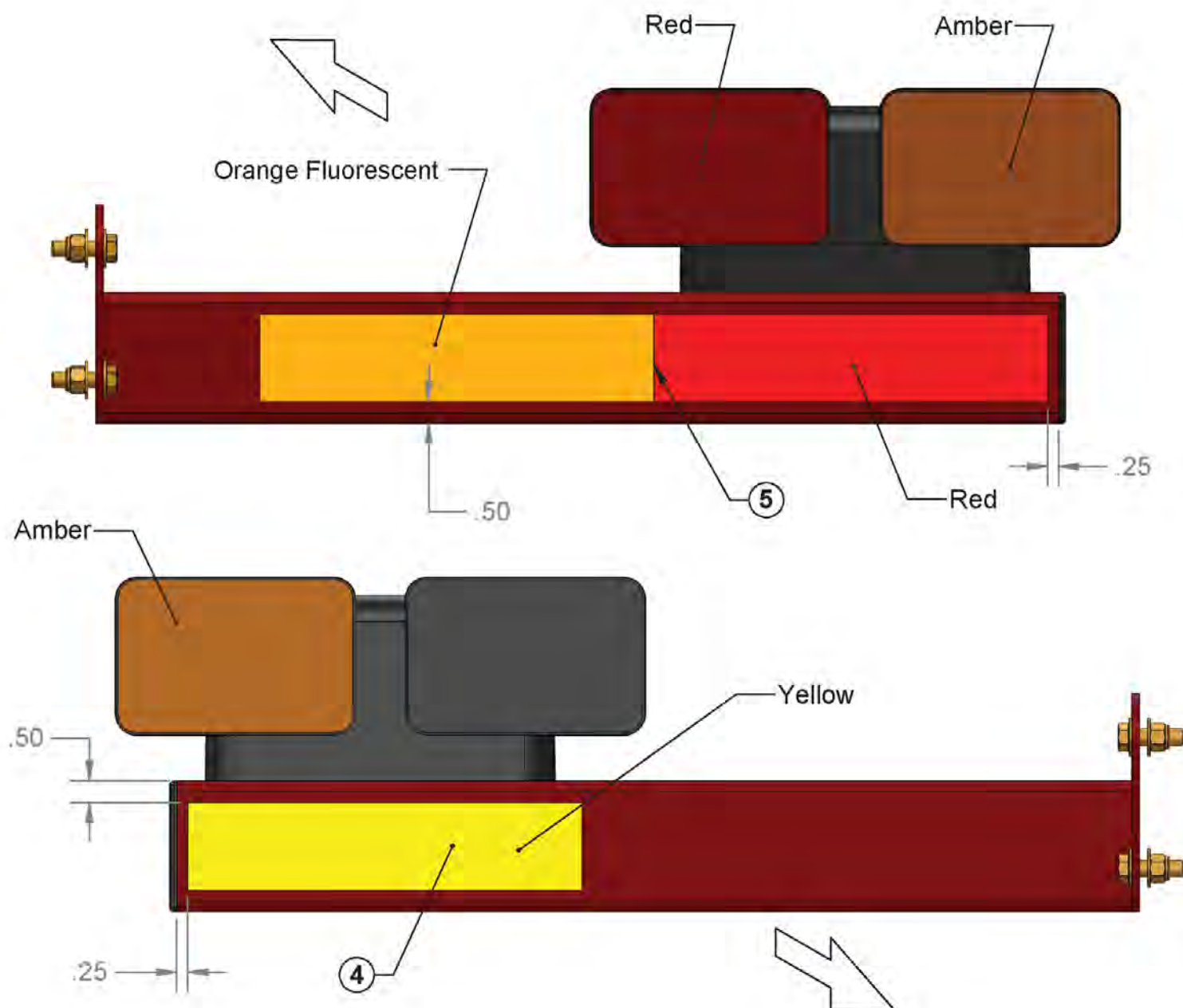
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	86404264	Light Rear LH	1	
2	BHSCS-M8-1.25-16Y10.9	BtnSktCpScr M8-1.25x16 YZ10.9	2	
3	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	4	
4	T0051727	Decal, Refl Red,Orange-2x18	1	
5	T0051729	Decal, Reflector, Yellow-2x9	1	
6	T0052333	Plug, Square Tube - Finish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

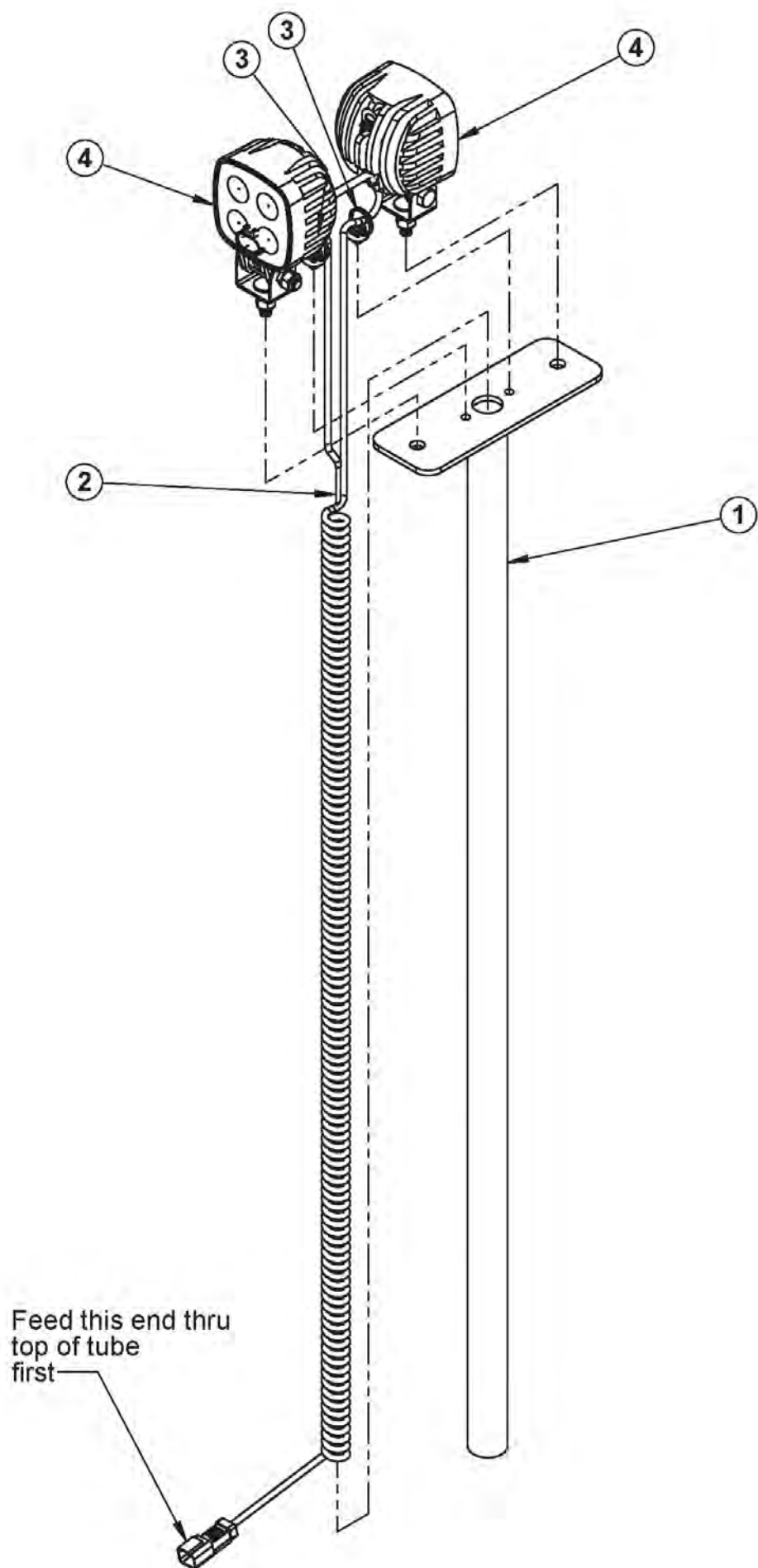




TA00812 Assy, Tail Light-RH

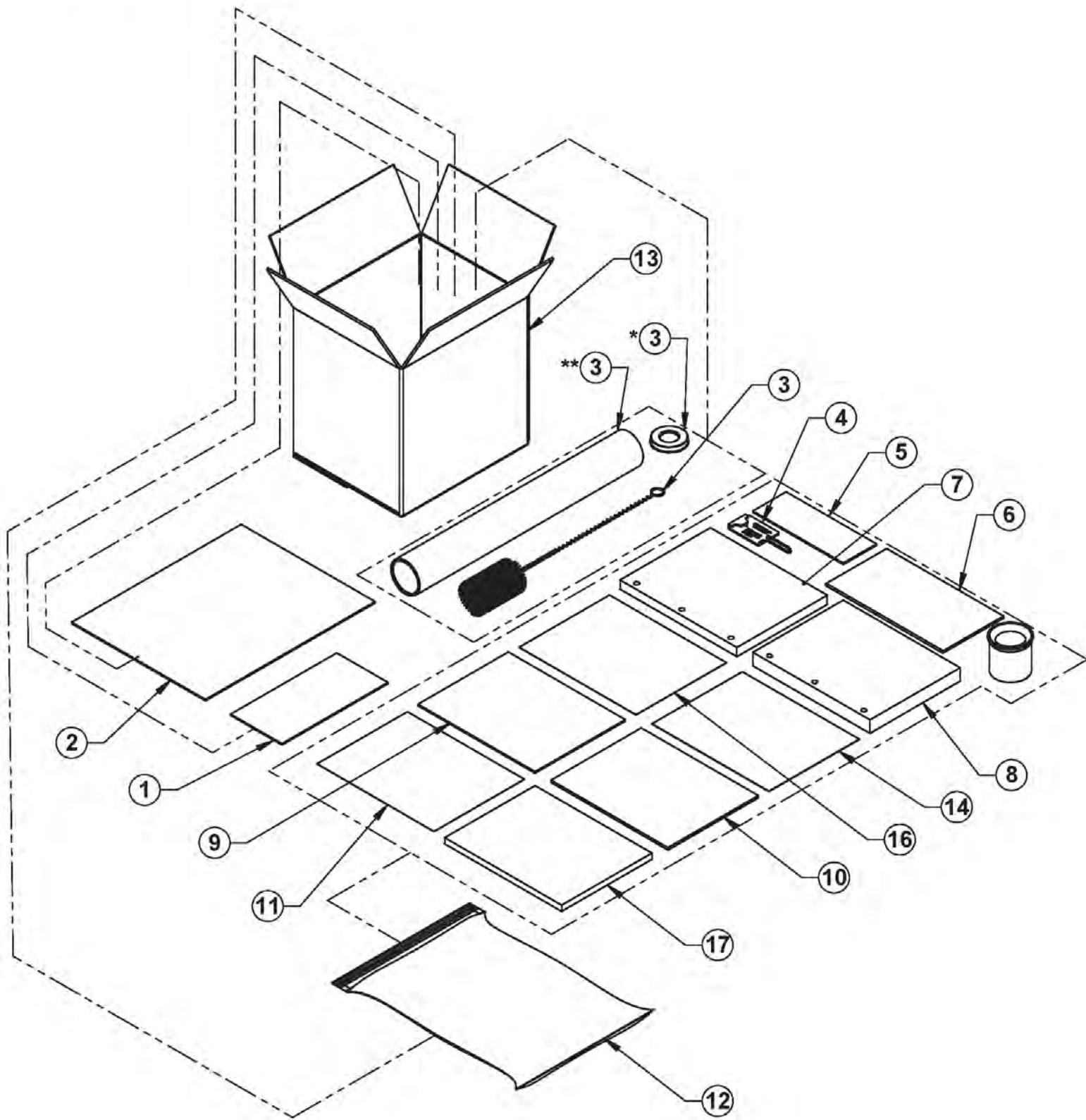
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW000776	Wldmt, Tail Light Brkt	1	
2	86404265	Light Rear RH	1	
3	T0052333	Plug, Square Tube - Finish	1	
4	T0051729	Decal, Reflector, Yellow-2x9	1	
5	T0051727	Decal, Refl Red, Orange-2x18	1	
6	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	8	
7	NLNUT-0.375-16Y8	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	

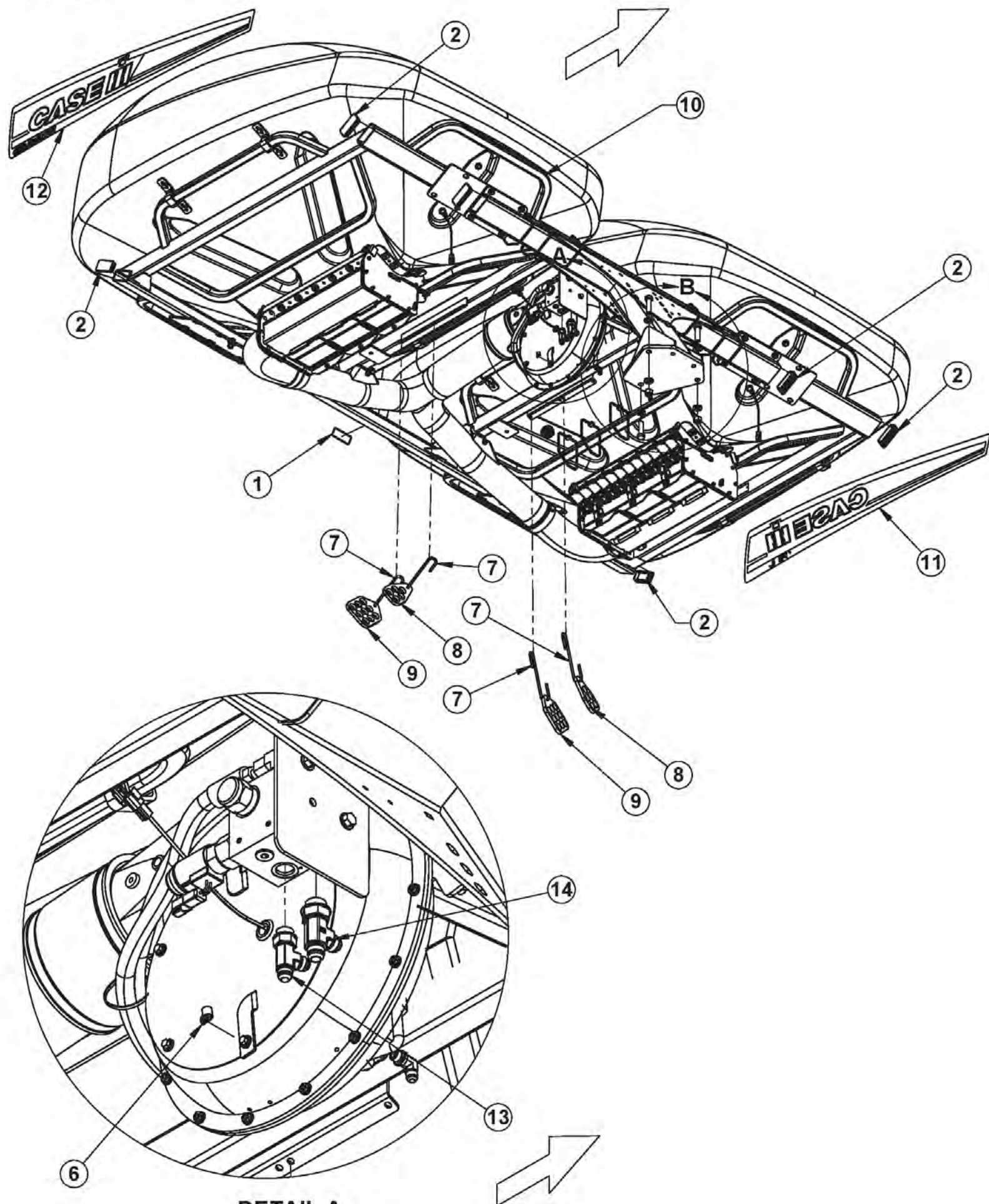


TA01794 Operator's Package 2018 36R20/22

ITEM	PART NUMBER	DESCRIPTION	QTY
1	T0054395	Harness, Product Calibration	1
2	47453857	Harness, Tractor Compressor	1
3	346290A1	Brush, Seed Tube	1
4	1958225C4	Firming Point Gauge	1
5	47403737	AFS Planting Software QRC	1
6	47454041	Early Riser AFS QRC v28	1
7	47747526	1255 Operator's Manual	1
8	47799612	Planter Software Manual v30	1
9	L-1381	HyPro Pump Manual	1
10	PL-3101-15	Early Riser Productivity Tips	1
11	T0055155	Chcklst, PDI&Startup 2017	1
12	T0051793	Bag, Recloseable-13"x18" 6Mil	1
13	T0051794	Box, Cardboard 12X10X12	1
14	T0052697	Notice, Track Alignment	1
15	T0053965	Bushing, Cat 5 2.00" Pin	1
16	T0055729	Chklst, Oper Pkg 36R20/22 2018	1
17	T0055725	Manual, Operator's 2018 FF	1

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

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



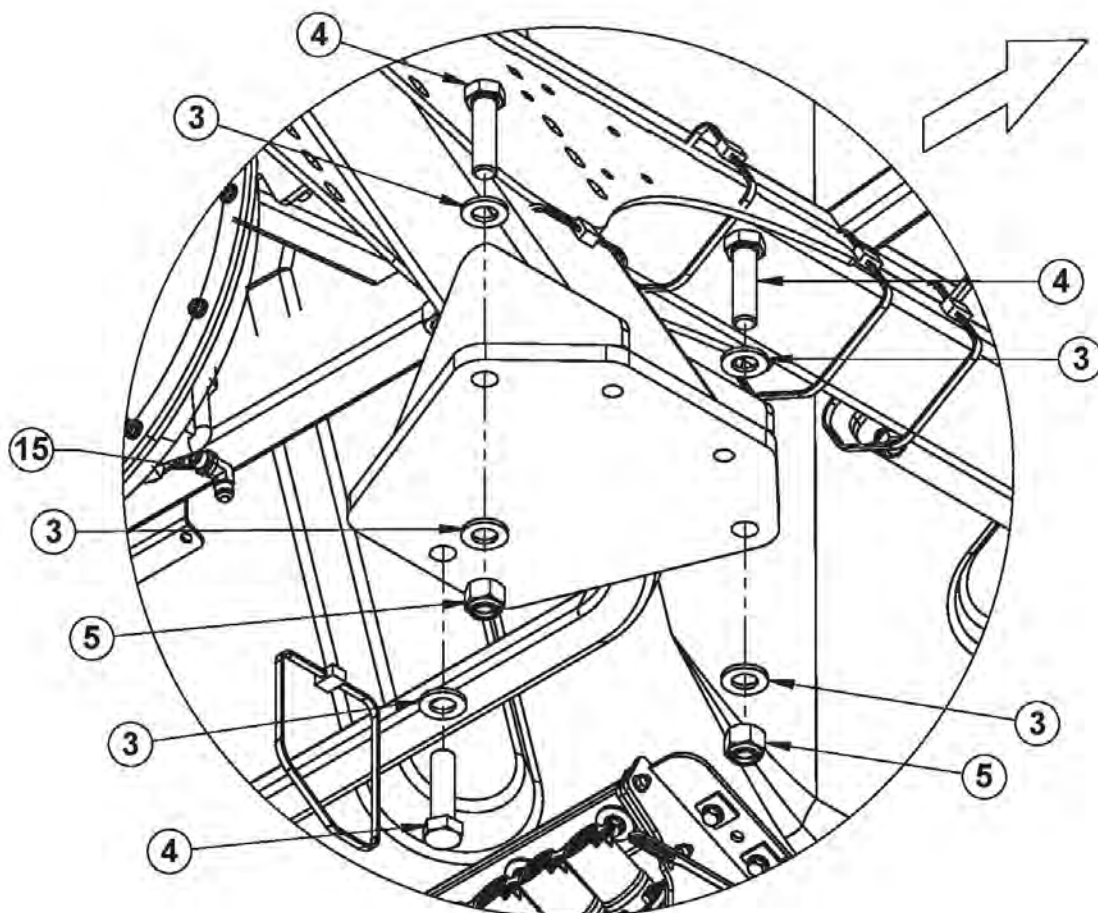
DETAIL A
SCALE 1 : 6

TA01806 Bulk Fill Assy (2000)

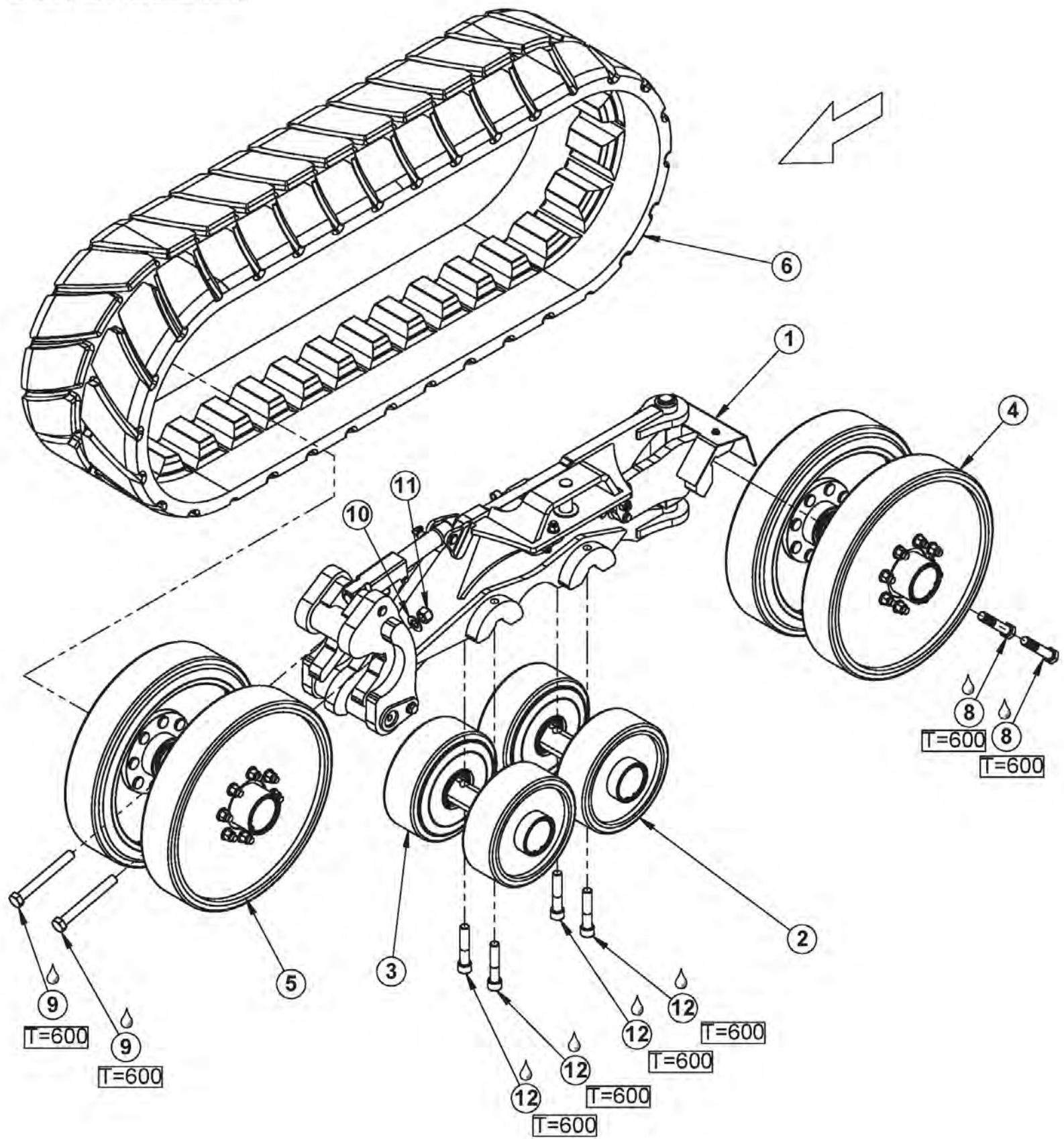
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0051653	Decal, No Step	1	
2	T0052517	Plug, Rect Tube 2x4x6-8Ga	6	
3	FW-SAE-0.750Y	Washer, Flat-SAE 3/4 YZ	6	
4	HB-0.750-10X2.75Y8	Bolt, Hex Hd 3/4-10x2-3/4-YZ8	3	
5	NLNUT-0.750-10Y8	Nut, Nylock 3/4-10-YZ8	3	
6	T0051717	Clamp, Cushion Tube .3125 Ø.281 Hole	1	
7	T0052569	J-Hanger, Double	4	
8	T0052573	Seed Hose Hanger, Middle Fr	2	
9	T0052572	Seed Hose Hanger, Middle	2	
10	48103239	CNH Bulk Fill	1	
11	T0052294	Decal, Bulk Fill LH	1	
12	T0052295	Decal, Bulk Fill RH	1	
13	AD-08MJ-10MB-08MJ	AD-08MJ-10MB-08MJ	1	
14	AD-10MJ-12MB-10MJ	ADAPTER 10MJ-12MB-10MJ TEE	1	
15	AD-06MJ-06MB-90	ADAPTER 06MJ-06MB 90	1	

Note:

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



DETAIL B
SCALE 1 : 6

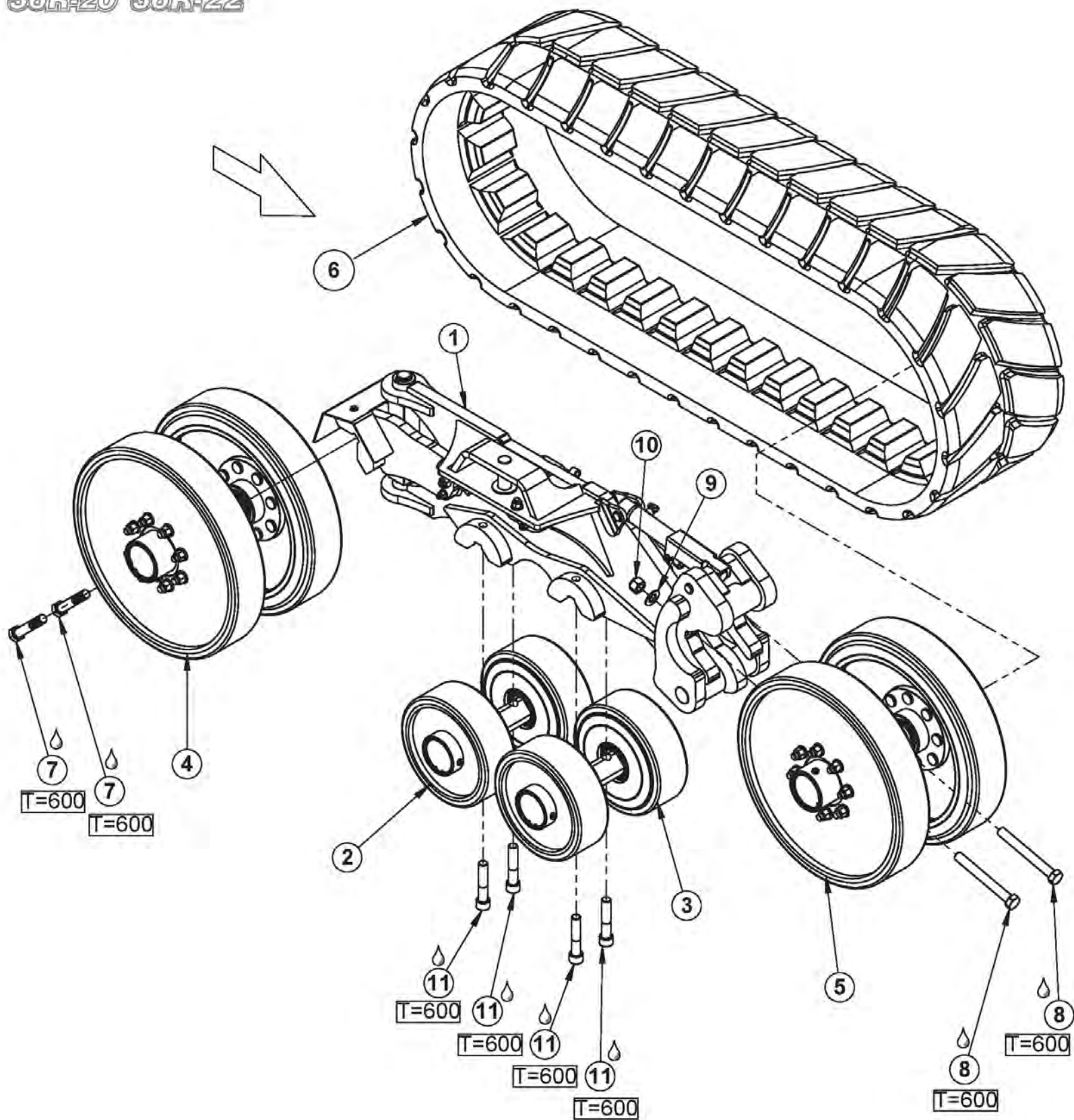


TA01231 Assy, 18" LH Track

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA01024	Assy, LH Track Undercarriage	1	
2	TA01225	Roller Narrow Asm	1	
3	TA01225	Roller Narrow Asm	1	
4	TA01221	Idler Narrow Asm	1	
5	TA01221	Idler Narrow Asm	1	
6	T0054414	Track, 18" Wide Planter	1	
7	T0053511	BEARING, SPHERICAL-3" SHAFT	1	
8	HB-1.000-8X5.50Y8	HBolt-1.0000-8x5.50-YZ8	2	600
9	HB-1.000-8X8.50Y8	Bolt, Hex Head-1.0-8x8.5-YZ8	2	600
10	FW-SAE-1.000Y	Washer, Flat SAE-1.0-YZ	2	
11	NLNUT-1.000-8Y8	Nut, Nylock-1.0-8-YZ8	2	
12	SHCS-1.000-8X5.00B8	SHCS-1.000-8X5.00 B8	4	600

Note:

1.  = Torque, and is expressed in ft-lbs.
2.  = Apply 30W oil to the threads before assembly.

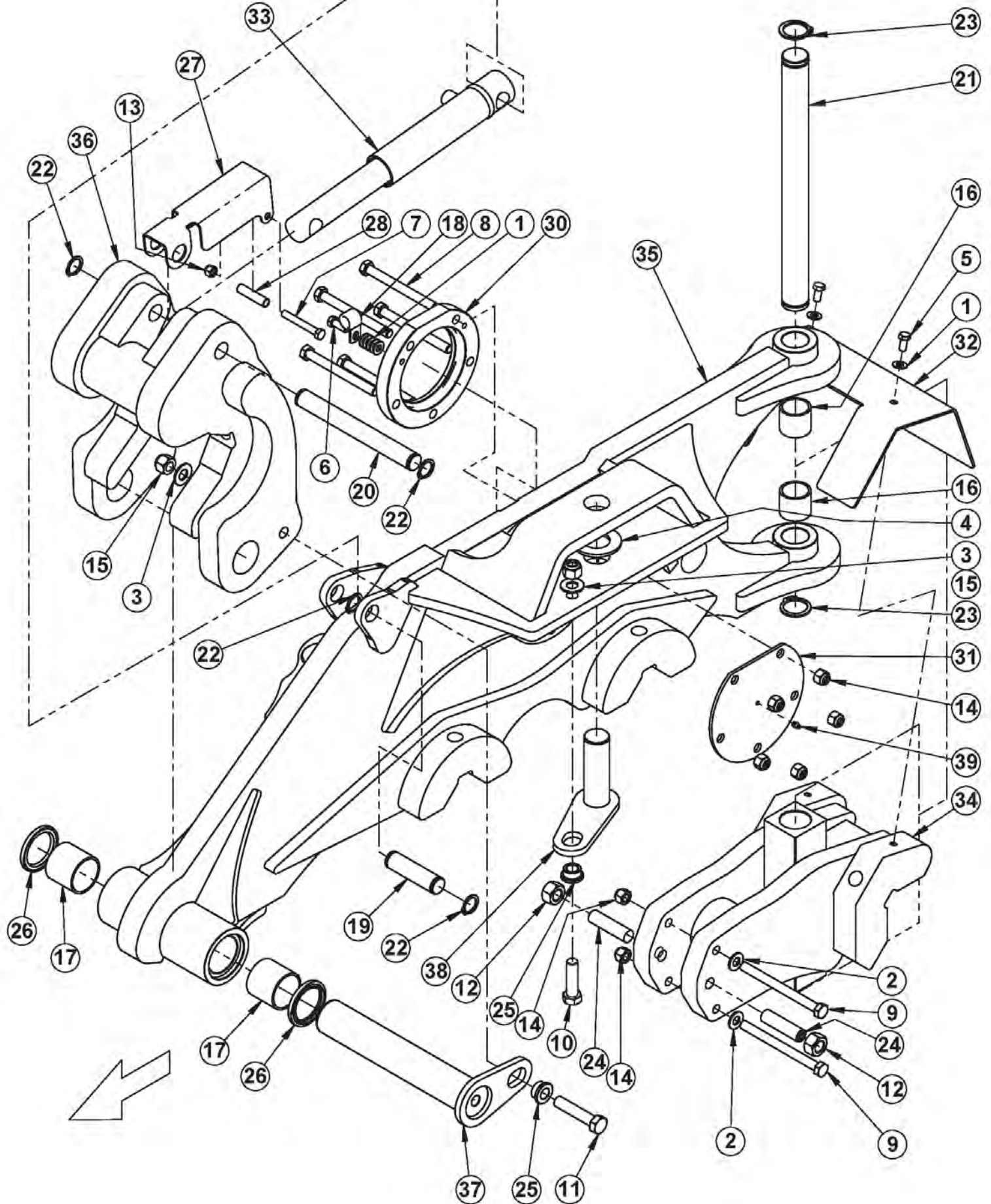


TA01230 Assy, 18" RH Track

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA01049	Assy, RH Track Undercarriage	1	
2	TA01225	Roller Narrow Asm	1	
3	TA01225	Roller Narrow Asm	1	
4	TA01221	Idler Narrow Asm	1	
5	TA01221	Idler Narrow Asm	1	
6	T0054414	Track, 18" Wide Planter	1	
7	HB-1.000-8X5.50Y8	HBolt-1.0000-8x5.50-YZ8	2	
8	HB-1.000-8X8.50Y8	Bolt, Hex Head-1.0-8x8.5-YZ8	2	
9	FW-SAE-1.000Y	Washer, Flat SAE-1.0-YZ	2	
10	NLNUT-1.000-8Y8	Nut, Nylock-1.0-8-YZ8	2	
11	SHCS-1.000-8X5.00B8	SHCS-1.000-8X5.00 B8	4	

Note:

1.  = Torque, and is expressed in ft-lbs.
2.  = Apply 30W oil to the threads before assembly.

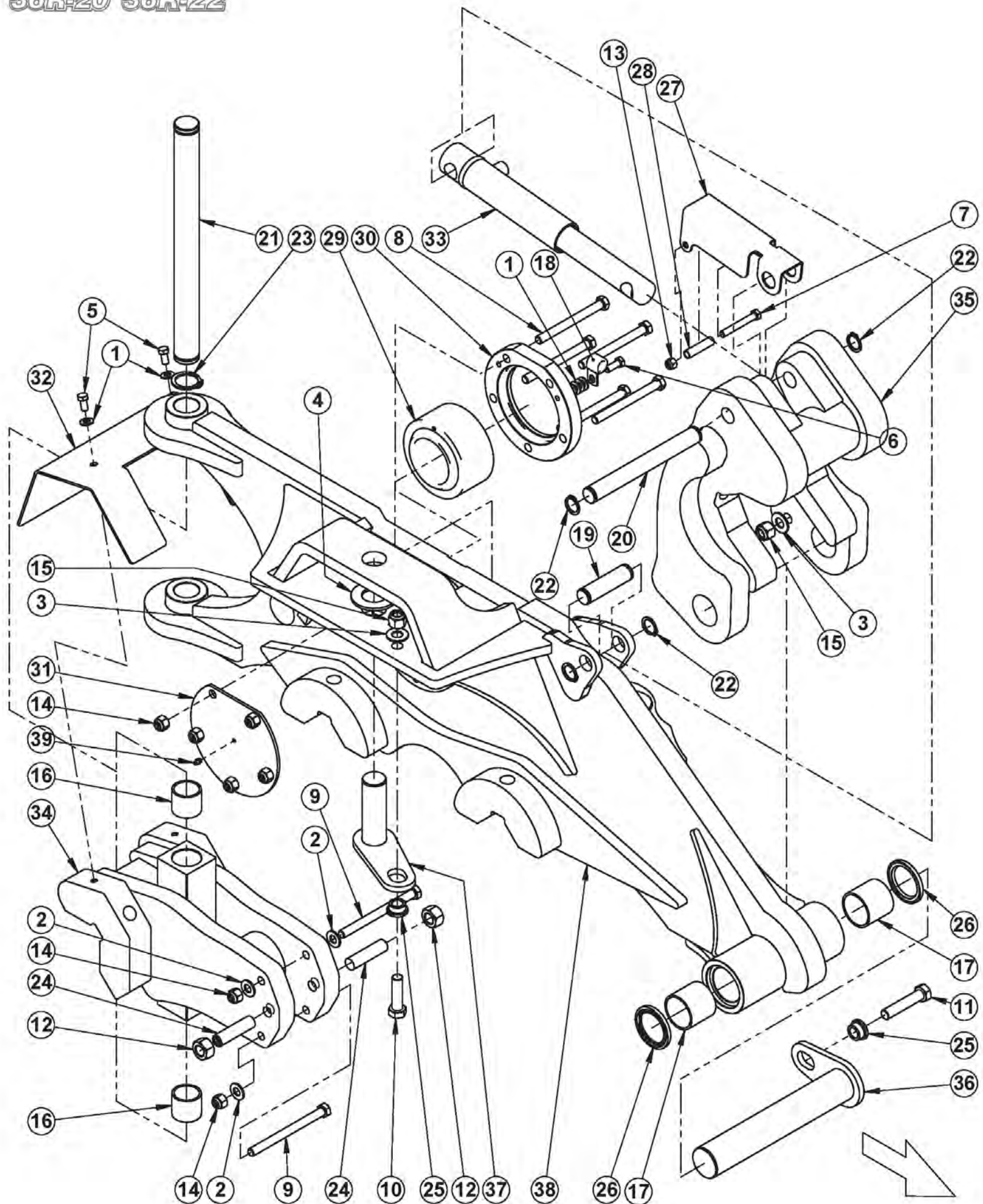


TA01024 Assy, LH Track Undercarriage

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	

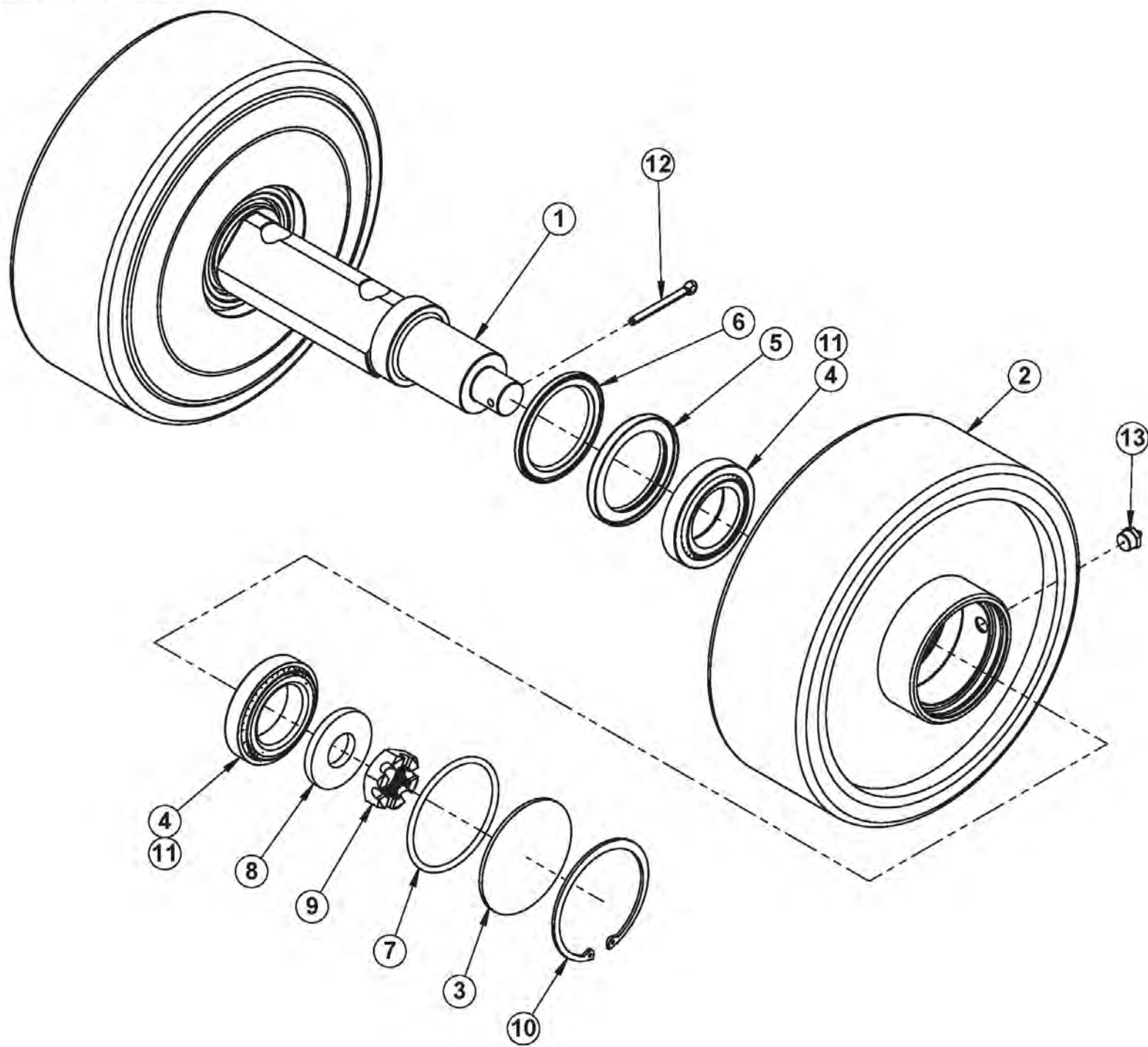
Note:

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.



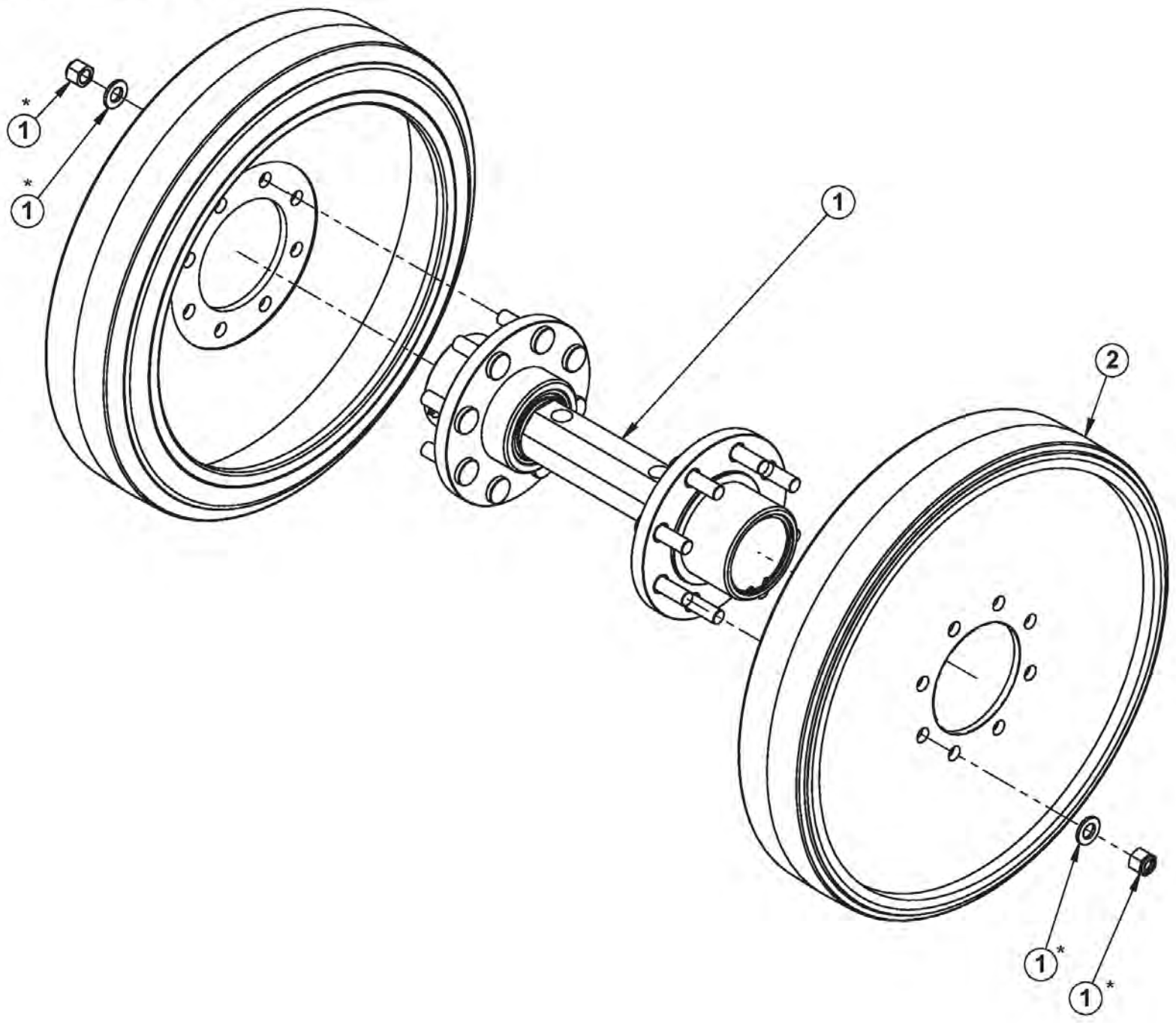
TA01049 Assy, RH Track Undercarriage

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	



TA01225 Roller Narrow Asm

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0054431	Roller Axle	1	
2	TA01223	Roller Narrow Overmold	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	ORING-4.250X.188	4-1/4" x 0.188" O-Ring	2	
8	HDWSH-1.26X2.88Y	1.25 x 2.87 x 0.31 Washer	2	
9	SHJN-1.250-12	Nut, Slotted Hex Jam 1-1/4"-12	2	
10	SRING-INT-4.25	4-1/4" INT SRING	2	
11	T0054433	2.25 Tapered Roller Bearing Cone	4	
12	CTPIN-0.250X2.50	COTTERPIN, 1/4 X 2-1/2	2	
13	ZERK-0.375-NPT	Zerk 0.375-NPT	2	

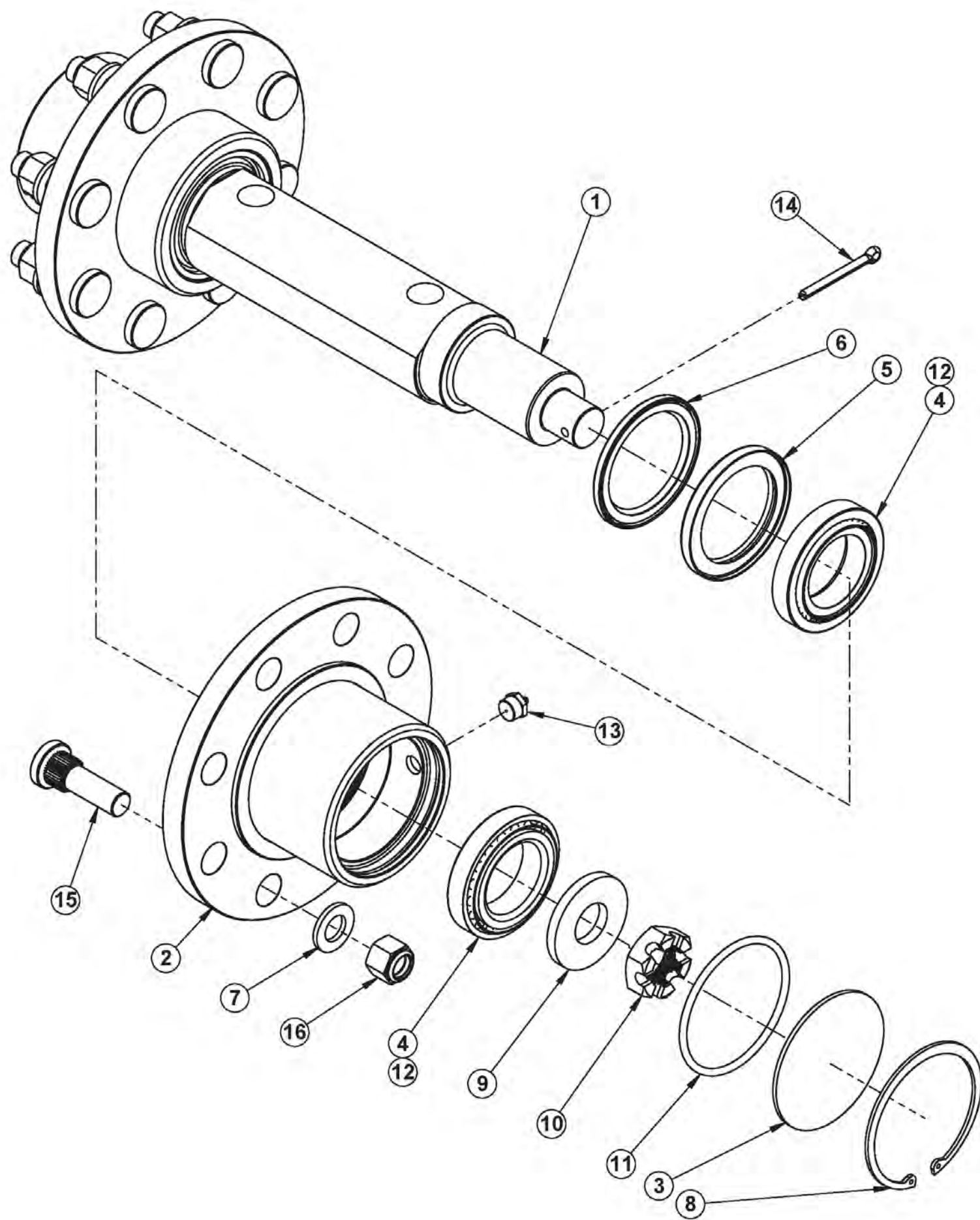


TA01221 Idler Narrow Asm

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA01219	Idler Axle Asm	1	
2	TA01218	Idler Narrow Overmold	2	

Note:

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

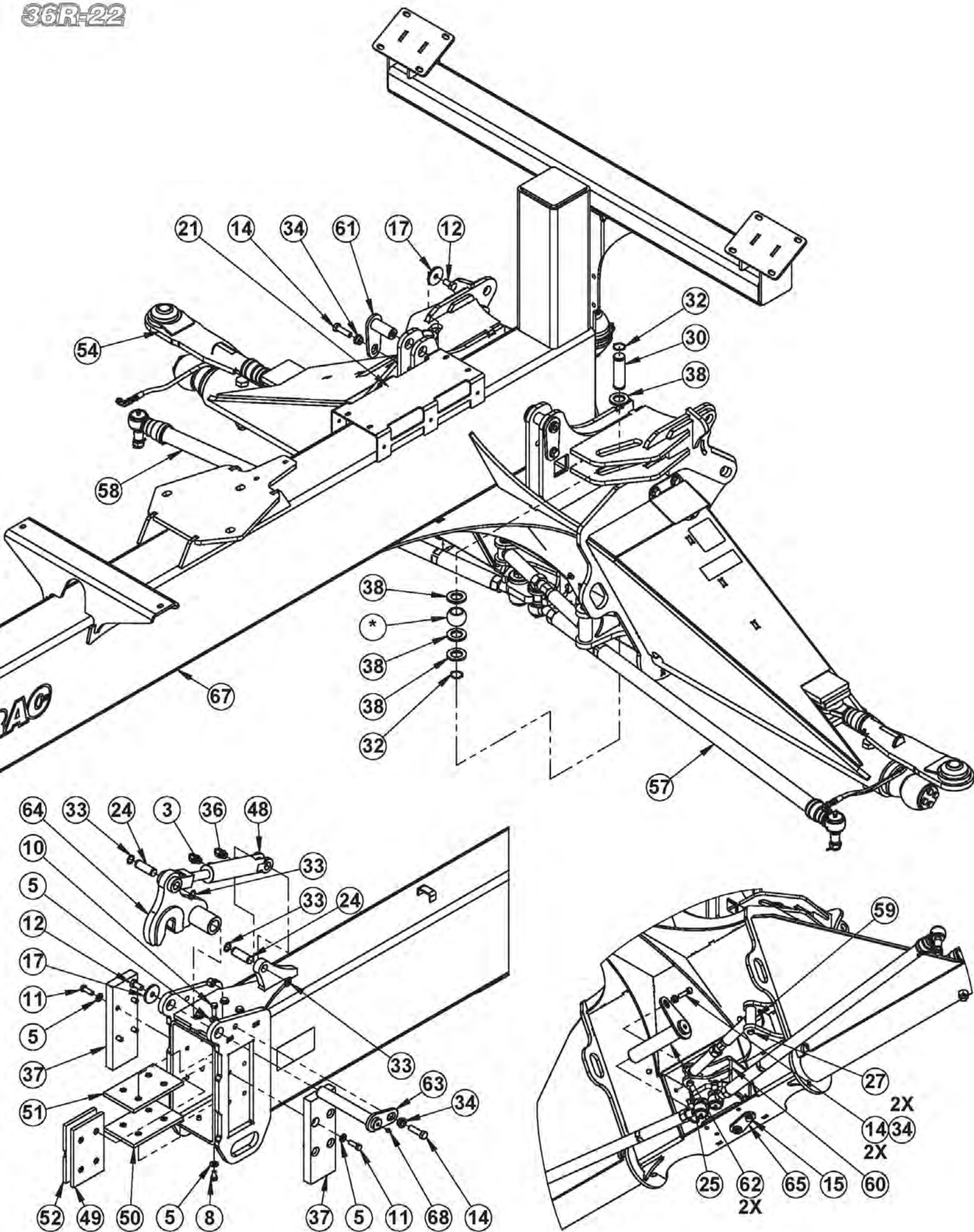


TA01219 Idler Axle Asm

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:

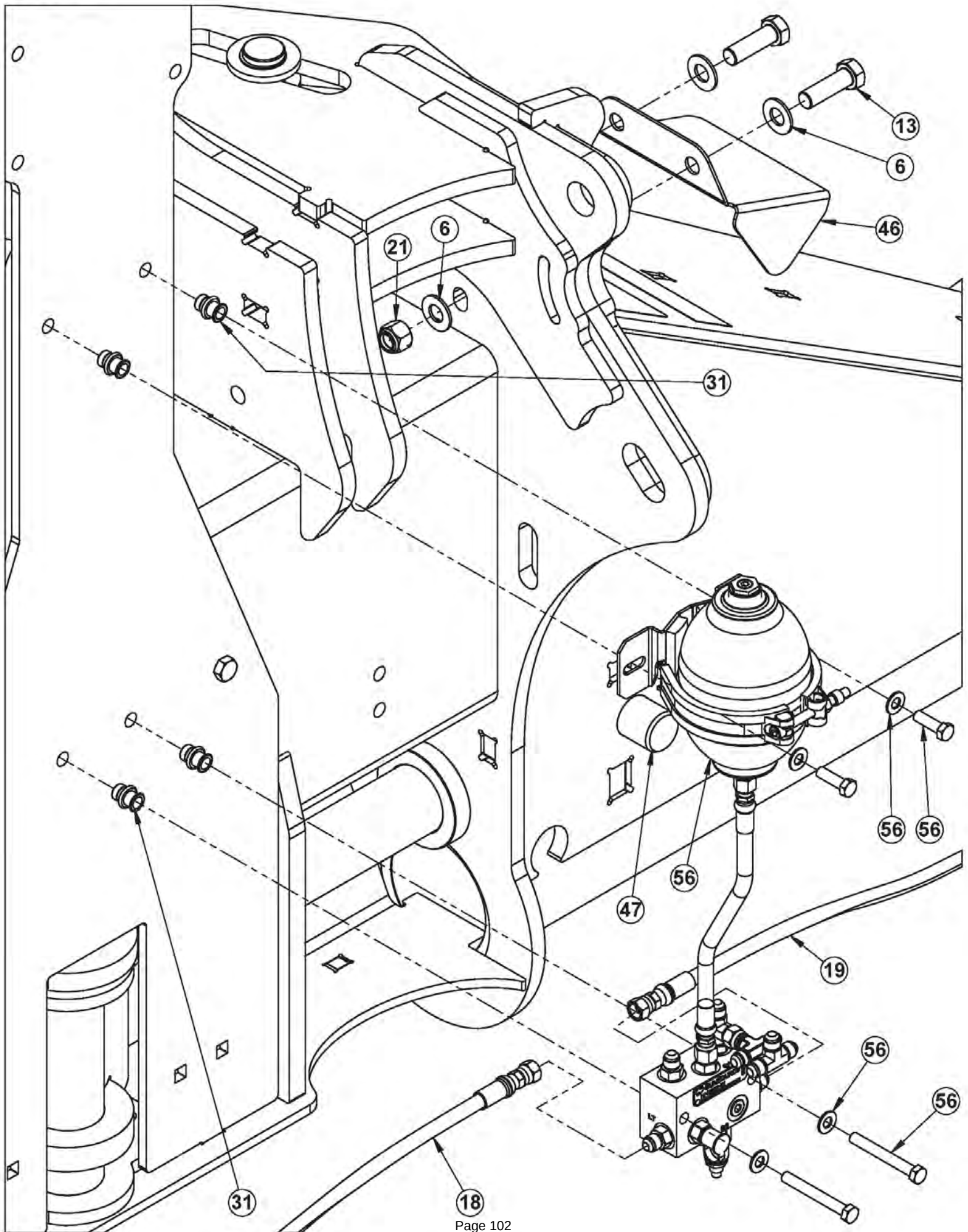
*Items marked with an asterisk are items that are included in that particular part or assembly.



TA01980 Assy, 60/66' Main Frame 132" (1200)				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
3	AD-06MJ-08MB-90	ADAPTER 06MJ-08MB 90	1	
5	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	16	
8	HB-0.500-13X0.88Y8	Bolt, Hex Hd 1/2-13x7/8 YZ8	4	
10	HB-0.500-13X1.38Y8	Bolt, Hex Hd 1/2-13x1-3/8 YZ8	4	
11	HB-0.500-13X1.50Y8	Bolt, Hex Hd 1/2-13x1-1/2 YZ8	8	
12	HB-0.625-11X1.25Y8	Bolt, Hex Head-5/8-11x1.25-YZ8	3	
14	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	5	
15	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	1	
17	HDWSH-0.64X2.50Y	HD Washer 0.64 x 2.50	3	
21	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	10	
24	PIN-1.000X2.63Y	PIN-1.000X2.63Y	2	
25	PIN-1.000X3.38Y	PIN-1.000X3.38Y	1	
27	PIN-1.000X5.75Y	Pin-1.000x5.750-YZ	1	
30	PIN-1.438X4.25Y	Pin-1.4375x4.250-YZ	2	
32	SRING-EXT-1.44	1-7/16" External Snap Ring	4	
33	SRING-EXT-HD-1.00Y	SRING-EXT-HD-1.00Y	10	
34	T0050854	Anti Rotation Insert	6	
36	T0052369	ADAPTER 06MJ-08MB 90 W/ORF	1	
37	T0052579	Slider Block	2	
38	T0052610	Washer, Control Link	8	
48	TA00632	Cylinder, Hyd 2.00X4.00	1	
49	TA00801	Assy, Slider	1	
50	TA00801	Assy, Slider	1	
51	TA00801	Assy, Slider	1	
52	TA00843	Assy, Slider	1	
54	TA01117	Tilt Control Assembly	1	
57	TA01582	132 Inch Tie Rod Assy	1	
58	TA01582	132 Inch Tie Rod Assy	1	
59	TA01637	Assy, Turnbuckle	1	
60	TA01916	Assy, Steering Pivot	1	
61	TW000630	Pin Weldment	2	
62	TW001012	Pin Weldment	2	
63	TW001050	Pin Weldment	1	
64	TW001150	Wldmt, Hitch Latch	1	
65	TW001170	Pin Weldment	1	
67	TW001429	Wldmt, 60/66' Main Frame (132")	1	
68	ZERK-0.125-27-NPT	Zerk,-1/8-27-NPT	1	

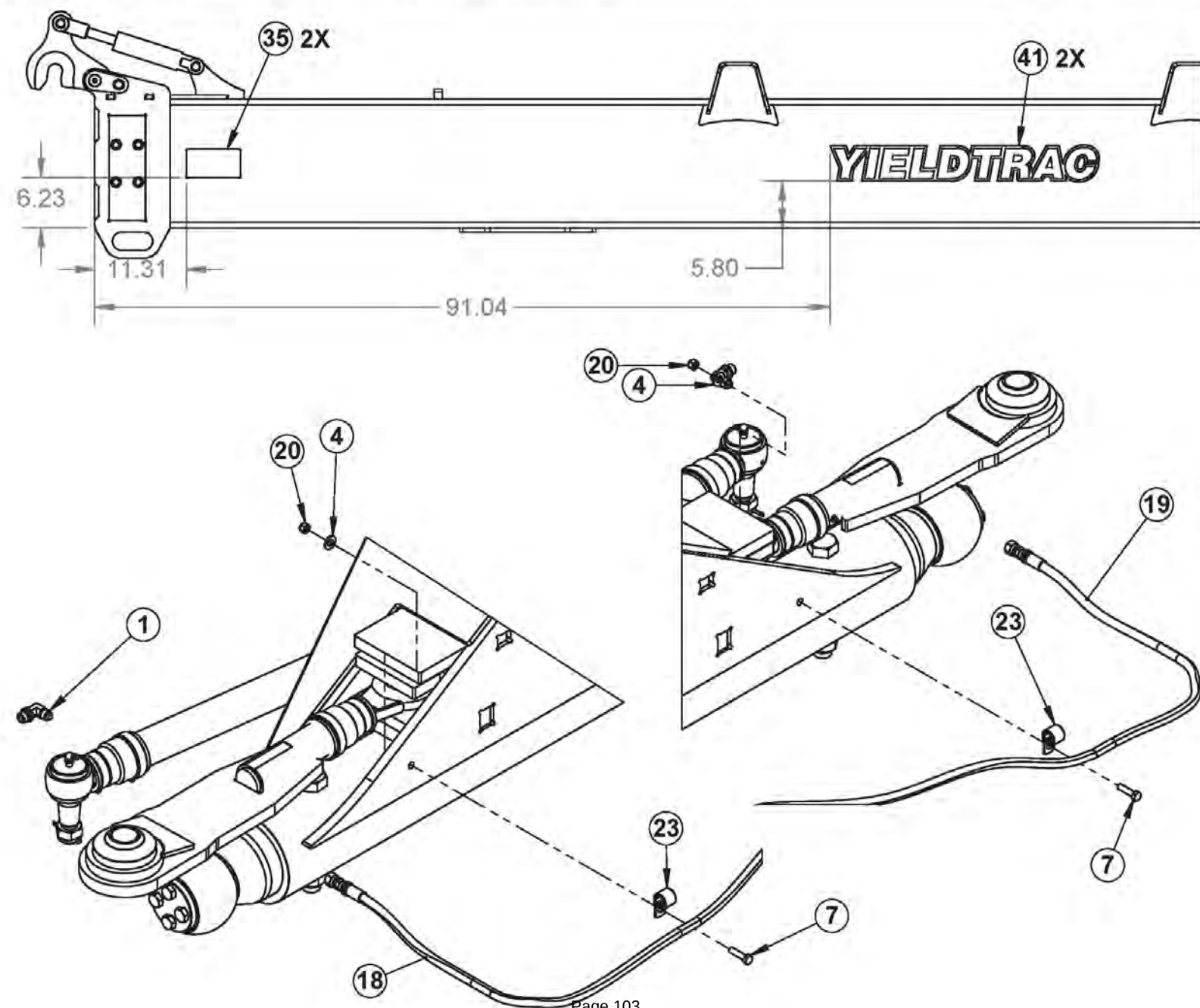
Note:

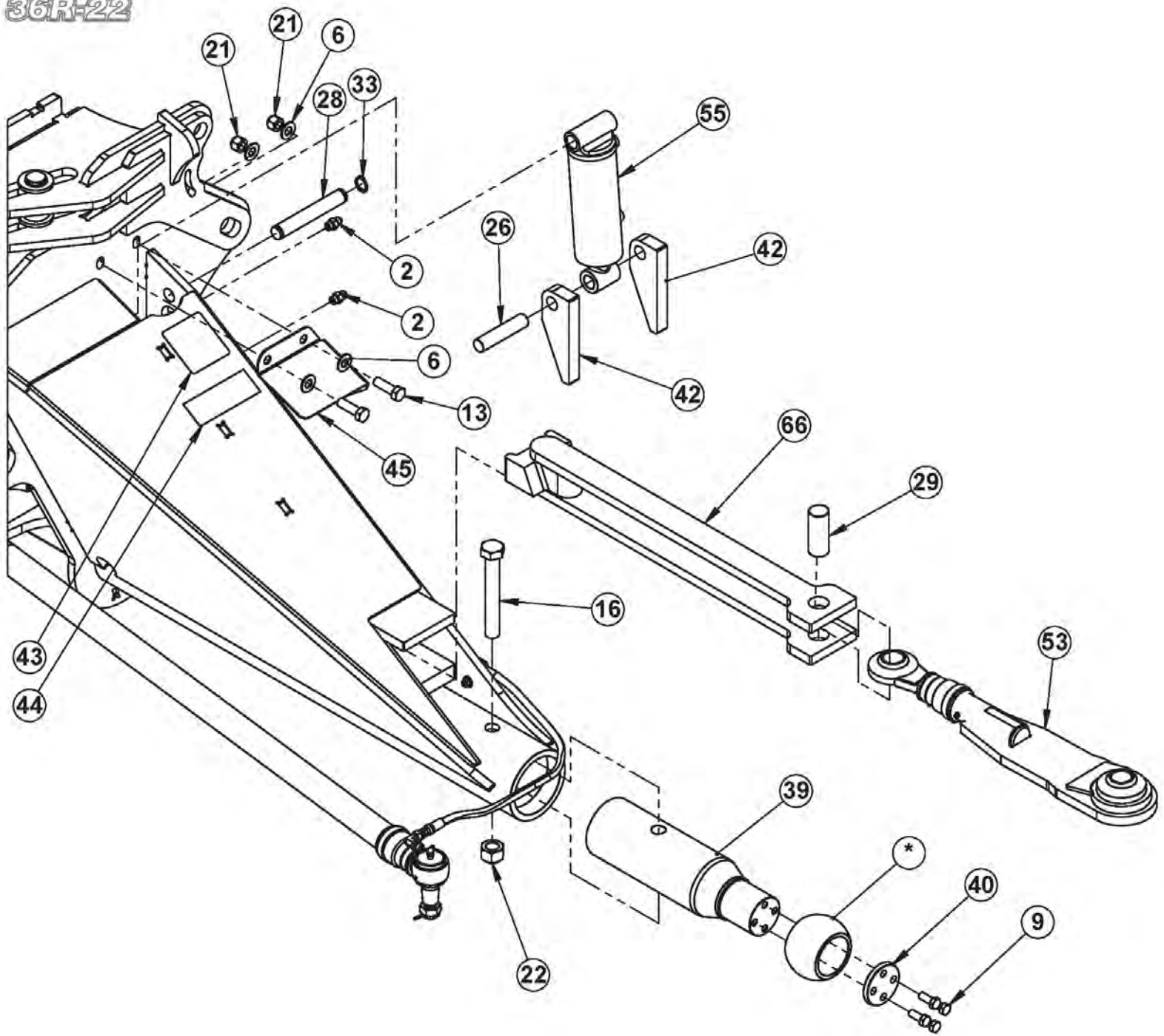
1. [T=XXX] = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



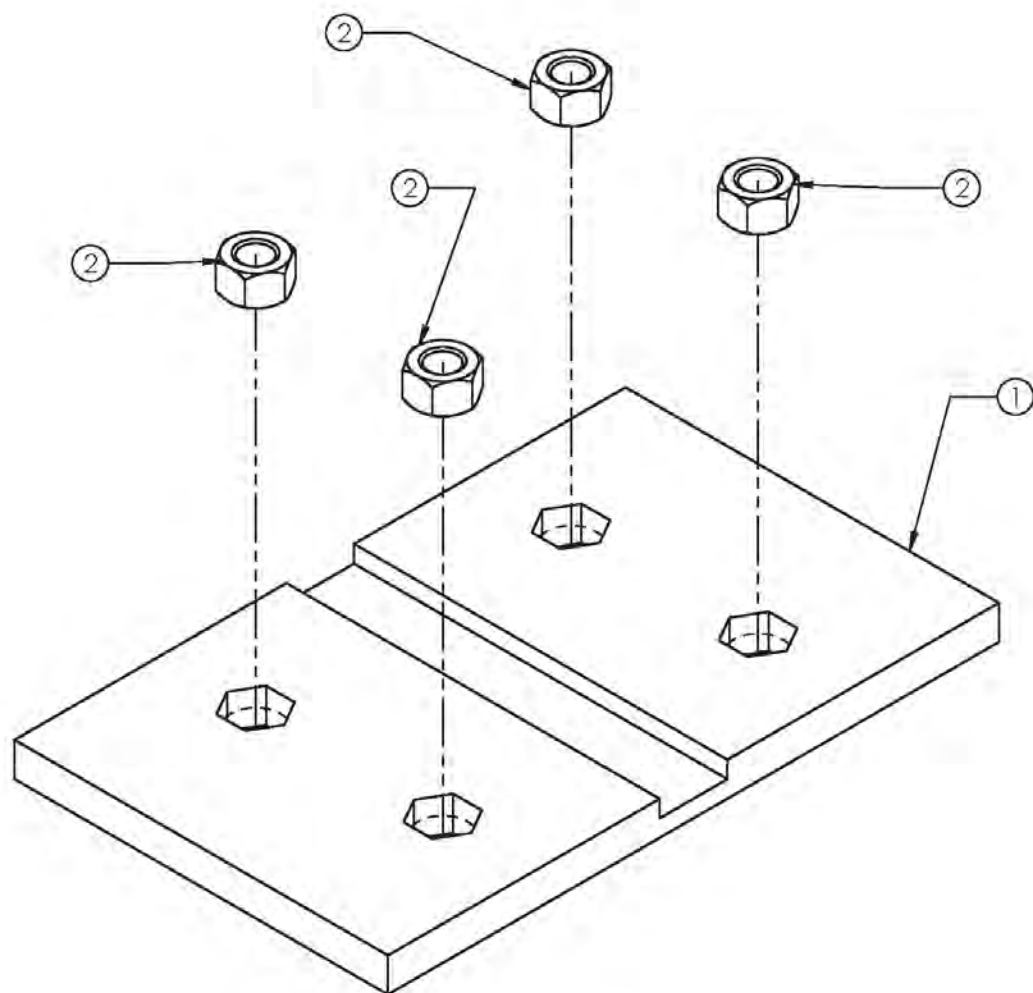
TA01980 Assy, 60/66' Main Frame 132" (1200)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	AD-06MJ-06MB-90	ADAPTER 06MJ-06MB 90	2	
4	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	2	
6	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	9	
7	HB-0.313-18X1.25Y8	Bolt, Hex Hd 5/16-18x1-1/4 YZ8	2	
13	HB-0.625-11X2.00Y8	Bolt, Hex Head-5/8-11x2-YZ8	4	
18	HS04-079-06FJ-06FJ-C	Hose 0.25-079-06FJX-06FJX-STC	1	
19	HS04-079-06FJ-06FJ-C	Hose 0.25-079-06FJX-06FJX-STC	1	
20	NLNUT-0.313-18Y8	Nut, Nylock 5/16"-18-YZ8	2	
21	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	10	
23	PCLMP-0.750x0.875	Clmp, Cus Pipe Ø3/4"x7/8"	2	
31	RN-0.375-16-.31-.44-Y	Rivnut, 3/8-16 UNC .31-.44 GR	4	
35	T0051588	Decal, Warning - Crush Hazard	2	
41	T0054236	Decal, Yieldtrac 4.4x33.3	2	
46	T0054905	Cover, RH Cylinder	1	
47	T0055290	Pin, Shipping Lock	2	
56	TA01239	Assy, Track Tension Valve	1	



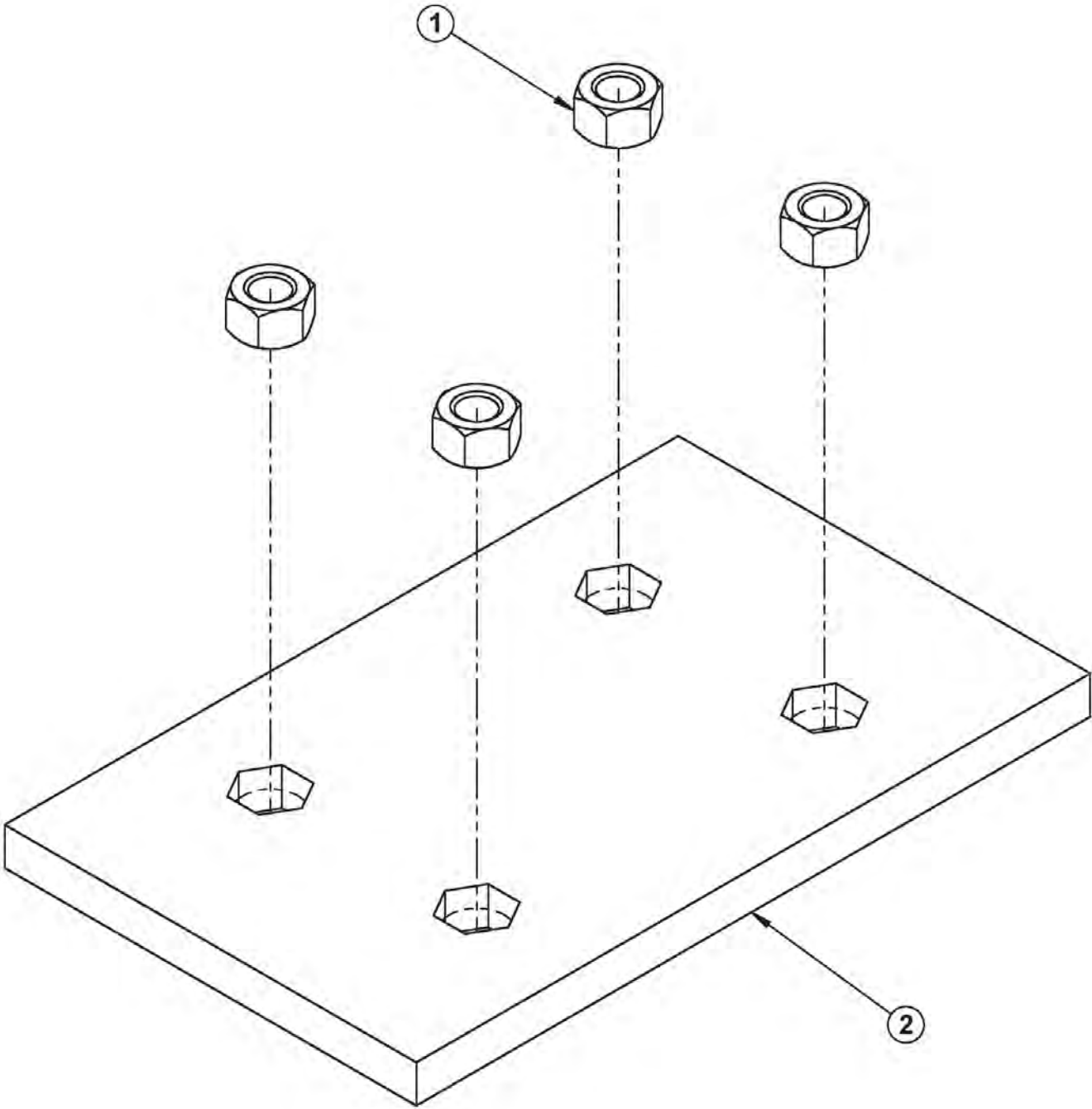


TA01980 Assy, 60/66' Main Frame 132" (1200)				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
2	AD-06MJ-06MB	ADAPTER 06MJ-06MB	4	
6	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	9	
9	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	8	
13	HB-0.625-11X2.00Y8	Bolt, Hex Head-5/8-11x2-YZ8	4	
16	HB-1.000-8X7.00Y8	Bolt, Hex Hd-1-8x7-YZ8	2	
21	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	10	
22	NLNUT-1.000-8Y8	Nut, Nylock-1.0-8-YZ8	2	
26	PIN-1.000X4.63Y	PIN-1.000X4.63Y	2	
28	PIN-1.000X6.125Y	Pin-1.0000x6.125-YZ	2	
29	PIN-1.438X3.50Y	PIN-1.438X3.50Y	2	
33	SRING-EXT-HD-1.00Y	SRING-EXT-HD-1.00Y	10	
39	T0053788	Axle, Track Stub	2	
40	T0053791	Washer, Track Axle Retention	2	
42	T0054616	Stop Insert	4	
43	T0054707	Decal, Warn-Crush Haz Mn Lift	2	
44	T0054708	Decal, 320 Lug Torque	2	
45	T0054904	Cylinder Cover, LH	1	
53	TA01117	Tilt Control Assembly	1	
55	TA01235	Cylinder, Tilt Stop	2	
66	TW001265	Wdmt, 132" Stop Block	2	



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

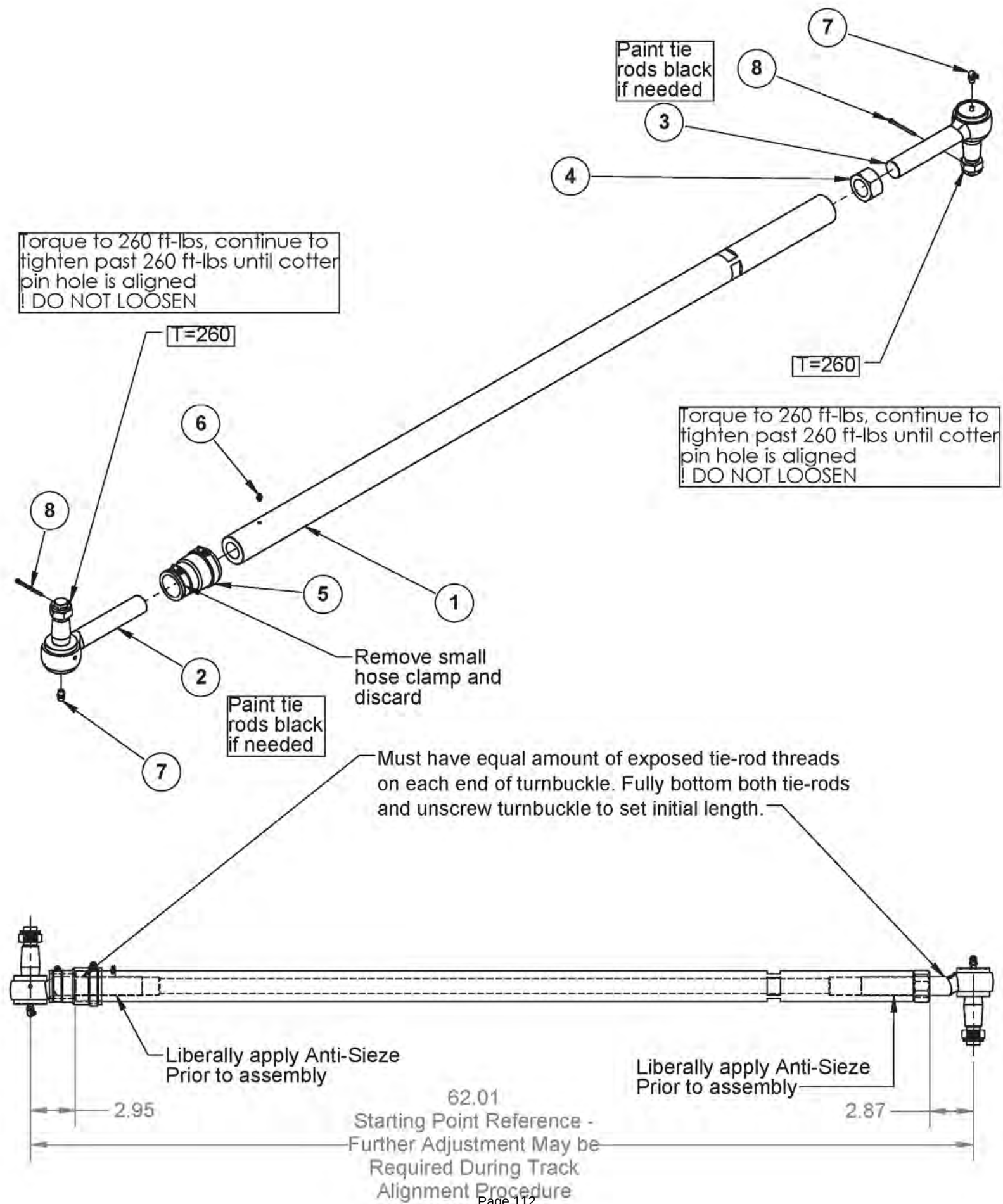
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	HNUT-0.500-13Y8	Nut, Hex 1/2-13 YZ8	4	
2	T0052285	Pad, Slider	1	

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.

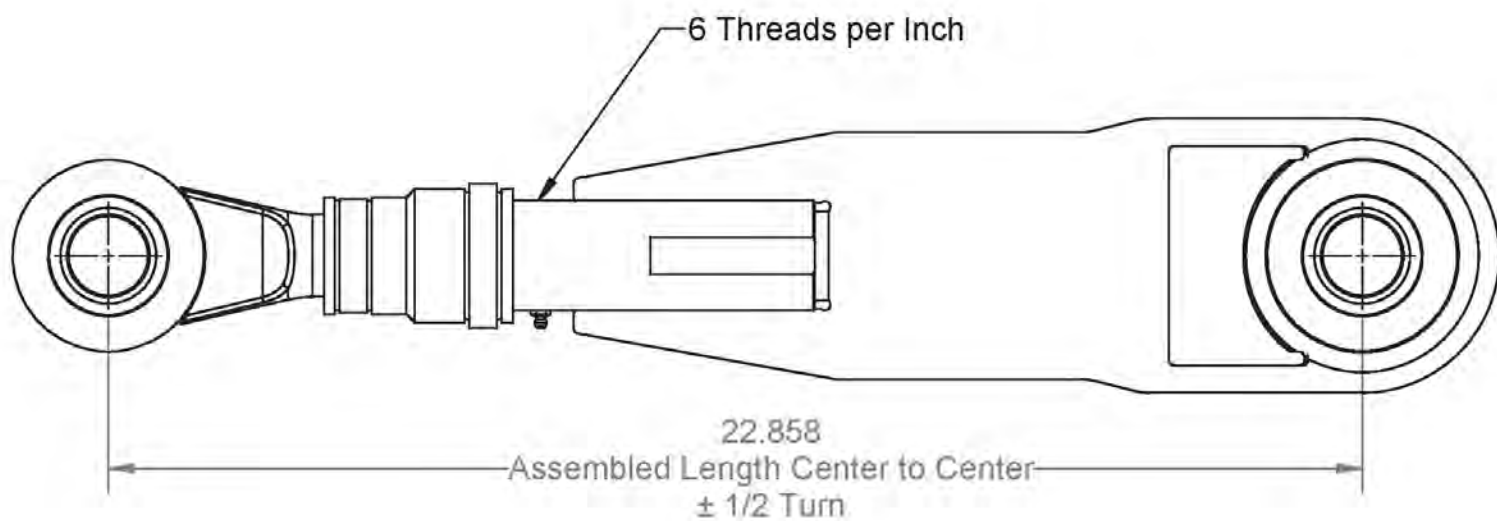
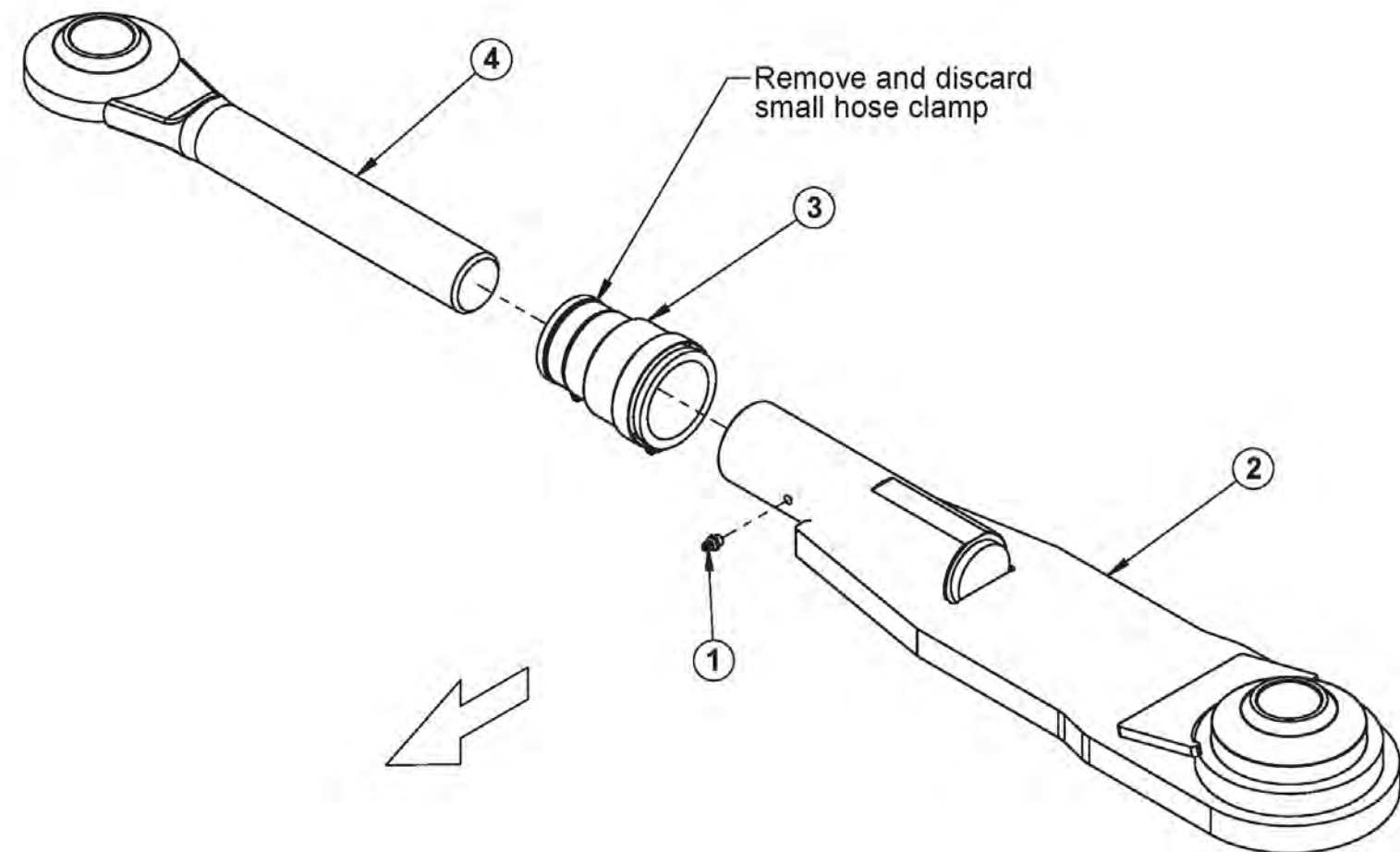


TA01582 132 Inch Tie Rod Assy

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0055186	132 Inch Tie Rod	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	COTTERPIN 5/32 X 1-1/2	2	

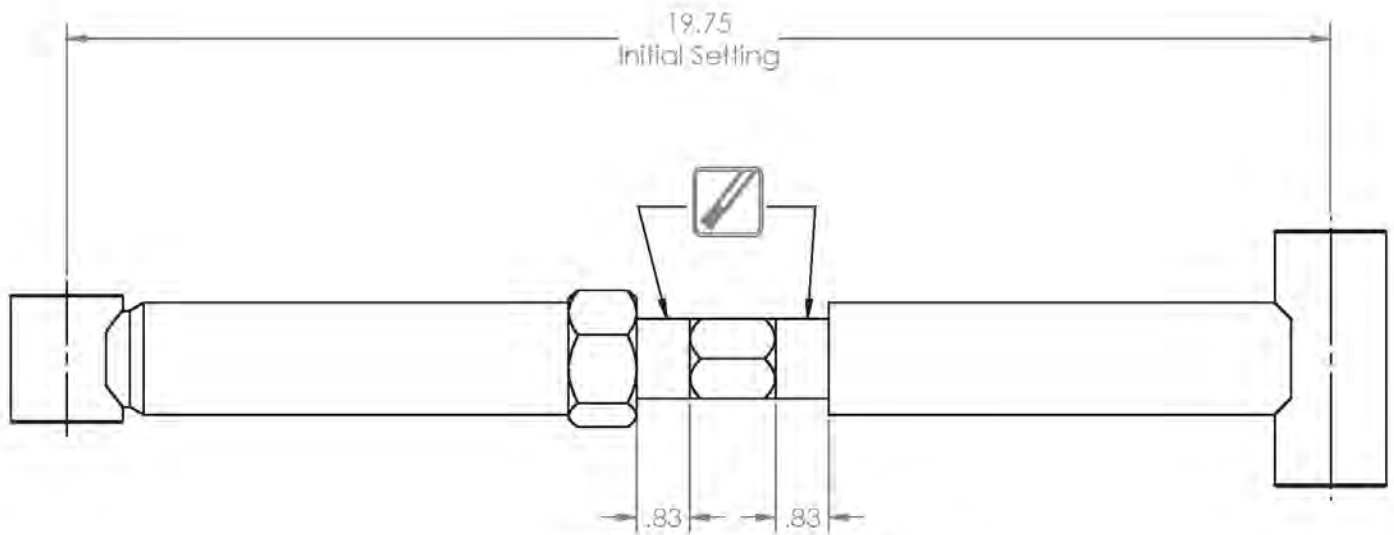
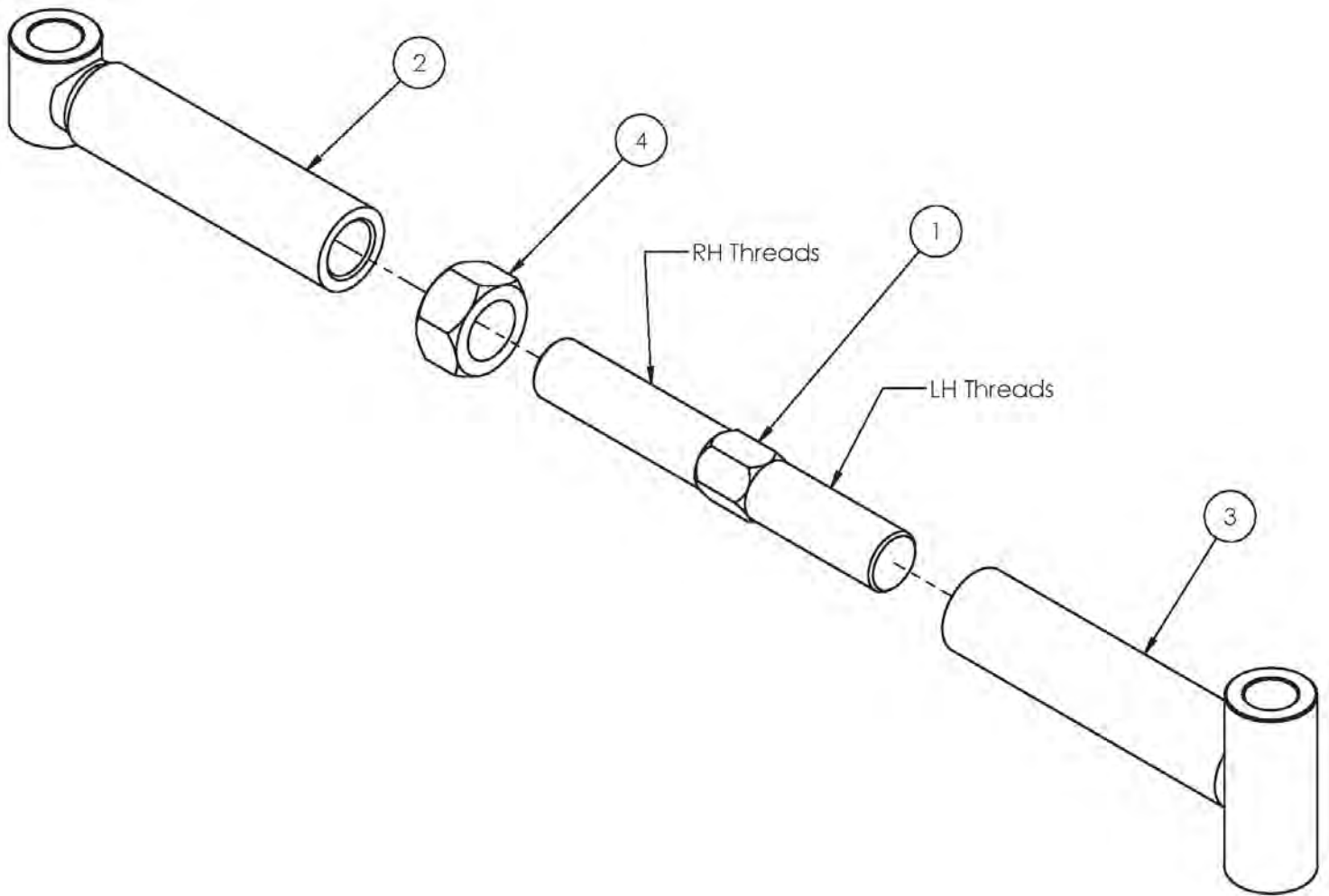
Note:

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	



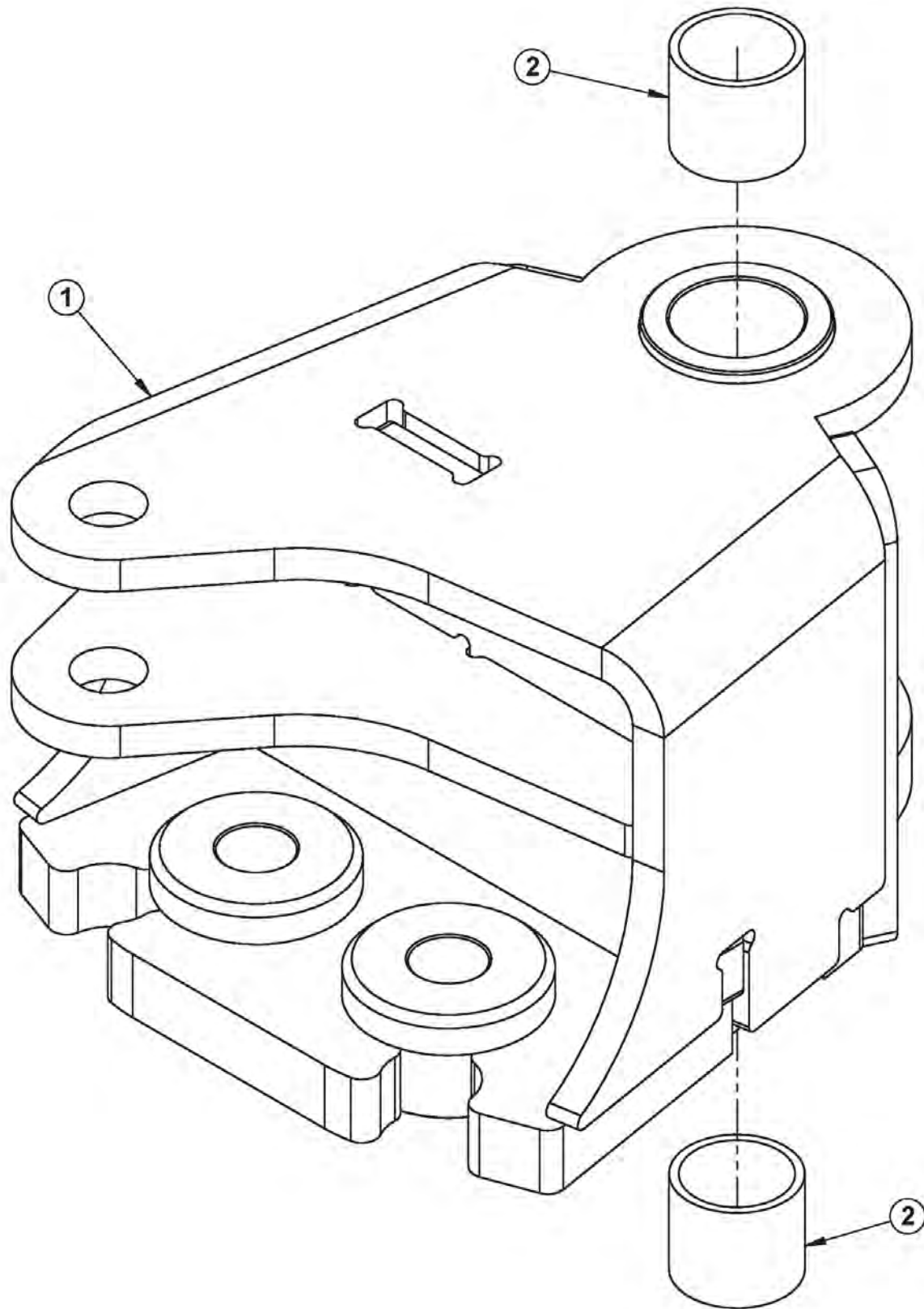
Thread lengths must be equal

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	

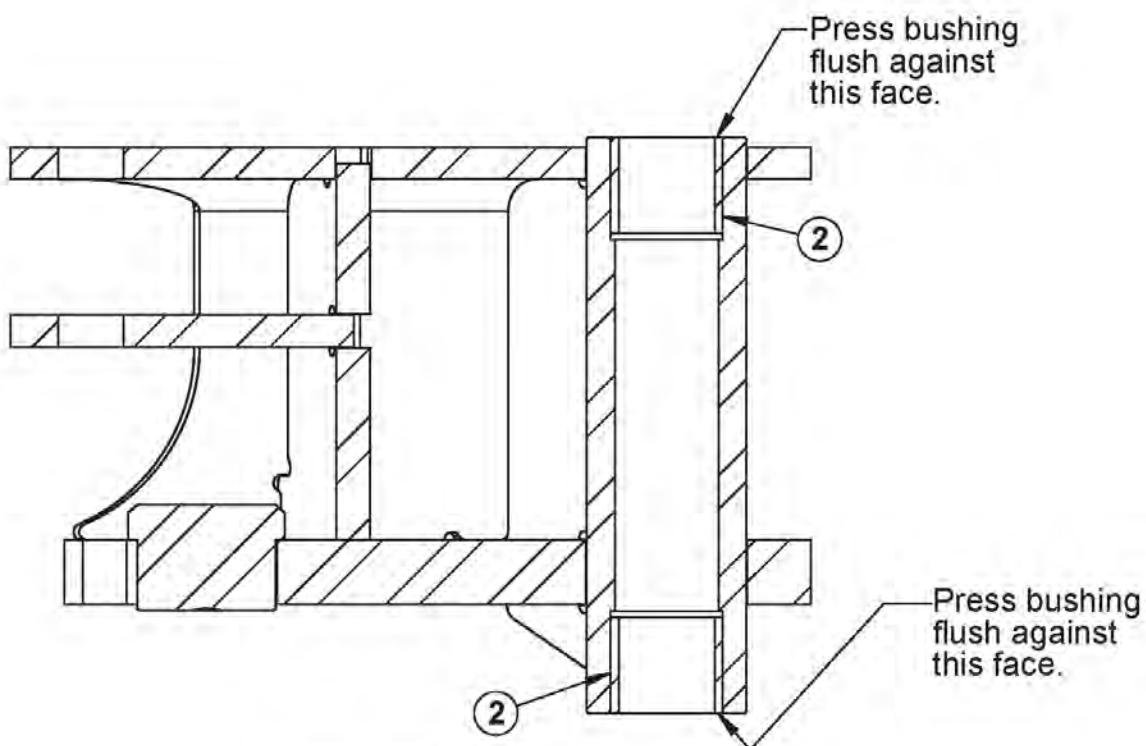
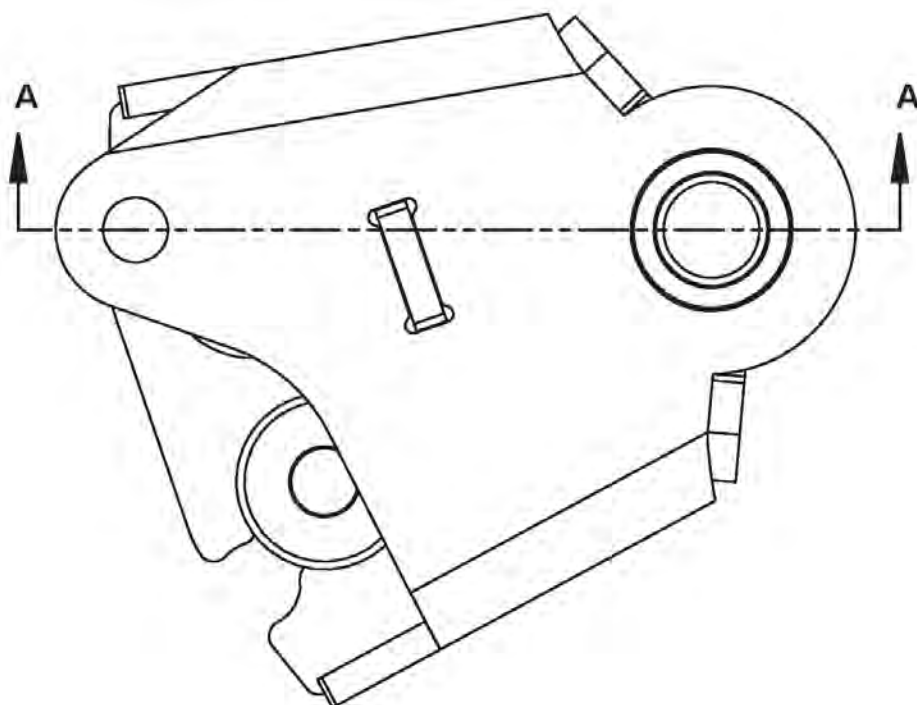
Note:

1. **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-Sieze

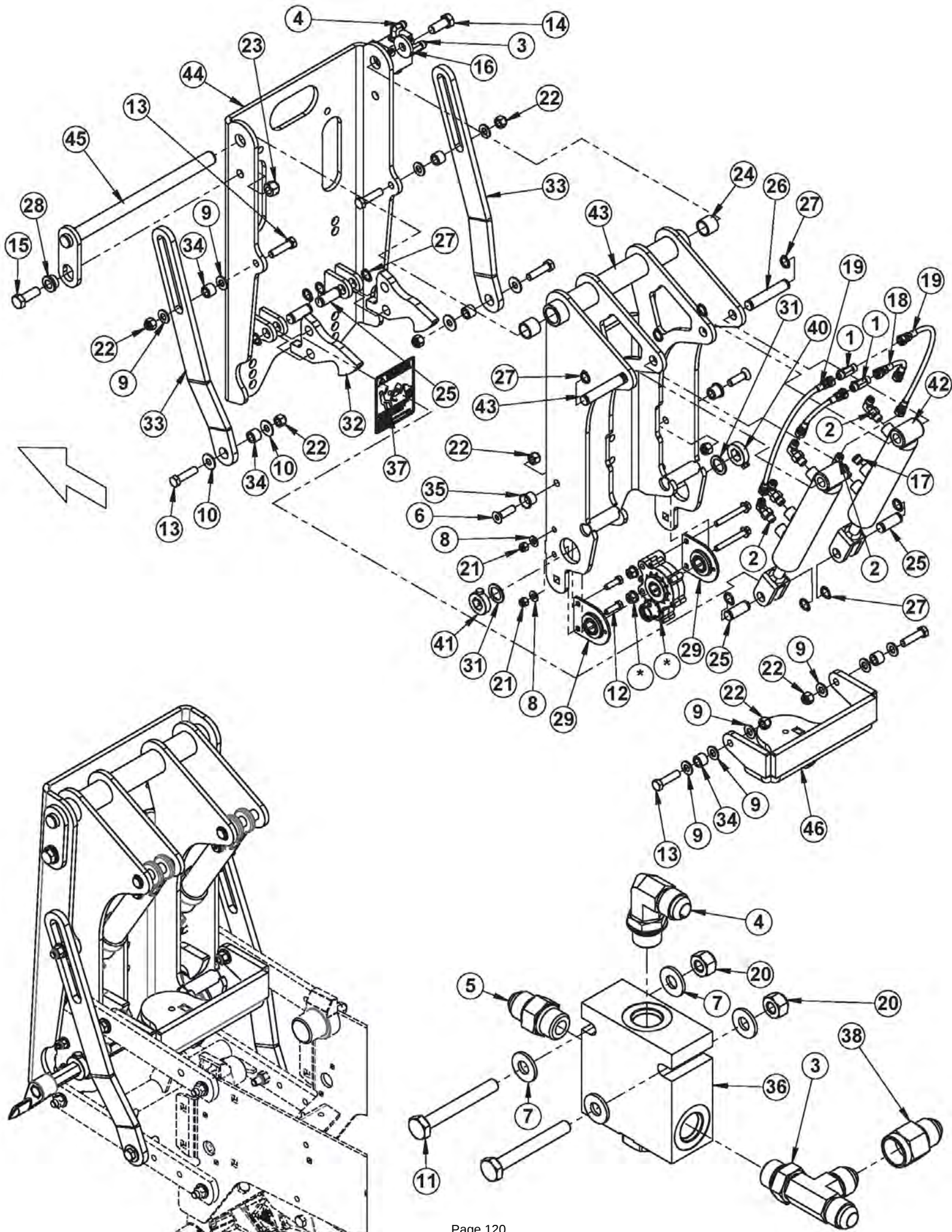


TA01916 Assy, Steering Pivot

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW001458	Wldmt, Steering Pivot	1	
2	PB-1.500X1.75X1.50	Bush, Polygon 1.50x1.75x1.50	2	



SECTION A-A
SCALE 1 : 3

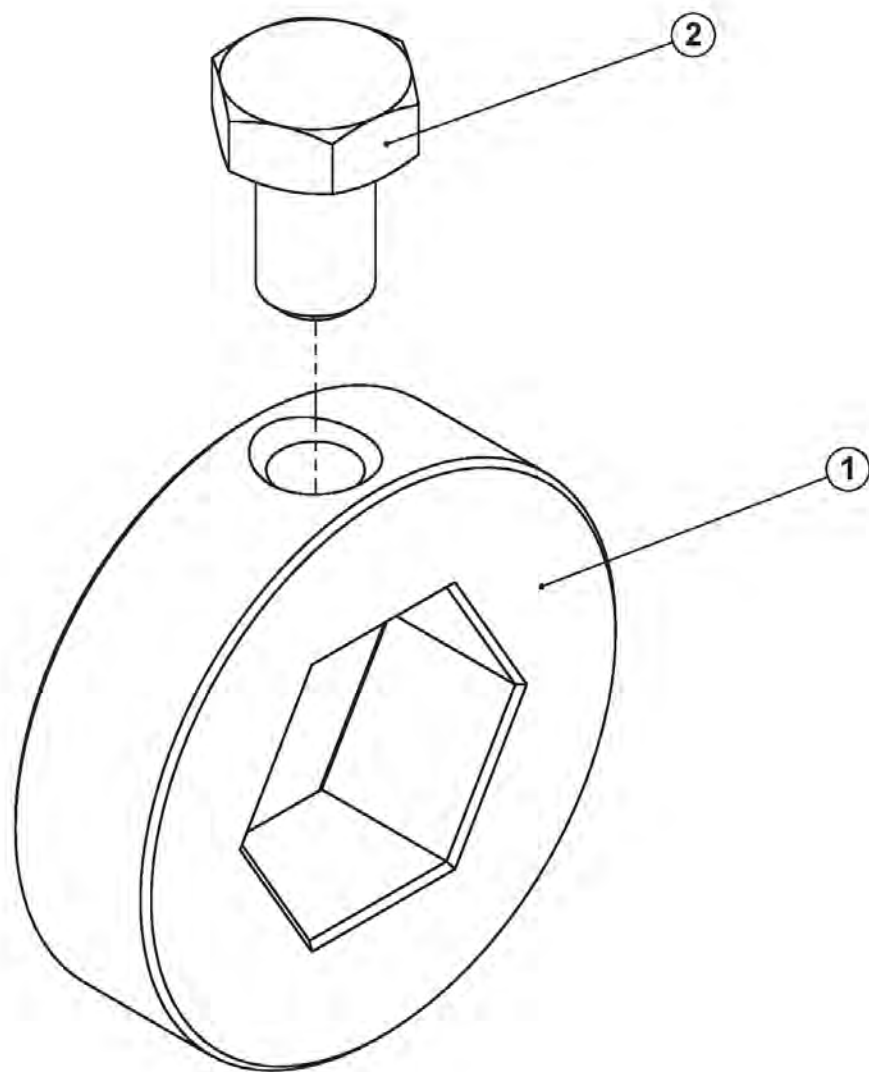


TA01560 Assy, Row Unit Lift ASM

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	AD-04MFS-04MFS-04MFS	Adapter, 04MFS-04MFS-04MFS Tee	2	
2	AD-04MFS-06MB-90	Adapter, 04MFS-06MB 90	5	
3	AD-06MJ-06MB-06MJ	Adapter, 06MJ-06MB-06MJ Tee	1	
4	AD-06MJ-06MB-90	Adapter, 06MJ-06MB 90	1	
5	AD-06MJ-06MB	Adapter, 06MJ-06MB	1	
6	FHSCS-0.500-13X1.75Y8	FHSHCS 1/2-13x1-3/4-YZ	2	
7	FW-SAE-0.250Y	Washer, Flat SAE 1/4 YZ	4	
8	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	2	
9	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	10	
10	FW-USS-0.438Y	Washer, Flat USS 7/16 YZ	4	
11	HB-0.250-20X2.00Y8	Bolt, Hex Hd 1/4-20x2 YZ8	2	
12	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	2	
13	HB-0.500-13X2.00Y8	Bolt, Hex Hd 1/2-13x2 YZ8	6	
14	HB-0.625-11X1.50Y8	Bolt, Hex Hd 5/8-11x1-1/2 YZ8	1	
15	HB-0.625-11X1.75Y8	Bolt, Hex Hd 5/8-11x1-3/4 YZ8	1	
16	HDWSH-0.64X1.75Y	HD Washer 41/64x1-3/4 YZ	1	
17	HEXPLUG-06MB-HLW	06MB HOLLOW HEX PLUG	1	
18	HS02-005-04FS-04FS	Hose 0.125-005-04FS-04FS	2	
19	HS02-013-04FS-04FS	Hose 0.125-013-04FS-04FS	2	
20	NLNUT-0.250-20Y8	Nylon Lock Nut, 1/4-20 YZ8	2	
21	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	2	
22	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	8	
23	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	1	
24	PB-1.000X1.25X1.00	Bushing, Composite 1x1-1/4x1	2	
25	PIN-0.750X1.63Y	Pin, 3/4x1-5/8 YZ	4	
26	PIN-0.750X3.63Y	Pin, 3/4x3-5/8 YZ	2	
27	SRING-EXT-HD-0.75Y	Retaining Ring, External 3/4 HD YZ	12	
28	T0050854	Anti Rotation Insert	1	
29	T0052345	Bearing, 7/8" Hex Hanger	2	
30	T0053471	Plate, Row Unit Spacer	2	
31	T0054984	Washer	2	
32	T0055138	Plate, Pivot Lock	2	
33	T0055141	Plate, Row Unit Lift Arm	2	
34	T0055143	Spacer, .88OD X .53ID X .65 LG	6	
35	T0055148	Insert, Anti-Rotation For 1/2 FH	2	
36	T0055199	Valve, PO Check	1	
37	T0055291	Decal, Warning Row Unit Lift	1	
38	T0055297	ADAPTER 06MJ-06FJ W/ORF	1	
39	T0056166	Harness, Row Unit Lift ASM Extension	1	
40	TA00688	Assy, Hex Lock Collar w Bolt	1	
41	TA00688	Assy, Hex Lock Collar w Bolt	1	
42	TA01580	Cylinder, Hyd 1.75x5.25 3-Port	2	
43	TW001258	Wdmt, Row Unit Lift	1	
44	TW001259	Wdmt, Row Unit Lift Mount	1	
45	TW001260	Wdmt, Row Unit Lift Pin	1	
46	TW001261	Wdmt, Lower Air Bag Cradle	1	

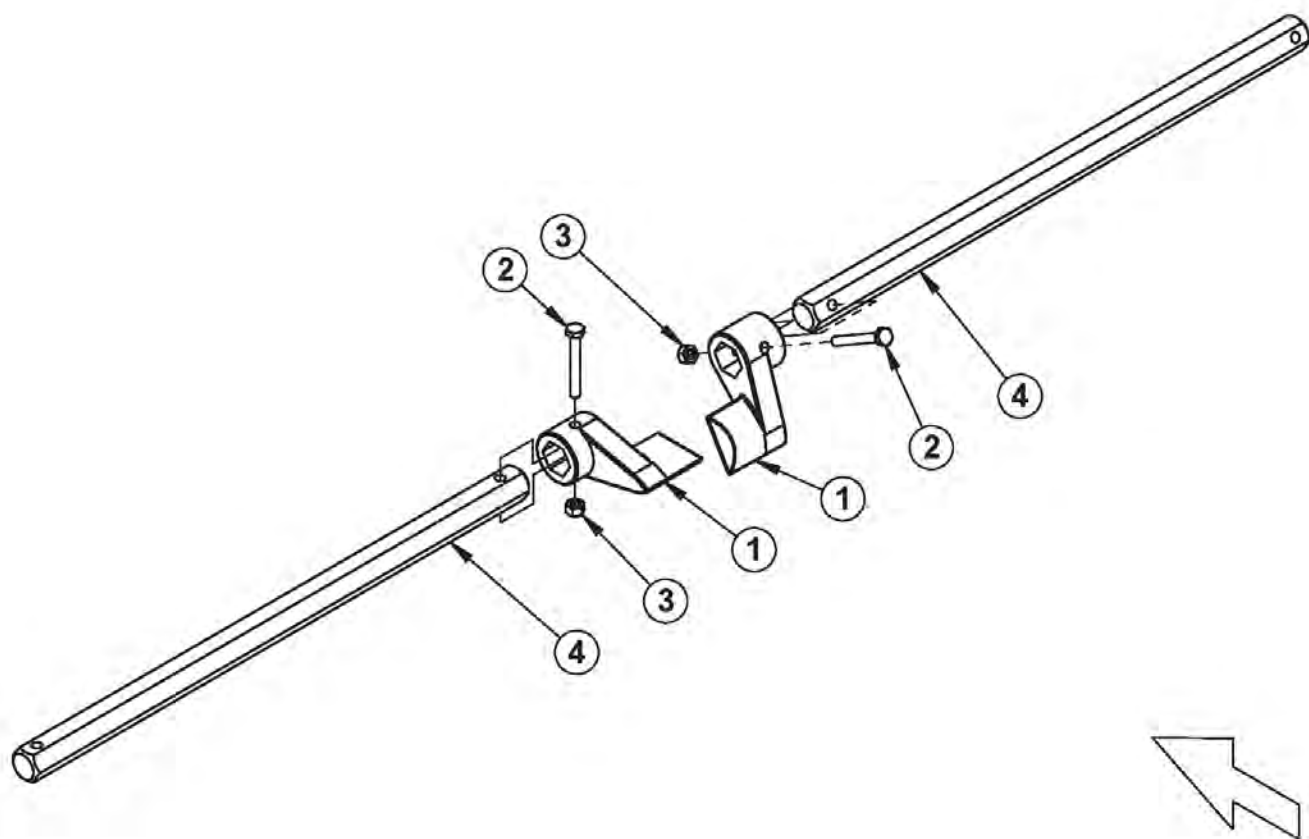
Note:

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.



TA00688 Assy, Hex Lock Collar w Bolt

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HLCOLLAR-0.875YZ	Hex Lock Collar 7/8	1	
2	HB-0.313-18X0.50Y8	Bolt, Hex Hd 5/16-18x1/2-YZ8	1	

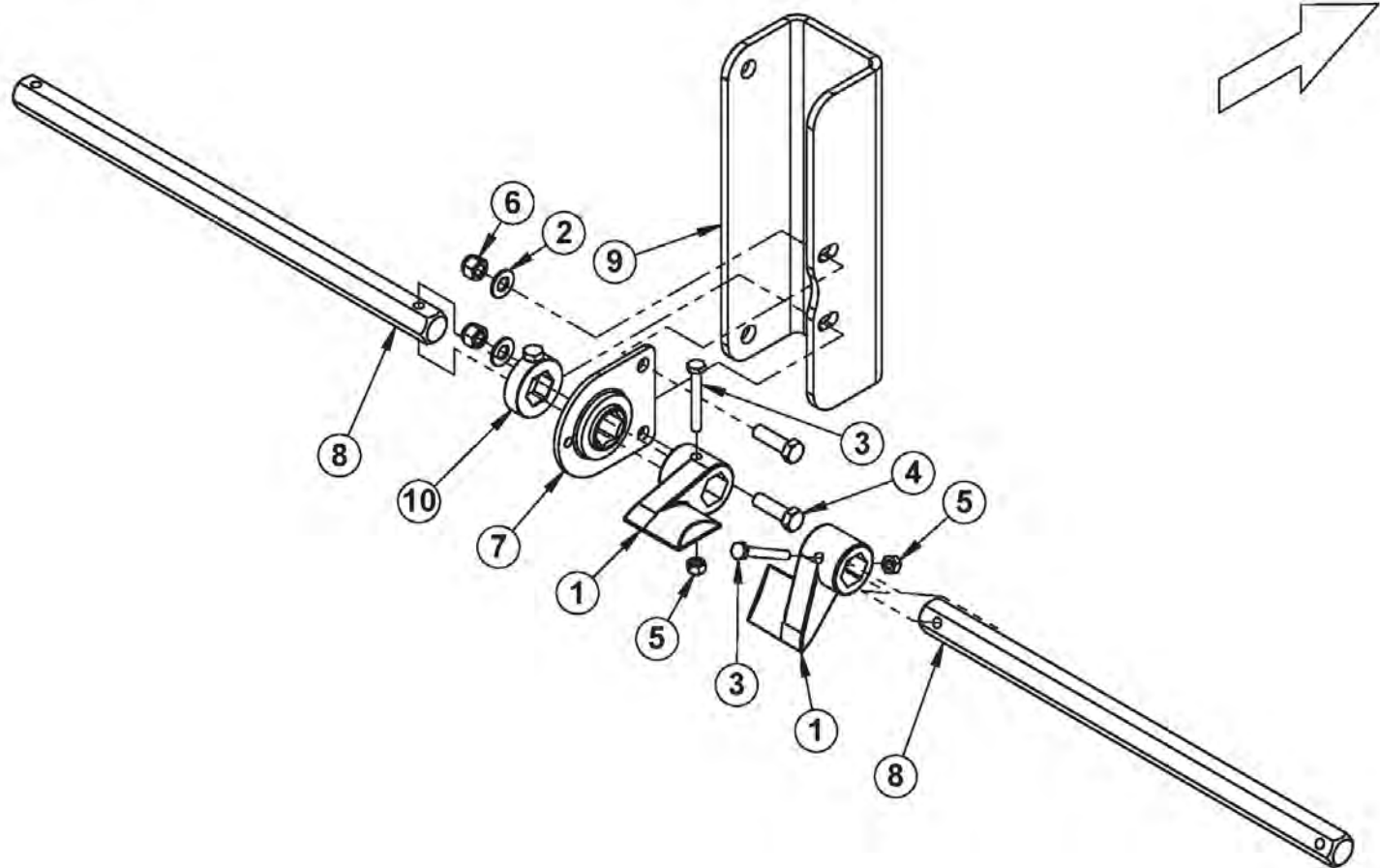


TA02089 Assy, Row Unit Lift RH Stub Arm Hex Bar

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	87539852	Coupling, Hex Bar	2	
2	HB-0.250-20X2.00Y8	Bolt, Hex Hd 1/4-20x2-YZ8	2	
3	NLNUT-0.250-20Y8	Nut, Nylock 1/4-20-YZ8	2	
4	T0056164	Hex Shaft, Row Unit Lift 18.25"	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.

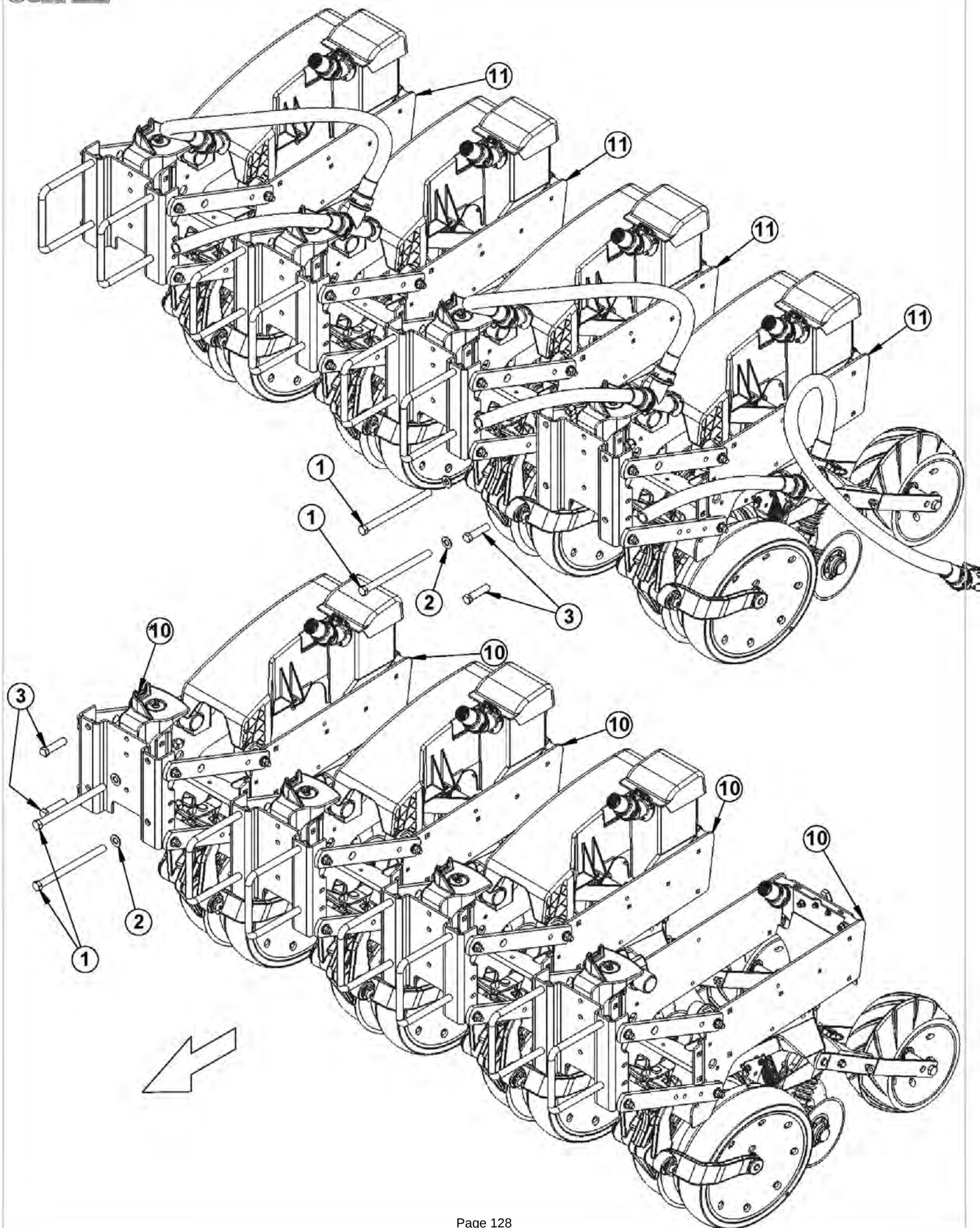


TA02090 Assy, Row Unit Lift LH Stub Arm Hex Bar

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	87539852	Coupling, Hex Bar	2	
2	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	2	
3	HB-0.250-20X2.00Y8	Bolt, Hex Hd 1/4-20x2-YZ8	2	
4	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	2	
5	NLNUT-0.250-20Y8	Nut, Nylock 1/4-20-YZ8	2	
6	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	2	
7	T0052345	Bearing, 7/8" Hex Hanger	1	
8	T0056163	Hex Shaft, Row Unit Lift 15.75"	2	
9	T0056165	Bracket, Bearing Spacer	1	
10	TA00688	Assy, Hex Lock Collar w Bolt	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.

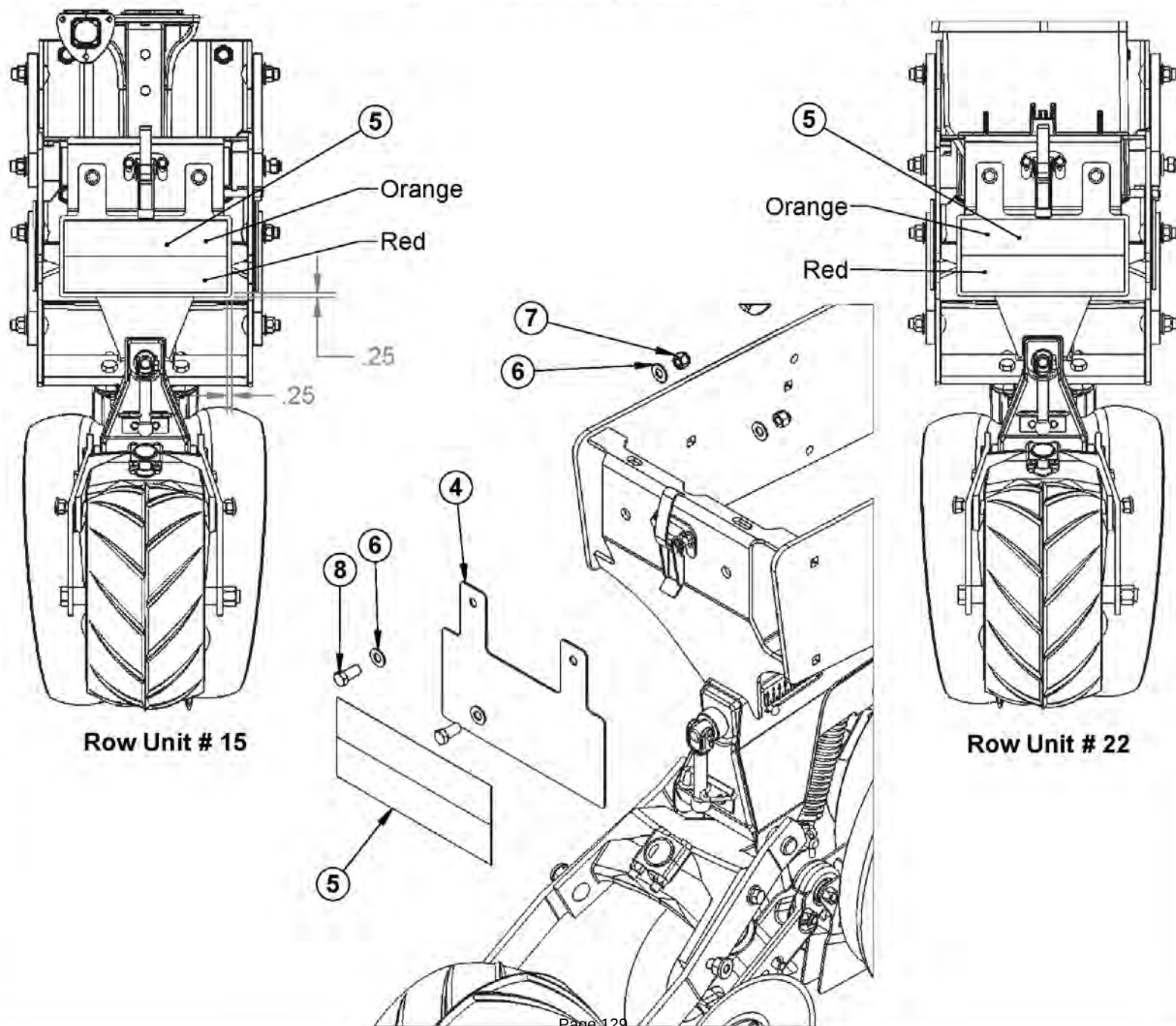


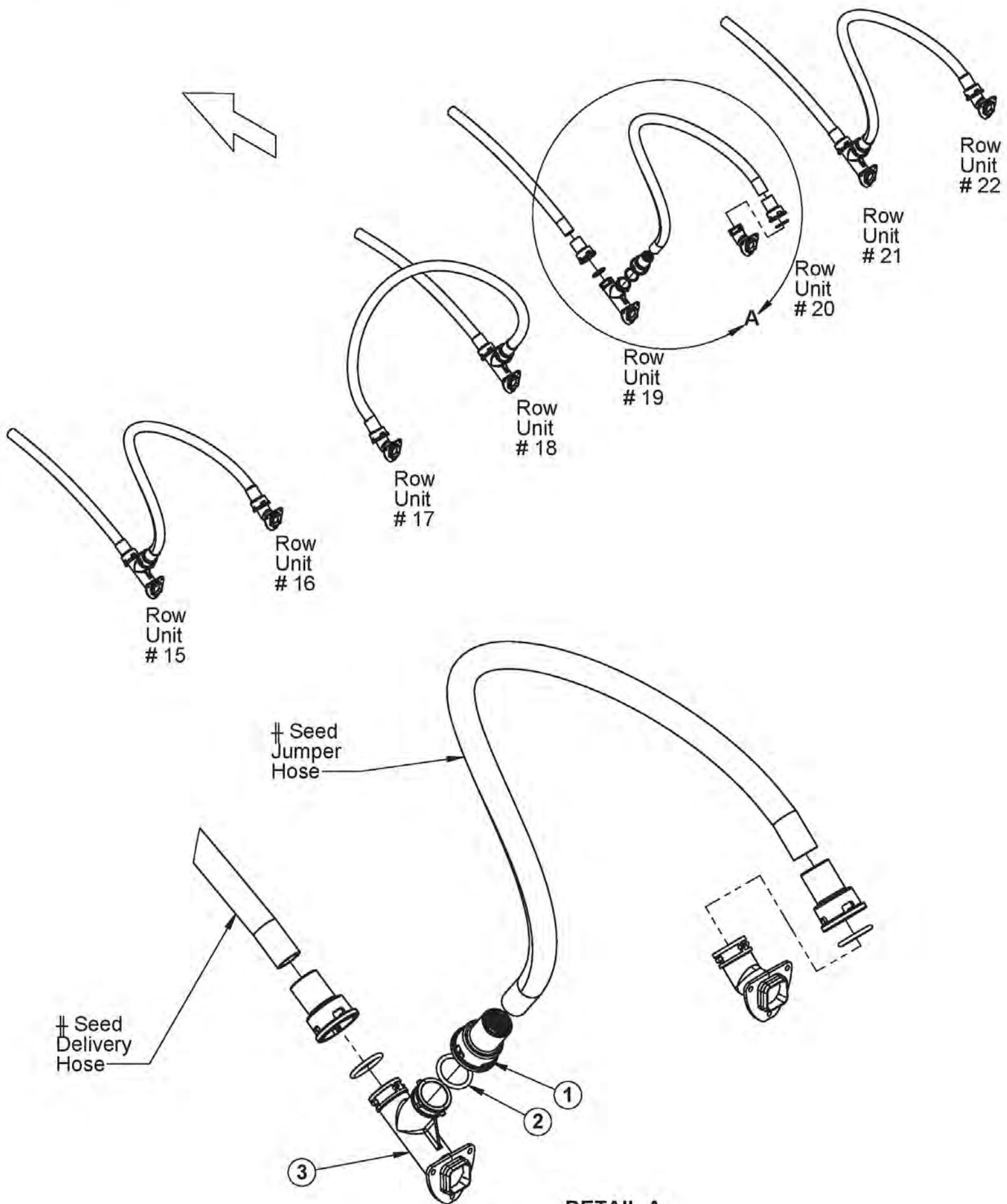
TA01432 Assy, 36R22 CB ASM STD GW Row Units

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HB-0.625-11X9.50Y8	Bolt, Hex Head-5/8-11x9.50-YZ8	4	
2	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	4	
3	TB-0.625-11X2.75Y8	TBolt-5/8-11x2.75-YZ8	4	
4	T0051736	Brckt, Rear Row Unit Reflector	2	
5	T0051727	Decal, Refl Red,Orange-2x18	2	
6	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	8	
7	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	4	
8	HB-0.375-16X0.88Y8	Bolt, Hex Hd 3/8-16x7/8-YZ8	4	
9	TA01302	Assy, CenterBar Seed Delv & Jump	1	
10	47525132	LH Row Unit	4	
11	47525133	RH ASM STD GW Row Unit	4	

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.





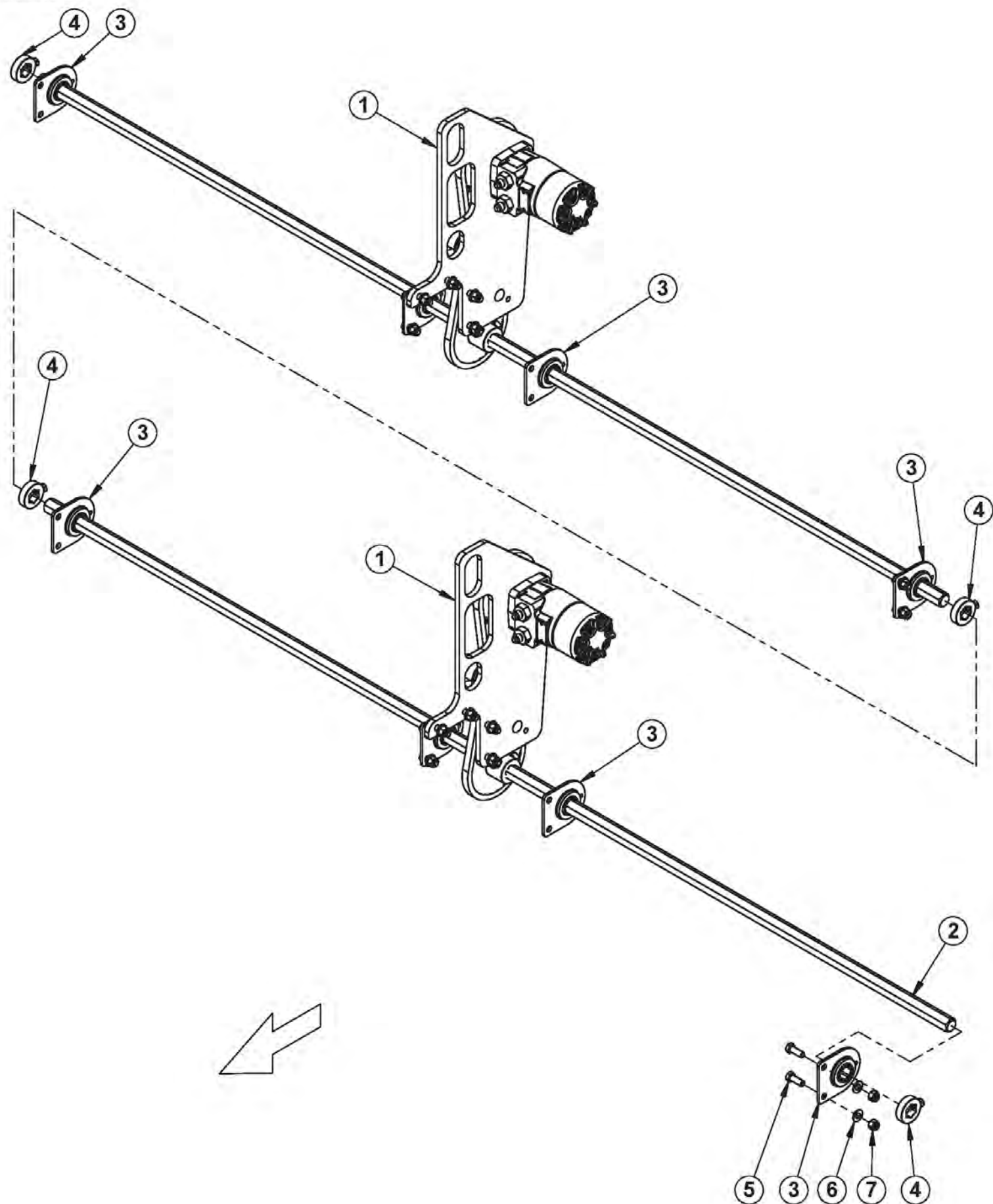
DETAIL A
SCALE 1 : 6

TA01302 Assy, CenterBar Seed Delv & Jumpr

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	84396735	Coupling, Quick Male Seed	4	
2	84372879	O-Ring	4	
3	84424020	Divider	4	

Note:

1. ‡ Use bulk part number T0051672 Hose-1.00" PVC (100' Roll) or CNH P/N 87483976.

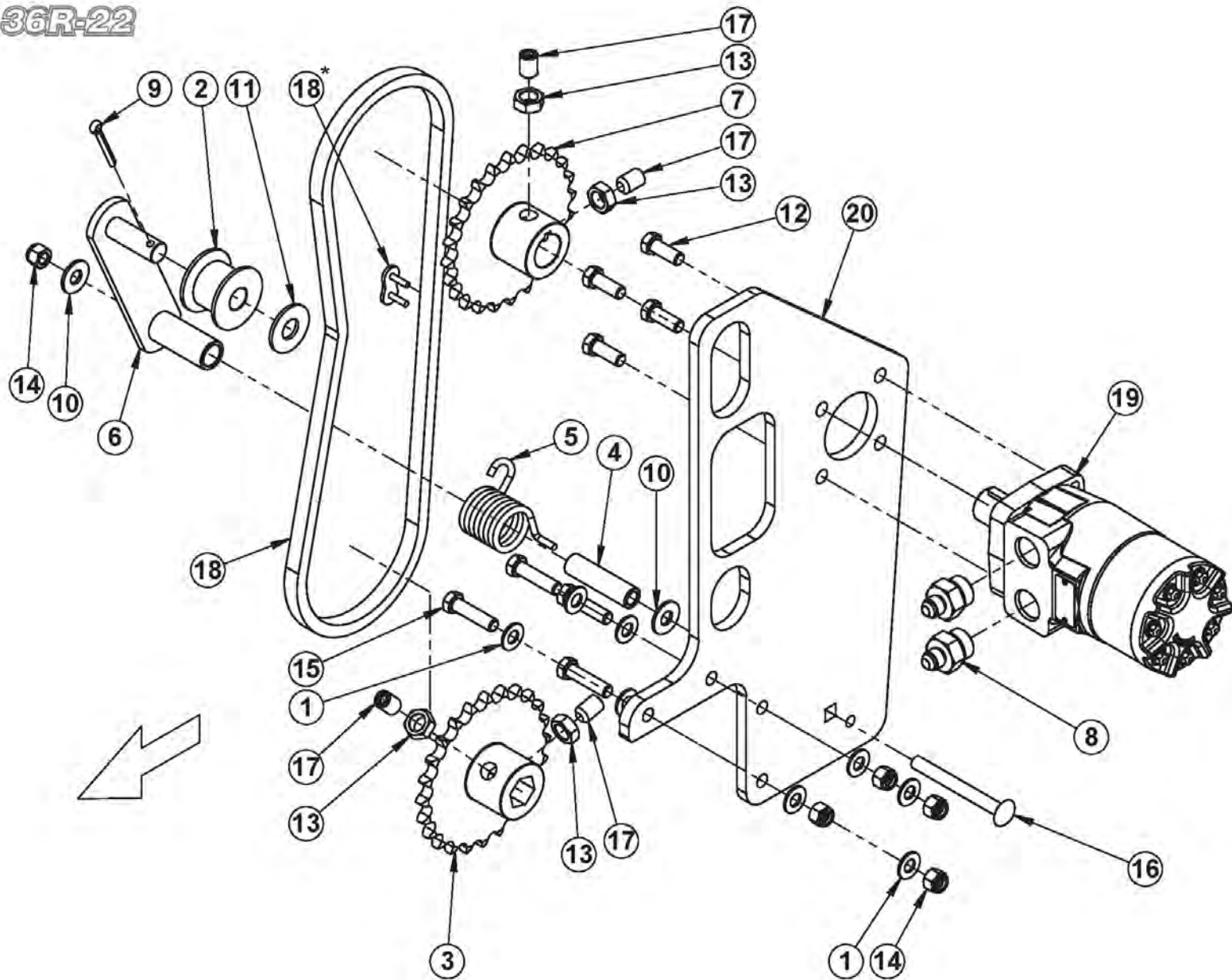


TA01343 36R22 Center Hyd Seed Drive

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA01338	Assy, Hyd Seed Drive Motor	2	
2	T0051109	Hex Shaft, 81" Long	2	
3	T0052345	Bearing, 7/8" Hex Hanger	8	
4	TA00688	Assy, Hex Lock Collar w Bolt	4	
5	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	8	
6	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	8	
7	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	8	
8	TA01253	Hose Kit, TM36R22 Hyd Drive	1	
9	T0053186	Harness, 36R22 Center	1	
10	T0051994	Hose, 0.25" Air Line (per ft)	200	
11	T0051525	Air Fitting - Tee 1/4" Tube	35	

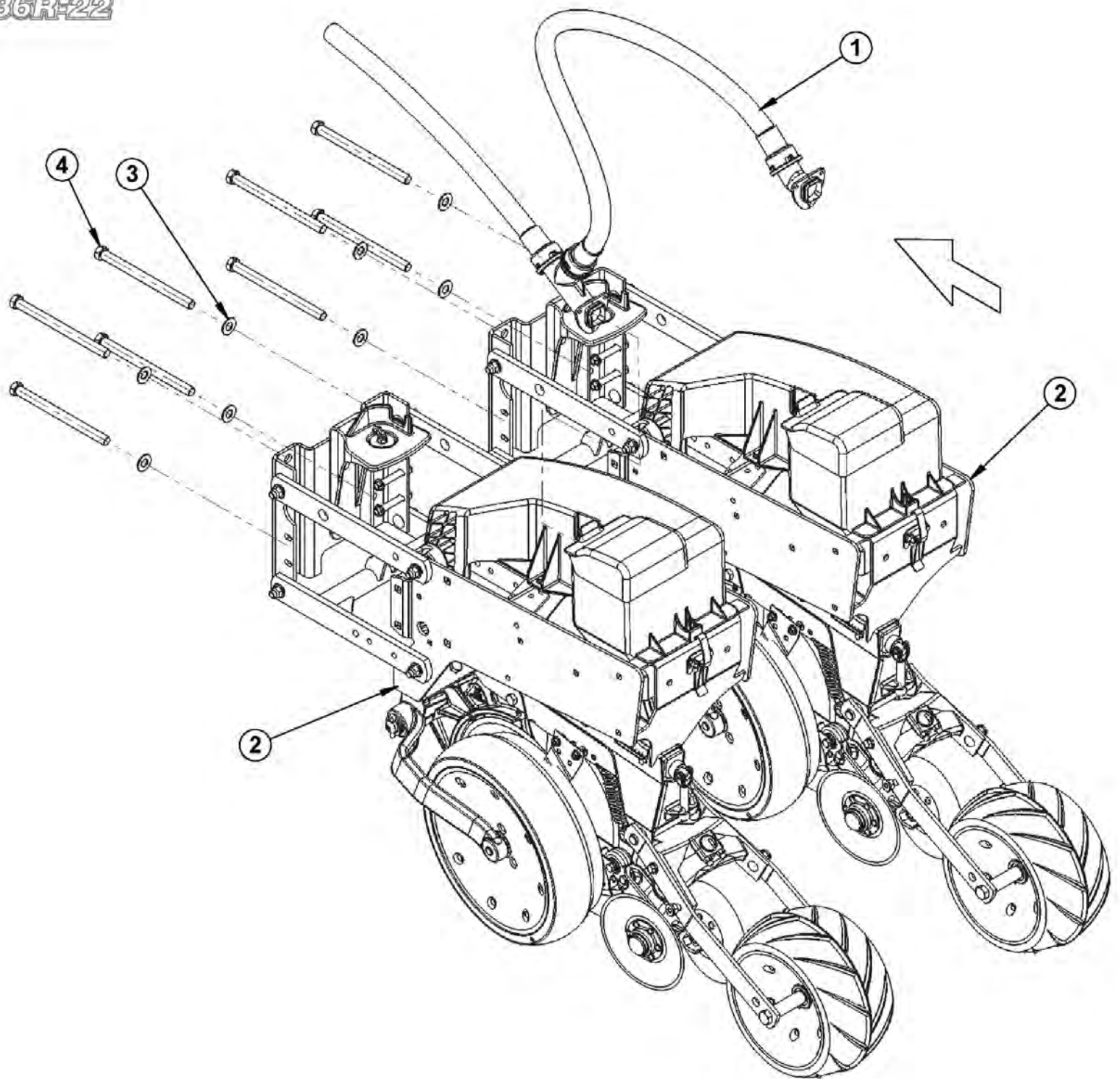
Note:

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.



TA01338 Assy, Hyd Seed Drive Motor

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	8	
2	1277726C1	Tensioner Roller	1	
3	87503169	24 Tooth .875 Hex Bore Sprkt	1	
4	87505783	Seed Drive Tensioner Bushing	1	
5	87505794	Spring Tensioner Idler LH Wnd	1	
6	87550916	Chain Tension Pivot	1	
7	87694455	24 Tooth 1 Inch Bore Sprocket	1	
8	AD-06MJ-10MB	ADAPTER 06MJ-10MB	2	
9	CTPIN-0.188X1.50	CotterPin-.1875X1.500	1	
10	FW-USS-0.375Y	Washer, Flat USS-3/8"-YZ	2	
11	FW-USS-0.563Y	Washer, Flat USS 9/16"-YZ	1	
12	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	4	
13	JNUT-0.500-13Y8	Nut, Jam 1/2-13-YZ8	4	
14	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	5	
15	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	4	
16	CB-0.375-16X3.50Y5	Bolt, RHSN 3/8-16x3-1/2-YZ5	1	
17	SSCP-0.500-13X0.75B	Screw, Set-1/2-13x3/4-Cup	4	
18	T0051312	#50 Roller Chain	1	
19	T0051314	Motor, Hyd Seed Drive 11.9 CID	1	
20	T0054844	Seed Drive Brkt	1	

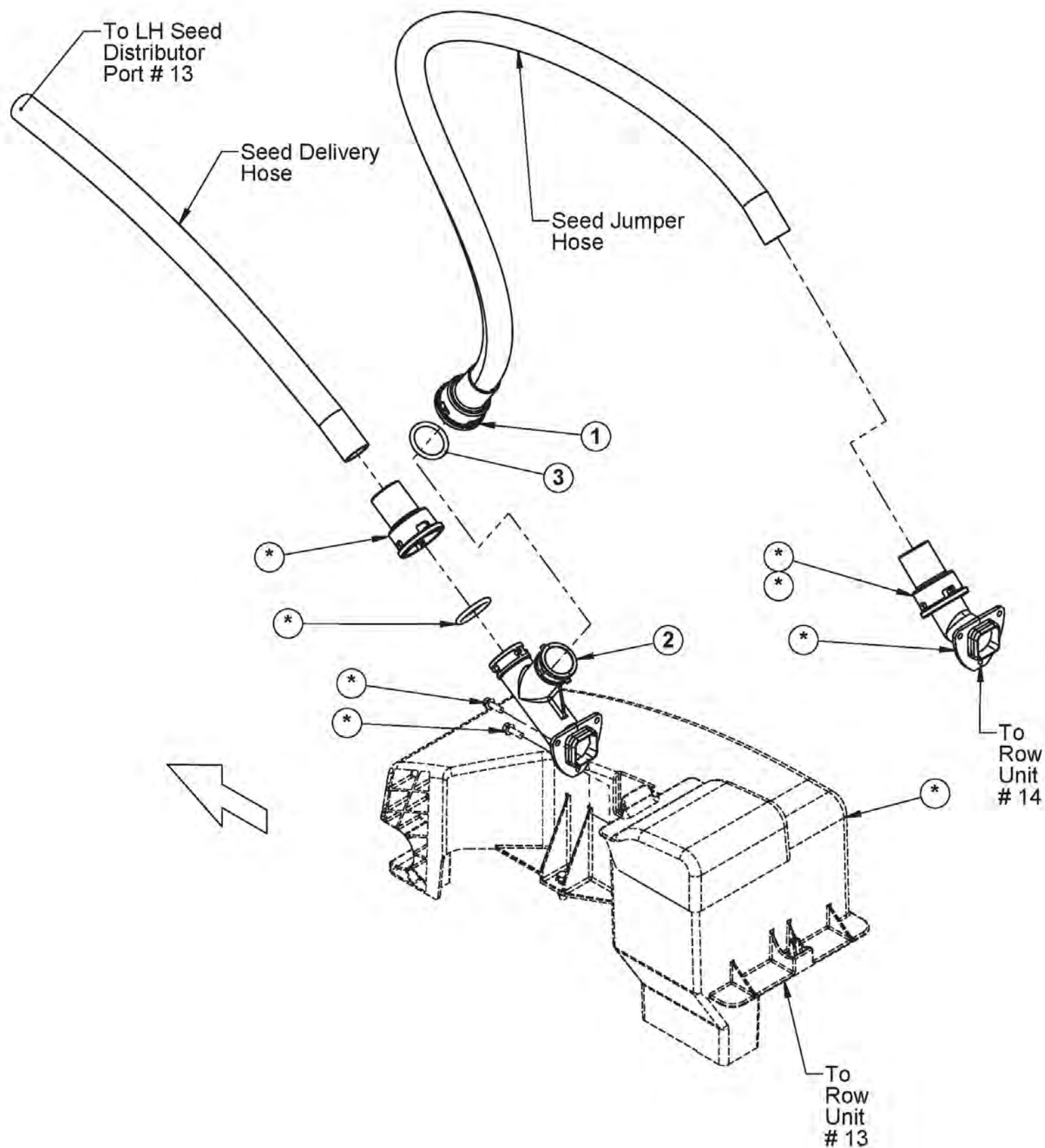


TA01435 Assy, 36R22 LH SA ASM STD GW RUs

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TA01306	Assy, L&RStubArm Seed Del&Jmpr	1	
2	47525132	LH ASM STD GW Row Unit	2	
3	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	8	
4	HB-0.625-11X9.00Y8	Bolt, Hex Head-5/8-11x9.0-YZ8	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.

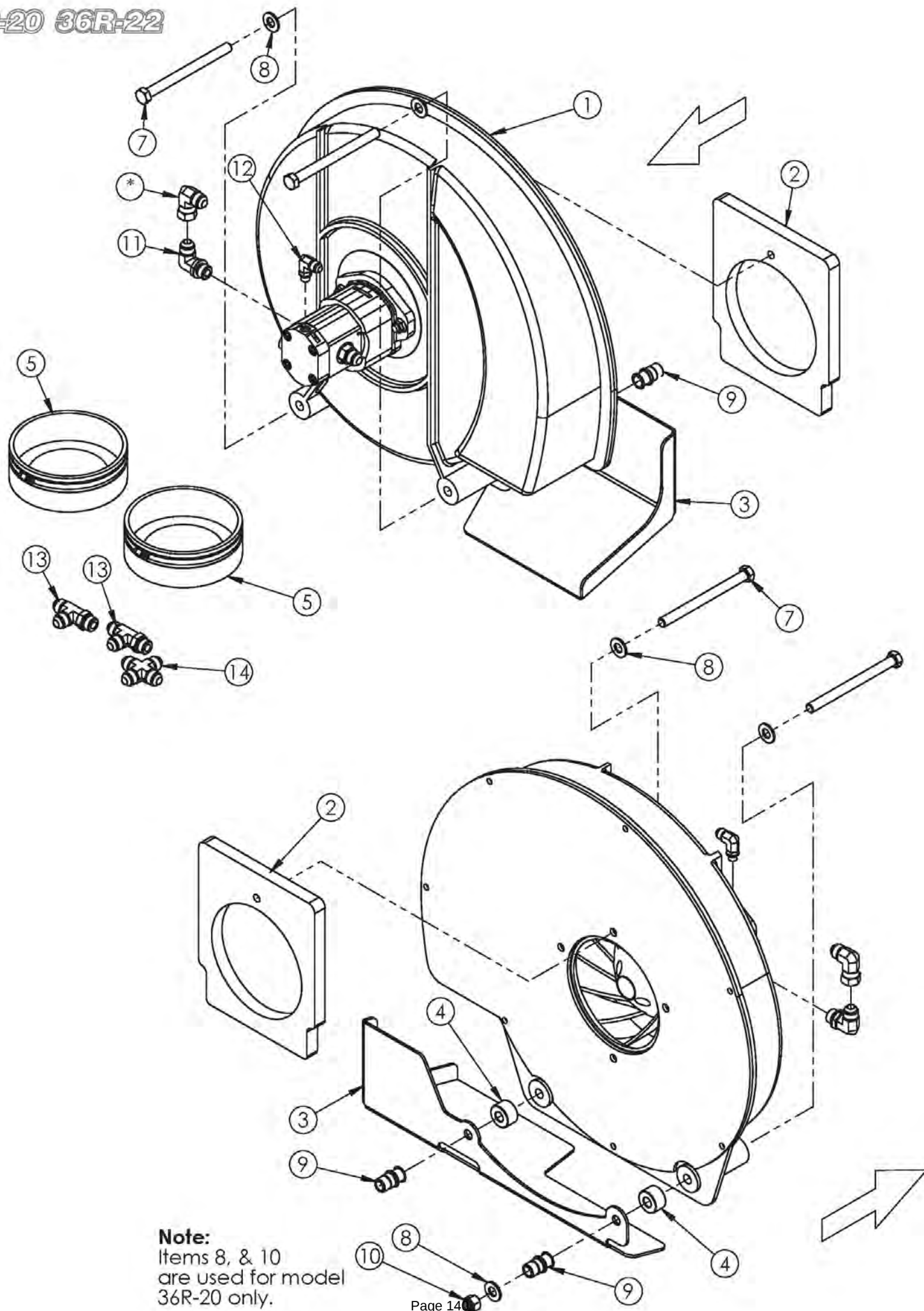


TA01306 Assy, L&RStubArm Seed Del&Jmpr

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	84396735	Coupling, Quick Male Seed	1	
2	84424020	Divider	1	
3	84372879	O-Ring	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:
Items 8, & 10
are used for model
36R-20 only.

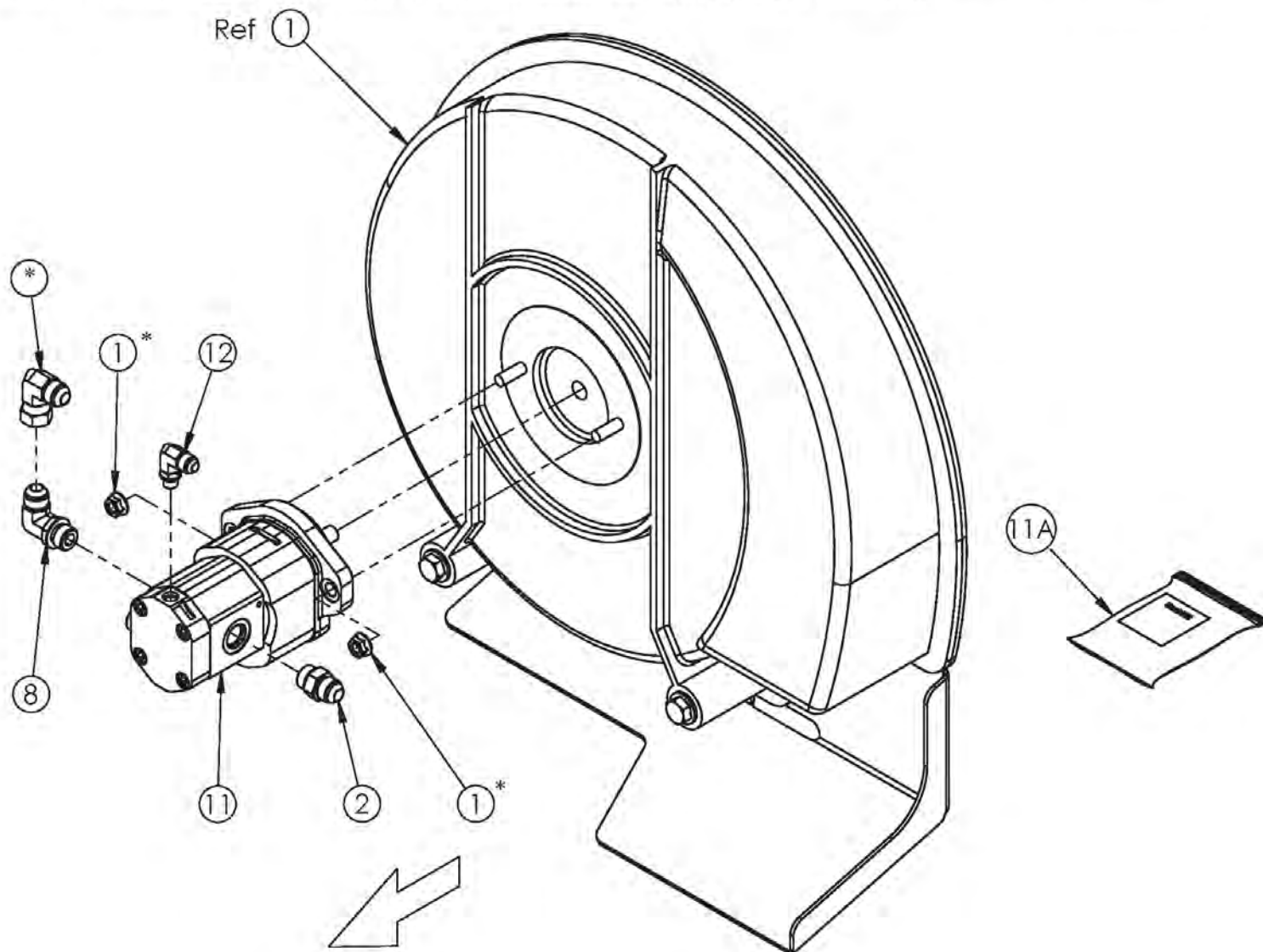
TA01451 Assy, Fan

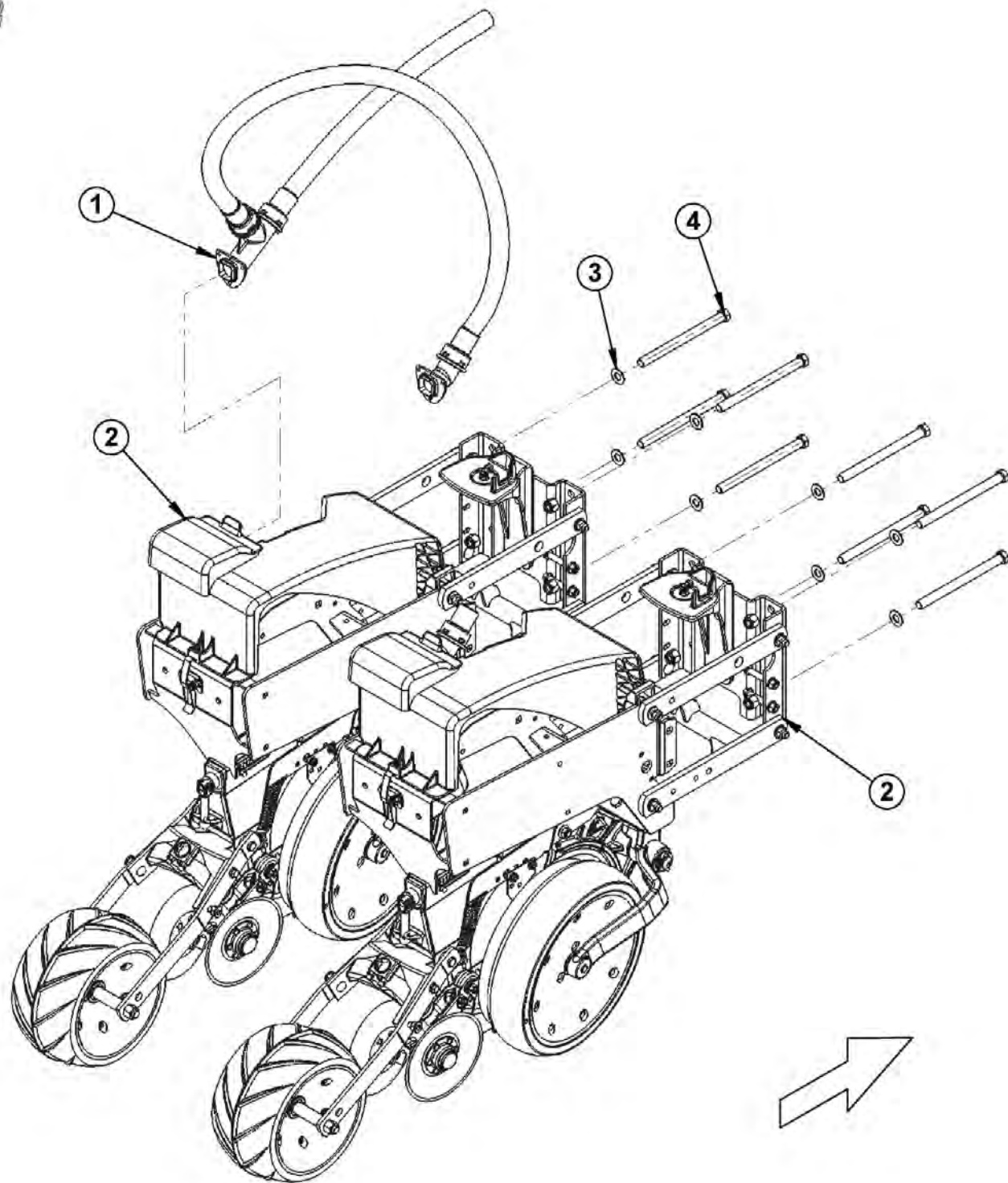
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TA01208	Fan, Vacuum w/Motor 6cc	1	
2	T0054664	Seal, Vac to Plenum	1	
3	TW000801	Wdmt, Fan Deflector	1	
4	T0053165	Spacer	2	
5	T0055031	Rubber Cap, 5.5"	2	
6	T0051505	Harness - Speed Sensor Extension 20'	2	
7	HB-0.500-13X6.00Y8	Bolt, Hex Hd 1/2-13x6 YZ8	2	
8	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	3	
9	RN-0.500-13-.35-.50Y	Rivnut, 1/2-13 .350-.500 GR	2	
10	NLNUT-0.500-13Y8	Nut, Nylock 1/2-13 YZ8	1	
11	AD-08MJ-08MB-90	ADAPTER 08MJ-08MB 90	1	
12	AD-06MJ-04MB-90	ADAPTER 06MJ-04MB 90	1	
13	AD-08MJ-08MB-08MJ	ADAPTER 08MJ-08MB-08MJ TEE	2	
14	AD-08MJ-CROSS	ADAPTER 08MJ CROSS	1	
15	T0054396	Motor, Fan Drive 6cc	1	
11A	T0054656	Seal Kit, Fan Motor	1	

Note:

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

** Item 11 is included with Item 1, can be ordered separately if needed



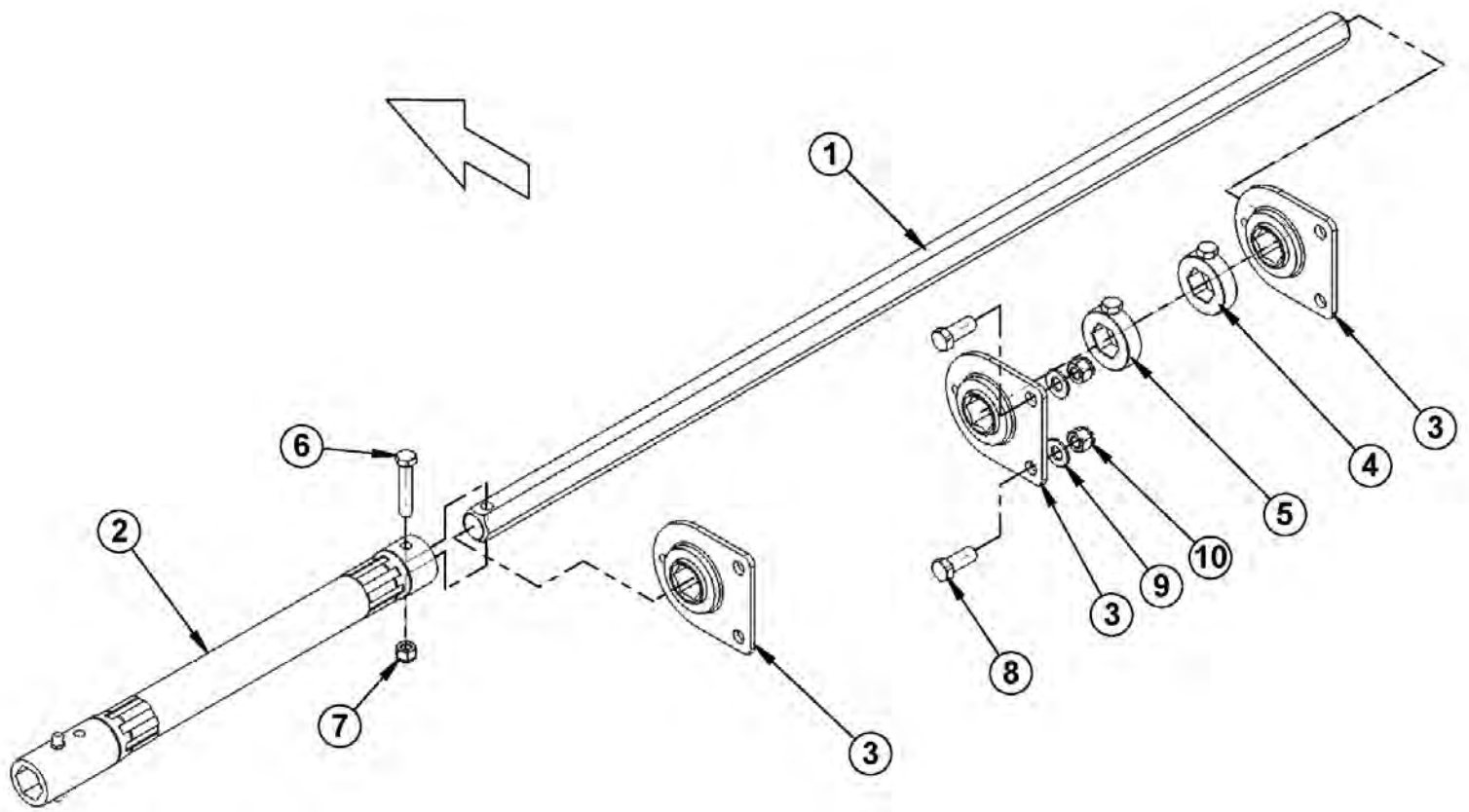


TA01436 Assy, 36R22 RH SA ASM STD GW RUs

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TA01306	Assy, L&RStubArm Seed Del&Jmpr	1	
2	47525133	RH Row Unit	2	
3	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	8	
4	HB-0.625-11X9.00Y8	Bolt, Hex Head-5/8-11x9.0-YZ8	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.



TA01460 Assy, 36R22 RH SA Hyd. Seed Drive

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0053097	Hex Shaft, Stub Arm	1	
2	T0053297	Driveshaft, Flexible	1	
3	T0052345	Bearing, 7/8" Hex Hanger	3	
4	TA00688	Assy, Hex Lock Collar w Bolt	1	
5	TA00688	Assy, Hex Lock Collar w Bolt	1	
6	HB-0.313-18X1.75Y8	Bolt, Hex Hd 5/16-18x1-3/4 YZ8	1	
7	NLNUT-0.313-18Y8	Nut, Nylock 5/16"-18-YZ8	1	
8	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	2	
9	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	2	
10	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.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.

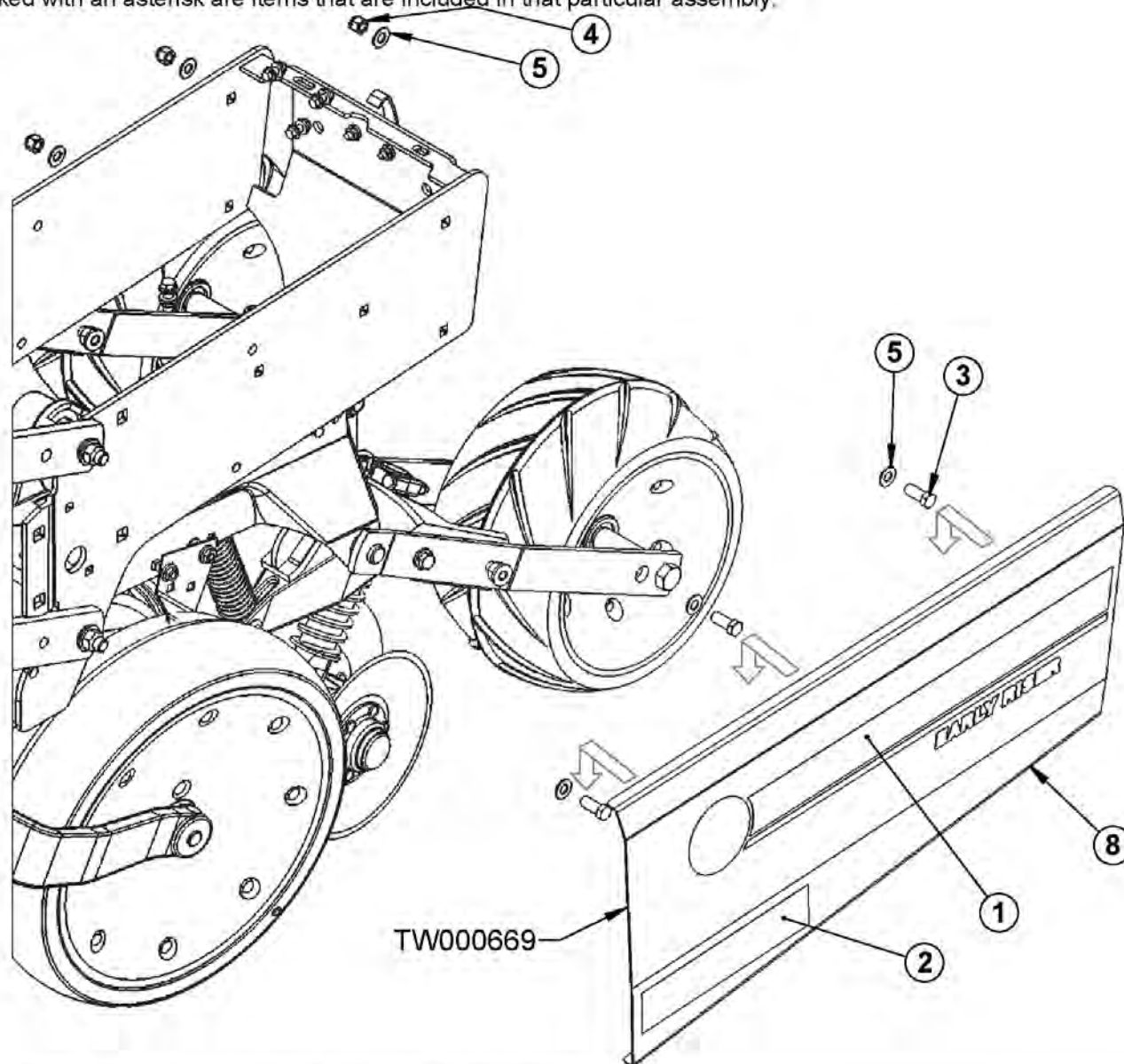
TA01433 Assy, 36R22 LH Wing ASM STD GW RUs

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TA00669	Assy, Row Unit End Plate-LH	1	
2	T0051288	Tap Bar	1	
3	HB-0.625-11X8.00Y8	Bolt, Hex Hd-5/8-11x8-YZ8	2	
4	TA01300	Assy, LH Wing Seed Delv & Jump	1	
5	47525132	LH Row Unit	12	

Note:

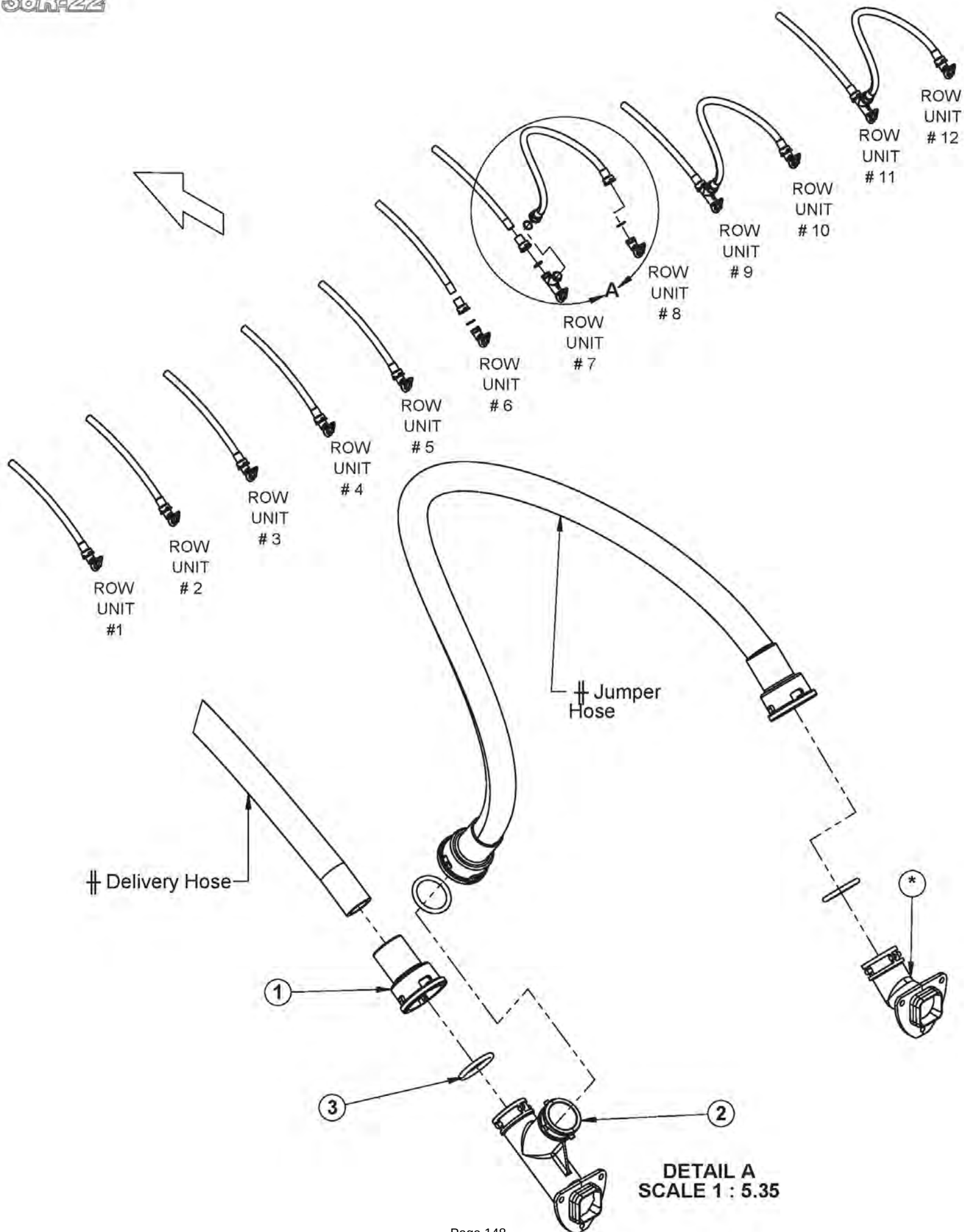
1. [T=XXX] = Torque, and is expressed in ft-lbs.

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



TA01433 Assy, 36R22 LH Wing ASM STD GW RUs

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0051489	Decal, Early Riser Planter-LH	1	
2	T0051729	Decal, Reflector, Yellow-2x9	1	
3	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	3	
4	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	3	
5	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	6	
8	TW000669	Wldmt, End Shield Row Unit-LH	1	

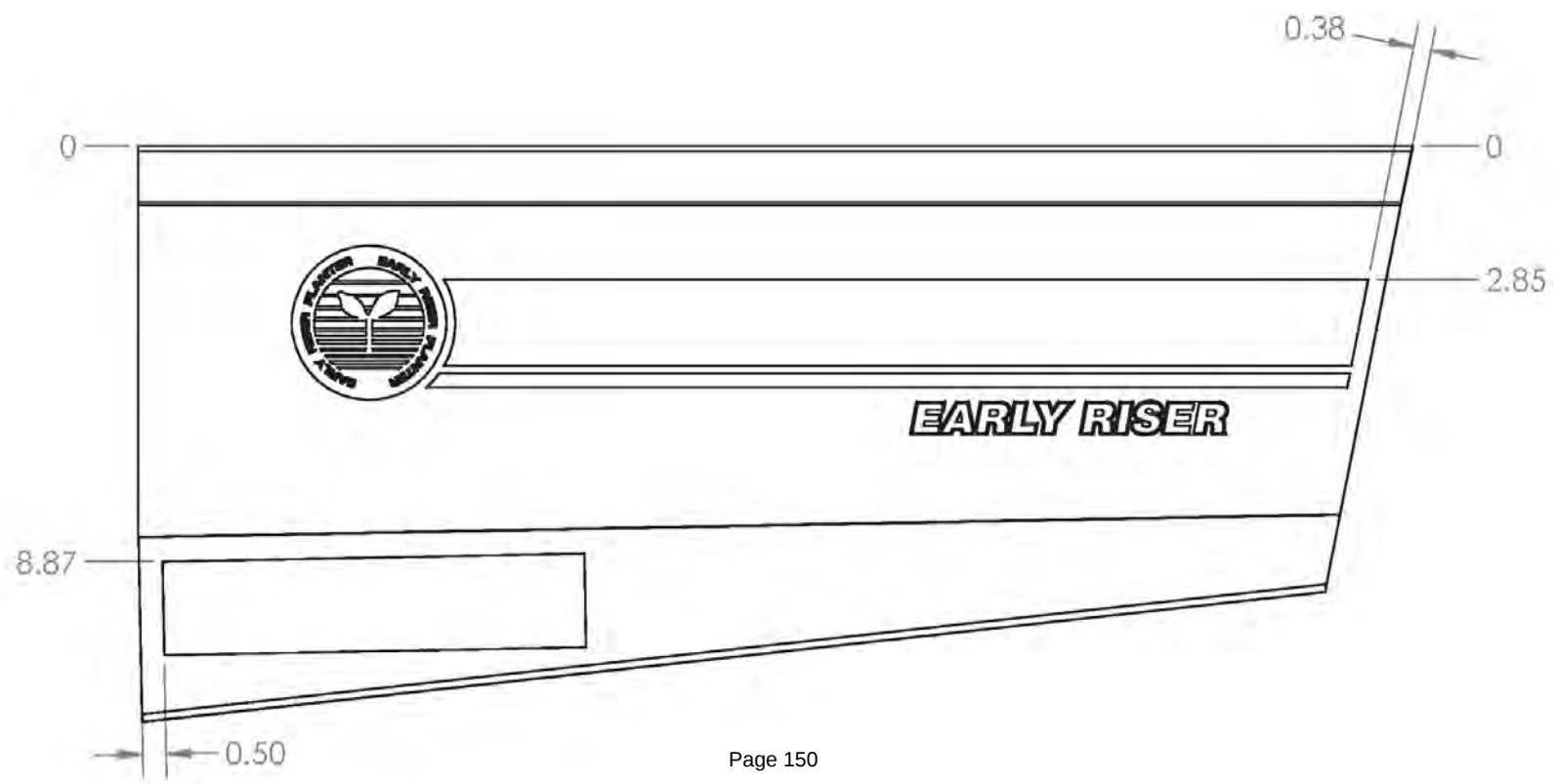
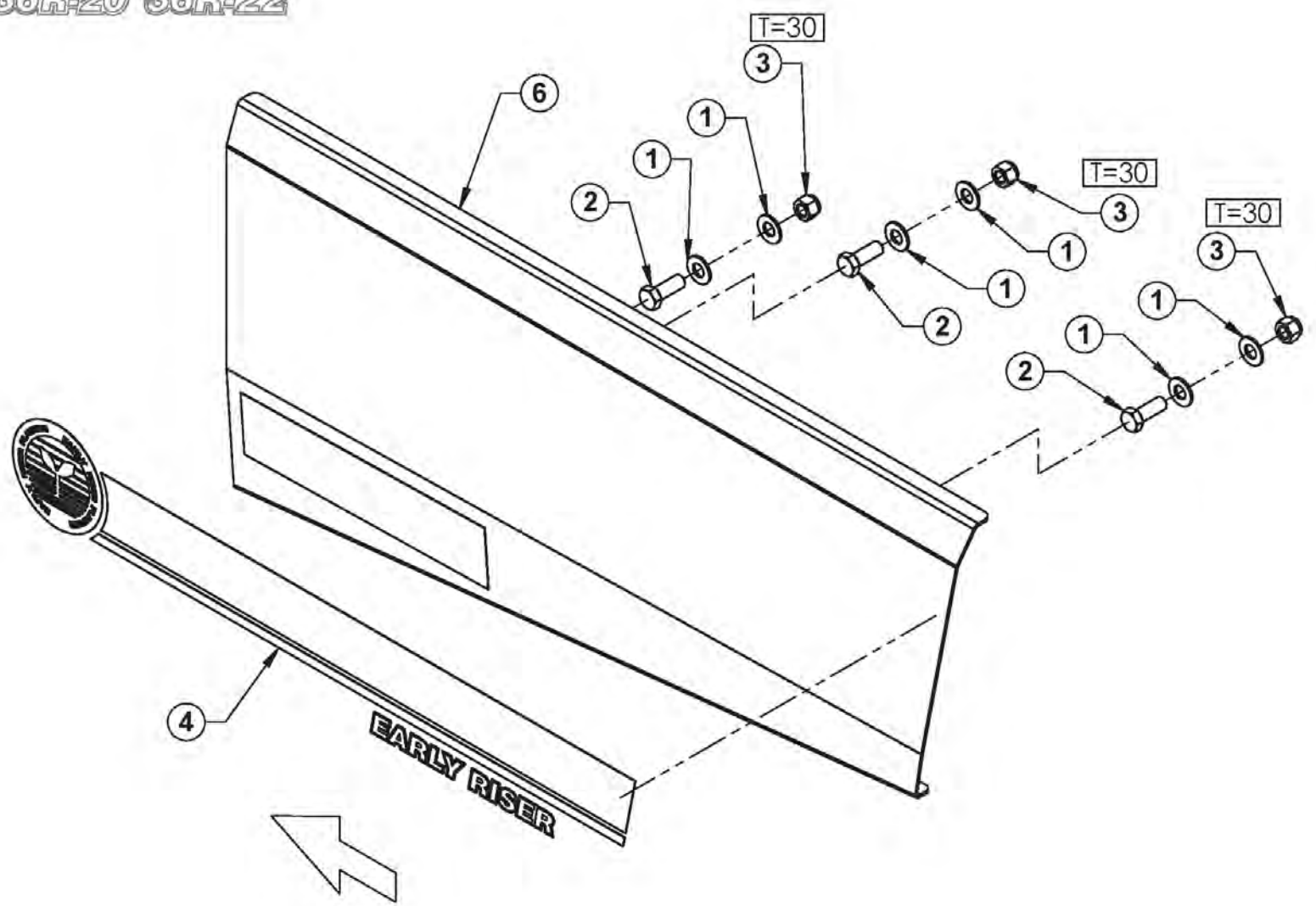


TA01300 Assy, LH Wing Seed Delv & Jumpr

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	84396735	Coupling, Quick Male Seed	3	
2	84424020	Divider	3	
3	84372879	O-Ring	3	

Note:

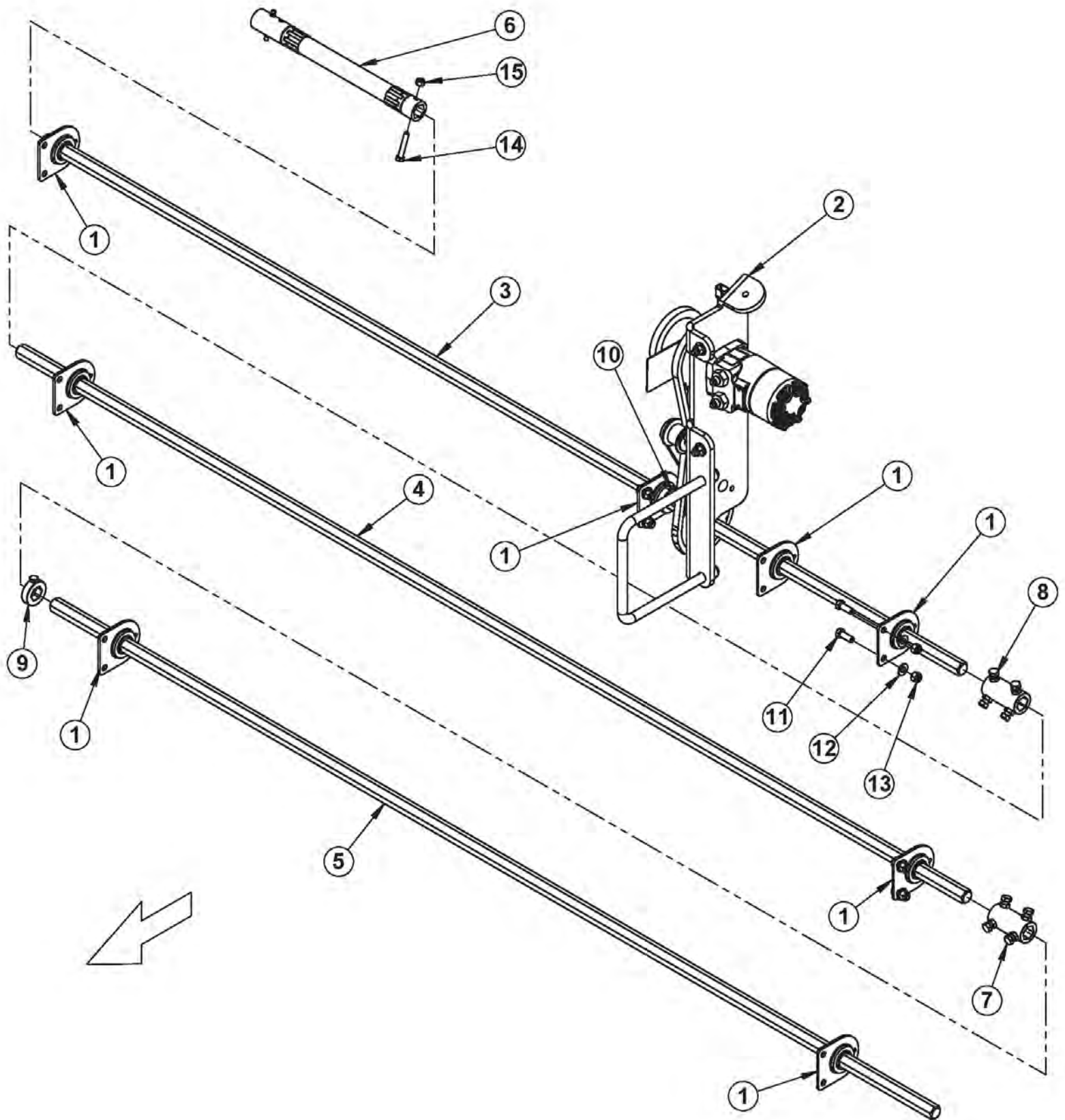
1. ‡ Use bulk part number T0051672 Hose-1.00" PVC (100' Roll) or CNH P/N 87483976.



TA00669 Assy, Row Unit End Plate-LH

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	6	
2	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	3	
3	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	3	30
4	T0051489	Decal, Early Riser Planter-LH	1	
5	T0051729	Decal, Reflector, Yellow-2x9	1	
6	TW000669	Wdmt, End Shield Row Unit-LH	1	

Note:**T** = Torque Expressed in ft-lbs

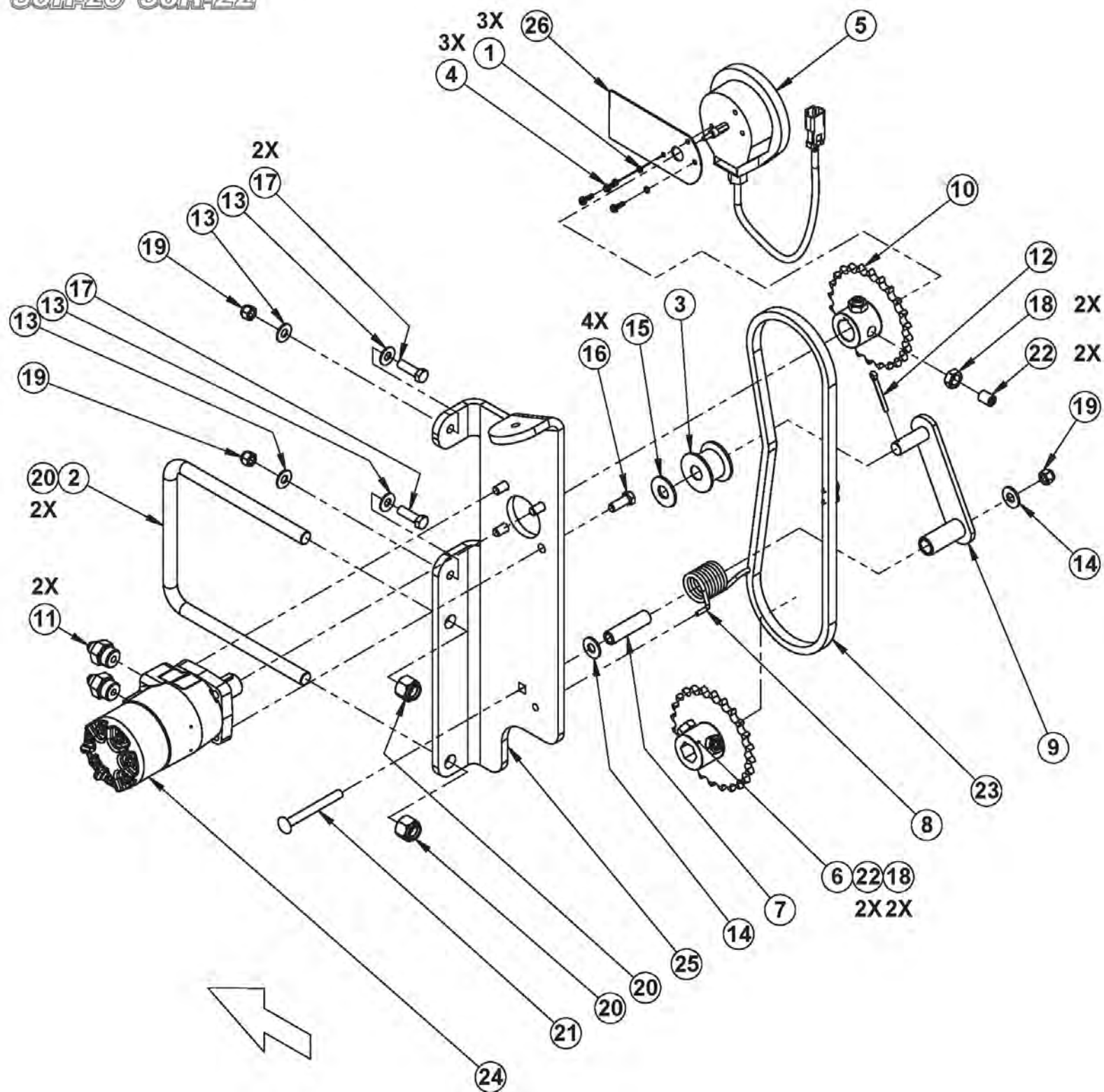


TA01279 36R22 LH Wing Hyd Seed Drive

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0052345	Bearing, 7/8" Hex Hanger	8	
2	TA01016	Seed Drive Assy - Wing	1	
3	T0053465	Hex Shaft, 84.25" Long	1	
4	T0052330	Hex Shaft, 87" Long	1	
5	T0051109	Hex Shaft, 81" Long	1	
6	T0053297	Driveshaft, Flexible	1	
7	TA00654	Assy, Coupler	1	
8	TA00654	Assy, Coupler	1	
9	TA00688	Assy, Hex Lock Collar w Bolt	1	
10	TA00688	Assy, Hex Lock Collar w Bolt	1	
11	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	6	
12	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	6	
13	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	6	
14	HB-0.313-18X1.75Y8	Bolt, Hex Hd 5/16-18x1-3/4 YZ8	1	
15	NLNUT-0.313-18Y8	Nut, Nylock 5/16"-18-YZ8	1	
16	T0053187	Harness, 36R22 Wing	1	

Note:

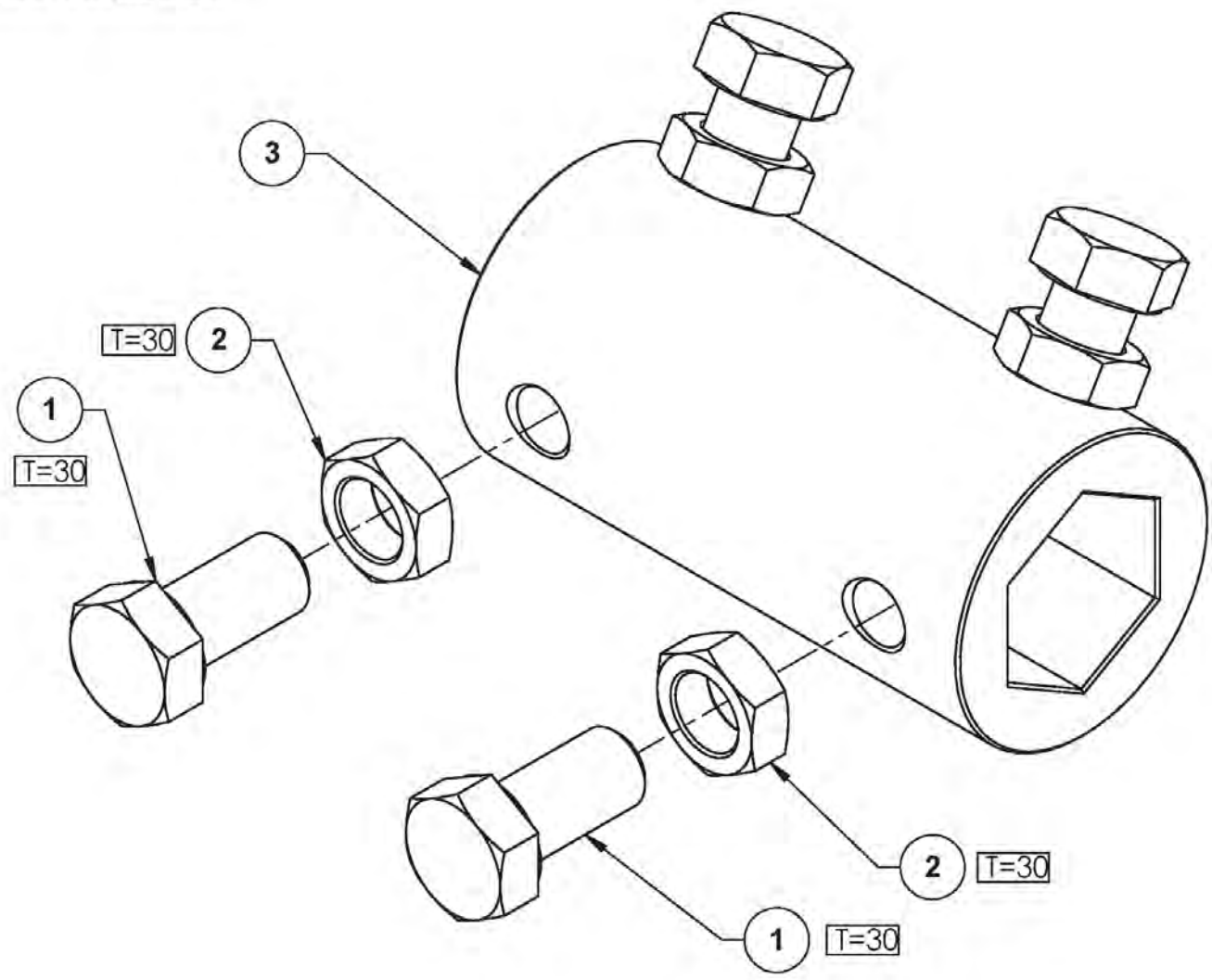
1. T=XXX = Torque Expressed in ft-lbs (Use standard torque values from drawing T00000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



TA01016 Seed Drive Assy - Wing

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	492-11008	Lock Washer, #8	3	
2	1250813C1	U Bolt	1	
3	1277726C1	Tensioner Roller	1	
4	86632692	Screw, Self Tap CPHD, #8x1/2"	3	
5	87495545	Sensor, Seed Drive Speed	1	
6	87503169	24 Tooth .875 Hex Bore Sprkt	1	
7	87505783	Seed Drive Tensioner Bushing	1	
8	87505794	Spring Tensioner Idler LH Wnd	1	
9	87550916	Chain Tension Pivot	1	
10	87694455	24 Tooth 1 Inch Bore Sprocket	1	
11	AD-06MJ-10MB	ADAPTER 06MJ-10MB	2	
12	CTPIN-0.188X1.50	CotterPin-.1875X1.500	1	
13	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	4	
14	FW-USS-0.375Y	Washer, Flat USS-3/8"-YZ	2	
15	FW-USS-0.563Y	Washer, Flat USS 9/16"-YZ	1	
16	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	4	
17	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	2	
18	JNUT-0.500-13Y8	Nut, Jam 1/2-13-YZ8	4	
19	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	3	
20	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	2	
21	CB-0.375-16X3.50Y5	Bolt, RHSN 3/8-16x3-1/2-YZ5	1	
22	SSCP-0.500-13X0.75B	Screw, Set-1/2-13x3/4-Cup	4	
23	T0051312	#50 Roller Chain	1	
24	T0051314	Motor, Hyd Seed Drive 11.9 CID	1	
25	T0051480	Seed Drive Brkt	1	
26	T0051656	Brkt, Seed Drive Anti Rotate	1	

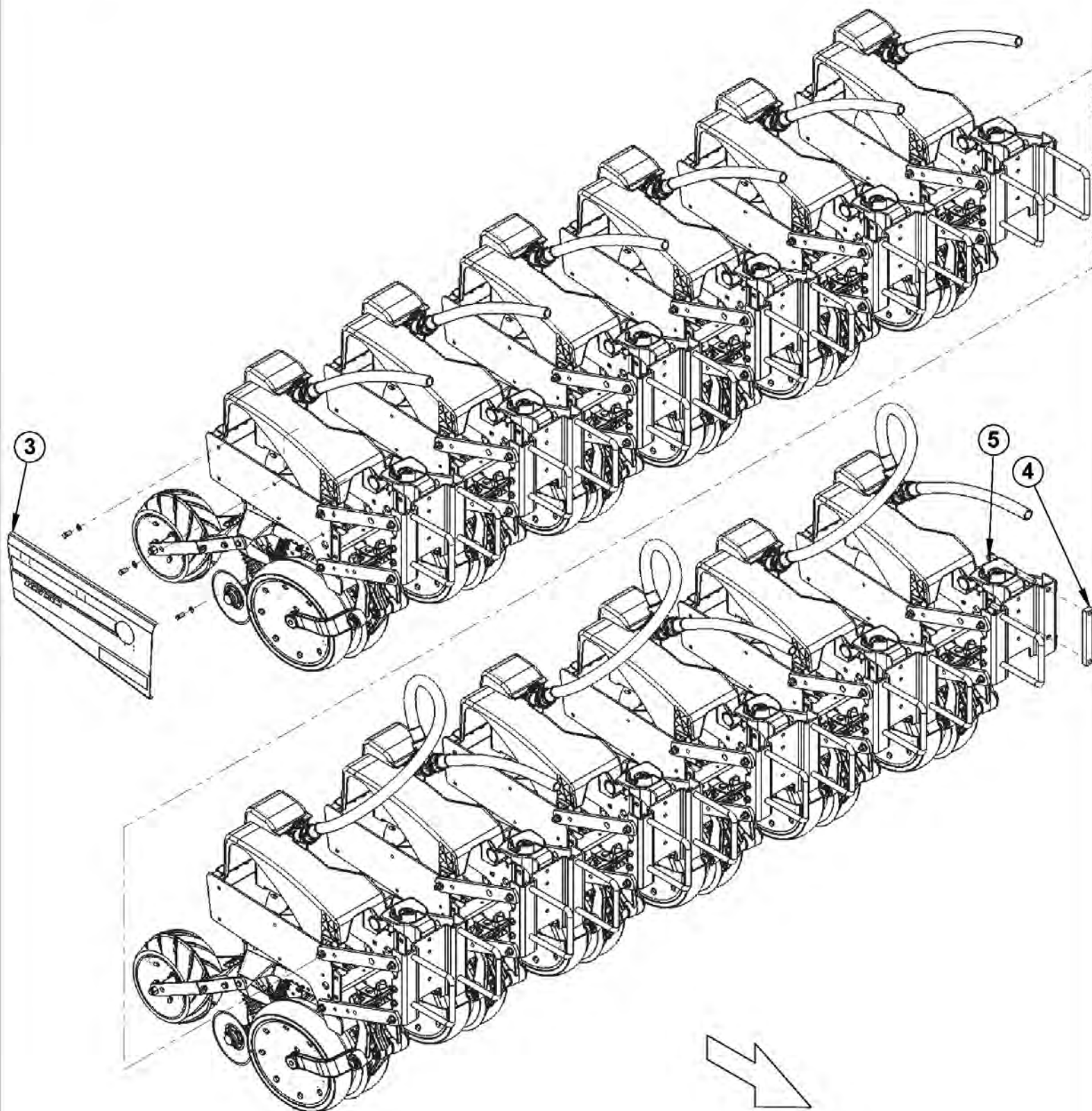
Note:
P/N T0051656 replaces the original Case IH bracket, remove hardware that secures the original bracket from P/N 87495545 and replace with P/N T0051656.



TA00654 Assy, Coupler

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HB-0.375-16X0.75Y8	HBolt-0.3750-16x0.750-YZ8	4	30
2	JNUT-0.375-16Y8	Nut, Jam-3/8"-16-YZ8	4	30
3	T0051365	Coupler, Hex Shaft 7/8"	1	N/A

Note:**T** = Torque Expressed in ft-lbs

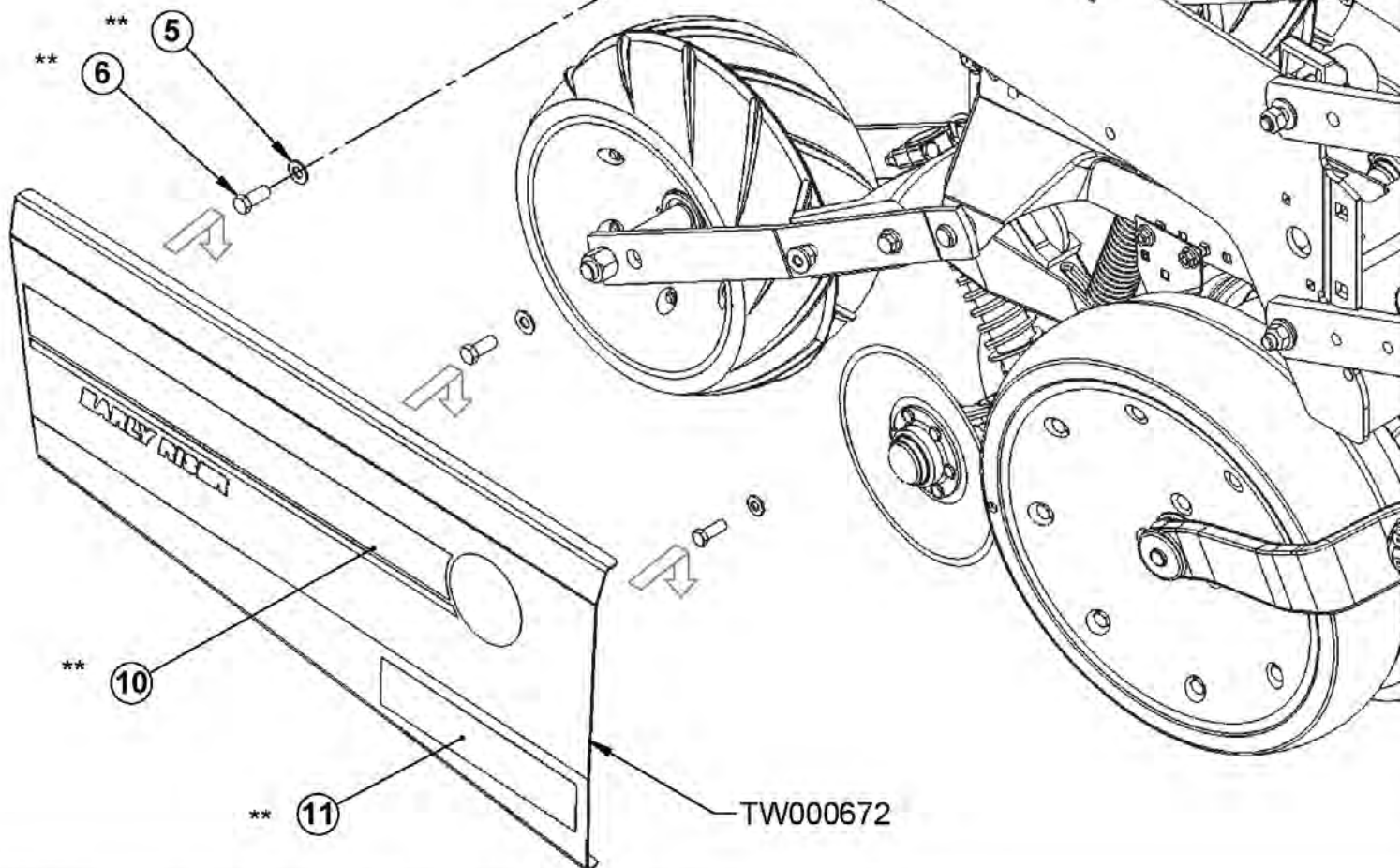
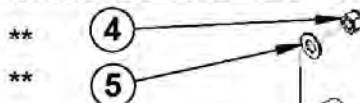


TA01434 Assy, 36R22 RH Wing ASM STD GW RUs

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TA01304	Assy,RH Wing Seed Delv & Jumpr 36R-22	1	
2	47525132	LH Row Unit	12	
3	TA00676	Assy, Row Unit End Plate-RH	1	
4	T0051288	Tap Bar	1	
5	HB-0.625-11X8.00Y8	Bolt, Hex Hd-5/8-11x8-YZ8	2	

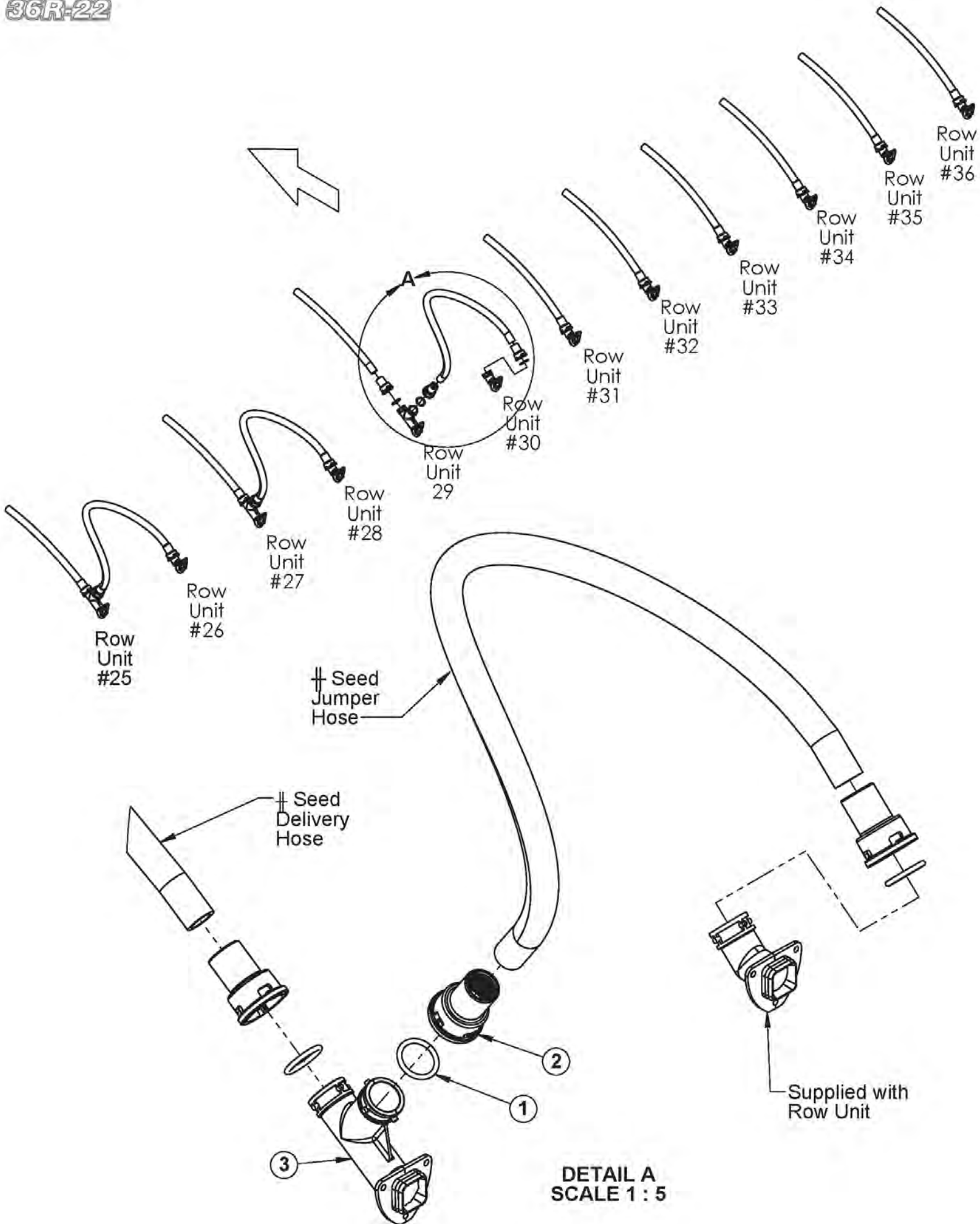
Note:

1. **T=XXX** = Torque, and is expressed in ft-lbs.
2. * Items marked with an asterisk are items that are included in that particular assembly.
3. Items with ** use the BOM table below.



TA01434 Assy, 36R22 RH Wing ASM STD GW RUs

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
4	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	2	
5	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	4	
6	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	2	
10	T0051542	Decal, Early Riser Planter-RH	1	
11	T0051729	Decal, Reflector, Yellow-2x9	1	
11	TW000672	Wldmt, End Shield Row Unit-RH	1	

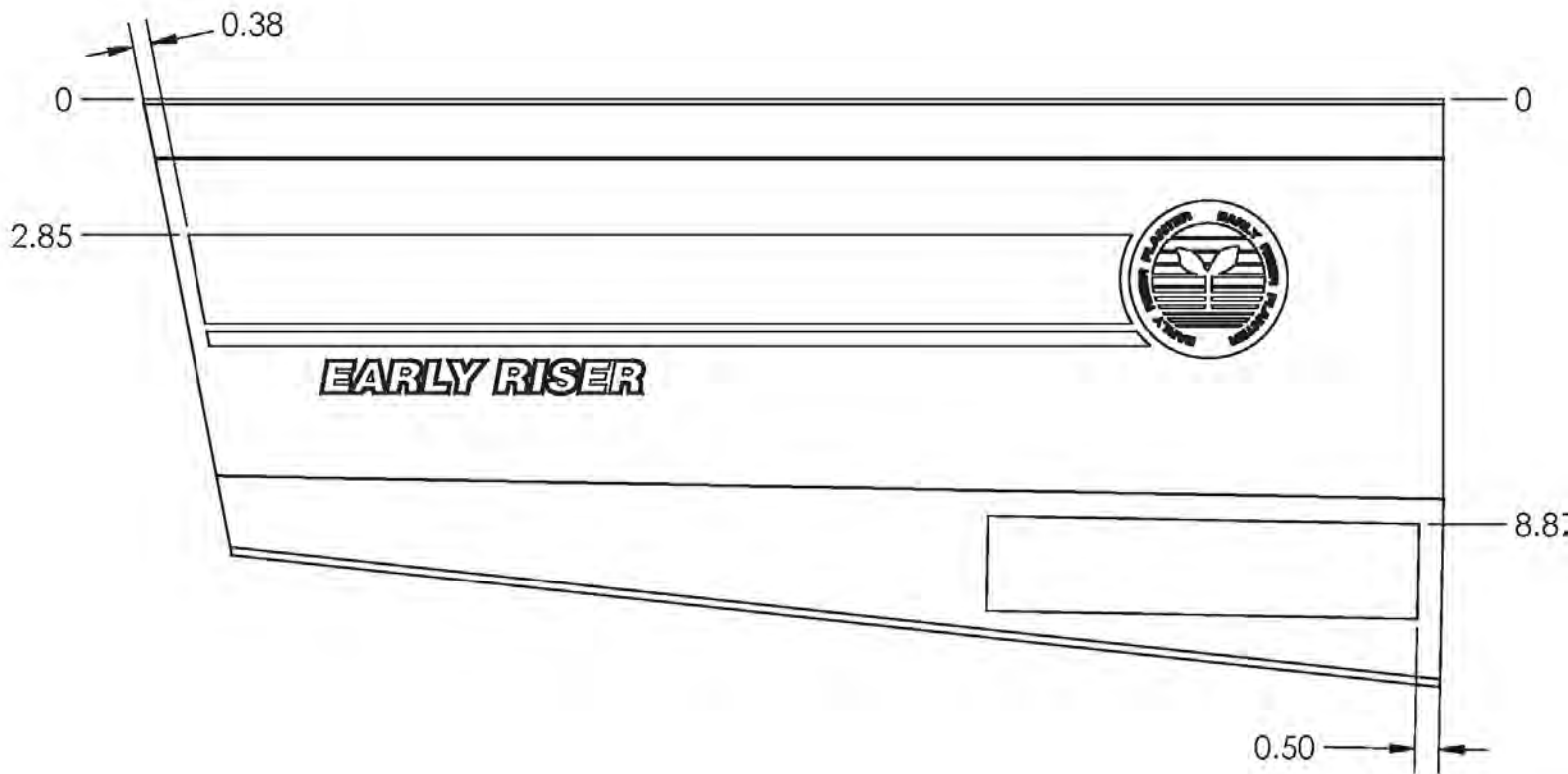
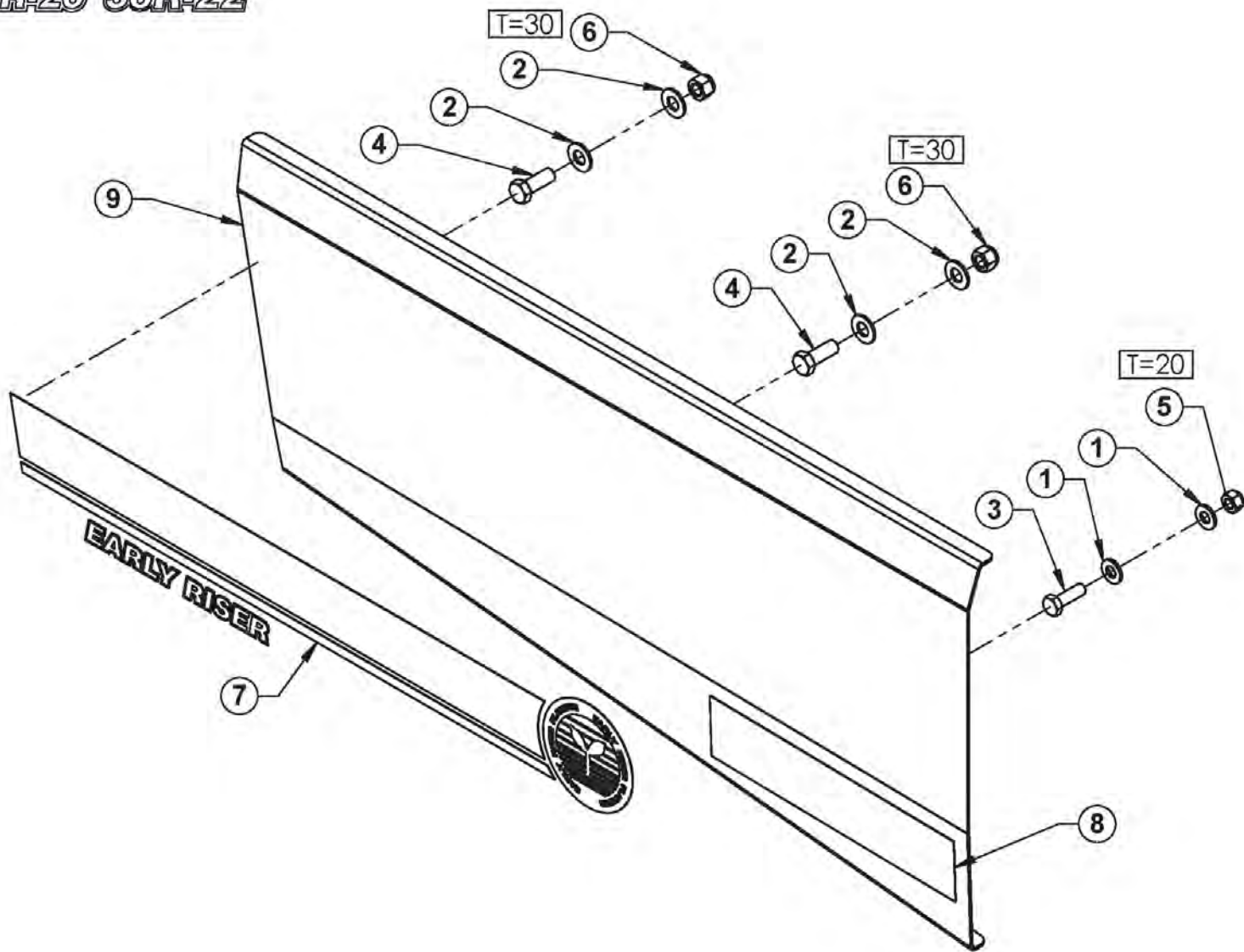


TA01304 Assy,RH Wing Seed Delv & Jumpr 36R-22

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	84372879	O-Ring	3	
2	84396735	Coupling, Quick Male Seed	3	
3	84424020	Divider	3	

Note:

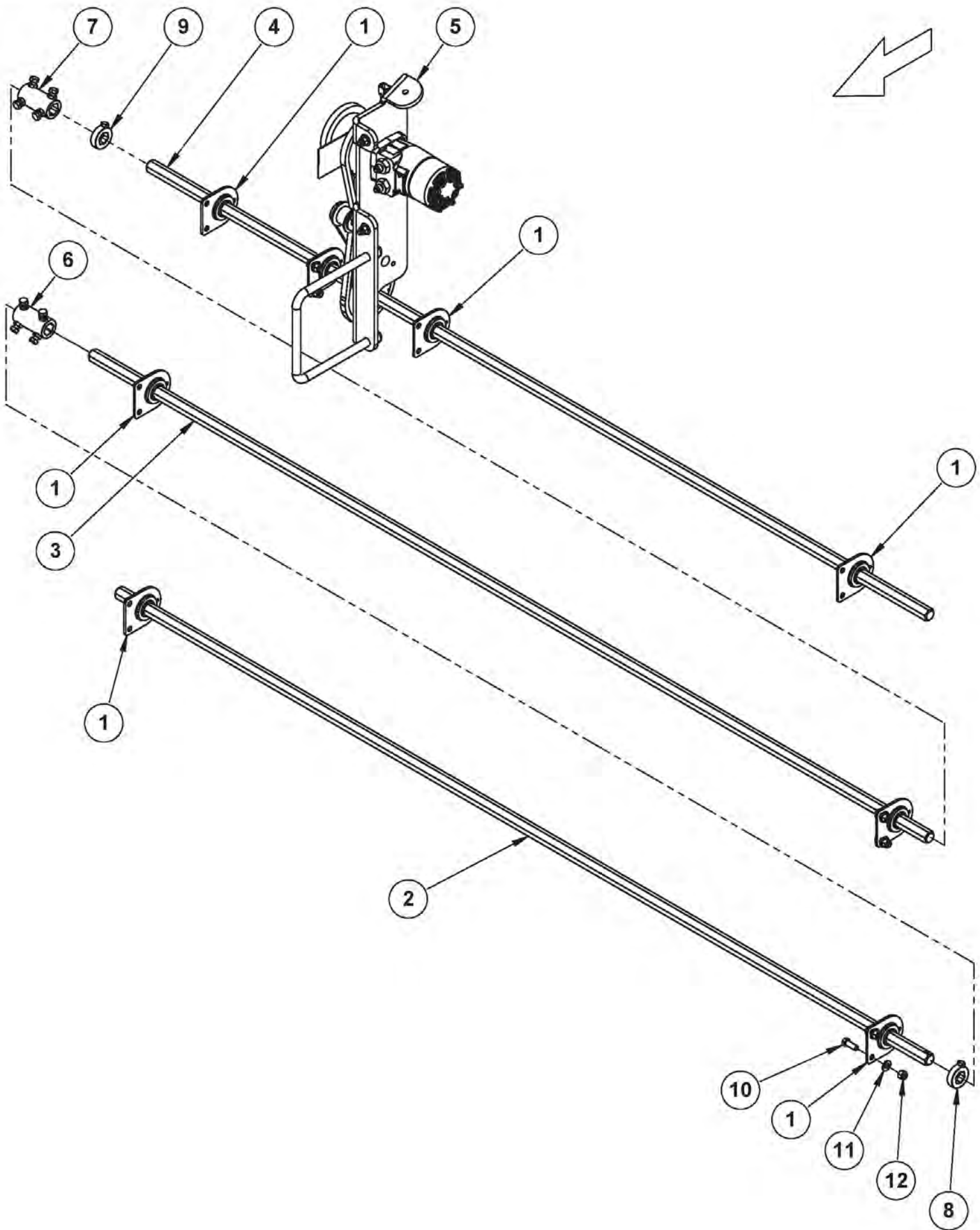
1. ‡ Use bulk part number T0051672 Hose-1.00" PVC (100' Roll) or CNH P/N 87483976.



TA00676 Assy, Row Unit End Plate-RH

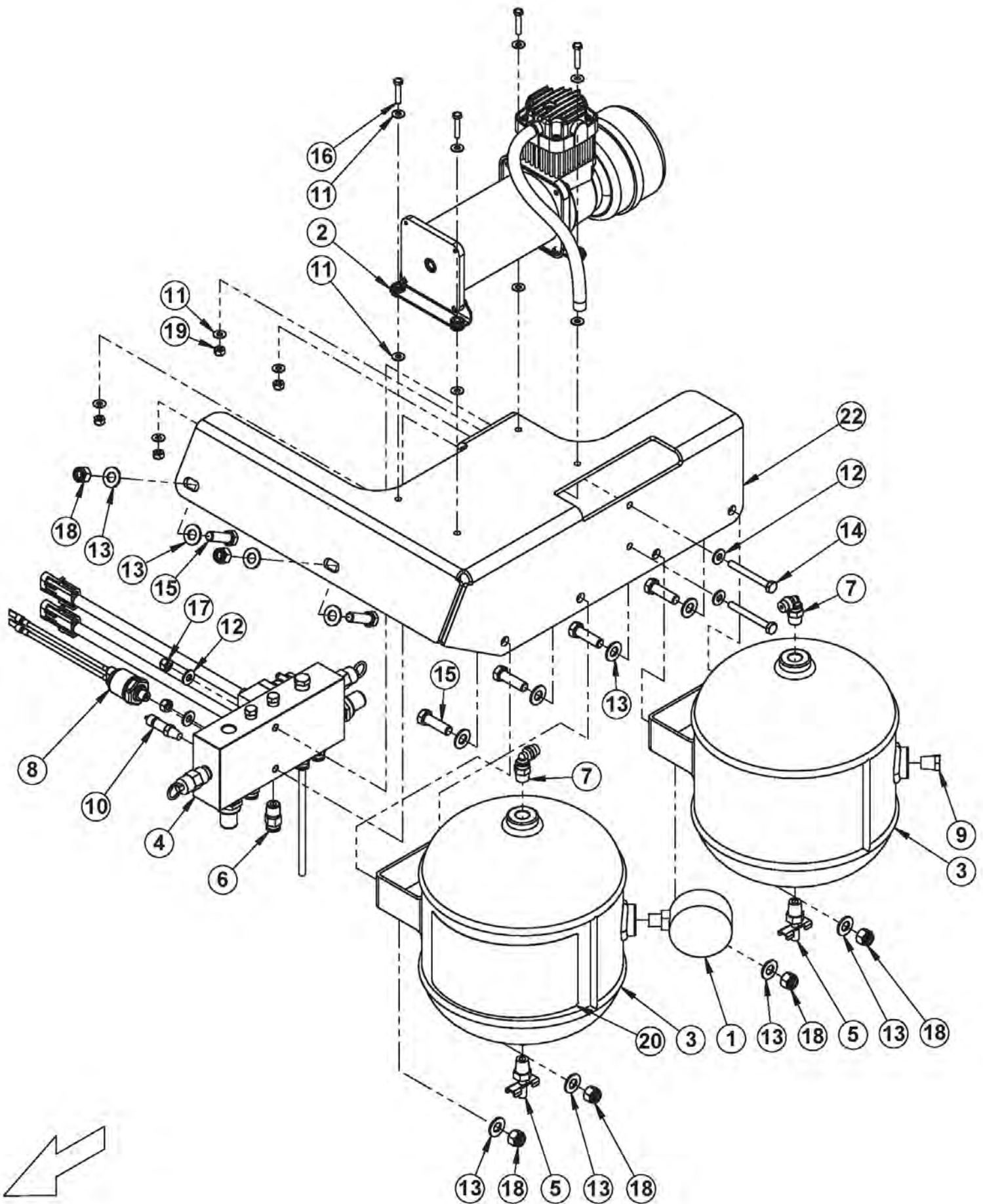
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.313Y	Washer, SAE Flat 5/16" YZ	2	
2	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	4	
3	HB-0.313-18X1.00Y8	Bolt, Hex Hd 5/16-18x1-YZ8	1	
4	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	2	
5	NLNUT-0.313-18Y8	Nut, Nylock 5/16"-18-YZ8	1	20
6	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	3	30
7	T0051542	Decal, Early Riser Planter-RH	1	
8	T0051729	Decal, Reflector, Yellow-2x9	1	
9	TW000672	Wdmt, End Shield Row Unit-RH	1	

Note:**T** = Torque Expressed in ft-lbs



TA01281 36R22 RH Wing Hyd. Seed Drive

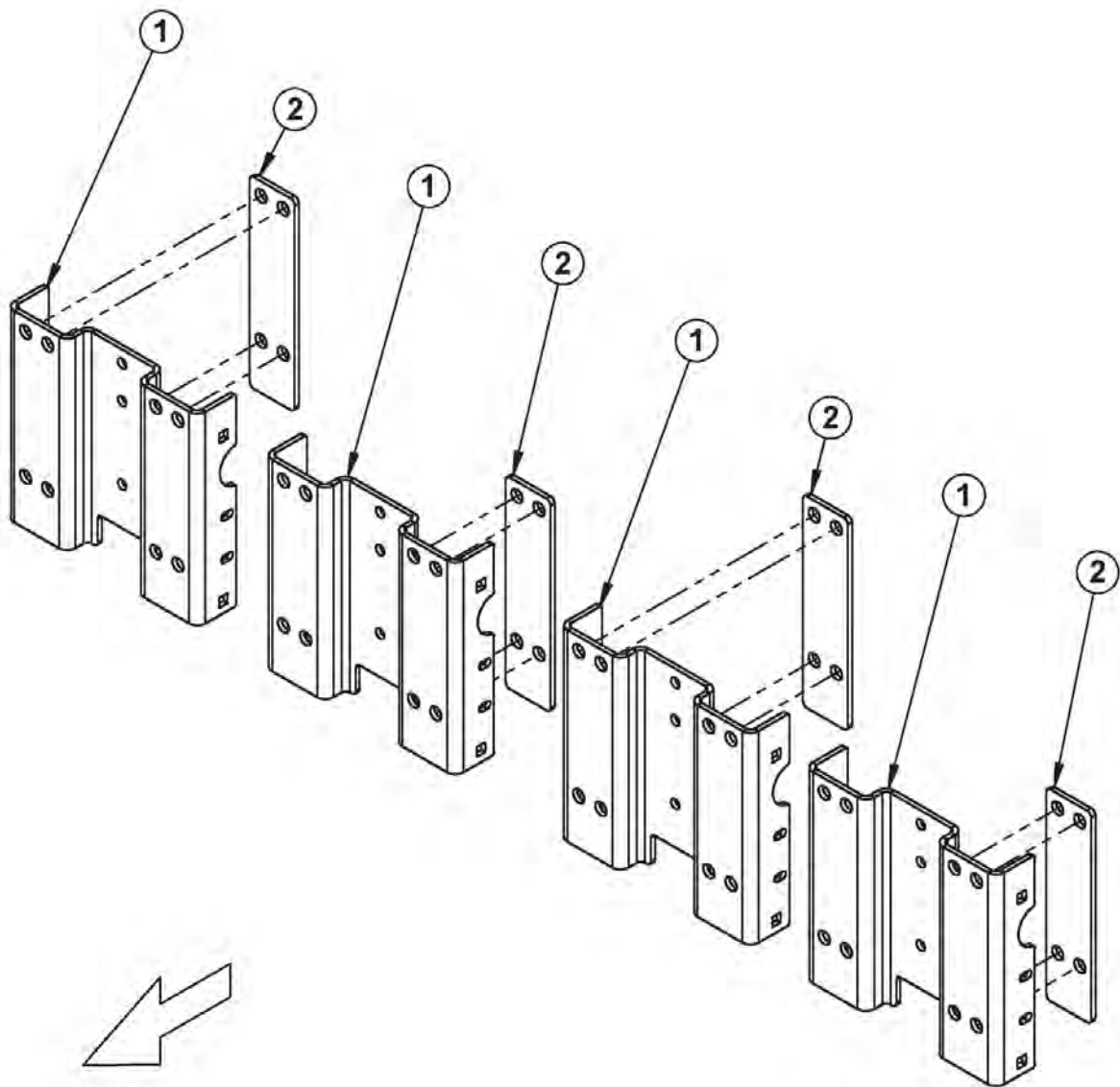
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0052345	Bearing, 7/8" Hex Hanger	8	
2	T0053465	Hex Shaft, 84.25" Long	1	
3	T0052330	Hex Shaft, 87" Long	1	
4	T0051109	Hex Shaft, 81" Long	1	
5	TA01016	Seed Drive Assy - Wing	1	
6	TA00654	Assy, Coupler	1	
7	TA00654	Assy, Coupler	1	
8	TA00688	Assy, Hex Lock Collar w Bolt	1	
9	TA00688	Assy, Hex Lock Collar w Bolt	1	
10	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	6	
11	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	6	
12	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	6	



TA01983 Assy, Air System				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	21380	Guage - Pressure 0-160 psi	1	
2	47454056	Air Compressor & Filter	1	
3	47928692	Tank	2	
4	47928705	Package, Pneumatic Manifold with Valve	1	
5	76904	Cock, Fuel Tank Drain	2	
6	84163245	Air Ftg, Str 1/4"OD x 1/4"Npt	1	
7	84166114	Air Ftg, 90 1/4"OD X 1/4"Npt	2	
8	84338925	Pressure Switch, Pneumatic	1	
9	86568834	Plug, Pipe, 1/4-18 HEX STL PLN	1	
10	87623685	Valve, Tank Schrader 1/8" NPT	1	
11	FW-SAE-#10C	Washer, Flat SAE #10 CZ	12	
12	FW-SAE-0.250Y	Washer, SAE Flat 1/4-YZ	4	
13	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	12	
14	HB-0.250-20X2.25Y8	Bolt, Hex Hd 1/4-20x2-1/4-YZ8	2	
15	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	6	
16	HB-10-24X1.00C2	Bolt,HexHd 10-24x1.00 CZ Gr2	4	
17	NLNUT-0.250-20Y8	Nut, Nylock 1/4-20-YZ8	2	
18	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	6	
19	NLNUT-10-24C	Nut, Nylock 10-24 CZ2	4	
20	T0051592	Decal, Pressurized Hzd Warn	1	
21	T0055172	Harness, Air Comp Ext 720"	1	
22	T0056086	Plate, Air Compressor Mount	1	

Note:

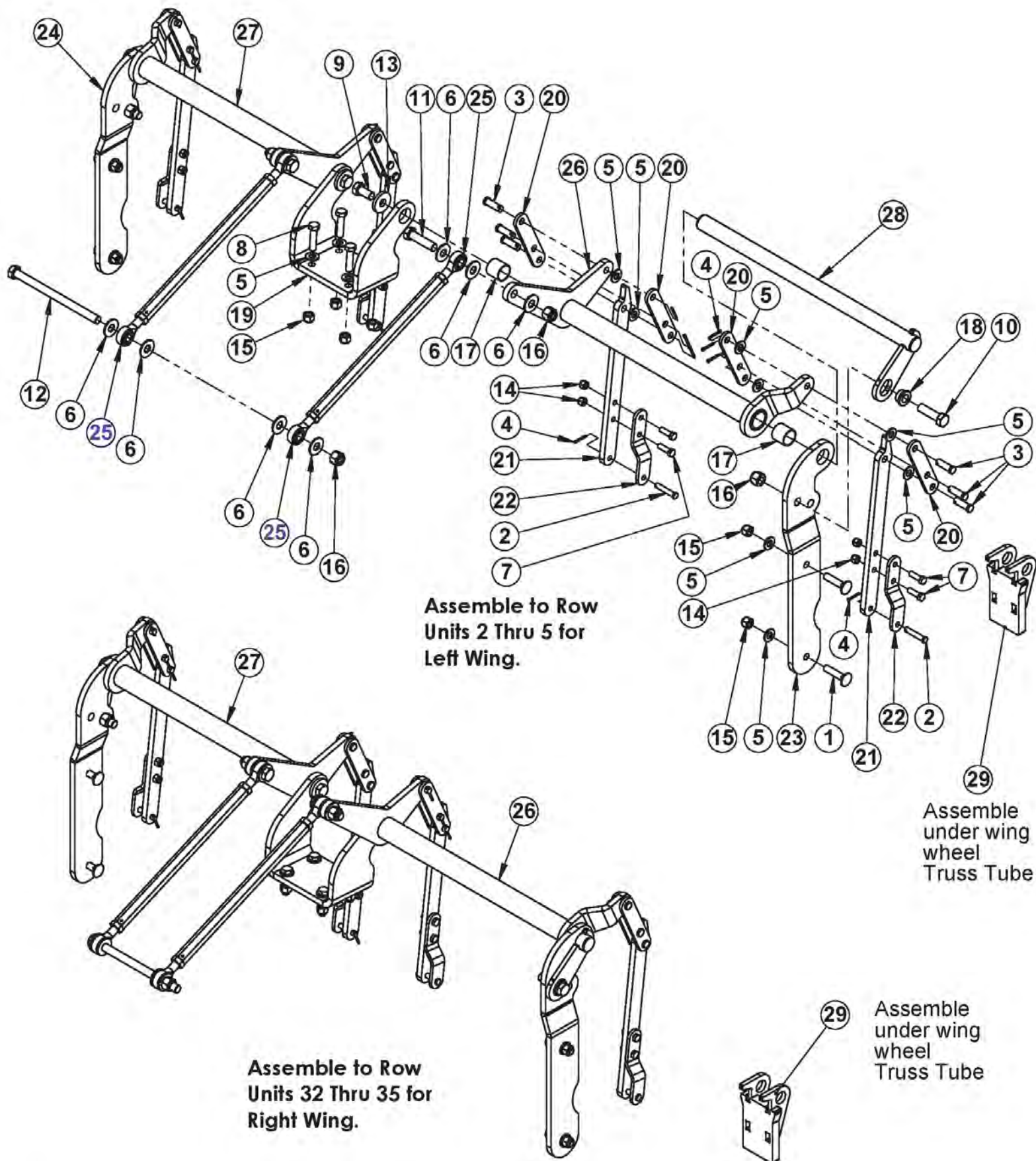
1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



TA02096 Assy, 36R22 Tram Row (1200)				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0054817	Planter Unit Mtg Brkt	4	
2	T0055204	Plate, Backing	4	

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.

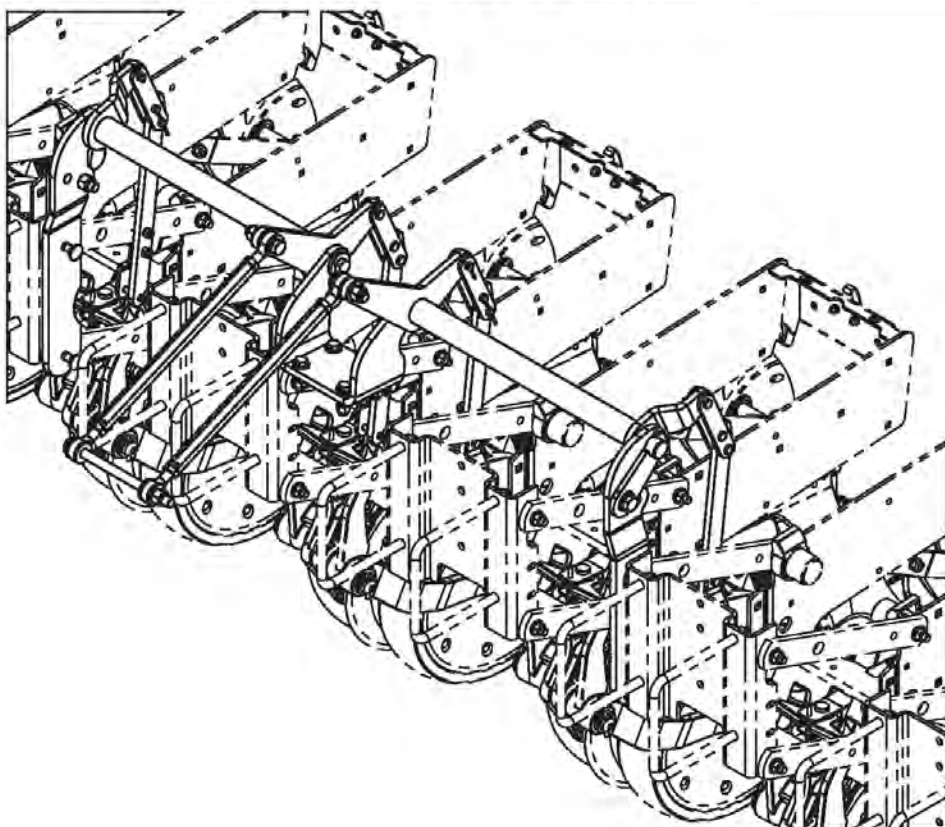


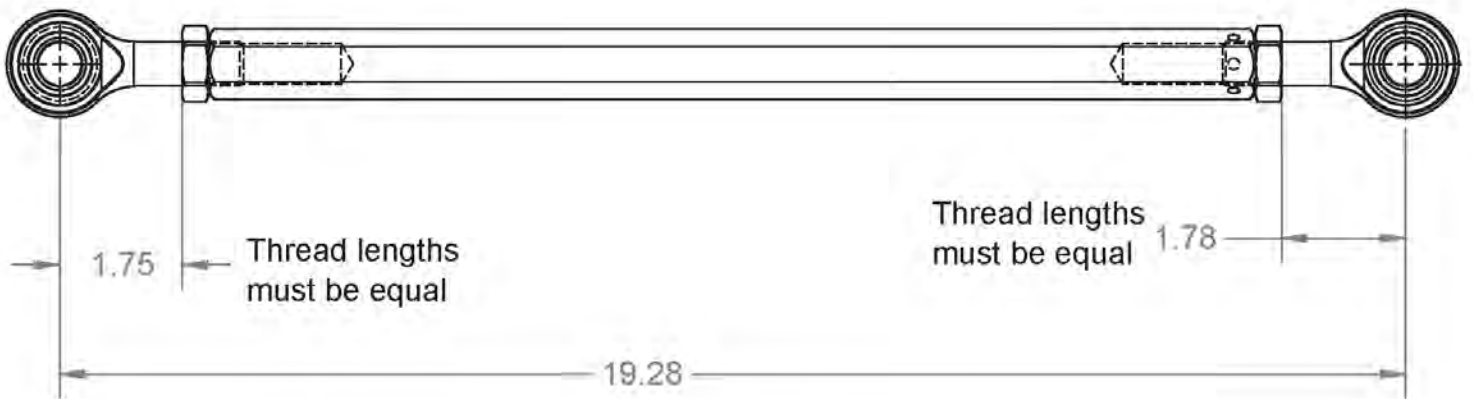
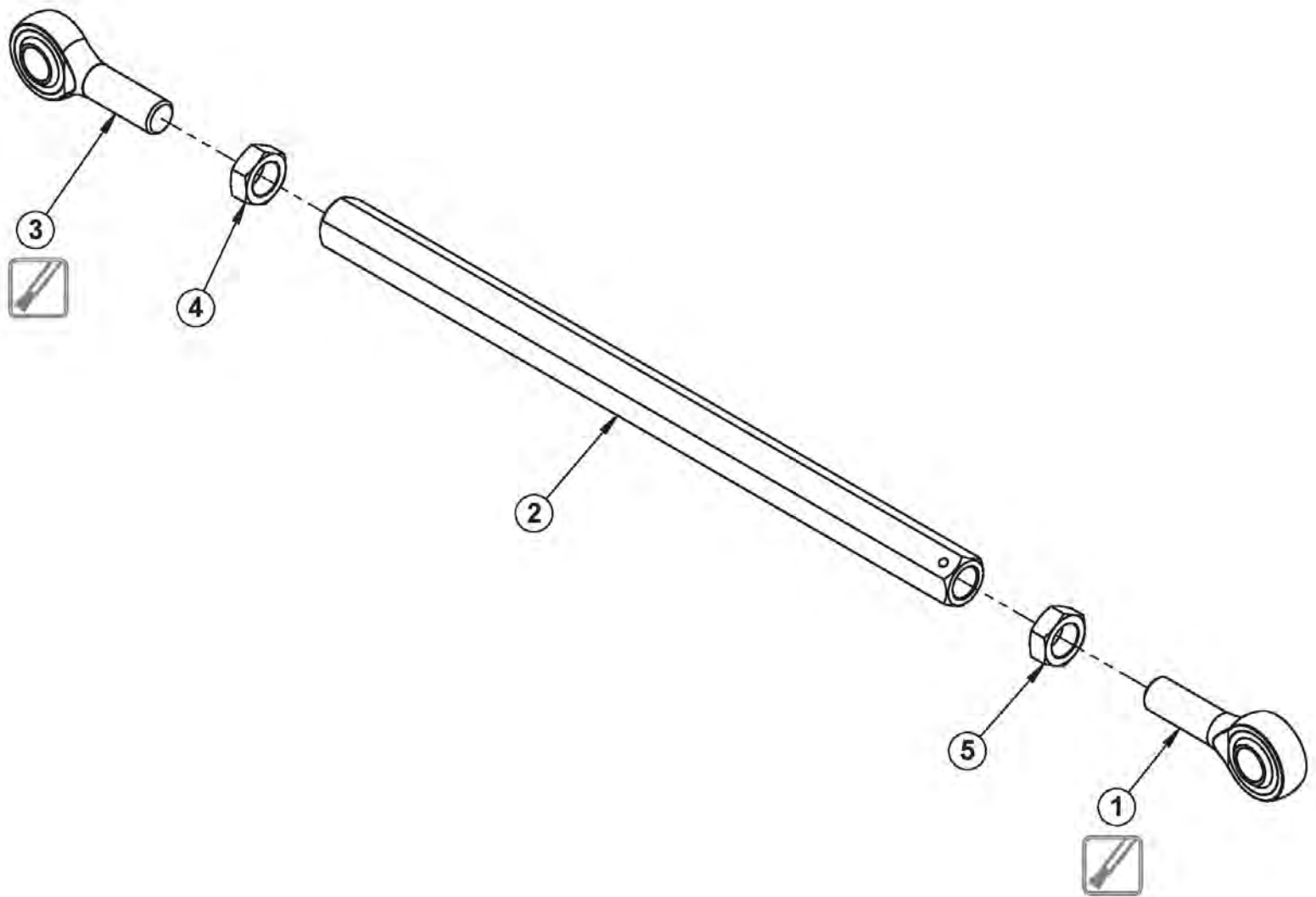
Note:

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.

TA01327 Option, 36R22 RU Lift Kit

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	CB-0.500-13X2.25-Y8	RHSNBOLT 1/2-13x2.25-Y8	8	
2	CLPIN-0.375X2.00C	Clevis Pin Ø3/8-2.00 CZ	8	
3	CLPIN-0.500X1.50C	Clevis Pin	24	
4	CTPIN-0.125X1.00	COTTER PIN, 1/8 X 1, SST	32	
5	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	48	
6	FW-USS-0.563YTH	Washer, Fl 9/16 USS Th-Hrd YZ	20	
7	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	16	
8	HB-0.500-13X2.00Y8	Bolt, Hex Hd 1/2-13x2 YZ8	8	
9	HB-0.625-11X1.25Y8	Bolt, Hex Head-5/8-11x1.25-YZ8	4	
10	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	4	
11	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	4	
12	HB-0.625-11X9.00Y8	Bolt, Hex Head-5/8-11x9.0-YZ8	2	
13	HDWSH-0.64X1.75Y	HD Washer 0.64 x 1.75	4	
14	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	16	
15	NLNUT-0.500-13Y8	Nut, Nylock 1/2-13 YZ8	16	
16	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	10	
17	PB-1.250X1.38X1.25	Bush, Polygon 1.25x1.375x1.25	8	
18	T0050854	Anti Rotation Insert	4	
19	T0054762	Bracket, RU Lift Pivot	2	
20	T0054763	Link, RU Lift	16	
21	T0054764	Link, RU Lift	8	
22	T0054765	Brckt, Lift Pin	8	
23	T0054766	Brckt, LH Lift Pivot	2	
24	T0054767	Brckt, RH Lift Pivot	2	
25	TA01108	Tie Rod Assy	4	
26	TW001181	Wldmt, LH 22" RU Lift	2	
27	TW001182	Wldmt, RH 22" RU Lift	2	
28	TW001183	Pin Weldment	4	
29	TW001207	Wldmt, Rear Arm Lock	2	



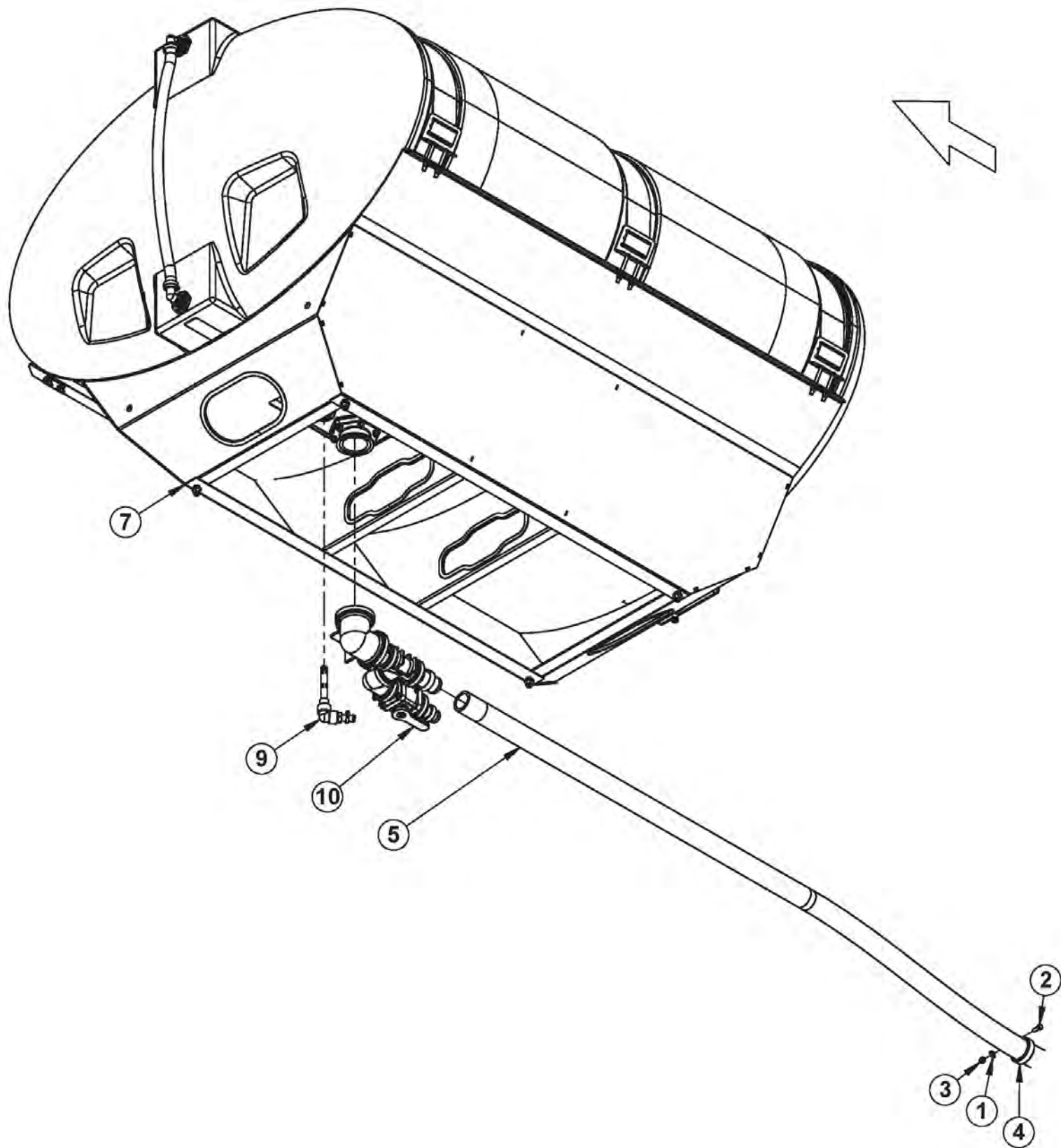


TA01108 Tie Rod Assy

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.

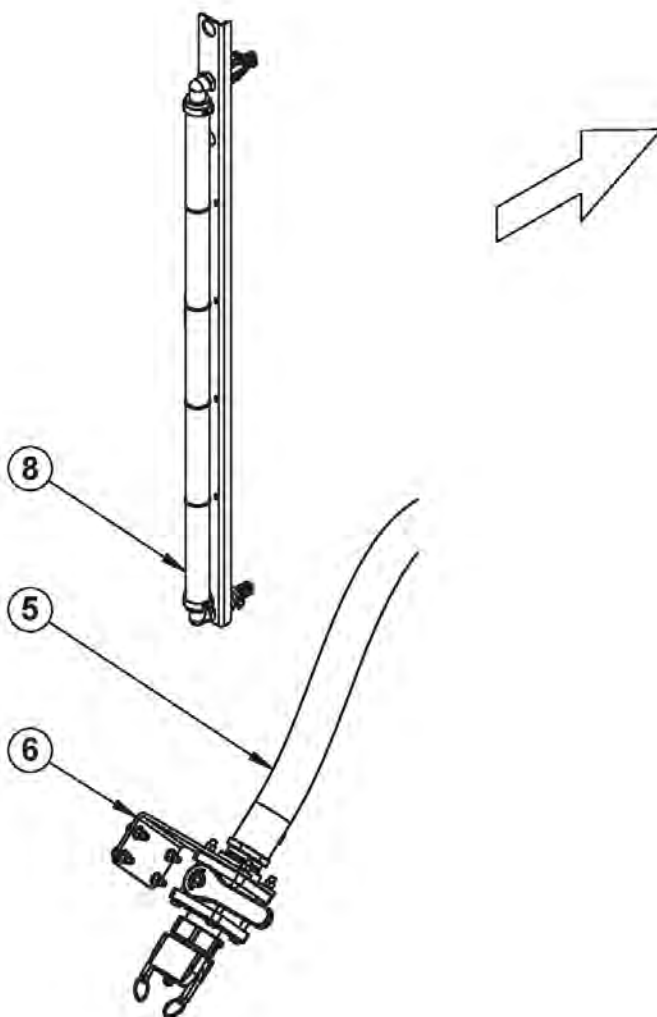


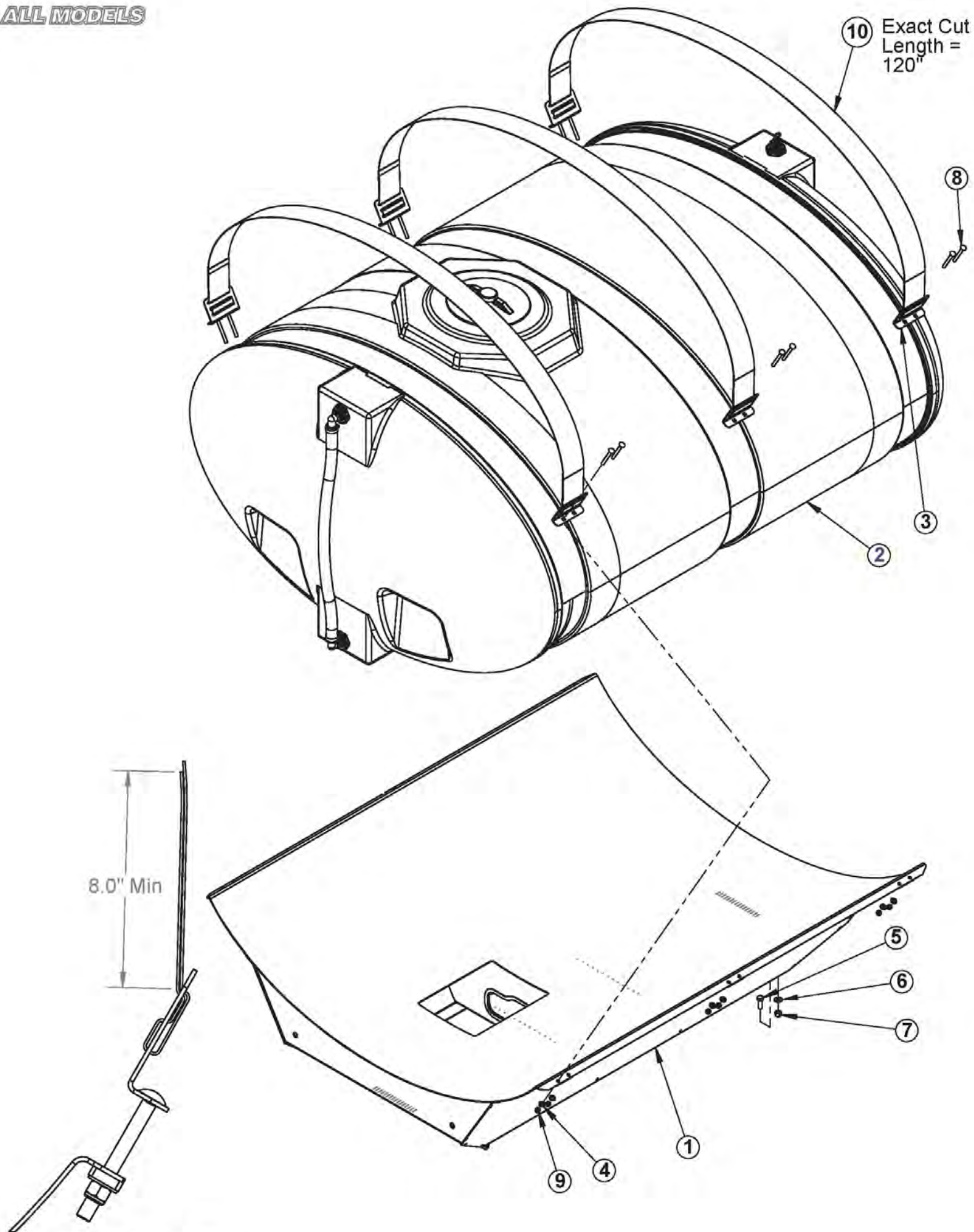
TA02040 Assy, 750 Gal Tank Assy w/2" Fill

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	1	
2	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1 YZ8	1	
3	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	1	
4	PCLMP-3.00x.406	Clamp, Tube 3x13/32	1	
5	T0056132	Hose, Suction Ø2.00" x 233"	1	
6	TA00693	Assy, Liquid Fert Mount	1	
7	TA01002	Assy, 750 Gal Tank and Base	1	
8	TA01541	Assy, Rear Liq Fert Sight Gauge	1	
9	TA01942	Assy, Tank Agitator	1	
10	TA02042	Assy, 2" Tank Fill Manifold	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.

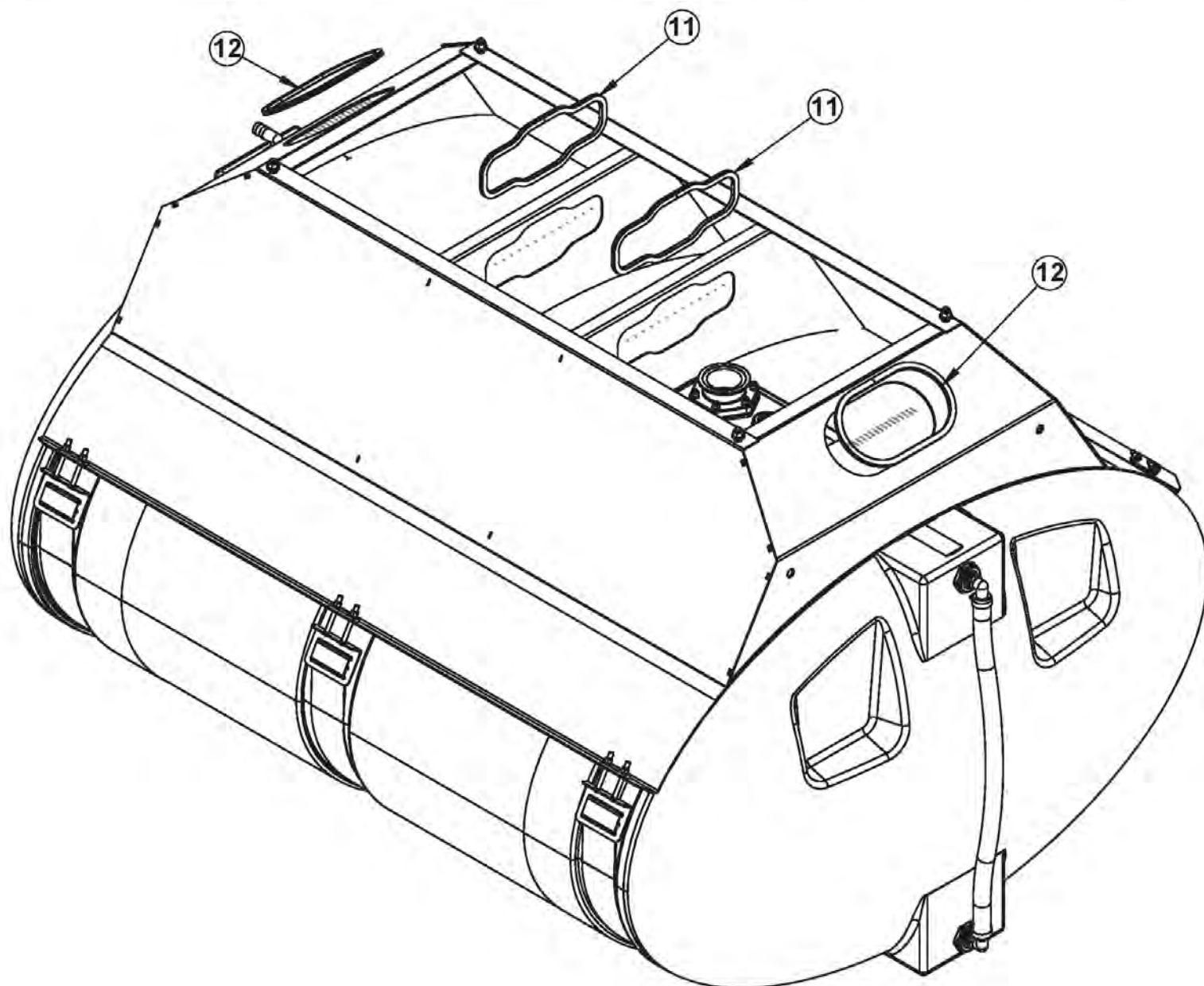


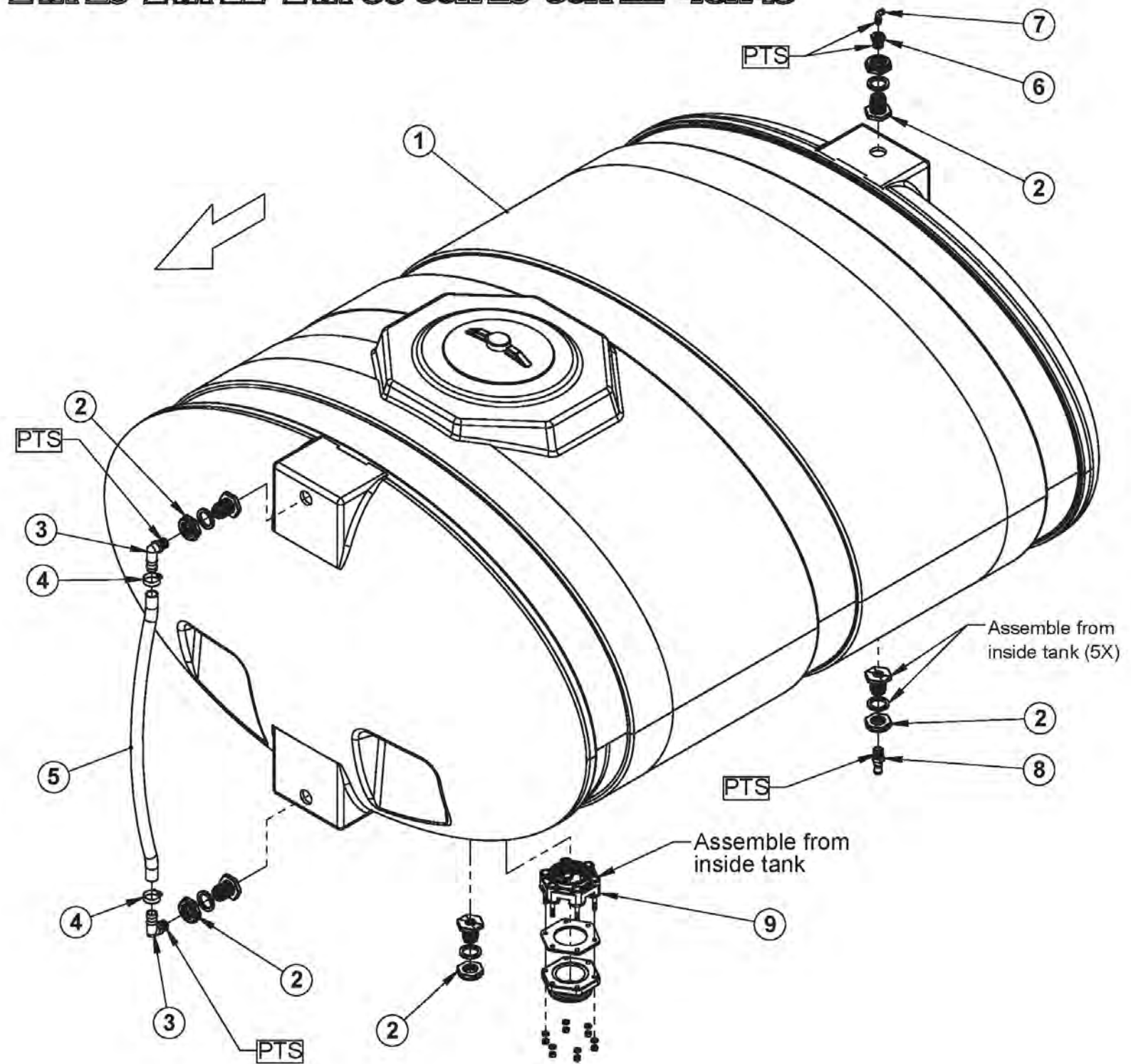


Webbing Routing Detail

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	



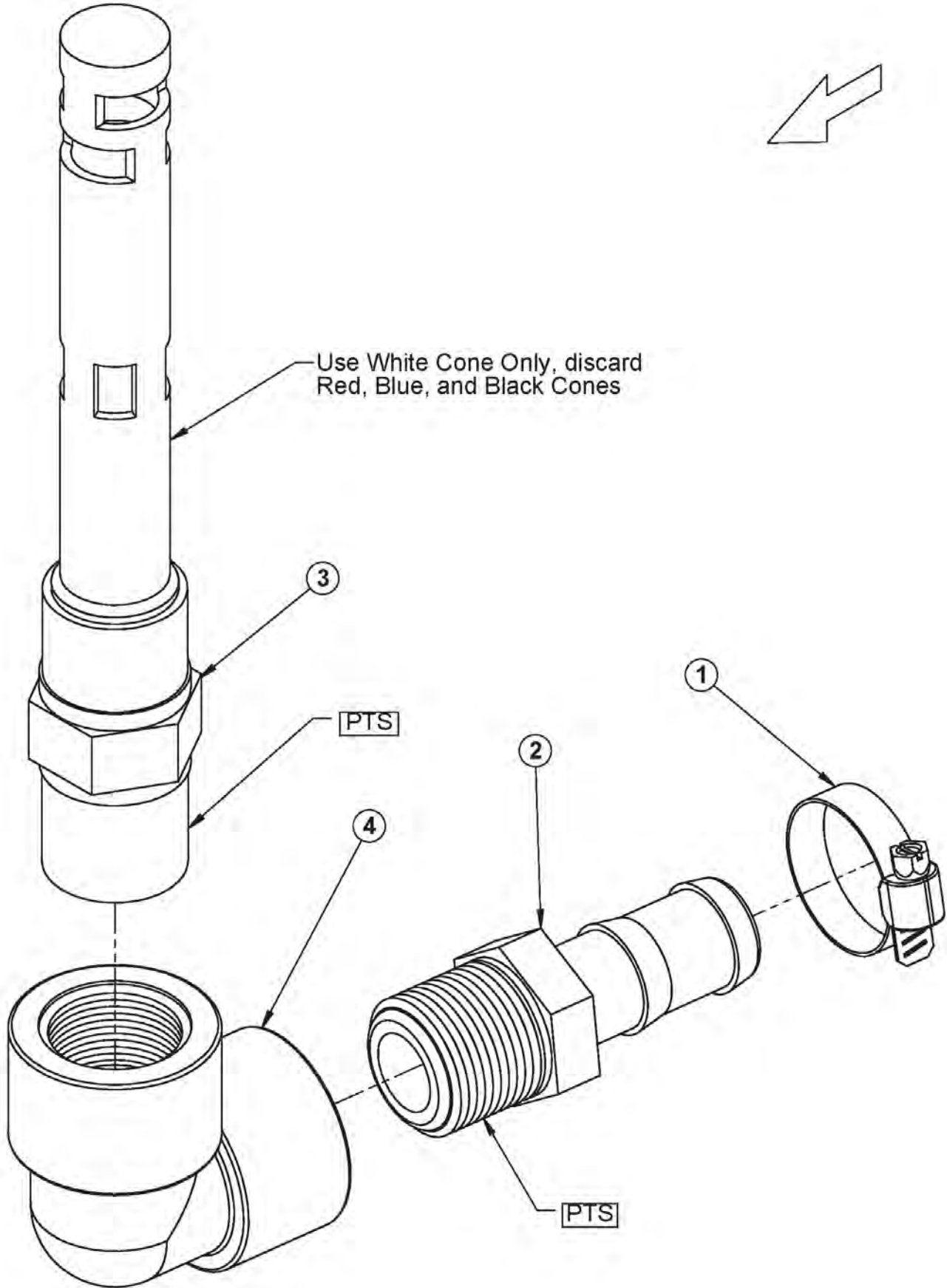


TA01004 Assy, Fert Tank 750 Gal

ITEM	PART NUMBER	Vendor PN	DESCRIPTION	QTY.
1	T0053327	ET750-GRAY	Tank, 750 GL Elliptical	1
2	T0051176	TF075	Ftng, 3/4" Bulkhead Tank	5
3	T0051179	HB075/100-90	.75" MPT to 1.00" Hose Barb-90	2
4	HCLMP-SAE-16SS	62012	Hose Clamp, SAE #16 SS	2
5	T0053360	SGH100	Sight Gauge Hose	1
6	T0055126	RB075-025	Fitting, Reducer Bushing 1/4 X 3/4 MPT	1
7	T0052453	0451579	Elbow 1/4" PTC to 1/4" MPT	1
8	T0051512	HB075	3/4" MPT x 3/4" HB	1
9	T0053678	MBF300BD	Tank Flg,3" Man Boltd-Bttm Drn	1

Note:

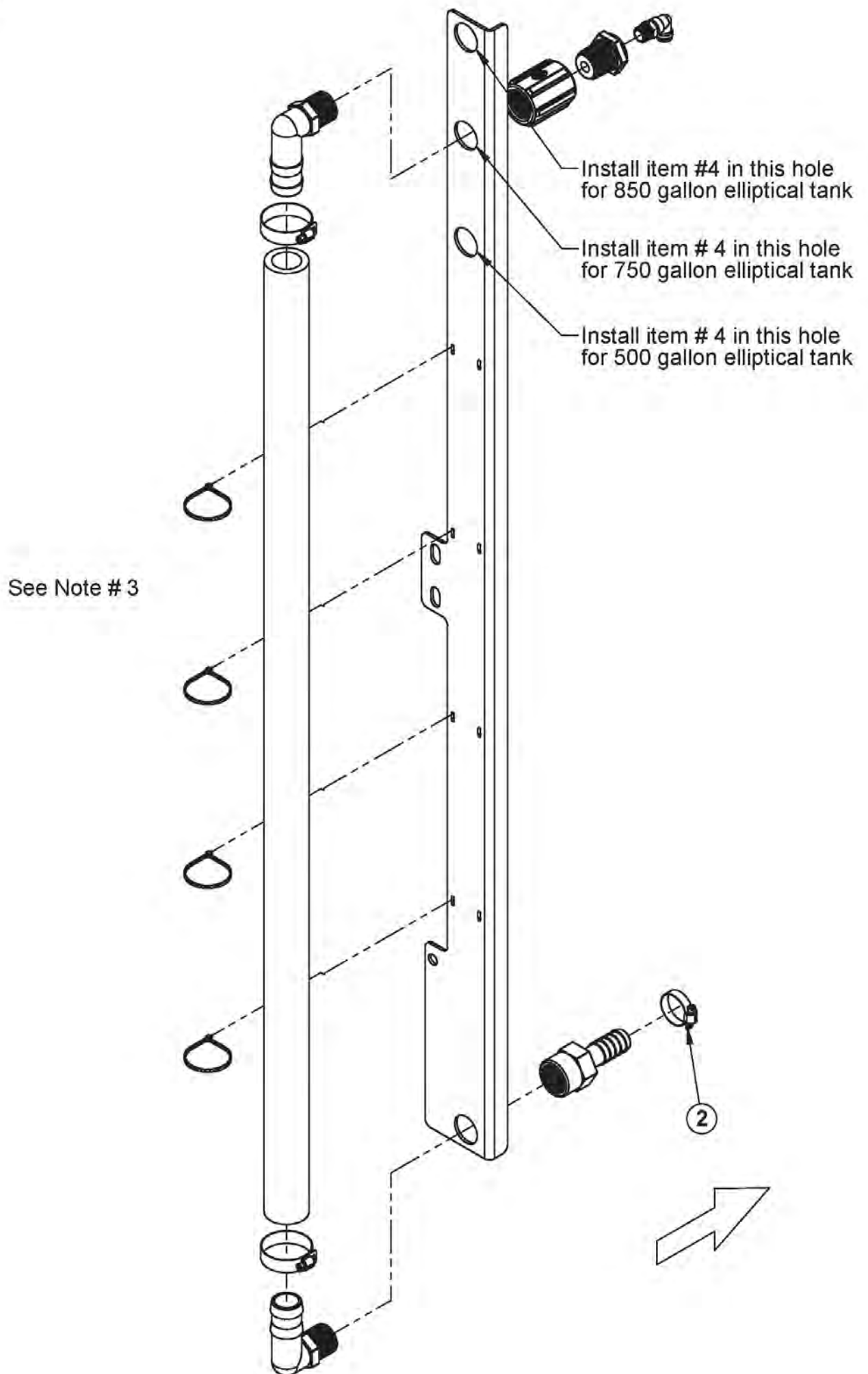
1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified).
2. * Items marked with an asterisk are items that are included in that particular part or assembly.
3. **PTS**= Apply Pipe Thread Sealant, use Rectorseal #21 or equivalent.



TA01942 Assy, Tank Agitator				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HCLMP-SAE-12SS	Hose Clamp, SAE #12-SS	1	
2	T0051512	3/4" MPT x 3/4" HB	1	
3	T0051637	Agitator, Tank	1	
4	T0052428	Elbow, 3/4FPT X 3/4FPT	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. PTS = Apply Pipe Thread Sealant, use Rectorseal #21 or equivalent.



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.

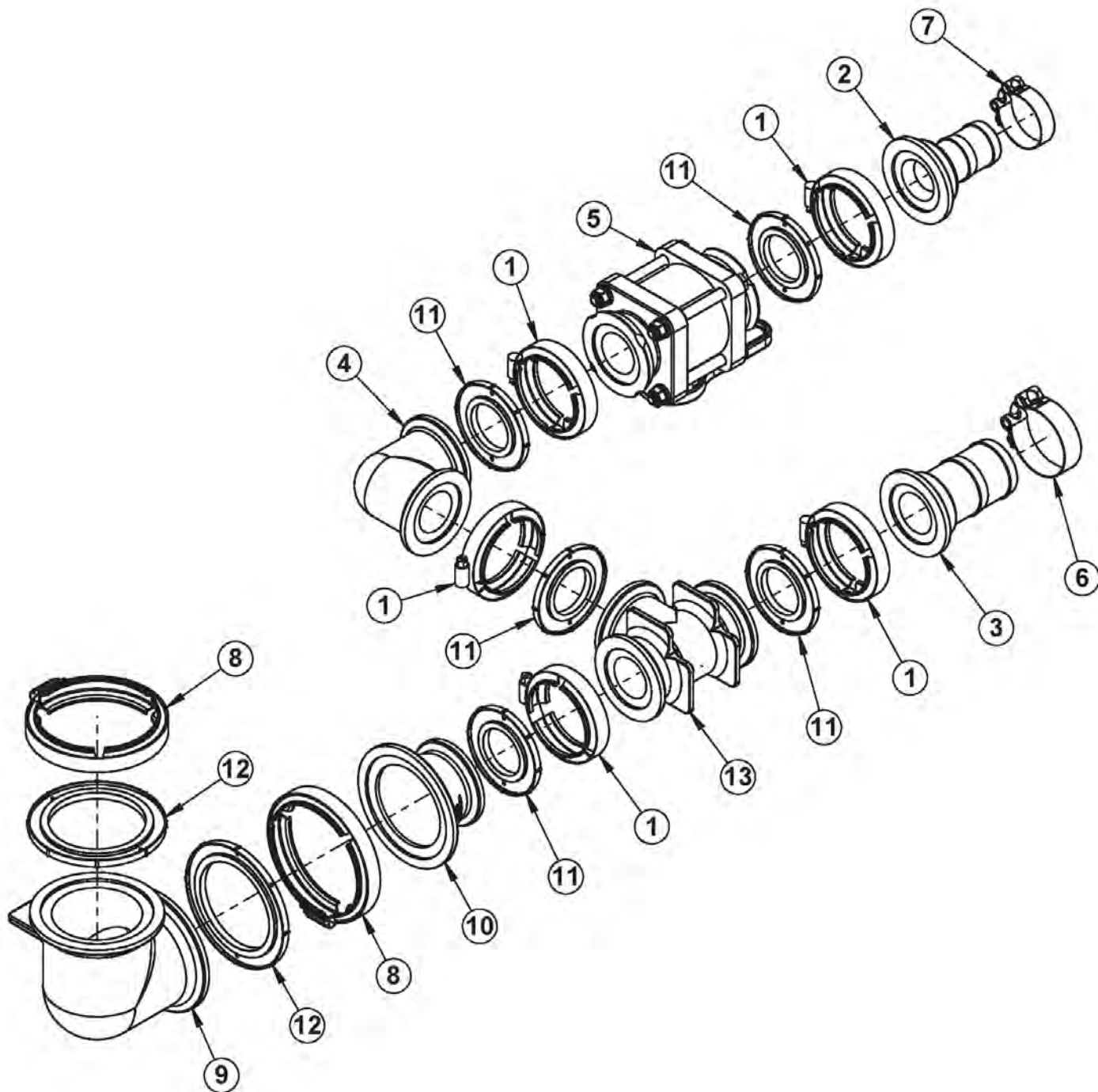
TA01541 Assy, Rear Liq Fert Sight Gauge (850 Gallon Elliptical Tank Option)

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.

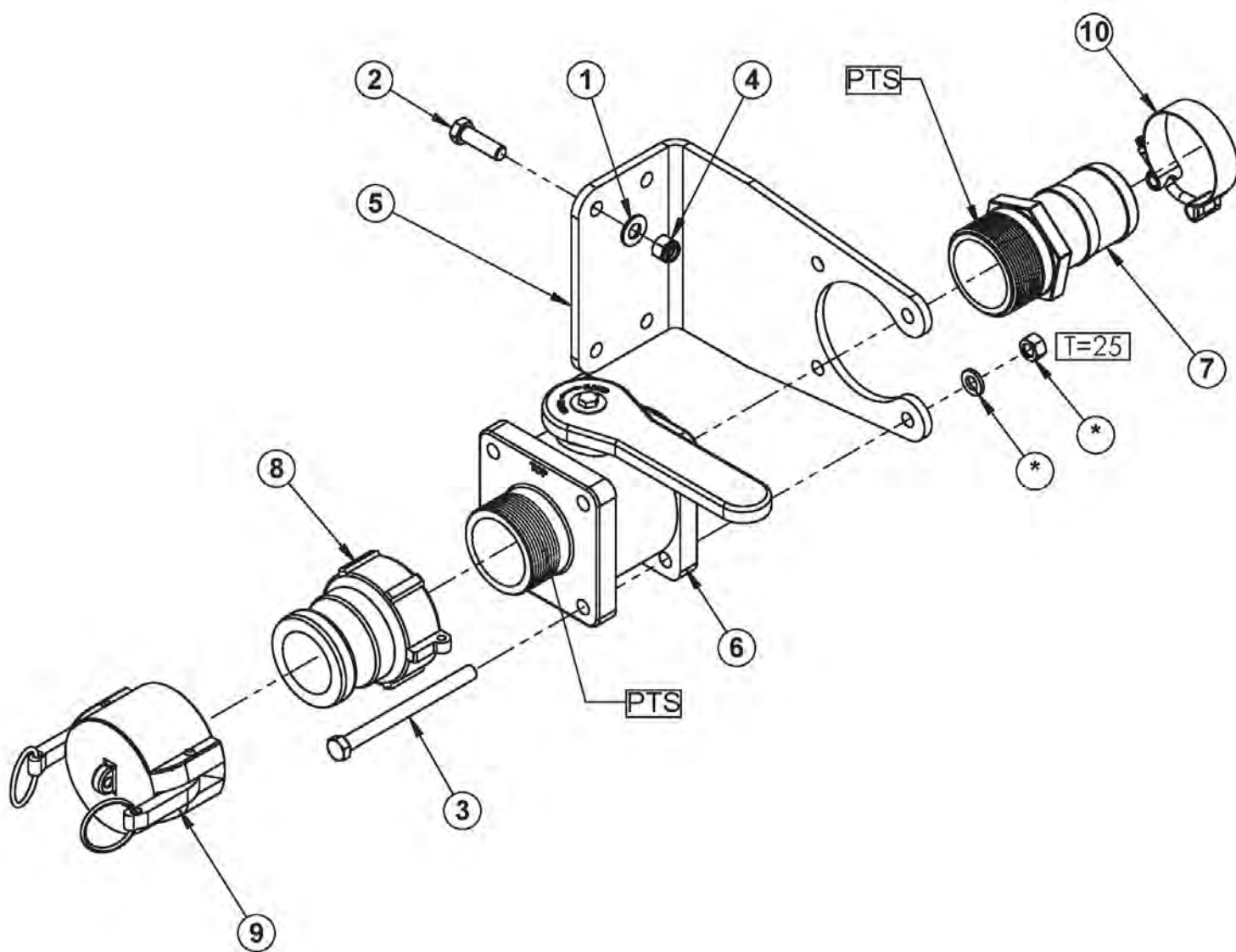


TA02042 Assy, 2" Tank Fill Manifold

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0051560	Clamp 2" Flange	5	
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	T0051615	Valve, Ball 2" Manifold	1	
6	T0051639	T-Bolt Clamp 2.5"	1	
7	T0051640	T-Bolt Clamp 2"	1	
8	T0053408	Clamp, 3" Hi Torque	2	
9	T0053421	Coupling, 3" Manifold X 90 Deg	1	
10	T0053424	Ftng, M300 X M200 Coupling	1	
11	T0053630	Gasket, Univ Flanged 1.5" EPDM	5	
12	T0053635	Gasket, Univ Flanged 3.0" EPDM	2	
13	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.

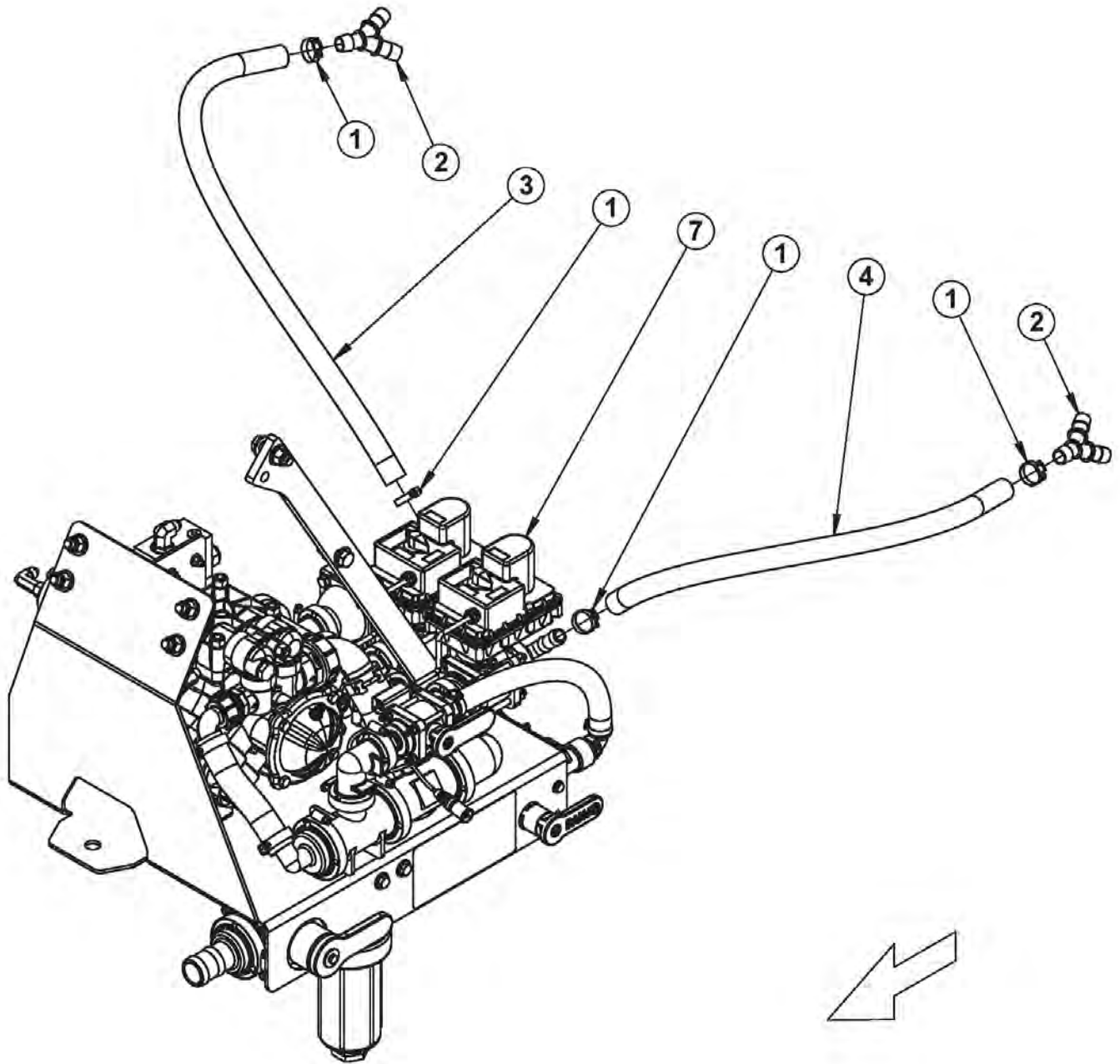


TA00693 Assy, Liquid Fert Mount

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.

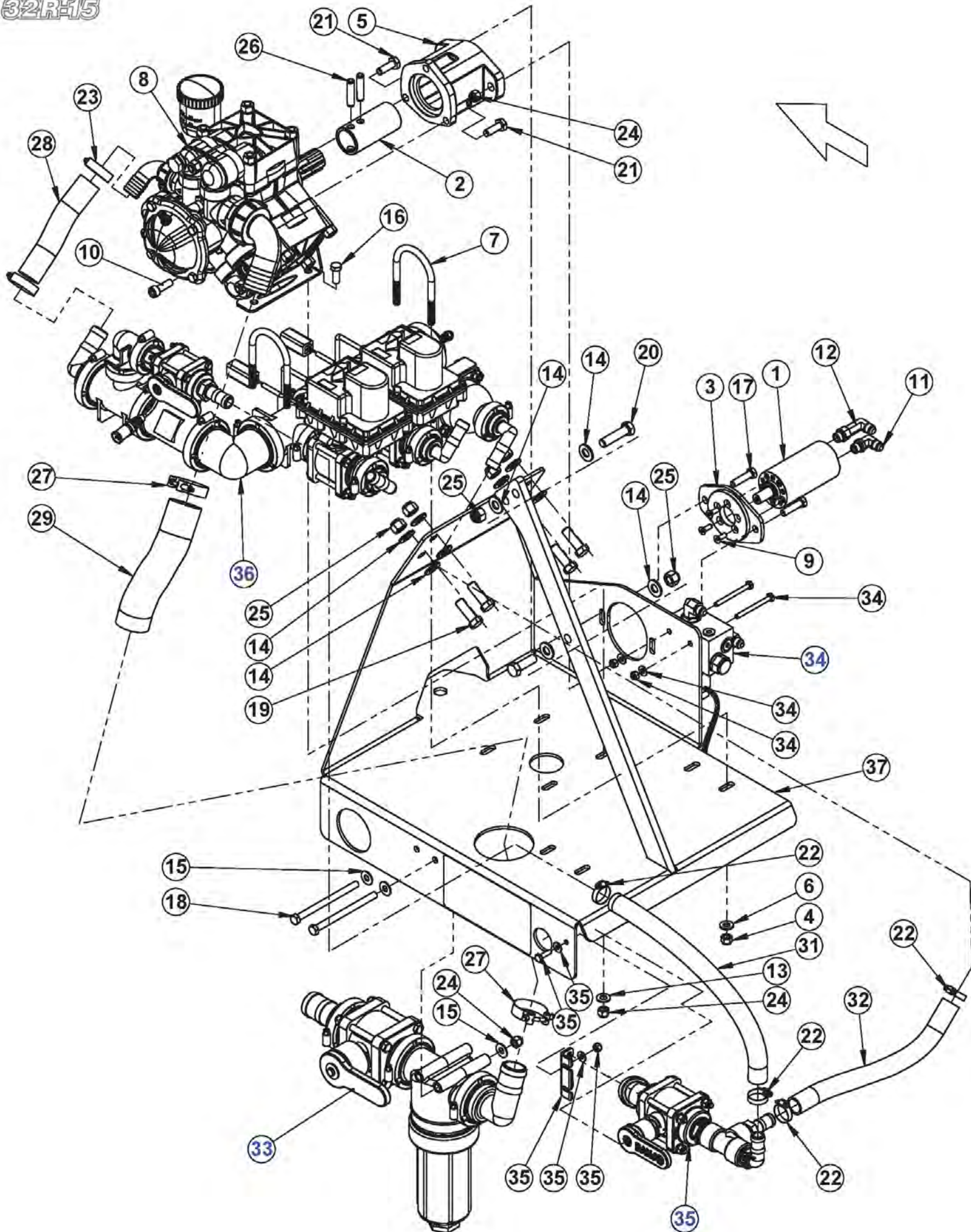
* Items marked with an asterisk, are included with P/N T0051513.



TA02044 Assy, Fertilizer Pump 1200				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HCLMP-SAE-12SS	Hose Clamp, SAE #12 SS	4	
2	T0052445	3/4" Hose Barb Wye	2	
3	T0052780	Hose, AgSpray 200 Ø3/4x30	1	
4	T0052781	Hose, AgSpray 200 Ø3/4x30	1	
5	T0056128	Hose, Suction Ø1.50" x 58"	1	
6	T0056130	Hose, Ag Spray 200 Ø3/4" x 73"	1	
7	TA01805	Assy, Fertilizer Pump 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.

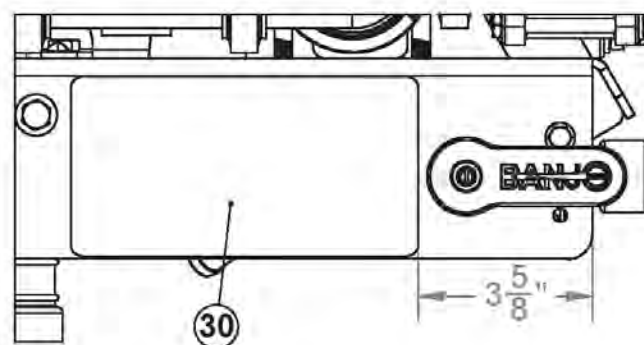


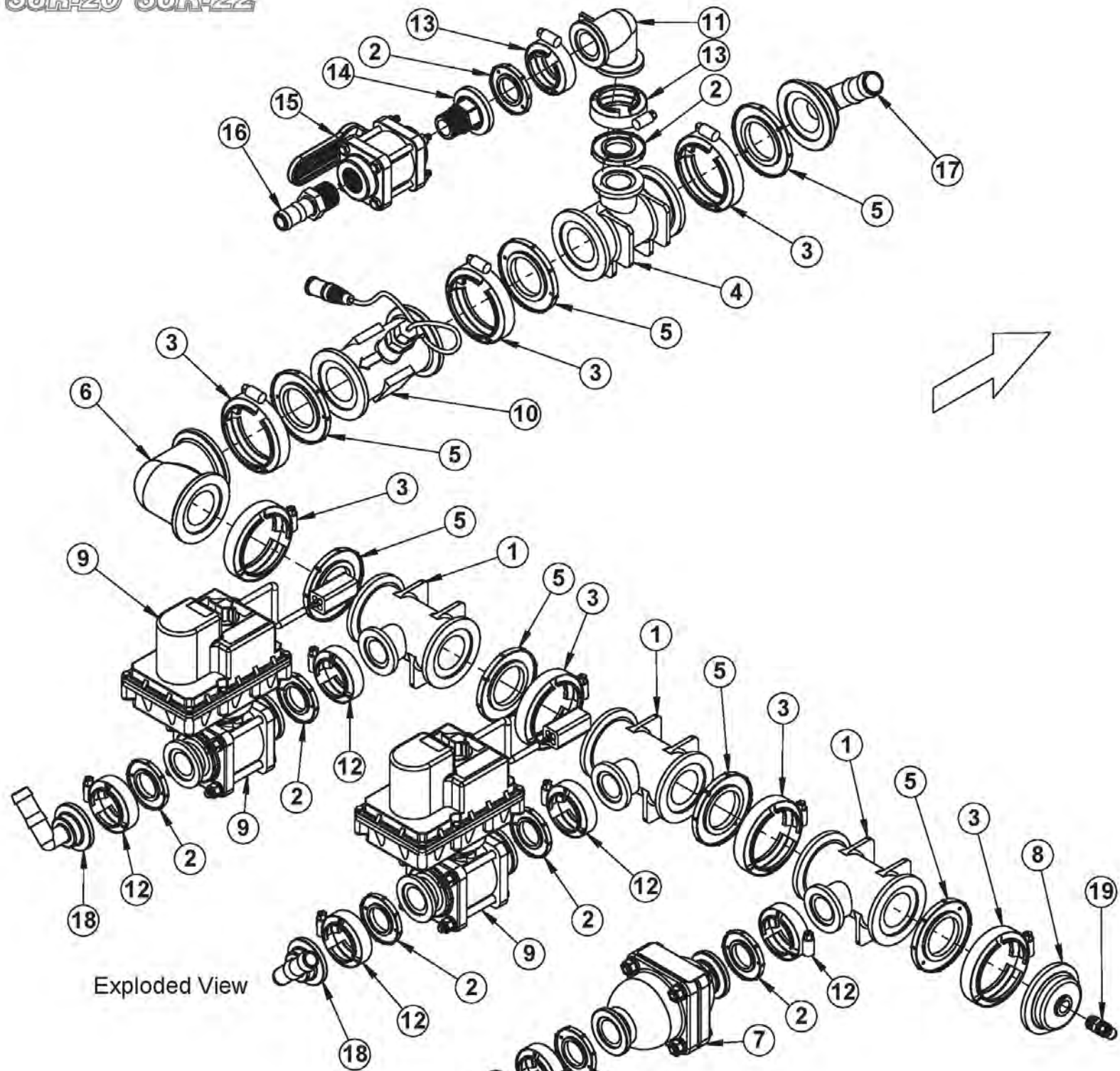
TA01805 Assy, Fertilizer Pump Mount

	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, Wam-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	

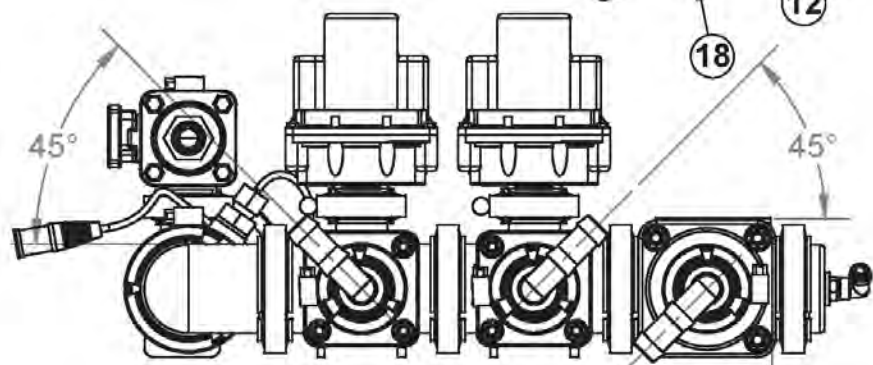
Note:

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





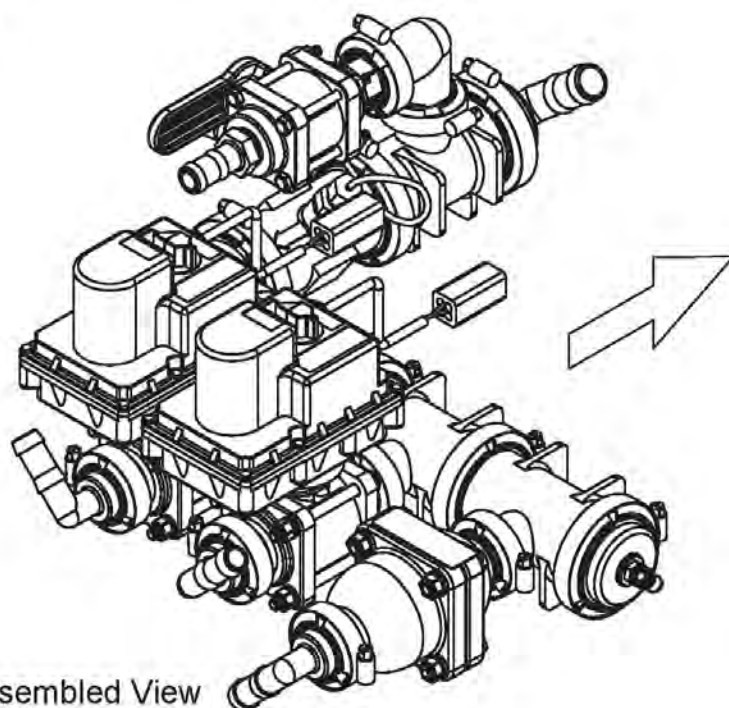
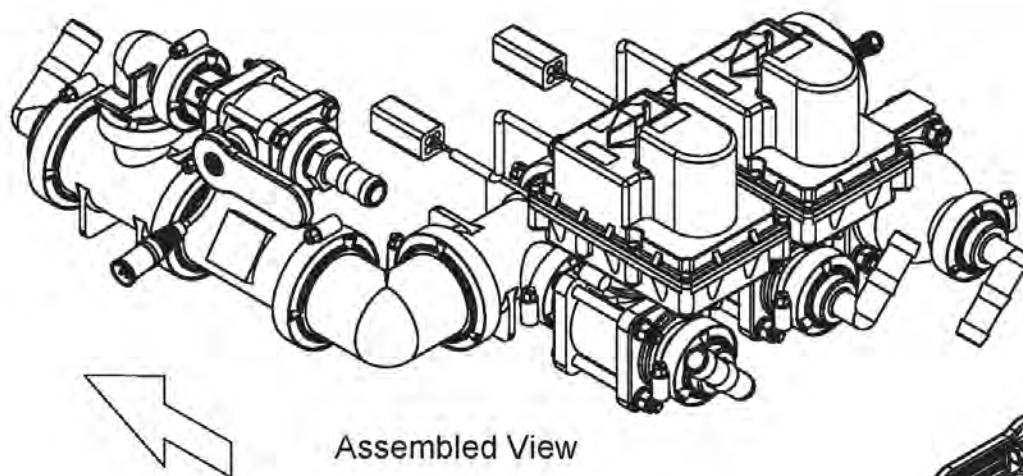
Exploded View

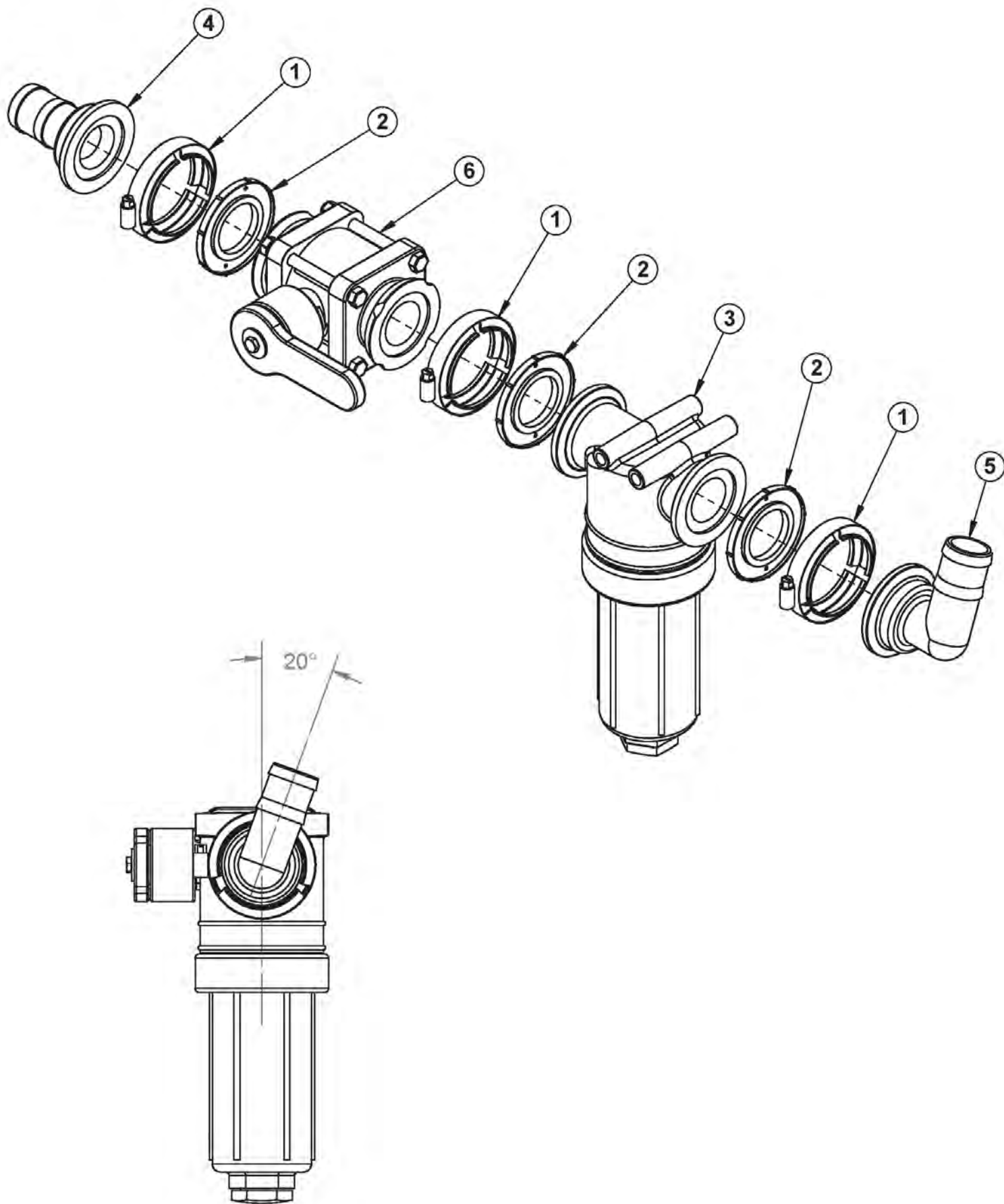


Assembled View

TA01036 Assy, Fert Pump Valve

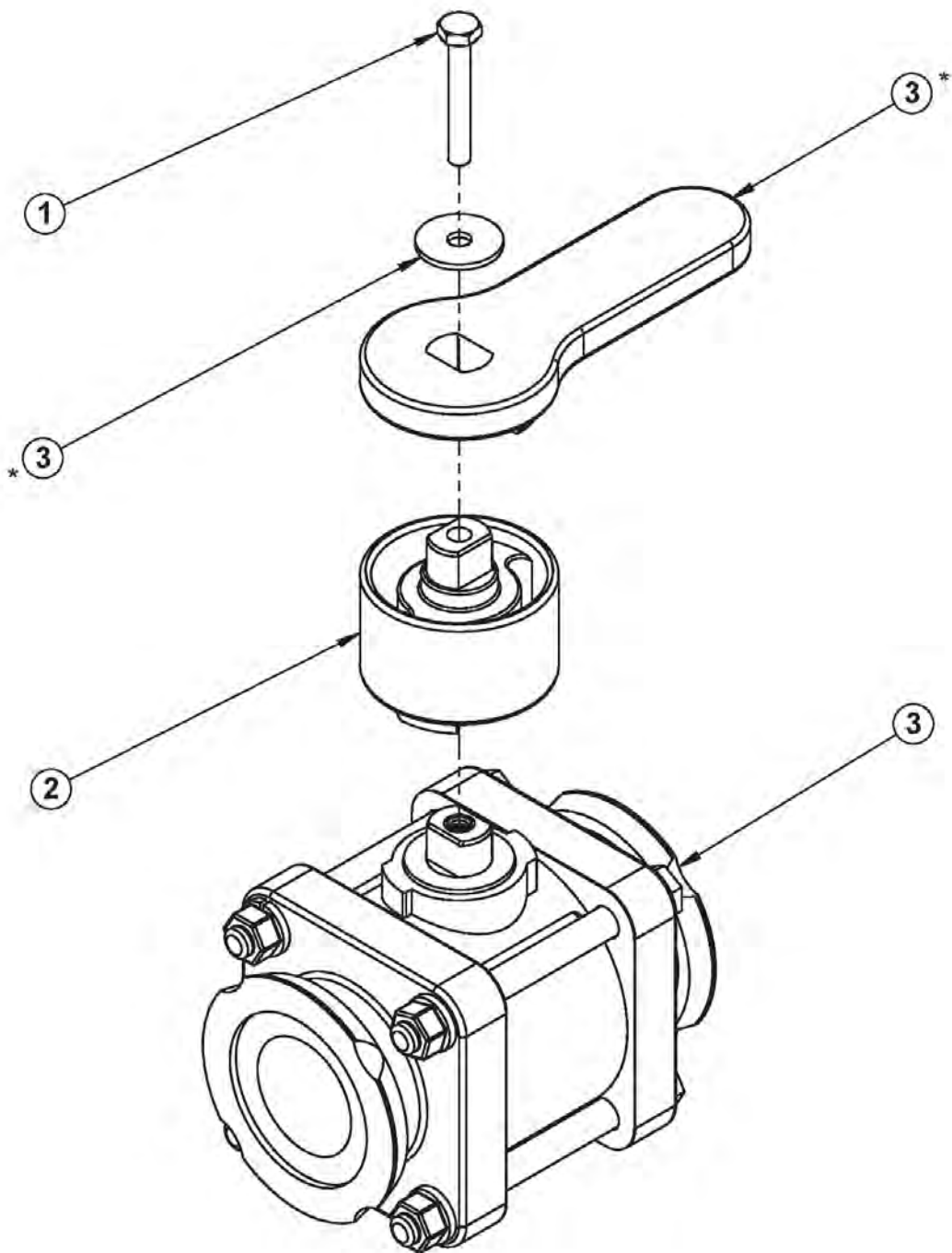
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	86984089	Tee 2" x 2" x 1"	3	
2	T0053645	Gasket, Univ Flanged 1.0" EPDM	8	
3	406040A1	Clamp 2" Flange	7	
4	T0051076	Tee 2" x 2" x 1"	1	
5	T0053630	Gasket, Univ Flanged 1.5" EPDM	7	
6	405782A1	Elbow 2" 90 Short	1	
7	87505937	Pressure Relief Valve - 100PSI	1	
8	87670356	Plug 2" w/ Gauge Port	1	
9	406039A1	Solenoid Valve - Liquid	2	
10	406037A2	Flowmeter,RFM15 Range .3-15GPM	1	
11	T0051506	Coupler Flange 90 Deg 1"	1	
12	406041A1	Clamp 1" Flange	6	
13	T0051636	Clamp 1" Flange	2	
14	T0051509	1" Flange x 3/4" MPT	1	
15	T0053531	Valve, Full Port .75X.75	1	
16	T0051512	3/4" MPT x 3/4" HB	1	
17	T0051563	2" Flange x 1" 90 HB	1	
18	405785A1	Elbow 90 1" Flange 3/4" HB	3	
19	T0052453	Elbow 1/4" PTC to 1/4" MPT	1	





TA00832 Assy, Filter, Valve Sub

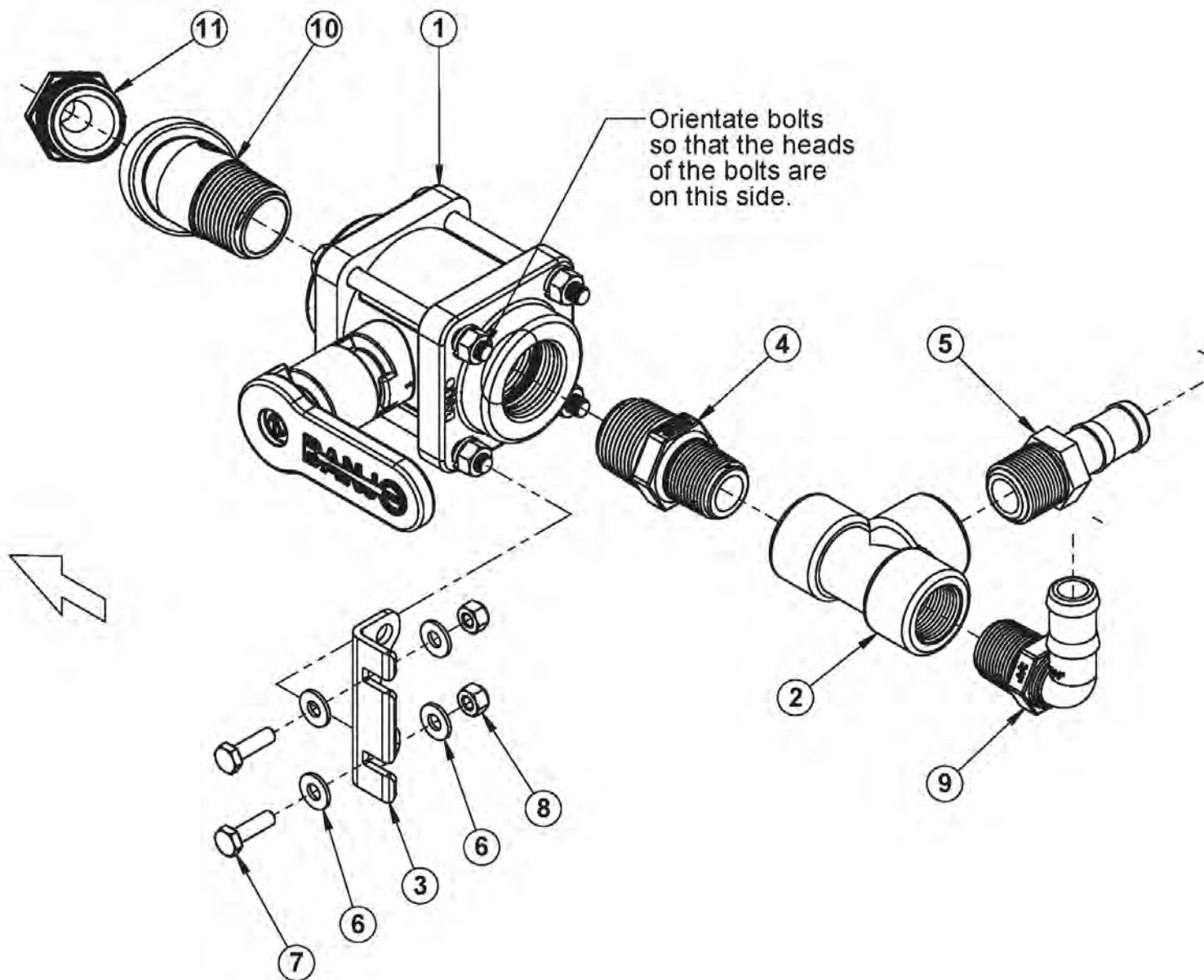
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0051560	Clamp 2" Flange	3	
2	T0053630	Gasket, Univ Flanged 1.5" EPDM	3	
3	T0051597	Mnfld, 2" T Strainer-80 Mesh	1	
4	T0051598	Fitting, 2" Flange x 1.5" HB	1	
5	T0051619	2" Flange x 1.5" 90 deg HB	1	
6	TA00829	Assy, Valve With Riser	1	



TA00829 Assy, Valve With Riser

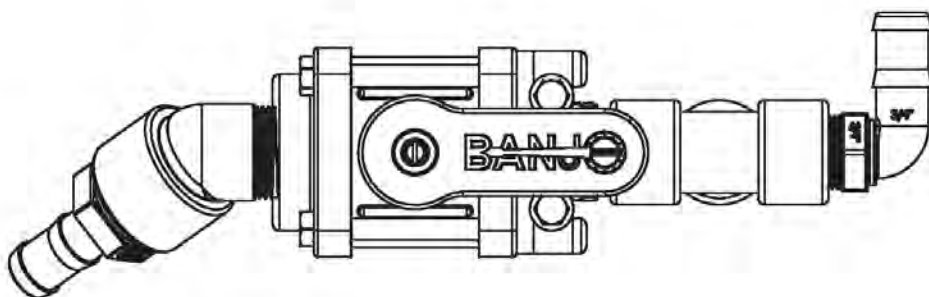
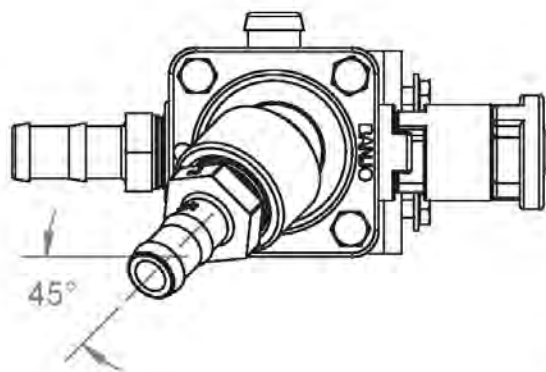
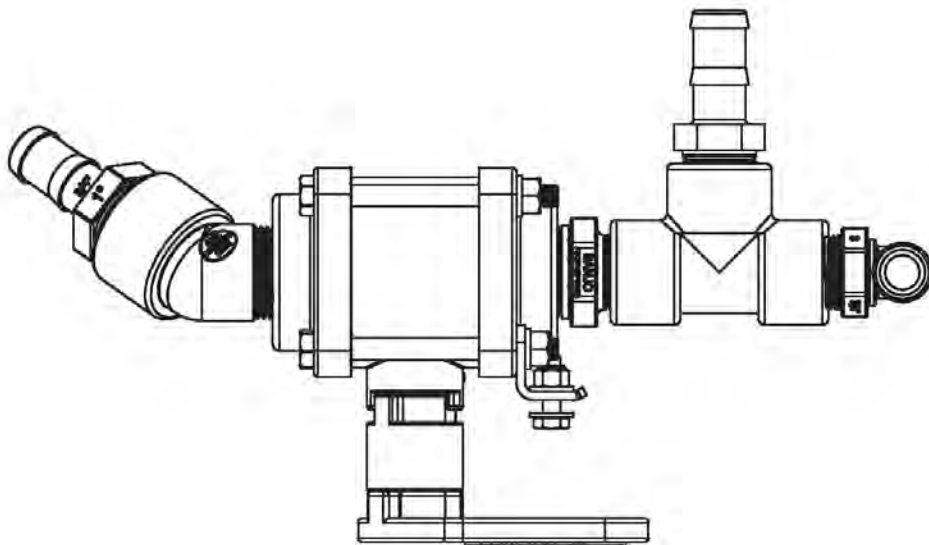
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HB-0.250-20X1.75SS	Bolt, hex Hd 1/4-20x1-3/4-SS	1	
2	T0052410	Handle Riser	1	
3	T0051615	Valve, Ball 2" Manifold	1	

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

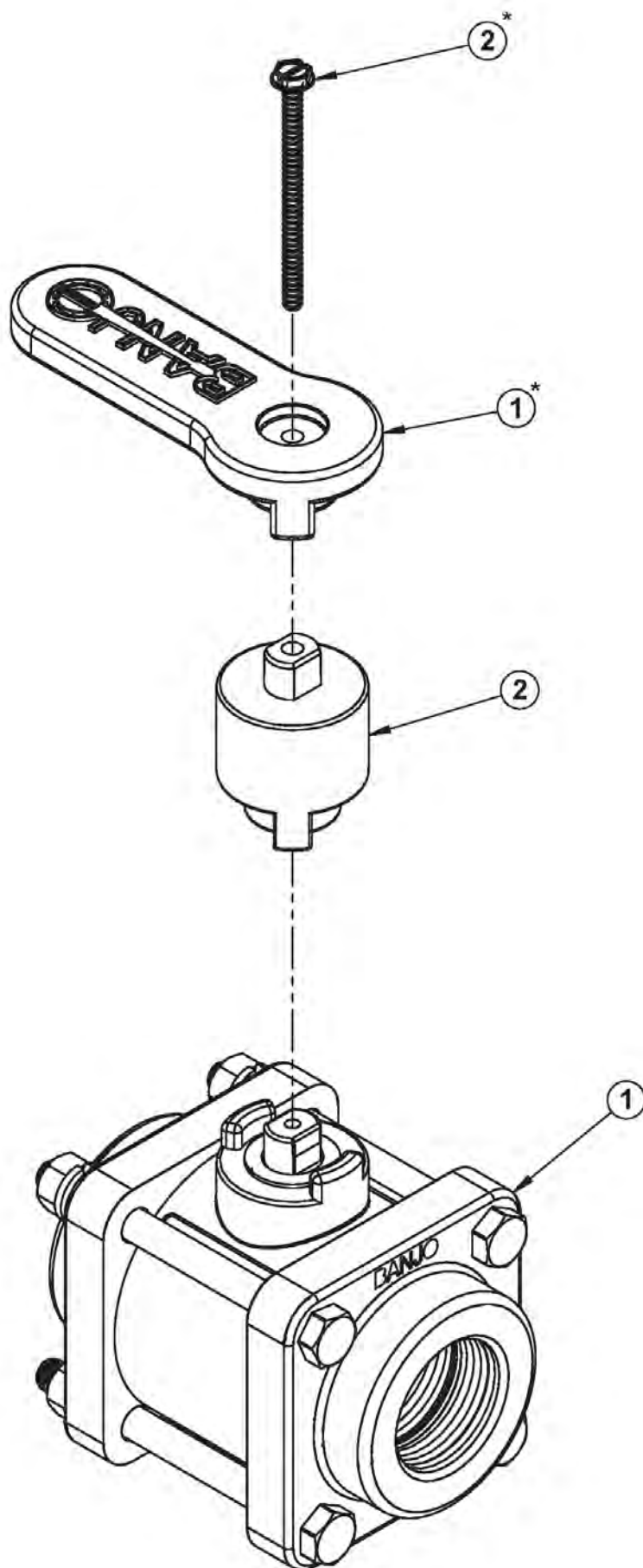


TA01035 Assy, Secondary Tank Shutoff

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TA01037	Assy, Valve w/ Offset Handle	1	
2	T0051558	Tee 3/4" Threaded	1	
3	T0053577	Brkt, Valve Mounting 90 Deg	1	
4	T0053592	Nipple, Reducing Coupler 1x.75	1	
5	T0051512	3/4" MPT x 3/4" HB	1	
6	FW-SAE-0.250Y	Washer, SAE Flat 1/4-YZ	4	
7	HB-0.250-20X0.88Y8	Bolt, Hex Hd 1/4-20x7/8 YZ8	2	
8	NLNUT-0.250-20Y8	Nut, Nylock 1/4-20-YZ8	2	
9	T0053593	Ftng, MPT.75x.75 Hbarb 90 Deg	1	
10	T0053595	Ftng, 45 Deg Street Elbow-1"	1	
11	T0053598	Ftng, 1.0 MPT x .75 Hose Barb	1	



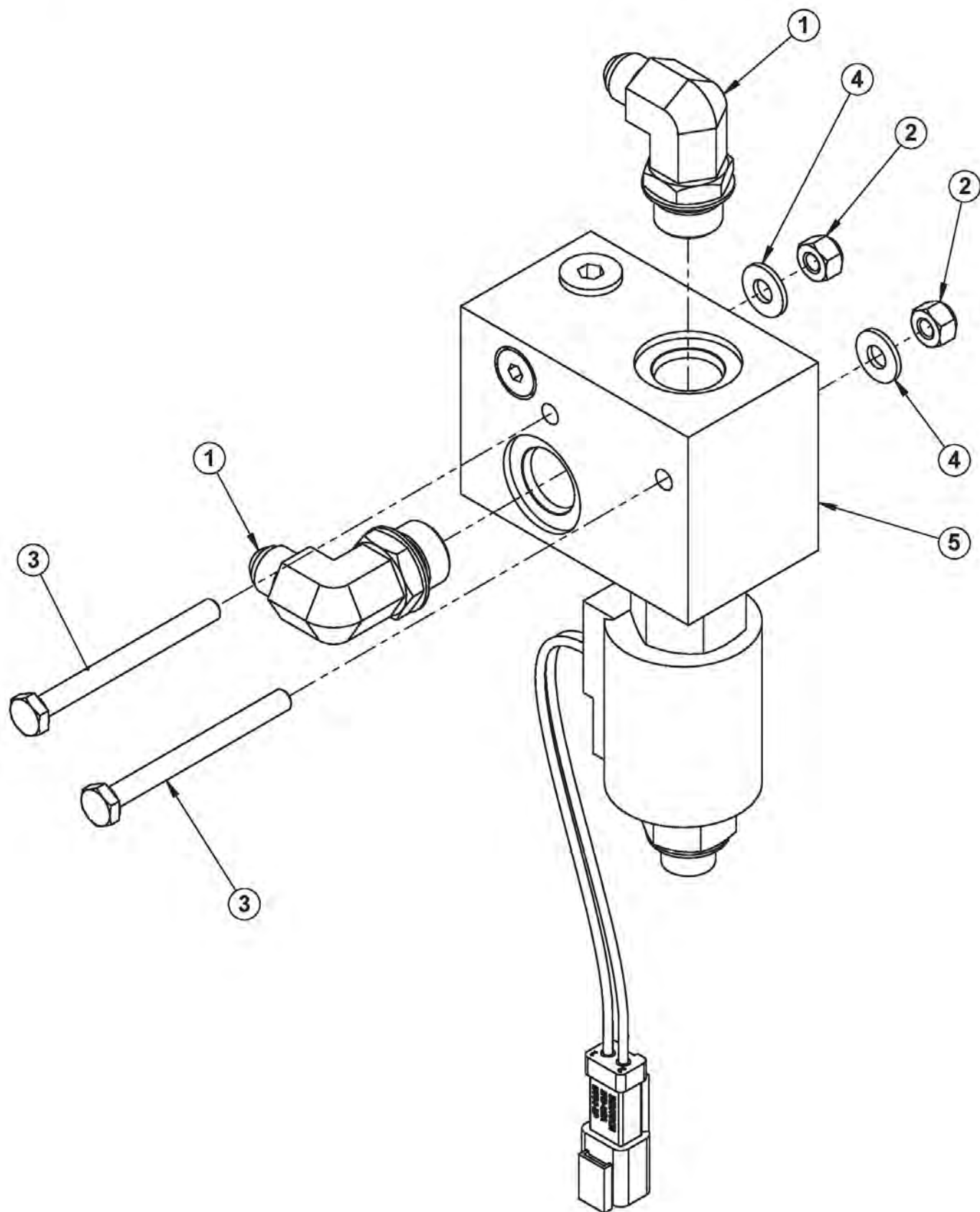
Assembled Views



TA01037 Assy, Valve w/ Offset Handle

ITEM	PART NUMBER	Vendor	Vendor PN	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0053581	Banjo Corp	V100FP	Valve, Full Port 1 x 1	1	
2	T0053582	Banjo Corp	V10153138	Valve Handle Offset, 2 x 1.375	1	

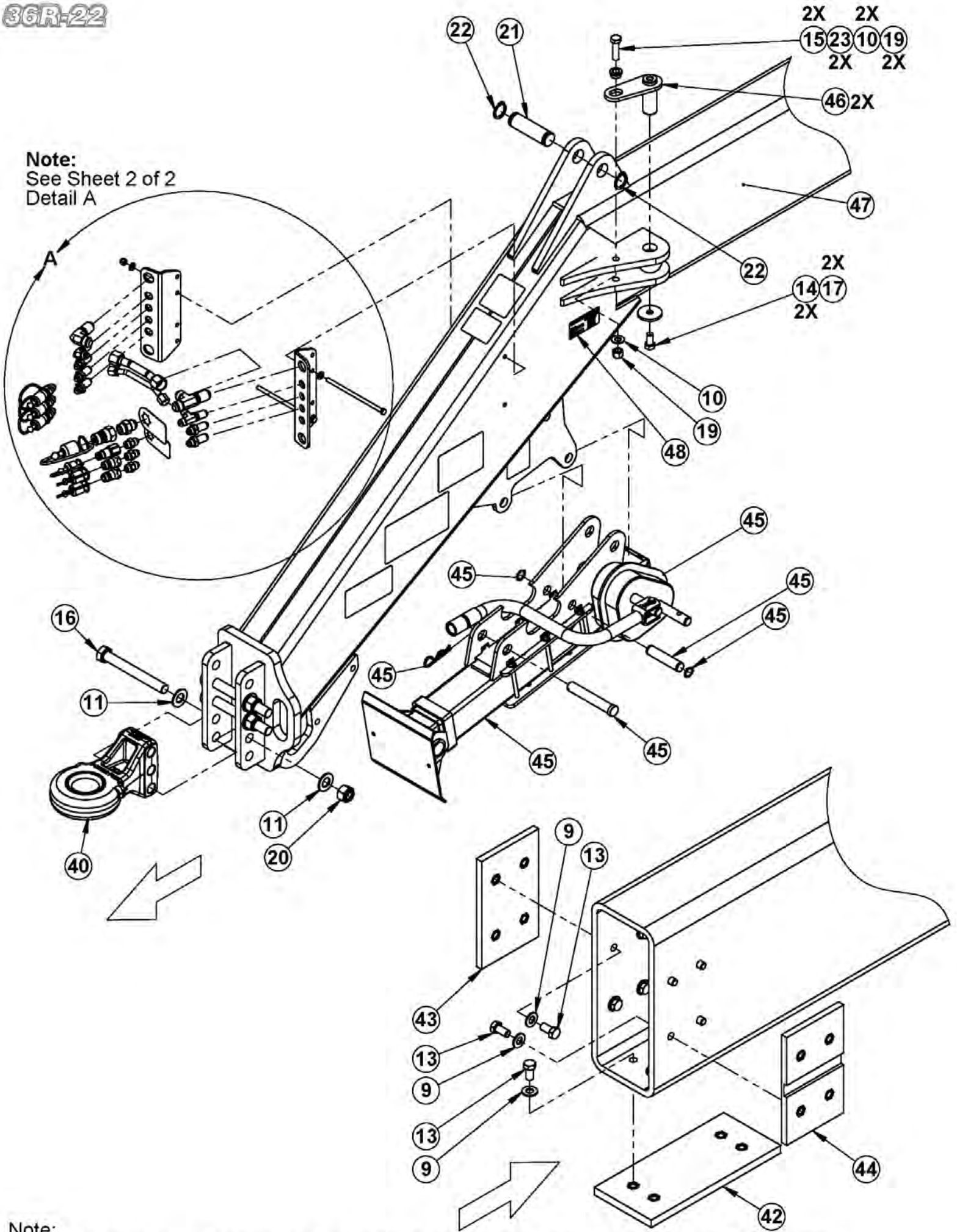
* Items with an asterisk are supplied with the equivalent item balloon number.



TA00833 Assy, Control Valve

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	AD-06MJ-08MB-90	ADAPTER 06MJ-08MB 90	2	
2	NLNUT-0.250-20Y8	Nut, Nylock 1/4-20-YZ8	2	
3	HB-0.250-20X2.75Y8	Bolt, Hex Hd 1/4-20X2-3/4 YZ8	2	
4	FW-SAE-0.250Y	Washer, SAE Flat 1/4-YZ	2	
5	419865A1	Valve, Control	1	

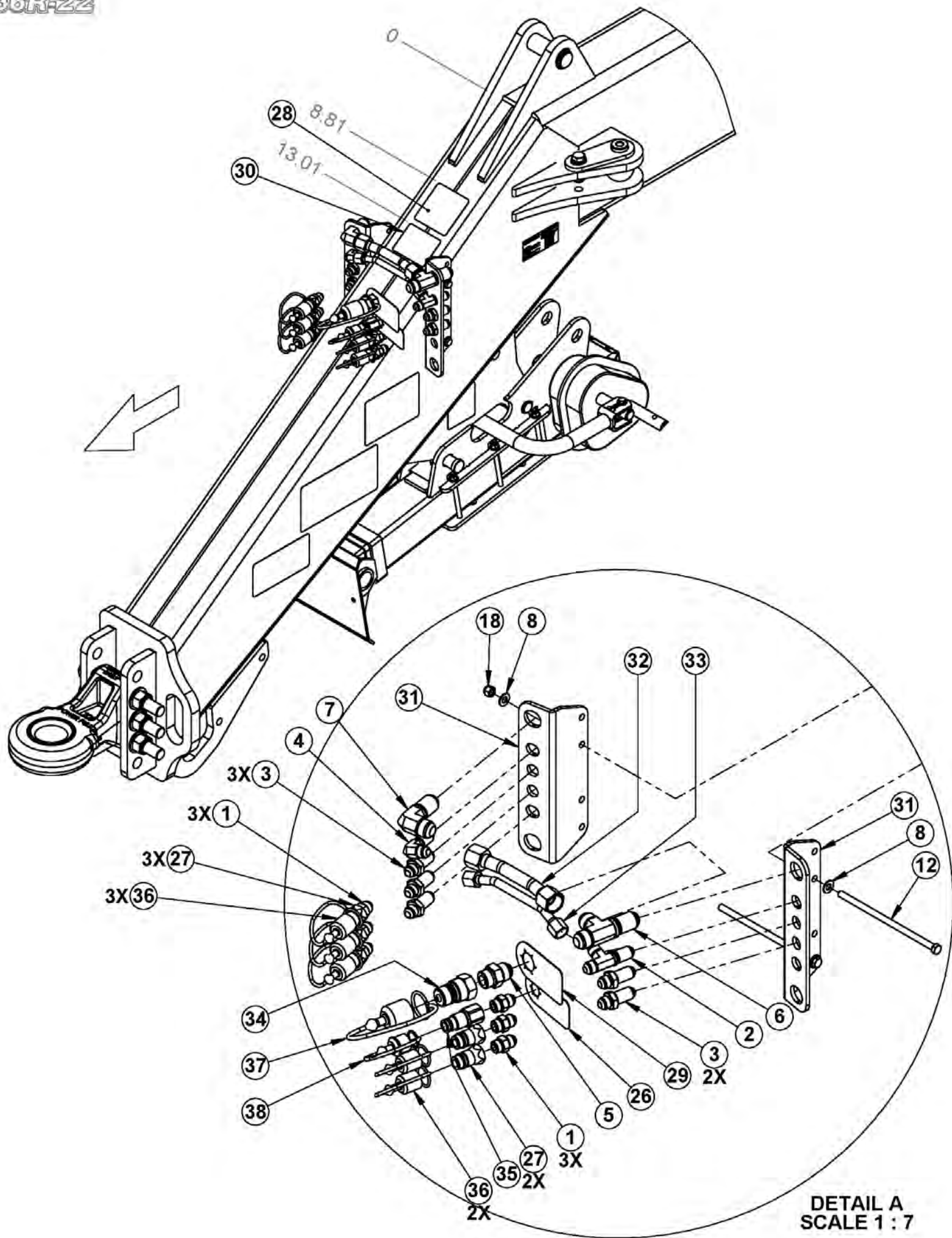
Note:
See Sheet 2 of 2
Detail A



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

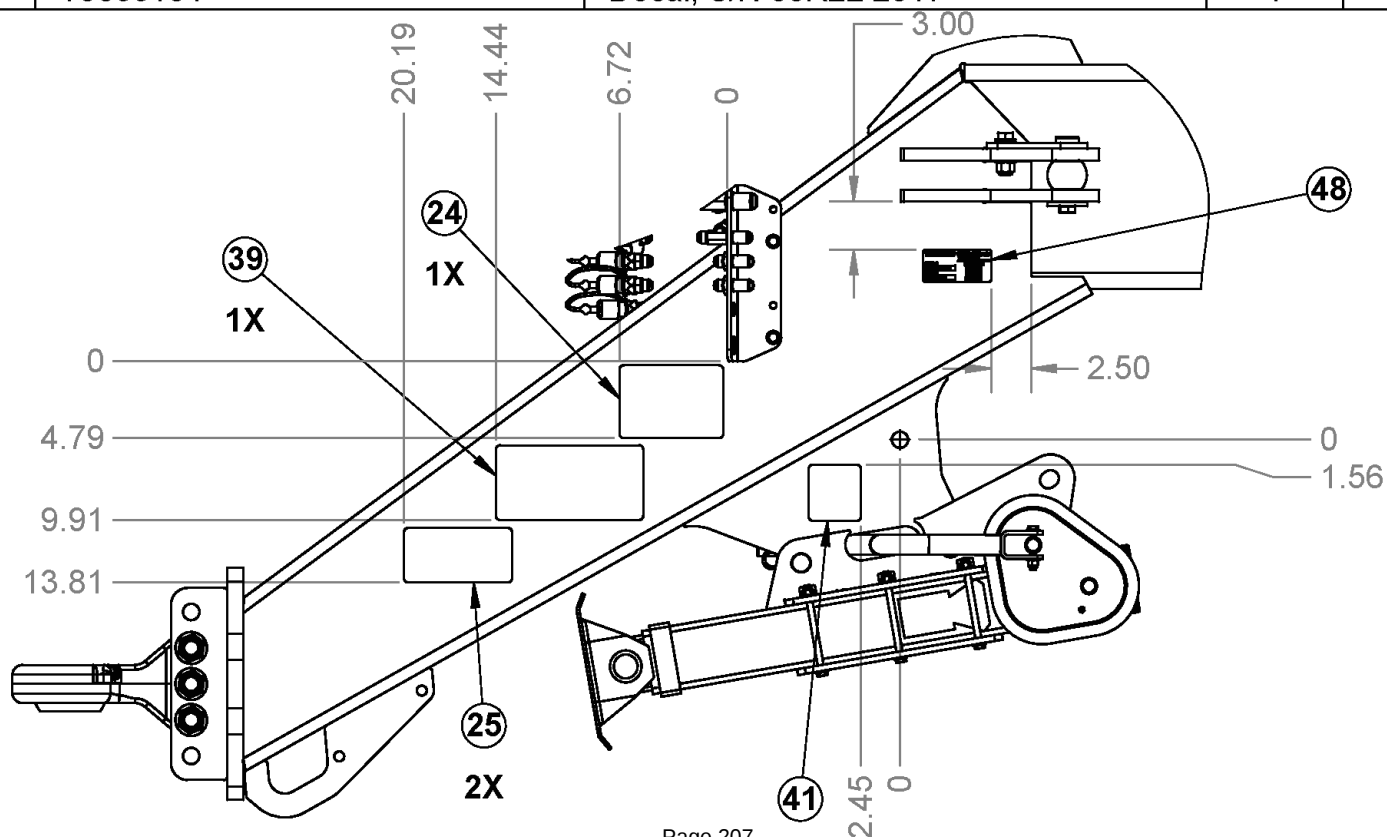
TA01142 Assy, 36R22 Front Hitch

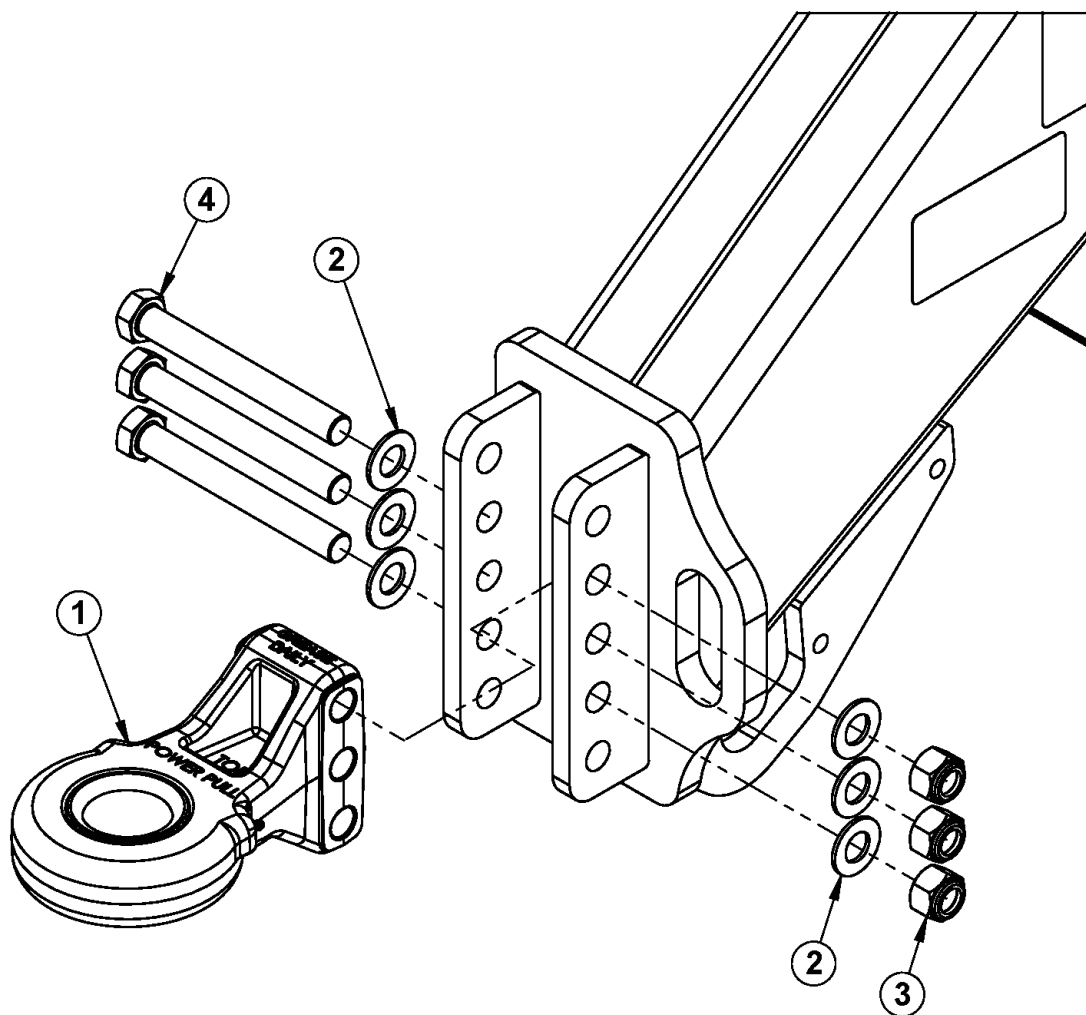
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	AD-08MJ-08MB	ADAPTER 08MJ-08MB	6	
2	AD-08MJ-08MJ-08MJ-BHR	ADAPTER 08MJT BH RUN	1	
3	AD-08MJ-08MJ-BH	ADAPTER 08MJ-08MJ BH	5	
4	AD-08MJ-08MJ-BH90	ADAPTER 08MJ-08MJ BH 90	1	
5	AD-12MJ-12MB	ADAPTER 12MJ-12MB	1	
6	AD-12MJ-12MJ-12MJ-BHR	ADAPTER 12MJT BH RUN	1	
7	AD-12MJ-12MJ-BH90	ADAPTER 12MJ-12MJ BH 90	1	
8	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	4	
9	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	12	
10	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	2	
11	FW-SAE-1.000Y	Washer, Flat SAE-1.0-YZ	6	
12	HB-0.375-16X8.00Y8	Bolt, Hex Head-3/8-16x8.0-YZ8	2	
13	HB-0.500-13X1.00Y8	Bolt, Hex Hd 1/2-13x1 YZ8	12	
14	HB-0.625-11X1.25Y8	Bolt, Hex Head-5/8-11x1.25-YZ8	2	
15	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	2	
16	HB-1.000-8X8.50Y8	Bolt, Hex Head-1.0-8x8.5-YZ8	3	
17	HDWSH-0.64X2.50Y	HD Washer 0.64 x 2.50	2	
18	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	2	
19	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	2	
20	NLNUT-1.000-8Y8	Nut, Nylock-1.0-8-YZ8	3	
21	PIN-1.50X4.50Y	Pin-1.50x4.50-YZ	1	
22	SRING-EXT-HD-1.50Y	SRING-EXT-HD-1.50Y	2	
23	T0050854	Anti Rotation Insert	2	
24	T0051573	Decal, Warning-Machine Safety	1	
25	T0051575	Decal, Warning-Tipping Hazard	2	
26	T0051595	Decal, Notice-Fan Motor Case	1	
27	T0051660	Tip, 1/2" Pioneer	5	
28	T0051669	Decal, Warning-Hyd Fluid	1	
29	T0051678	Decal, Notice-Motor Return	1	
30	T0051702	Decal, Important-Case Drain	1	
31	T0052002	Plate, Bulkhead	2	
32	T0052292	Tube Assy, Crossover	1	
33	T0052293	Tube Assy, Crossover	1	
34	T0052376	Tip, Motor Return w/Relief	1	
35	T0052377	Tip, Case Drain w/Relief	1	
36	T0052386	Dust Plug, Pioneer Black	5	
37	T0052387	Dust Cap, Motor Return Black	1	
38	T0052388	Dust Cap, Case Drain Black	1	
39	T0053462	Decal, Warning-Machine Transp	1	
40	T0053463	CAT 5 Ball Hitch Assy	1	
41	T0053639	Decal, 2-Speed Jack	1	
42	TA00800	Slider Assembly	1	
43	TA00801	Assy, Slider	1	
44	TA00843	Assy, Slider	1	
45	TA01000	Jack Assembly	1	
46	TW000630	Pin Weldment	2	
47	TW001088	Wldmt, 36R22 Front Hitch	1	
48	T0055104	Decal, S/N 36R22 2017	1	



TA01142 Assy, 36R22 Front Hitch

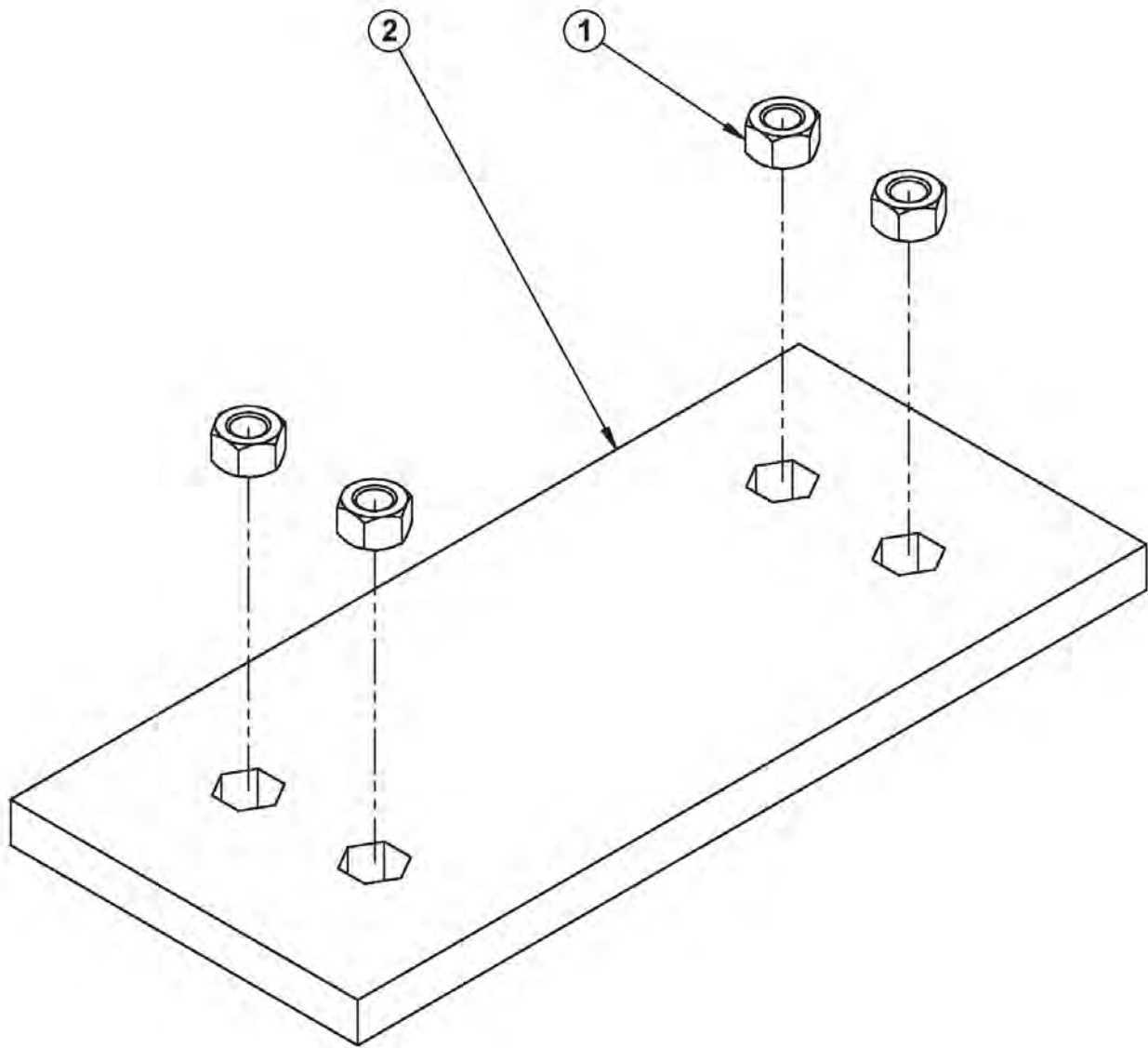
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	AD-08MJ-08MB	ADAPTER 08MJ-08MB	6	
2	AD-08MJ-08MJ-08MJ-BHR	ADAPTER 08MJT BH RUN	1	
3	AD-08MJ-08MJ-BH	ADAPTER 08MJ-08MJ BH	5	
4	AD-08MJ-08MJ-BH90	ADAPTER 08MJ-08MJ BH 90	1	
5	AD-12MJ-12MB	ADAPTER 12MJ-12MB	1	
6	AD-12MJ-12MJ-12MJ-BHR	ADAPTER 12MJT BH RUN	1	
7	AD-12MJ-12MJ-BH90	ADAPTER 12MJ-12MJ BH 90	1	
8	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	4	
12	HB-0.375-16X8.00Y8	Bolt, Hex Head-3/8-16x8.0-YZ8	2	
18	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	2	
24	T0051573	Decal, Warning-Machine Safety	1	
25	T0051575	Decal, Warning-Tipping Hazard	2	
26	T0051595	Decal, Notice-Fan Motor Case	1	
27	T0051660	Tip, 1/2" Pioneer	5	
28	T0051669	Decal, Warning-Hyd Fluid	1	
29	T0051678	Decal, Notice-Motor Return	1	
30	T0051702	Decal, Important-Case Drain	1	
31	T0052002	Plate, Bulkhead	2	
32	T0052292	Tube Assy, Crossover	1	
33	T0052293	Tube Assy, Crossover	1	
34	T0052376	Tip, Motor Return w/Relief	1	
35	T0052377	Tip, Case Drain w/Relief	1	
36	T0052386	Dust Plug, Pioneer Black	5	
37	T0052387	Dust Cap, Motor Return Black	1	
38	T0052388	Dust Cap, Case Drain Black	1	
39	T0053462	Decal, Warning-Machine Transp	1	
41	T0053639	Decal, 2-Speed Jack	1	
48	T0055104	Decal, S/N 36R22 2017	1	





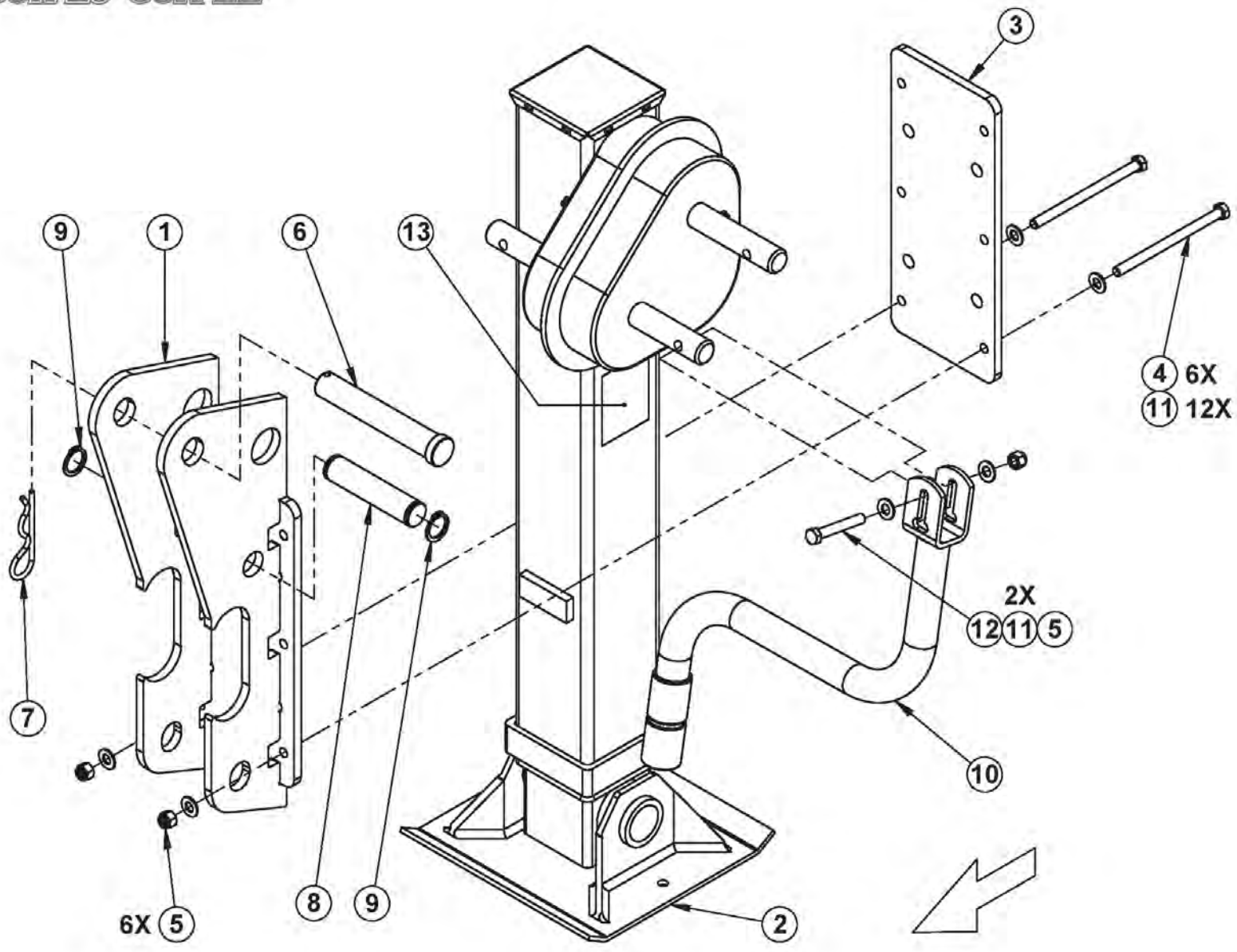
TA01142 Assy, 36R22 Front Hitch

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0053463	CAT 5 Ball Hitch Assy	1	
2	FW-SAE-1.000Y	Washer, Flat SAE-1.0-YZ	6	
3	NLNUT-1.000-8Y8	Nut, Nylock-1.0-8-YZ8	3	
4	HB-1.000-8X8.50Y8	Bolt, Hex Head-1.0-8x8.5-YZ8	3	
53	T0055104	Decal, S/N 36R22 2017	1	



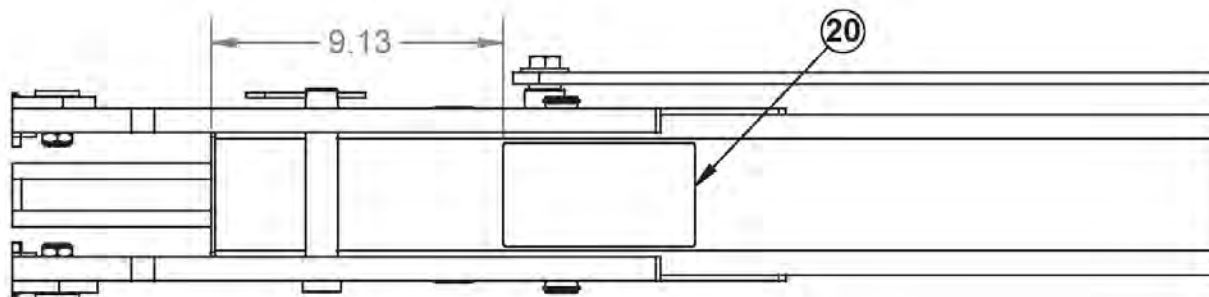
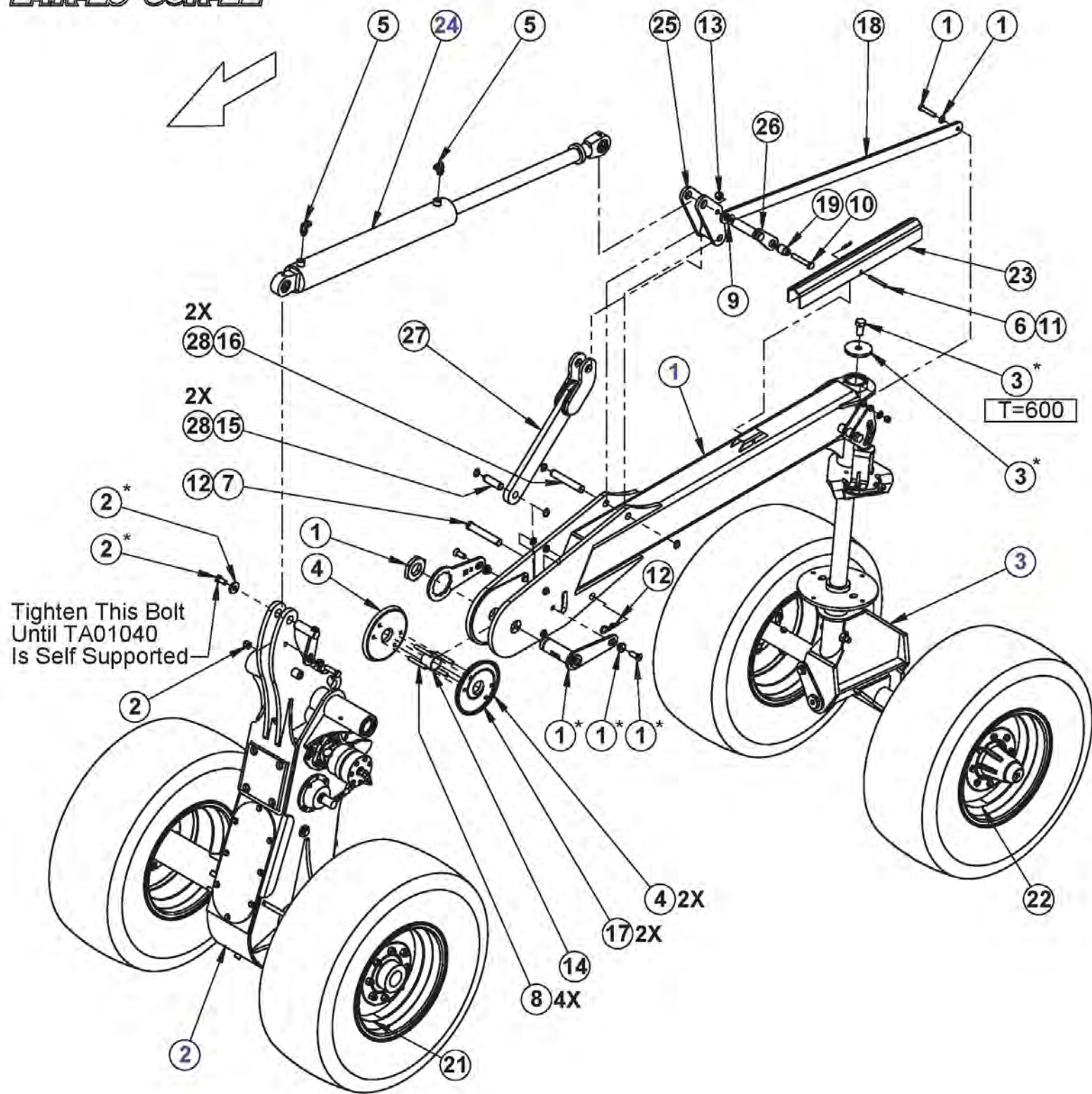
TA00800 Slider Assembly

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	



TA01000 Jack Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW000935	Bracket, Jack Mount	1	
2	TW000940	Jack Weldment	1	
3	T0053314	Plate, Jack Mount	1	
4	HB-0.375-16X5.50Y8	HBolt-0.3750-16x5.500-YZ8	6	
5	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	7	
6	CLPIN-1.000X6.00Y	Clevis Pin, Ø1" X 6" YZ	1	
7	HPINCLIP-1.000Y	Hair Pin Clip-Ø1.0000" YZ	1	
8	PIN-1.000X4.13Y	PIN-1.000X4.13Y	1	
9	SRING-EXT-HD-1.00Y	SRING-EXT-HD-1.00Y	2	
10	T0054234	Jack Handle, Black	1	
11	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	14	
12	HB-0.375-16X2.50Y8	Bolt, Hex Hd 3/8-16x2-1/2-YZ8	1	
13	T0053640	Decal, Max Cap 12500 Not Cut	1	

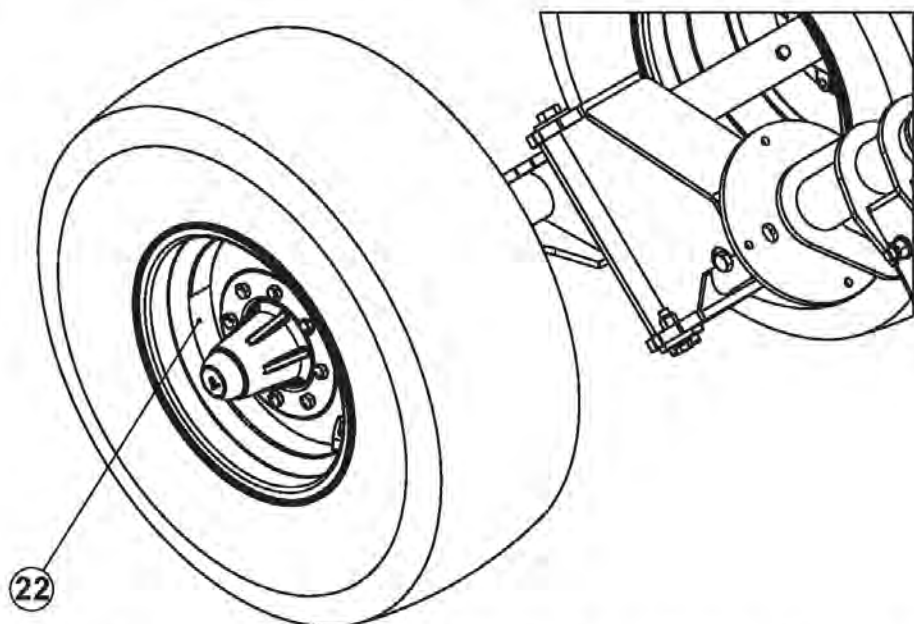


TA01376 Wing Wheel Assy

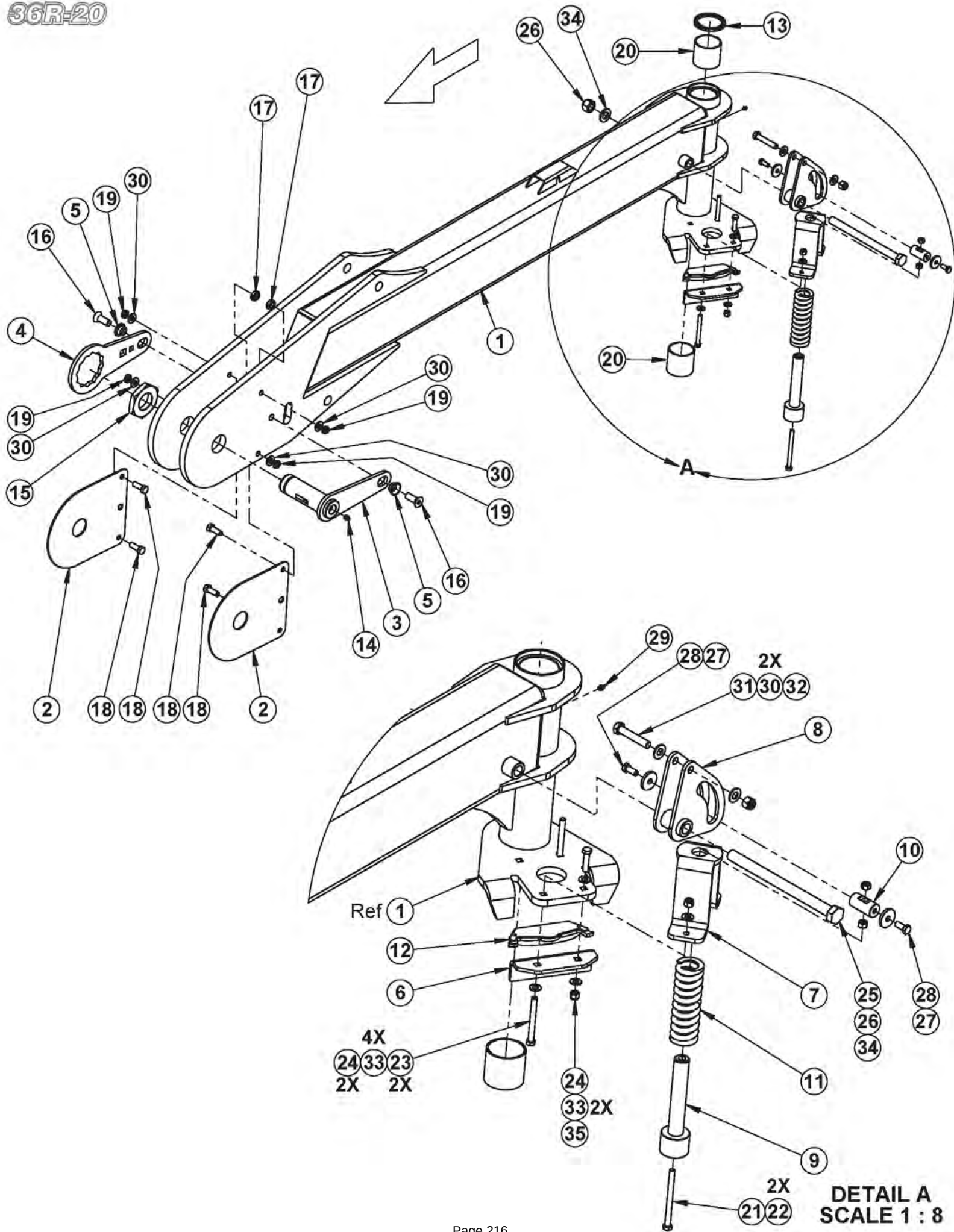
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TA01291	Rear Caster Arm Assy	1	
2	TA01374	Assy, Wing Wheel Drive	1	
3	TA01375	Rear Caster Wheel Assembly	1	600
4	433478A1	Seal, Rubber	2	
5	AD-08MJ-08MB-90	ADAPTER 08MJ-08MB 90	2	
6	CLPIN-0.375X3.25Y	Clevis Pin, Ø3/8" X 3-1/4 YZ	1	
7	CLPIN-1.000X6.00Y	Clevis Pin, Ø1" X 6" YZ	1	
8	DPIN-0.500X3.500C	Dowell Pin, Ø1/2"x3-1/2	4	
9	FW-USS-0.563Y	Washer, Flat USS 9/16"-YZ	1	
10	HB-0.625-11X3.50Y8	Bolt, Hex Hd-5/8-11x3-1/2-YZ8	1	
11	HPINCLIP-0.313 YZ	Hair Pin Clip-Ø5/16" YZ	1	
12	HPINCLIP-1.000Y	Hair Pin Clip-Ø1.0000" YZ	1	
13	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	1	
14	PB-2.000X2.25X2.00	Polylube Bush, Ø2.00xØ2.25x2.00	1	
15	PIN-1.000X2.88Y	PIN-1.000X2.88Y	1	
16	PIN-1.000X5.75Y	Pin-1.0000x5.750-YZ	1	
17	T0051869	Plate, Grease Friction	2	
18	T0053694	Link, Brake Release	1	
19	T0053703	Standoff, Brake Link	1	
20	T0053939	Decal, Warn Crsh Wng Whl Set	1	
21	T0055226	Decal, 20 psi & 175 Lug Torque	2	
22	T0054284	Decal, 20 psi & 140 Lug Torque	2	
23	T0054600	Channel - Wing Cylinder Stop	1	
24	TA01182	Cylinder, Hyd 3.75X26.75 Reph	1	
25	TW000903	Wdmt, Link	1	
26	TW000905	Pin Weldment	1	
27	TW000919	Wdmt, Dogbone Link	1	
28	SRING-EXT-HD-1.00Y	SRING-EXT-HD-1.00Y	4	

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: Install decal as shown on wheel rims facing outwards 4 places.

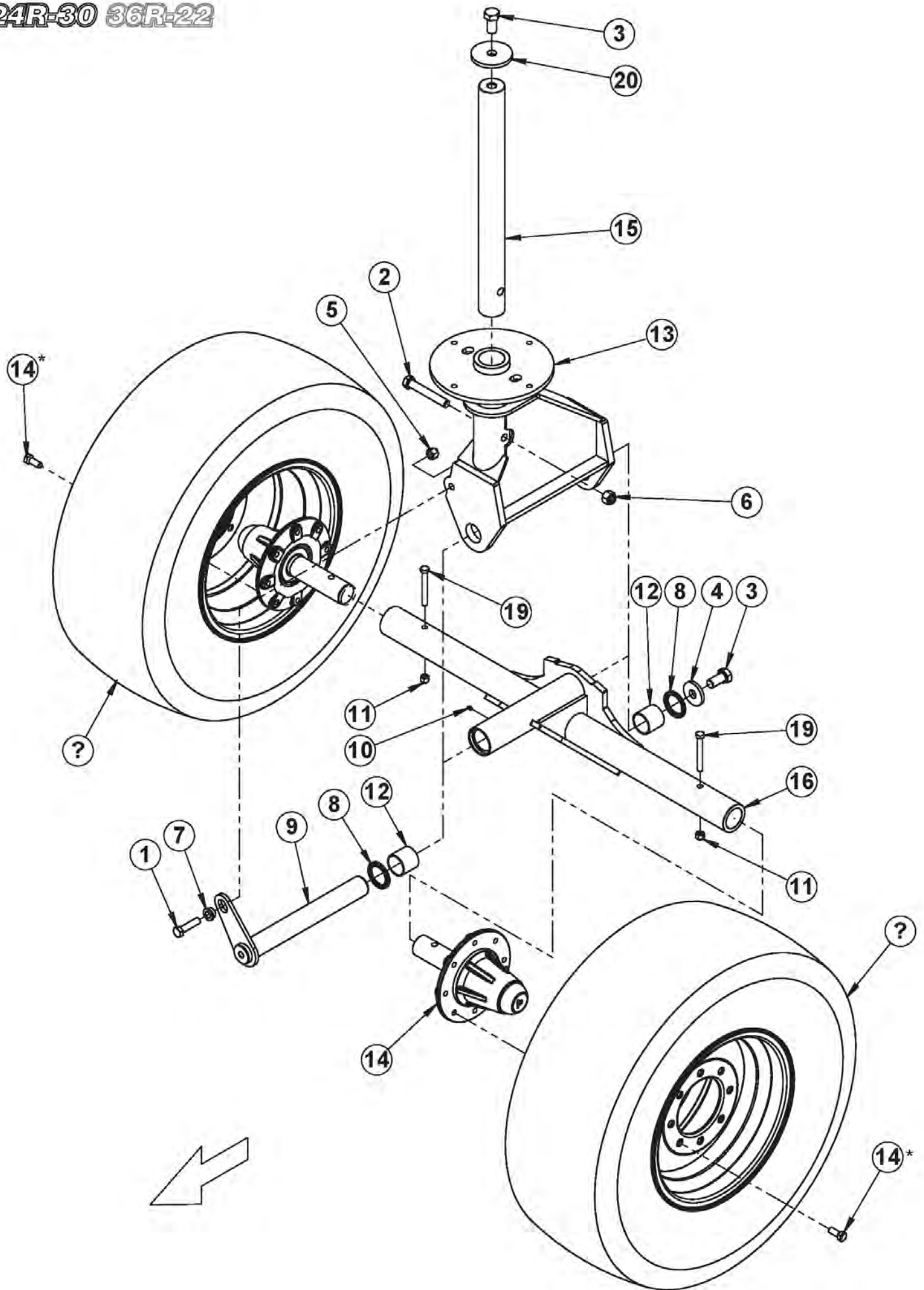


TA01291 Rear Caster Arm Assy

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TW000978	Wldmt, Rear Wing Wheel Arm	1	
2	T0051868	Plate, Friction Wear	2	
3	TW001201	Pin Weldment	1	
4	T0054628	Plate, Locking 12Pt	1	
5	T0054627	Anti Rotation Insert	2	
6	T0053697	Bracket, Brake Pad Retainer	1	
7	T0053696	Bracket, Spring Retainer	1	
8	TW000986	Wldmt, Spring Release	1	
9	T0053701	Piston	1	
10	T0053700	Anchor	1	
11	T0053702	Spring, Compression	1	
12	T0053706	Brake Pad Piston Side	1	
13	T0051584	2.50 Grease Seal	1	
14	ZERK-0.125-27-NPT	Zerk,-1/8-27-NPT	1	
15	JNUT-2.0-12x.60Y5	JNut-2.0000-12 x .60-YZ8	1	
16	FHSCS-0.625-11X1.75Y8	FHSHCS 5/8-11x1-3/4-YZ	2	
17	NLJNUT-0.625-11Y8	Nut, Nylock Jam-5/8-11-YZ8	2	
18	HB-0.500-13X1.38Y8	Bolt, Hex Hd 1/2-13x1-3/8 YZ8	4	
19	NLJNUT-0.500-13Y8	Nut, Nylock Jam 1/2-13 YZ8	4	
20	PB-2.500X2.75X2.50	Bush, Polygon 2.500x2.75x2.50	2	
21	HBFT-0.375-16X4.50Y8	HBolt-0.3750-16x4.500-YZ8	1	
22	HNUT-0.375-16Y8	Nut, Hex 3/8-16 YZ8	2	
23	HBFT-0.375-16X3.50Y8	Bolt, Hex Hd 3/8-16x3-1/2FTYZ8	2	
24	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	3	
25	HB-0.750-10X10.00Y8	Bolt, Hex Hd-3/4-10x10-YZ8	1	
26	NLNUT-0.750-10Y8	Nut, Nylock 3/4-10-YZ8	1	
27	HDWSH-0.375X1.375Y	HD Washer 0.375 x 1.375	2	
28	HB-0.375-16X0.88Y8	Bolt, Hex Hd 3/8-16x7/8-YZ8	2	
29	ZERK-0.250-28	Zerk, 1/4-28	1	
30	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	6	
31	HB-0.500-13X2.75Y8	Bolt, Hex Hd 1/2-13x2-3/4 YZ8	1	
32	NLNUT-0.500-13Y8	Nut, Nylock 1/2-13 YZ8	1	
33	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	6	
34	FW-SAE-0.750Y	Washer, Flat-SAE 3/4 YZ	1	
35	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	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.



TA01375 Rear Caster Wheel Assembly

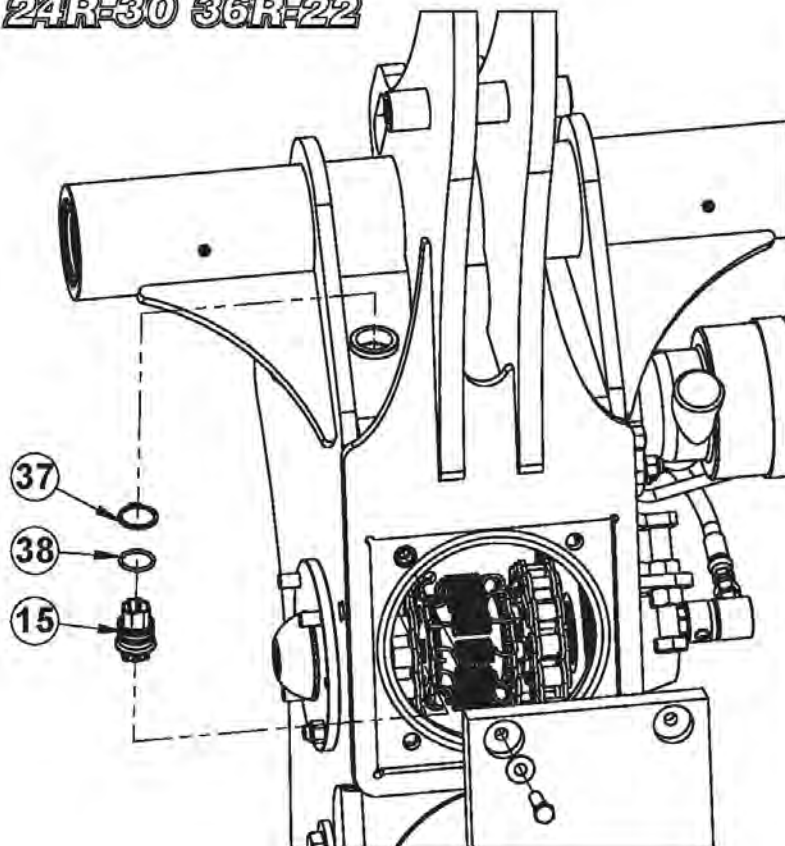
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	1	
2	HB-0.750-10X5.00Y8	Bolt, Hex Hd 3/4-10x5-YZ8	1	
3	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	2	
4	HDWSH-0.89X2.50Y	HD Washer 0.89 x 2.50	1	
5	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	1	
6	NLNUT-0.750-10Y8	Nut, Nylock 3/4-10-YZ8	1	
7	T0050854	Anti Rotation Insert	1	
8	T0051585	2.00 Grease Seal	2	
9	TW000794	Pin Weldment	1	
10	ZERK-0.250-28	Zerk, 1/4-28	1	
11	NLNUT-0.500-13Y8	Nut, Nylock 1/2-13 YZ8	2	
12	PB-2.000X2.25X2.00	Polylube Bush, Ø2.00xØ2.25x2.00	2	
13	TW000979	Wldmt, Rear Caster	1	
14	TA01205	Assy, 8 Bolt Hub & Spindle	2	
15	T0053628	Caster Shaft	1	
16	TW001228	Wldmt, Rear Caster Axle	1	
17	TA01372	Wheel Assy	1	
18	TA01371	Wheel Assy	1	
19	HB-0.500-13X4.00Y8	Bolt, Hex Hd 1/2-13x4 YZ8	2	
20	HDWSH-0.89X4.00Y	HD Washer .875 x 4.0	1	

TA01374 Assy, Wing Wheel Drive

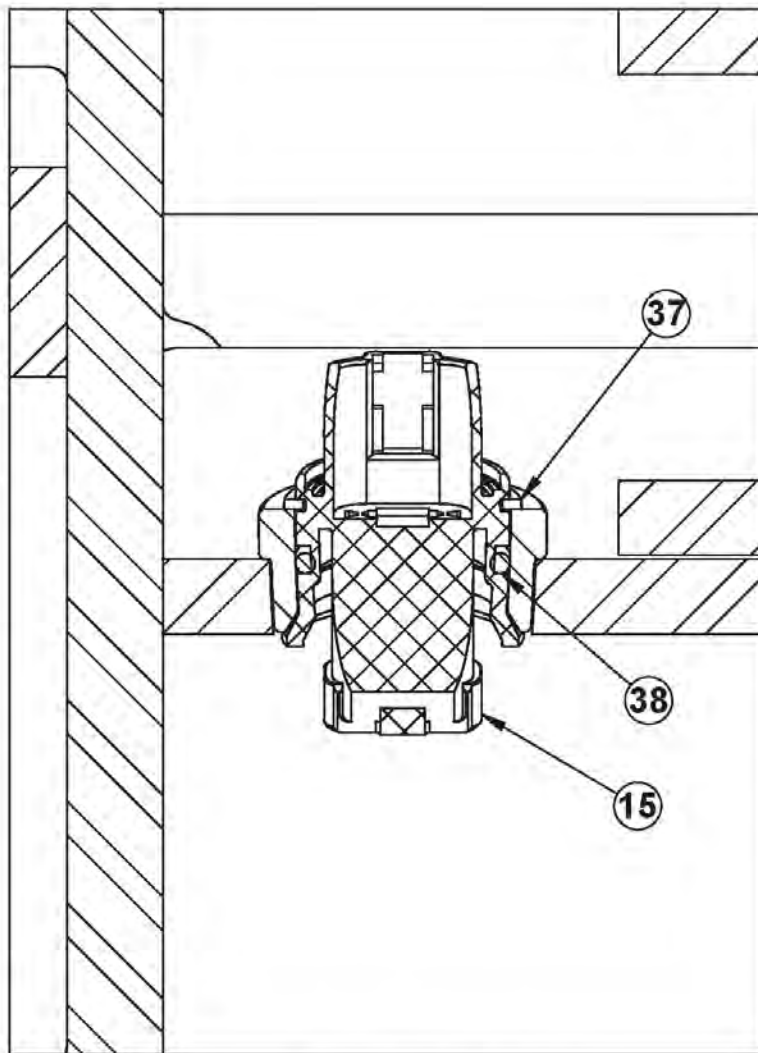
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
2	FLTLN-0.438-20C8	Nut, TL Hex Flange 7/16-20 CZ8	5	80
3	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	12	
4	FW-USS-0.375YTH	Washer, FI 3/8 USS Th-Hrd YZ	5	
6	HB-0.625-11X1.25Y8	Bolt, Hex Head-5/8-11x1.25-YZ8	3	
7	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
9	HDWSH-0.64X1.75Y	HD Washer 0.64 x 1.75	3	
11	HS04-009-06FJ-06FJ90-A	Hose 0.25-009-06FJX-06FJX90-A (D6)	1	
12	HSPLUG-0.375-NPTFC	Plug, Hex Skt 3/8-18 NPTF CZ	2	
13	NLNUT-0.438-20Y8	NLNut-7/16-20-YZ8	8	
14	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	1	
16	ORING-1.250X.125	O-Ring, Ø1-1/4OD X Ø1/8	2	
17	ORING-7.375X.188-N	O-Ring, Ø7.38ODxØ.188 Nitrile	1	
18	PB-2.000X2.25X2.00	Polylube Bush, Ø2.00xØ2.25x2.00	2	
19	RN-0.375-16-.31-.44-Y	Rivnut, 3/8-16 UNC .31-.44 GR	12	
21	T0050854	Anti Rotation Insert	1	
22	T0051585	2.00 Grease Seal	2	
23	T0053142	Ball Bearing, 65mm	4	
24	T0053144	Bushing, Tensioner Pivot	1	
25	T0053269	Face Seal	2	
26	T0053270	Seal	2	
27	T0053552	Slider Block	1	
28	T0053553	Bushing, Tensioner Pivot	1	
29	T0053634	Cover	1	
30	T0053925	#50 Roller Chain 56P	1	
31	T0054278	72 Pitches 80 Pitch Chain	2	
32	T0054282	Drive Wheel Spacer	2	
34	T0054317	Adapter, 06MB-06FB-90 Swivel	1	
35	T0055821	Sprocket, 45T #80 Machined	2	
36	TA00761	Wheel Assy (36R-20 Models)(Not Shown)	1	
37	TA01089	Tensioner, Wheel Drive	2	
38	TA01115	Motor Drive Assy	1	
39	TA01179	Wheel Assy (36R-20 Models)(Not Shown)	1	
40	TA01920	Assy, 22/30 Wing Wheel Hub	2	
41	TA01371	Wheel Assy	1	
42	TA01372	Wheel Assy	1	
43	TA01388	Assy, Diff Lock Shaft	1	
44	TW001106	Pin Weldment	1	
45	TW001227	Wldmt, 22/30 Front Wing Wheel	1	
46	WS-0.438-20X1.5C8	Stud, Wheel 7/16-20x1.5 CZ	13	
47	ZERK-0.250-28	Zerk, 1/4-28	2	
48	AD-06MJ-06MB	ADAPTER 06MJ-06MB	1	
49	T0055980	Washer, 3 Bolt Drive Axle	2	
50	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	6	

Notes:

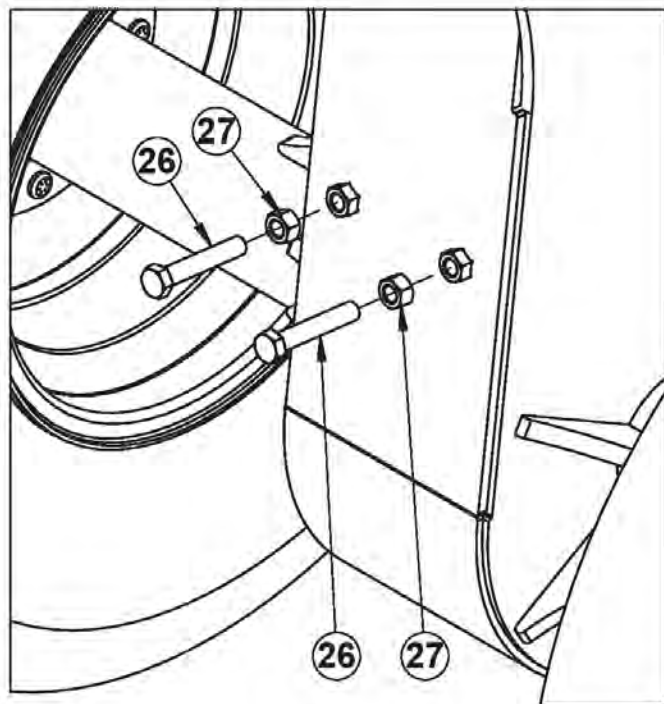
1. See exploded assembly TA01388 for assembly procedure.
2. TL = Apply Threadlocker Loctite 242 or Equivalent
3. T = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
4. * Items marked with an asterisk are items that are included in that particular part or assembly.



1. Assemble item # 43 to item item # 17.
2. Then assemble to the bung hole from the inside.
3. Assemble item # 42 from the outside.

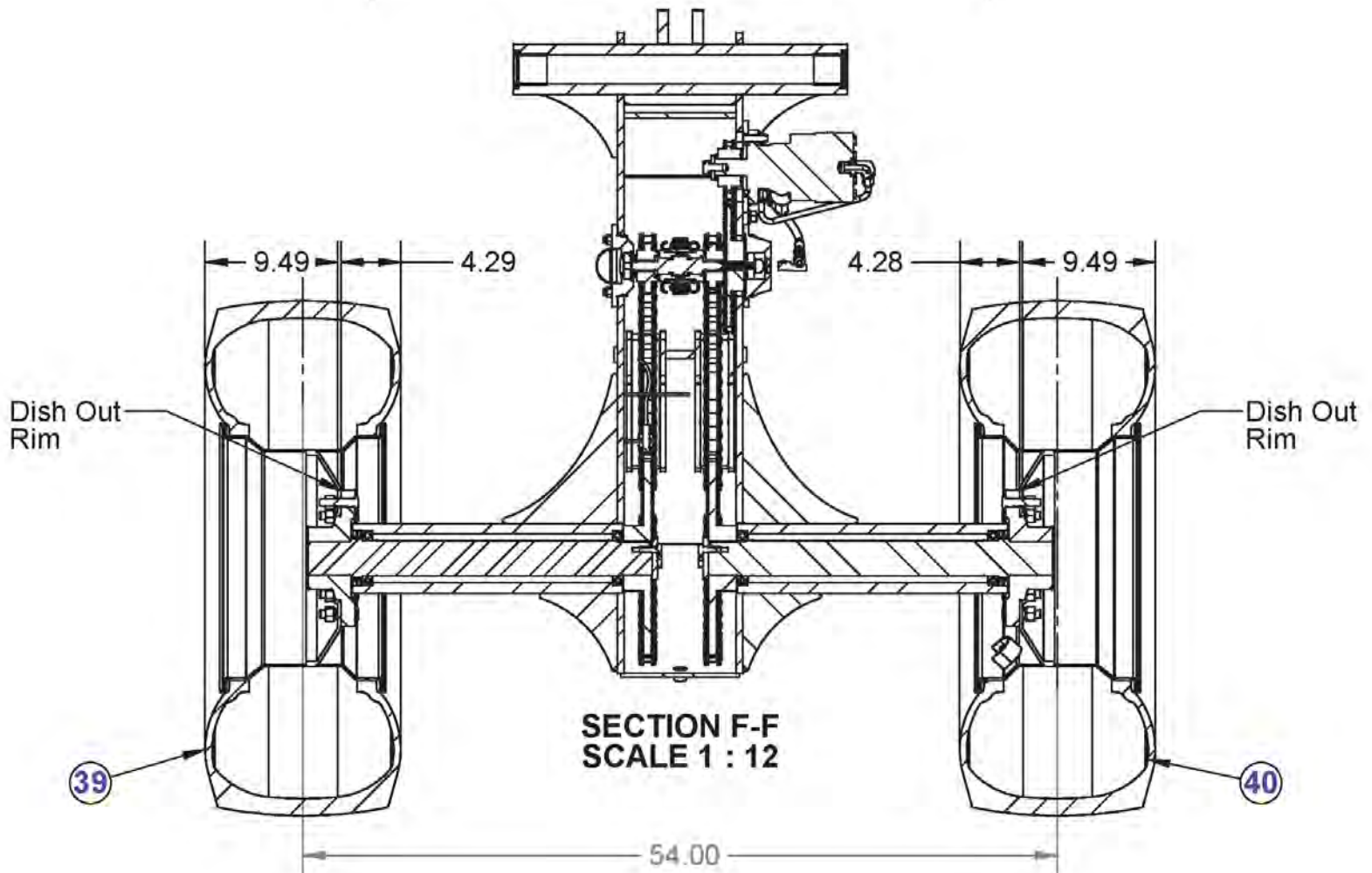
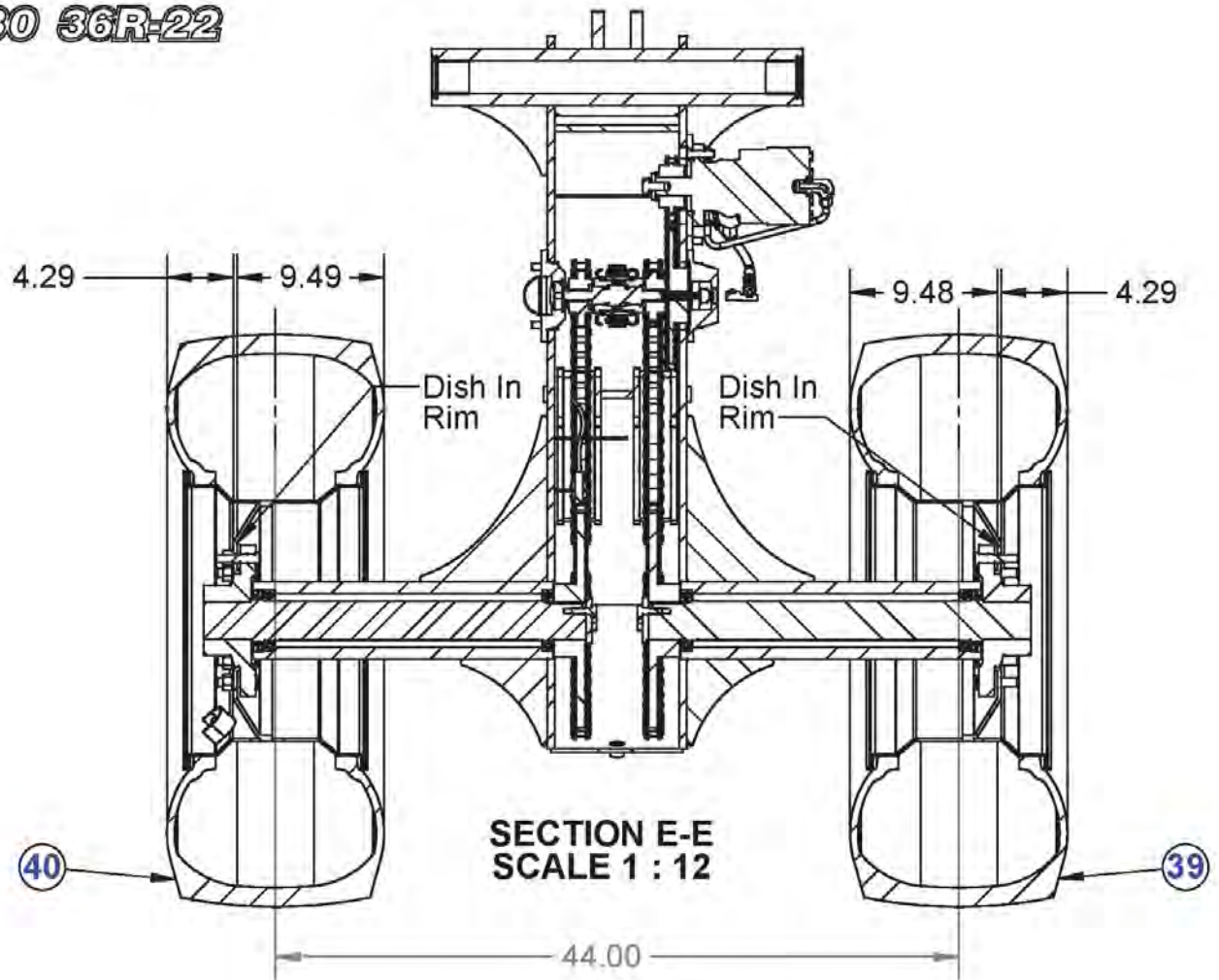


Assembled View



TA01374 Assy, Wing Wheel Drive

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
15	T0054293	Harness, Wheel Drive	1	
26	HBFT-0.625-11X3.50Y8	HBolt-0.6250-11x3.500-FT-YZ8	3	
27	HNUT-0.625-11Y8	Nut, Hex 5/8-11 YZ8	3	
37	SRING-EXT-1.13Y	Ring, Retaining Ext-1.125"	1	
38	ORING-1.130X.103	O-Ring, Ø1.130OD X Ø.103	1	
48	AD-06MJ-06MB	ADAPTER 06MJ-06MB	1	
49	T0055980	Washer, 3 Bolt Drive Axle	2	
50	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	6	

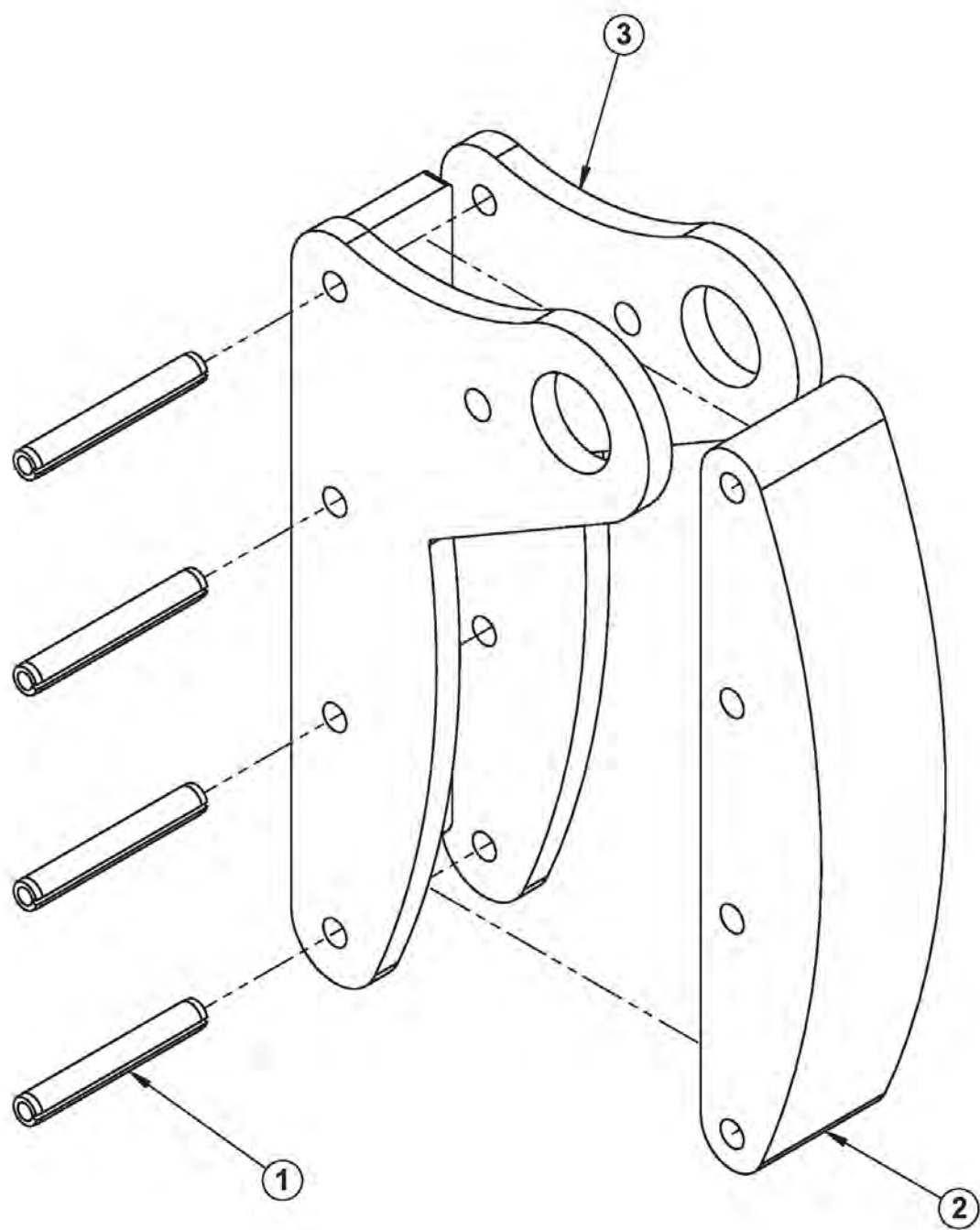


TA01374 Assy, Wing Wheel Drive (22" Row Spacing 36R-22)

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
39	TA01371	Wheel Assy	1	
40	TA01372	Wheel Assy	1	
46	AD-06MJ-06MB	ADAPTER 06MJ-06MB	1	
47	T0055980	Washer, 3 Bolt Drive Axle	2	
48	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	6	

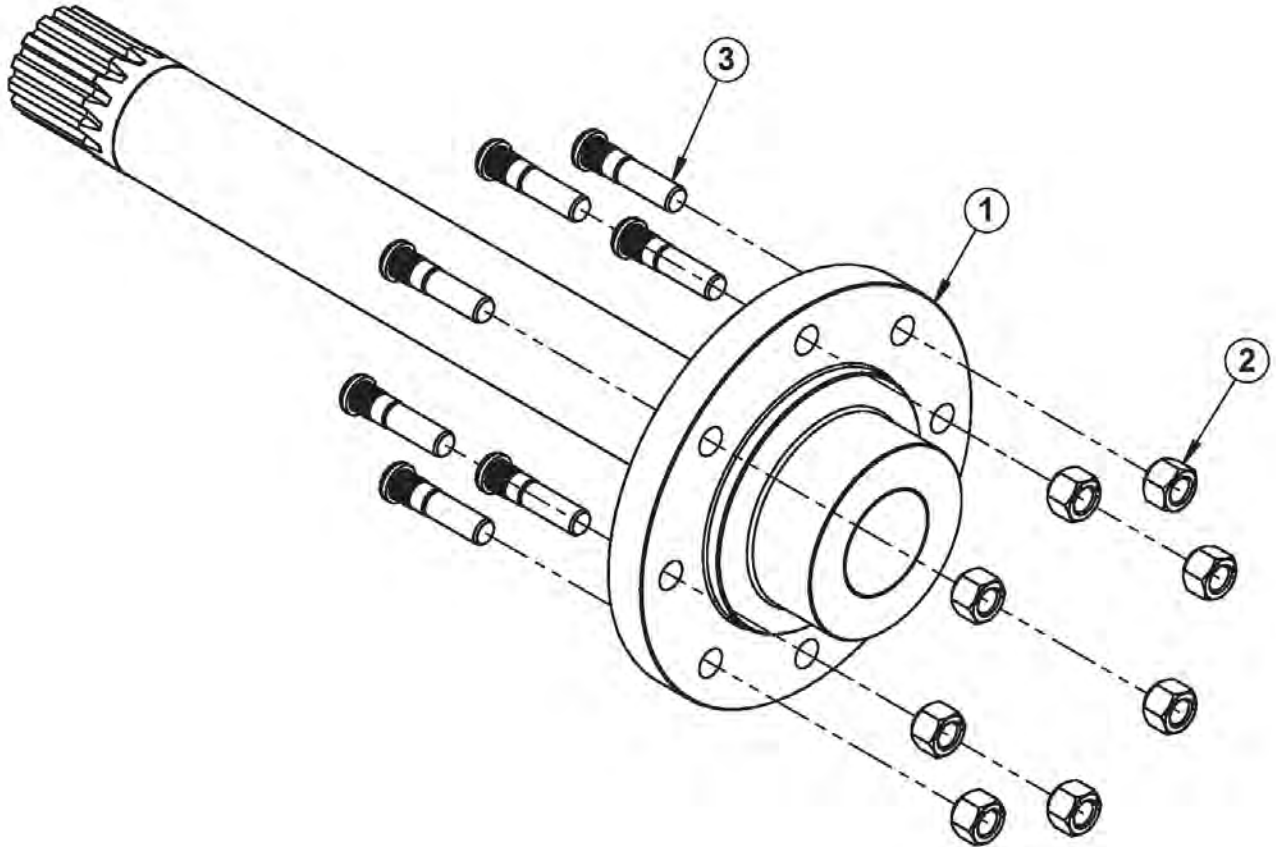
TA01374 Assy, Wing Wheel Drive (30" Row Spacing 24R-30)

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
39	TA01371	Wheel Assy	1	
40	TA01372	Wheel Assy	1	
46	AD-06MJ-06MB	ADAPTER 06MJ-06MB	1	
47	T0055980	Washer, 3 Bolt Drive Axle	2	
48	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	6	



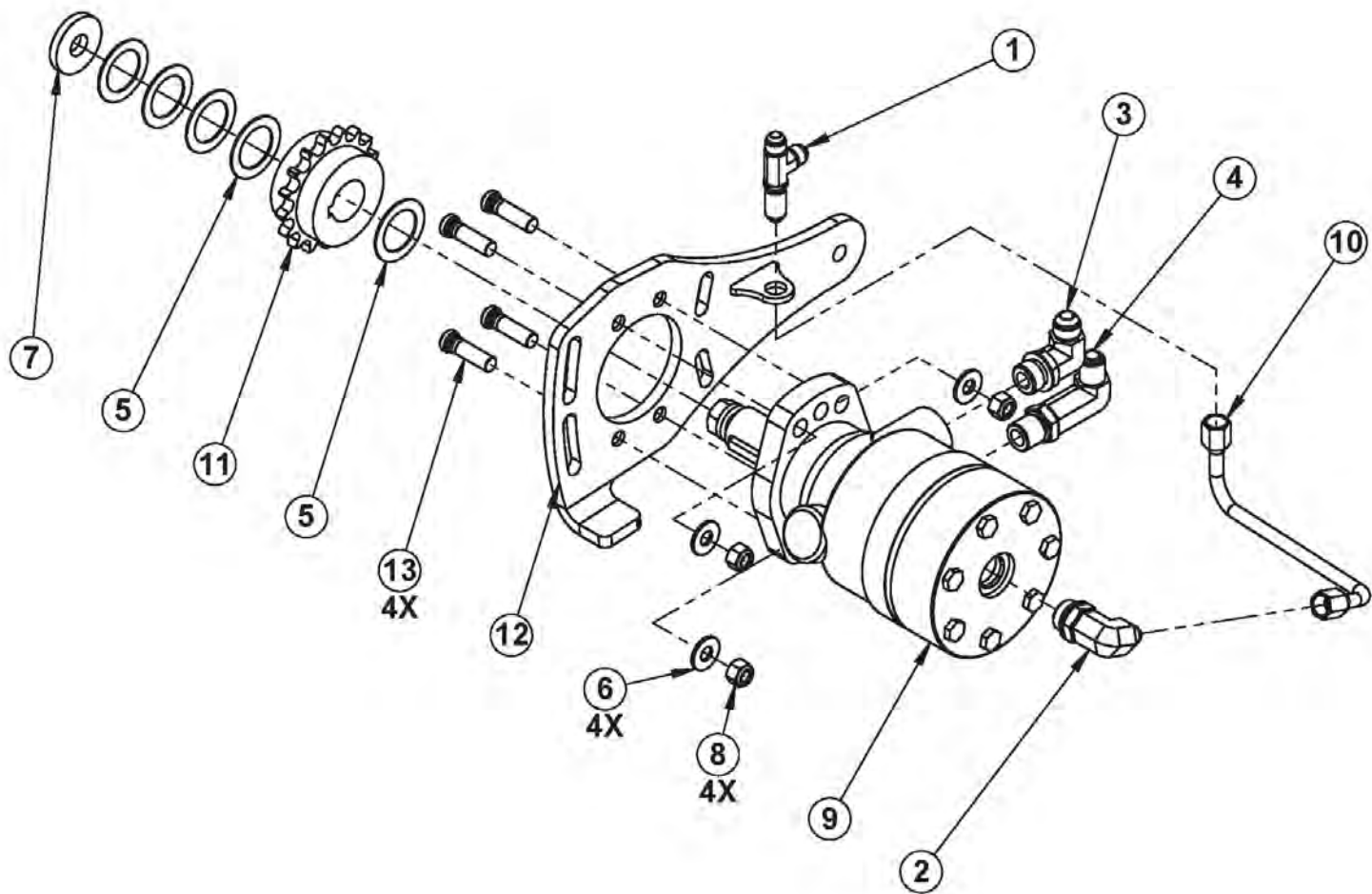
TA01089 Tensioner, Wheel Drive

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	



TA01920 Assy, 22/30 Wing Wheel Hub

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW001461	Axle, 22/30 Wing Wheel	1	
2	WHNUT-0.625-18C8	Nut, Wheel 5/8-18 Gr8 CZ	8	
3	WS-0.625-18X2.50C8	Stud, Wheel 5/8-18 Gr8 CZ	8	

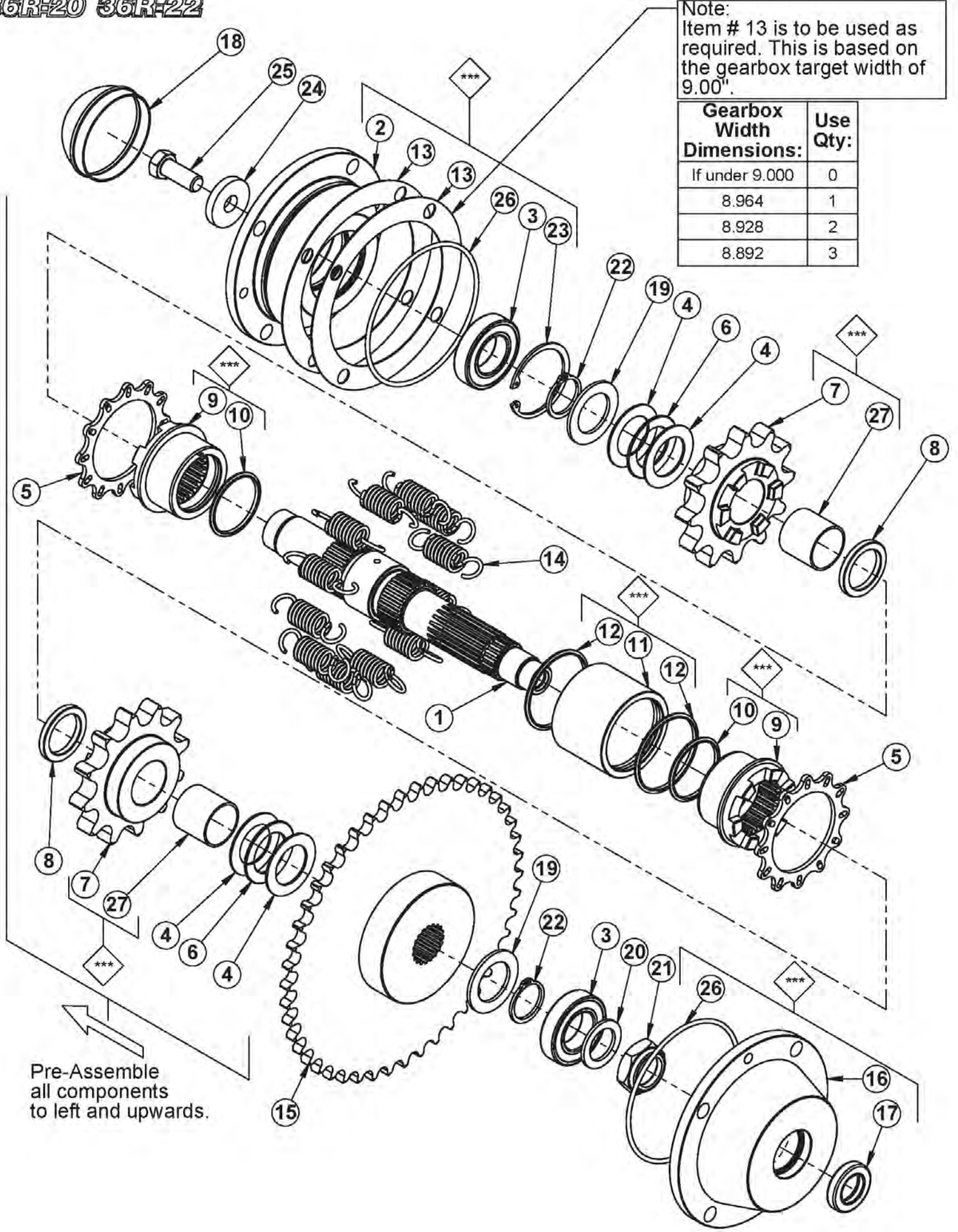


TA01115 Motor Drive Assy

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	AD-06MJ-06MJ-06MJ-BHR	ADAPTER 06MJT BH RUN	1	
2	AD-06MJ-10MB-90	ADAPTER 06MJ-10MB 90	1	
3	AD-08MJ-10MB-90	ADAPTER 08MJ-10MB 90	1	
4	AD-08MJ-10MB-90LL	ADAPTER 08MJ-10MB 90LL	1	
5	FW-MB-1.250Y-18GA	Washer, Flat MB 1.250 18GA YZ	5	
6	FW-USS-0.375YTH	Washer, FI 3/8 USS Th-Hrd YZ	4	
7	HDWSH-0.64X1.75Y	HD Washer 0.64 x 1.75	1	
8	NLNUT-0.438-20Y8	NLNut-7/16-20-YZ8	4	
9	T0053927	Motor, Wheel Drive 260cc	1	
10	T0054357	Tube Assy, Wing Wheel	1	
11	T0055820	Sprocket, 17T #50 Machined	1	
12	TW001121	Wldmt, Motor Mount	1	
13	WS-0.438-20X1.5C8	Stud, Wheel 7/16-20x1.5 CZ	4	

Note:
Item # 13 is to be used as
required. This is based on
the gearbox target width of
9.00".

Gearbox Width Dimensions:	Use Qty:
If under 9.000	0
8.964	1
8.928	2
8.892	3

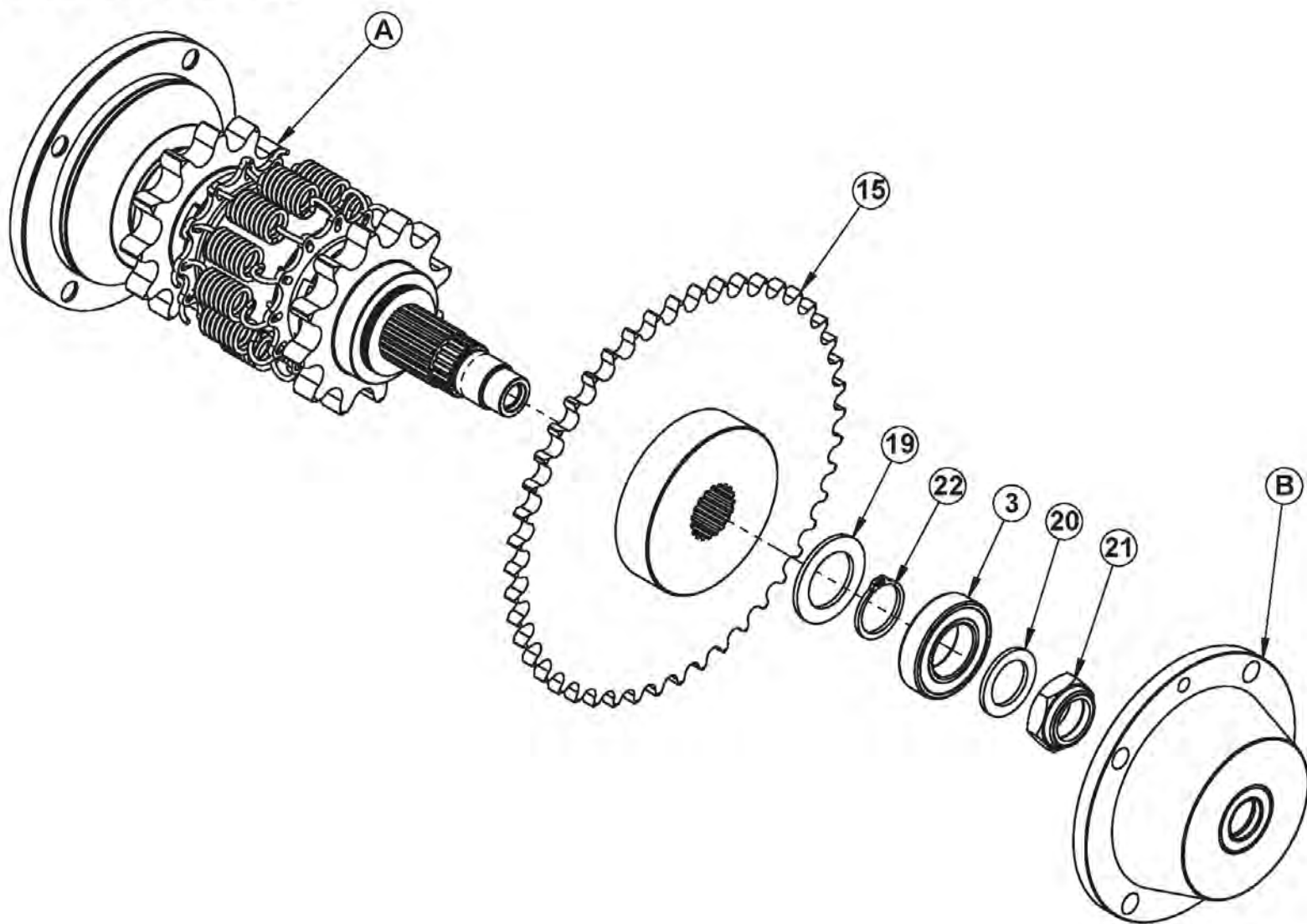


TA01388 Assy, Diff Lock Shaft (Sheet 1 of 2)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0054982	Shaft, Diff Lock	1	
2	T0054267	Cover, Wing Whl Shaft	1	
3	T0053561	Brg, Ball 30mm Deep Groove	2	
4	T0054272	Thrust Washer	4	
5	T0054265	Spring Retainer	2	
6	T0054274	Needle Thrust Bearing	2	
7	T0054256	12 Tooth 80 Chain Sprocket	2	
8	T0054281	Spacer, 1.72" OD X .200"	2	
9	T0054254	Shaft Collar Splined	2	
10	T0054276	Seal Kit - 1.75 Diameter	2	
11	T0054266	Sleeve	1	
12	T0054277	Seal Kit - 2.25 Diameter	2	
13	T0054273	Shim	2	
14	T0054275	Spring, Extension	12	
15	T0053758	Sprocket, 46T #50 Splined	1	
16	T0054985	Cover, Wing Wheel	1	
17	T0054983	Seal	1	
18	T0051973	Ag Dust Cap	1	
19	T0054439	Spacer	2	
20	T0054984	Washer	1	
21	NLJNUT-1.000-14Y8	Nut, Nylock Jam 1-14 YZ8	1	
22	SRING-EXT-HD-1.188Y	SRING-EXT-HD-1.188Y	2	
23	SRING-INT-M55	Snap Ring M55	1	
24	HDWSH-0.50X1.50	HD Washer 0.50 x 1.50	1	
25	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	1	
26	ORING-4.500X.125	O-Ring, Ø4.50 OD X Ø.125	2	
27	PB-1.250X1.38X1.25	Bush, Polygon 1.25x1.375x1.25	2	

Notes:

1. *** Pre-Assemble these components.



Pre-Assembly before insertion

TA01388 Assy, Diff Lock Shaft (Sheet 2 of 2)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0054982	Shaft, Diff Lock	1	
2	T0054267	Cover, Wing Whl Shaft	1	
3	T0053561	Brg, Ball 30mm Deep Groove	2	
4	T0054272	Thrust Washer	4	
5	T0054265	Spring Retainer	2	
6	T0054274	Needle Thrust Bearing	2	
7	T0054256	12 Tooth 80 Chain Sprocket	2	
8	T0054281	Spacer, 1.72" OD X .200"	2	
9	T0054254	Shaft Collar Splined	2	
10	T0054276	Seal Kit - 1.75 Diameter	2	
11	T0054266	Sleeve	1	
12	T0054277	Seal Kit - 2.25 Diameter	2	
13	T0054273	Shim	2	
14	T0054275	Spring, Extension	12	
15	T0053758	Sprocket, 46T #50 Splined	1	
16	T0054985	Cover, Wing Wheel	1	
17	T0054983	Seal	1	
18	T0051973	Ag Dust Cap	1	
19	T0054439	Spacer	2	
20	T0054984	Washer	1	
21	NLJNUT-1.000-14Y8	Nut, Nylock Jam 1-14 YZ8	1	
22	SRING-EXT-HD-1.188Y	SRING-EXT-HD-1.188Y	2	
23	SRING-INT-M55	Snap Ring M55	1	
24	HDWSH-0.50X1.50	HD Washer 0.50 x 1.50	1	
25	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	1	
26	ORING-4.500X.125	O-Ring, Ø4.50 OD X Ø.125	2	
27	PB-1.250X1.38X1.25	Bush, Polygon 1.25x1.375x1.25	2	

Note:

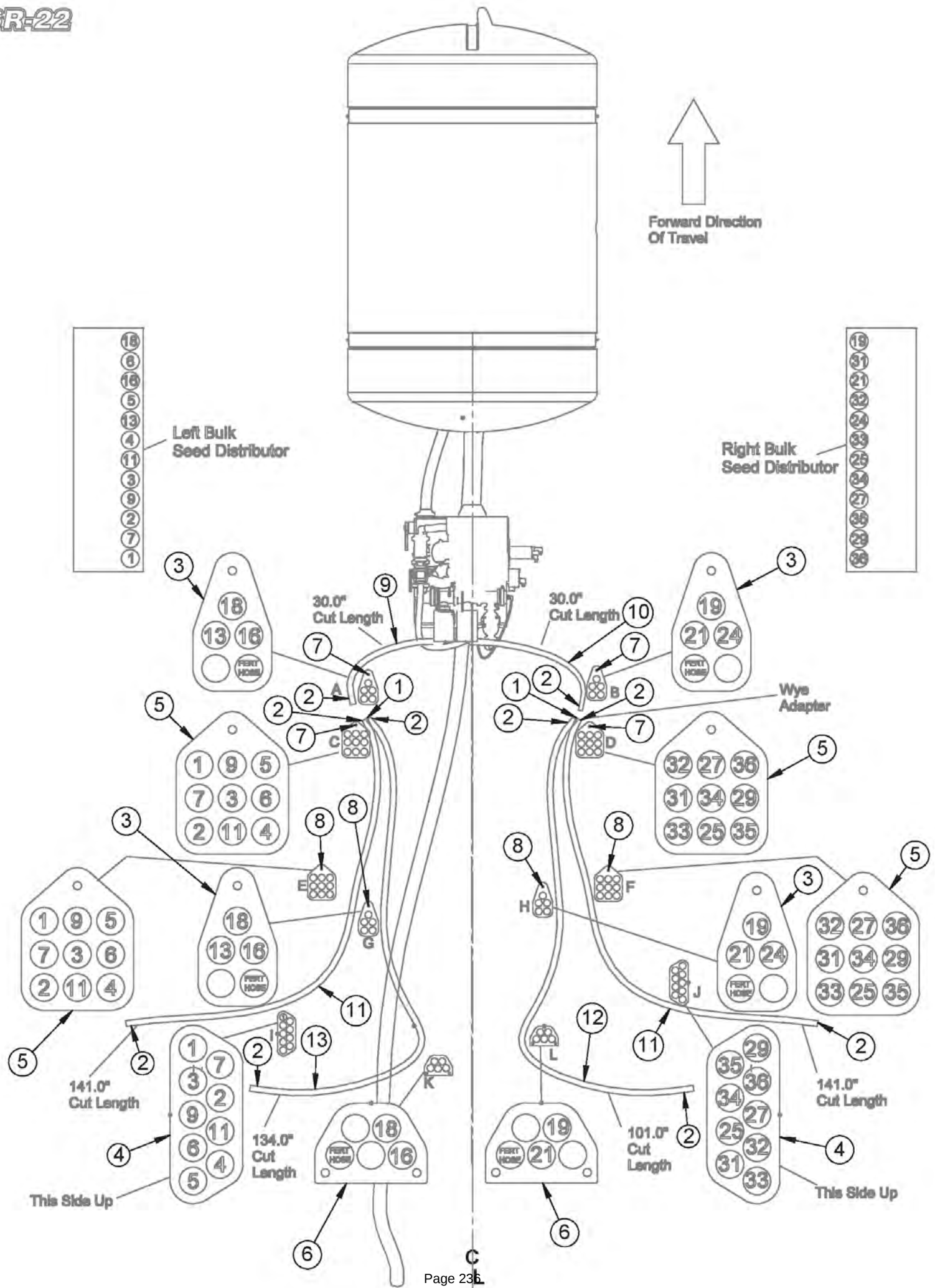
Pre-Assemble as shown into sub assemblies.

"A" Will consist of the following Item numbers:

1,2,3,4,5,6,7,8,9,10,11,12,13,14,18,19, 20, 22, 23, 24, 25,

"B" Will consist of the following Item numbers:

3, 16, 17, 21, 24



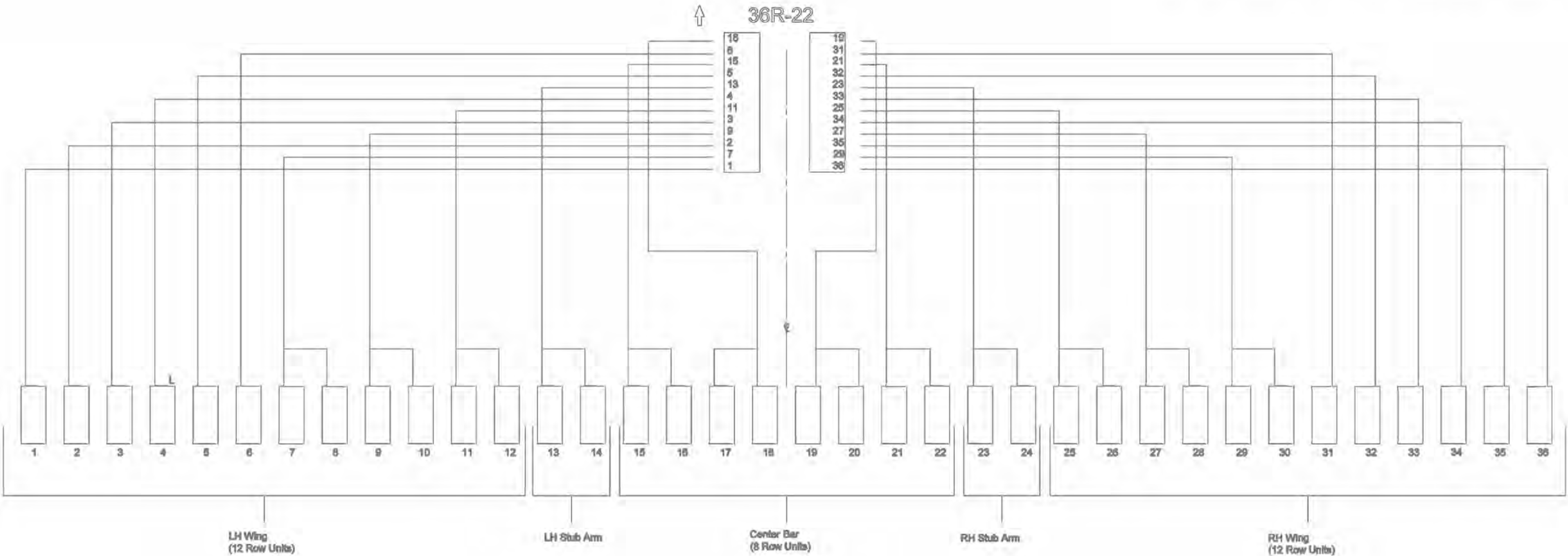
T0054820 Fertilizer & Seed Hose Routing Thru Hangers

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	T0052445	3/4" Hose Barb Wye	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

36R22 Seed Hose Lengths							
Row	1" Hose	1.25" Hose	Total	Row	1" Hose	1.25" Hose	Total
1	41' 0"	0' 0"	41' 0"	19	14' 0"	0' 0"	14' 0"
2	39' 6"	0' 0"	39' 6"	20	4' 6"	0' 0"	4' 6"
3	38' 0"	0' 0"	38' 0"	21	17' 0"	0' 0"	17' 0"
4	36' 6"	0' 0"	36' 6"	22	4' 6"	0' 0"	4' 6"
5	34' 6"	0' 0"	34' 6"	23	4' 6"	0' 0"	4' 6"
6	33' 0"	0' 0"	33' 0"	24	20' 0"	0' 0"	20' 0"
7	12' 0"	17' 0"	29' 0"	25	12' 0"	8' 6"	20' 6"
8	4' 6"	0' 0"	4' 6"	26	4' 6"	0' 0"	4' 6"
9	12' 0"	14' 6"	26' 6"	27	12' 0"	12' 6"	24' 6"
10	4' 6"	0' 0"	4' 6"	28	4' 6"	0' 0"	4' 6"
11	12' 0"	11' 0"	23' 0"	29	12' 0"	15' 0"	27' 0"
12	4' 6"	0' 0"	4' 6"	30	4' 6"	0' 0"	4' 6"
13	19' 6"	0' 0"	19' 6"	31	33' 0"	0' 0"	33' 0"
14	4' 6"	0' 0"	4' 6"	32	34' 6"	0' 0"	34' 6"
15	4' 6"	0' 0"	4' 6"	33	37' 0"	0' 0"	37' 0"
16	16' 6"	0' 0"	16' 6"	34	38' 6"	0' 0"	38' 6"
17	4' 6"	0' 0"	4' 6"	35	39' 0"	0' 0"	39' 0"
18	14' 0"	0' 0"	14' 0"	36	40' 0"	0' 0"	40' 0"



YIELDTRAC

Torque – Hydraulic tubes and fittings

Standard torque data for hydraulic tubes and fittings

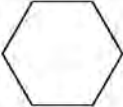
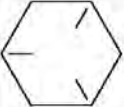
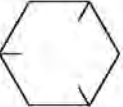
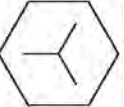
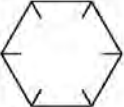
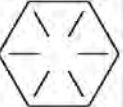
Tube Nuts for 37° Flared Fittings								O-Ring Boss Plugs, Adjustable Fitting Lock Nuts, Swivel JIC - 37 ° Seats			
Size	Tubing OD		Thread Size	ft-lbs		Nm		ft-lbs		Nm	
	Inches	mm		Min	Max	Min	Max	Min	Max	Min	Max
4	1/4	6.4	7/16-20	9	12	12	16	6	10	8	14
5	5/16	7.9	1/2-20	12	15	16	20	10	15	14	20
6	3/8	9.5	9/16-18	21	24	29	33	15	20	20	27
8	1/2	12.7	3/4-18	35	40	47	54	25	30	34	41
10	5/8	15.9	7/8-14	53	58	72	79	35	40	47	54
12	3/4	19.1	1-1/6-12	77	82	104	111	60	70	81	95
14	7/8	22.2	1-3/16-12	90	100	122	136	70	80	95	109
16	1	25.4	1-5/16-12	110	120	149	163	80	90	108	122
20	1-1/4	31.8	1-5/8-12	140	150	190	204	95	115	129	156
24	1-1/2	38.1	1-7/8-12	160	175	217	237	120	140	163	190
32	2	50.8	2-1/2-12	225	240	305	325	250	300	339	407

THE ABOVE TORQUE FIGURES ARE RECOMMENDED FOR PLAIN, CADMIUM OR ZINC PLATED FITTINGS, DRY OR WET INSTALLATIONS AND SWIVEL NUTS EITHER SWAGGED OR BRAZED. THESE TORQUES ARE NOT RECOMMENDED FOR TUBES 12.7 MM (0.5 IN) OD AND THICKER WITH WALL THICKNESS OF 0.889 MM (0.035 IN) OR LESS. THE TORQUE IS SPECIFIED FOR 0.889 MM (0.035 IN) WALL TUBES ON EACH APPLICATION INDIVIDUALLY.

Torque – Fasteners

Society of Automotive Engineers (SAE) Fastener Torque

USE THESE TORQUES, UNLESS SPECIAL TORQUES ARE SPECIFIED. VALUES ARE FOR UNIFIED COARSE (UNC) AND UNIFIED FINE (UNF) 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.

SAE Grade No.	Grade 2				Grade 5				Grade 8 (See Note below.)			
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.
1/4	5	6	7	8	9	11	12	15	12	15	16	20
5/16	10	12	14	16	17	20.5	23	28	24	29	33	39
3/8	20	23	27	31	35	42	48	57	45	54	61	73
7/16	30	35	41	47	54	64	73	87	70	84	95	114
1/2	45	52	61	70	80	96	109	130	110	132	149	179
9/16	65	75	88	102	110	132	149	179	160	192	217	260
5/8	95	105	129	142	150	180	203	244	220	264	298	358
3/4	150	185	203	251	270	324	366	439	380	456	515	618
7/8	160	200	217	271	400	480	542	651	600	720	814	976
1	250	300	339	406	580	696	787	944	900	1080	1220	1464
1-1/8					800	880	1085	1193	1280	1440	1736	1953
1-1/4					1120	1240	1519	1681	1820	2000	2468	2712
1-3/8					1460	1680	1980	2278	2380	2720	3227	3688
1-1/2					1940	2200	2631	2983	3160	3560	4285	4827

NOTES: BOLT HEAD IDENTIFICATION MARKS AS PER GRADE. MANUFACTURING MARKS WILL VARY.
THICK NUTS MUST BE USED WITH GRADE 8 BOLTS.

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

