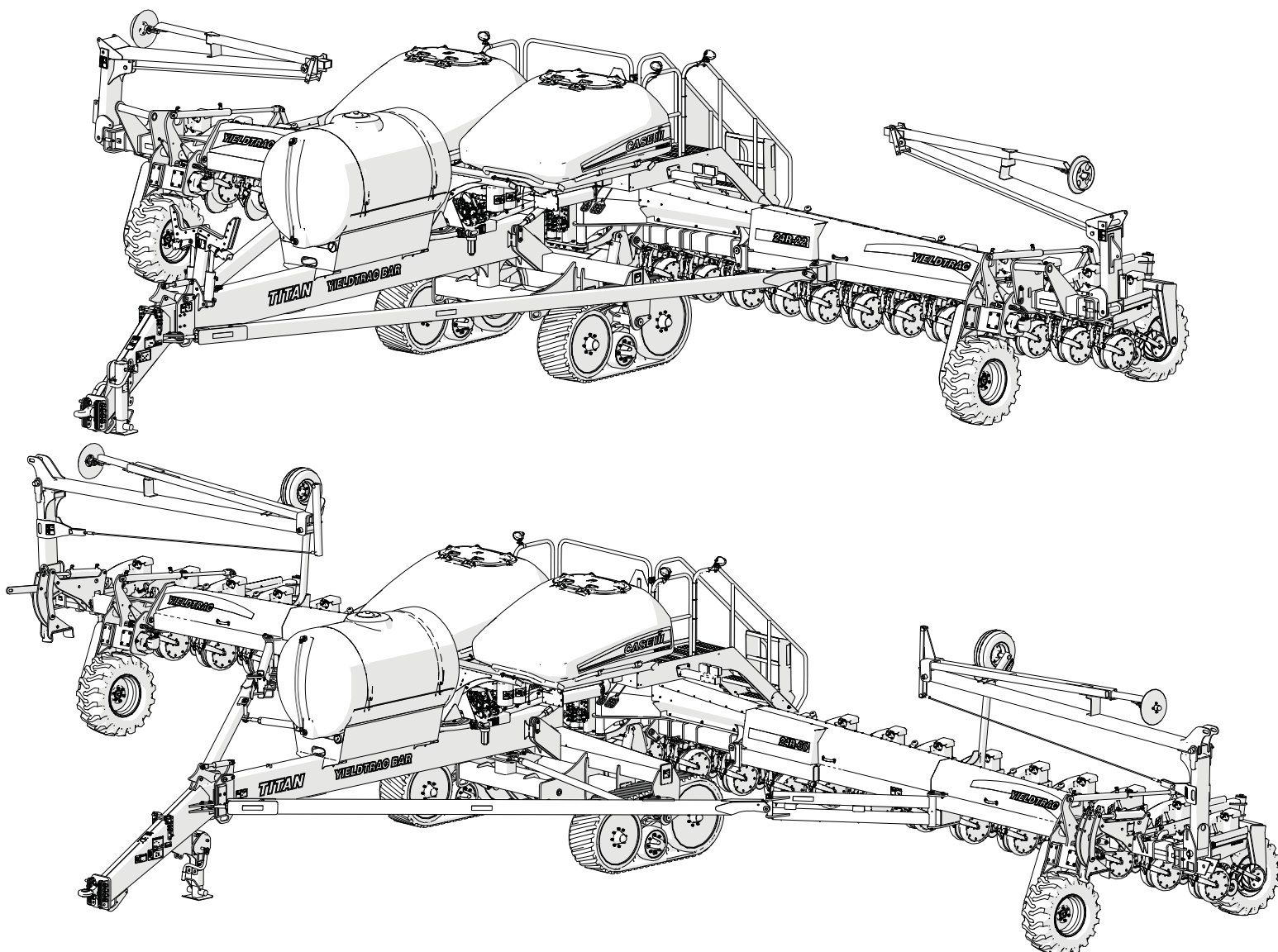




Titan Yieldtrac 24R22

(24 Row 22)

Front Fold Trailing Planter

Year 2015 Model

Titan Yieldtrac 24R30

(24 Row 30)

Front Fold Trailing Planter

Year 2015 Model

Parts Catalog

Part number T0053863
1st edition English
January 2015

TITAN ***MACHINERY***

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. Titan Machinery Inc. assumes no obligation of notice to holders of this document with respect to changes subsequently made.

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Any trademarks not directly mentioned are also acknowledged.



Read and Understand

A black triangle with a white exclamation mark inside, indicating a warning.

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 Titan 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 Titan Yieldtrac Planter Bar 24R22, & Titan Yieldtrac Planter Bar 24R30.

Revision History

Issue	Date	Reasons for Change
T0053863	January 28th 2015	Release
T0053863	August 5th 2015	Revised
T0053863	February 23rd 2016	Revised
T0053863	March 24th 2024	Revised

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, 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:

24R-22 24R-30 24R-22 24R-30

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.

The diagram illustrates the layout of a parts catalog page. It is divided into two main sections: an exploded parts illustration on the left and a parts listing table on the right.

Exploded Parts Illustration: This section shows a technical drawing of a planter assembly with various parts labeled with numbers and letters. A callout box points to this section with the text "Exploded Parts Illustration."

Parts Listing: This section contains a table titled "TASCO®: Assy. Number Part Cat. No." with columns for ITEM, PART NUMBER, DESCRIPTION, QTY, and TYPICAL (Pl. Size). The table lists various parts and their quantities. A callout box points to this section with the text "Parts Listing".

Designates Parts Catalog Page For Titan Yieldtrac 24R30 Model Only: A callout box points to the top left corner of the exploded parts illustration, where the model number "24R-30" is displayed.

Foward Direction Of Travel Symbol: A callout box points to a black arrow in the exploded parts illustration, indicating the forward direction of travel.

ITEM	PART NUMBER	DESCRIPTION	QTY	TYPICAL (Pl. Size)
1	1000000000000000	Frame (Steel) (24R-30)	1	
2	1000000000000000	Frame (Steel) (24R-30)	1	
3	1000000000000000	Frame (Steel) (24R-30)	1	
4	1000000000000000	Frame (Steel) (24R-30)	1	
5	1000000000000000	Frame (Steel) (24R-30)	1	
6	1000000000000000	Frame (Steel) (24R-30)	1	
7	1000000000000000	Frame (Steel) (24R-30)	1	
8	1000000000000000	Frame (Steel) (24R-30)	1	
9	1000000000000000	Frame (Steel) (24R-30)	1	
10	1000000000000000	Frame (Steel) (24R-30)	1	
11	1000000000000000	Frame (Steel) (24R-30)	1	
12	1000000000000000	Frame (Steel) (24R-30)	1	
13	1000000000000000	Frame (Steel) (24R-30)	1	
14	1000000000000000	Frame (Steel) (24R-30)	1	
15	1000000000000000	Frame (Steel) (24R-30)	1	
16	1000000000000000	Frame (Steel) (24R-30)	1	
17	1000000000000000	Frame (Steel) (24R-30)	1	

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 Titan Machinery dealer. Your nearest authorized Titan Machinery 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 Titan Machinery, and Case IH replacement parts should be used to service or repair the machine. Titan Machinery replacement parts are available from your Titan Machinery 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 Titan dealer the model number and serial number of your Yieldtrac Planter Bar 24R22 or 24R30 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.

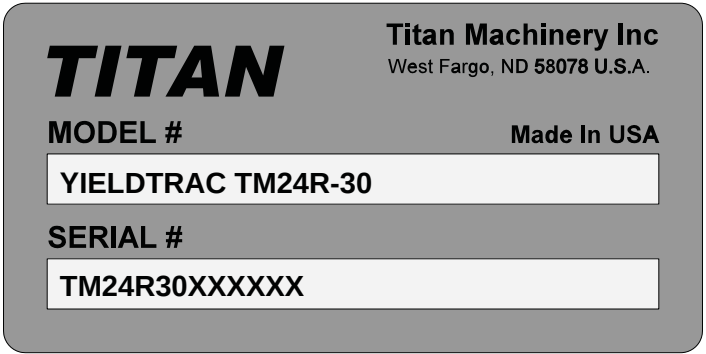


Fig. # 1-1 Model Number / Serial Number Decal

The model number / serial number is located where indicated below. (See Fig. # 1-2, & 1-3)

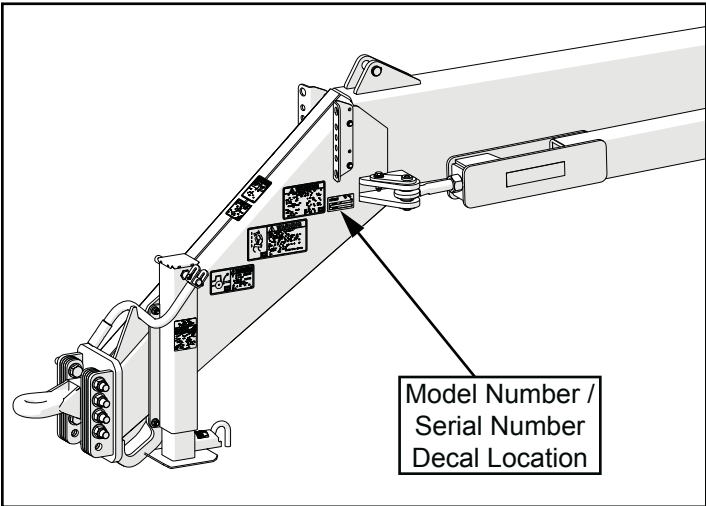


Fig. # 1-2 24R22 Model / Serial Number Decal Location

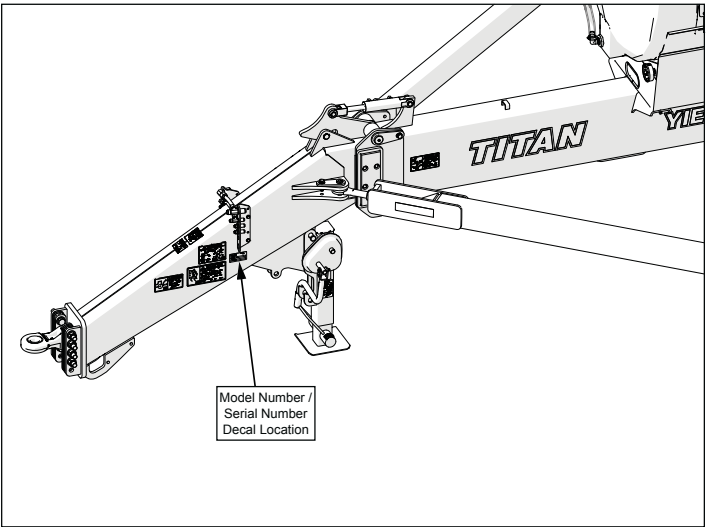


Fig. # 1-3 24R30 Model / Serial Number Decal Location

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. # 1-4) below.

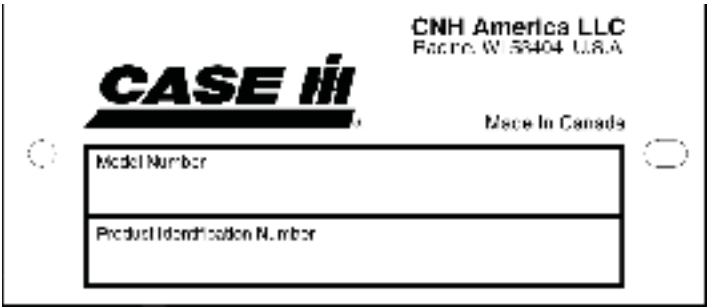


Fig. # 1-4
Model Number/Serial Number Decal

The model number / serial number is located where indicated below. (See Fig. # 1-5)

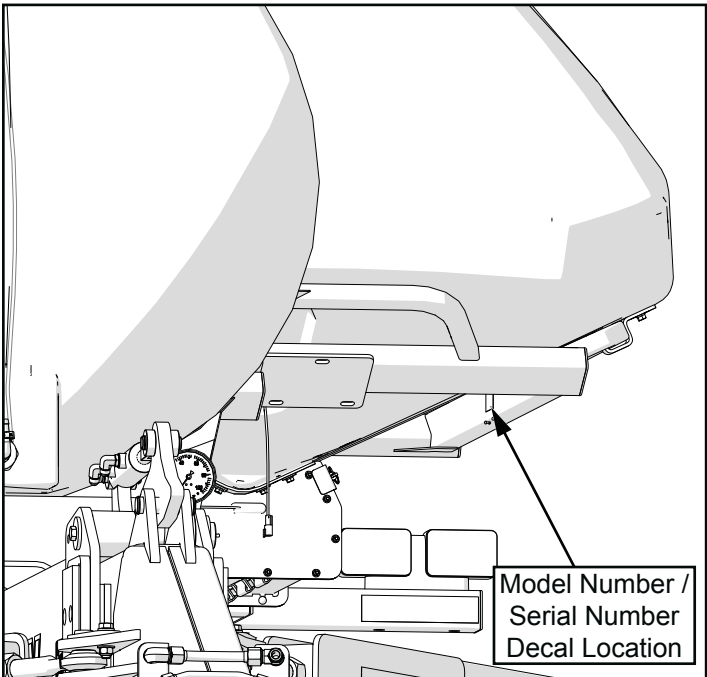


Fig. # 1-5 Model / Serial Number Decal Location On Bulk Fill Assembly

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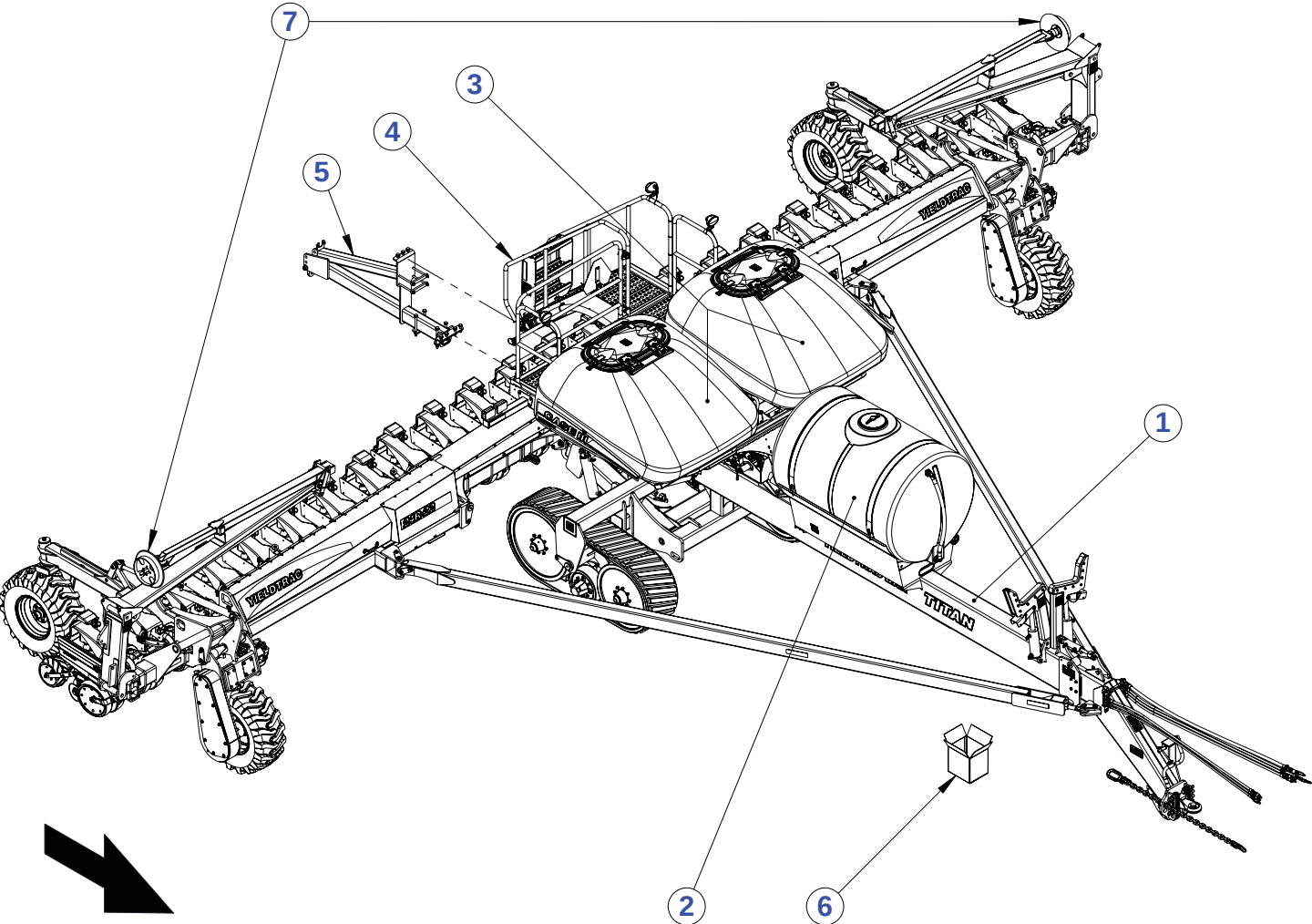
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24R22 & 24R30 Parts Catalog

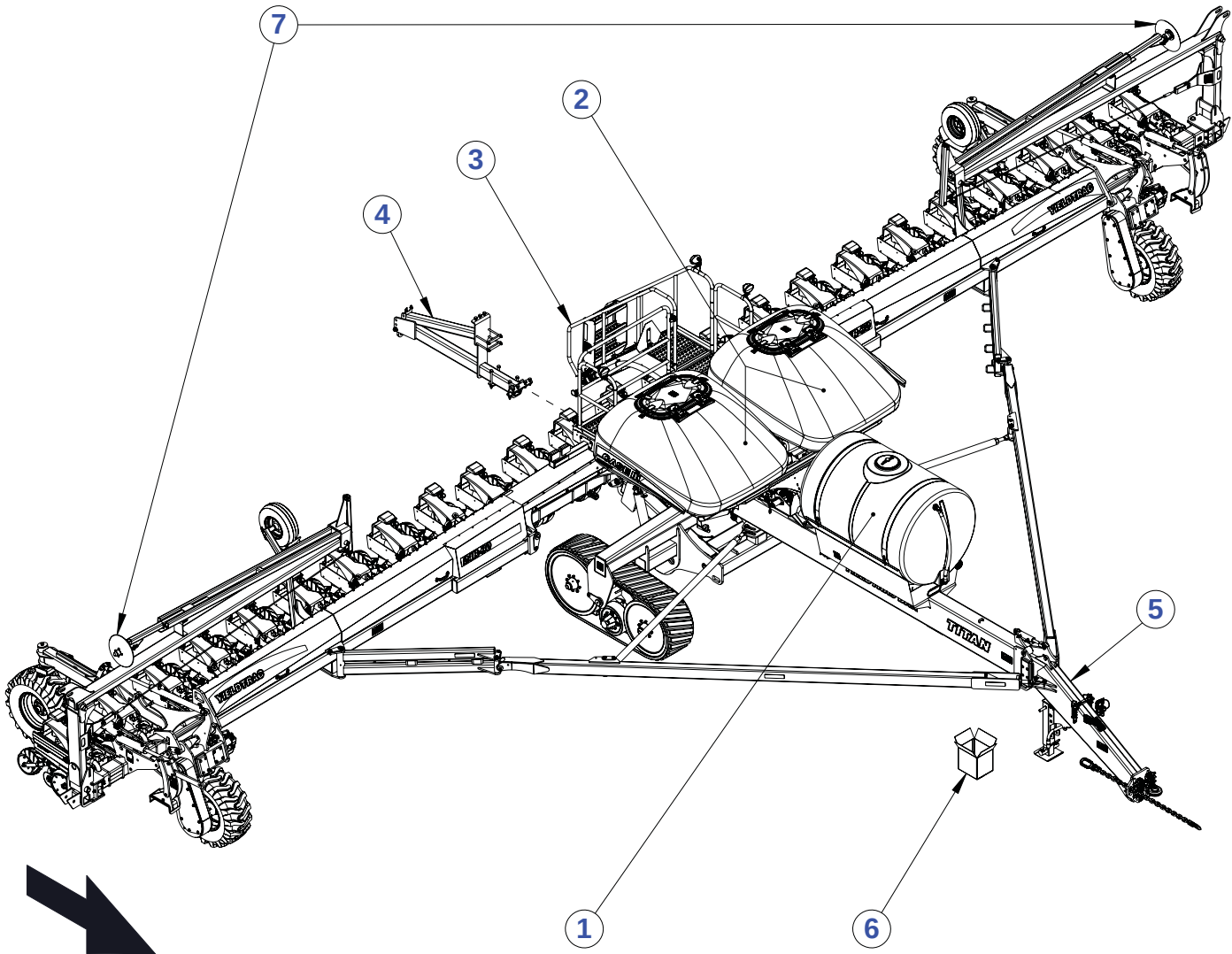
24R-22



TA00731 2014 TM24R22 Planter

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA00719	Yieldtrac Bar 24R22	1	
2	TA00741	Liquid Fertilizer System	1	
3	TA00743	Bulk Fill Assy	1	
4	TA00780	Assy, Ladder	1	
5	TA00792	Rear Hitch	1	
6	TA00821	Operator's Package TM24R22	1	
7	TA00848	Assy, Marker Completion 24R22	1	

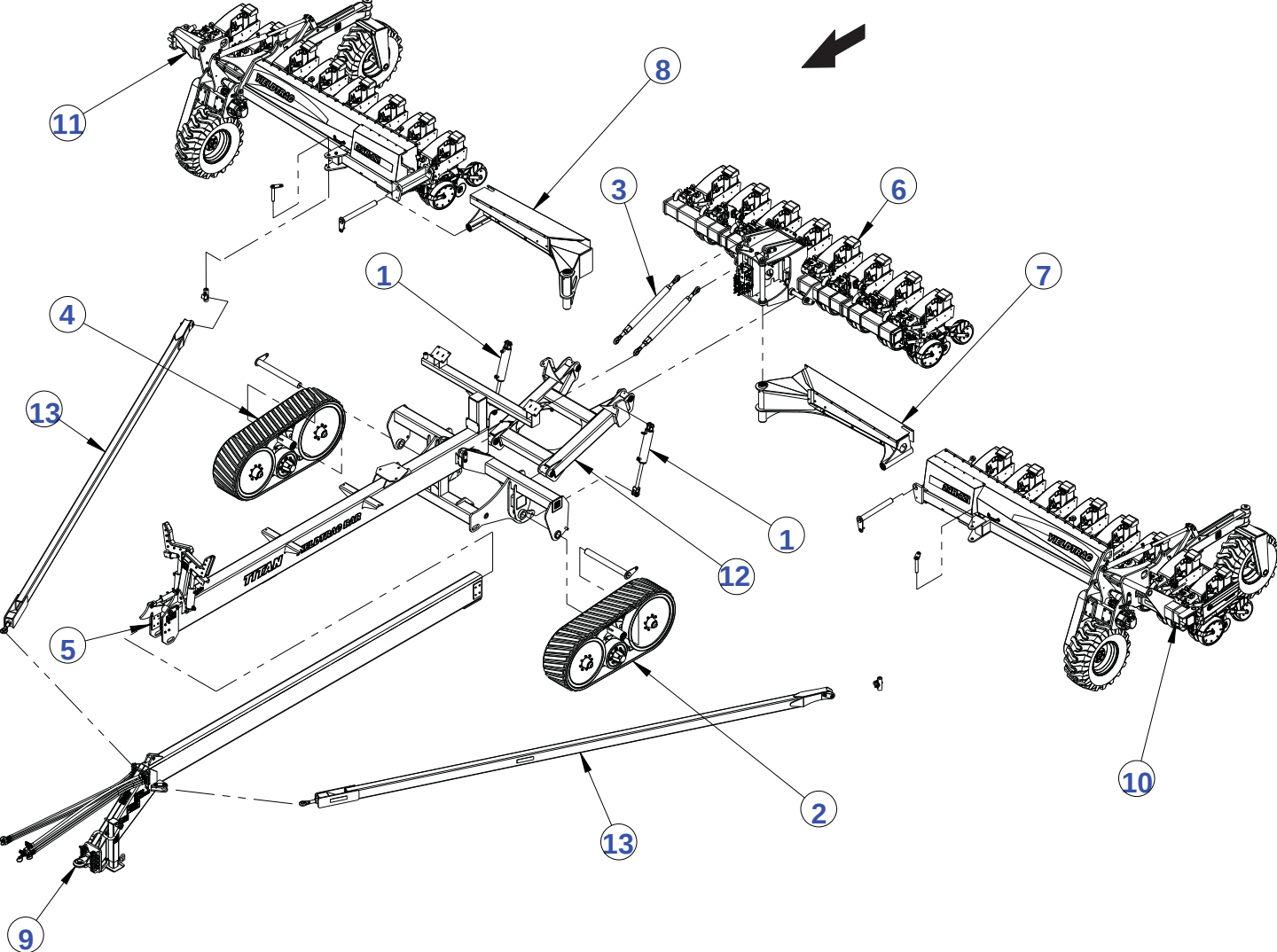
24R-30



TA00806 2014 TM24R30 Planter

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA00741	Liquid Fertilizer System	1	
2	TA00743	Bulk Fill Assy	1	
3	TA00780	Assy, Ladder	1	
4	TA00792	Rear Hitch	1	
5	TA00803	Yieldtrac Bar 24R30	1	
6	TA00875	Operator's Package TM24R30	1	
7	TA00883	Option 24R30 Markers	1	

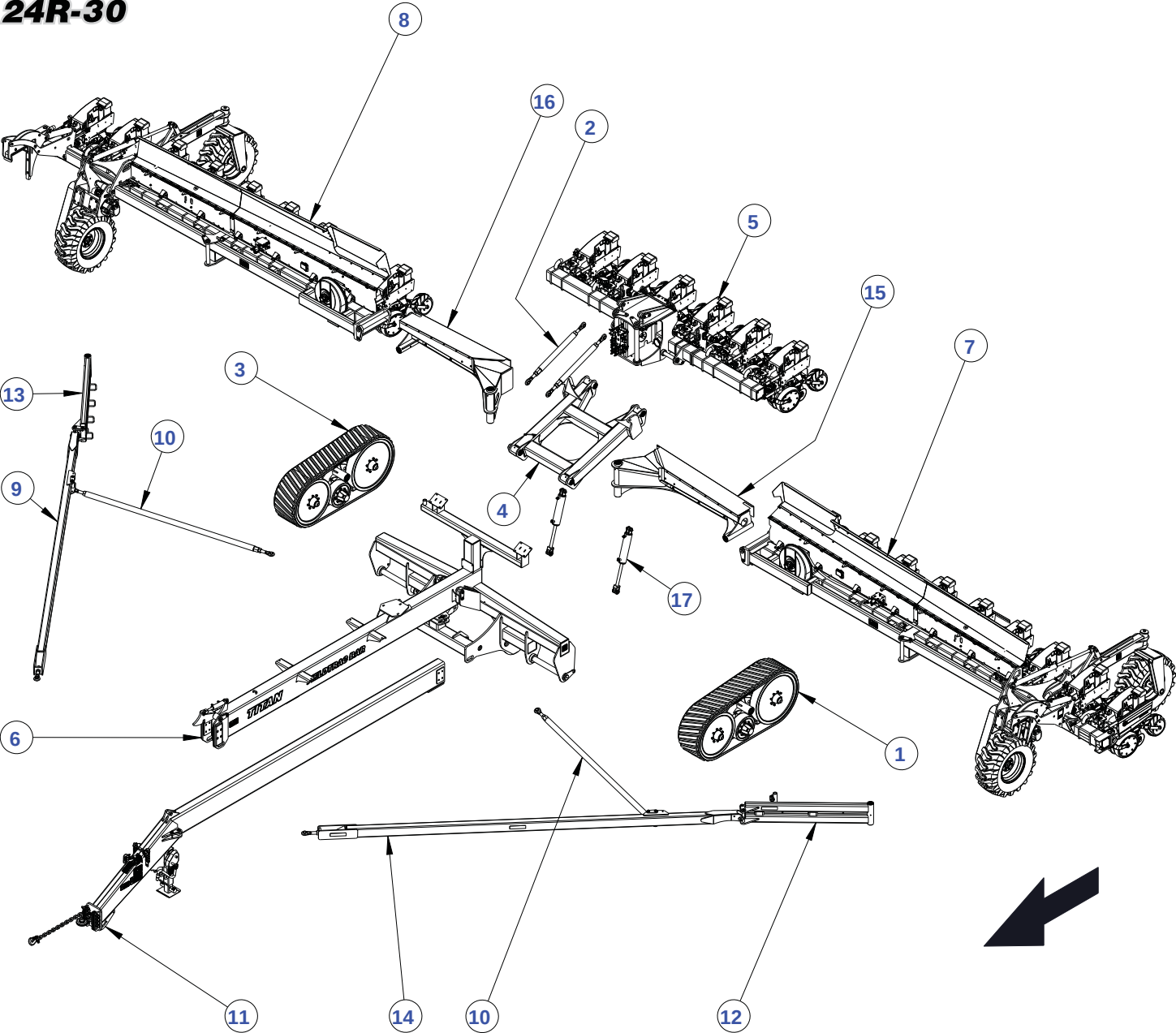
24R-22



TA00719 Yieldtrac Bar 24R22

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA00545	Cylinder-Hyd 3.75X14.00 Reph	2	
2	TA00583	Track Assy, LH	1	
3	TA00613	Upper Link Assy	2	
4	TA00647	Track Assy, RH	1	
5	TA00715	Track Carrier	1	
6	TA00716	24R22 Center Toolbar Assy	1	
7	TA00717	LH Stub Arm Assy	1	
8	TA00718	RH Stub Bar Assy	1	
9	TA00720	Hitch Assy	1	
10	TA00721	LH Wing Assy	1	
11	TA00727	RH Wing Assy	1	
12	TA00766	Main Lift Assy	1	
13	TA00778	Assy, Tow Bar	2	

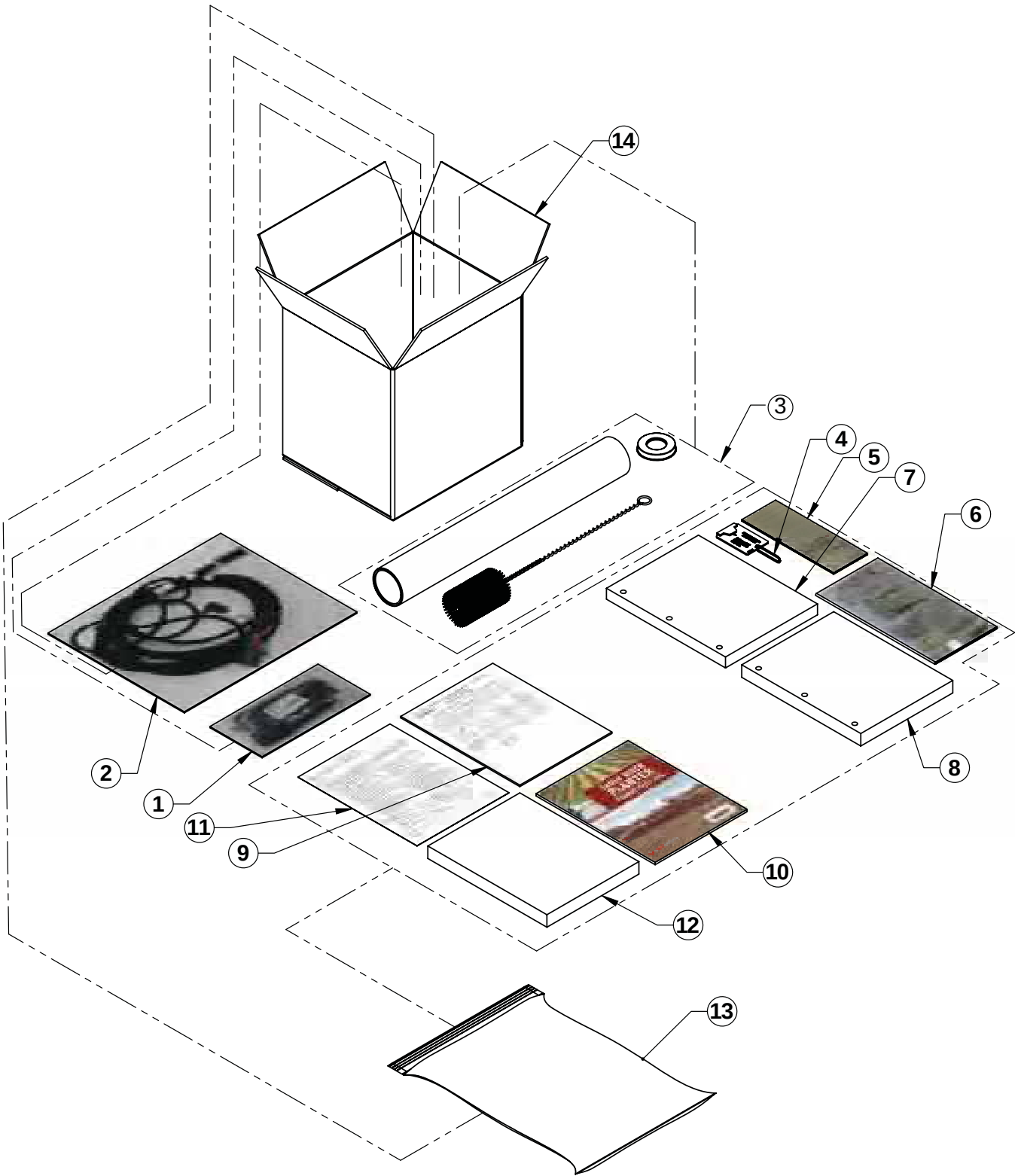
24R-30



TA00803 Yieldtrac Bar 24R30

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA00583	Track Assy, LH	1	
2	TA00613	Upper Link Assy	2	
3	TA00647	Track Assy, RH	1	
4	TA00766	Main Lift Assy	1	
5	TA00781	24R30 Center Toolbar Assy	1	
6	TA00785	24R30 Track Carrier	1	
7	TA00789	LH Wing Assy 24R30	1	
8	TA00804	RH Wing Assy 24R30	1	
9	TA00814	Assy, Tow Bar - RH	1	
10	TA00815	Control Link Assy	2	
11	TA00825	Hitch Assy	1	
12	TA00844	Assy, Tow Bar Gate - LH	1	
13	TA00845	Assy, Tow Bar Gate - RH	1	
14	TA00846	Assy, Tow Bar - LH	1	
15	TA00869	Assy, LH Stub Arm 24R30	1	
16	TA00870	Assy, RH Stub Arm 24R30	1	
17	TA00920	Assy, Cylinder-Hyd 3.75X14.00	2	

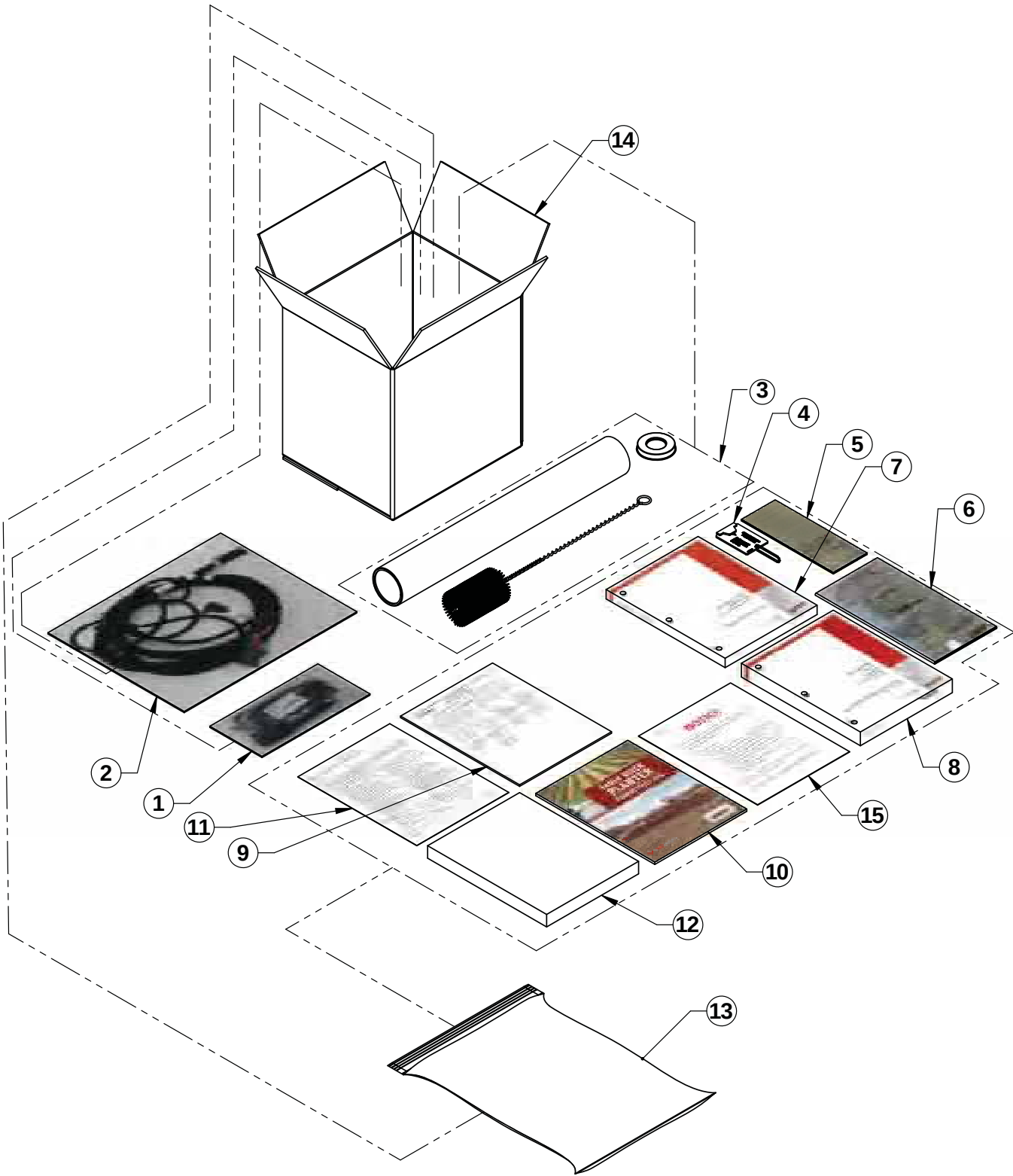
24R-22



TA00821 Operator's Package 24R22

ITEM	PART NUMBER	DESCRIPTION	QTY
1	1983416C2	Harness, 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	AFS-8031-13	Early Riser AFS QRC	1
7	47448717	1255 Operator's Manual	1
8	47506621	Planter Software Manual v28	1
9	L-1381	HyPro Pump Manual	1
10	PL-3076-13	Early Riser Productivity Tips	1
11	T0051790	Checklist, PDI & Startup	1
12	T0052358	Manual, Operator's Yieldtrac 24R22	1
13	T0051793	Bag, Recloseable-13"x18" 6Mil	1
14	T0051794	Box, Cardboard 12X10X12	1
15	T0052697	Notice, Track Alignment	1

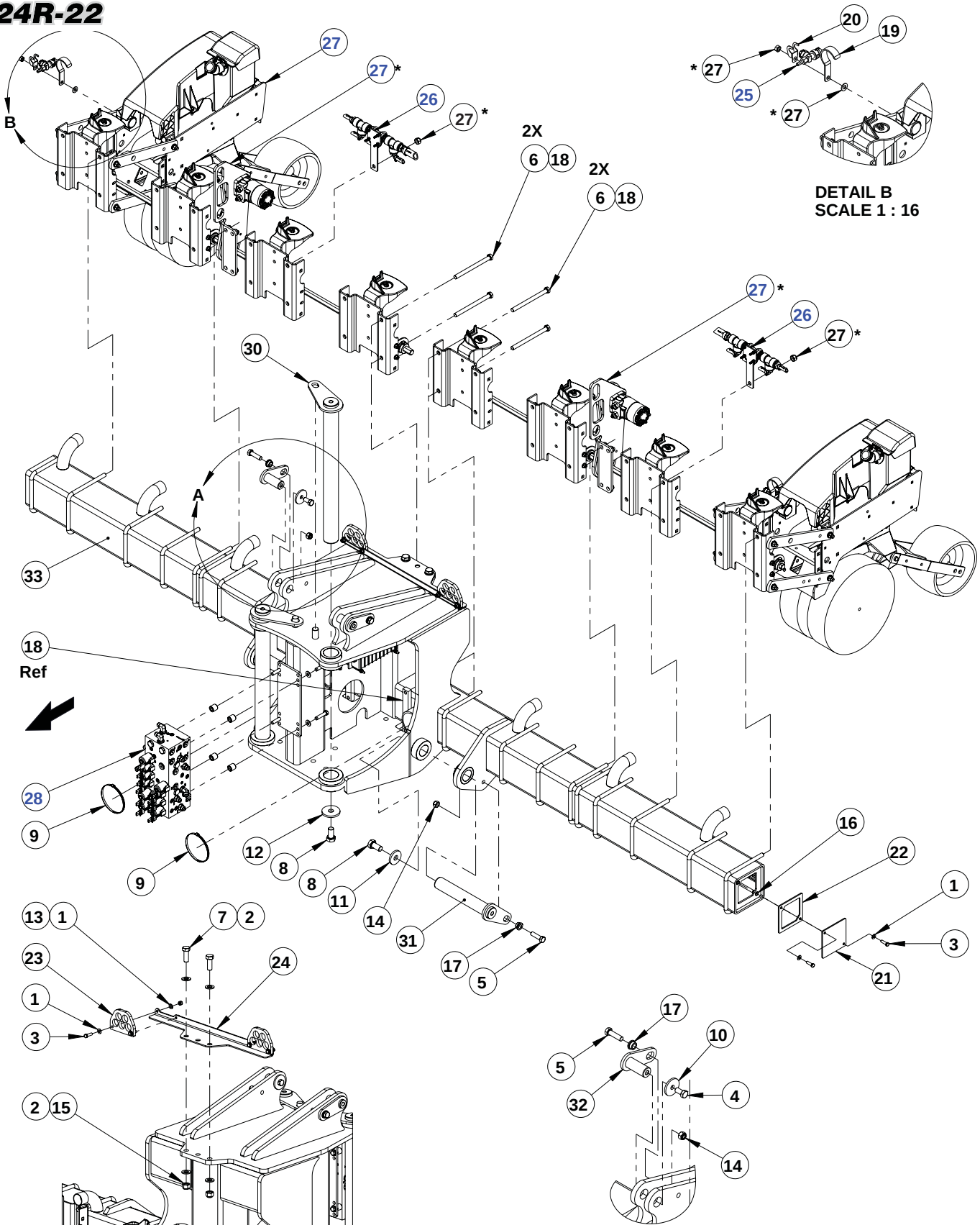
24R-30



TA00875 Operator's Package 24R30

ITEM	PART NUMBER	DESCRIPTION	QTY
1	1983416C2	Harness, 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	AFS-8031-13	Early Riser AFS QRC	1
7	47448717	1255 Operator's Manual	1
8	47506621	Planter Software Manual v28	1
9	L-1381	HyPro Pump Manual	1
10	PL-3076-13	Early Riser Productivity Tips	1
11	T0051790	Checklist, PDI & Startup	1
12	T0052710	Manual, 2014 Operator's 24R30	1
13	T0051793	Bag, Recloseable-13"x18" 6Mil	1
14	T0051794	Box, Cardboard 12X10X12	1
15	T0052697	Notice, Track Alignment	1

24R-22



REAR DETAIL VIEW
SEED HOSE MOUNT BRACKET
SCALE 1:20

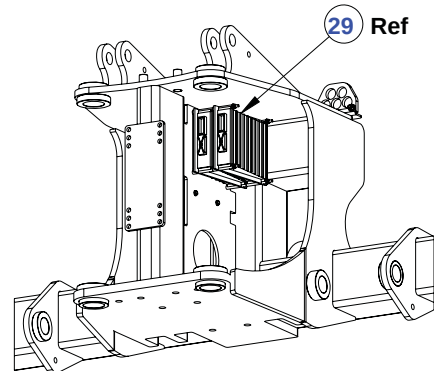
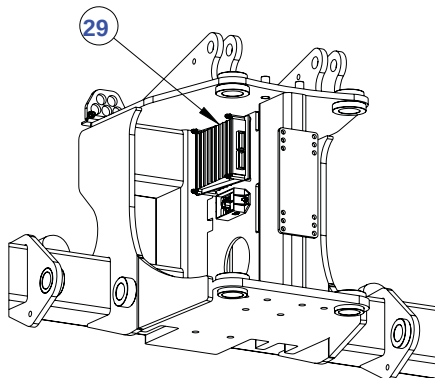
DETAIL A
SCALE 1 : 16

TA00716 24R22 Center Toolbar Assy

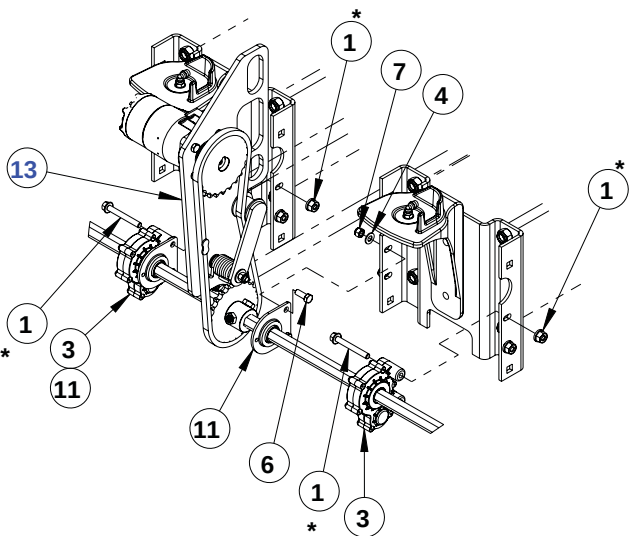
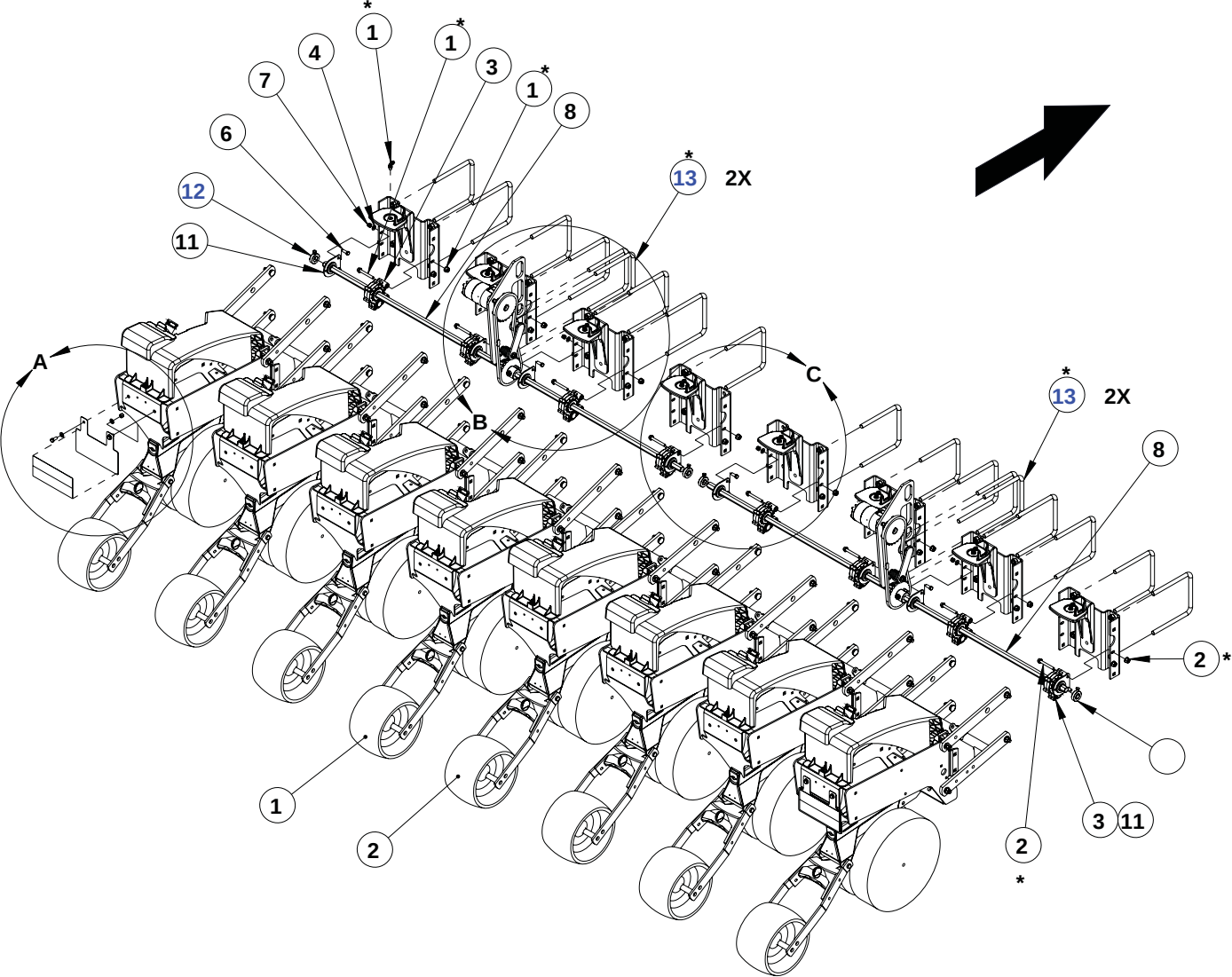
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	12	
2	FW-SAE-0.750-YZ	Washer, Flat-SAE 3/4 YZ	4	
3	HBolt-0.3750-16x1.250-YZ8	Bolt, Hex Head, 3/8-16x1.25-YZ8	8	
4	HBolt-0.6250-11x1.250-YZ8	Bolt, Hex Head-5/8-11x1.25-YZ8	2	
5	HBolt-0.6250-11x2.250-YZ8	Bolt, Hex Head-5/8-11x2.25-YZ8	4	
6	HBolt-0.6250-11x8.000-YZ8	Bolt, Hex Hd-5/8-11x8-YZ8	4	
7	HBolt-0.7500-10x2.000-YZ8	Bolt, Hex Hd 3/4-10x2-YZ8	2	
8	HBolt-0.8750-9x1.750-YZ8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	4	
9	HClamp-SAE-512-SS	HClamp-SAE-512-SS	2	
10	HD Washer 0.64 x 2.50	HD Washer 0.64 x 2.50	2	
11	HD Washer 0.89 x 2.50	HD Washer 0.89 x 2.50	2	
12	HD Washer 0.89 x 3.00	HD Washer 0.89 x 3.00	2	
13	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	4	
14	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	4	
15	NLNut-0.7500-10-YZ8	Nut, Nylock 3/4-10-YZ8	2	
16	RivNut-0.3750-16-.150-.312	Rivnut, 3/8-16 UNC .150-.312 GR	4	
17	T0050854	Anti Rotation Insert	4	
18	T0051288	Tap Bar	2	
19	T0051383	Clamp, Hose Row Unit	8	
20	T0051533	Tee Jet Clip	8	
21	T0052124	Clean Out Cover	2	
22	T0052125	Seal, Clean Out Cover	2	
23	T0052450	Guide, Hose Seed Tube Cen Fr	2	
24	T0052463	Seed Hose Mtg Brkt	1	
25	TA00674	Tee Jet Valve Assy	8	
26	TA00679	Assy, Manifold Fert Cen Bar	2	
27	TA00704	Center Bar Row Units 22"	1	
28	TA00807	Assy, Lift & Fold Valve	1	
29	TA00858	Assy, ECU	1	
30	TW000585	Pin Weldment	2	
31	TW000615	Pin Weldment	2	
32	TW000630	Pin Weldment	2	
33	TW000733	2422 Center Bar Weldment	1	

Note:

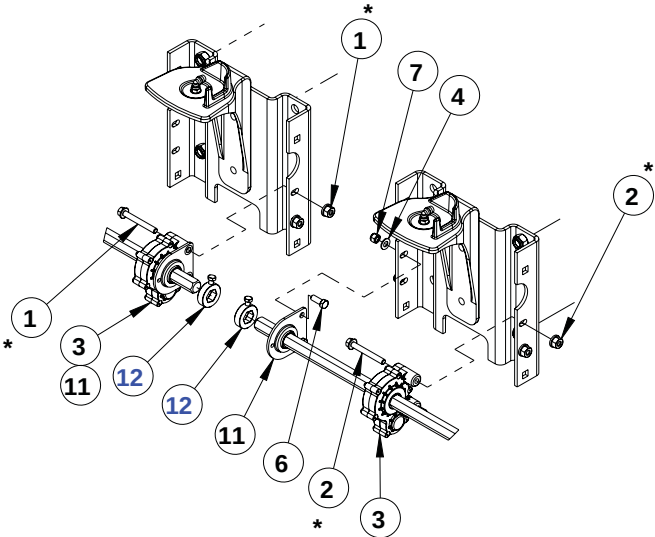
* Items marked with an asterisk are items that are included in that particular part or assembly.



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DETAIL B
SCALE 1 : 12



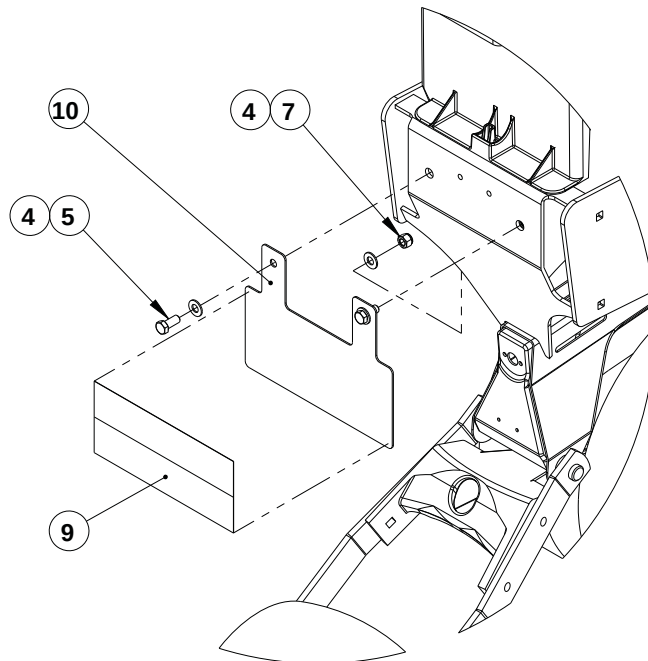
DETAIL C
SCALE 1 : 12

TA00704 Center Bar Row Units 24R22

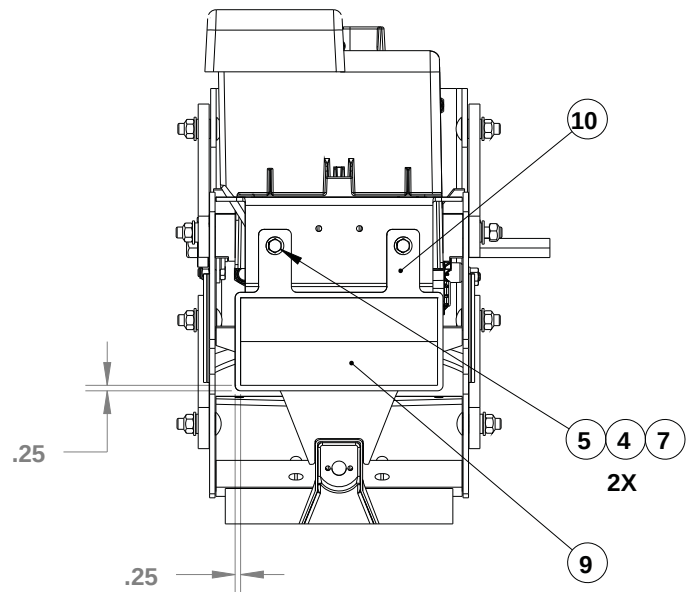
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	47525132	LH Row Unit	4	
2	47525133	RH Row Unit	4	
3	84534507	Gearbox	8	
4	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	16	
5	HBolt-0.3750-16x0.875-YZ8	Bolt, Hex Head-3/8"-16x7/8-YZ8	4	
6	HBolt-0.3750-16x1.000-YZ8	Bolt, Hex Hd 3/8-16x1-YZ8	8	
7	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	12	
8	T0051109	Hex Shaft, 81" Long	2	
9	T0051727	Decal, Refl Red,Orange-2x18	2	
10	T0051736	Brckt, Rear Row Unit Reflector	2	
11	T0052345	Bearing, 7/8" Hex Hanger	8	
12	TA00688	Assy, Hex Lock Collar w Bolt	4	
13	TA00799	Seed Drive Assy - Center Bar	2	

Note:

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

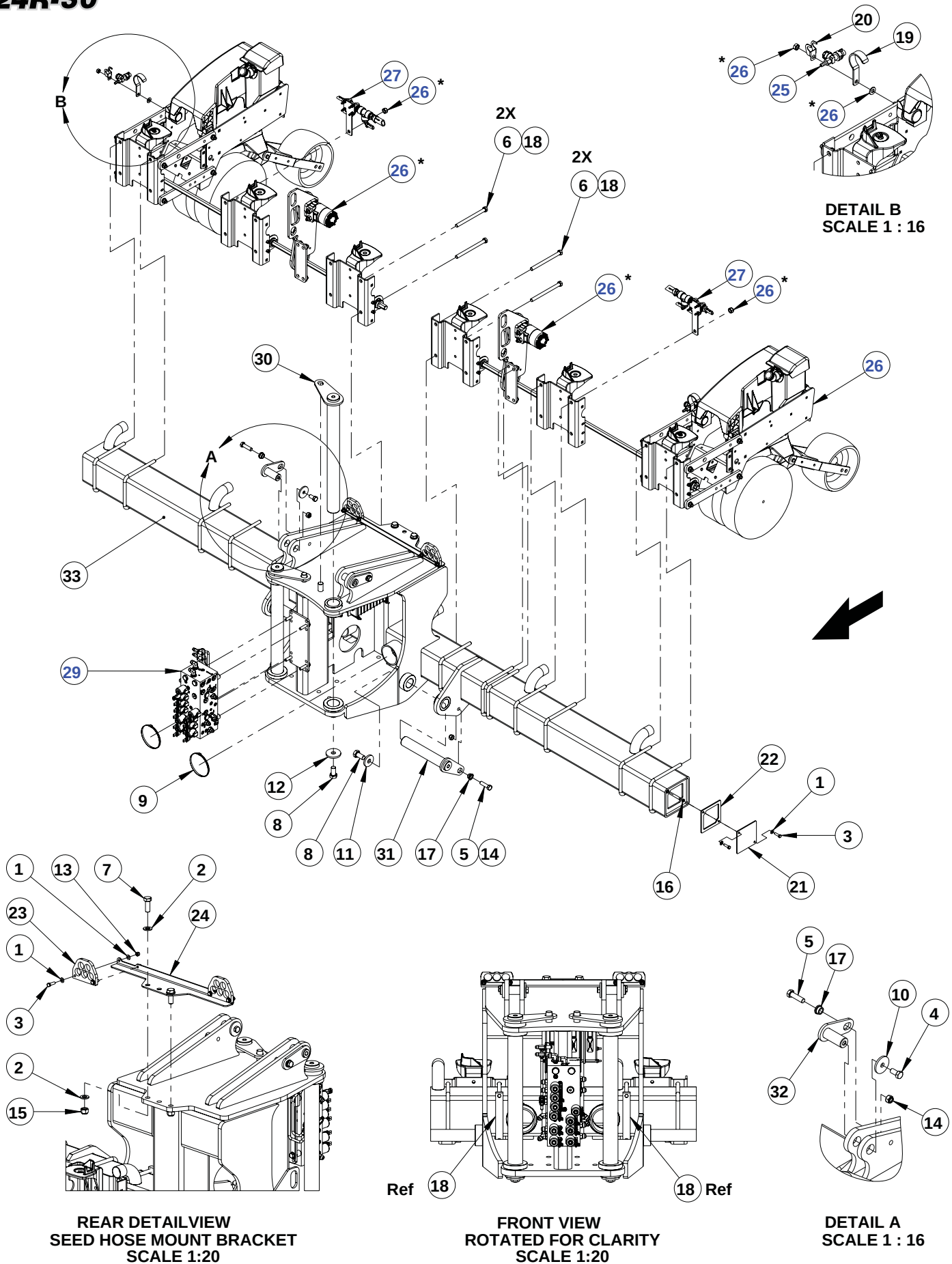


DETAIL A
SCALE 1 : 8



DECAL PLACEMENT

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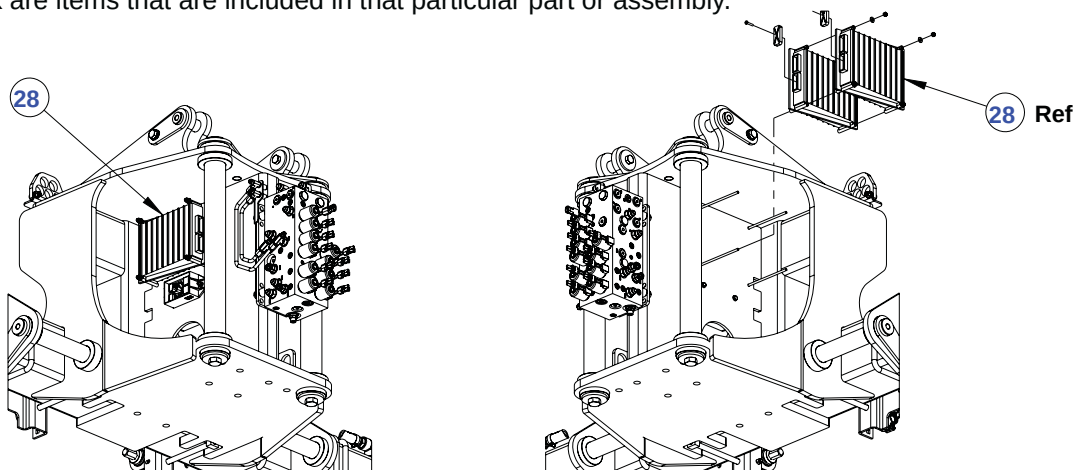


TA00781 24R30 Center Toolbar Assy

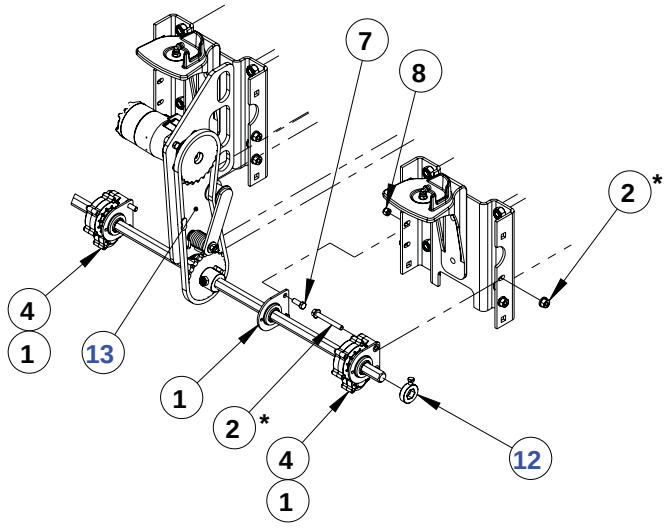
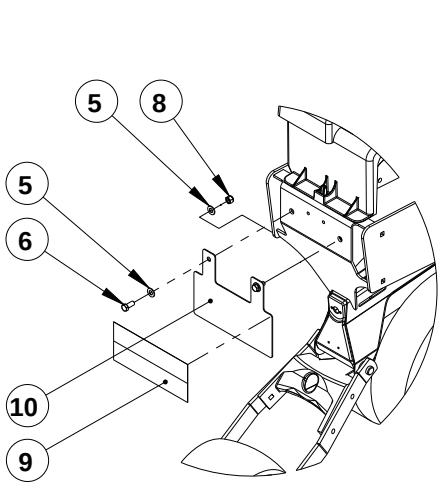
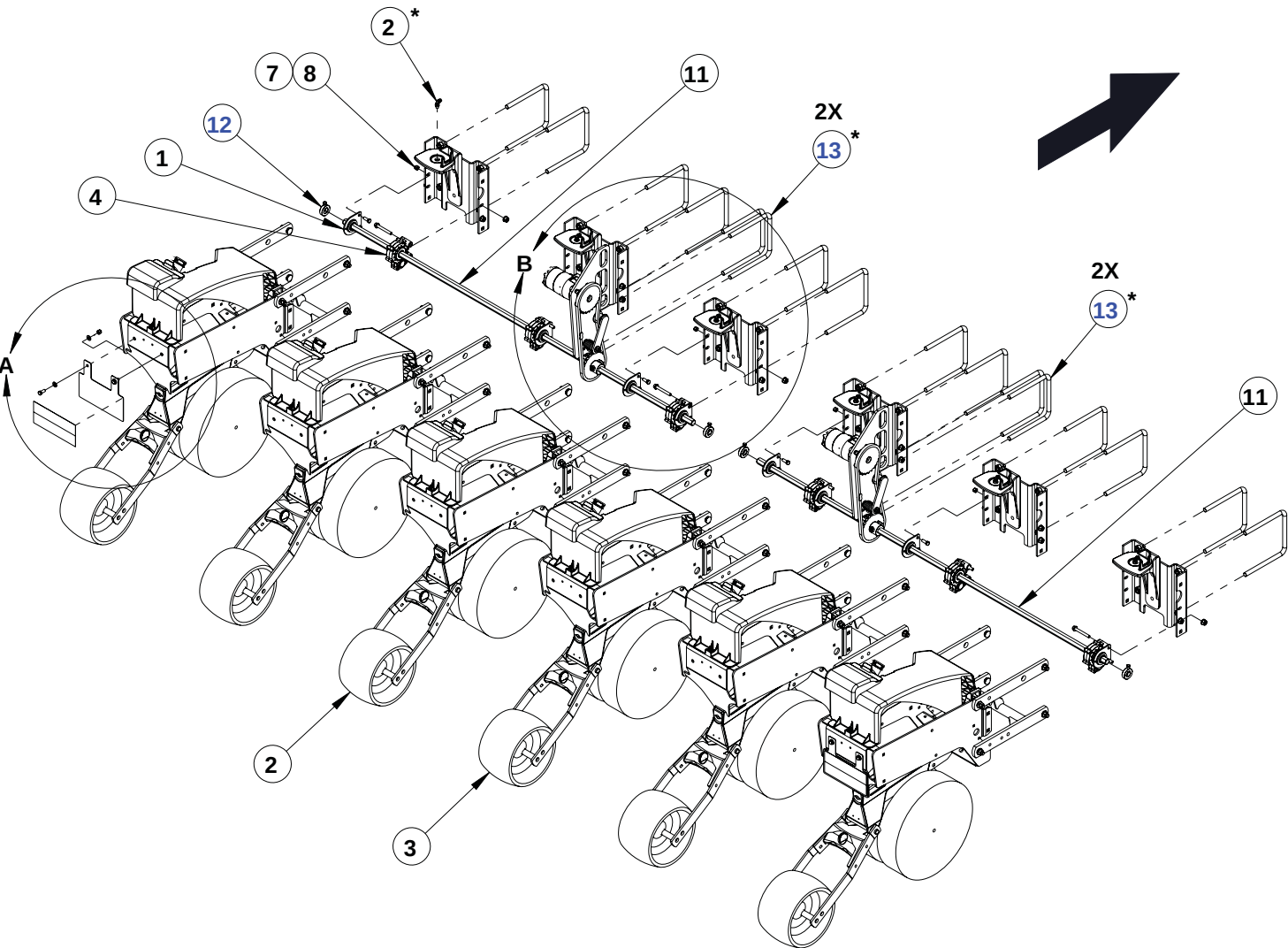
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	12	
2	FW-SAE-0.750-YZ	Washer, Flat-SAE 3/4 YZ	4	
3	HBolt-0.3750-16x1.250-YZ8	Bolt, Hex Head, 3/8-16x1.25-YZ8	8	
4	HBolt-0.6250-11x1.250-YZ8	Bolt, Hex Head-5/8-11x1.25-YZ8	2	
5	HBolt-0.6250-11x2.250-YZ8	Bolt, Hex Head-5/8-11x2.25-YZ8	4	
6	HBolt-0.6250-11x8.000-YZ8	Bolt, Hex Hd-5/8-11x8-YZ8	4	
7	HBolt-0.7500-10x2.000-YZ8	Bolt, Hex Hd 3/4-10x2-YZ8	2	
8	HBolt-0.8750-9x1.750-YZ8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	4	
9	HClamp-SAE-512-SS	HClamp-SAE-512-SS	2	
10	HD Washer 0.64 x 2.50	HD Washer 0.64 x 2.50	2	
11	HD Washer 0.89 x 2.50	HD Washer 0.89 x 2.50	2	
12	HD Washer 0.89 x 3.00	HD Washer 0.89 x 3.00	2	
13	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	4	
14	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	4	
15	NLNut-0.7500-10-YZ8	Nut, Nylock 3/4-10-YZ8	2	
16	RivNut-0.3750-16-.150-.312	Rivnut, 3/8-16 UNC .150-.312 GR	4	
17	T0050854	Anti Rotation Insert	4	
18	T0051288	Tap Bar	2	
19	T0051383	Clamp, Hose Row Unit	6	
20	T0051533	Tee Jet Clip	6	
21	T0052124	Clean Out Cover	2	
22	T0052125	Seal, Clean Out Cover	2	
23	T0052450	Guide, Hose Seed Tube Cen Fr	2	
24	T0052463	Seed Hose Mtg Brkt	1	
25	TA00674	Tee Jet Valve Assy	6	
26	TA00705	Center Bar Row Units 30"	1	
27	TA00751	Assy, Manifold Fert Cen Bar	2	
28	TA00858	Assy, ECU	1	
29	TA00863	Assy, Lift & Fold Valve	1	
30	TW000585	Pin Weldment	2	
31	TW000615	Pin Weldment	2	
32	TW000630	Pin Weldment	2	
33	TW000749	24R30 Center Bar Weldment	1	

Note:

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



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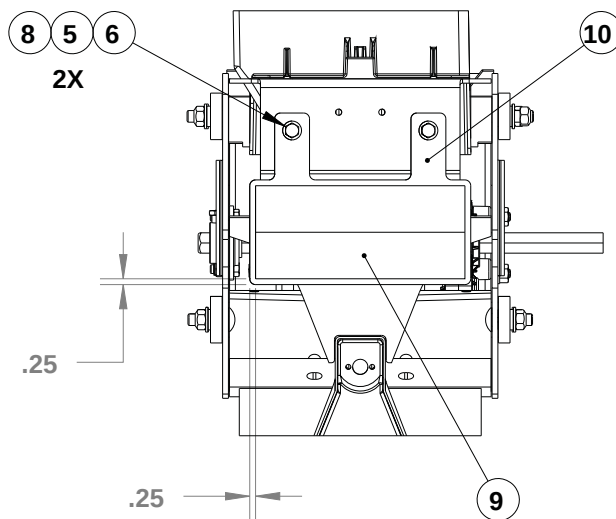


TA00705 Center Bar Row Units 24R30

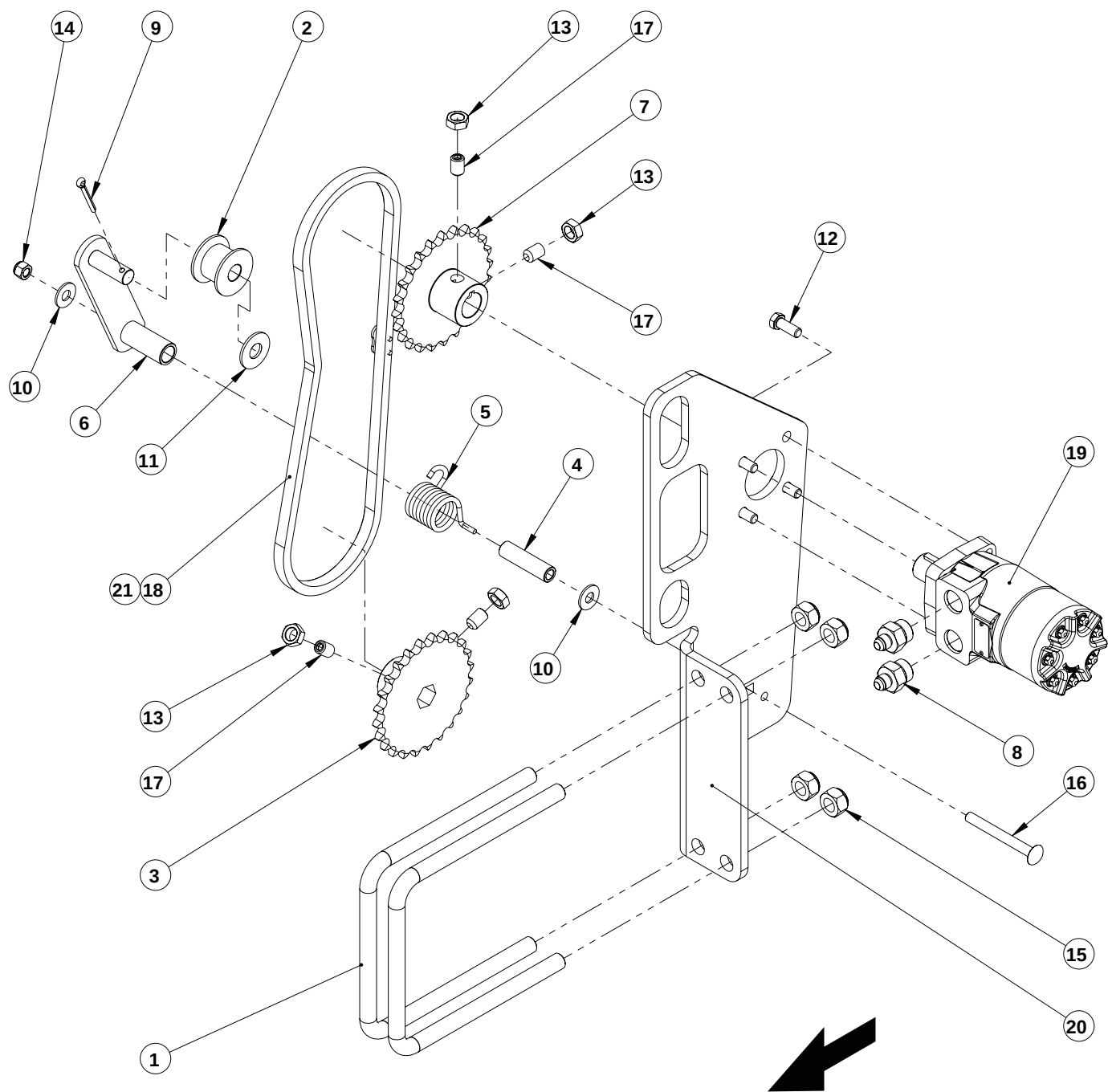
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0052345	Bearing, 7/8" Hex Hanger	8	
2	47525132	LH Row Unit	3	
3	47525133	RH Row Unit	3	
4	84534507	Gearbox	6	
5	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	8	
6	HBolt-0.3750-16x0.875-YZ8	Bolt, Hex Head-3/8"-16x7/8-YZ8	4	
7	HBolt-0.3750-16x1.000-YZ8	Bolt, Hex Hd 3/8-16x1-YZ8	8	
8	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	12	
9	T0051727	Decal, Refl Red,Orange-2x18	2	
10	T0051736	Brckt, Rear Row Unit Reflector	2	
11	T0052331	Hex Shaft, 75" Long	2	
12	TA00688	Assy, Hex Lock Collar w Bolt	4	
13	TA00799	Seed Drive Assy - Center Bar	2	

Note:

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

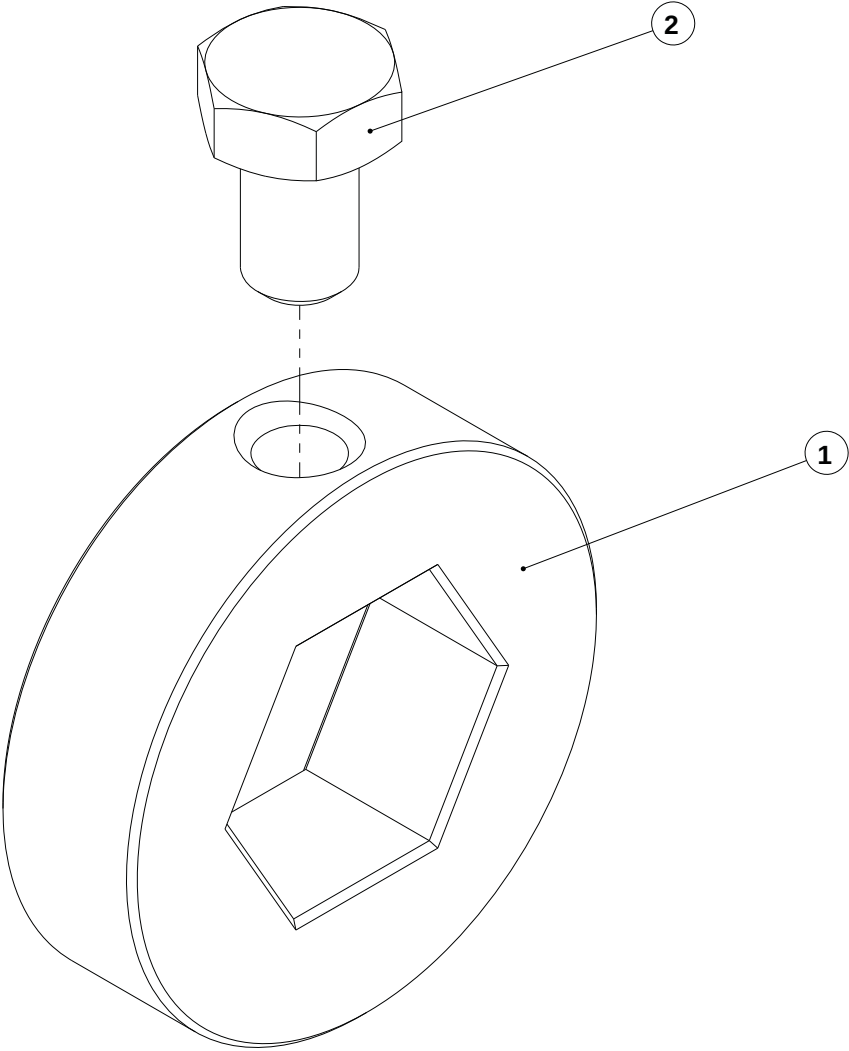
**DECAL PLACEMENT**

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TA00799 Seed Drive Assy - Center Bar 24R30				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	1250813C1	U Bolt	2	
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	ADAPTER 06MJ-10MB	ADAPTER 06MJ-10MB	2	
9	CotterPin-.1875X1.500	CotterPin-.1875X1.500	1	
10	FW-USS-0.375-YZ	Washer, Flat USS-3/8"-YZ	2	
11	FW-USS-0.563-YZ	Washer, Flat USS 9/16"-YZ	1	
12	HBolt-0.3750-16x1.000-YZ8	Bolt, Hex Hd 3/8-16x1-YZ8	4	
13	JNut-0.5000-13-YZ8	Nut, Jam 1/2-13-YZ8	4	
14	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	1	
15	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	4	
16	RHSNBolt-0.3750-16x3.500-YZ5	Bolt, RHSN 3/8-16x3-1/2-YZ5	1	
17	SScrew-0.5000-13x0.750-Cup	Screw, Set-1/2-13x3/4-Cup	4	
18	T0051312	Meter Drive Chain #50 66P	1	
19	T0051314	Motor, Hyd Seed Drive 11.9 CID	1	
20	T0052279	Seed Drive Brkt	1	
21	T0052298	Connector Link #50	1	

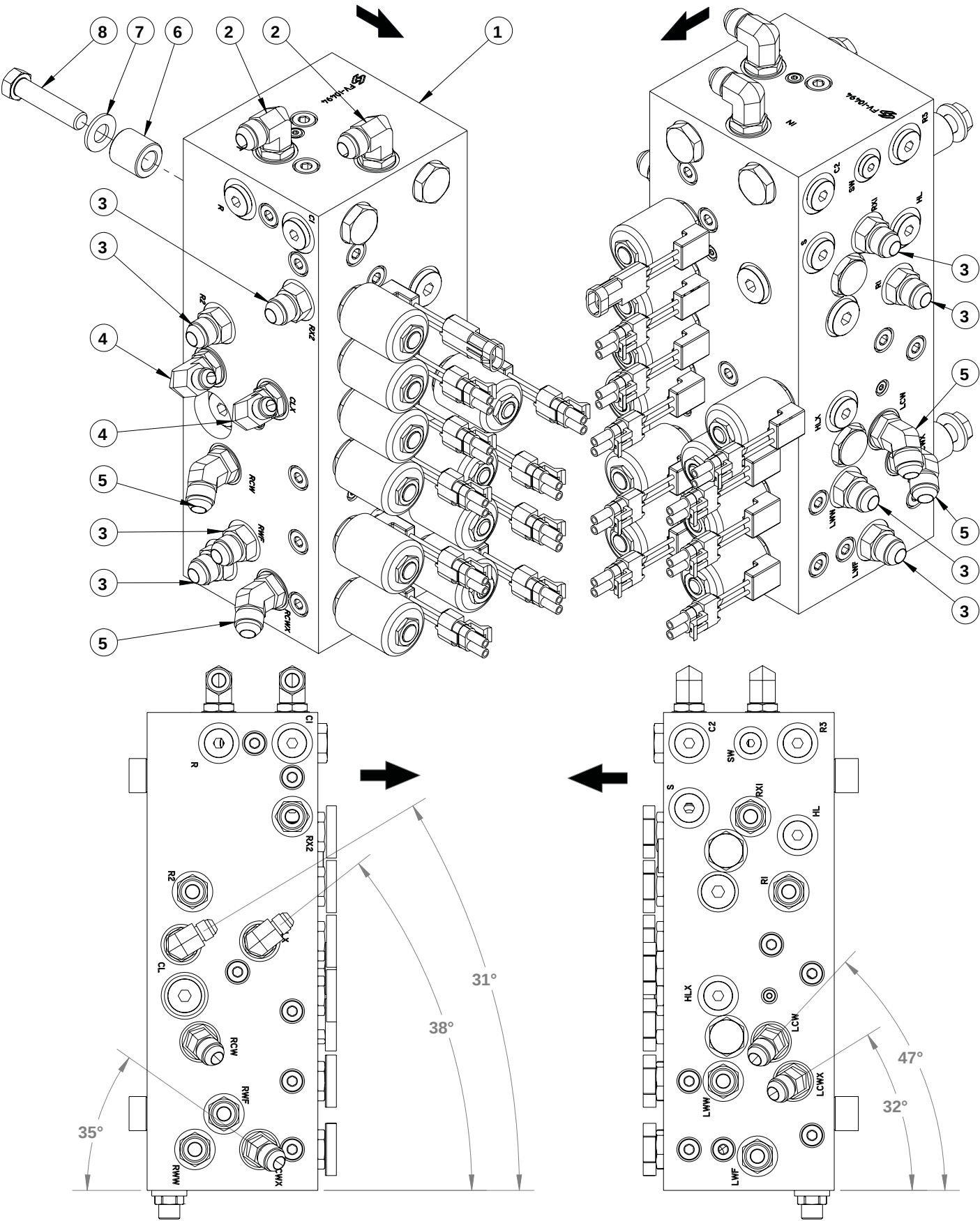
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TA00688 Assy, Hex Lock Collar w Bolt

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HLCOLLAR 0.875-YZ	Hex Lock Collar 7/8	1	
2	HBolt-0.3125-18x0.500-YZ8	Bolt, Hex Head-5/16-18x1/2-YZ8	1	

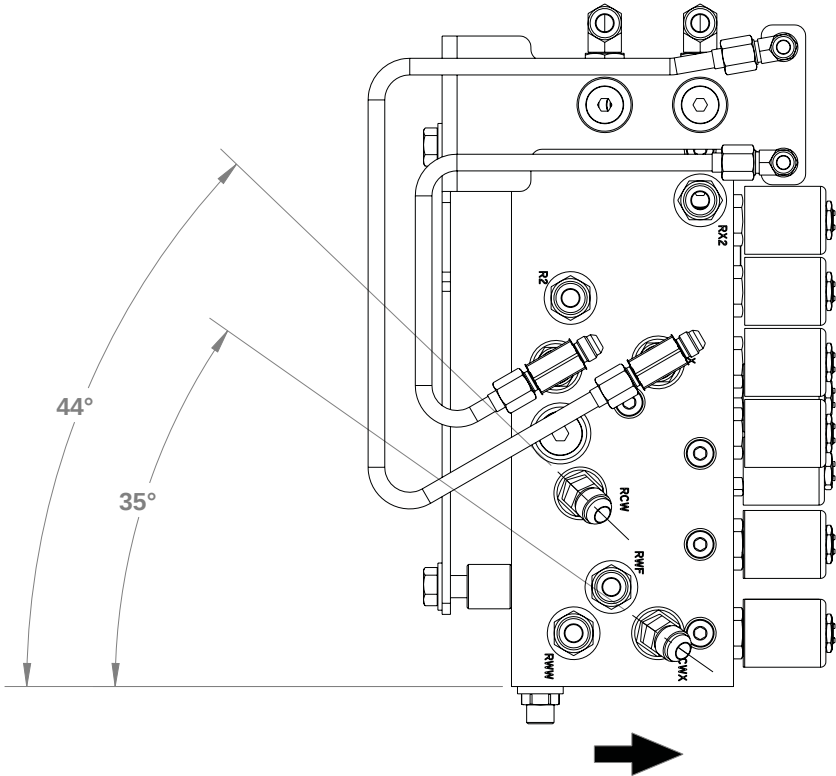
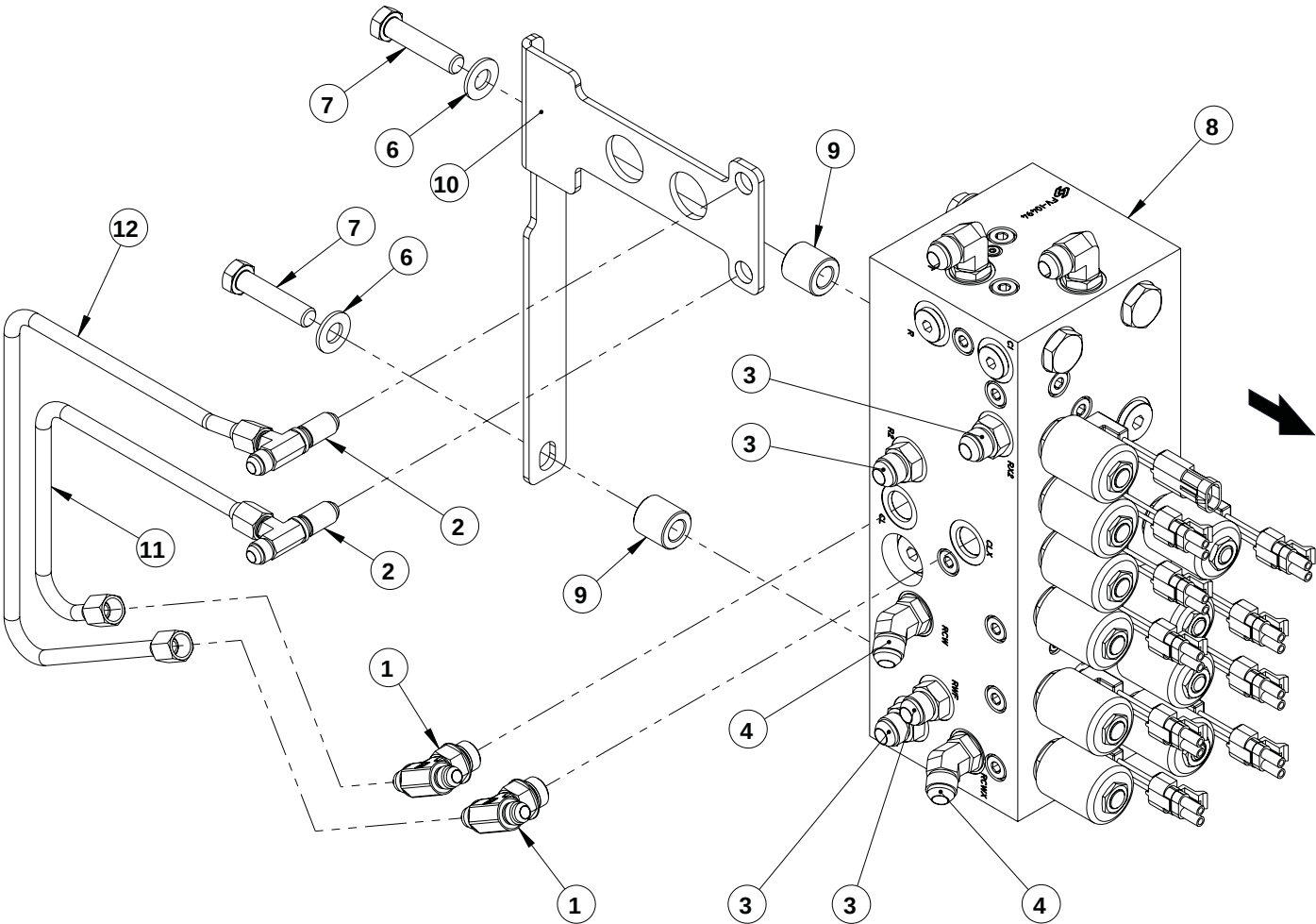
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TA00807 Assy, Lift & Fold Valve 24R22

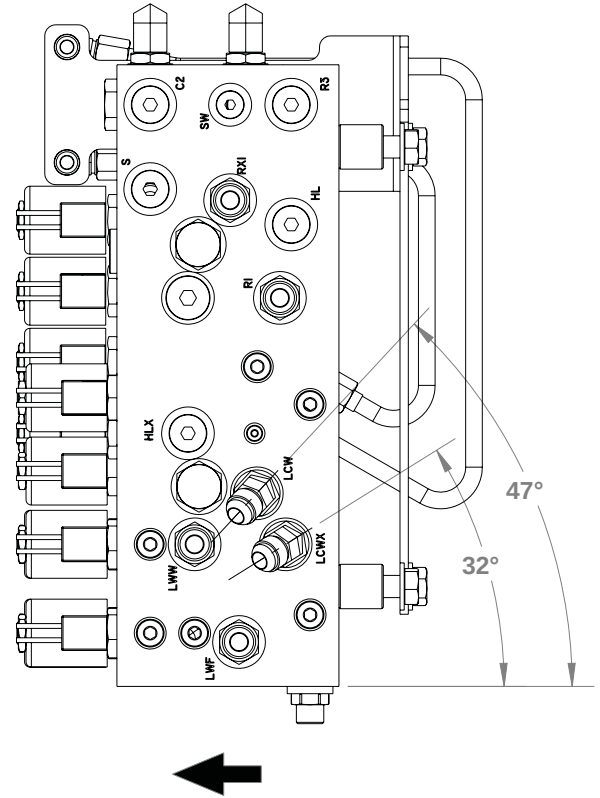
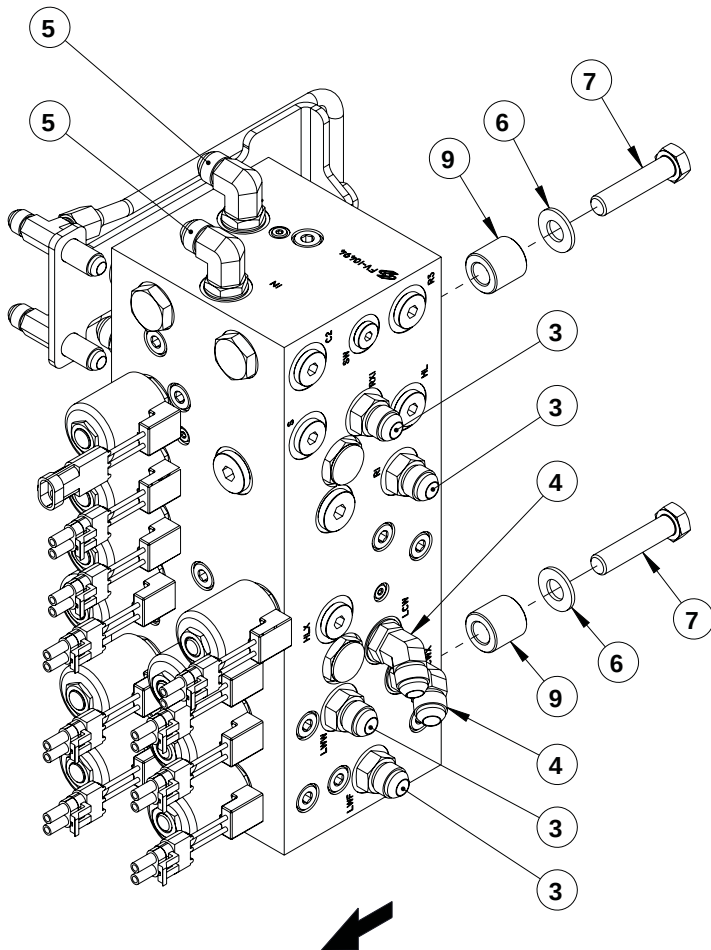
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0051838	Valve - Lift & Fold	1	
2	ADAPTER 08MJ-08MB 90	ADAPTER 08MJ-08MB 90	2	
3	ADAPTER 08MJ-08MB	ADAPTER 08MJ-08MB	8	
4	ADAPTER 06MJ-08MB 90	ADAPTER 06MJ-08MB 90	2	
5	ADAPTER 08MJ-08MB 45	ADAPTER 08MJ-08MB 45	4	
6	T0052525	Spacer, L&F Valve	4	
7	FW-SAE-0.500-YZ	Washer, Flat SAE - 1/2-YZ	4	
8	HBolt-0.5000-13x2.250-YZ8	Bolt, Hex Hd-1/2-13x2-1/4-YZ8	4	

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TA00863 Assy, Lift & Fold Valve 24R30

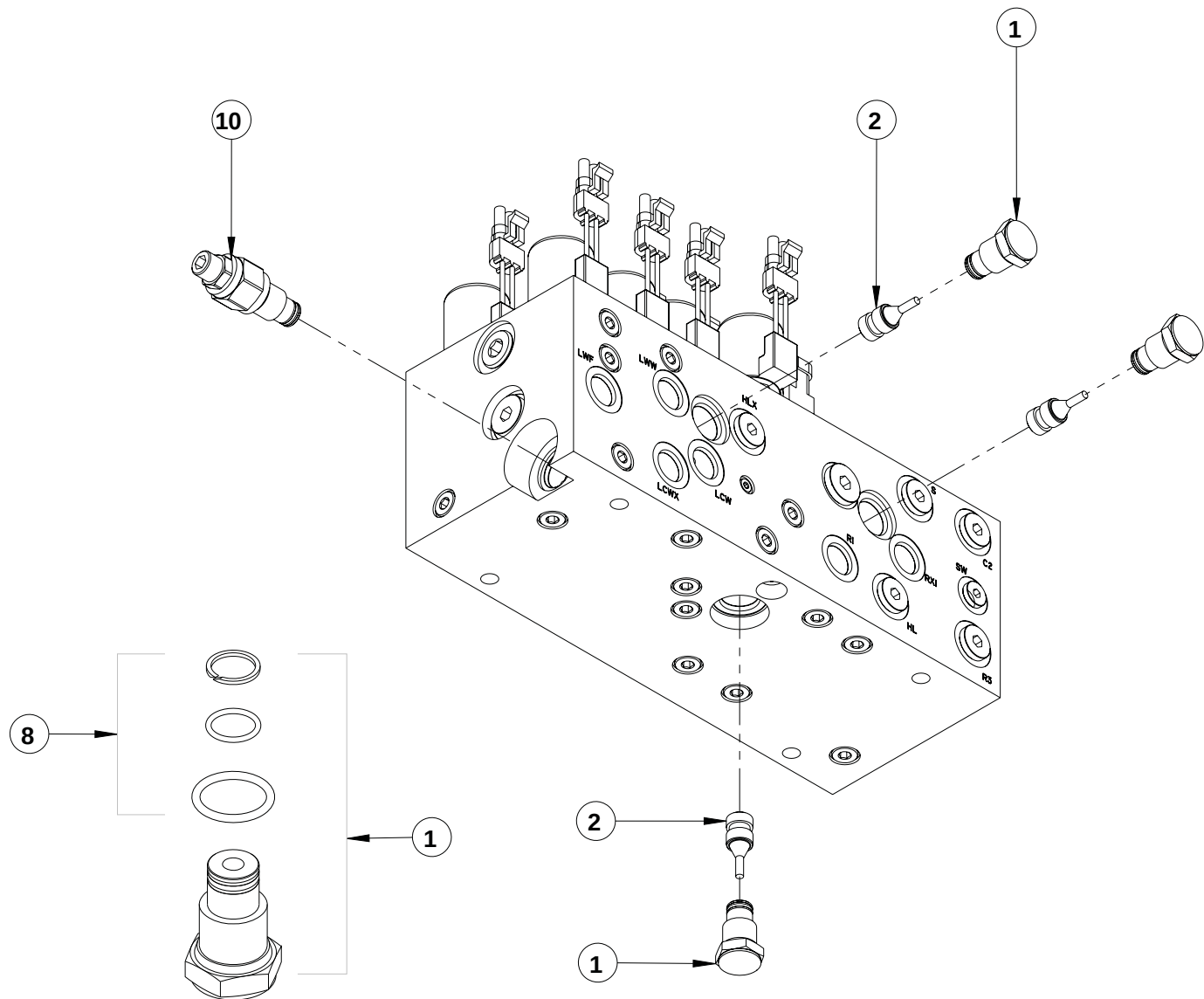
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	ADAPTER 06MJ-06MJ-08MB TEE	ADAPTER 06MJ-06MJ-08MB TEE	2	
2	ADAPTER 06MJT BH RUN	ADAPTER 06MJT BH RUN	2	
3	ADAPTER 08MJ-08MB	ADAPTER 08MJ-08MB	8	
4	ADAPTER 08MJ-08MB 45	ADAPTER 08MJ-08MB 45	4	
5	ADAPTER 08MJ-08MB 90	ADAPTER 08MJ-08MB 90	2	
6	FW-SAE-0.500-YZ	Washer, Flat SAE - 1/2-YZ	4	
7	HBolt-0.5000-13x2.250-YZ8	Bolt, Hex Hd-1/2-13x2-1/4-YZ8	4	
8	T0051838	Valve - Lift & Fold	1	
9	T0052525	Spacer, L&F Valve	4	
10	T0052706	Bracket, Bulkhead	1	
11	T0052707	Tube Assy, Cradle Inner	1	
12	T0052708	Tube Assy, Cradle Outer	1	



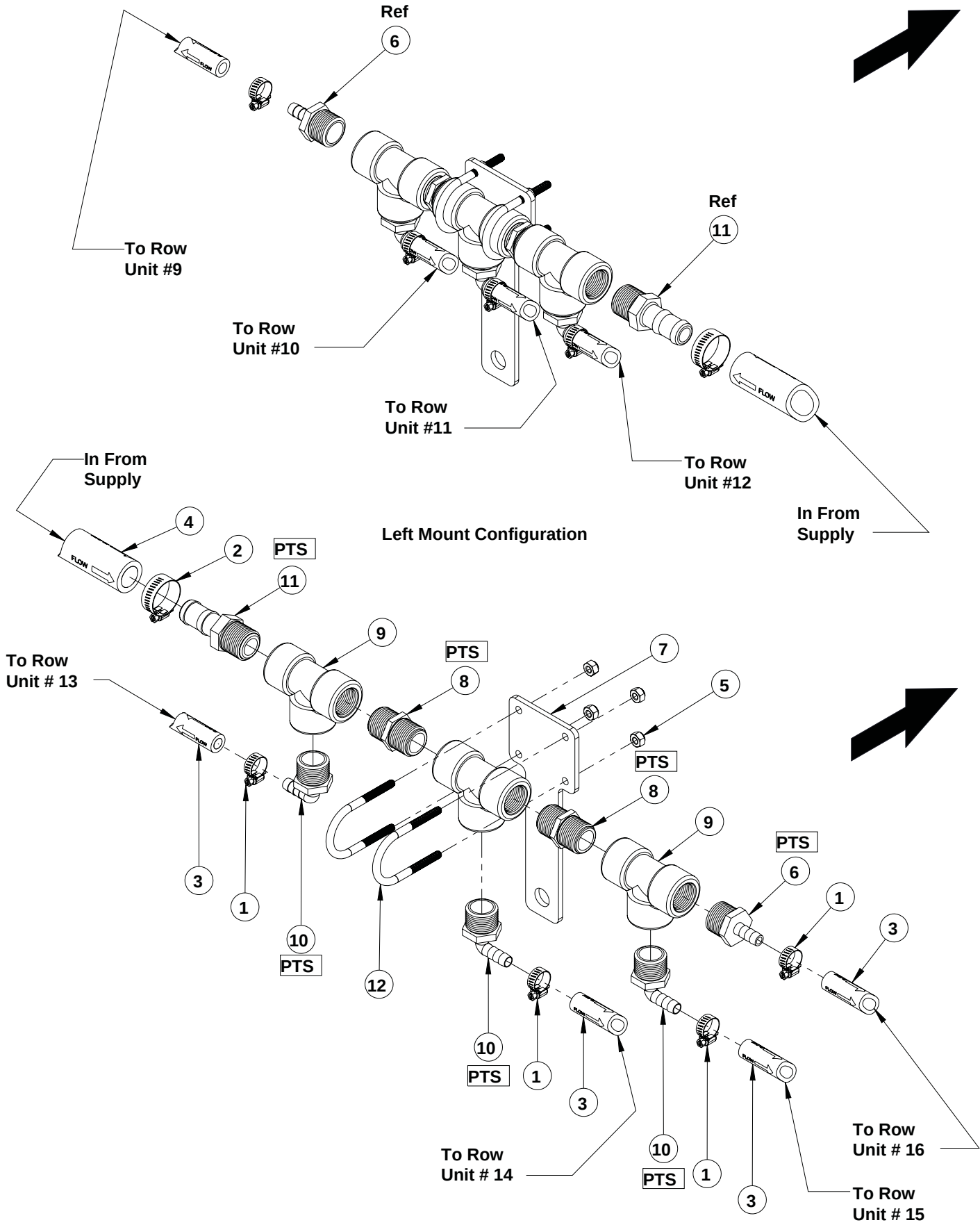


T0051838 Valve Assy, Lift & Fold				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	442478A1	Check Valve	3	
2	1272343C2	Pilot Piston	3	
3	1340843C1	Coil	1	
4	73113425	Nut	10	5
5	87436627	Assy, Valve Uni-Directional Cartridge	6	40
6	126054A1	Seal Package	6	
7	87506119	Assy, Valve Bi-Directional Cartridge	4	40
8	86508168	Seal Kit	4	
9	87506121	Coil	9	
10	T0052916	Relief Valve, Bi-Directional	1	

Notes:
1. Item 4 (Part No. 73113425) is included in Item 6 (Part No. 87436627) and Item 7 (Part No. 87506119).



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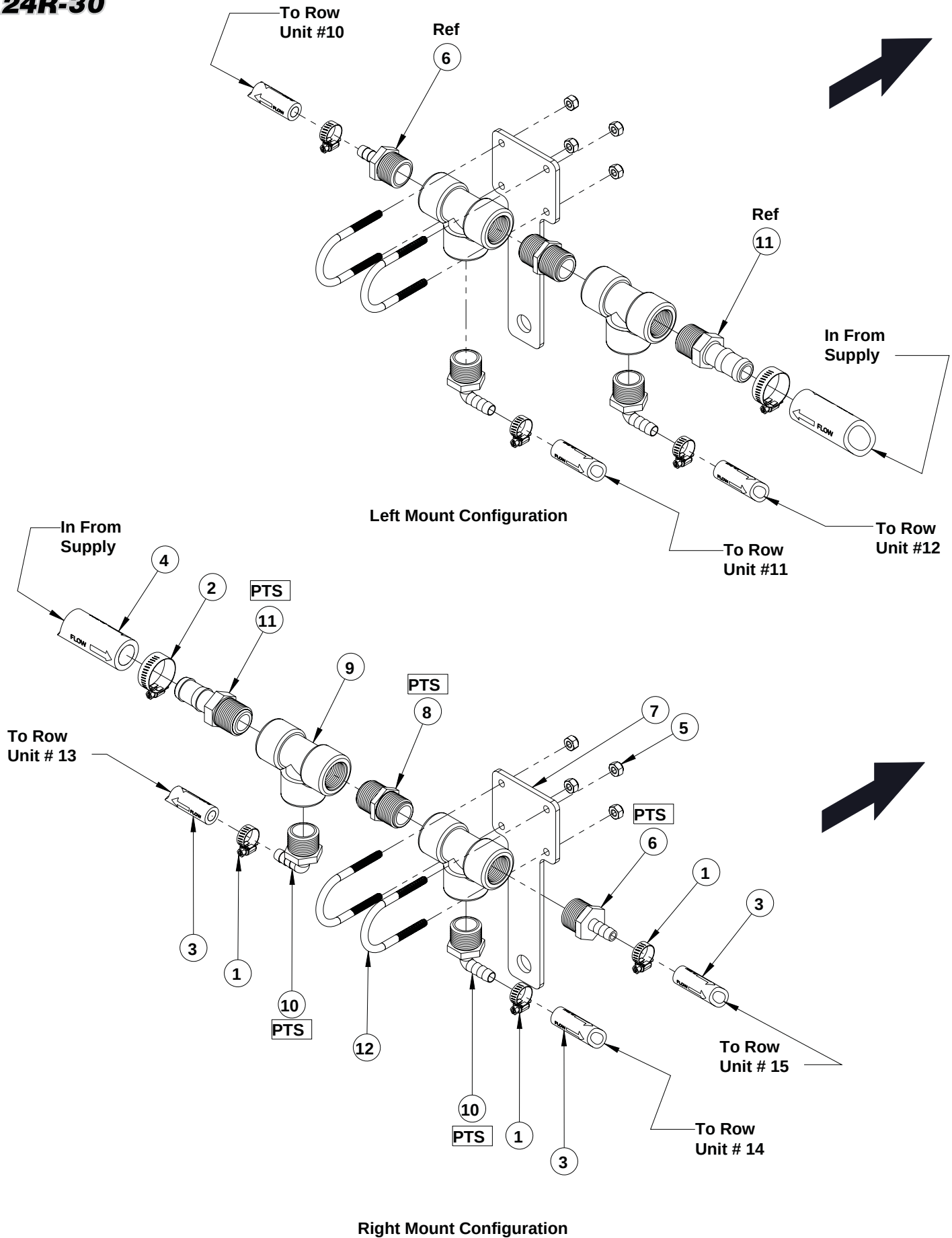
TA00679 Assy, Manifold Fert Cen Bar 24R22

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HClamp-SAE-06-SS	Hose Clamp, SAE #6-SS	4	
2	HClamp-SAE-10-SS	Clamp, Hose-SAE #10-SS	1	
3	Hose-Ø.375 ID AG Spray 200	Hose, Ø.375 ID Ag Spray 200	4	
4	Hose-Ø.75 ID AG Spray 200	Hose, Ø.750 ID Ag Spray 200	1	
5	NLNut-0.2500-20-SS	Nut, Nylock 1/4"-20-SS	4	
6	T0051543	Hose Barb 3/4" MPT x 3/8" HB	1	
7	T0051555	Mount Fertilizer Manifold	1	
8	T0051557	Nipple 3/4" Short	2	
9	T0051558	Tee 3/4" Threaded	3	
10	T0051641	3/4" MPT x 3/8" HB Elbow	3	
11	T0051643	3/4" MPT x 3/4" HB SCH. 40	1	
12	UBolt-0.2500x1.50x2.75-RB-SS	UBolt-0.2500x1.50x2.75-RB-SS	2	

Note:

1. PTS=Apply Pipe Thread Sealant, Use Rectorseal #21 or Equivalent.
2. For item #3, use P/N T0051674 Hose, Ø3/8 AG Spray 200 (100' Roll).
3. For item #4, use P/N T0051957 Hose, Ø3/4 AG Spray 200 (100' Roll).

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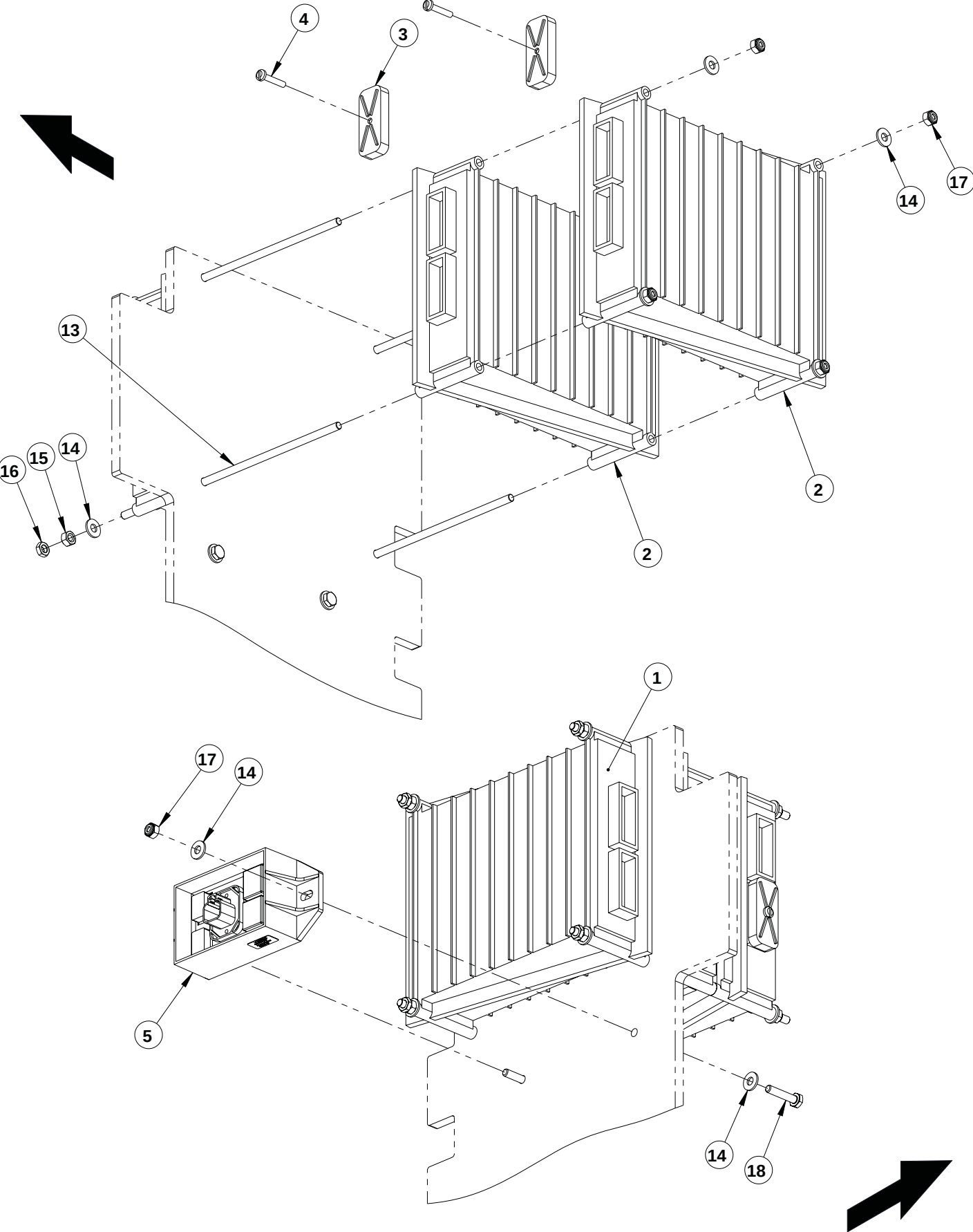
TA00751 Assy, Manifold Fert Cen Bar 24R30

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HClamp-SAE-06-SS	Hose Clamp, SAE #6-SS	3	
2	HClamp-SAE-10-SS	Clamp, Hose-SAE #10-SS	1	
3	Hose-Ø.375 ID AG Spray 200	Hose, Ø.375 ID Ag Spray 200	3	
4	Hose-Ø.75 ID AG Spray 200	Hose, Ø.750 ID Ag Spray 200	1	
5	NLNut-0.2500-20-SS	Nut, Nylock 1/4"-20-SS	4	
6	T0051543	Hose Barb 3/4" MPT x 3/8" HB	1	
7	T0051555	Mount Fertilizer Manifold	1	
8	T0051557	Nipple 3/4" Short	1	
9	T0051558	Tee 3/4" Threaded	2	
10	T0051641	3/4" MPT x 3/8" HB Elbow	2	
11	T0051643	3/4" MPT x 3/4" HB SCH. 40	1	
12	UBolt-0.2500x1.50x2.75-RB-SS	UBolt-0.2500x1.50x2.75-RB-SS	2	

Note:

1. PTS=Apply Pipe Thread Sealant, Use Rectorseal #21 or Equivalent.
2. For item #3, use P/N T0051674 Hose, Ø3/8 AG Spray 200 (100' Roll).
3. For item #4, use P/N T0051957 Hose, Ø3/4 AG Spray 200 (100' Roll).

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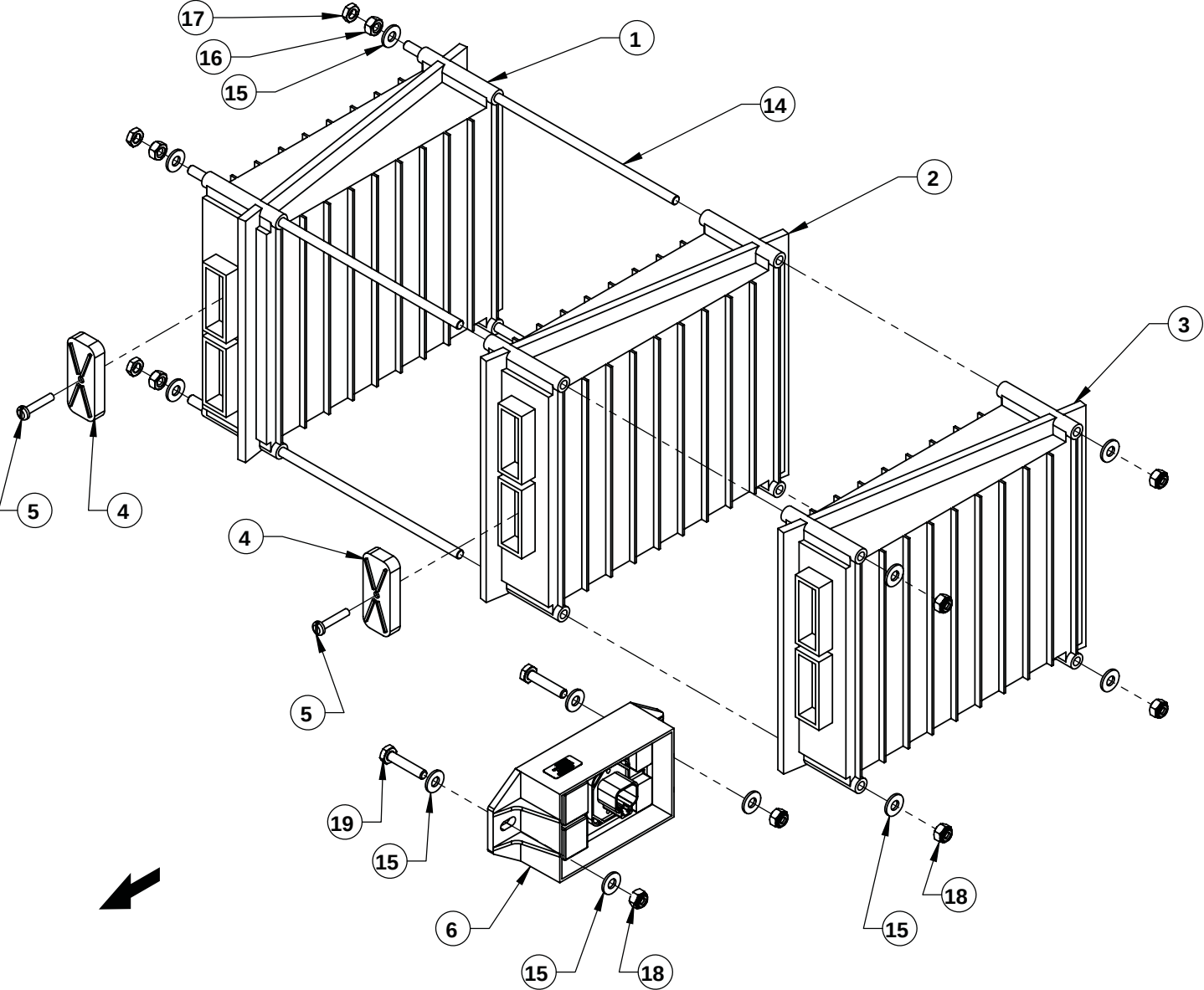


TA00858 Assy, ECU 24R22				
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	84485907	MODULE, RATE, DUAL CAN, IB	1	
2	87588172	MODULE, FRM,IB	2	
3	425269A1	Dust Cap 30-Pin	2	
4	470-11016	SL-PHMS #10-24x1.000-YZ	2	
5	86561136	Module, Implement Lighting Control	1	
6	T0052362	Harness, Splitter	1	
7	T0051438	Harness - Coil Simulator	2	
8	T0051439	Harness - Coil Simulator	1	
9	T0052437	Harness, PDP Extension	1	
10	T0052462	Harness, Height Sensor Ext.	1	
11	T0052522	Harness, Warning Lights Ext.	2	
12	T0052527	Harness, Calibration Ext.	1	
13	T0051460	Rod, Threaded .2500-20UNC X 10.000	4	
14	FW-SAE-0.250-YZ	Washer, SAE Flat 1/4-YZ	12	
15	HNut-0.2500-20-YZ8	Nut, Hex 1/4-20-YZ8	4	
16	JNut-0.2500-20-YZ8	Nut, Jam 1/4-20-YZ8	4	
17	NLNut-0.2500-20-YZ8	Nut, Nylock 1/4-20-YZ8	6	
18	HBolt-0.2500-20x1.250-YZ8	Bolt, Hex Hd 1/4-20x1-1/4-YZ8	2	

Note:

1. Harnesses are not included in this isometric representation for the assembly.

24R-30

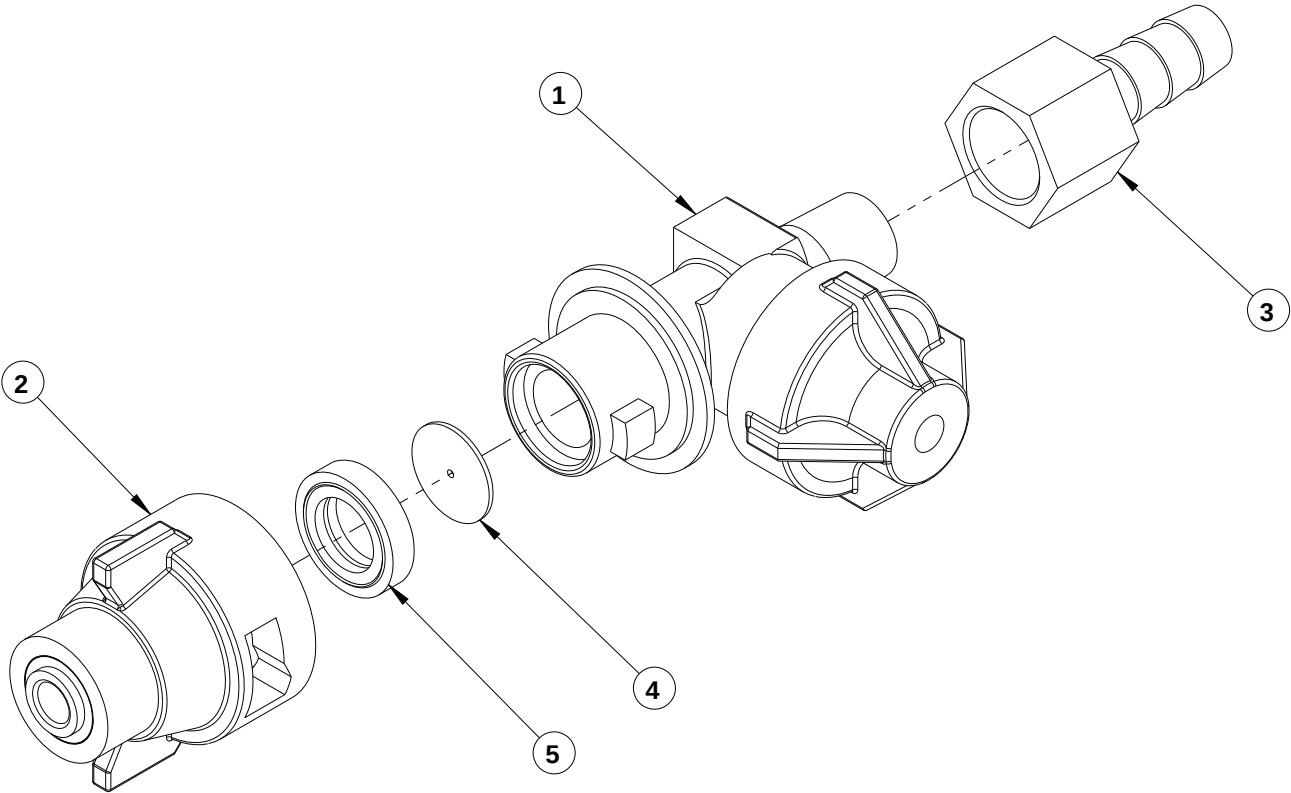


TA00892 Assy, ECU 24R30				
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	87588172	MODULE, FRM,IB	1	
2	87588172	MODULE, FRM,IB	1	
3	84485907	MODULE, RATE, DUAL CAN, IB	1	
4	425269A1	Dust Cap 30-Pin	2	
5	470-11016	SL-PHMS #10-24x1.000-YZ	2	
6	86561136	Module, Implement Lighting Control	1	
7	T0052362	Harness, Splitter (Not Shown)	1	
8	T0051438	Harness - Coil Simulator (Not Shown)	2	
9	T0051439	Harness - Coil Simulator (Not Shown)	1	
10	T0052437	Harness, PDP Extension (Not Shown)	1	
11	T0052462	Harness, Height Sensor Ext. (Not Shown)	1	
12	T0052522	Harness, Warning Lights Ext. (Not Shown)	2	
13	T0052527	Harness, Calibration Ext. (Not Shown)	1	
14	T0051460	Rod, Threaded .2500-20UNC X 10.000	4	
15	FW-SAE-0.250-YZ	Washer, SAE Flat 1/4-YZ	12	
16	HNut-0.2500-20-YZ8	Nut, Hex 1/4-20-YZ8	4	
17	JNut-0.2500-20-YZ8	Nut, Jam 1/4-20-YZ8	4	
18	NLNut-0.2500-20-YZ8	Nut, Nylock 1/4-20-YZ8	6	
19	HBolt-0.2500-20x1.250-YZ8	Bolt, Hex Hd 1/4-20x1-1/4-YZ8	2	

Note:

1. Harnesses are not included in this isometric representation for the assembly.

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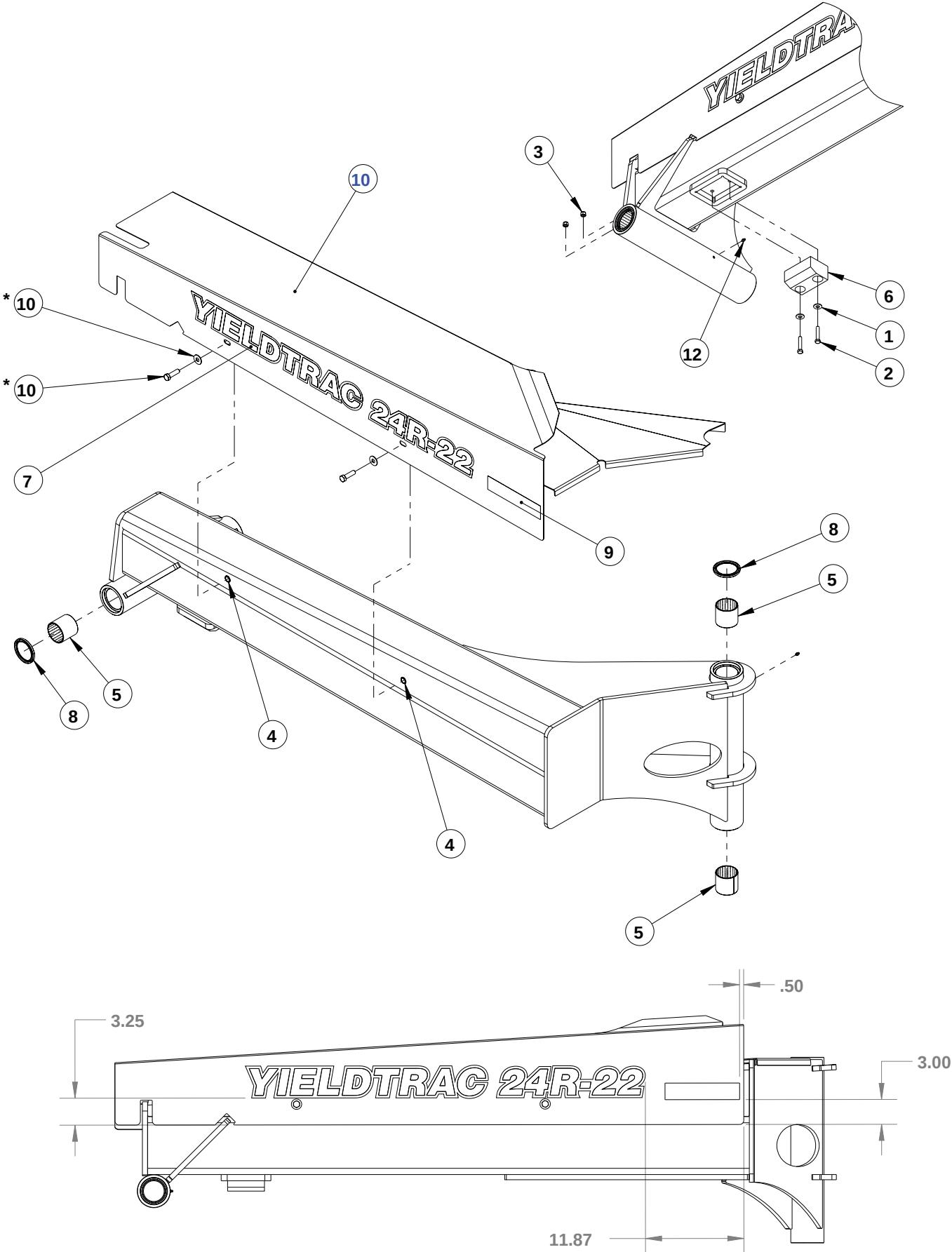


TA00674 Tee Jet Valve Assy

ITEM	PART NUMBER	DESCRIPTION	QTY
1	T0051529	Tee Jet Check Valve Assy	1
2	T0051530	TeeJet 1/4 Inch Hose Adaptor	1
3	T0051544	Hose Barb 1/4" FPT x 3/8" HB	1
4	CP4916-29	Orifice - .029	1
4	CP4916-35	Orifice - .035	1
4	CP4916-40	Orifice - .040	1
4	CP4916-47	Orifice - .047	1
4	CP4916-52	Orifice - .052	1
4	CP4916-65	Orifice - .065	1
4	CP4916-89	Orifice - .089	1
5	T0051532	Orifice Seal	1

*** NOTE:** Item # 4 is not Installed so that the end user may pick the preferred size orifice. See your Titan Machinery dealer.

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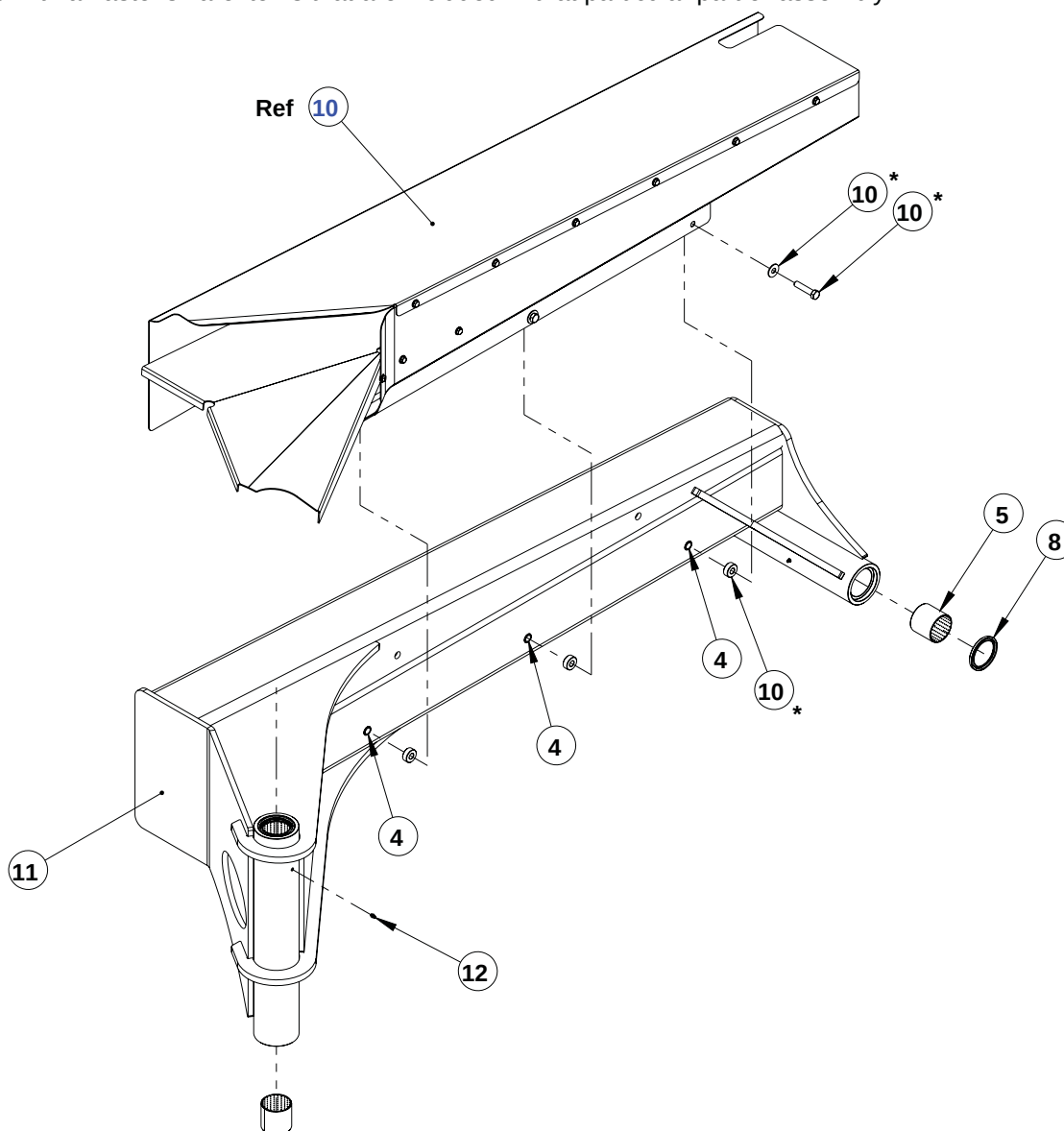


TA00717 LH Stub Arm Assy

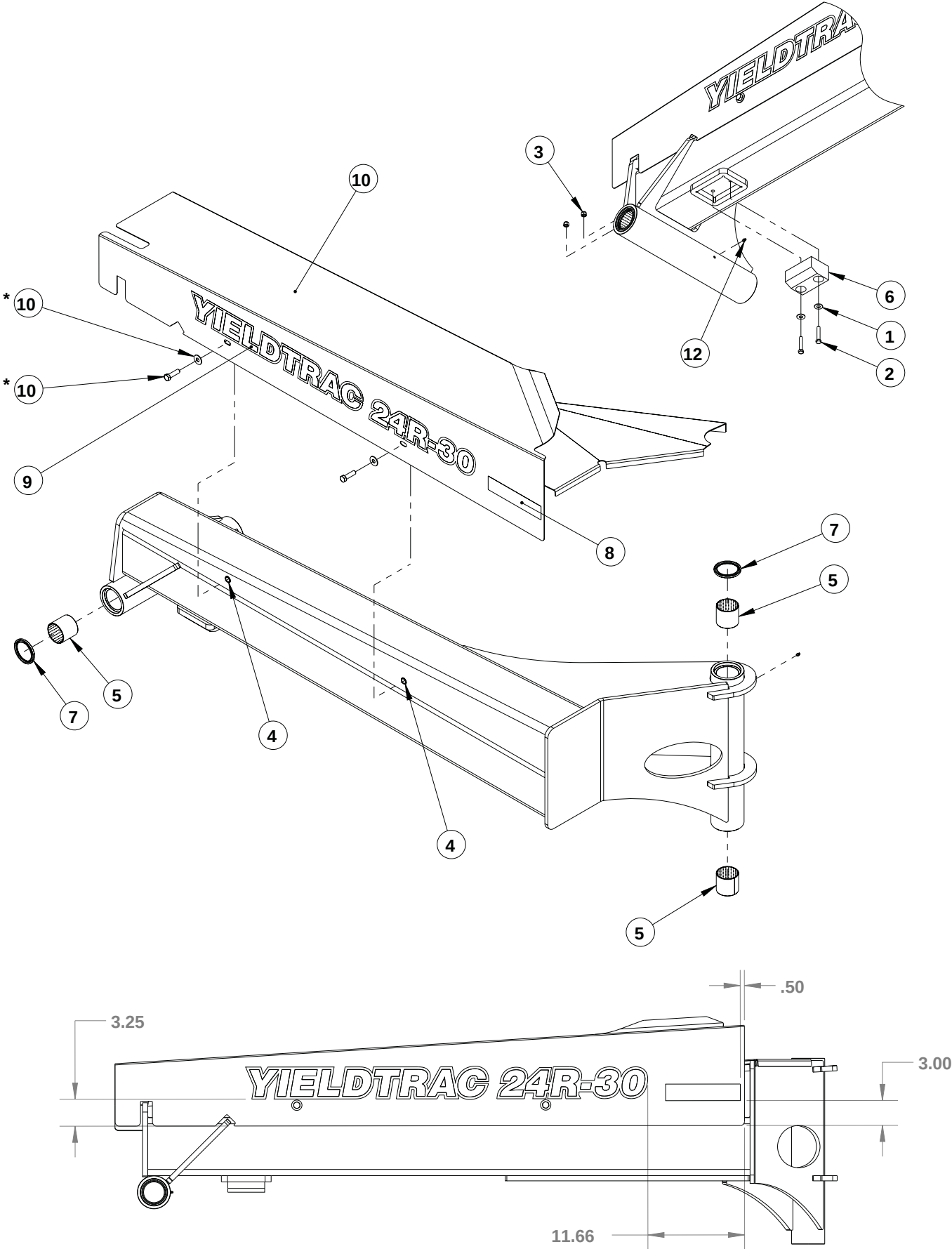
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-USS-0.375-YZ	Washer, Flat USS-3/8"-YZ	2	
2	HBolt-0.3750-16x2.000-YZ8	Bolt, Hex Head-3/8-16x2-YZ8	2	
3	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	2	
4	RivNut-0.5000-13-.350-.500	Rivnut, 1/2-13 UNC .350-.500 GR	5	
5	T0050952	Stl Backed Brz Bearing 2.5 ID	4	
6	T0051114	Slider Block	1	
7	T0051453	Decal, Yldtrac 24R22-3.8x48.2	1	
8	T0051584	2.50 Grease Seal	3	
9	T0051729	Decal, Reflector, Yellow-2x9	1	
10	TA00788	LH Stub Arm Shield Assy	1	
11	TW000701	LH Stub Arm Weldment	1	
12	Zerk-0.2500-28	Zerk, 1/4-28	2	

Note:

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



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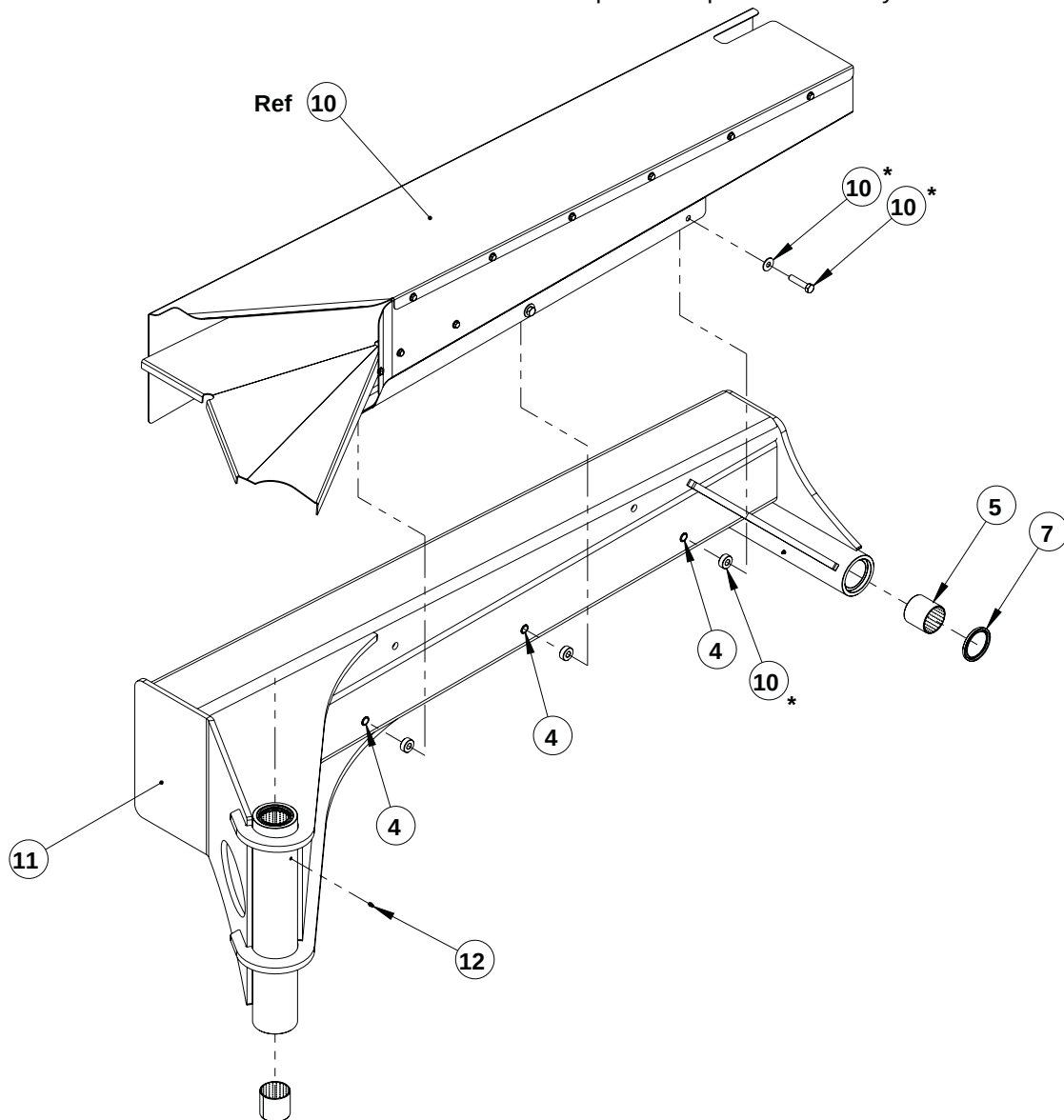


TA00869 Assy, LH Stub Arm 24R30

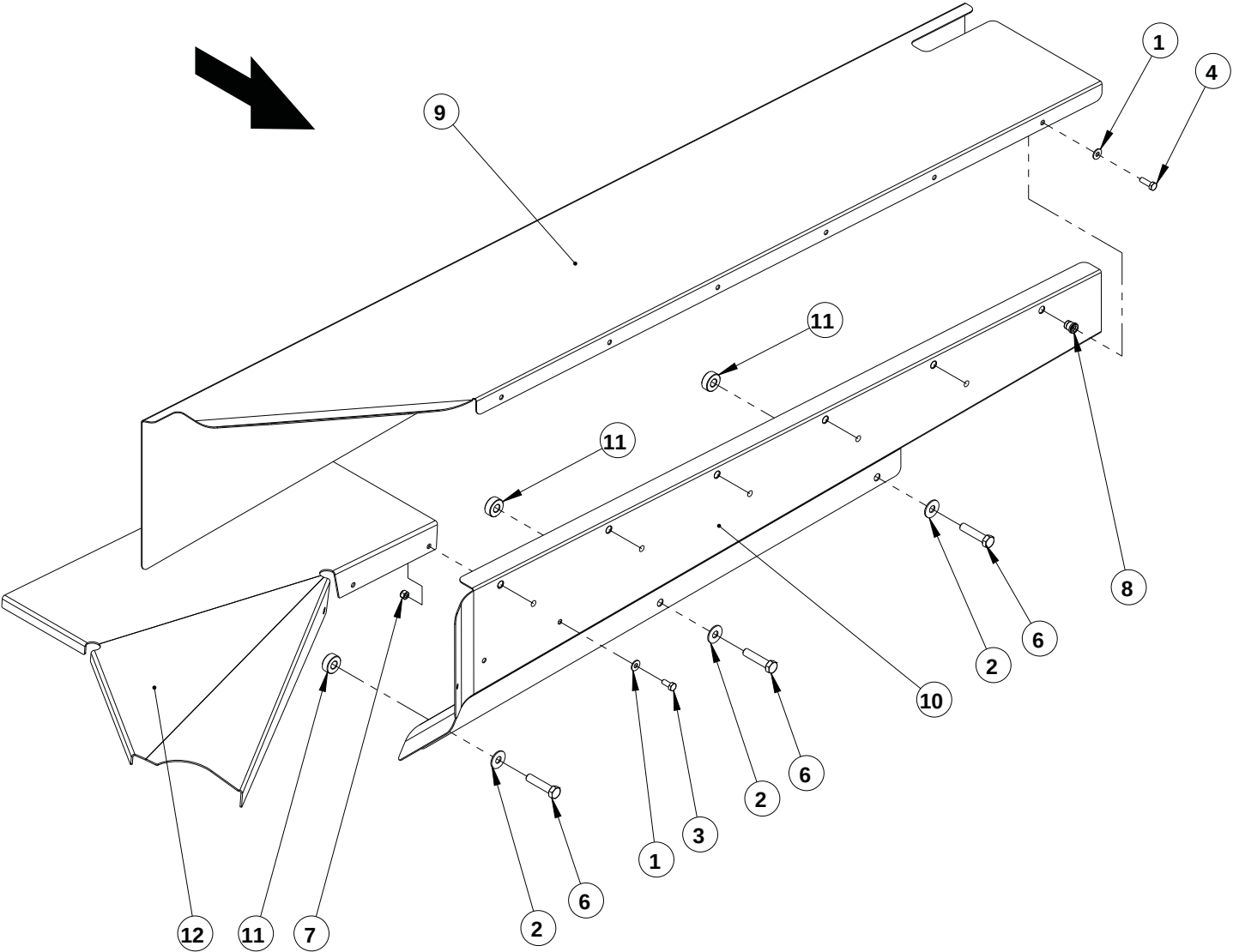
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-USS-0.375-YZ	Washer, Flat USS-3/8"-YZ	2	
2	HBolt-0.3750-16x2.000-YZ8	Bolt, Hex Head-3/8-16x2-YZ8	2	
3	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	2	
4	RivNut-0.5000-13-.350-.500	Rivnut, 1/2-13 UNC .350-.500 GR	5	
5	T0050952	Stl Backed Brz Bearing 2.5 ID	4	
6	T0051114	Slider Block	1	
7	T0051584	2.50 Grease Seal	3	
8	T0051729	Decal, Reflector, Yellow-2x9	1	
9	T0052651	Decal, Yldtrac 24R30-3.8x48.5	1	
10	TA00788	LH Stub Arm Shield Assy	1	
11	TW000701	LH Stub Arm Weldment	1	
12	Zerk-0.2500-28	Zerk, 1/4-28	2	

Note:

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

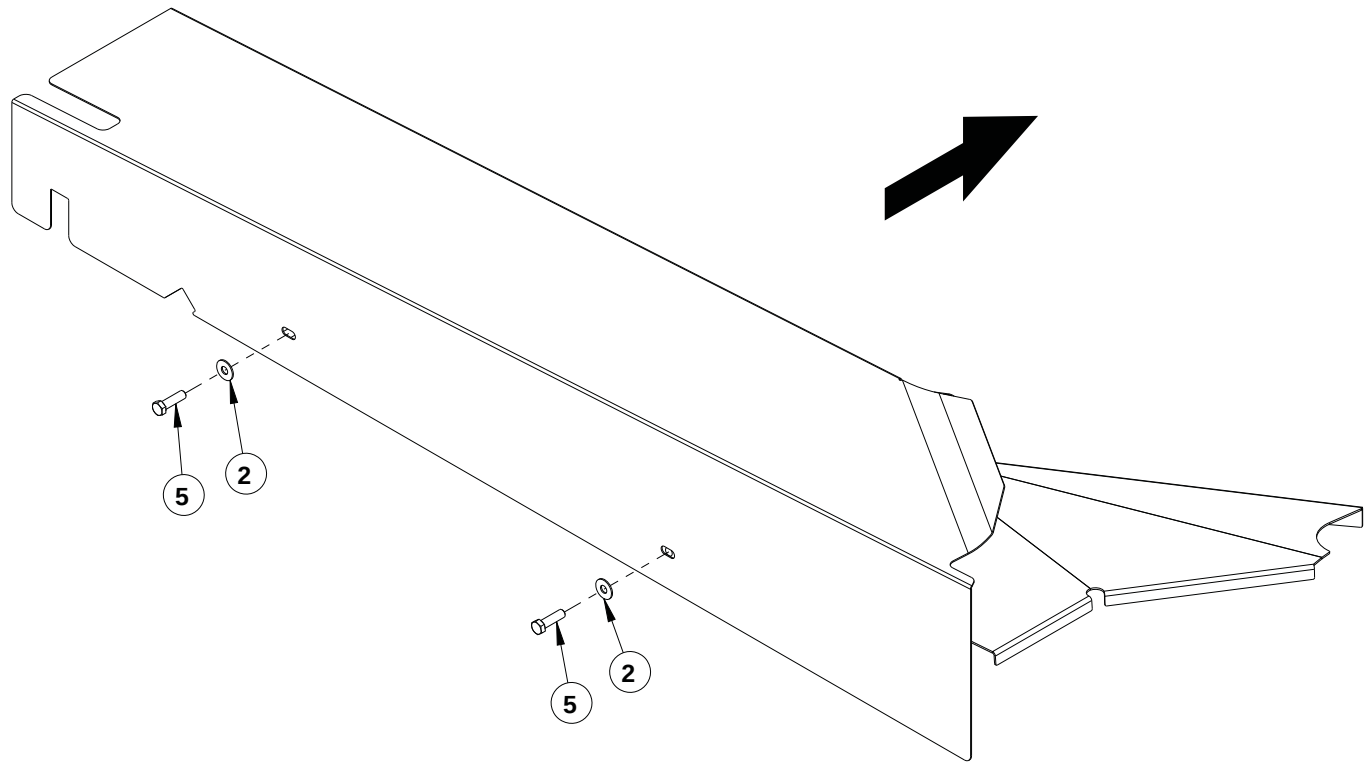


24R-22 24R-30

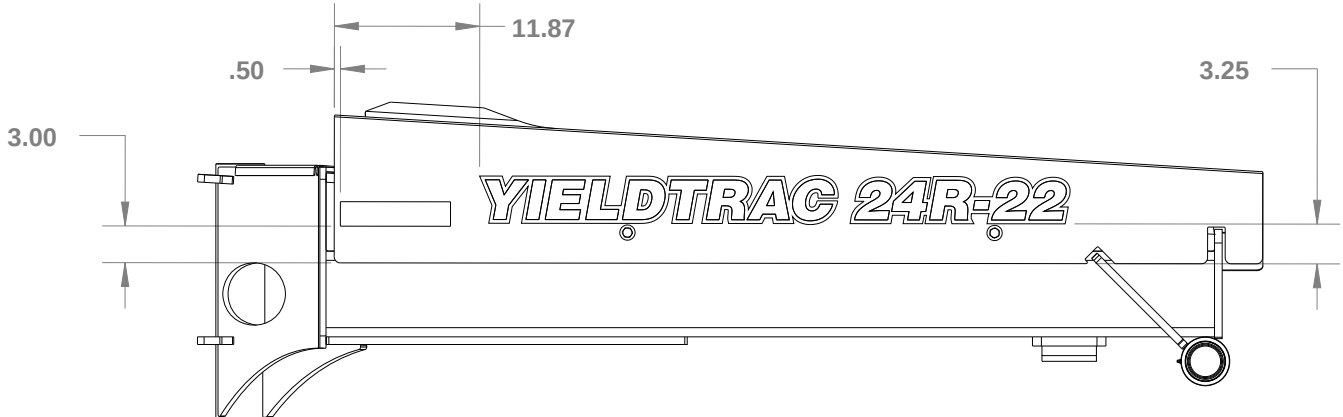
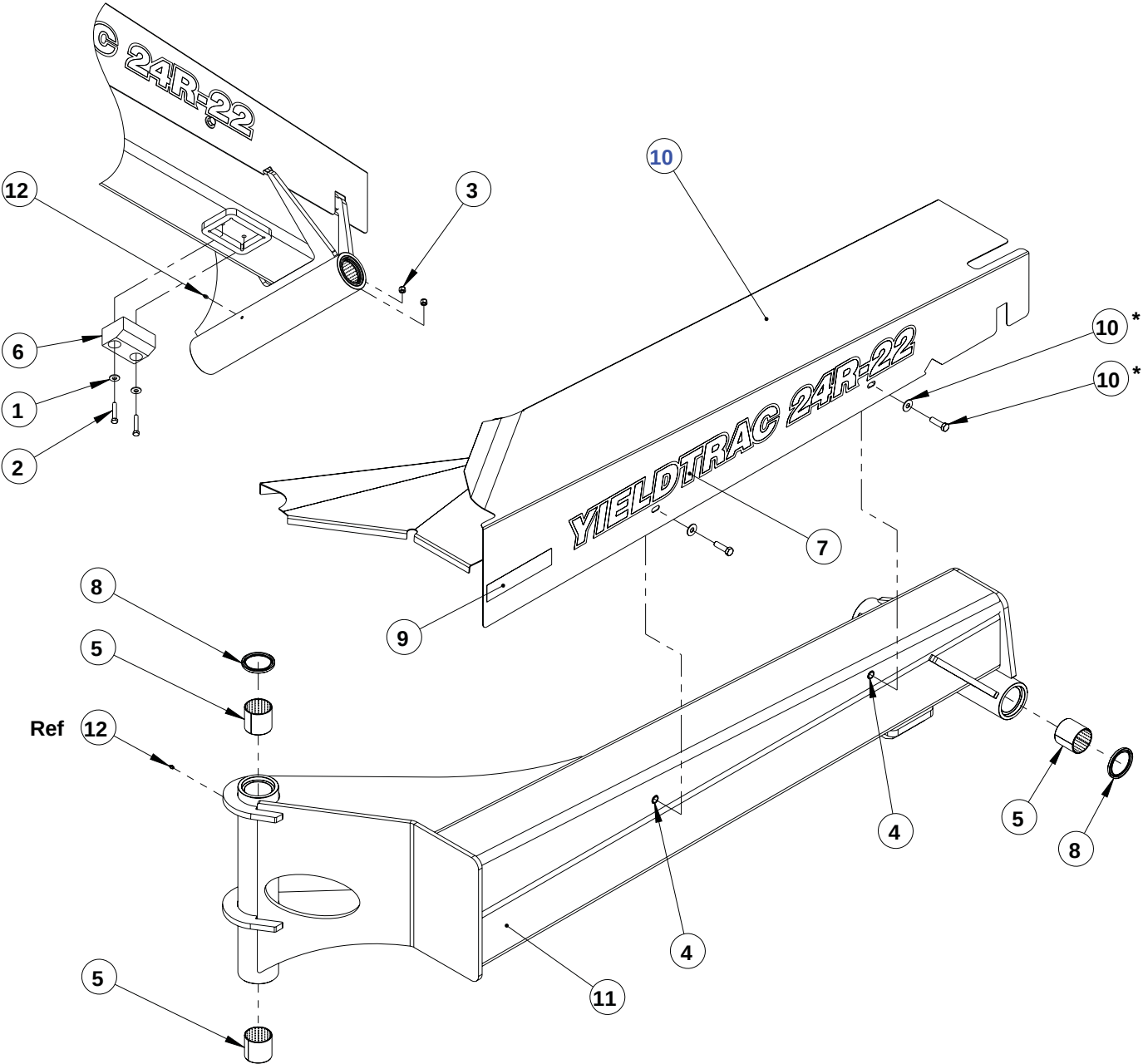


TA00788 LH Stub Arm Shield Assy

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-USS-0.250-YZ	Washer, Flat USS 1/4" YZ	9	
2	FW-USS-0.438-YZ	Washer, Flat-USS 7/16-YZ	5	
3	HBolt-0.3125-18x0.750-YZ8	Bolt, Hex Head 5/16"-18x3/4-YZ8	3	
4	HBolt-0.3125-18x1.000-YZ8	Bolt, Hex Head-5/16"-18x1-YZ8	6	
5	HBolt-0.5000-13x1.750-YZ8	Bolt, Hex Head-1/2-13x1-3/4-YZ8	2	
6	HBolt-0.5000-13x2.250-YZ8	Bolt, Hex Hd-1/2-13x2-1/4-YZ8	3	
7	NLNut-0.3125-18-YZ8	Nut, Nylock 5/16"-18-YZ8	3	
8	RivNut-0.3125-18-.027-.150	Rivnut, 5/16-18 UNC .027-.150	6	
9	T0052203	Stub Arm Back Shield	1	
10	T0052204	Front Shield	1	
11	T0052276	Spacer	3	
12	T0052654	Bracket, LH Shield Seed Hose	1	



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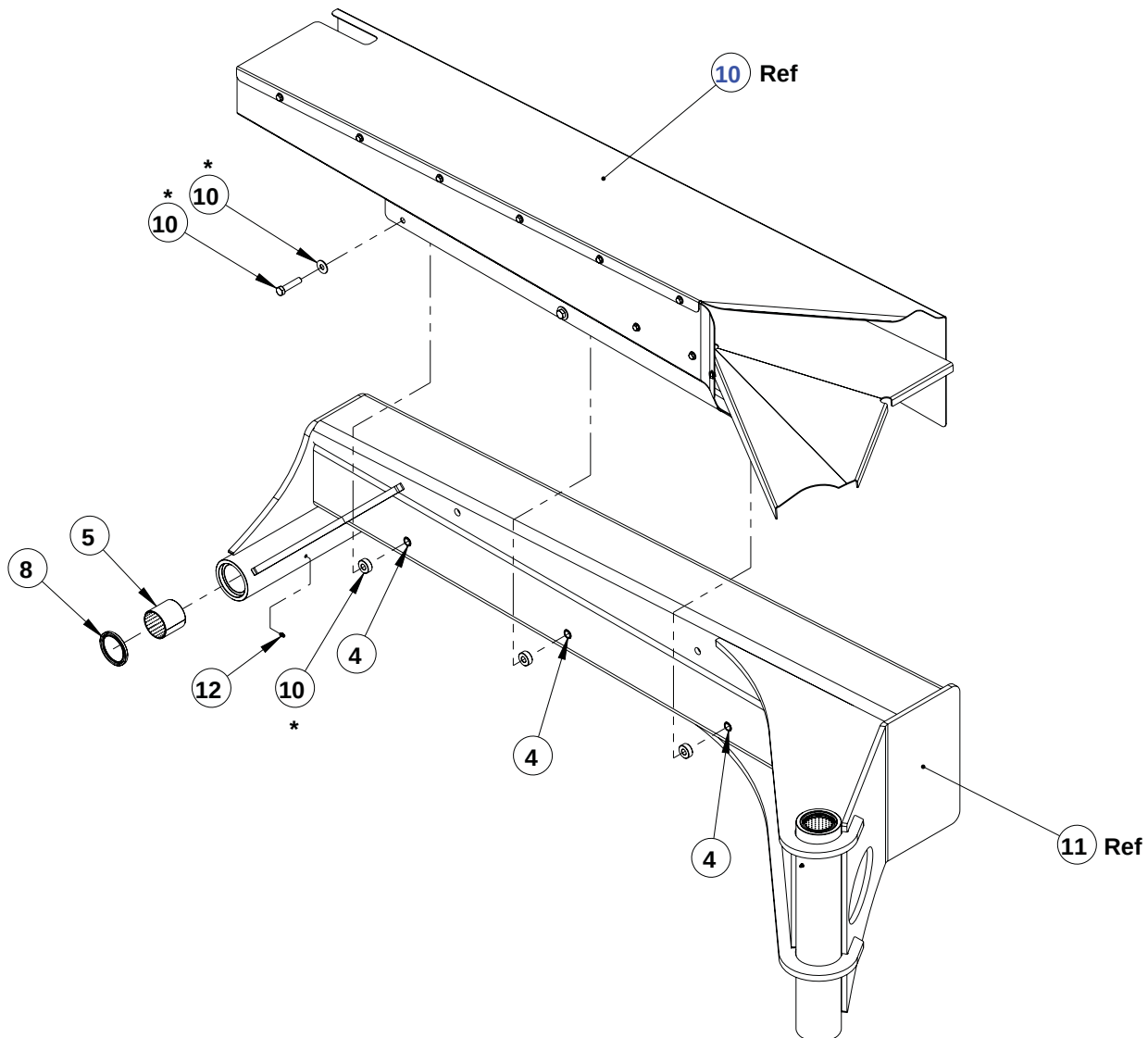


TA00718 RH Stub Bar Assy

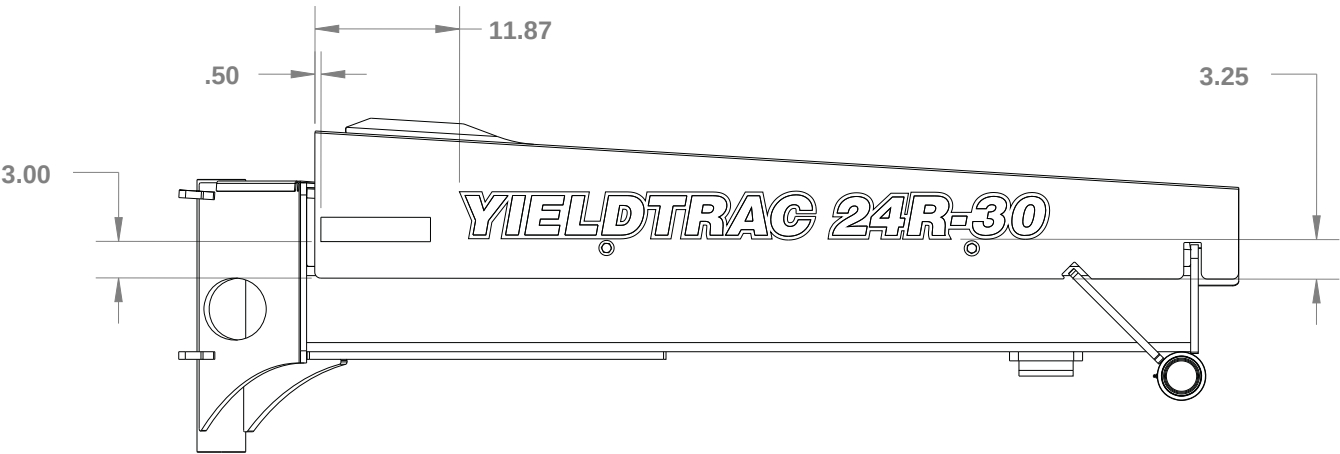
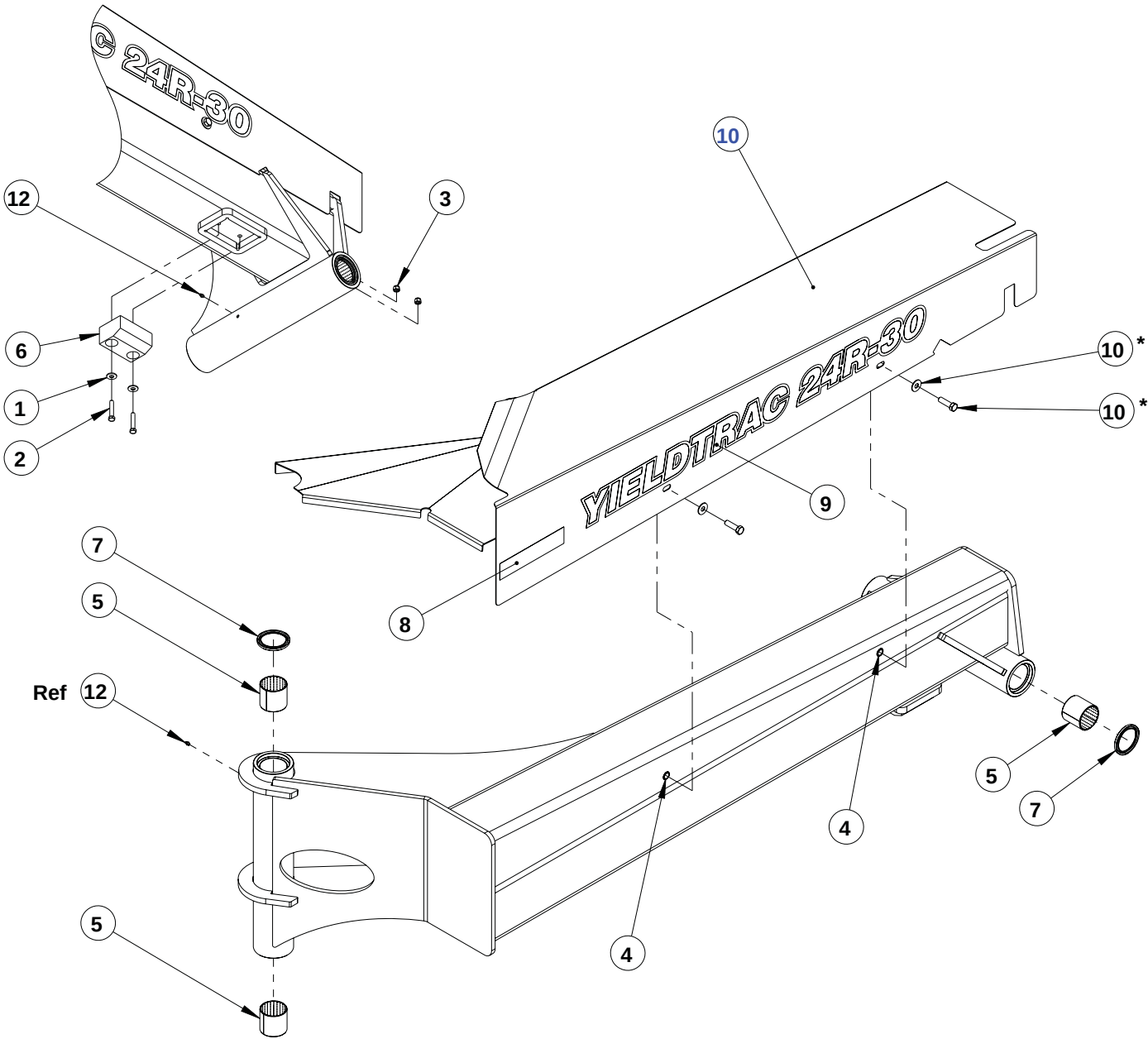
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-USS-0.375-YZ	Washer, Flat USS-3/8"-YZ	2	
2	HBolt-0.3750-16x2.000-YZ8	Bolt, Hex Head-3/8-16x2-YZ8	2	
3	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	2	
4	RivNut-0.5000-13-.350-.500	Rivnut, 1/2-13 UNC .350-.500 GR	5	
5	T0050952	Stl Backed Brz Bearing 2.5 ID	4	
6	T0051114	Slider Block	1	
7	T0051453	Decal, Yldtrac 24R22-3.8x48.2	1	
8	T0051584	2.50 Grease Seal	3	
9	T0051729	Decal, Reflector, Yellow-2x9	1	
10	TA00787	RH Stub Arm Shield Assy	1	
11	TW000706	RH Stub Arm Weldment	1	
12	Zerk-0.2500-28	Zerk, 1/4-28	2	

Note:

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



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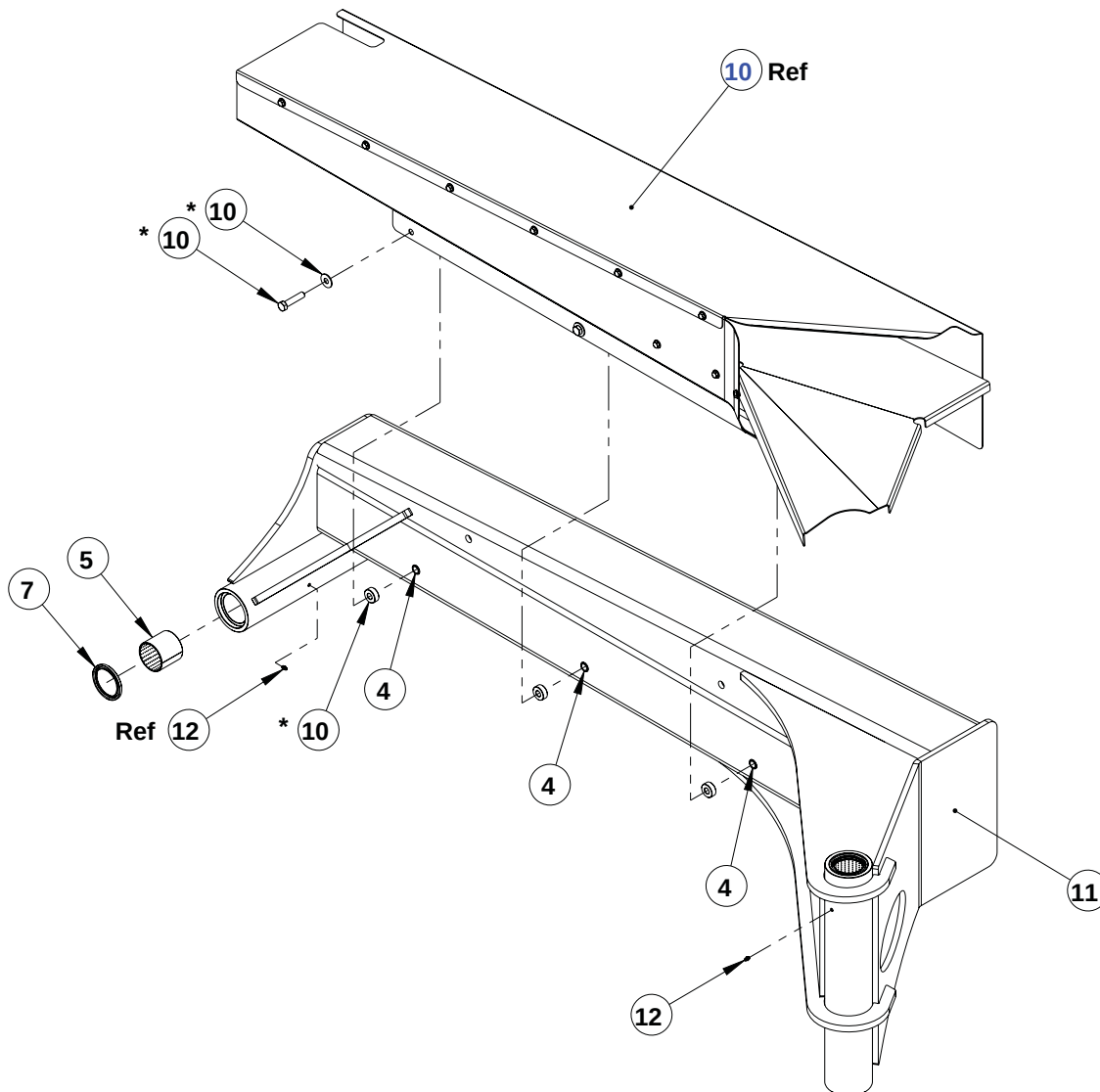


TA00870 Assy, RH Stub Arm 24R30

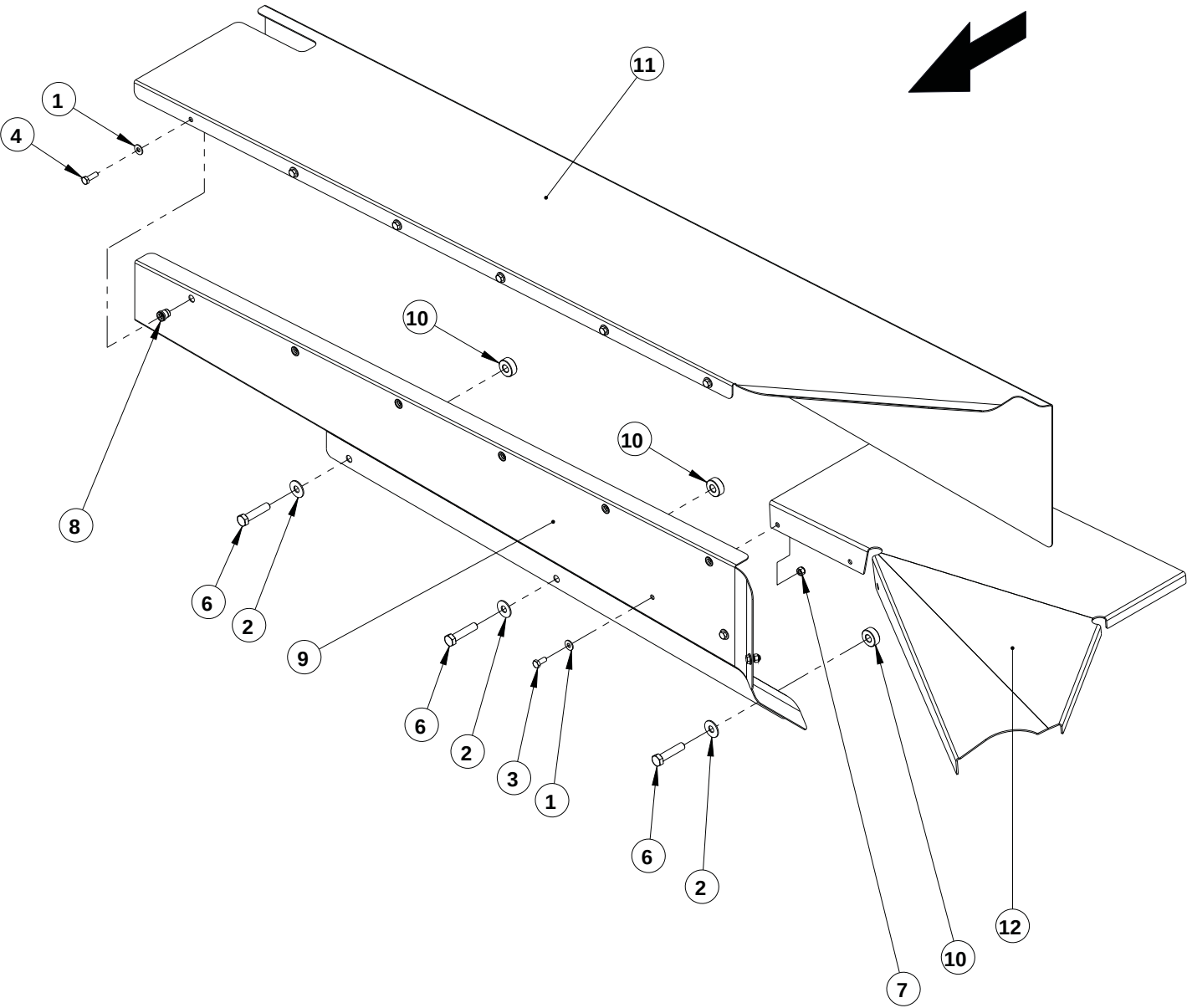
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-USS-0.375-YZ	Washer, Flat USS-3/8"-YZ	2	
2	HBolt-0.3750-16x2.000-YZ8	Bolt, Hex Head-3/8-16x2-YZ8	2	
3	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	2	
4	RivNut-0.5000-13-.350-.500	Rivnut, 1/2-13 UNC .350-.500 GR	5	
5	T0050952	Stl Backed Brz Bearing 2.5 ID	4	
6	T0051114	Slider Block	1	
7	T0051584	2.50 Grease Seal	3	
8	T0051729	Decal, Reflector, Yellow-2x9	1	
9	T0052651	Decal, Yldtrac 24R30-3.8x48.5	1	
10	TA00787	RH Stub Arm Shield Assy	1	
11	TW000706	RH Stub Arm Weldment	1	
12	Zerk-0.2500-28	Zerk, 1/4-28	2	

Note:

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

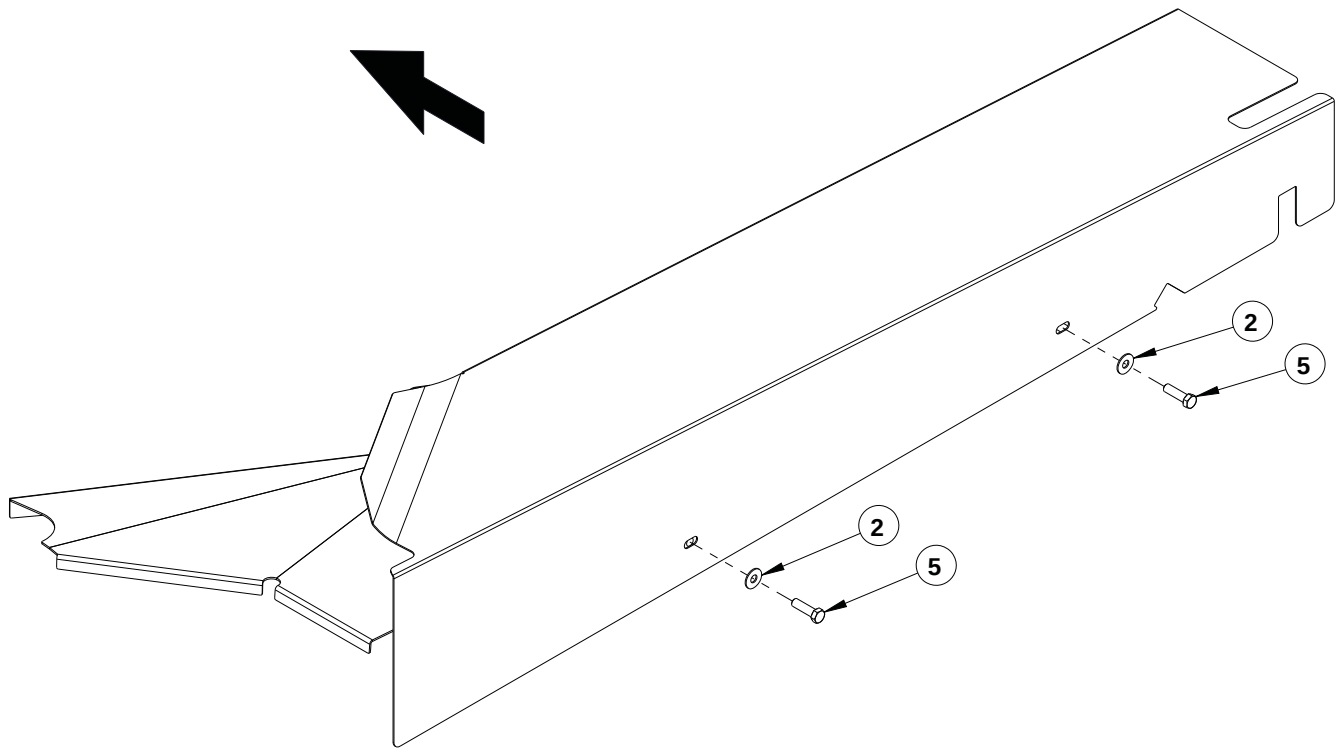


24R-22 24R-30

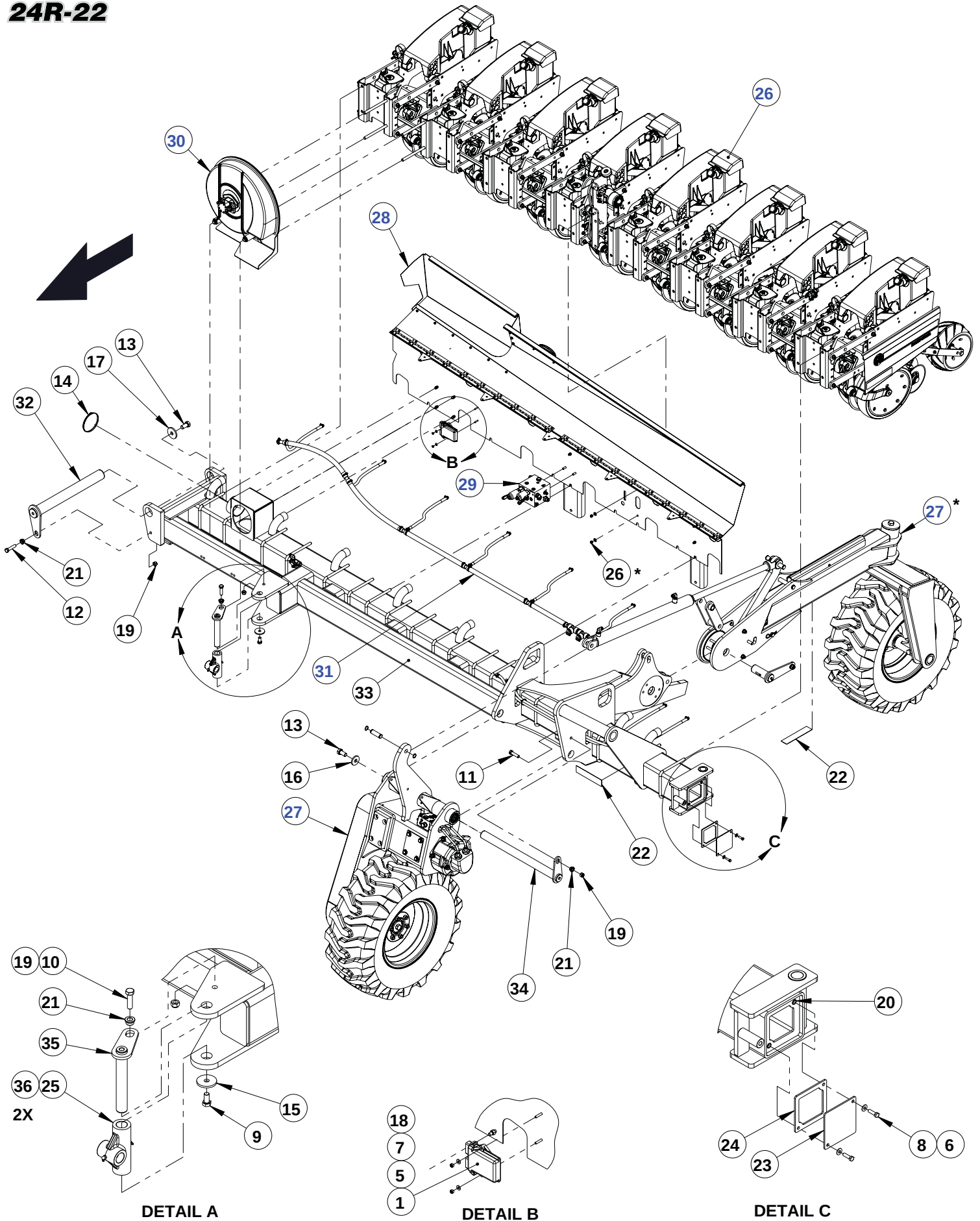


TA00787 RH Stub Arm Shield Assy

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-USS-0.250-YZ	Washer, Flat USS 1/4" YZ	9	
2	FW-USS-0.438-YZ	Washer, Flat-USS 7/16-YZ	5	
3	HBolt-0.3125-18x0.750-YZ8	Bolt, Hex Head 5/16"-18x3/4-YZ8	3	
4	HBolt-0.3125-18x1.000-YZ8	Bolt, Hex Head-5/16"-18x1-YZ8	6	
5	HBolt-0.5000-13x1.750-YZ8	Bolt, Hex Head-1/2-13x1-3/4-YZ8	2	
6	HBolt-0.5000-13x2.250-YZ8	Bolt, Hex Hd-1/2-13x2-1/4-YZ8	3	
7	NLNut-0.3125-18-YZ8	Nut, Nylock 5/16"-18-YZ8	3	
8	RivNut-0.3125-18-.027-.150	Rivnut, 5/16-18 UNC .027-.150	6	
9	T0052205	RH Stub Arm Shield	1	
10	T0052276	Spacer	3	
11	T0052278	Shield RH Stub Arm	1	
12	T0052656	Bracket, RH Shield Seed Hose	1	



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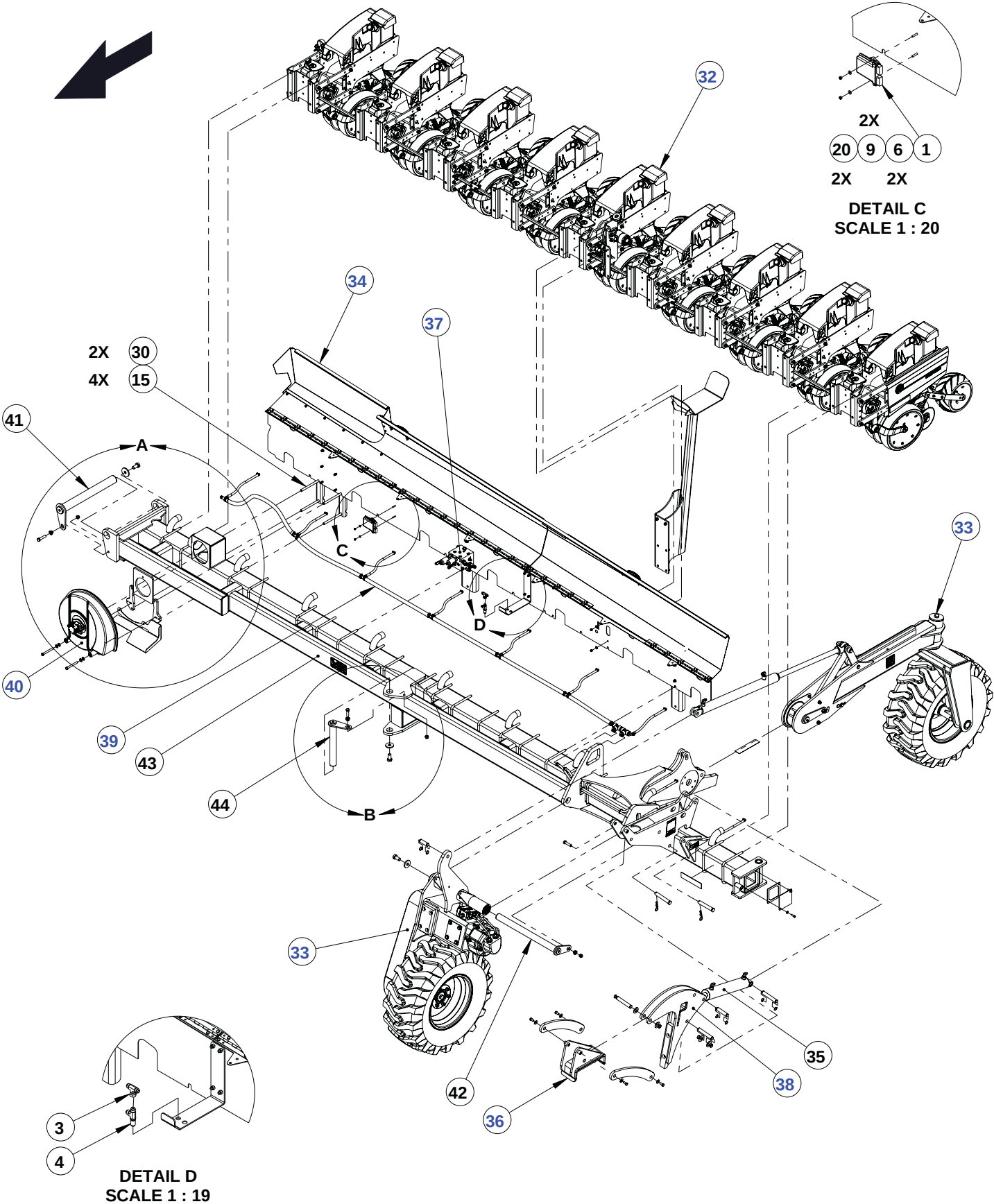


TA00721 LH Wing Assy				
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	47357935	Module,WSMB2,18 In CAN w/Sof	1	
2	ADAPTER 08MJ-08FJX 90	ADAPTER 08MJ-08FJX 90	1	
3	ADAPTER 08MJ CROSS	ADAPTER 08MJ CROSS	1	
4	ADAPTER 12MJT	ADAPTER 12MJT	1	
5	FW-SAE-0.250-YZ	Washer, SAE Flat 1/4-YZ	4	
6	FW-USS-0.313-YZ	Washer, Flat USS 5/16-YZ	2	
7	HBolt-0.2500-20x1.250-YZ8	Bolt, Hex Hd 1/4-20x1-1/4-YZ8	2	
8	HBolt-0.3750-16x1.250-YZ8	Bolt, Hex Head, 3/8-16x1.25-YZ8	2	
9	HBolt-0.6250-11x1.250-YZ8	Bolt, Hex Head-5/8-11x1.25-YZ8	1	
10	HBolt-0.6250-11x2.250-YZ8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
11	HBolt-0.6250-11x2.500-YZ8	Bolt, Hex Head-5/8-11x2.5-YZ8	1	
12	HBolt-0.6250-11x2.750-YZ8	Bolt, Hex Head-5/8-11x2.75-YZ8	1	
13	HBolt-0.8750-9x1.750-YZ8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	2	
14	HClamp-SAE-512-SS	HClamp-SAE-512-SS	1	
15	HD Washer 0.64 x 2.50	HD Washer 0.64 x 2.50	1	
16	HD Washer 0.89 x 2.50	HD Washer 0.89 x 2.50	1	
17	HD Washer 0.89 x 3.00	HD Washer 0.89 x 3.00	1	
18	NLNut-0.2500-20-YZ8	Nut, Nylock 1/4-20-YZ8	2	
19	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	3	
20	RivNut-0.3750-16-.150-.312	Rivnut, 3/8-16 UNC .150-.312 GR	2	
21	T0050854	Anti Rotation Insert	3	
22	T0051729	Decal, Reflector,Yellow-2x9	2	
23	T0052124	Clean Out Cover	1	
24	T0052125	Seal, Clean Out Cover	1	
25	T0052223	Tow Bar Knuckle Machined	1	
26	TA00709	Left Wing Row Units 24R22"	1	
27	TA00725	Wing Wheel Assy	1	
28	TA00732	LH Wing Shield Assy	1	
29	TA00740	Assy, Fan & Meter Control Valve	1	
30	TA00813	Assy, Fan	1	
31	TA00818	Assy, LH Wing Fert Hose Route	1	
32	TW000611	Pin Weldment	1	
33	TW000712	LH Wing Weldment	1	
34	TW000717	Pin Weldment	1	
35	TW000761	Pin Weldment	1	
36	Zerk-0.2500-28x90Deg	Zerk, Grease 1/4-28x90 Deg	2	

Note:

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

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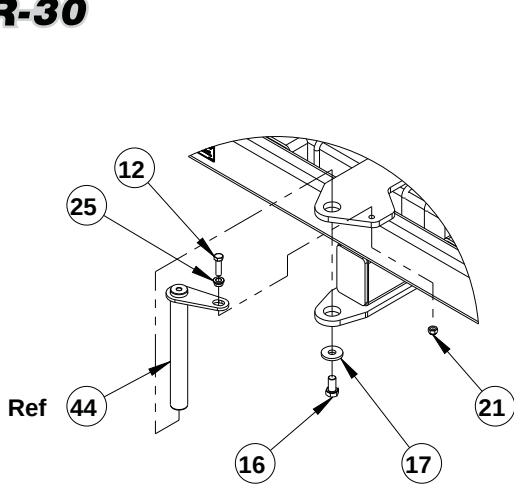
TA00789 LH Wing Assy 24R30 (1 of 2)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	47357935	Module,WSMB2,18 In CAN w/Sof	1	
2	ADAPTER 06MJ-08MB 90	ADAPTER 06MJ-08MB 90	1	
3	ADAPTER 08MJ-08MJ-08FJX TEE	ADAPTER 08MJ-08MJ-08FJX TEE	1	
4	ADAPTER 08MJT BH RUN	ADAPTER 08MJT BH RUN	1	
5	CPin-1.0000x6.000-YZ	Clevis Pin, Ø1" X 6" YZ	2	
6	FW-SAE-0.250-YZ	Washer, SAE Flat 1/4-YZ	2	
7	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	2	
8	FW-USS-0.438-YZ	Washer, Flat-USS 7/16-YZ	2	
9	HBolt-0.2500-20x1.250-YZ8	Bolt, Hex Hd 1/4-20x1-1/4-YZ8	2	
10	HBolt-0.3750-16x1.250-YZ8	Bolt, Hex Head, 3/8-16x1.25-YZ8	2	
11	HBolt-0.5000-13x1.000-YZ8	Bolt, Hex Head-1/2-13x1-YZ8	2	
12	HBolt-0.6250-11x2.250-YZ8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
13	HBolt-0.6250-11x2.500-YZ8	Bolt, Hex Head-5/8-11x2.5-YZ8	1	
14	HBolt-0.6250-11x2.750-YZ8	Bolt, Hex Head-5/8-11x2.75-YZ8	1	
15	HBolt-0.6250-11x8.000-YZ8	Bolt, Hex Hd-5/8-11x8-YZ8	4	
16	HBolt-0.8750-9x1.750-YZ8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	3	
17	HD Washer 0.89 x 2.50	HD Washer 0.89 x 2.50	2	
18	HD Washer 0.89 x 3.00	HD Washer 0.89 x 3.00	1	
19	Hpinclip-1.0000 YZ	Hair Pin Clip-Ø1.0000" YZ	2	
20	NLNut-0.2500-20-YZ8	Nut, Nylock 1/4-20-YZ8	2	
21	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	3	
22	Pin-1.0000x5.750-YZ	Pin-1.0000x5.750-YZ	1	
23	RivNut-0.3750x16-Cd	RivNut-0.3750x16-Cd	2	
24	SRing-Ext-1.000	Ring, Retaining Ext Shaft-1.0"	2	
25	T0050854	Anti Rotation Insert	3	
26	T0051729	Decal, Reflector, Yellow-2x9	3	
27	T0052124	Clean Out Cover	1	
28	T0052125	Seal, Clean Out Cover	1	
29	T0052369	ADAPTER 06MJ-08MB 90 W/ORF	1	
30	T0052608	Bracket, Fan Mount	2	
31	T0052712	Plate, Linkage	2	
32	TA00713	Left Wing Row Units 24R-30"	1	
33	TA00725	Wing Wheel Assy	1	
34	TA00850	LH Wing Shield Assy	1	
35	TA00853	Cylinder-Hyd 3.00X14.00	1	
36	TA00854	Assy, Wing Engagement	1	
37	TA00859	Assy, Fan & Meter Control Valve	1	
38	TA00861	Wing Lift Assy	1	
39	TA00868	Assy, LH Wing Fert Route	1	
40	TA00872	Assy, Fan 24R30	1	
41	TW000611	Pin Weldment	1	
42	TW000717	Pin Weldment	1	
43	TW000757	LH Wing Weldment	1	
44	TW000794	Pin Weldment	1	
46	T0052817	Decal, Warn Crush Haz Crdl Lift	1	
47	T0052826	Decal, Notice Trans Lock	1	
48	T0051588	Decal, Warning - Crush Hazard	1	

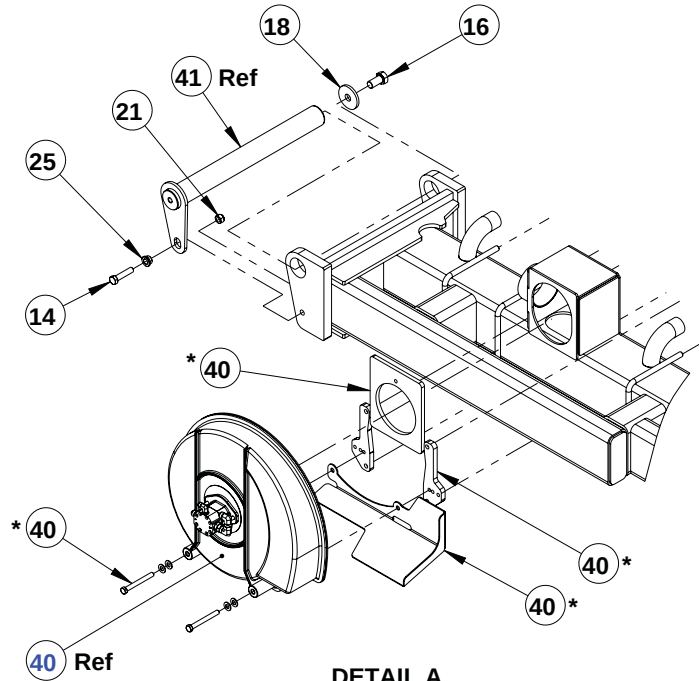
Note:

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

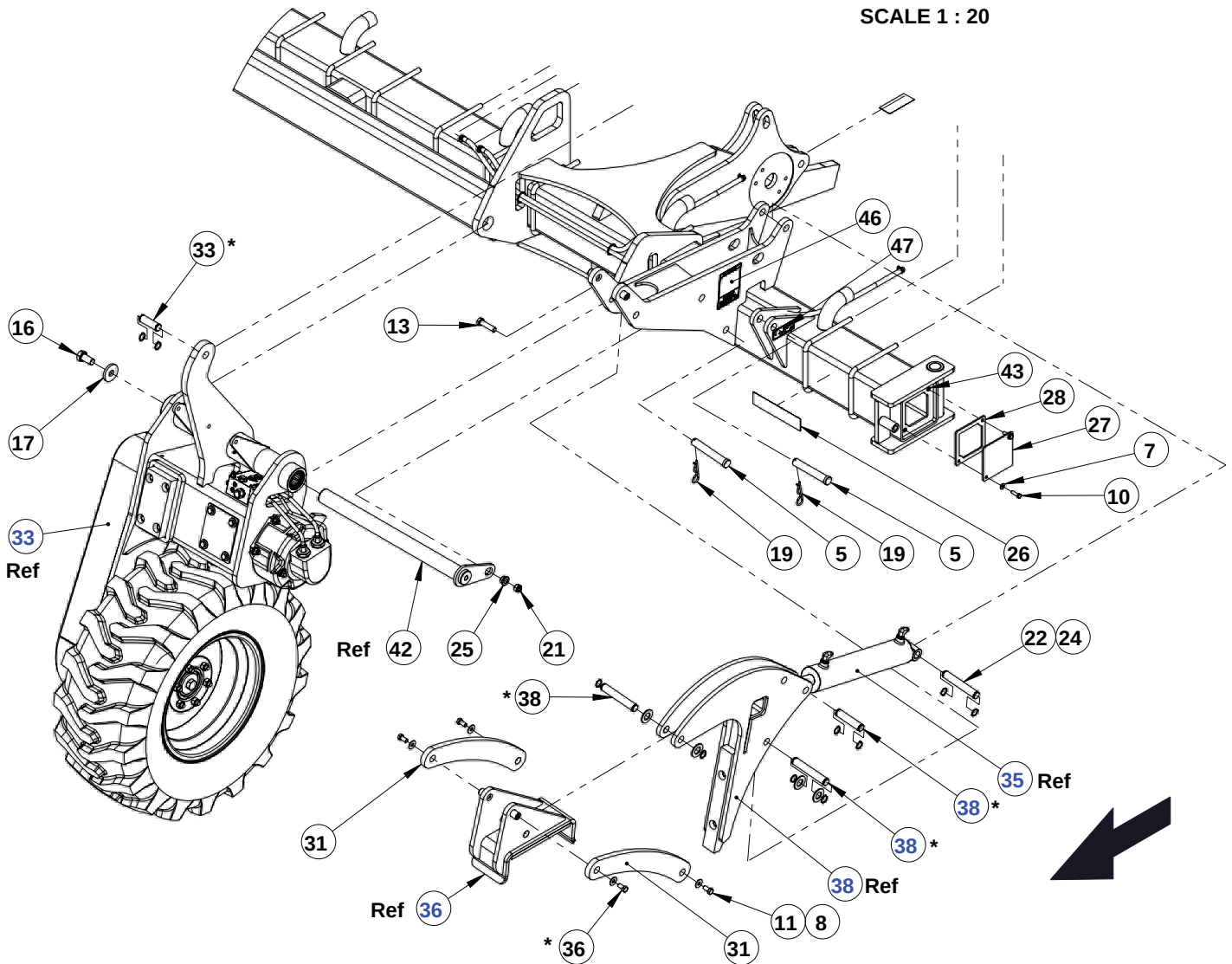
24R-30



DETAIL B
SCALE 1 : 20



DETAIL A
SCALE 1 : 20



TA00789 LH Wing Assy 24R30 (2 of 2)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	47357935	Module,WSMB2,18 In CAN w/Sof	1	
2	ADAPTER 06MJ-08MB 90	ADAPTER 06MJ-08MB 90	1	
3	ADAPTER 08MJ-08MJ-08FJX TEE	ADAPTER 08MJ-08MJ-08FJX TEE	1	
4	ADAPTER 08MJT BH RUN	ADAPTER 08MJT BH RUN	1	
5	CPin-1.0000x6.000-YZ	Clevis Pin, Ø1" X 6" YZ	2	
6	FW-SAE-0.250-YZ	Washer, SAE Flat 1/4-YZ	2	
7	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	2	
8	FW-USS-0.438-YZ	Washer, Flat-USS 7/16-YZ	2	
9	HBolt-0.2500-20x1.250-YZ8	Bolt, Hex Hd 1/4-20x1-1/4-YZ8	2	
10	HBolt-0.3750-16x1.250-YZ8	Bolt, Hex Head, 3/8-16x1.25-YZ8	2	
11	HBolt-0.5000-13x1.000-YZ8	Bolt, Hex Head-1/2-13x1-YZ8	2	
12	HBolt-0.6250-11x2.250-YZ8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
13	HBolt-0.6250-11x2.500-YZ8	Bolt, Hex Head-5/8-11x2.5-YZ8	1	
14	HBolt-0.6250-11x2.750-YZ8	Bolt, Hex Head-5/8-11x2.75-YZ8	1	
15	HBolt-0.6250-11x8.000-YZ8	Bolt, Hex Hd-5/8-11x8-YZ8	4	
16	HBolt-0.8750-9x1.750-YZ8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	3	
17	HD Washer 0.89 x 2.50	HD Washer 0.89 x 2.50	2	
18	HD Washer 0.89 x 3.00	HD Washer 0.89 x 3.00	1	
19	Hpinclip-1.0000 YZ	Hair Pin Clip-Ø1.0000" YZ	2	
20	NLNut-0.2500-20-YZ8	Nut, Nylock 1/4-20-YZ8	2	
21	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	3	
22	Pin-1.0000x5.750-YZ	Pin-1.0000x5.750-YZ	1	
23	RivNut-0.3750x16-Cd	RivNut-0.3750x16-Cd	2	
24	SRing-Ext-1.000	Ring, Retaining Ext Shaft-1.0"	2	
25	T0050854	Anti Rotation Insert	3	
26	T0051729	Decal, Reflector,Yellow-2x9	3	
27	T0052124	Clean Out Cover	1	
28	T0052125	Seal, Clean Out Cover	1	
29	T0052369	ADAPTER 06MJ-08MB 90 W/ORF	1	
30	T0052608	Bracket, Fan Mount	2	
31	T0052712	Plate, Linkage	2	
32	TA00713	Left Wing Row Units 24R-30"	1	
33	TA00725	Wing Wheel Assy	1	
34	TA00850	LH Wing Shield Assy	1	
35	TA00853	Cylinder-Hyd 3.00X14.00	1	
36	TA00854	Assy, Wing Engagement	1	
37	TA00859	Assy, Fan & Meter Control Valve	1	
38	TA00861	Wing Lift Assy	1	
39	TA00868	Assy, LH Wing Fert Route	1	
40	TA00872	Assy, Fan 24R30	1	
41	TW000611	Pin Weldment	1	
42	TW000717	Pin Weldment	1	
43	TW000757	LH Wing Weldment	1	
44	TW000794	Pin Weldment	1	
46	T0052817	Decal, Warn Crush Haz Crdl Lift	1	
47	T0052826	Decal, Notice Trans Lock	1	
48	T0051588	Decal, Warning - Crush Hazard	1	

Note:

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

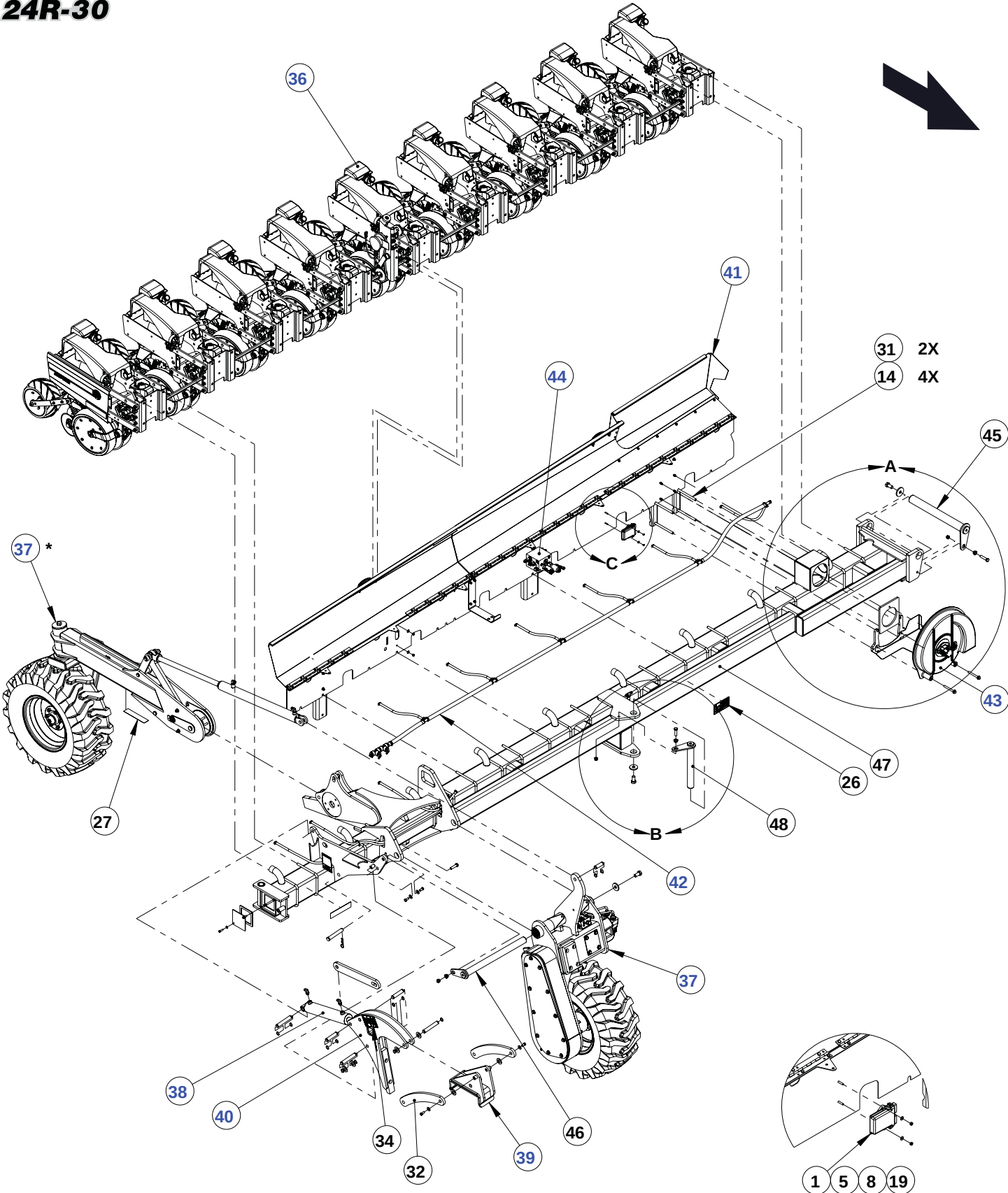


TA00727 RH Wing Assy				
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	47357935	Module,WSMB2,18 In CAN w/Sof	1	
2	ADAPTER 08MJT	ADAPTER 08MJT	1	
3	FW-SAE-0.250-YZ	Washer, SAE Flat 1/4-YZ	4	
4	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	2	
5	HBolt-0.2500-20x1.250-YZ8	Bolt, Hex Hd 1/4-20x1-1/4-YZ8	2	
6	HBolt-0.3750-16x1.250-YZ8	Bolt, Hex Head, 3/8-16x1.25-YZ8	2	
7	HBolt-0.6250-11x1.250-YZ8	Bolt, Hex Head-5/8-11x1.25-YZ8	1	
8	HBolt-0.6250-11x2.250-YZ8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
9	HBolt-0.6250-11x2.500-YZ8	Bolt, Hex Head-5/8-11x2.5-YZ8	1	
10	HBolt-0.6250-11x2.750-YZ8	Bolt, Hex Head-5/8-11x2.75-YZ8	1	
11	HBolt-0.8750-9x1.750-YZ8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	2	
12	HClamp-SAE-512-SS	HClamp-SAE-512-SS	1	
13	HD Washer 0.64 x 2.50	HD Washer 0.64 x 2.50	1	
14	HD Washer 0.89 x 2.50	HD Washer 0.89 x 2.50	1	
15	HD Washer 0.89 x 3.00	HD Washer 0.89 x 3.00	1	
16	NLNut-0.2500-20-YZ8	Nut, Nylock 1/4-20-YZ8	2	
17	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	3	
18	RivNut-0.3750-16-.150-.312	Rivnut, 3/8-16 UNC .150-.312 GR	2	
19	T0050854	Anti Rotation Insert	3	
20	T0051729	Decal, Reflector, Yellow-2x9	2	
21	T0052124	Clean Out Cover	1	
22	T0052125	Seal, Clean Out Cover	1	
23	T0052223	Tow Bar Knuckle Machined	1	
24	TA00707	Right Wing Row Units 24R22"	1	
25	TA00725	Wing Wheel Assy	1	
26	TA00740	Assy, Fan & Meter Control Valve	1	
27	TA00742	RH Wing Shield Assy	1	
28	TA00813	Assy, Fan	1	
29	TA00820	Assy, RH Wing Fert Route	1	
30	TW000611	Pin Weldment	1	
31	TW000716	RH Wing Weldment	1	
32	TW000717	Pin Weldment	1	
33	TW000761	Pin Weldment	1	
34	Zerk-0.2500-28x90Deg	Zerk, Grease 1/4-28x90 Deg	2	

Notes:

1. * Items marked with an asterisk are items that are included in that particular part or assembly.
2. Discard (2) Ubolts and (4) Hex Nuts supplied with Row Unit and replace with (4) Bolts included with Fan Assy.

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DETAIL C
SCALE 1 : 20

TA00804 RH Wing Assy (1 of 2)				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	47357935	Module,WSMB2,18 In CAN w/Sof	1	
2	ADAPTER 06MJ-08MB 90	ADAPTER 06MJ-08MB 90	1	
3	ADAPTER 08MJT BH	ADAPTER 08MJT BH	1	
4	CPin-1.0000x6.000-YZ	Clevis Pin, Ø1" X 6" YZ	1	
5	FW-SAE-0.250-YZ	Washer, SAE Flat 1/4-YZ	4	
6	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	2	
7	FW-USS-0.438-YZ	Washer, Flat-USS 7/16-YZ	2	
8	HBolt-0.2500-20x1.250-YZ8	Bolt, Hex Hd 1/4-20x1-1/4-YZ8	2	
9	HBolt-0.3750-16x1.250-YZ8	Bolt, Hex Head, 3/8-16x1.25-YZ8	2	
10	HBolt-0.5000-13x1.000-YZ8	Bolt, Hex Head-1/2-13x1-YZ8	2	
11	HBolt-0.6250-11x2.250-YZ8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
12	HBolt-0.6250-11x2.500-YZ8	Bolt, Hex Head-5/8-11x2.5-YZ8	1	
13	HBolt-0.6250-11x2.750-YZ8	Bolt, Hex Head-5/8-11x2.75-YZ8	1	
14	HBolt-0.6250-11x8.000-YZ8	Bolt, Hex Hd-5/8-11x8-YZ8	4	
15	HBolt-0.8750-9x1.750-YZ8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	3	
16	HD Washer 0.89 x 2.50	HD Washer 0.89 x 2.50	2	
17	HD Washer 0.89 x 3.00	HD Washer 0.89 x 3.00	1	
18	Hpinclip-1.0000 YZ	Hair Pin Clip-Ø1.0000" YZ	1	
19	NLNut-0.2500-20-YZ8	Nut, Nylock 1/4-20-YZ8	2	
20	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	3	
21	Pin-1.0000x4.125-YZ	Pin-1.0000x4.125-YZ	1	
22	Pin-1.0000x5.750-YZ	Pin-1.0000x5.750-YZ	1	
23	RivNut-0.3750-16-.150-.312	Rivnut, 3/8-16 UNC .150-.312 GR	2	
24	SRing-Ext-1.000	Ring, Retaining Ext Shaft-1.0"	4	
25	T0050854	Anti Rotation Insert	3	
26	T0051588	Decal, Warning - Crush Hazard	1	
27	T0051729	Decal, Reflector,Yellow-2x9	3	
28	T0052124	Clean Out Cover	1	
29	T0052125	Seal, Clean Out Cover	1	
30	T0052369	ADAPTER 06MJ-08MB 90 W/ORF	1	
31	T0052608	Bracket, Fan Mount	2	
32	T0052712	Plate, Linkage	2	
33	T0052718	Linkage, Transport Lock	1	
34	T0052802	Decal, Warn-Crush Haz Lift Cyl	1	
35	T0052817	Decal, Warn Crush Haz Crdl Lift	1	
36	TA00711	Right Wing Row Units 24R-30	1	
37	TA00725	Wing Wheel Assy	1	
38	TA00853	Cylinder-Hyd 3.00X14.00	1	
39	TA00854	Assy, Wing Engagement	1	
40	TA00861	Wing Lift Assy	1	
41	TA00862	RH Wing Shield Assy	1	
42	TA00866	Assy, RH Wing Fert Route	1	
43	TA00872	Assy, Fan 24R30	1	
44	TA00873	Assy, Fan & Meter Control Valve	1	
45	TW000611	Pin Weldment	1	
46	TW000717	Pin Weldment	1	
47	TW000758	RH Wing Weldment	1	
48	TW000794	Pin Weldment	1	

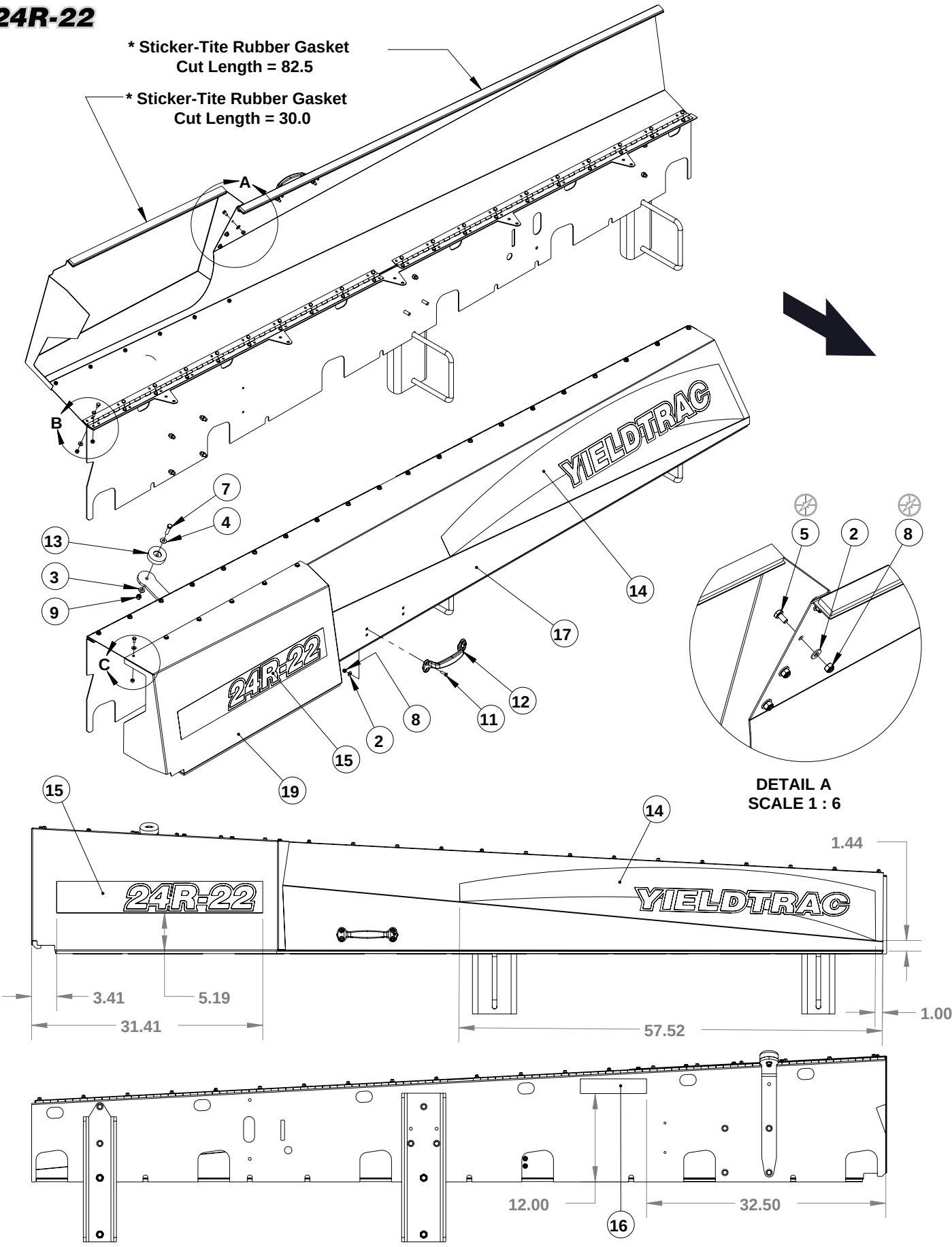
Note:

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



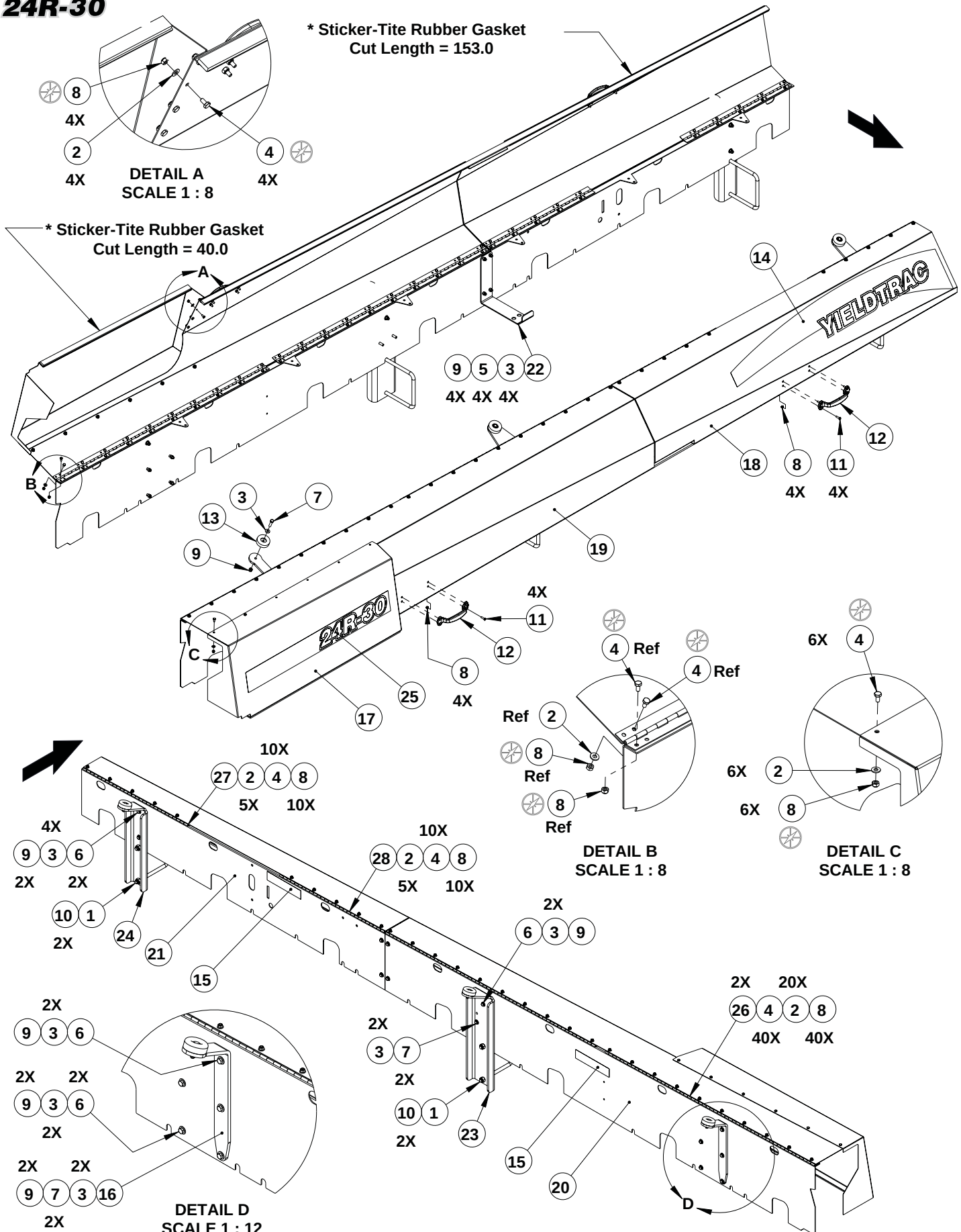
TA00804 RH Wing Assy (2 of 2)				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	47357935	Module,WSMB2,18 In CAN w/Sof	1	
2	ADAPTER 06MJ-08MB 90	ADAPTER 06MJ-08MB 90	1	
3	ADAPTER 08MJT BH	ADAPTER 08MJT BH	1	
4	CPin-1.0000x6.000-YZ	Clevis Pin, Ø1" X 6" YZ	1	
5	FW-SAE-0.250-YZ	Washer, SAE Flat 1/4-YZ	4	
6	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	2	
7	FW-USS-0.438-YZ	Washer, Flat-USS 7/16-YZ	2	
8	HBolt-0.2500-20x1.250-YZ8	Bolt, Hex Hd 1/4-20x1-1/4-YZ8	2	
9	HBolt-0.3750-16x1.250-YZ8	Bolt, Hex Head, 3/8-16x1.25-YZ8	2	
10	HBolt-0.5000-13x1.000-YZ8	Bolt, Hex Head-1/2-13x1-YZ8	2	
11	HBolt-0.6250-11x2.250-YZ8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
12	HBolt-0.6250-11x2.500-YZ8	Bolt, Hex Head-5/8-11x2.5-YZ8	1	
13	HBolt-0.6250-11x2.750-YZ8	Bolt, Hex Head-5/8-11x2.75-YZ8	1	
14	HBolt-0.6250-11x8.000-YZ8	Bolt, Hex Hd-5/8-11x8-YZ8	4	
15	HBolt-0.8750-9x1.750-YZ8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	3	
16	HD Washer 0.89 x 2.50	HD Washer 0.89 x 2.50	2	
17	HD Washer 0.89 x 3.00	HD Washer 0.89 x 3.00	1	
18	Hpinclip-1.0000 YZ	Hair Pin Clip-Ø1.0000" YZ	1	
19	NLNut-0.2500-20-YZ8	Nut, Nylock 1/4-20-YZ8	2	
20	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	3	
21	Pin-1.0000x4.125-YZ	Pin-1.0000x4.125-YZ	1	
22	Pin-1.0000x5.750-YZ	Pin-1.0000x5.750-YZ	1	
23	RivNut-0.3750-16-.150-.312	Rivnut, 3/8-16 UNC .150-.312 GR	2	
24	SRing-Ext-1.000	Ring, Retaining Ext Shaft-1.0"	4	
25	T0050854	Anti Rotation Insert	3	
26	T0051588	Decal, Warning - Crush Hazard	1	
27	T0051729	Decal, Reflector, Yellow-2x9	3	
28	T0052124	Clean Out Cover	1	
29	T0052125	Seal, Clean Out Cover	1	
30	T0052369	ADAPTER 06MJ-08MB 90 W/ORF	1	
31	T0052608	Bracket, Fan Mount	2	
32	T0052712	Plate, Linkage	2	
33	T0052718	Linkage, Transport Lock	1	
34	T0052802	Decal, Warn-Crush Haz Lift Cyl	1	
35	T0052817	Decal, Warn Crush Haz Crdl Lift	1	
37	TA00725	Wing Wheel Assy	1	
38	TA00853	Cylinder-Hyd 3.00X14.00	1	
39	TA00854	Assy, Wing Engagement	1	
40	TA00861	Wing Lift Assy	1	
43	TA00872	Assy, Fan 24R30	1	
45	TW000611	Pin Weldment	1	
46	TW000717	Pin Weldment	1	
47	TW000758	RH Wing Weldment	1	
48	TW000794	Pin Weldment	1	

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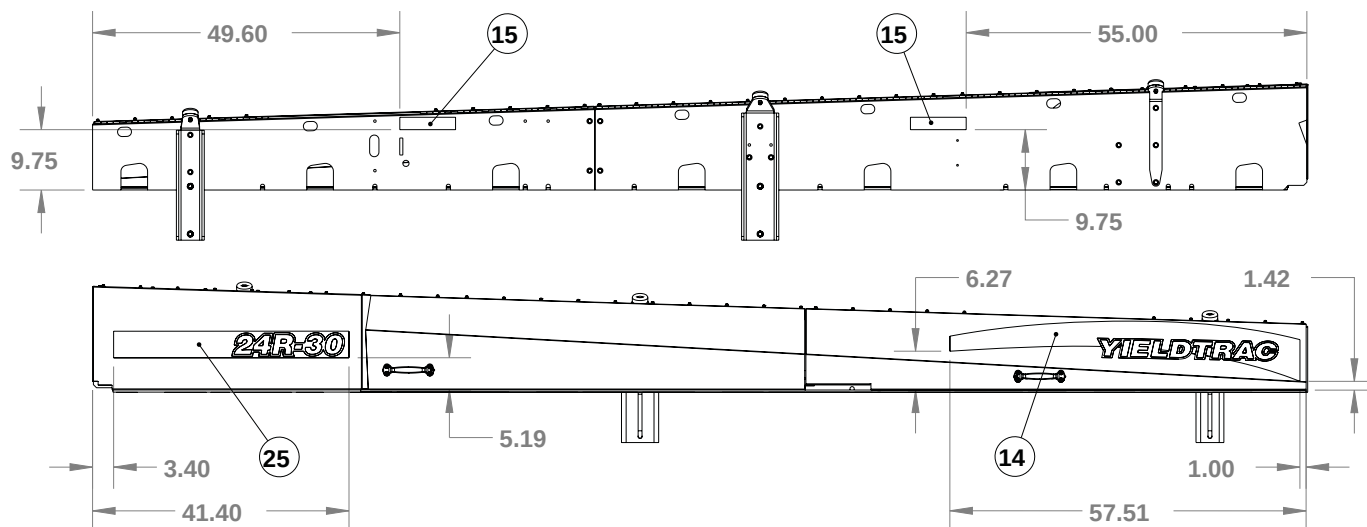


TA00850 LH Wing Shield Assy

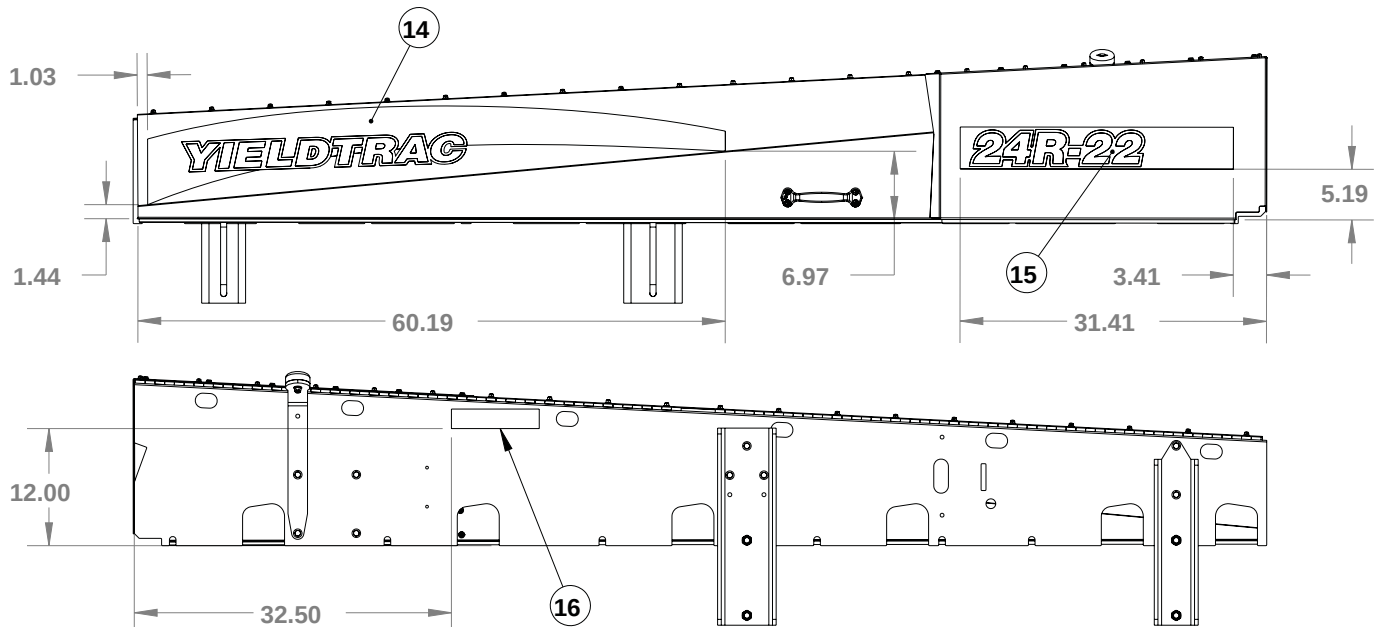
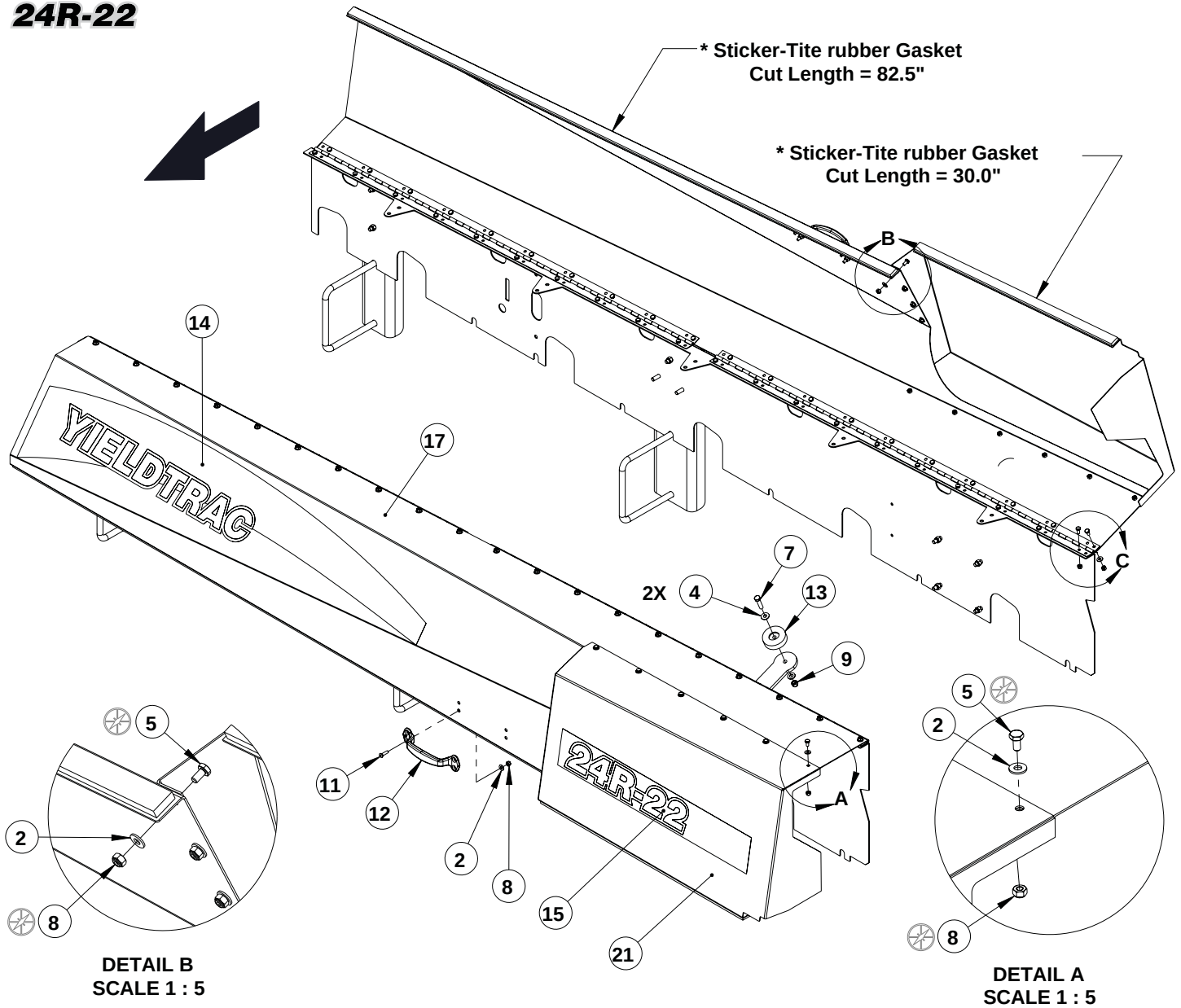
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	1250813C1	U Bolt	2	
2	FW-SAE-0.250-YZ	Washer, SAE Flat 1/4-YZ	40	
3	FW-USS-0.313-YZ	Washer, Flat USS 5/16-YZ	21	
4	HBolt-0.2500-20x0.500-YZ8	Bolt, Hex Head 1/4-20x1/2-YZ8	70	
5	HBolt-0.3750-16x1.000-YZ8	Bolt, Hex Hd 3/8-16x1-YZ8	4	
6	HBolt-0.3750-16x1.250-YZ8	Bolt, Hex Head, 3/8-16x1.25-YZ8	6	
7	HBolt-0.3750-16x1.500-YZ8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	7	
8	NLNut-0.2500-20-YZ8	Nut, Nylock 1/4-20-YZ8	78	
9	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	15	
10	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	4	
11	OHPMS-.2500-20x1.000-SS	Screw, Ovl Head Mach 1/4-20x1 SS	8	
12	T0051467	Handle	2	
13	T0051481	Rubber Stop	3	
14	T0051664	Decal, YieldTrac With Arch LH	1	
15	T0051729	Decal, Reflector, Yellow-2x9	1	
16	T0052325	Plate, Bumper Pad	1	
17	T0052580	Fan Cover	1	
18	T0052581	Shield, LH Outer Wing	1	
19	T0052582	Shield, LH Inner Wing	1	
20	T0052583	Support, LH Inner Wing Shield	1	
21	T0052584	Support, LH Outer Wing Shield	1	
22	T0052585	Bracket, Wing Shield	1	
23	T0052586	Shield Mount	1	
24	T0052588	Shield Mount	1	
25	T0052652	Decal, 24R30 LH	1	
26	TA00666	Piano Hinge	2	
27	TA00851	Piano Hinge	1	
28	TA00852	Piano Hinge	1	

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

2.  Note orientation of hardware.



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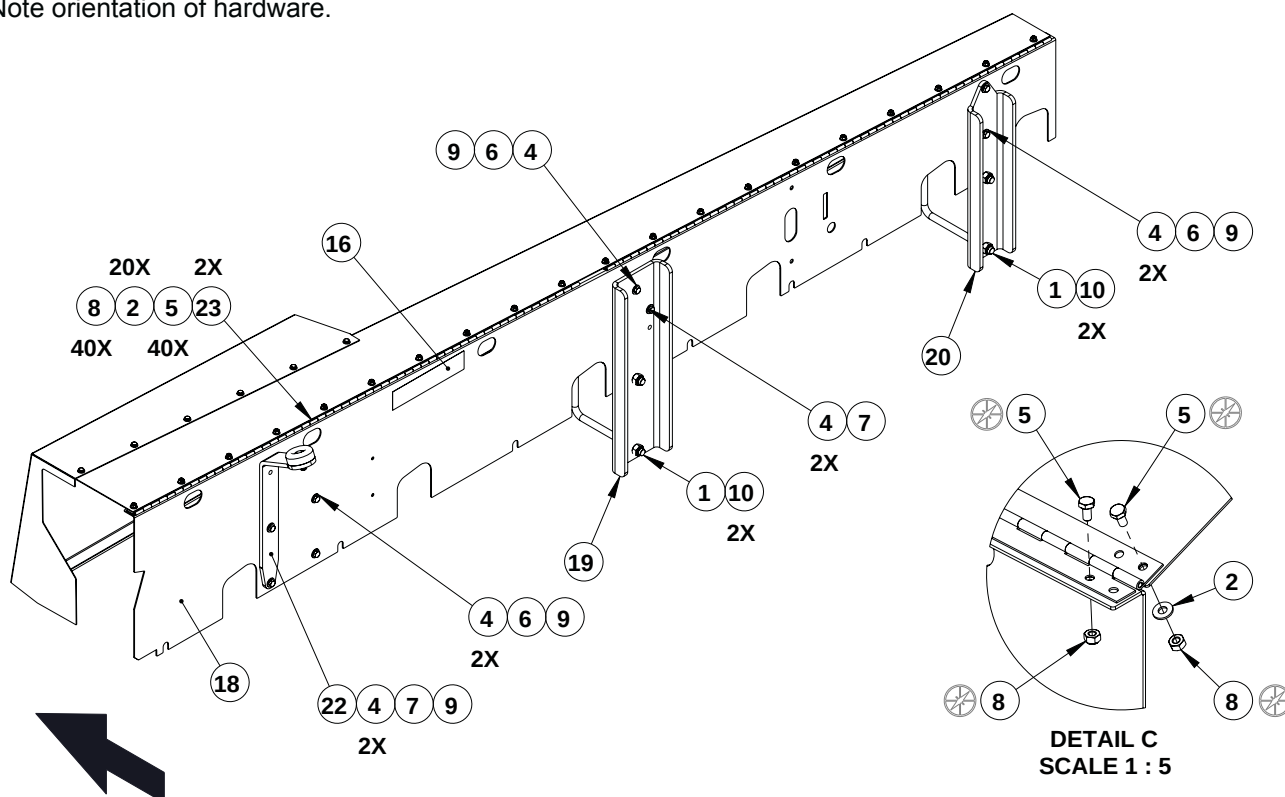


TA00742 RH Wing Shield Assy

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	1250813C1	U Bolt	2	
2	FW-SAE-0.250-YZ	Washer, SAE Flat 1/4-YZ	34	
3	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	1	
4	FW-USS-0.313-YZ	Washer, Flat USS 5/16-YZ	10	
5	HBolt-0.2500-20x0.500-YZ8	Bolt, Hex Head 1/4-20x1/2-YZ8	50	
6	HBolt-0.3750-16x1.250-YZ8	Bolt, Hex Head, 3/8-16x1.25-YZ8	5	
7	HBolt-0.3750-16x1.500-YZ8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	5	
8	NLNut-0.2500-20-YZ8	Nut, Nylock 1/4-20-YZ8	54	
9	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	8	
10	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	4	
11	OHPMS-.2500-20x1.000-SS	Screw, Ovl Head Mach 1/4-20x1 SS	4	
12	T0051467	Handle	1	
13	T0051481	Rubber Stop	1	
14	T0051663	Decal, YieldTrac With Arch RH	1	
15	T0051666	Decal, 24R22 RH	1	
16	T0051729	Decal, Reflector, Yellow-2x9	1	
17	T0051939	RH Wing Shield	1	
18	T0051940	RH Bar Shield Support	1	
19	T0052264	Shield Mount	1	
20	T0052265	Shield Mount	1	
21	T0052274	RH Fan Cover	1	
22	T0052325	Plate, Bumper Pad	1	
23	TA00666	Piano Hinge	2	

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

2.  Note orientation of hardware.



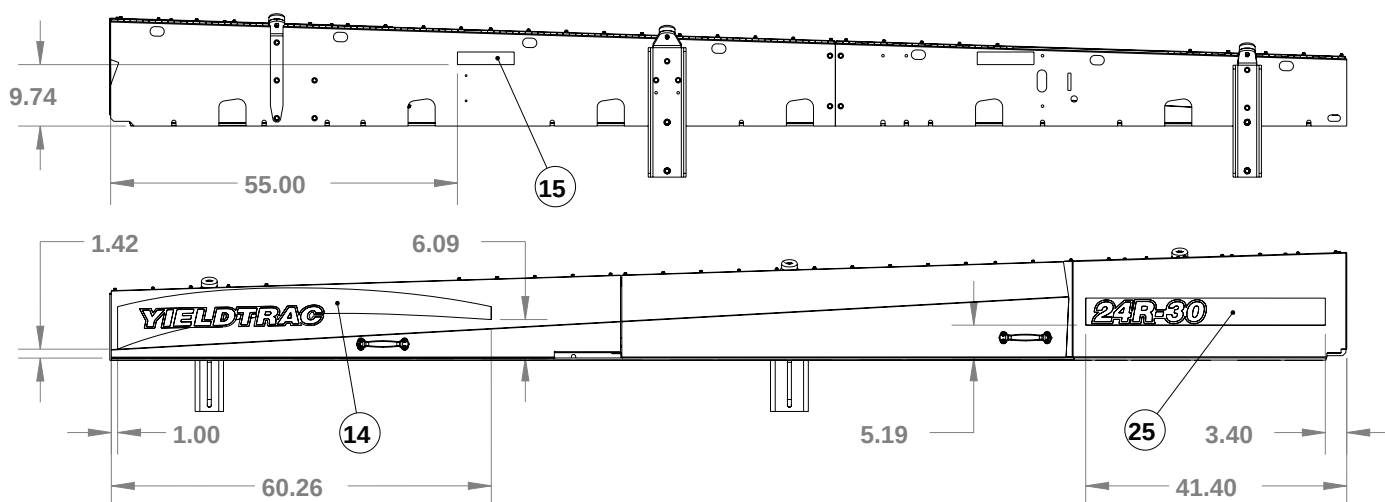


TA00862 RH Wing Shield Assy

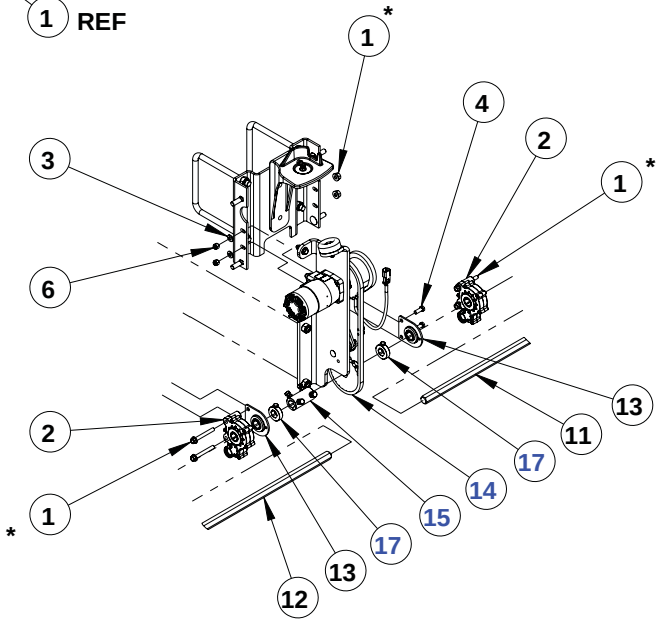
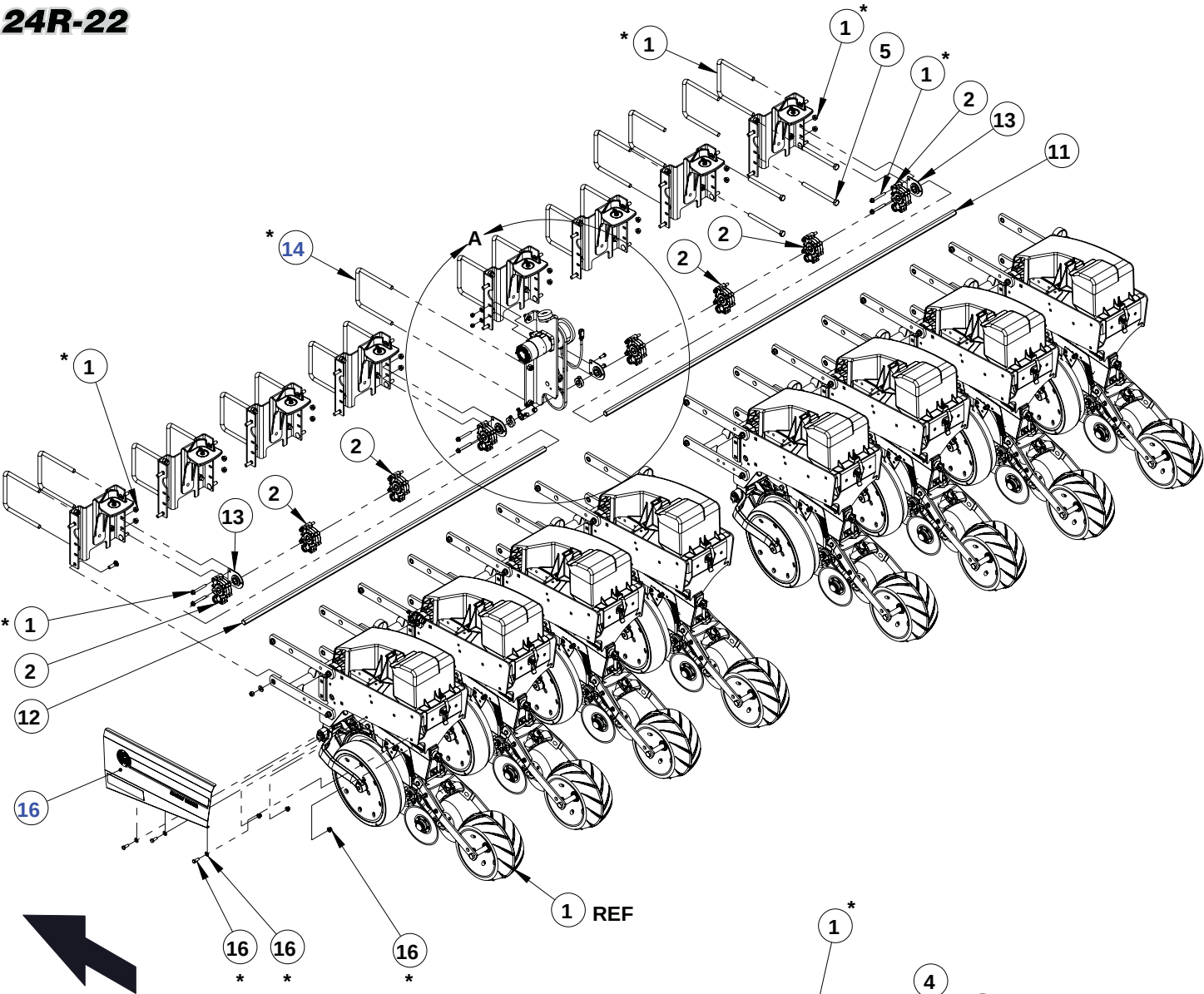
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	1250813C1	U Bolt	2	
2	FW-SAE-0.250-YZ	Washer, SAE Flat 1/4-YZ	40	
3	FW-USS-0.313-YZ	Washer, Flat USS 5/16-YZ	21	
4	HBolt-0.2500-20x0.500-YZ8	Bolt, Hex Head 1/4-20x1/2-YZ8	70	
5	HBolt-0.3750-16x1.000-YZ8	Bolt, Hex Hd 3/8-16x1-YZ8	4	
6	HBolt-0.3750-16x1.250-YZ8	Bolt, Hex Head, 3/8-16x1.25-YZ8	6	
7	HBolt-0.3750-16x1.500-YZ8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	7	
8	NLNut-0.2500-20-YZ8	Nut, Nylock 1/4-20-YZ8	78	
9	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	15	
10	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	4	
11	OHPMS-.2500-20x1.000-SS	Screw, Ovl Head Mach 1/4-20x1 SS	8	
12	T0051467	Handle	2	
13	T0051481	Rubber Stop	3	
14	T0051663	Decal, YieldTrac With Arch RH	1	
15	T0051729	Decal, Reflector, Yellow-2x9	2	
16	T0052325	Plate, Bumper Pad	1	
17	T0052585	Bracket, Wing Shield	1	
18	T0052586	Shield Mount	1	
19	T0052588	Shield Mount	1	
20	T0052632	RH Fan Cover	1	
21	T0052633	Shield, RH Outer Wing	1	
22	T0052634	Shield, RH Inner Wing	1	
23	T0052637	RH Shield Support Inner	1	
24	T0052638	RH Shield Support Outer	1	
25	T0052653	Decal, 24R30 RH	1	
26	TA00666	Piano Hinge	2	
27	TA00851	Piano Hinge	1	
28	TA00852	Piano Hinge	1	

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

2.  Note orientation of hardware.



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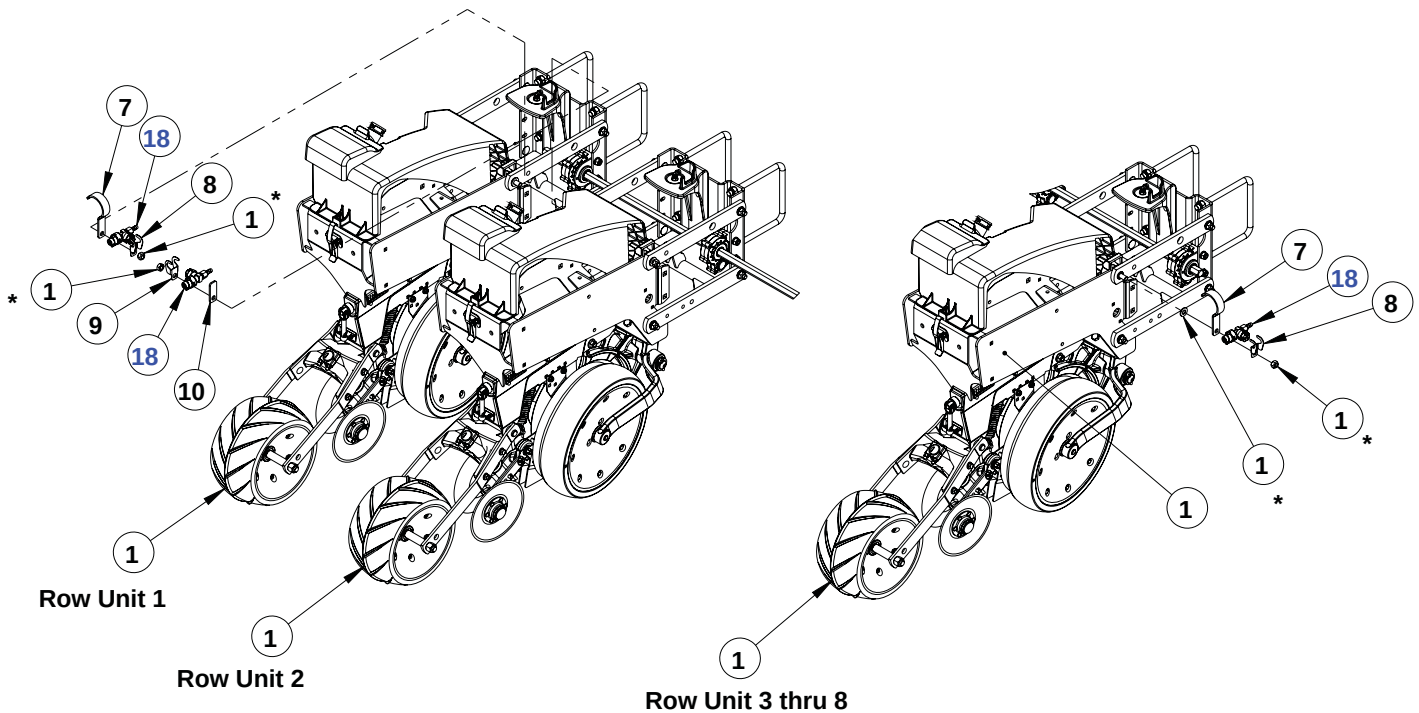


TA00709 Left Wing Row Units 24R22"

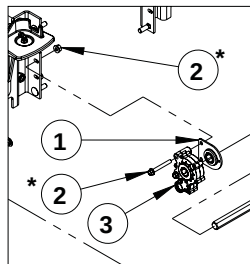
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	47525132	LH Row Unit	8	
2	84534507	Gearbox	8	
3	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	2	
4	HBolt-0.3750-16x1.000-YZ8	Bolt, Hex Hd 3/8-16x1-YZ8	2	
5	HBolt-0.6250-11x8.000-YZ8	Bolt, Hex Hd-5/8-11x8-YZ8	4	
6	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	2	
7	T0051383	Clamp, Hose Row Unit	7	
8	T0051533	Tee Jet Clip	7	
9	T0051651	TeeJet Clip LH	1	
10	T0051652	Plate Check Valve Mount	1	
11	T0052330	Hex Shaft, 87" Long	1	
12	T0052331	Hex Shaft, 75" Long	1	
13	T0052345	Bearing, 7/8" Hex Hanger	4	
14	TA00619	Seed Drive Assy - Wing	1	
15	TA00654	Assy, Coupler	1	
16	TA00669	Assy, Row Unit End Plate-LH	1	
17	TA00688	Assy, Hex Lock Collar w Bolt	2	
18	TA00674	Tee Jet Valve Assy	8	

Note:

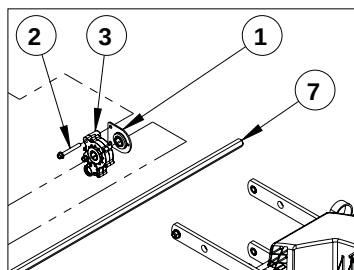
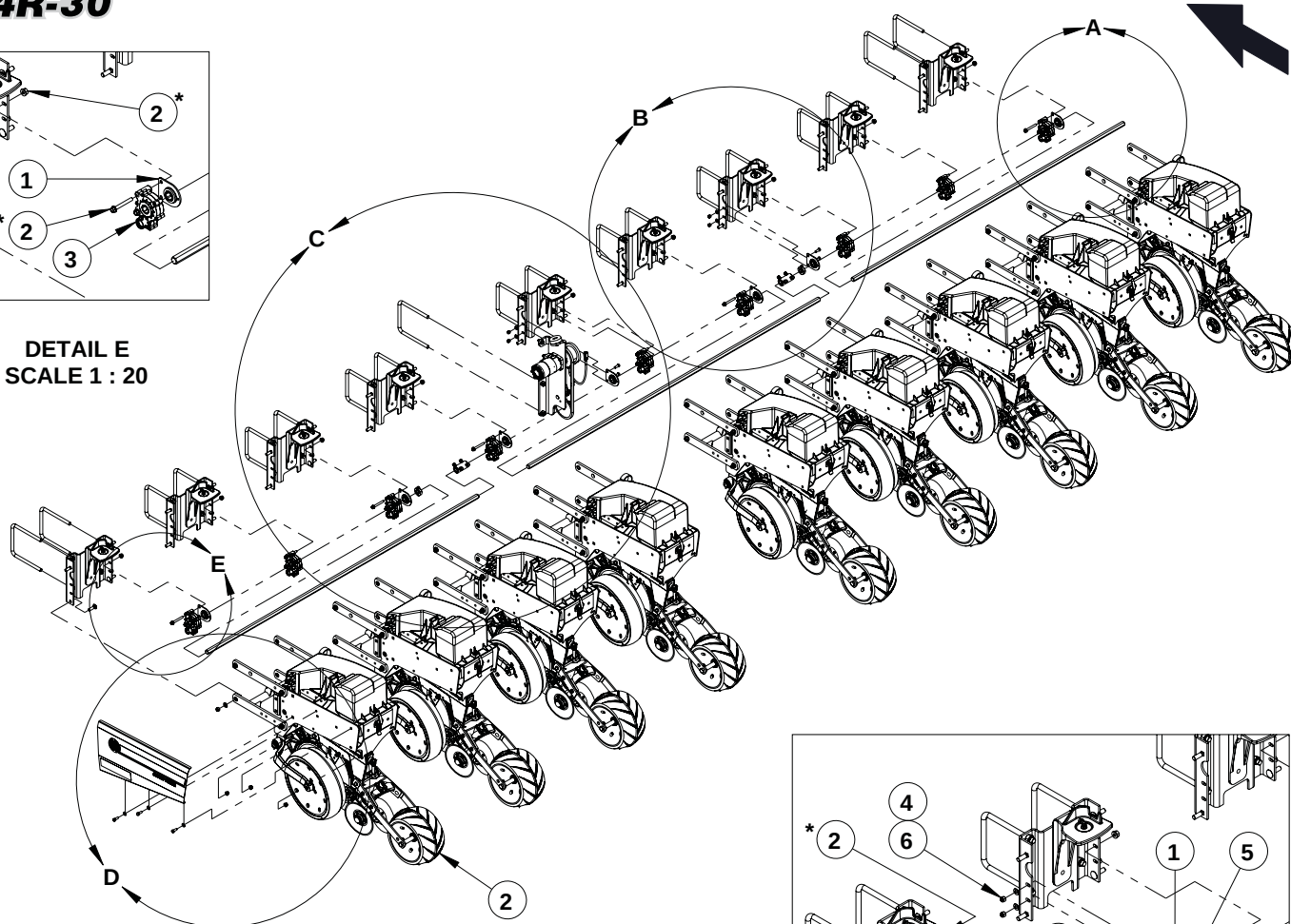
* Items marked with an asterisk are items that are included in that particular part or assembly.



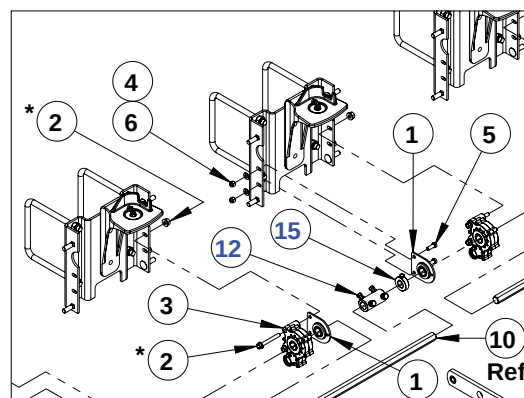
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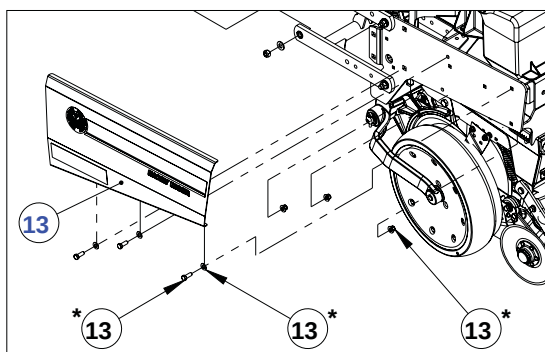
DETAIL E
SCALE 1 : 20



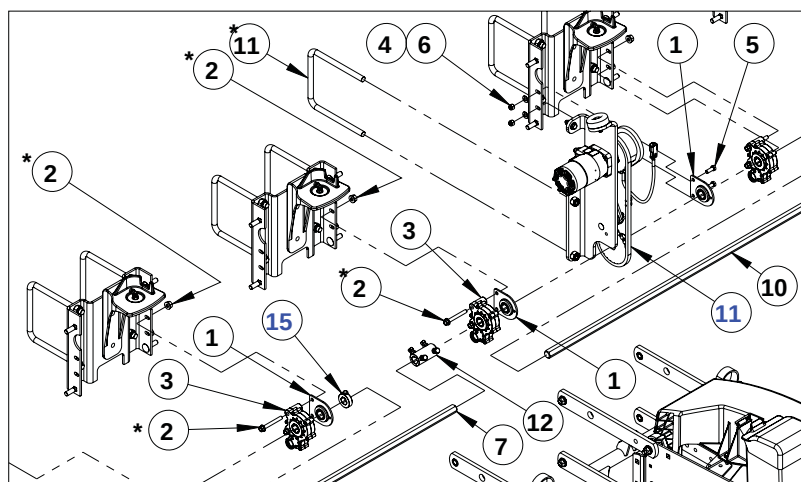
DETAIL A
SCALE 1 : 20



DETAIL B
SCALE 1 : 20



DETAIL D
SCALE 1 : 20



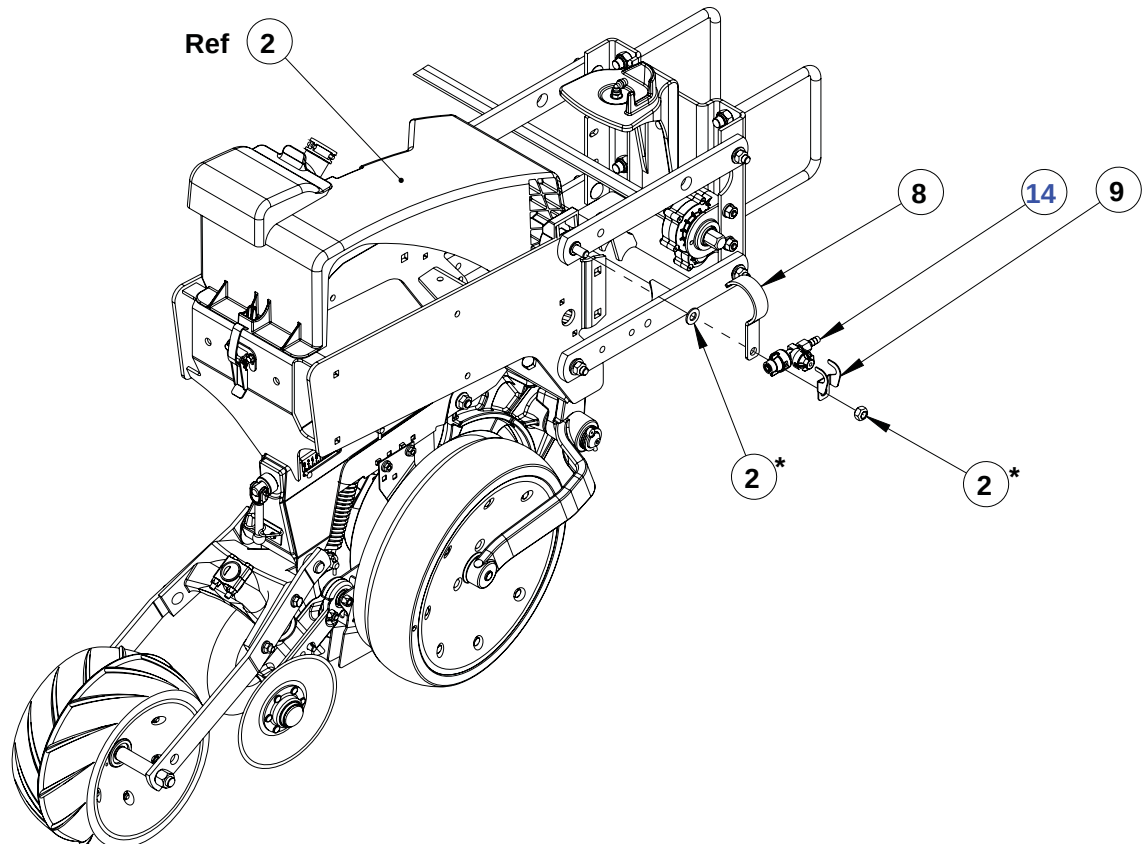
DETAIL C
SCALE 1 : 20

TA00713 Left Wing Row Units 24R30"

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0052345	Bearing, 7/8" Hex Hanger	7	
2	47525132	LH Row Unit	9	
3	84534507	Gearbox	9	
4	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	4	
5	HBolt-0.3750-16x1.000-YZ8	Bolt, Hex Hd 3/8-16x1-YZ8	4	
6	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	4	
7	T0051109	Hex Shaft, 81" Long	2	
8	T0051383	Clamp, Hose Row Unit	9	
9	T0051533	Tee Jet Clip	9	
10	T0052330	Hex Shaft, 87" Long	1	
11	TA00619	Seed Drive Assy - Wing	1	
12	TA00654	Assy, Coupler	2	
13	TA00669	Assy, Row Unit End Plate-LH	1	
14	TA00674	Tee Jet Valve Assy	9	
15	TA00688	Assy, Hex Lock Collar w Bolt	2	

Note:

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



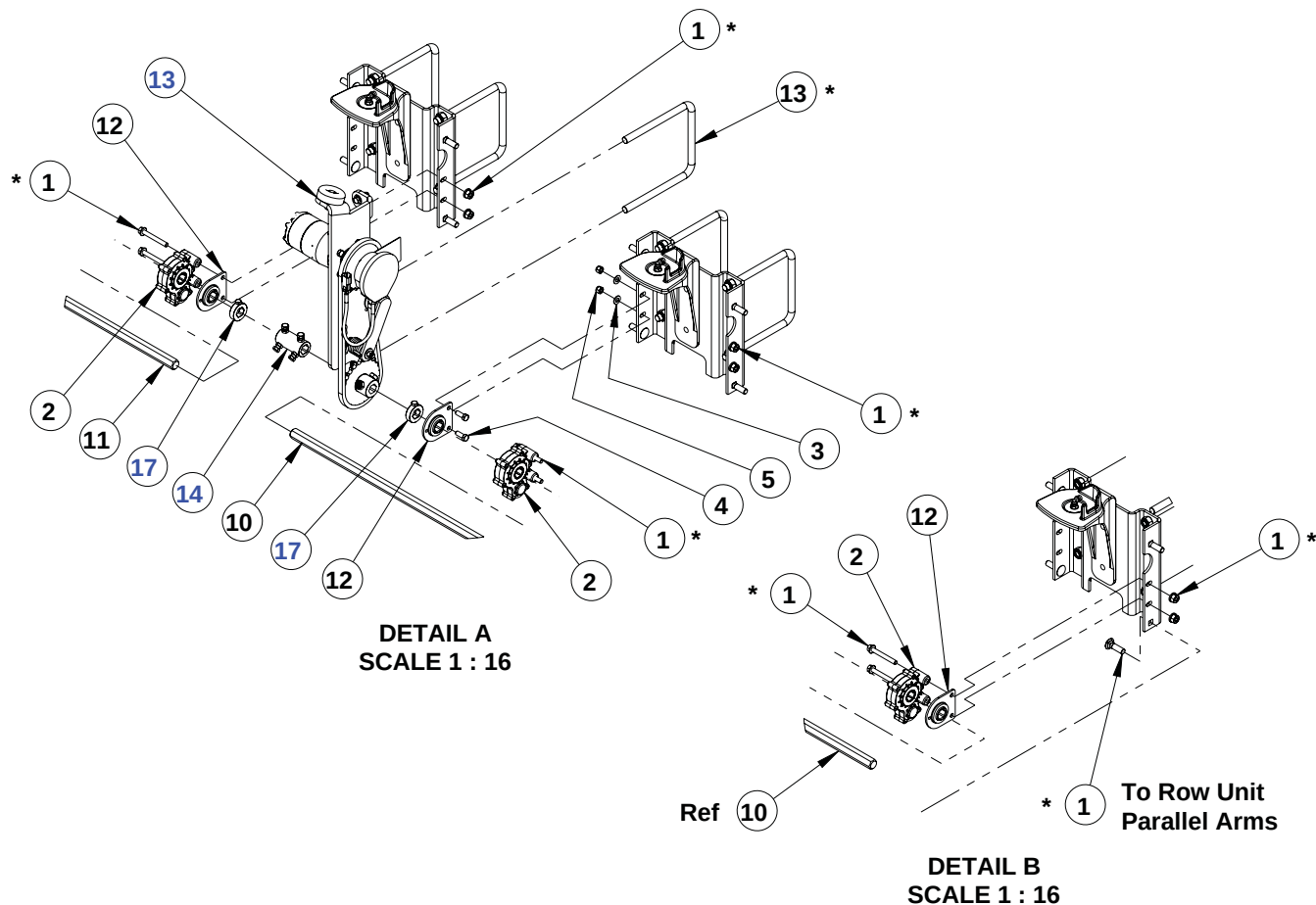


TA00707 Right Wing Row Units 24R22"

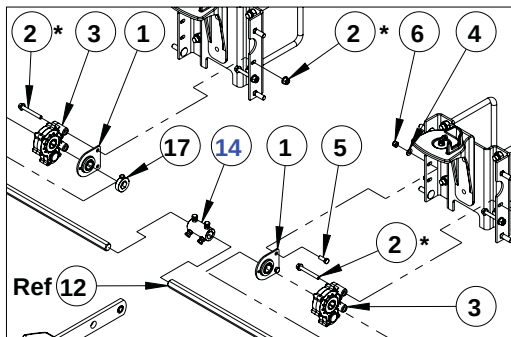
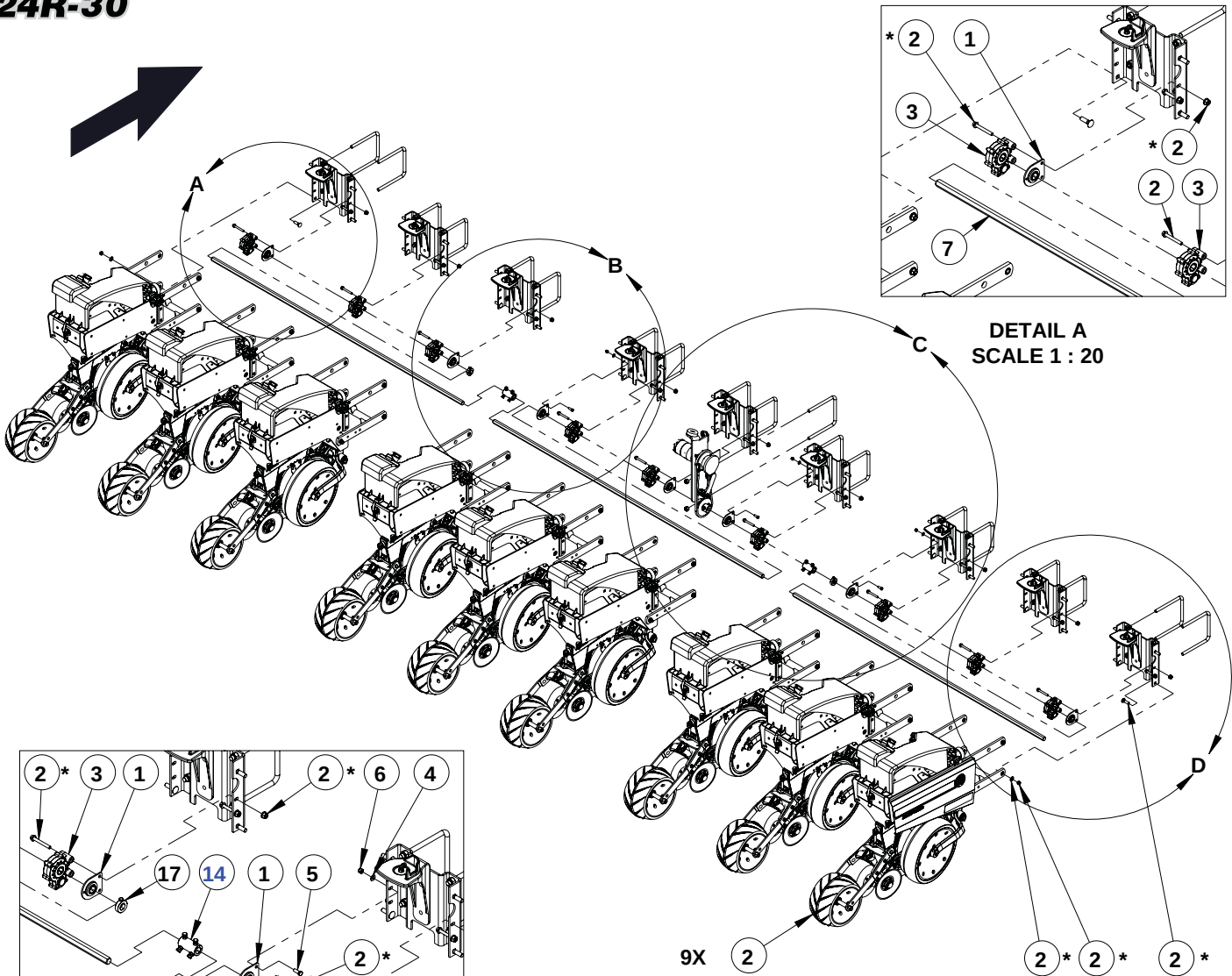
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	47525133	RH Row Unit	8	
2	84534507	Gearbox	8	
3	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	2	
4	HBolt-0.3750-16x1.000-YZ8	Bolt, Hex Hd 3/8-16x1-YZ8	2	
5	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	2	
6	T0051383	Clamp, Hose Row Unit	7	
7	T0051533	Tee Jet Clip	6	
8	T0051651	TeeJet Clip LH	2	
9	T0051652	Plate Check Valve Mount	2	
10	T0052330	Hex Shaft, 87" Long	1	
11	T0052331	Hex Shaft, 75" Long	1	
12	T0052345	Bearing, 7/8" Hex Hanger	4	
13	TA00619	Seed Drive Assy - Wing	1	
14	TA00654	Assy, Coupler	1	
15	TA00674	Tee Jet Valve Assy	8	
16	TA00676	Assy, Row Unit End Plate-RH	1	
17	TA00688	Assy, Hex Lock Collar w Bolt	2	

Note:

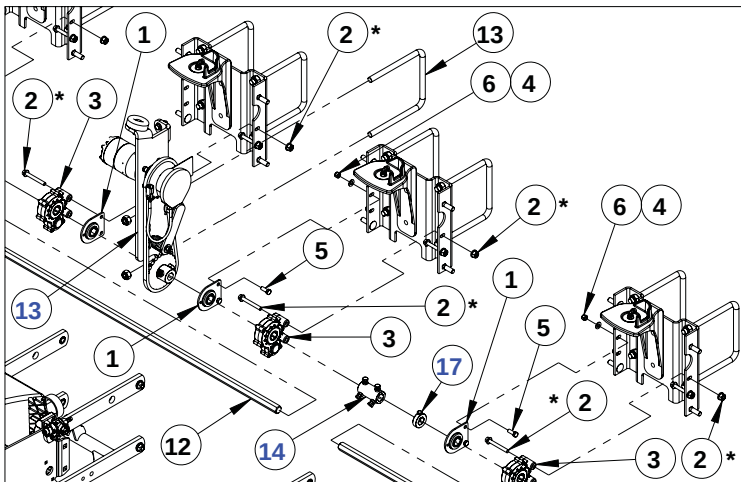
* Items marked with an asterisk are items that are included in that particular part or assembly.



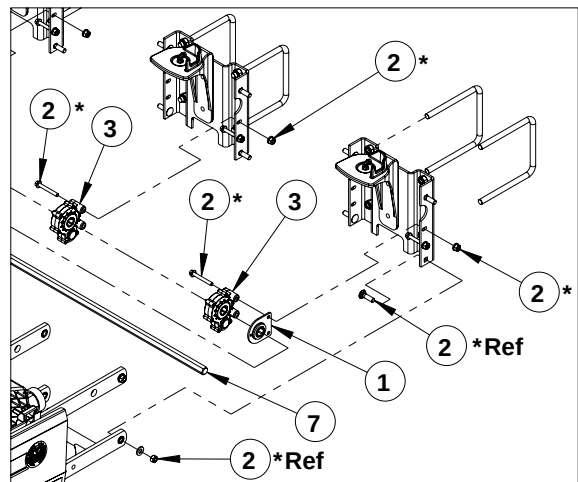
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DETAIL B
SCALE 1 : 20



DETAIL C
SCALE 1 : 20



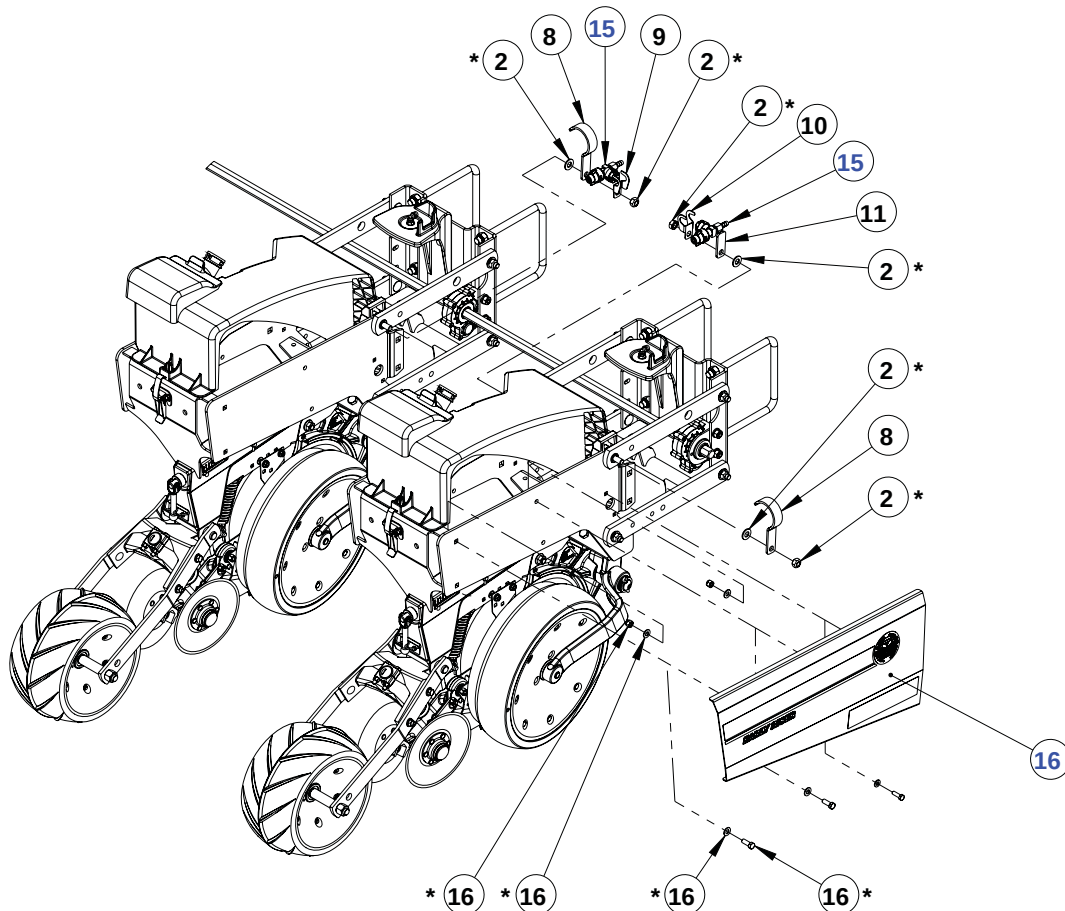
DETAIL D
SCALE 1 : 20

TA00711 Right Wing Row Units 24R30

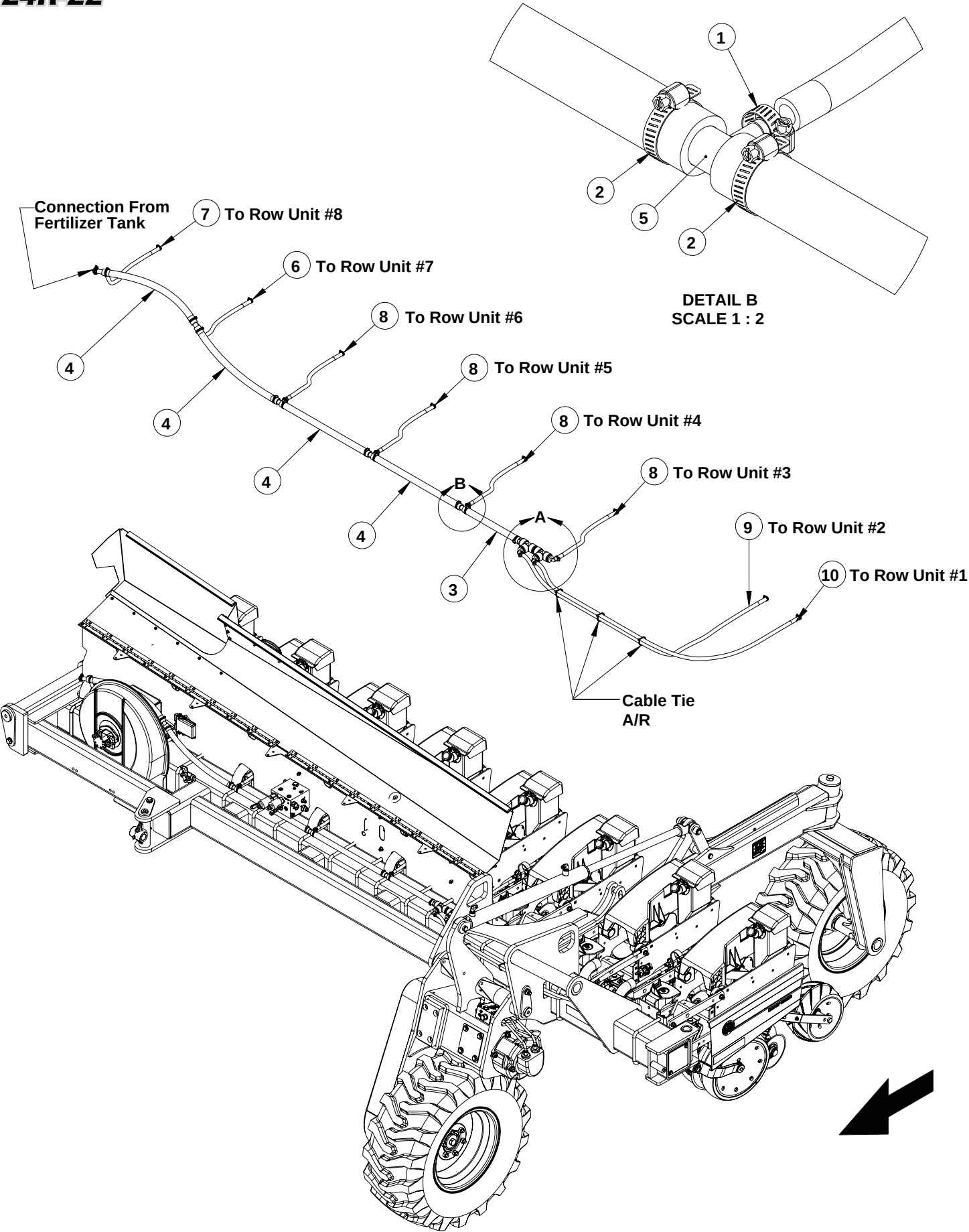
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0052345	Bearing, 7/8" Hex Hanger	7	
2	47525133	RH Row Unit	9	
3	84534507	Gearbox	9	
4	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	6	
5	HBolt-0.3750-16x1.000-YZ8	Bolt, Hex Hd 3/8-16x1-YZ8	6	
6	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	6	
7	T0051109	Hex Shaft, 81" Long	2	
8	T0051383	Clamp, Hose Row Unit	9	
9	T0051533	Tee Jet Clip	8	
10	T0051651	TeeJet Clip LH	1	
11	T0051652	Plate Check Valve Mount	1	
12	T0052330	Hex Shaft, 87" Long	1	
13	TA00619	Seed Drive Assy - Wing	1	
14	TA00654	Assy, Coupler	2	
15	TA00674	Tee Jet Valve Assy	9	
16	TA00676	Assy, Row Unit End Plate-RH	1	
17	TA00688	Assy, Hex Lock Collar w Bolt	2	

Note:

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



24R-22

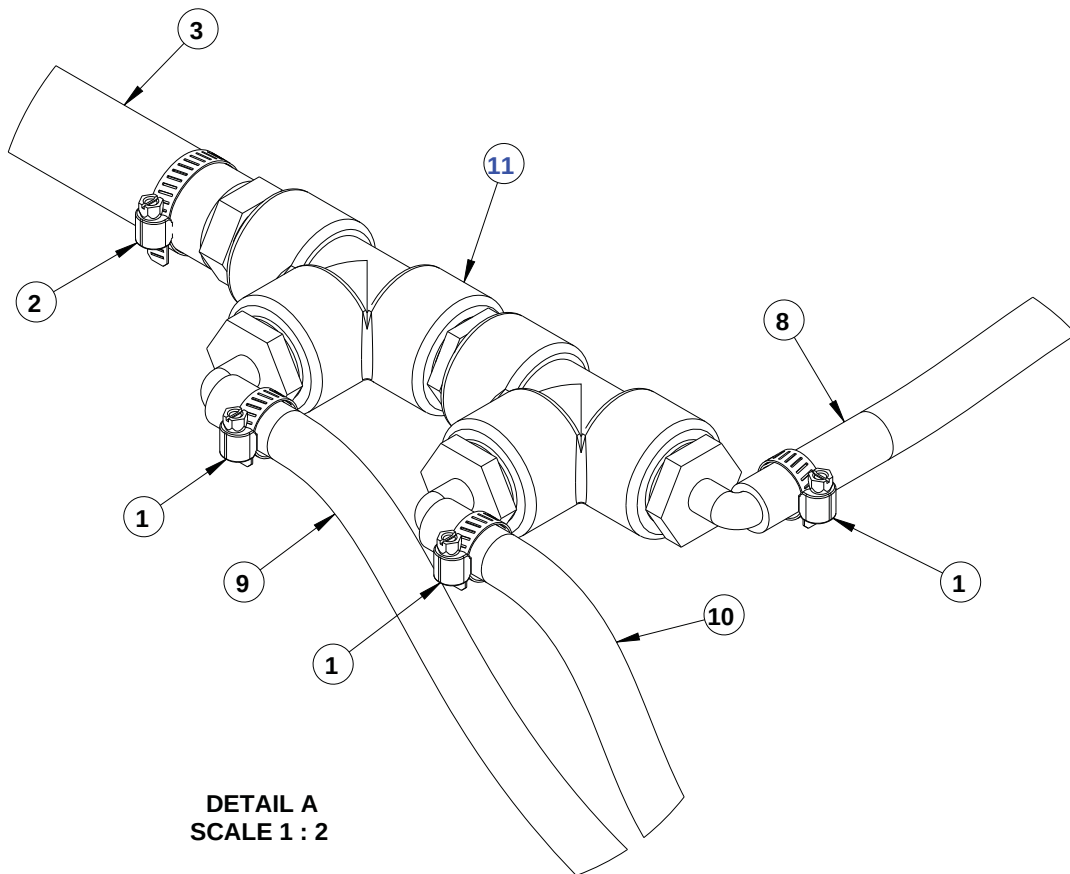


TA00818 Assy, LH Wing Fert Hose Route

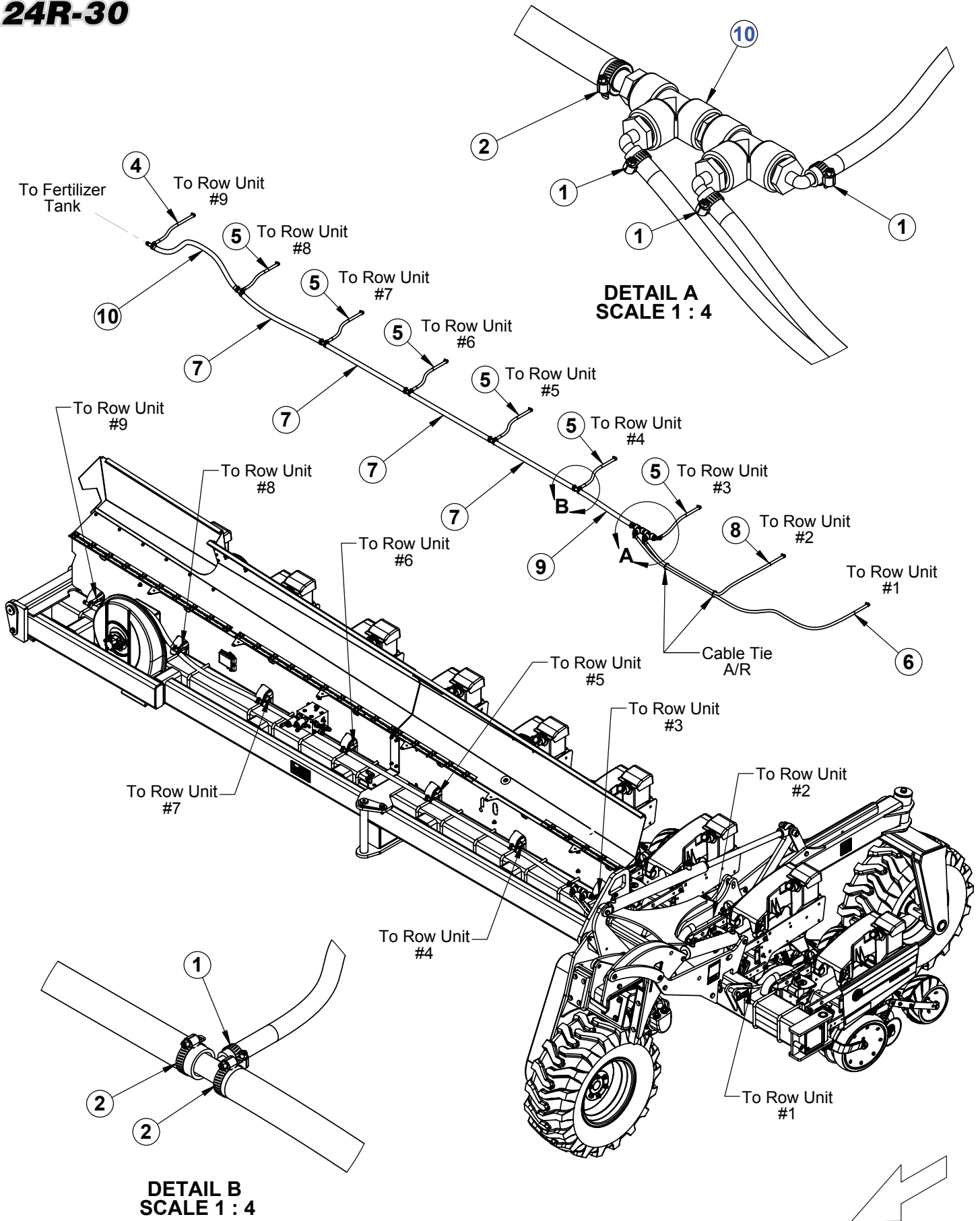
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HClamp-SAE-06-SS	Hose Clamp, SAE #6-SS	16	
2	HClamp-SAE-12-SS	Hose Clamp, SAE #12-SS	11	
3	T0051961	Hose, Ag Spray 200 Ø3/8X13	1	
4	T0051963	Hose, Ag Spray 200 Ø3/8X22	4	
5	T0052308	Barbed Tee 3/4" x 3/4" x 3/8"	5	
6	T0052400	Hose, Ag Spray 200 Ø3/8X20.5	1	
7	T0052401	Hose, Ag Spray 200 Ø3/8X23.5	1	
8	T0052402	Hose, Ag Spray 200 Ø3/8X18.0	4	
9	T0052441	Hose, Ag Spray 200 Ø3/8X63.0	1	
10	T0052442	Hose, Ag Spray 200 Ø3/8X60.0	1	
11	TA00867	Assy, End Row Unit Fertilizer	1	

Note:

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



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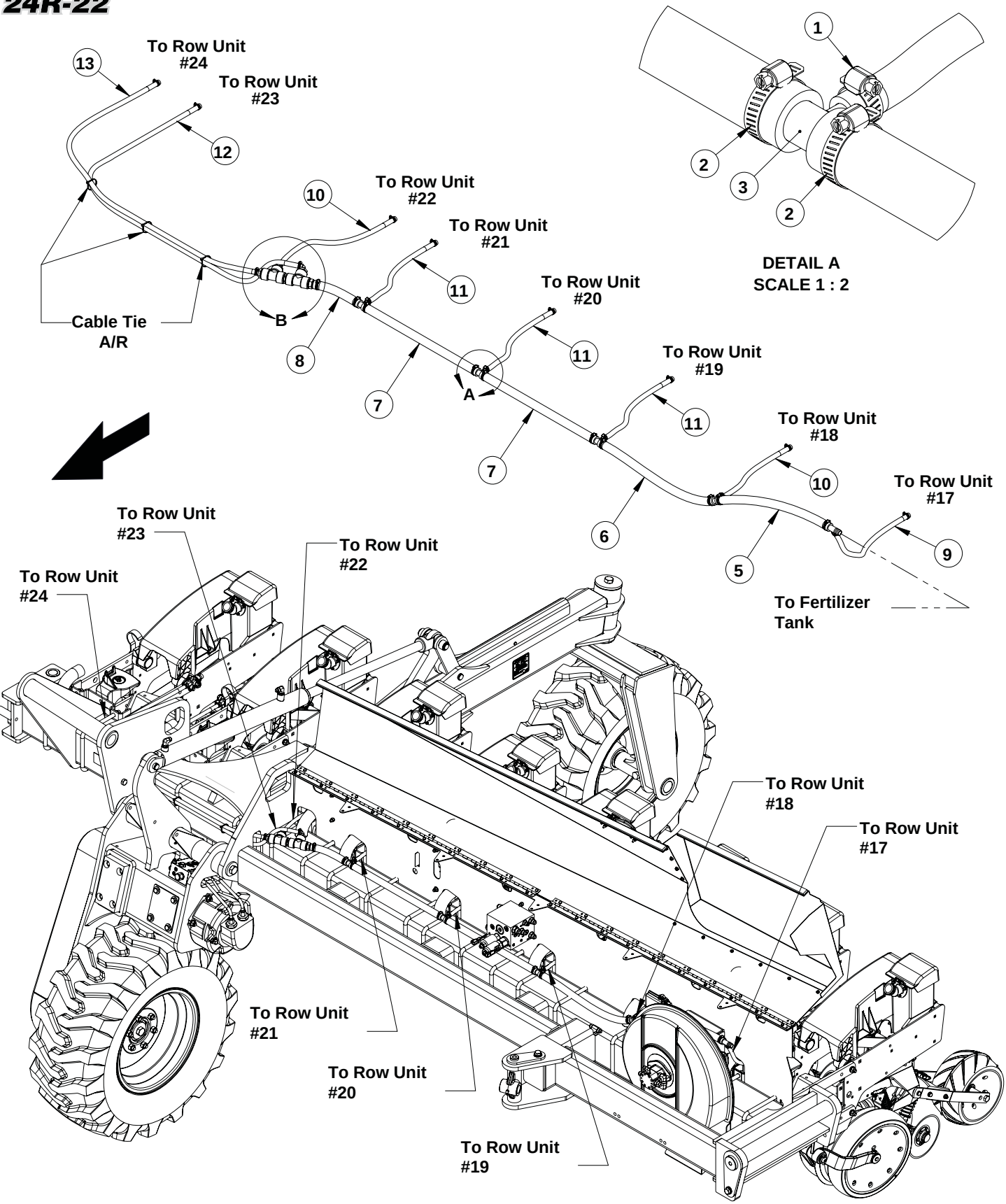


TA00868 Assy, LH Wing Fert Route				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HClamp-SAE-06-SS	Hose Clamp, SAE #6-SS	18	
2	HClamp-SAE-12-SS	Hose Clamp, SAE #12-SS	12	
3	T0052308	Barbed Tee 3/4" x 3/4" x 3/8"	6	
4	T0052667	Hose, Ag Spray 200 Ø3/8X18.5	7	
5	T0052670	Hose, Ag Spray 200 Ø3/8X80.0	1	
6	T0052672	Hose, Ag Spray 200 Ø3/4X29.5	4	
7	T0052674	Hose, Ag Spray 200 Ø3/8X52.0	1	
8	T0052675	Hose, Ag Spray 200 Ø3/4X21.0	1	
9	T0052676	Hose, Ag Spray 200 Ø3/4X35.0	1	
10	TA00867	Assy, End Row Unit Fertilizer	1	

Note:

1. For all Ø3/8" ID hose, use P/N T0051674 Ag Spray 200 Ø3/8" IDx100' Roll.
2. For all Ø3/4" ID hose, use P/N T0051957 Ag Spray 200 Ø3/4" IDx100' Roll.

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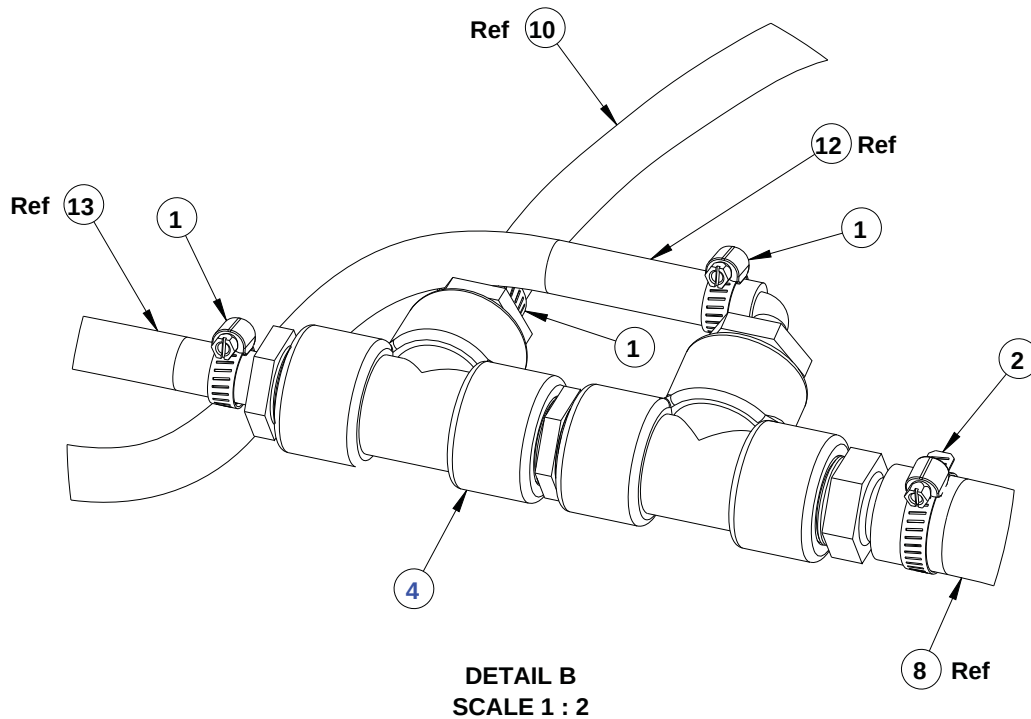


TA00820 Assy, RH Wing Fert Route

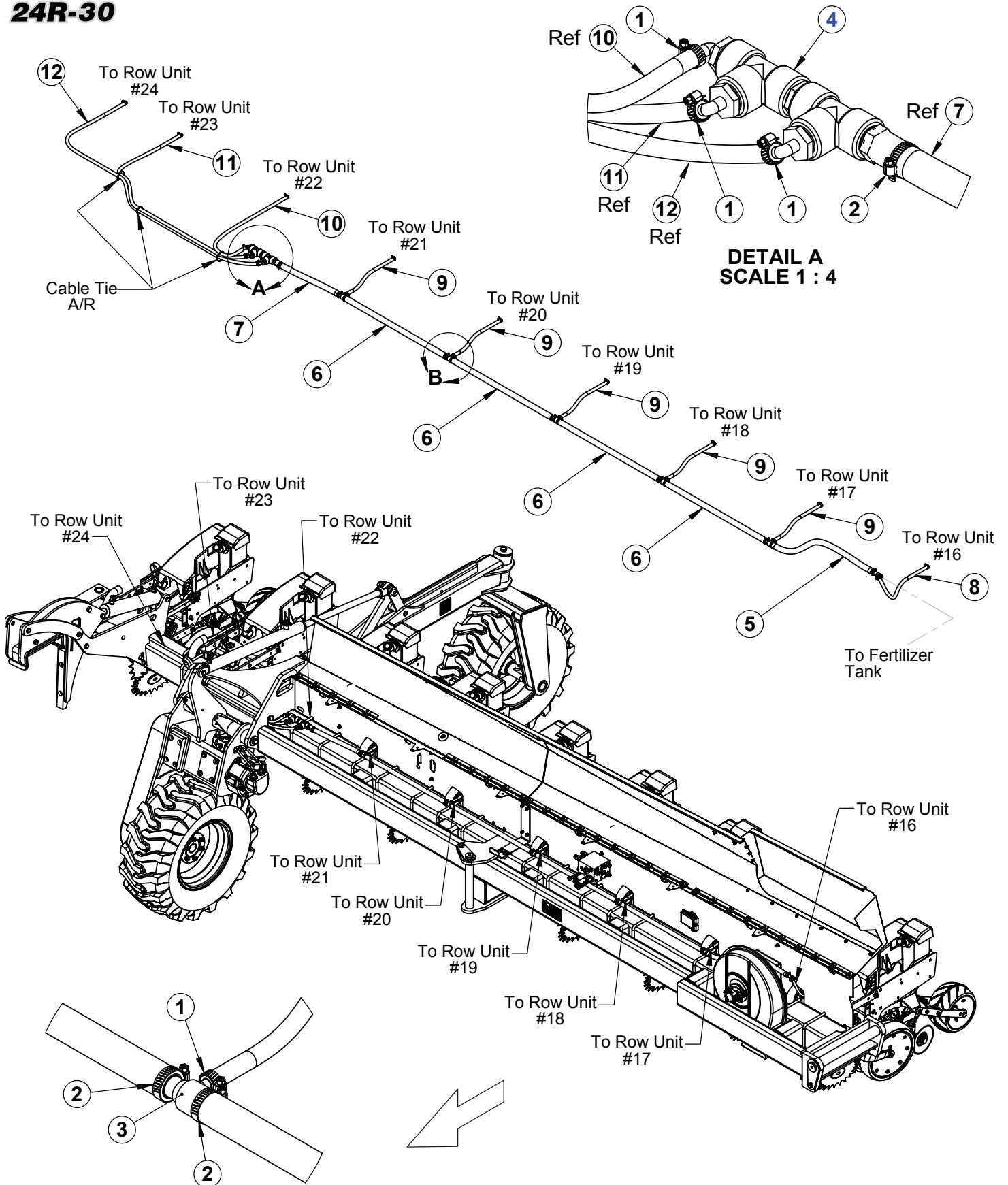
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HClamp-SAE-06-SS	Hose Clamp, SAE #6-SS	16	
2	HClamp-SAE-12-SS	Hose Clamp, SAE #12-SS	10	
3	T0052308	Barbed Tee 3/4" x 3/4" x 3/8"	5	
4	TA00831	Assy, End Row Unit Fertilizer	1	
5	T0052412	Hose, AgSpray 200 Ø3/4X23-1/2	1	
6	T0052413	Hose, AgSpray 200 Ø3/4X21-3/4	1	
7	T0052415	Hose, AgSpray 200 Ø3/4X21-1/2	2	
8	T0052439	Hose, AgSpray 200 Ø3/4X6	1	
9	T0052411	Hose, AgSpray 200 Ø3/8X22-1/2	1	
10	T0052414	Hose, AgSpray 200 Ø3/8X20-1/2	2	
11	T0052416	Hose, AgSpray 200 Ø3/8X20	3	
12	T0052441	Hose, AgSpray 200 Ø3/8X63	1	
13	T0052442	Hose, AgSpray 200 Ø3/8X60	1	

Note:

1. For all Ø3/8" ID hose, use P/N T0051674 Ag Spray 200 Ø3/8" IDx100' Roll.
2. For all Ø3/4" ID hose, use P/N T0051957 Ag Spray 200 Ø3/4" IDx100' Roll.



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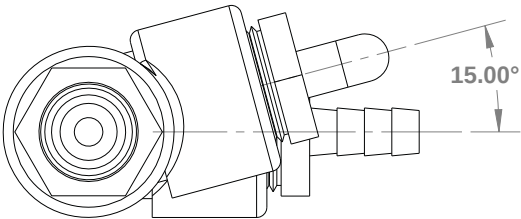
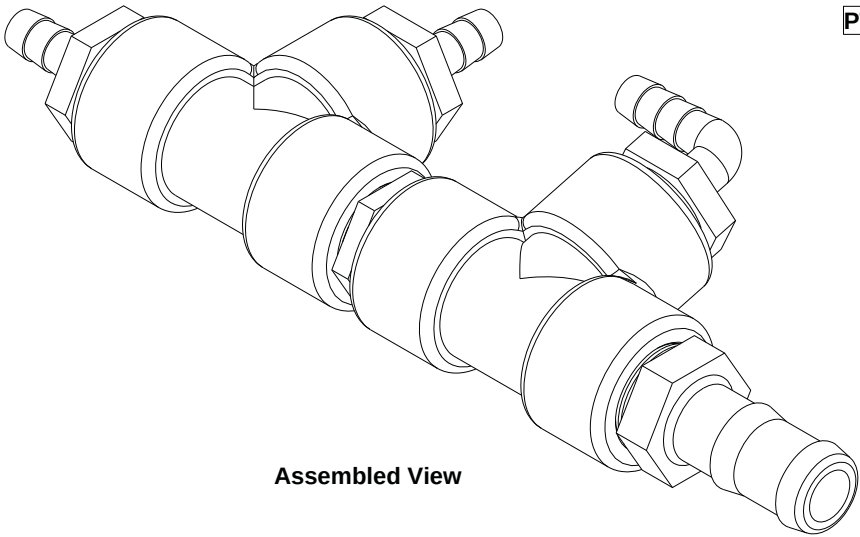
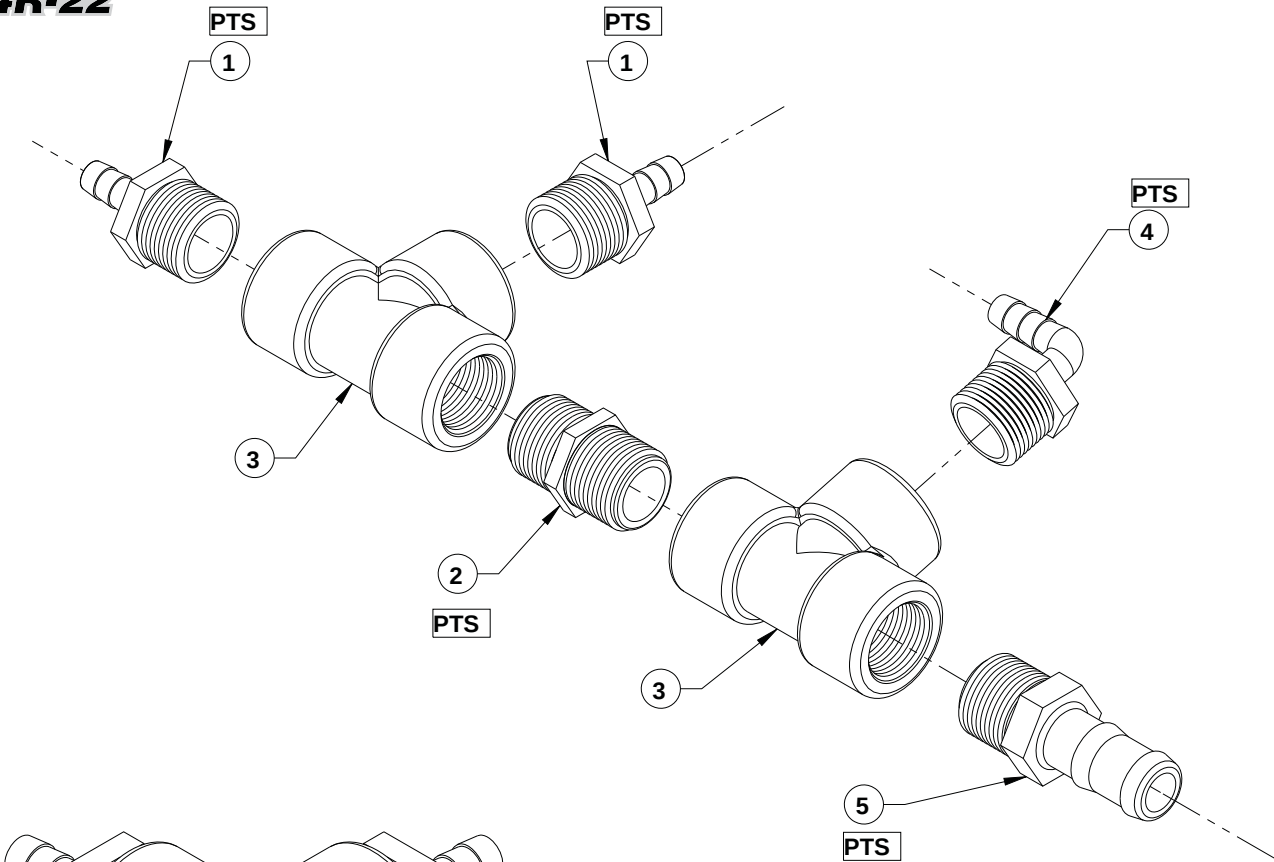
TA00866 Assy, RH Wing Fert Route

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HClamp-SAE-06-SS	Hose Clamp, SAE #6-SS	18	
2	HClamp-SAE-12-SS	Hose Clamp, SAE #12-SS	12	
3	T0052308	Barbed Tee 3/4" x 3/4" x 3/8"	6	
4	TA00867	Assy, End Row Unit Fertilizer	1	
5	T0052671	Hose, Ag Spray 200 Ø3/4X31.75	1	
6	T0052672	Hose, Ag Spray 200 Ø3/4X29.5	4	
7	T0052673	Hose, Ag Spray 200 Ø3/4X15.0	1	
8	T0052666	Hose, Ag Spray 200 Ø3/8X21.75	1	
9	T0052667	Hose, Ag Spray 200 Ø3/8X18.5	5	
10	T0052668	Hose, Ag Spray 200 Ø3/8X31.5	1	
11	T0052669	Hose, Ag Spray 200 Ø3/8X60.0	1	
12	T0052670	Hose, Ag Spray 200 Ø3/8X80.0	1	

Note:

1. For all Ø3/8" ID hose, use P/N T0051674 Ag Spray 200 Ø3/8" IDx100' Roll.
2. For all Ø3/4" ID hose, use P/N T0051957 Ag Spray 200 Ø3/4" IDx100' Roll.

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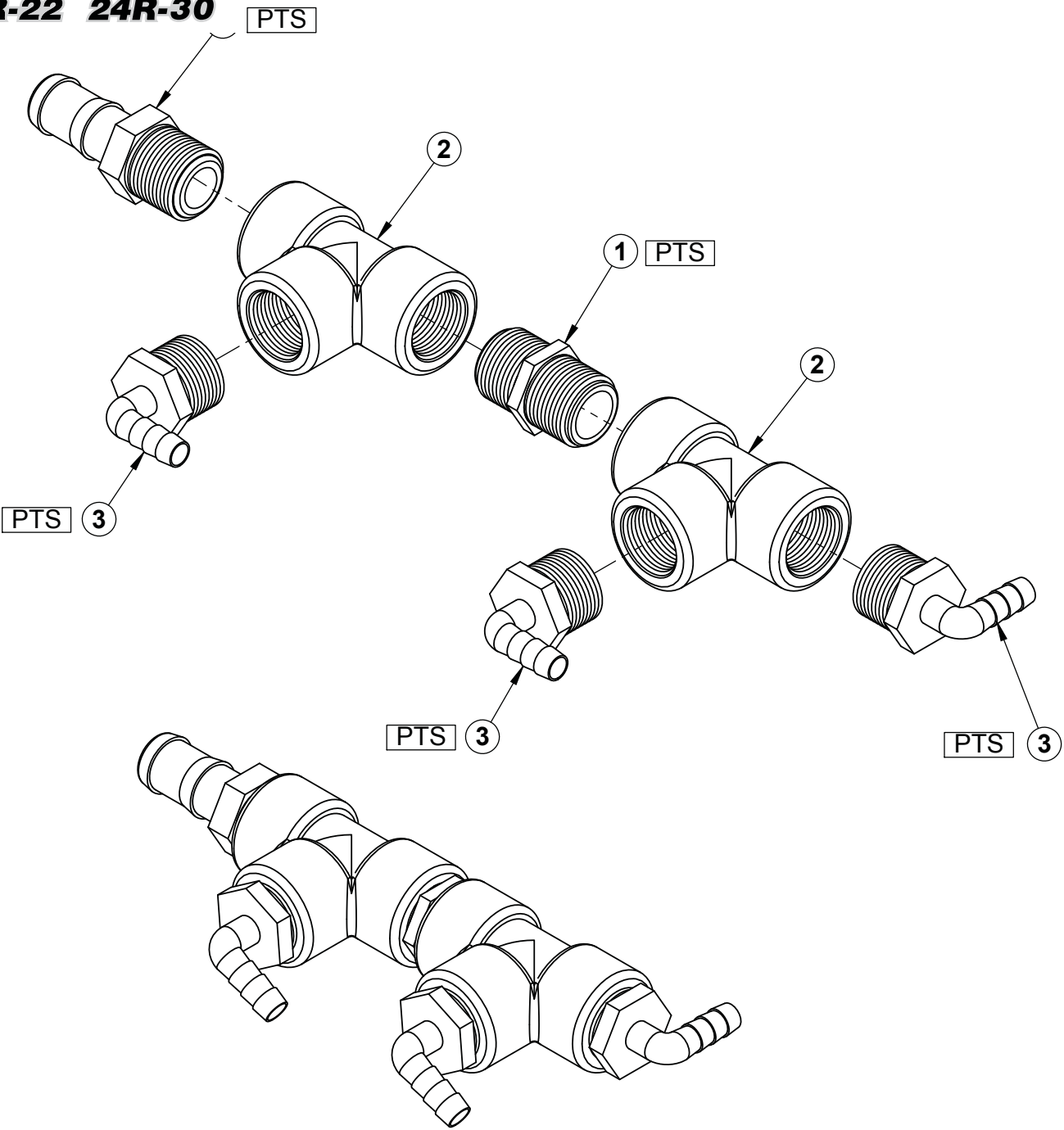
TA00831 Assy, End Row Unit Fertilizer

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0051543	Hose Barb 3/4" MPT x 3/8" HB	2	
2	T0051557	Nipple 3/4" Short	1	
3	T0051558	Tee 3/4" Threaded	2	
4	T0051641	3/4" MPT x 3/8" HB Elbow	1	
5	T0051643	3/4" MPT x 3/4" HB SCH. 40	1	

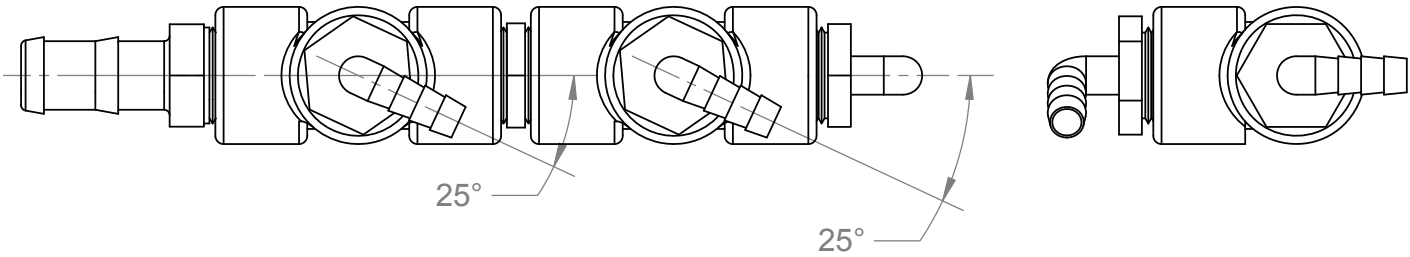
Note:

1. PTS=Apply Pipe Thread Sealeant, use Rectorseal #21 or Equivalent.

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Assembled View
Left Hand Application



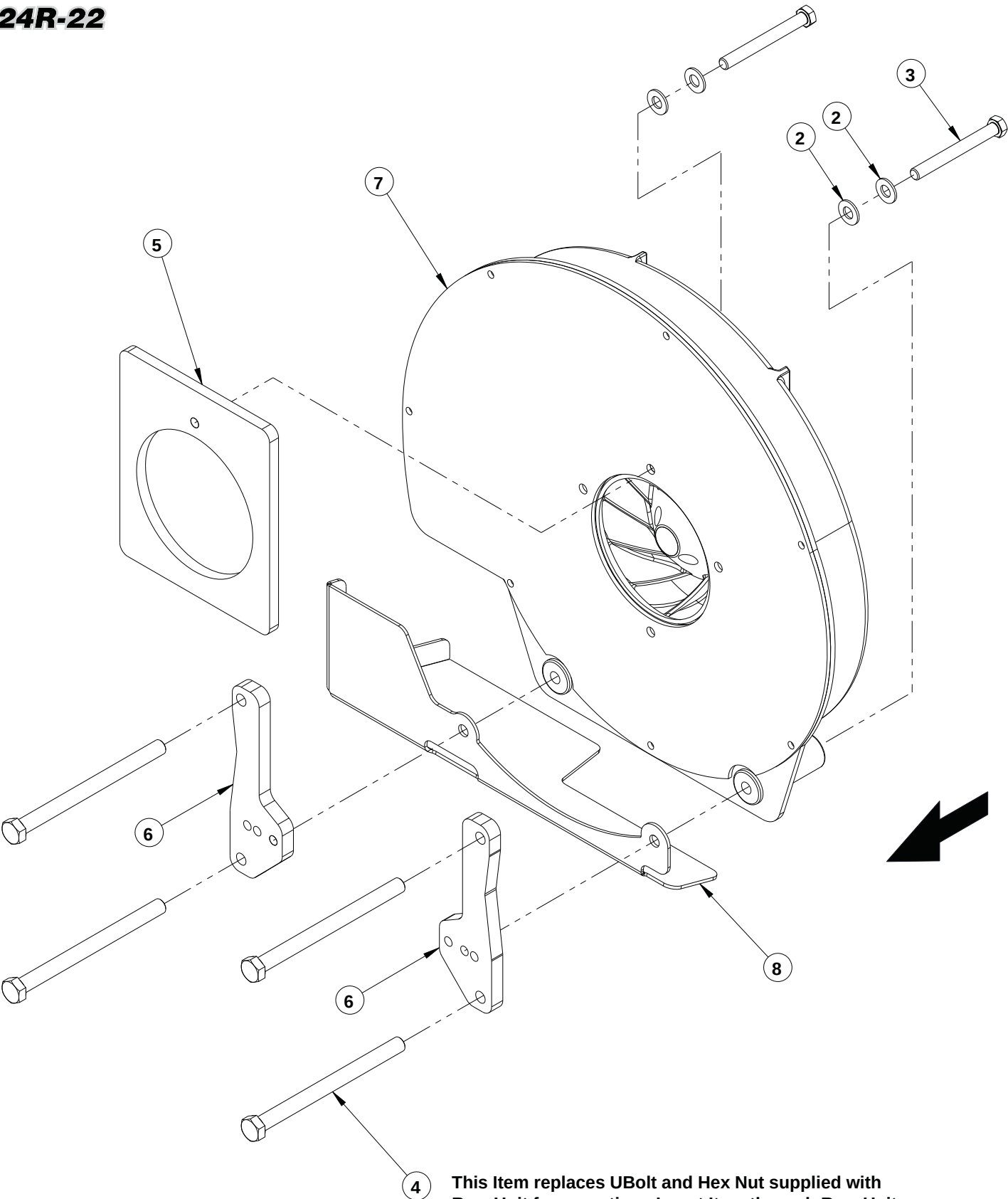
TA00867 Assy, End Row Unit Fertilizer

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0051557	Nipple 3/4" Short	1	
2	T0051558	Tee 3/4" Threaded	2	
3	T0051641	3/4" MPT x 3/8" HB Elbow	3	
4	T0051643	3/4" MPT x 3/4" HB SCH. 40	1	

Note:

1. PTS=Apply Pipe Thread Sealeant, use Rectorseal #21 or Equivalent.

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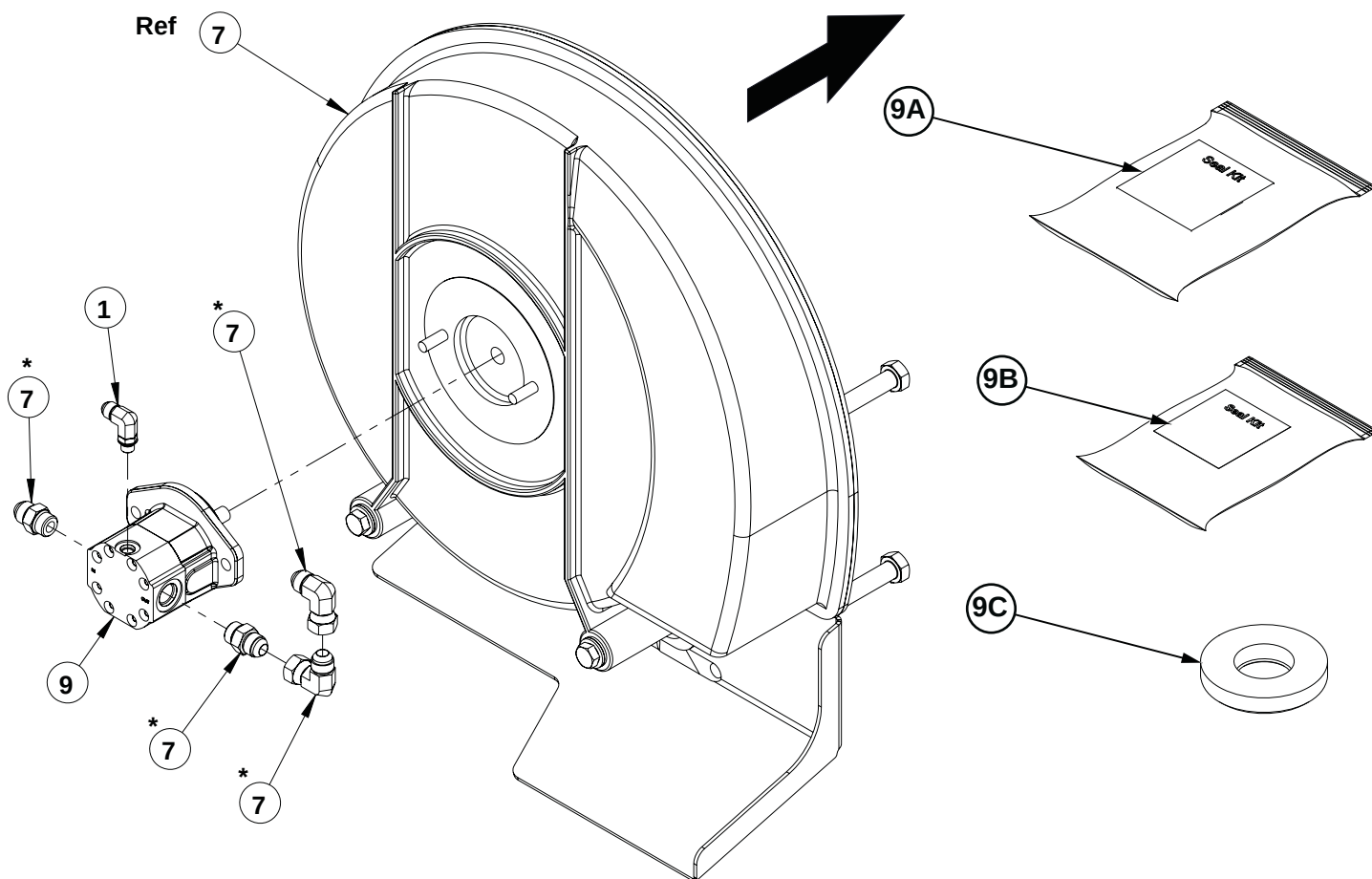
This Item replaces UBolt and Hex Nut supplied with Row Unit for mounting. Insert Item through Row Unit Mounting Brackets and Fasten to Fan Mount Plate.

TA00813 Assy, Fan

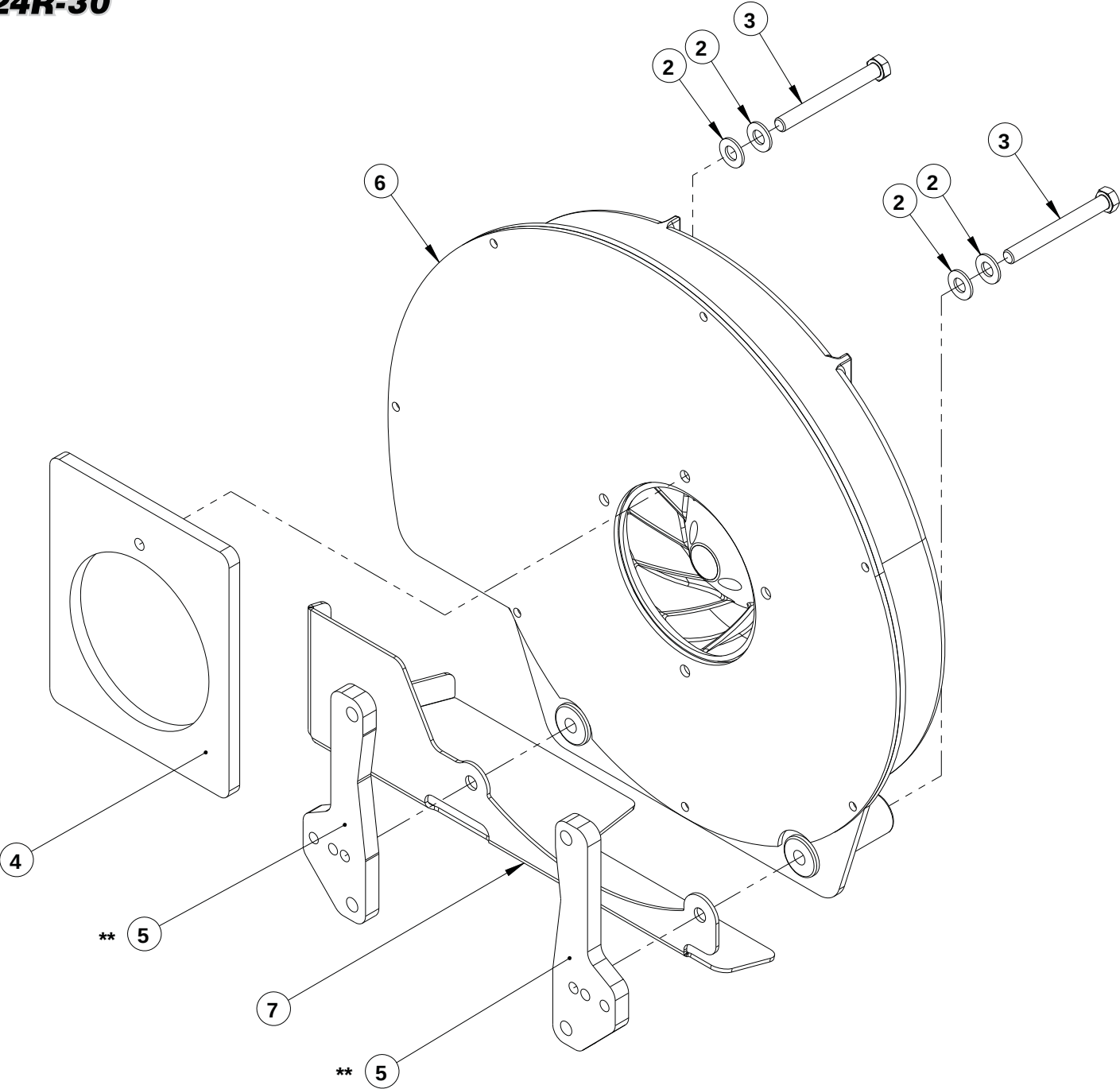
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	ADAPTER 06MJ-04MB 90	ADAPTER 06MJ-04MB 90	1	
2	FW-SAE-0.500-YZ	Washer, Flat SAE - 1/2-YZ	4	
3	HBolt-0.5000-13x4.500-YZ8	Bolt, Hex Hd 1/2-13x4-1/2-YZ8	2	
4	HBolt-0.6250-11x8.000-YZ8	Bolt, Hex Hd-5/8-11x8-YZ8	4	
5	T0052360	Seal, Vacuum Fan to Plenum	1	
6	T0052587	Plate, Fan Mount Tapped	2	
7	TA00639	Fan - Vacuum w/Motor	1	
8	TW000801	Wldmt, Fan Deflector	1	
9	T0052793	Motor, Fan Drive 4.2cc	1	
9A	T0051782	Seal Kit, Motor 730352	1	
9B	T0052794	Seal Kit, Motor 730425	1	
9C	T0052795	Seal, Motor Shaft (Included in 9A, & 9B)	1	

Note:

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



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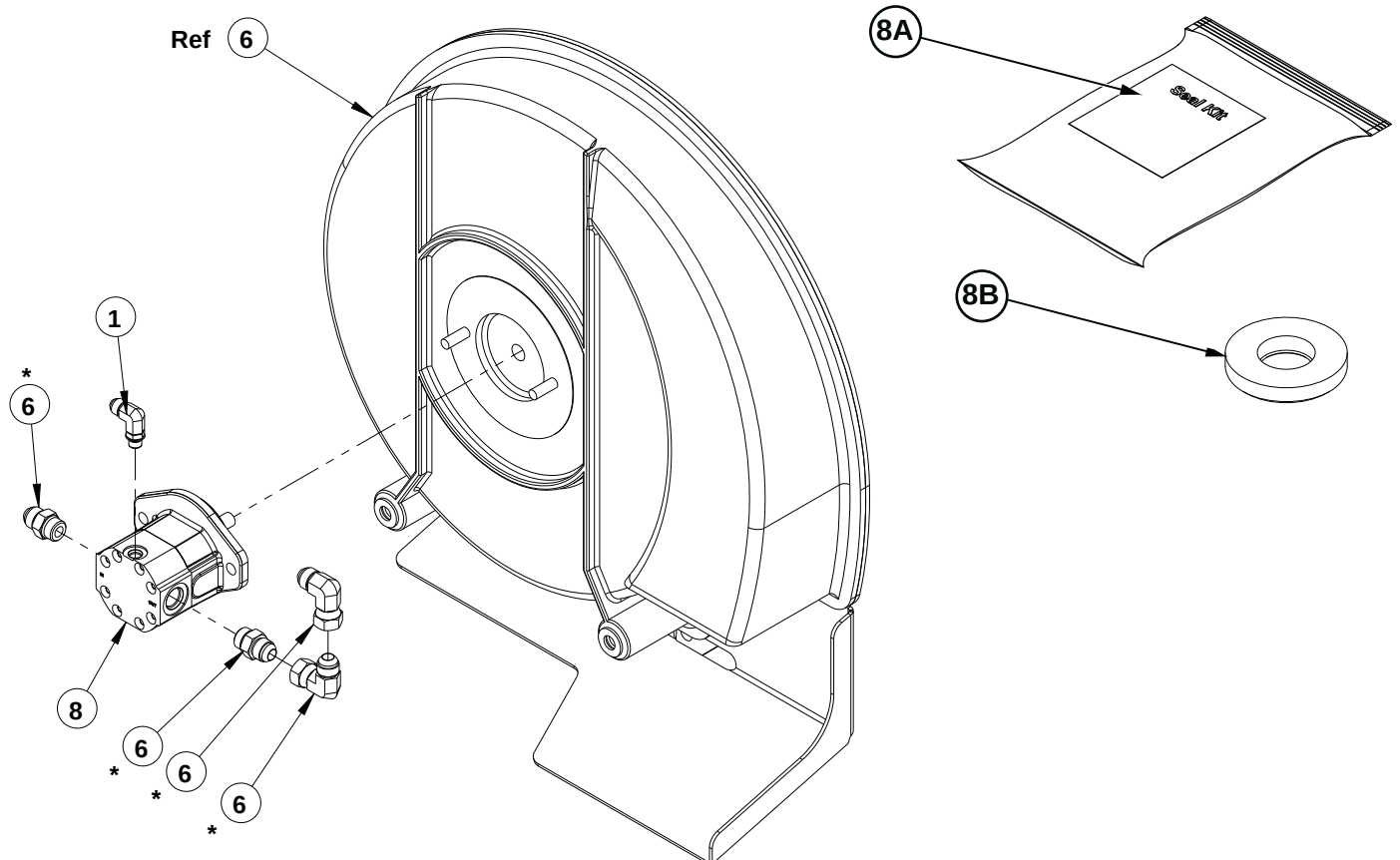
TA00872 Assy, Fan 24R30

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	ADAPTER 06MJ-04MB 90	ADAPTER 06MJ-04MB 90	1	
2	FW-SAE-0.500-YZ	Washer, Flat SAE - 1/2-YZ	4	
3	HBolt-0.5000-13x4.500-YZ8	Bolt, Hex Hd 1/2-13x4-1/2-YZ8	2	
4	T0052360	Seal, Vacuum Fan to Plenum	1	
5	T0052587	Plate, Fan Mount Tapped	2	
6	TA00639	Fan - Vacuum w/Motor	1	
7	TW000801	Wldmt, Fan Deflector	1	
8	T0052793	Motor, Fan Drive 4.2cc	1	
8A	T0052794	Seal Kit, Motor 730425	1	
8B	T0052795	Seal, Motor Shaft	1	

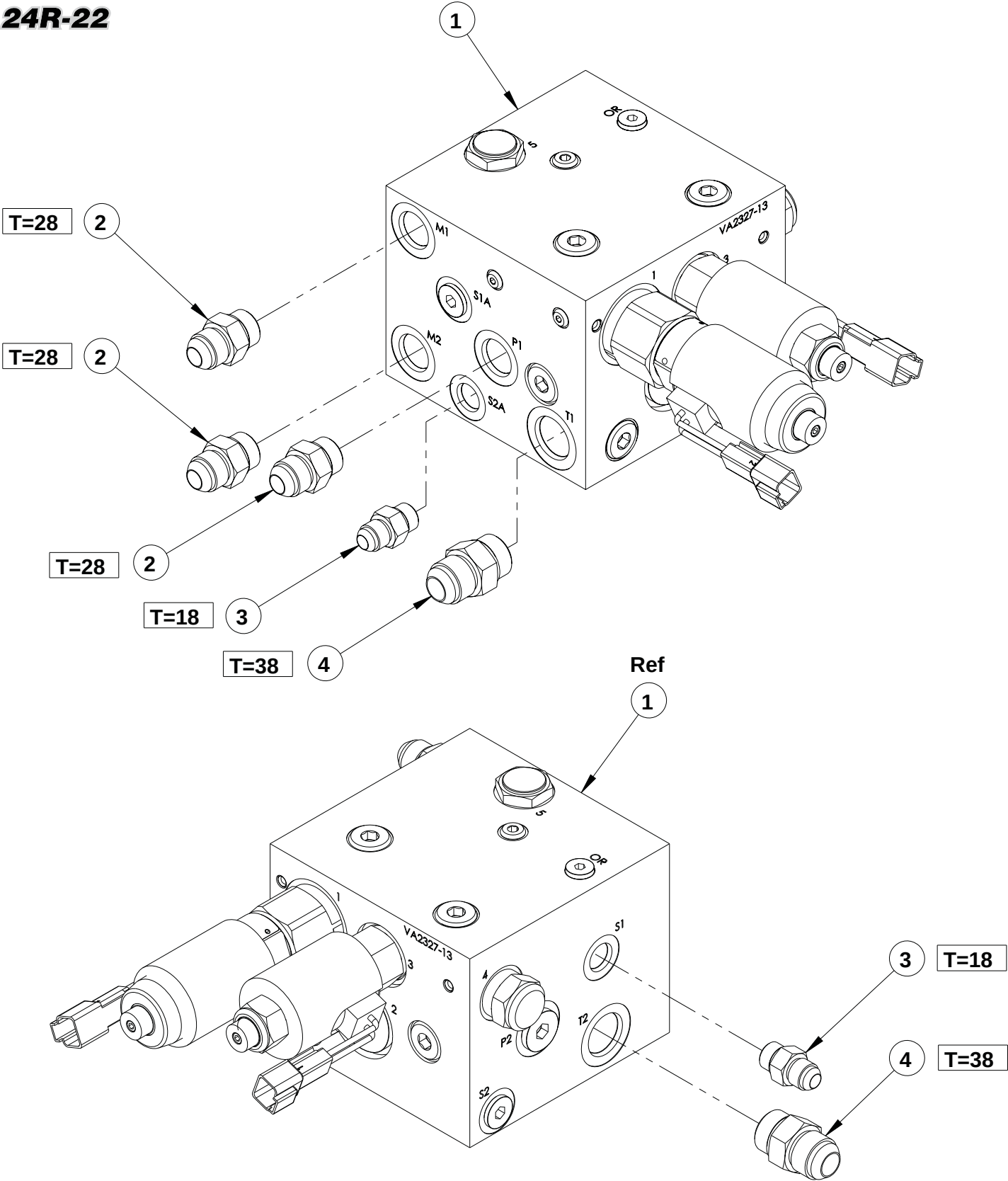
Note:

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

** Note Orientation of Fan Mount Plate.



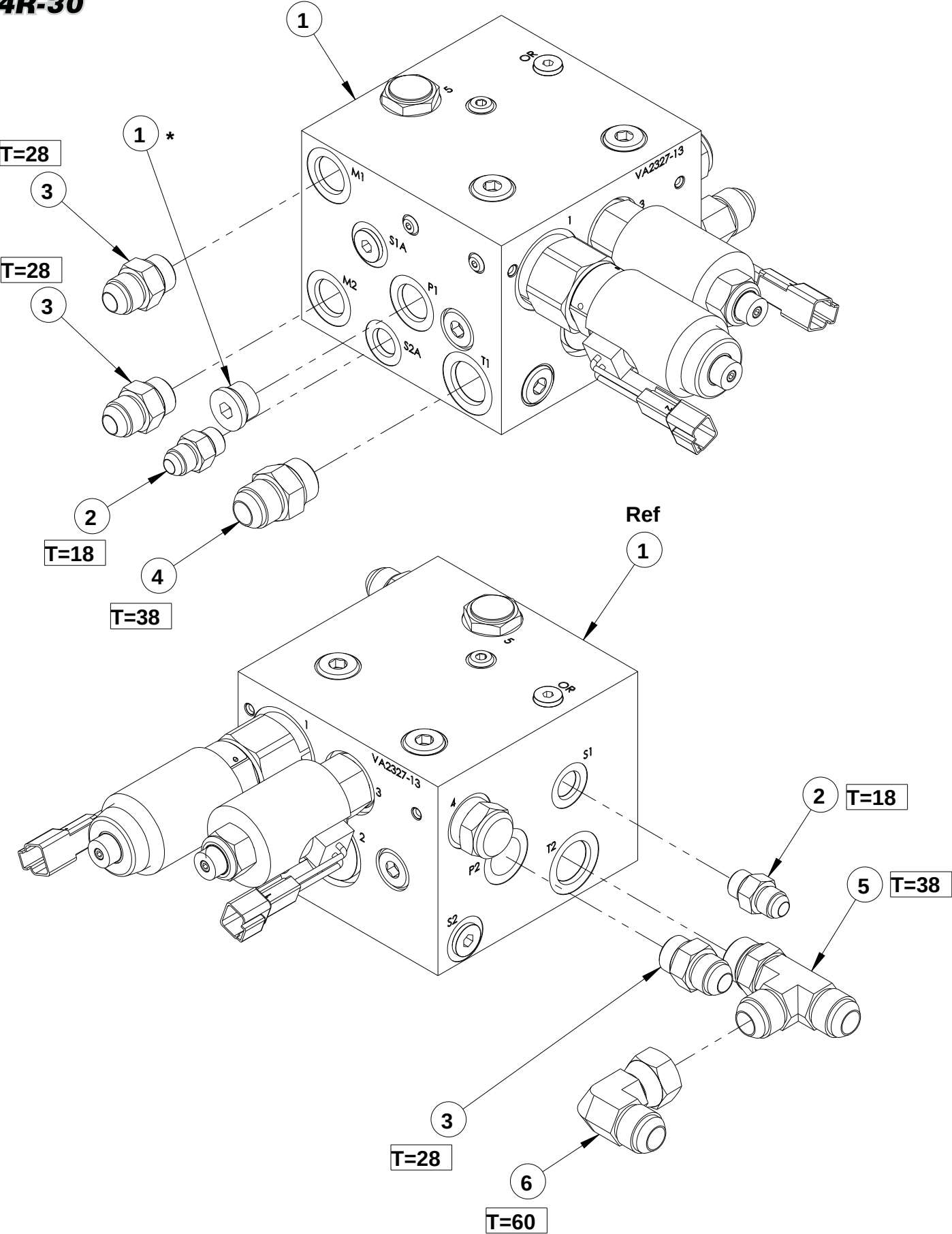
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TA00740 Assy, Fan & Meter Control Valve 24R22

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0051937	Valve - Fan & Meter Control	1	
2	ADAPTER 08MJ-08MB	ADAPTER 08MJ-08MB	3	28
3	ADAPTER 06MJ-06MB	ADAPTER 06MJ-06MB	2	18
4	ADAPTER 10MJ-10MB	ADAPTER 10MJ-10MB	2	38

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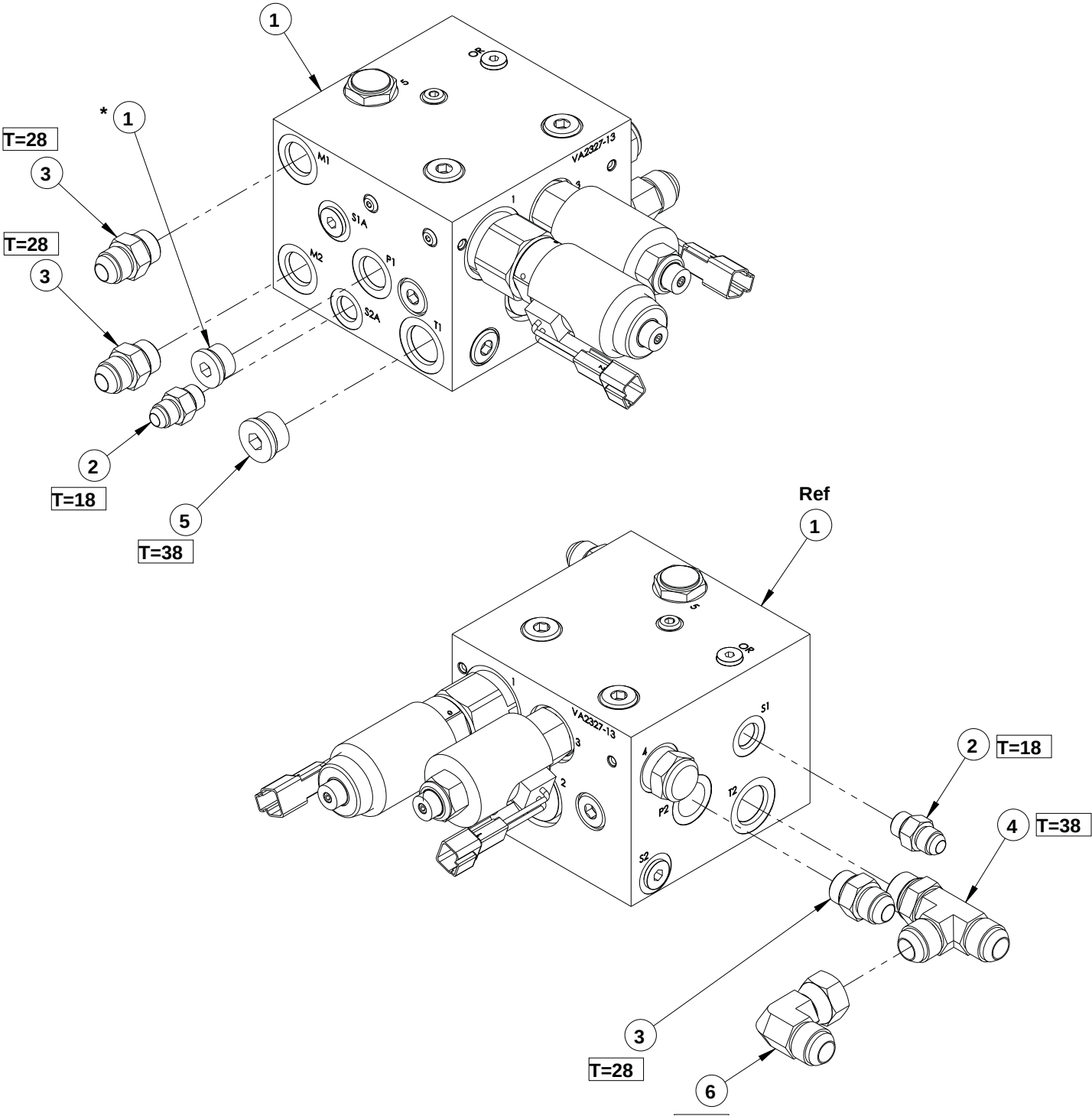
TA00859 Assy, Fan & Meter Control Valve (LH Wing 24R30)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0051937	Valve - Fan & Meter Control	1	
2	ADAPTER 06MJ-06MB	ADAPTER 06MJ-06MB	2	18
3	ADAPTER 08MJ-08MB	ADAPTER 08MJ-08MB	3	28
4	ADAPTER 10MJ-10MB	ADAPTER 10MJ-10MB	1	38
5	ADAPTER 10MJ-10MB-10MJ TEE	ADAPTER 10MJ-10MB-10MJ TEE	1	38
6	ADAPTER 10MJ-10FJX 90	ADAPTER 10MJ-10FJX 90	1	60

Note:

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

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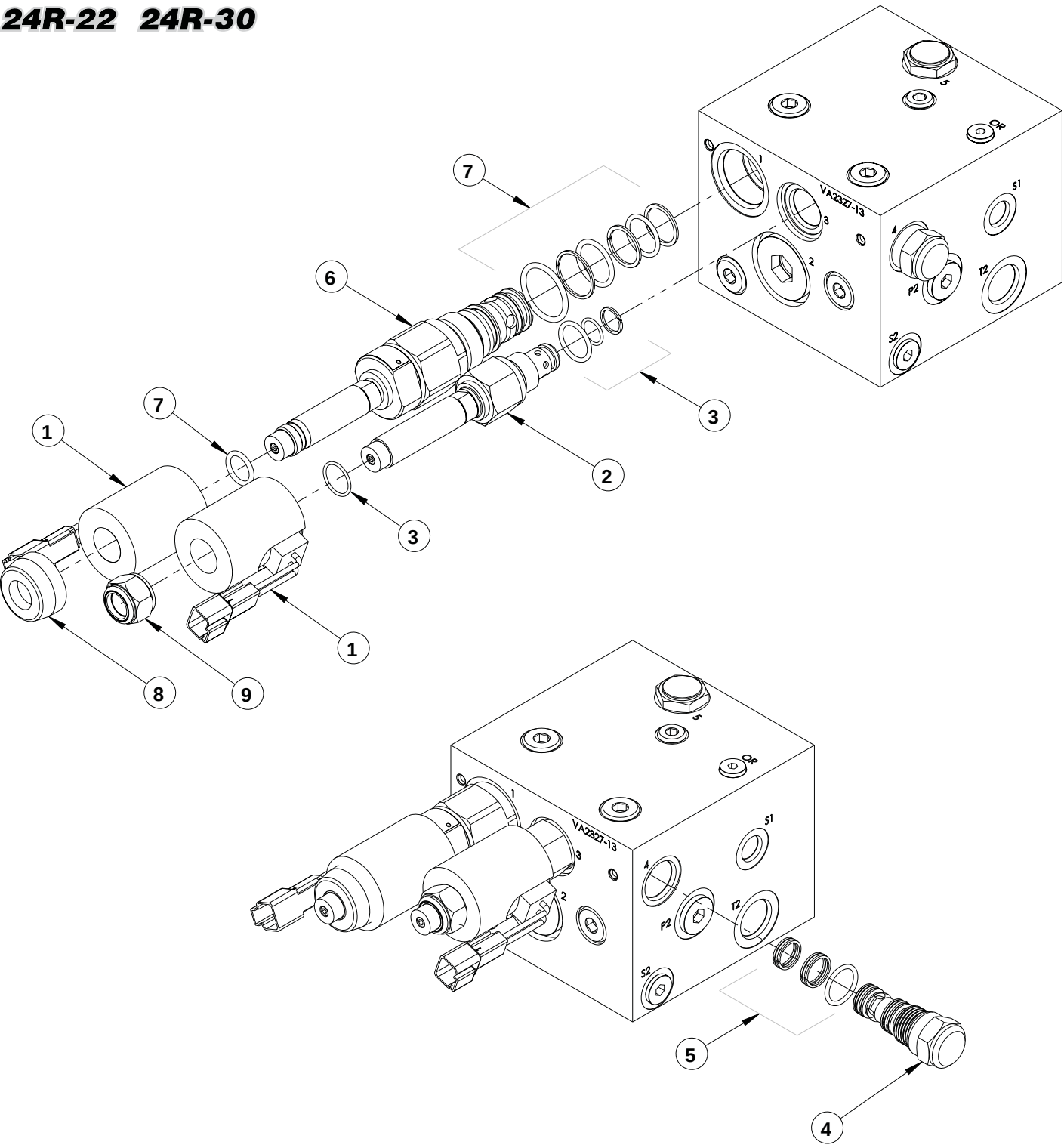
TA00873 Assy, Fan & Meter Control Valve (RH Wing 24R30)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0051937	Valve - Fan & Meter Control	1	
2	ADAPTER 06MJ-06MB	ADAPTER 06MJ-06MB	2	18
3	ADAPTER 08MJ-08MB	ADAPTER 08MJ-08MB	3	28
4	ADAPTER 10MJ-10MB-10MJ TEE	ADAPTER 10MJ-10MB-10MJ TEE	1	38
5	10MB HOLLOW HEX PLUG	10MB HOLLOW HEX PLUG	1	38
6	ADAPTER 10MJ-10FJX 90	ADAPTER 10MJ-10FJX 90	1	60

Note:

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

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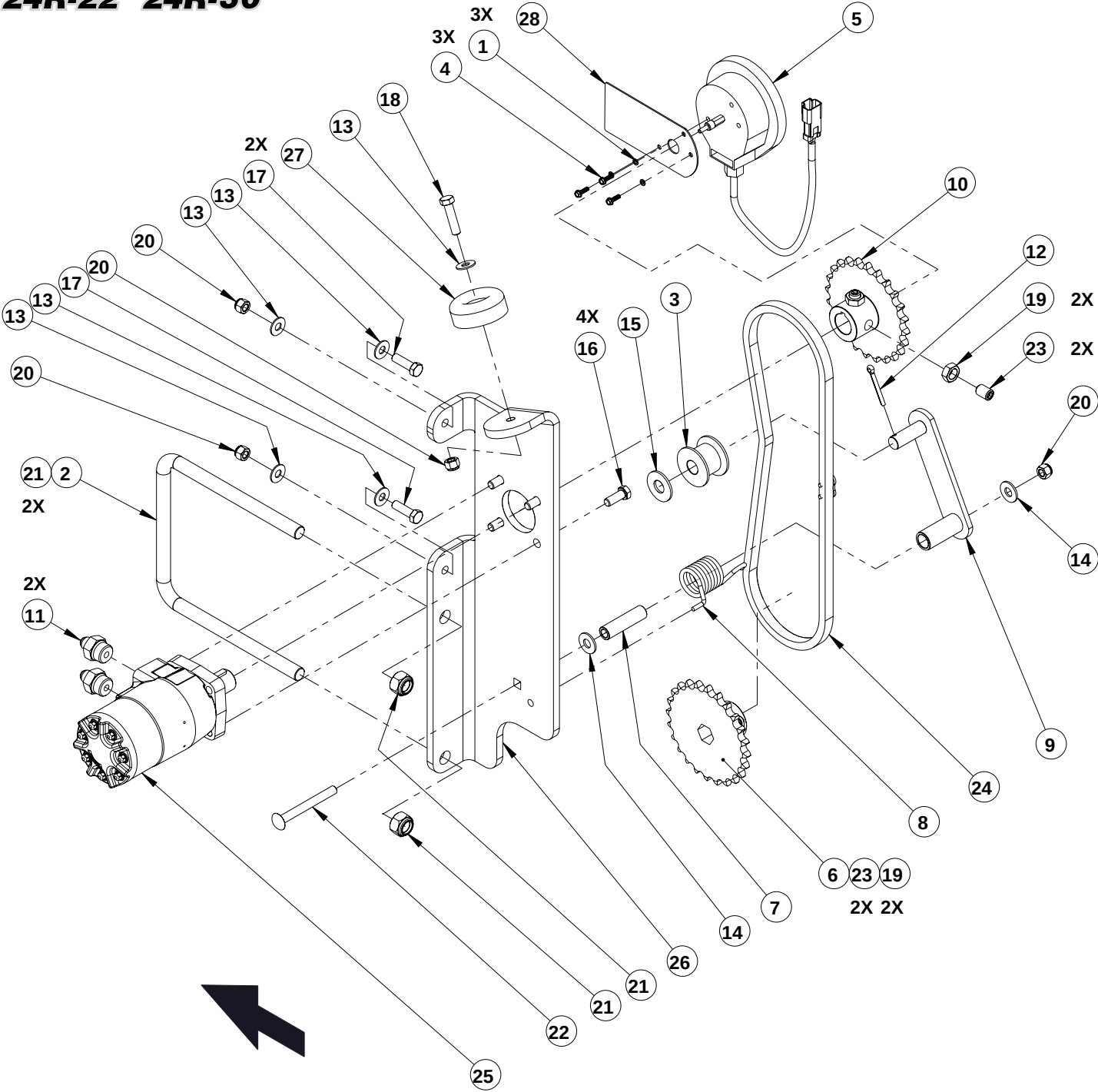
T0051937 Valve Assy, Fan & Meter Control

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	243254A1	Coil	2	
2	254969A2	Valve, Hydraulic Flow Control	1	
3	304494A1	Seal Kit	1	
4	278200A1	Cartridge, Compensator	1	
5	S301087	Seal Kit	1	
6	84537688	Valve, Flow Control	1	
7	304499A1	Seal Kit	1	
8	188106A1	Nut, Retaining Coil Stem	1	
9	440028A1	Nut, Coil Retaining	1	

Notes:

1. Item 8 (Part No. 188106A1) is included in Item 6 (Part No. 84537688).
2. Item 9 (Part No. 440028A1) is included in Item 2 (Part No. 254969A2).

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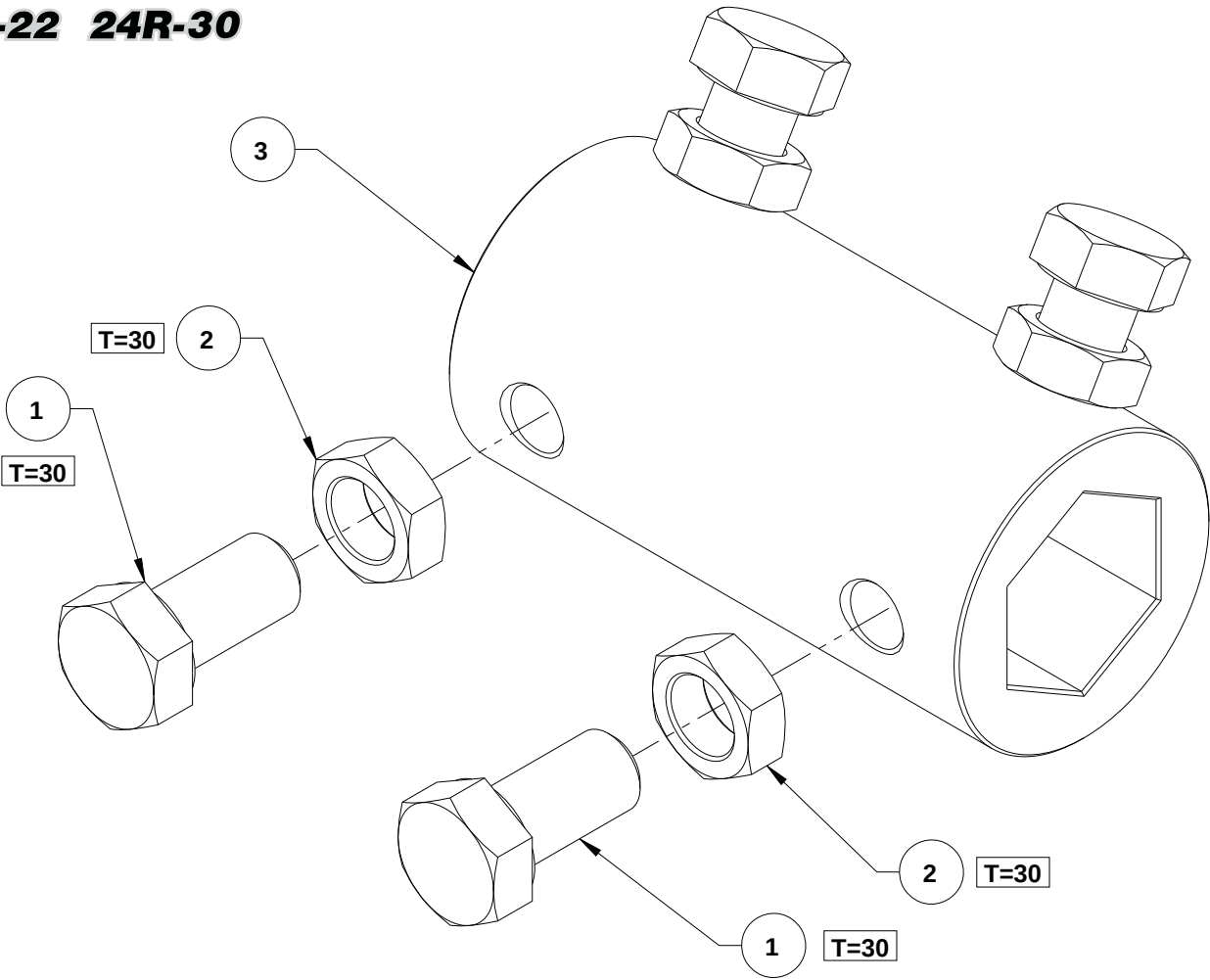


TA00619 Seed Drive Assy - Wing				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	492-11008	Lock Washer, #8	3	
2	1250813C1	U Bolt	1	
3	1277726C1	Tensioner Roller	1	
4	86632692	Screw, Self Tap, Cross Pan Hd, #8x1/2"	3	
5	87495545	Sensor, Seed Drive Speed	1	
6	87503169	24 Tooth .875 Hex Bore Sprkt	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	ADAPTER 06MJ-10MB	ADAPTER 06MJ-10MB	2	
12	CotterPin-.1875X1.500	CotterPin-.1875X1.500	1	
13	FW-USS-0.313-YZ	Washer, Flat USS 5/16-YZ	5	
14	FW-USS-0.375-YZ	Washer, Flat USS 3/8"-YZ	2	
15	FW-USS-0.563-YZ	Washer, Flat USS 9/16"-YZ	1	
16	HBolt-0.3750-16x1.000-YZ8	Bolt, Hex Hd 3/8-16x1-YZ8	4	
17	HBolt-0.3750-16x1.250-YZ8	Bolt, Hex Head, 3/8-16x1.25-YZ8	2	
18	HBolt-0.3750-16x1.500-YZ8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	1	
19	JNut-0.5000-13-YZ8	Nut, Jam 1/2-13-YZ8	4	
20	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	4	
21	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	2	
22	RHSNBolt-0.3750-16x3.500-YZ5	Bolt, RHSN 3/8-16x3-1/2-YZ5	1	
23	SScrew-0.5000-13x0.750-Cup	Screw, Set-1/2-13x3/4-Cup	4	
24	T0051312	Meter Drive Chain #50 66P	1	
25	T0051314	Motor, Hyd Seed Drive 11.9 CID	1	
26	T0051480	Seed Drive Brkt	1	
27	T0051481	Rubber Stop	1	
28	T0051656	Seed Drive Anti Rotation Brkt	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.

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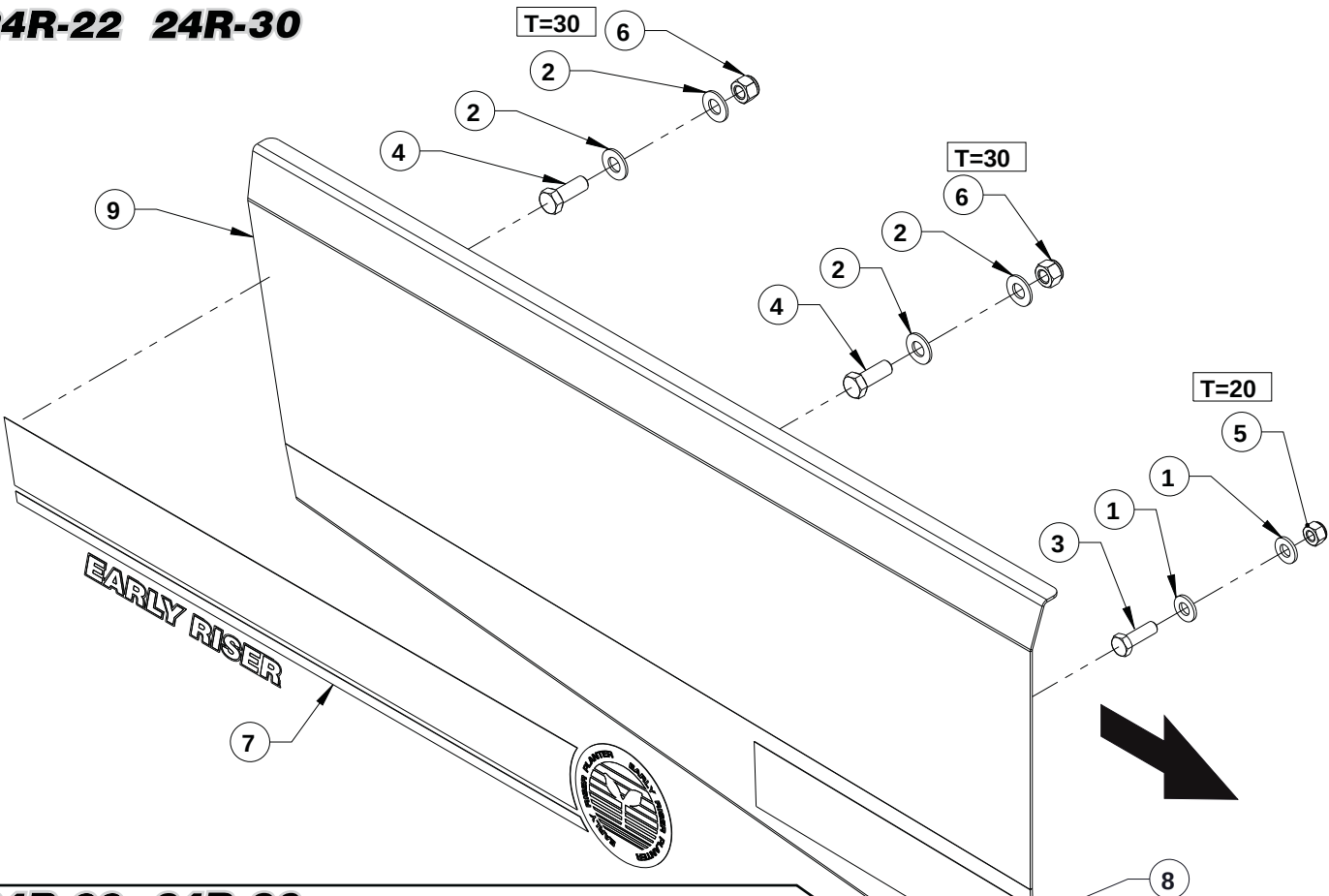
TA00654 Assy, Coupler

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

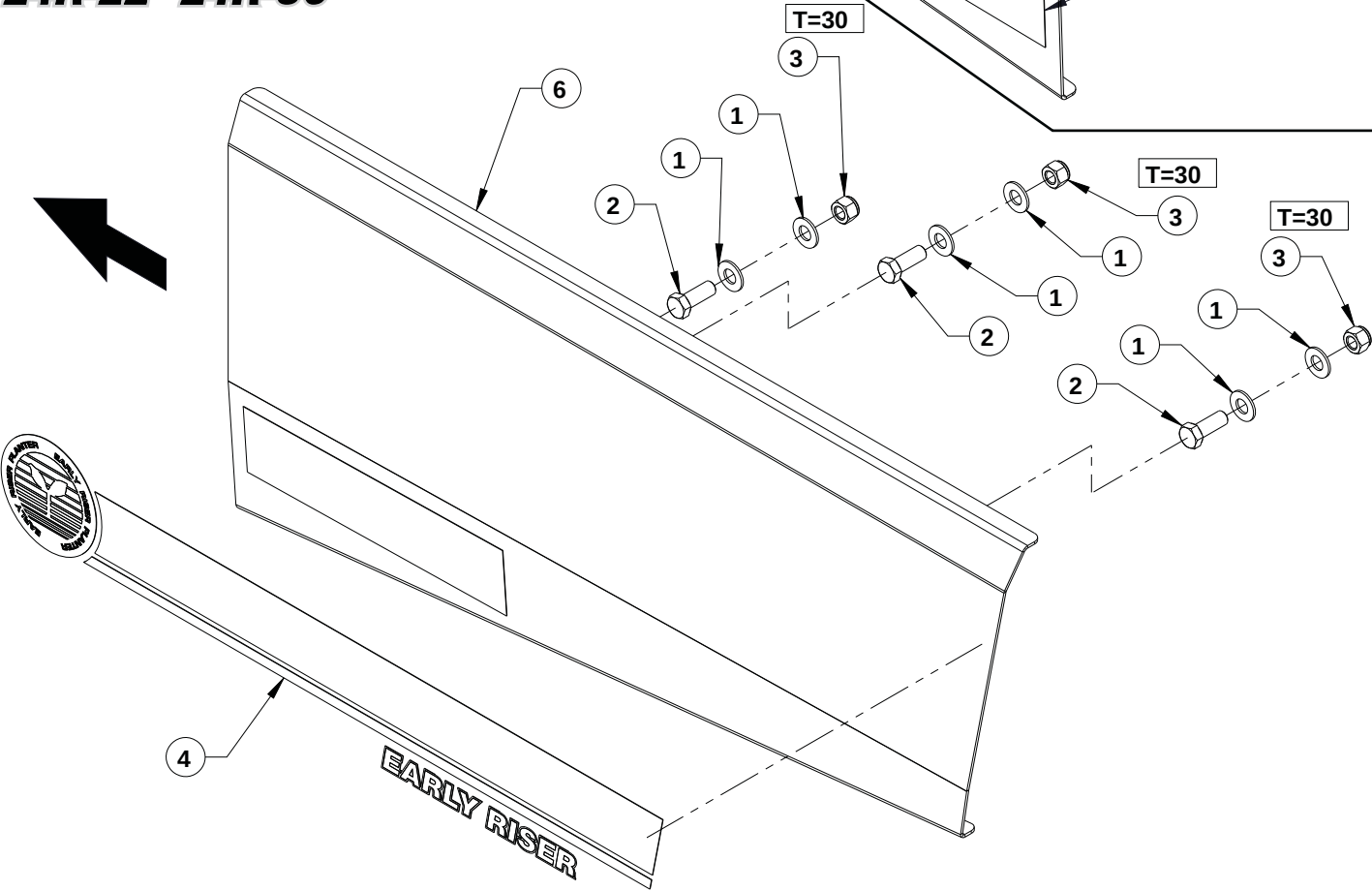
Note:

T = Torque Expressed in ft-lbs.

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TA00676 Assy, Row Unit End Plate-RH

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.313-YZ	FW SAE 0.313-YZ	2	
2	FW-SAE-0.375-YZ	FW-SAE-0.375-YZ	4	
3	HBolt-0.3125-18x1.000-YZ8	HBolt-0.3125-18x1.000-YZ8	1	
4	HBolt-0.3750-16x1.000-YZ8	HBolt-0.3750-16x1.000-YZ8	2	
5	NLNut-0.3125-18-YZ8	NLNut-0.3125-18-YZ8	1	20
6	NLNut-0.3750-16-YZ8	NLNut-0.3750-16-YZ8	3	30
7	T0051542	Decal, Early Riser Planter-RH	1	
8	T0051729	Decal, Reflector, Yellow-2x9	1	
9	TW000672	Wldmt, End Shield Row Unit-RH	1	

Note:

T = Torque Expressed in ft-lbs

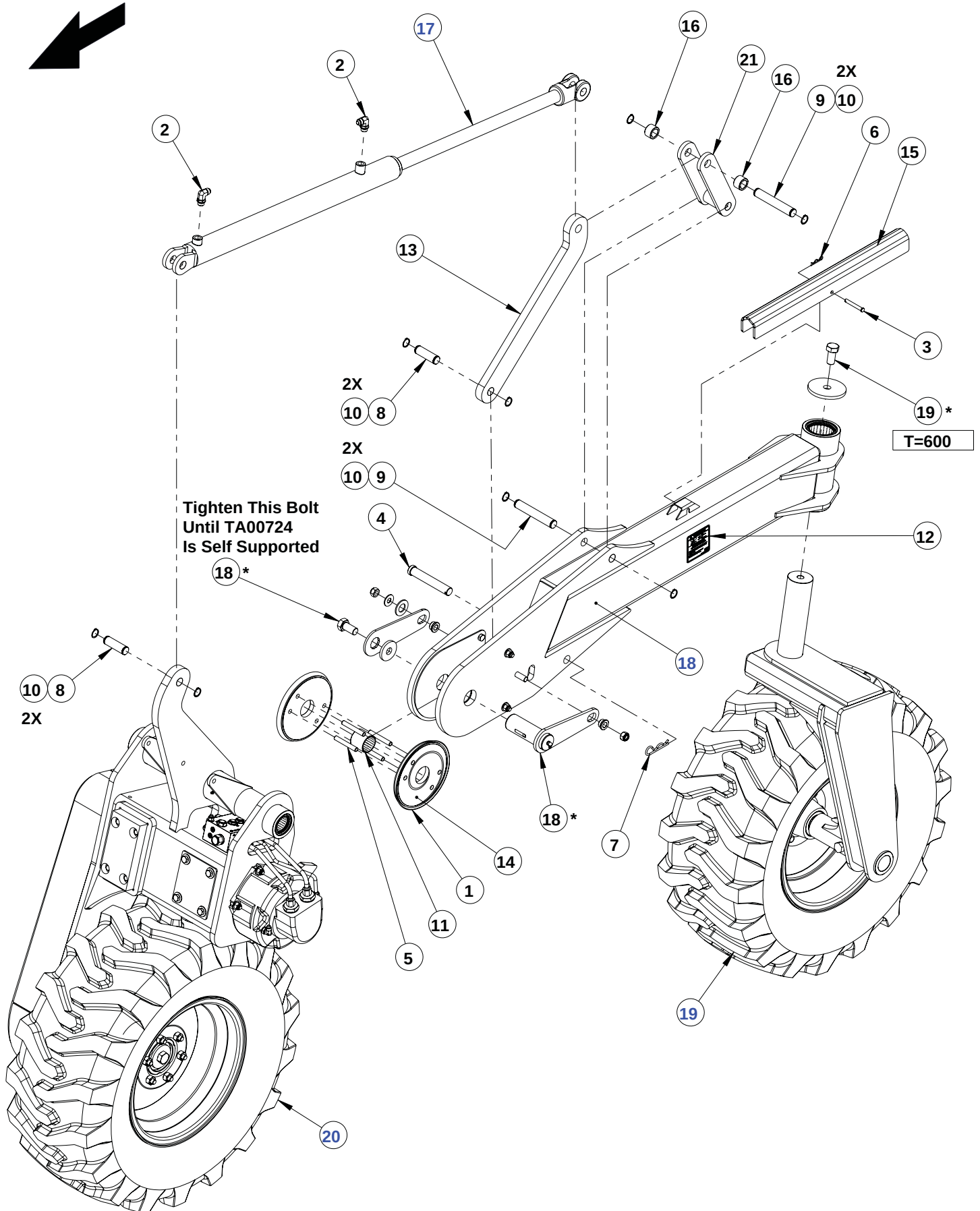
TA00669 Assy, Row Unit End Plate-LH

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.375-YZ	FW-SAE-0.375-YZ	6	
2	HBolt-0.3750-16x1.000-YZ8	HBolt-0.3750-16x1.000-YZ8	3	
3	NLNut-0.3750-16-YZ8	NLNut-0.3750-16-YZ8	3	30
4	T0051489	Decal, Early Riser Planter-LH	1	
5	T0051729	Decal, Reflector, Yellow-2x9	1	
6	TW000669	Wldmt, End Shield Row Unit-LH	1	

Note:

T = Torque Expressed in ft-lbs

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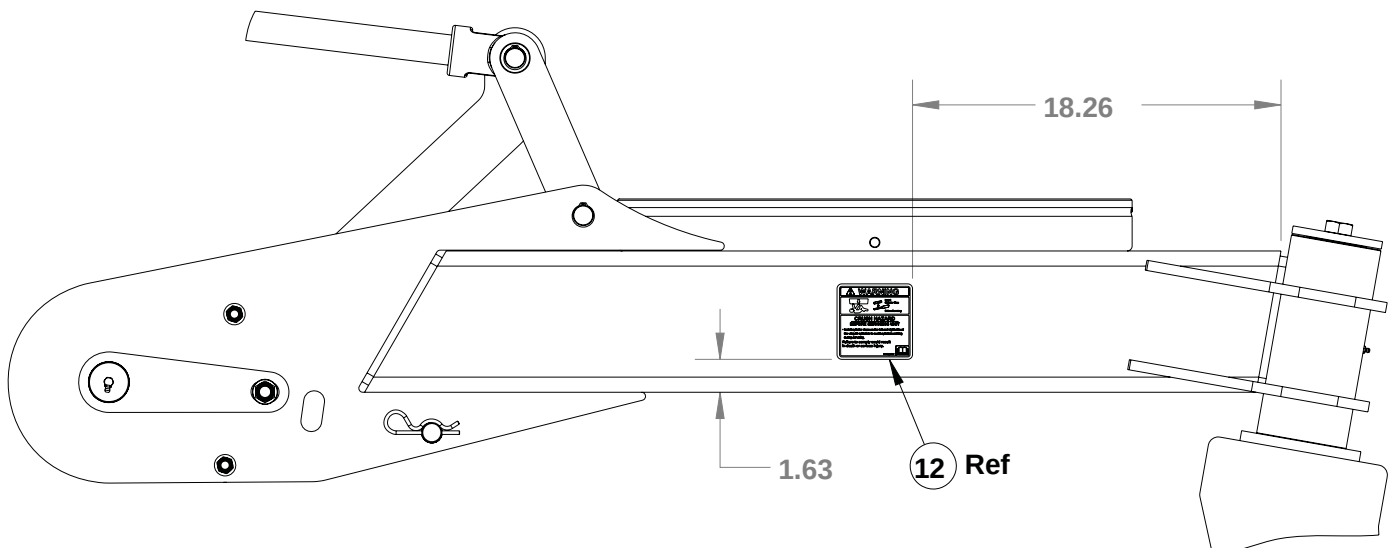
TA00725 Wing Wheel Assy

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	433478A1	Seal, Rubber	2	
2	ADAPTER 08MJ-08MB 90	ADAPTER 08MJ-08MB 90	2	
3	CPin-0.3750x2.750-YZ	Clevis Pin, Ø3/8" X 2-3/4" YZ	1	
4	CPin-1.0000x6.000-YZ	Clevis Pin, Ø1" X 6" YZ	1	
5	DPin 0.5000 x 3.500	Dowell Pin, Ø1/2"x3-1/2	4	
6	Hpinclip-0.3125 YZ	Hair Pin Clip-Ø5/16" YZ	1	
7	Hpinclip-1.0000 YZ	Hair Pin Clip-Ø1.0000" YZ	1	
8	Pin-1.0000x2.875-YZ	Pin-1.0000x2.875-YZ	2	
9	Pin-1.0000x5.750-YZ	Pin-1.0000x5.750-YZ	2	
10	SRing-Ext-1.000	Ring, Retaining Ext Shaft-1.0"	8	
11	T0050953	Stl Backed Brz Bearing 2.0 ID	1	
12	T0051737	Decal,Warn CrshHaz Serv WngWhl	1	
13	T0051867	Dog Bone	1	
14	T0051869	Plate, Grease Friction	2	
15	T0052363	Channel - Wing Cylinder Stop	1	
16	T0052657	Spacer	2	
17	TA00723	Cylinder-Hyd 2.50X26.46 Reph	1	
18	TA00724	Rear Caster Arm Assy	1	
19	TA00760	Rear Caster Wheel Assembly	1	
20	TA00916	Assy, Wing Wheel Drive	1	
21	TW000786	Wldmt, Link	1	

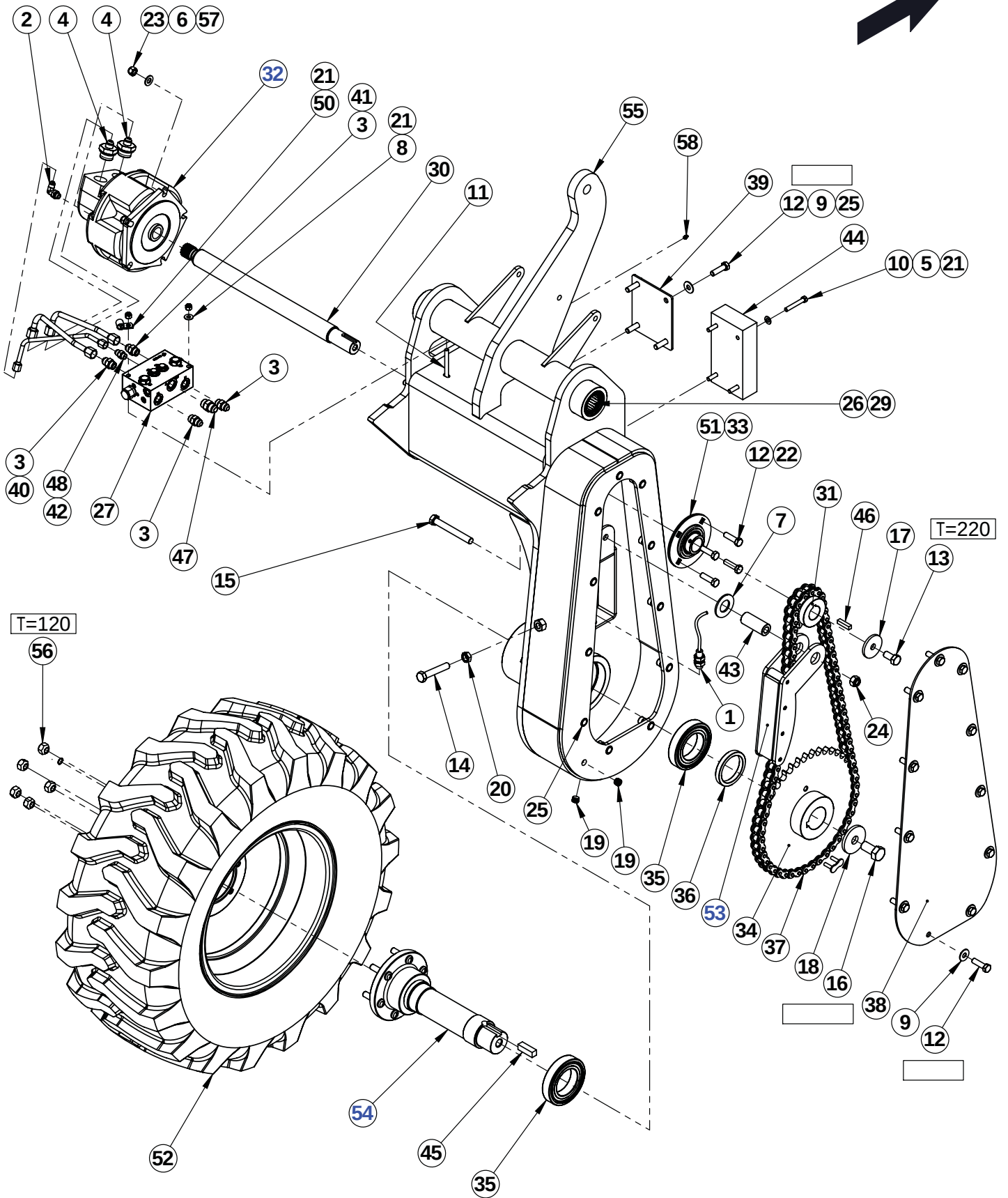
Note:

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

T = Torque Expressed in ft-lbs



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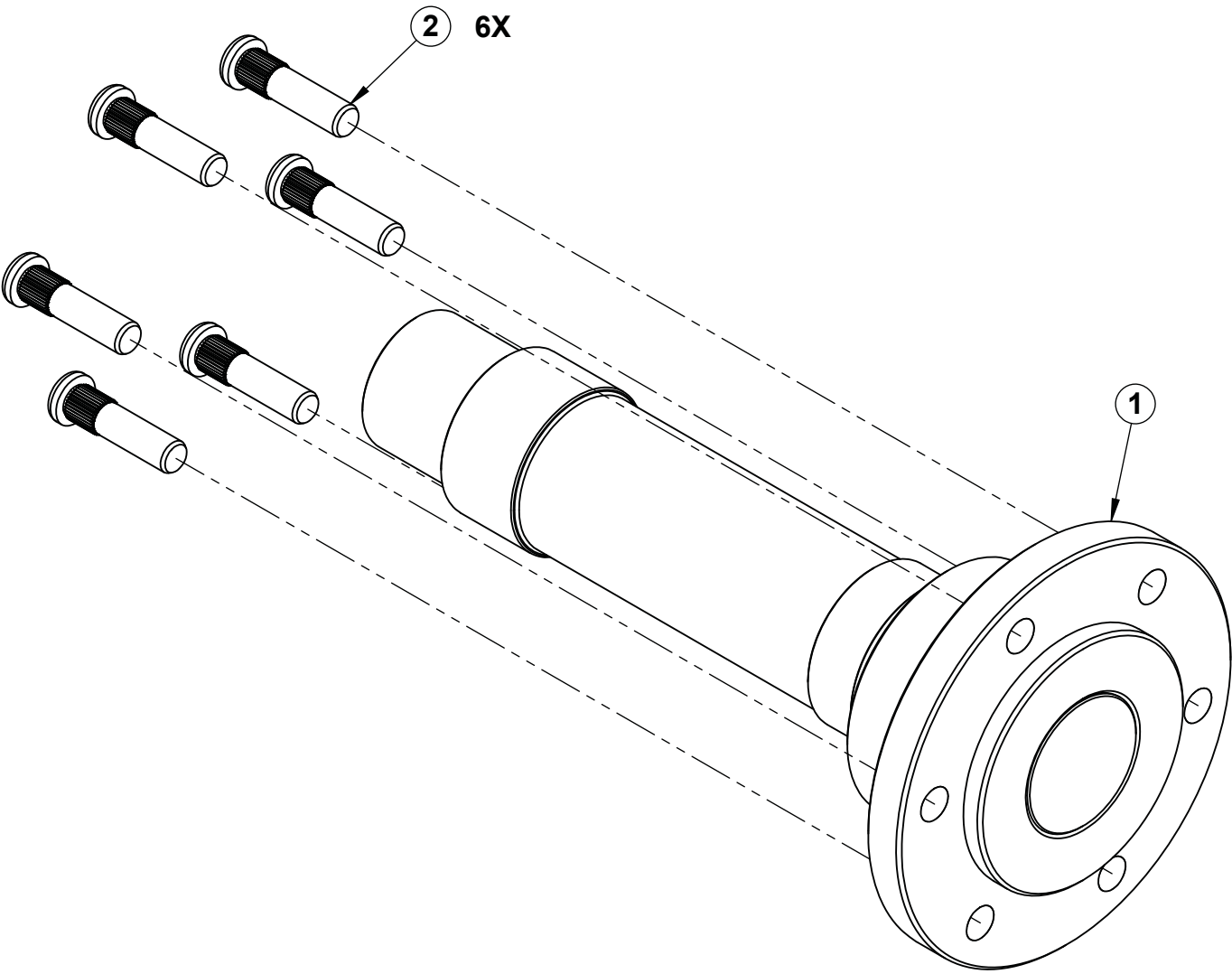


TA00916 Assy, Wing Wheel Drive

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	324049A1	Sensor, Hall Effect Zero Speed	1	
2	ADAPTER 06MJ-06BSPP 90	ADAPTER 06MJ-06BSPP 90	2	
3	ADAPTER 08MJ-08MB	ADAPTER 08MJ-08MB	4	
4	ADAPTER 08MJ-16BSPP	ADAPTER 08MJ-16BSPP	2	
5	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	4	
6	FW-SAE-0.500-YZ	Washer, Flat SAE - 1/2-YZ	5	
7	FW-SAE-1.250-YZ	Washer, Flat-SAE-1-1/4-YZ	1	
8	FW-USS-0.313-YZ	Washer, Flat USS 5/16-YZ	3	
9	FW-USS-0.438-YZ	Washer, Flat-USS 7/16-YZ	15	
10	HBolt-0.3750-16x2.500-YZ8	Bolt, Hex Head-3/8-16x2.5-YZ8	4	
11	HBolt-0.3750-16x3.750-YZ8	Bolt, Hex Head-3/8-16x3.75-YZ8	2	
12	HBolt-0.5000-13x1.750-YZ8	Bolt, Hex Head-1/2-13x1-3/4-YZ8	19	80
13	HBolt-0.6250-11x1.250-YZ8	Bolt, Hex Head-5/8-11x1.25-YZ8	1	600
14	HBolt-0.6250-11x3.500-FT-YZ8	HBolt-0.6250-11x3.500-FT-YZ8	1	
15	HBolt-0.6250-11x5.000-YZ8	Bolt, Hex Head-5/8-11x5.0-YZ8	1	
16	HBolt-0.8750-9x1.750-YZ8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	1	600
17	HD Washer 0.64 x 2.50	HD Washer 0.64 x 2.50	1	
18	HD Washer 0.89 x 3.00	HD Washer 0.89 x 3.00	1	
19	HScktPlug 0.3750-18 NPTF CZ	Plug, Hex Socket 3/8-18 NPTF CZ	2	
20	JNut-0.6250-11-YZ8	Nut, Jam-5/8-11-YZ8	1	
21	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	6	
22	NLNut-0.5000-13-YZ8	Nut, Nylock-1/2"-13-YZ8	4	
23	NLNut-0.5000-20-YZ8	NLNut-0.5000-20-YZ8	5	
24	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	1	
25	RivNut-0.5000-13-.350-.500	Rivnut, 1/2-13 UNC .350-.500 GR	15	
26	T0050953	Stl Backed Brz Bearing 2.0 ID	2	
27	T0051136	Valve Assy, Wing Wheel Drive	1	
28	T0051219	KEY-.625 X 2.625 ZP	1	
29	T0051585	2.00 Grease Seal	2	
30	T0052024	Shaft-Wing Wheel Drive	1	
31	T0052025	12 Tooth 80 Chain Sprocket	1	
32	T0052028	GM1 Hydraulic Wheel Motor	1	
33	T0052036	1.5" Insert Ball Bearing	1	
34	T0052041	42 Tooth 80 Chain Sprocket	1	
35	T0052055	75 mm Axle Bearing	2	
36	T0052056	Spacer	1	
37	T0052061	Wing Drive Chain #80 78P	1	
38	T0052065	Cover, Chaincase	1	
39	T0052066	Cover, Plate	1	
40	T0052072	Tube Assy - Wing Wheel	1	
41	T0052073	Tube Assy - Wing Wheel	1	
42	T0052077	Tube Assy - Wing Motor Flush	1	
43	T0052084	Bushing, Tensioner Pivot	1	
44	T0052157	Slider Block	1	
45	T0052301	KEY-.625 X 2.000 ZP	1	
46	T0052305	KEY-.375 X 1.625 ZP	1	
47	T0052370	ADAPTER 10MJ-10MB W/ORF CHK	1	
48	T0052371	ADAPTER 06MJ-06MB W/ORF	1	
49	T0052375	Plate, Wire Guide	1	
50	T0052457	Clamp, Cush Tube 5/8x3/4	1	
51	T0052520	80 mm Stamped Bearing Flange	2	
52	TA00761	Wheel Assy	1	
53	TA00768	Tensioner, Wheel Drive	1	
54	TA00919	Hub Assy	1	
55	TW000729	Front Wing Wheel Weldment	1	
56	WHNUT 0.5625-18-Z5	9/16" Wheel Nut	6	120
57	WhStud 0.5000-20x2.344-YZ	Stud, Wheel 1/2-20 Knurled	5	
58	Zerk-0.2500-28	Zerk, 1/4-28	1	

Note:

T= Torque Expressed in ft-lbs.

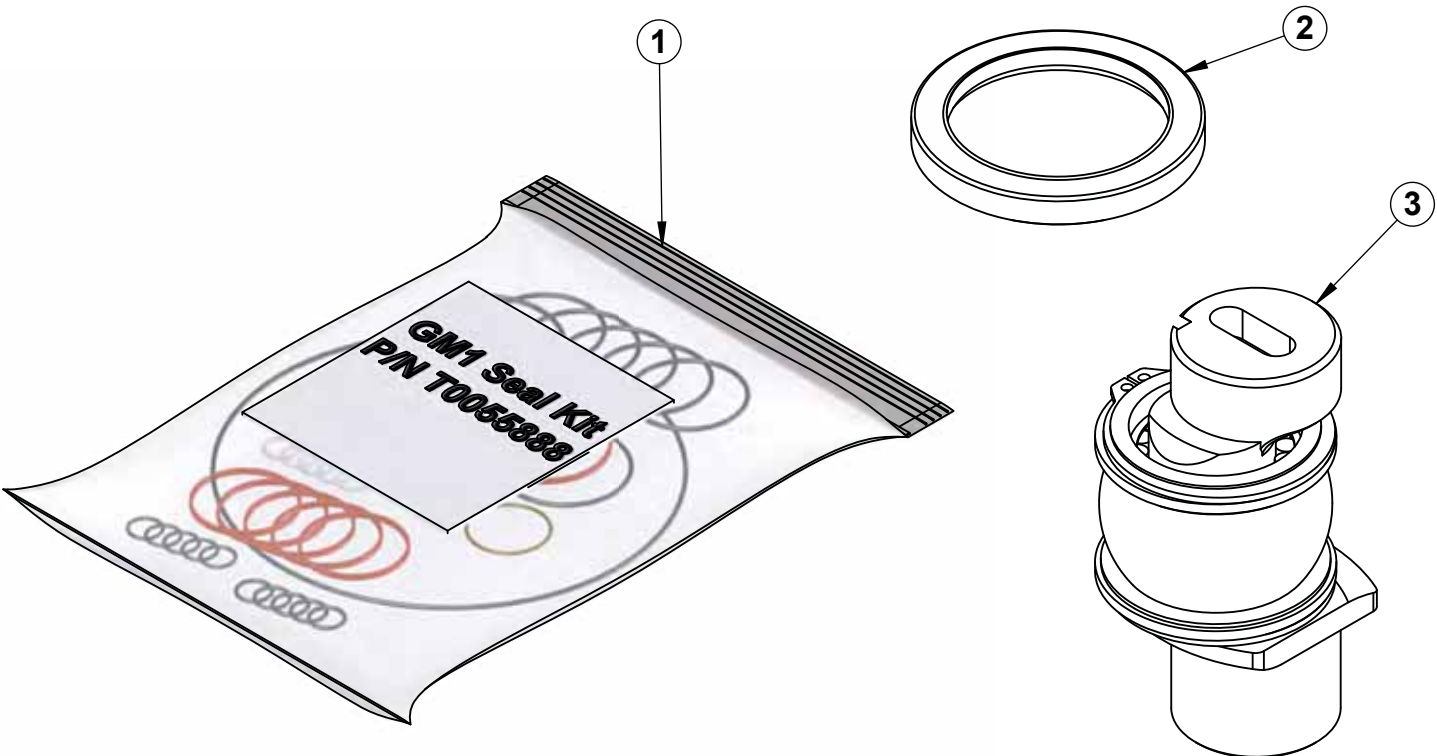
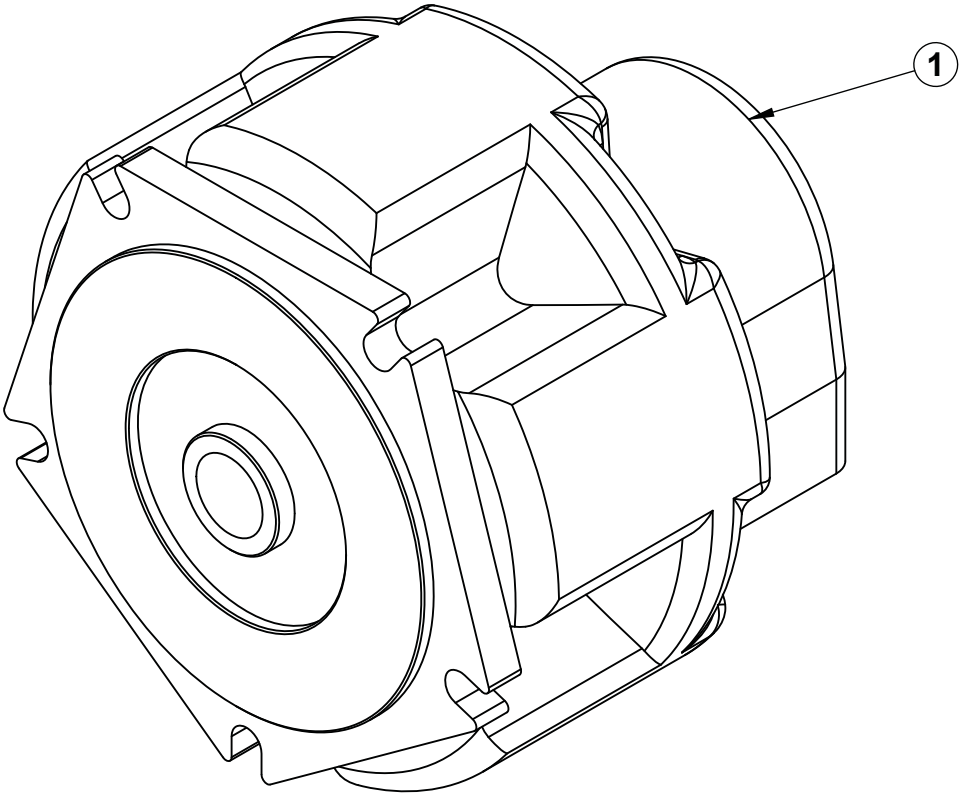


TA00919 Hub Assy

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW000843	Hub	1	
2	WS-0.563-18X2.25C5	9/16" Wheel Stud Bolt	6	

Note:

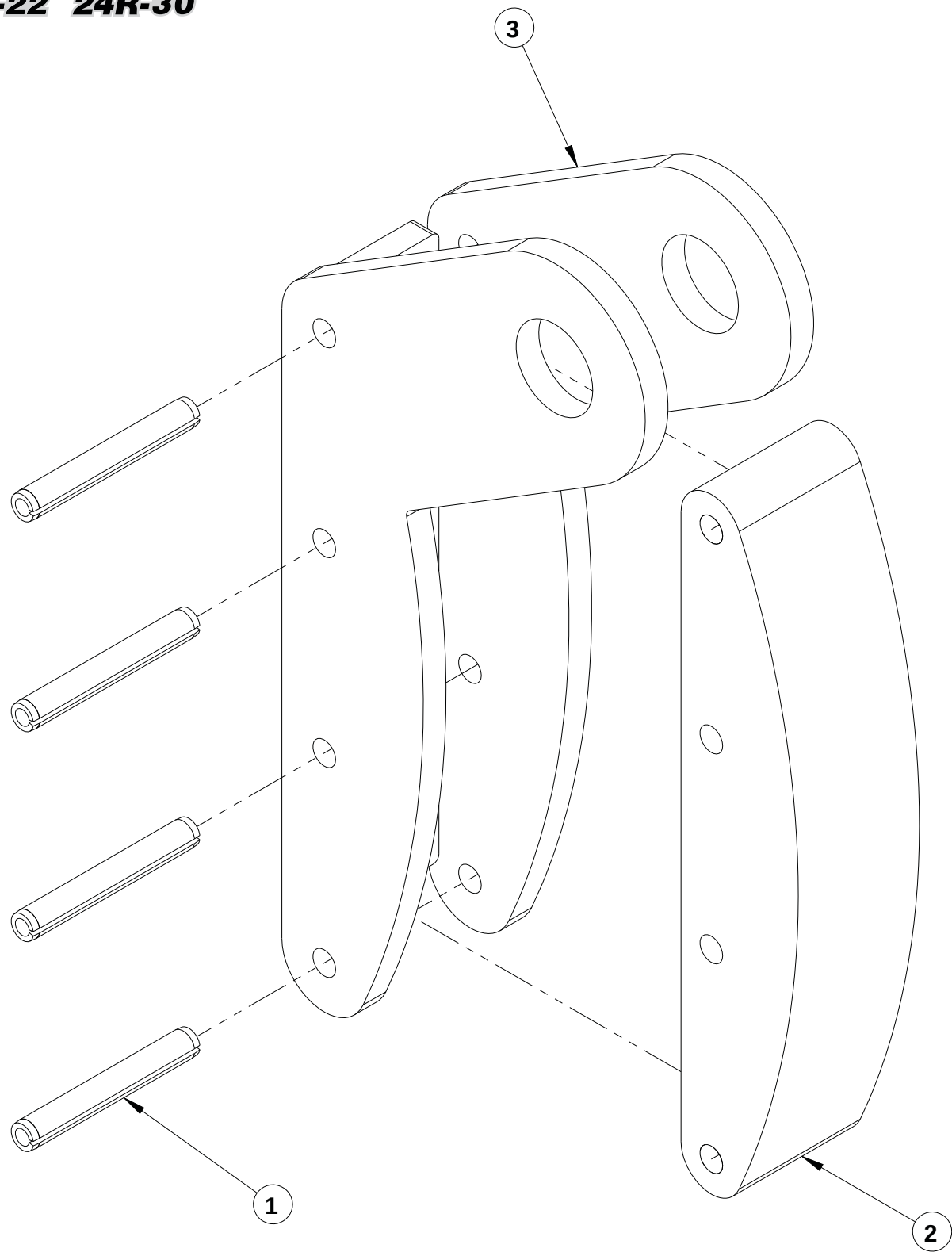
1. T=XXX = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



T0052028 GM1 Hydraulic Wheel Motor				
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0052028	GM1 Hydraulic Wheel Motor	1	

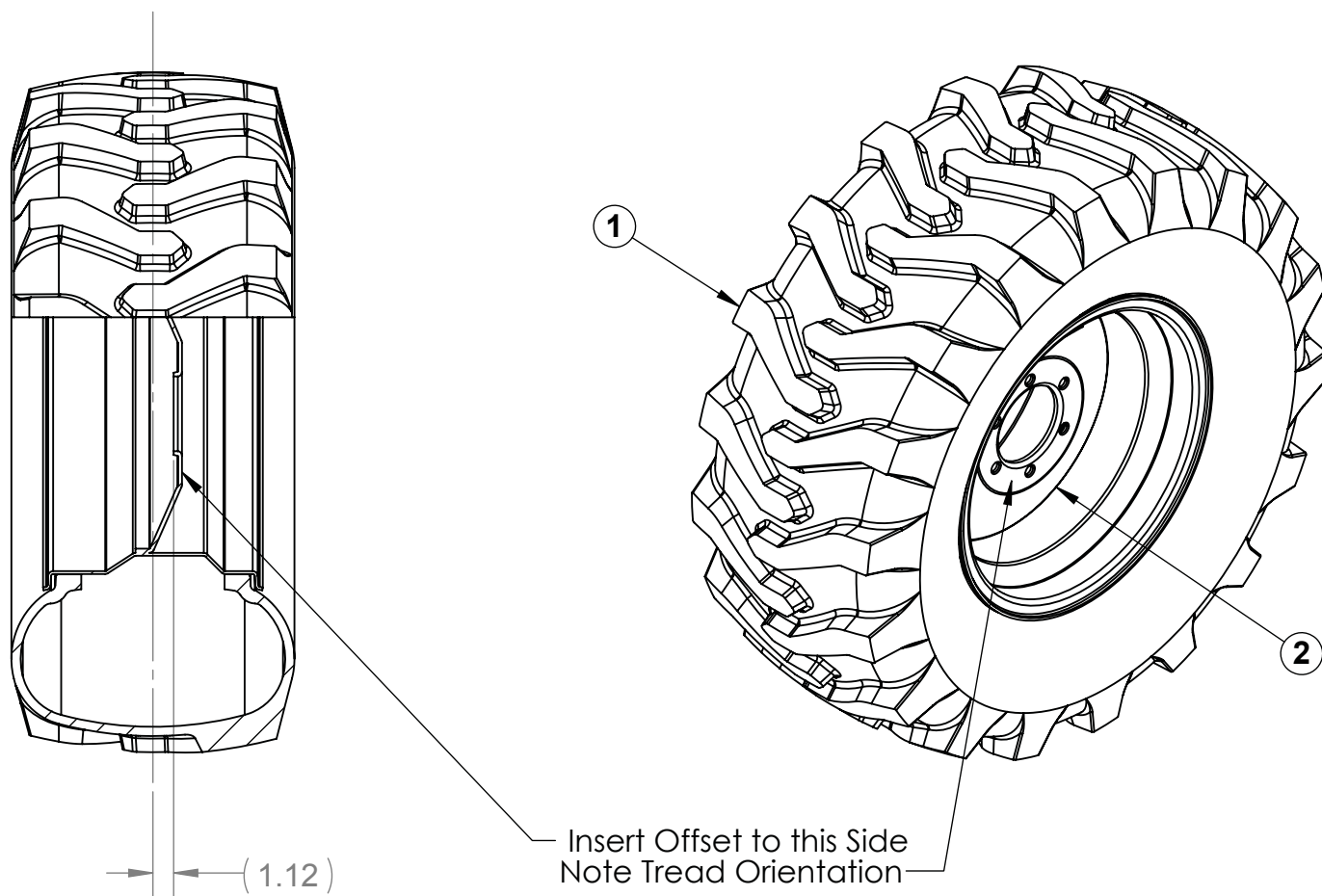
T0052028 GM1 Hydraulic Wheel Motor				
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0055888	Seal Kit, Full GM1	1	
2	T0053205	Shaft Seal, GM1 Motor	1	
3	T0055889	Shaft, Eccentric Ouput	1	

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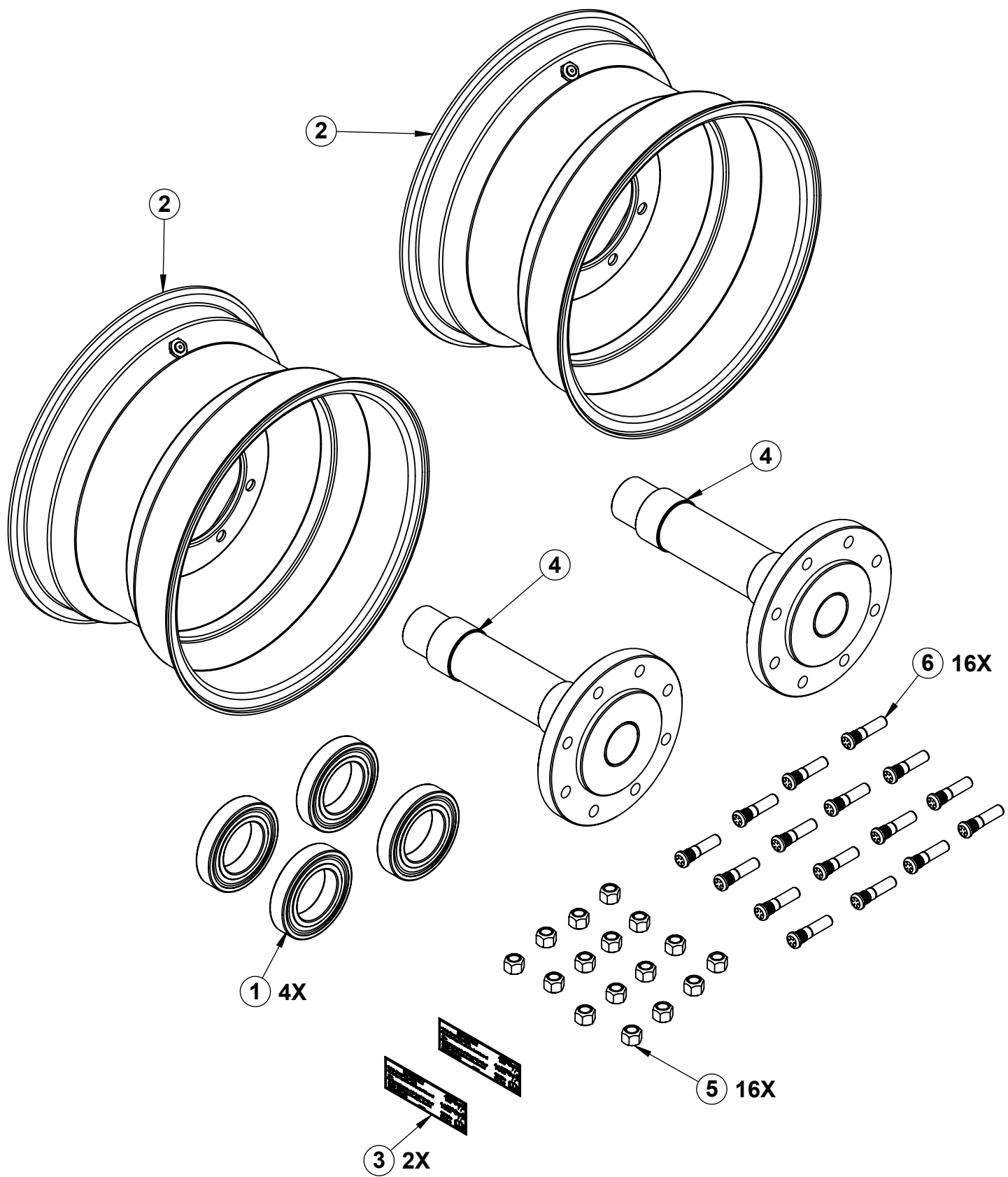
TA00768 Tensioner, Wheel Drive

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	RPin-.3750x2.750	Pin, Spring 3/8x2-3/4	4	
2	T0052064	Slide, Chain Tensioner	1	
3	TW000735	Tensioner Weldment	1	



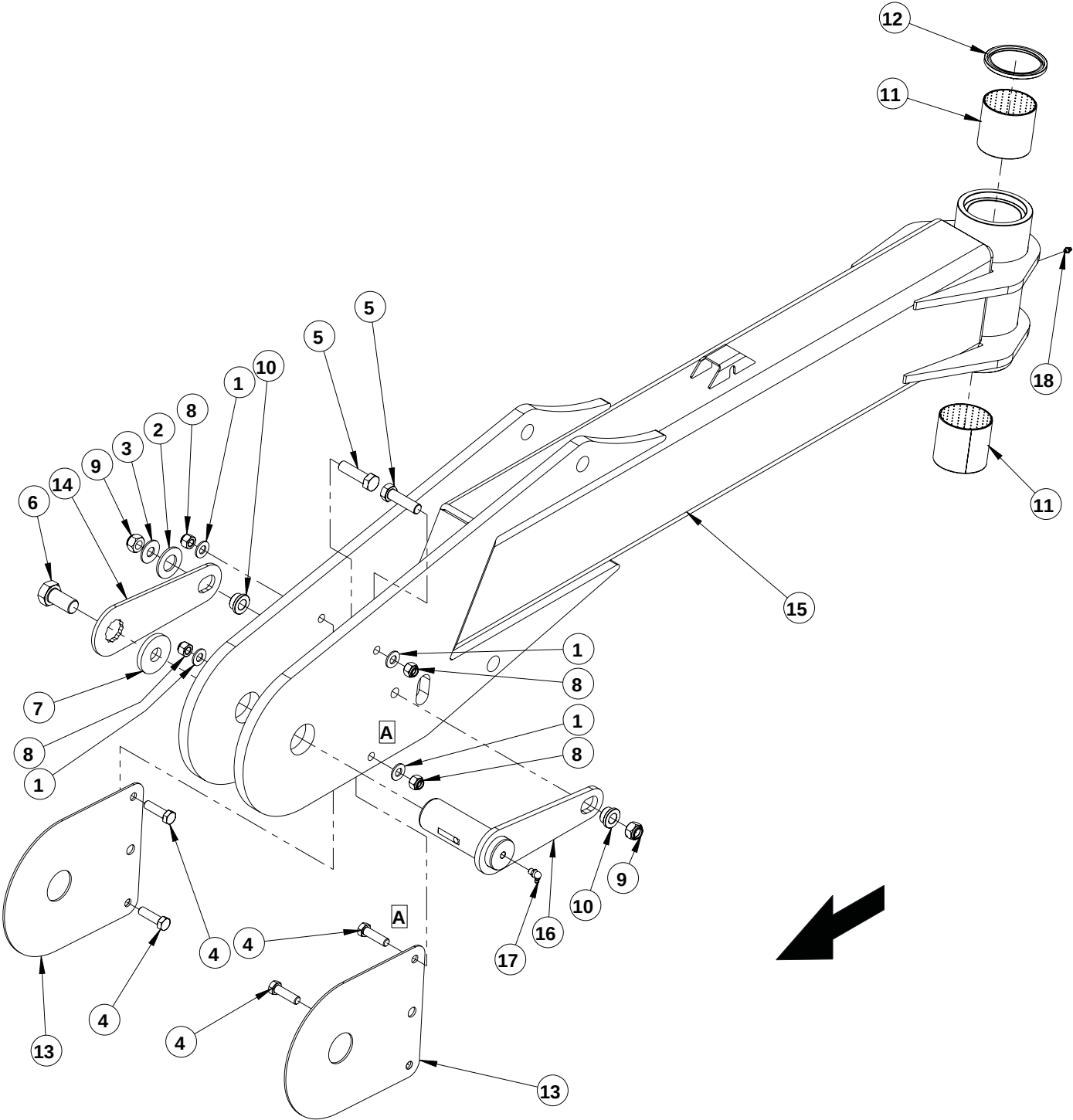
TA00761 Wheel Assy

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0051990	Tire 14-17.5 6 Trac Loader TL	1	
2	T0051991	WHEEL 17.5X10.5 6 HOLES 1.12 INSET	1	



TA01750 Assy, 8-Bolt Axle Upgrade Kit			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	T0052055	75 mm Axle Bearing	4
2	T0054384	Wheel 17.5X10.5 8-Bolt 1.12 Inset	2
3	T0054597	Decal, 30 psi & 175 Lug Torque	2
4	TW001364	Axle, Wing Wheel 8-Bolt Upgrade	2
5	WHNUT-0.625-18C5	Wheel Nut, 5/8-18 CZ5	16
6	WS-0.625-18X2.50C8	Wheel Stud, 5/8-18x2-1/2 CZ	16

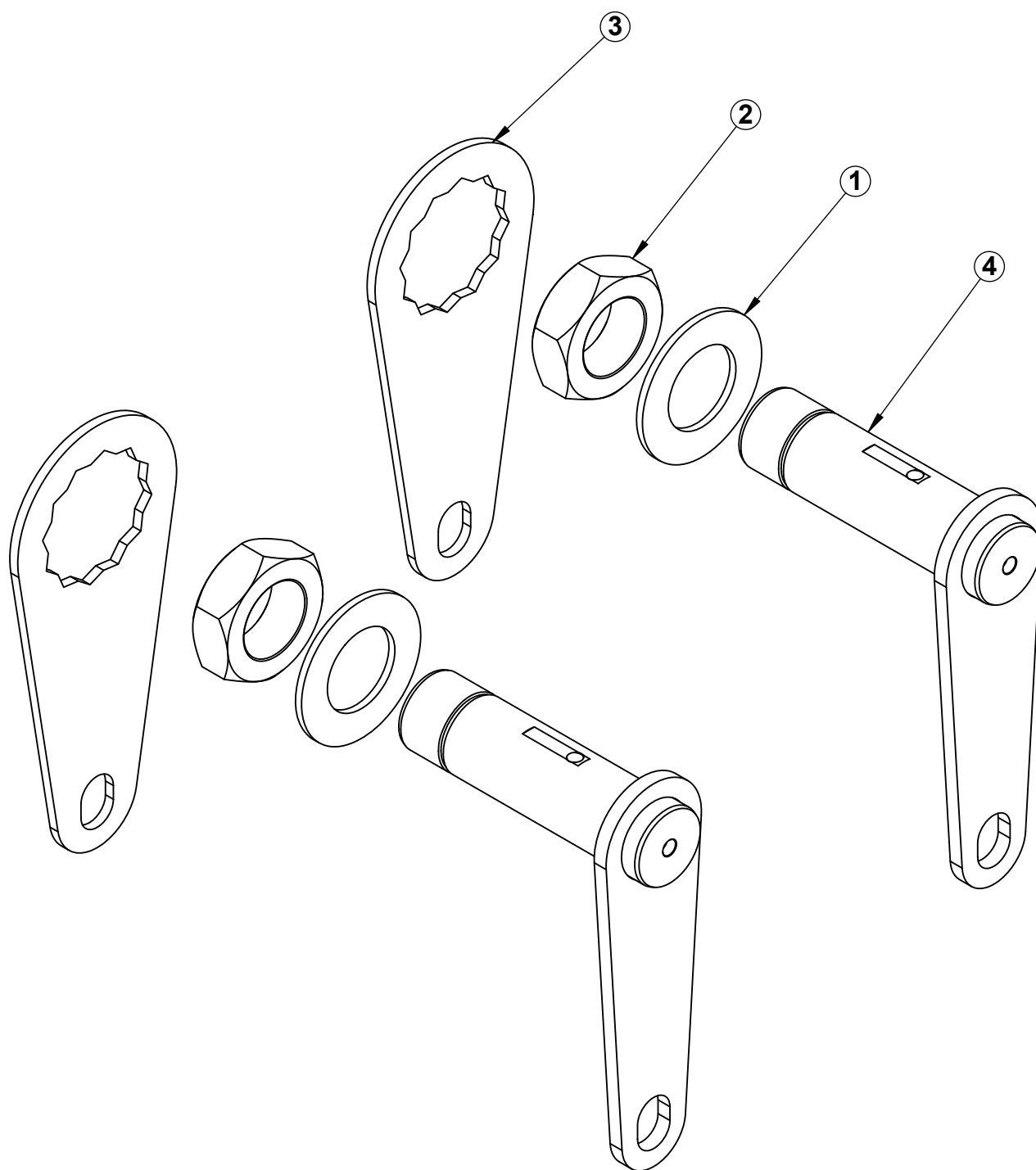
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TA00724 Rear Caster Arm Assy				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.500-YZ	Washer, Flat SAE - 1/2-YZ	4	
2	FW-SAE-1.000-YZ	Washer, Flat SAE-1.0-YZ	1	
3	FW-USS-0.563-YZ	Washer, Flat USS 9/16"-YZ	1	
4	HBolt-0.5000-13x1.750-YZ8	Bolt, Hex Head-1/2-13x1-3/4-YZ8	4	
5	HBolt-0.6250-11x2.250-YZ8	Bolt, Hex Head-5/8-11x2.25-YZ8	2	
6	HBolt-0.8750-9x1.750-YZ8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	1	
7	HD Washer 0.89 x 2.50	HD Washer 0.89 x 2.50	1	
8	NLNut-0.5000-13-YZ8	Nut, Nylock-1/2"-13-YZ8	4	
9	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	2	
10	T0050854	Anti Rotation Insert	2	
11	T0050957	Steel Backed Bronze Bearing 3.0 ID	2	
12	T0051586	3.00 Grease Seal	1	
13	T0051868	Plate, Friction Wear	2	
14	T0052329	Plate, Locking 12Pt	1	
15	TW000715	Rear Wing Wheel Arm Weld	1	
16	TW000777	Pin Weldment	1	
17	Zerk-0.1250-27-NPTx90Deg	Zerk, 1/8x27-NPT-90	1	
18	Zerk-0.2500-28	Zerk, 1/4-28	1	

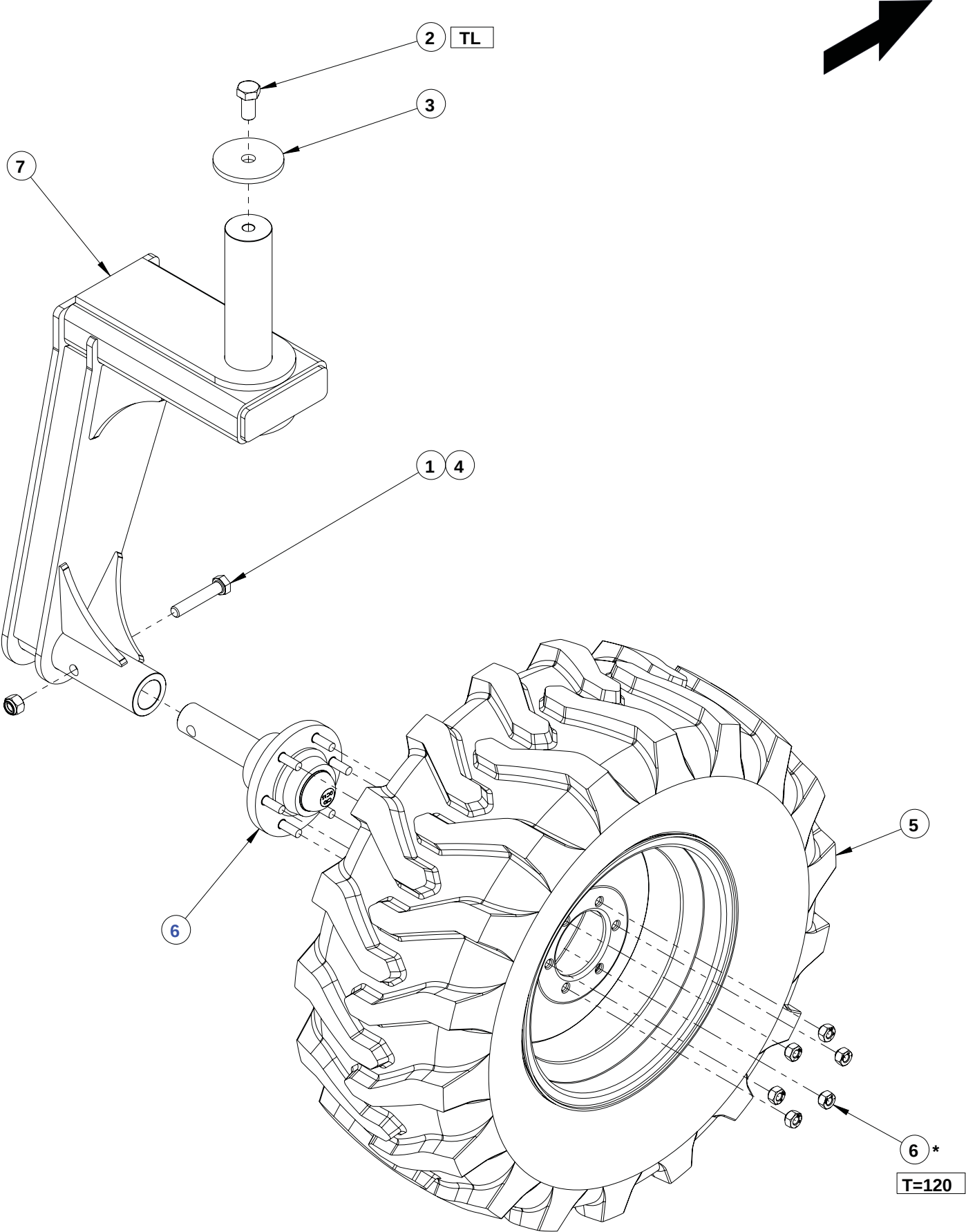
Note:

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



TA01888 Kit, Rear Arm Pin			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	FW-SAE-2.000Y	Washer, Flat SAE 2 YZ	2
2	JNUT-2.000-12Y5	Nut, Jam 2-12 YZ5	2
3	T0053832	Plate, Locking 12Pt	2
4	TW001005	Pin Weldment	2

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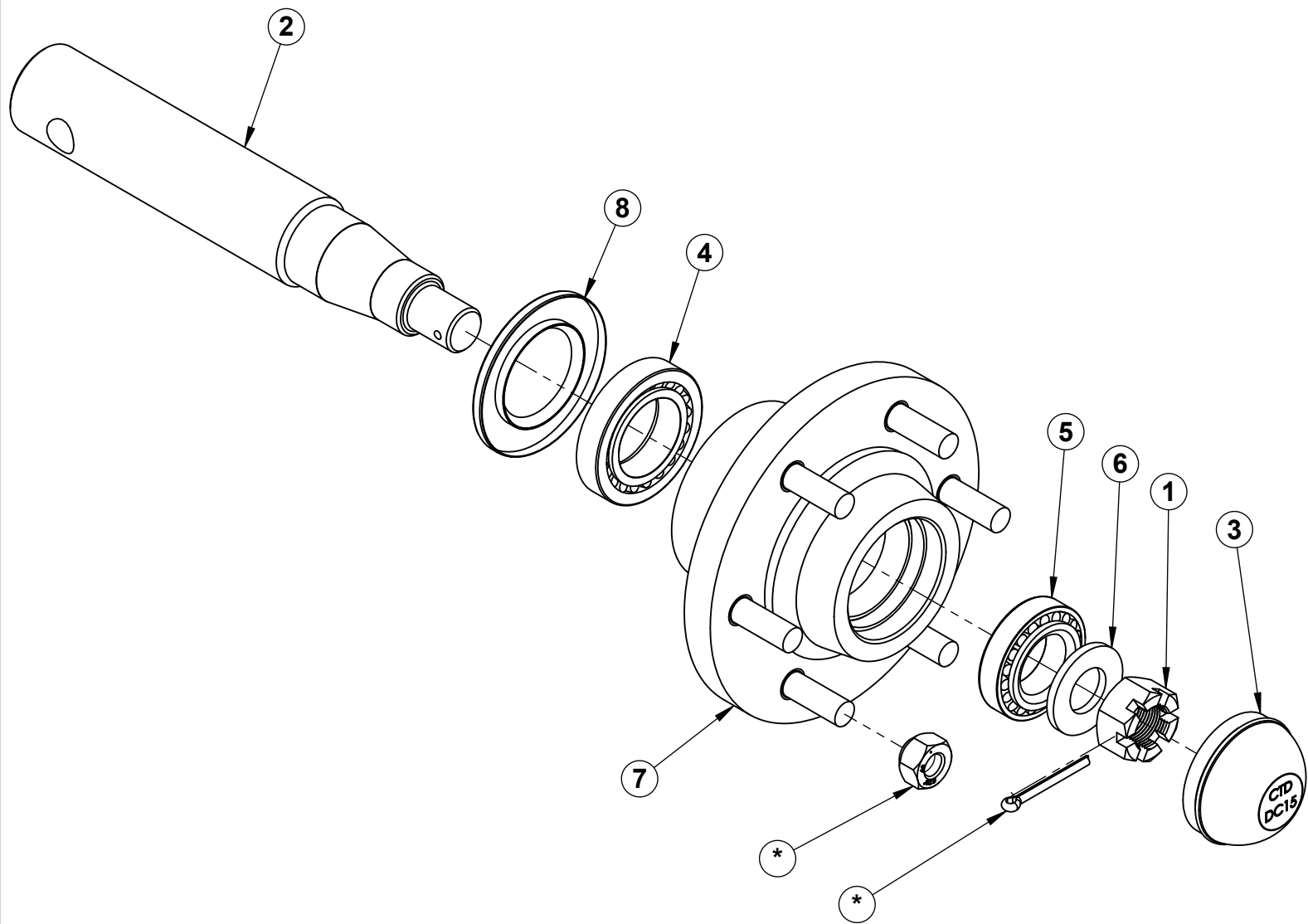


TA00760 Rear Caster Wheel Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HBolt-0.7500-10x4.000-YZ8	Bolt, Hex Hd 3/4-10x4-YZ8	1	
2	HBolt-0.8750-9x1.750-YZ8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	1	600
3	HD Washer 0.89 x 4.50	HD Washer .875 x 4.5	1	
4	NLNut-0.7500-10-YZ8	Nut, Nylock 3/4-10-YZ8	1	
5	TA00761	Wheel Assy	1	
6	TA00762	6 Bolt Hub & Spindle Assy	1	
7	TW000743	Rear Caster Weldment	1	

Note:

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

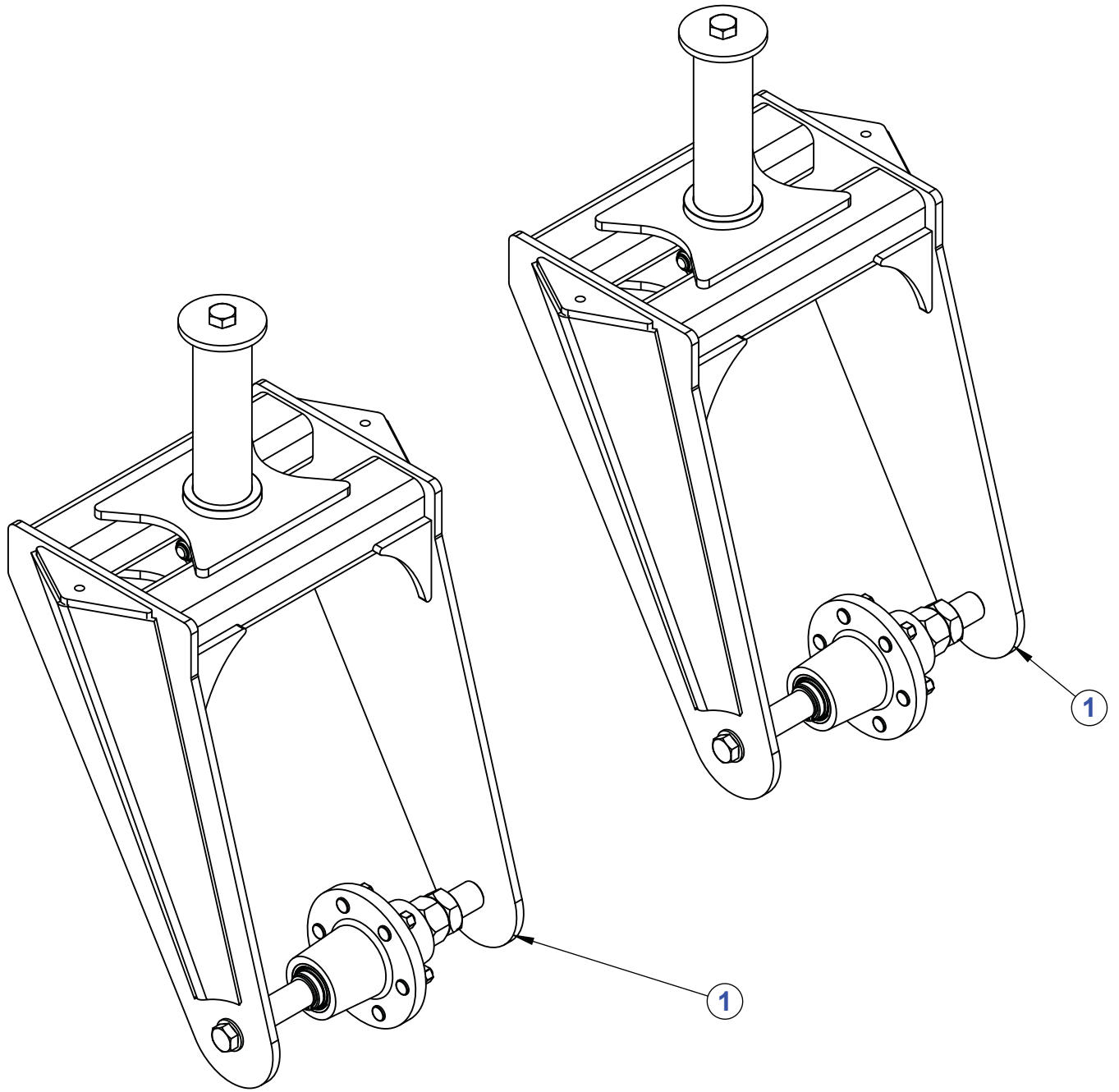


TA00762 6 Bolt Hub & Spindle Assy

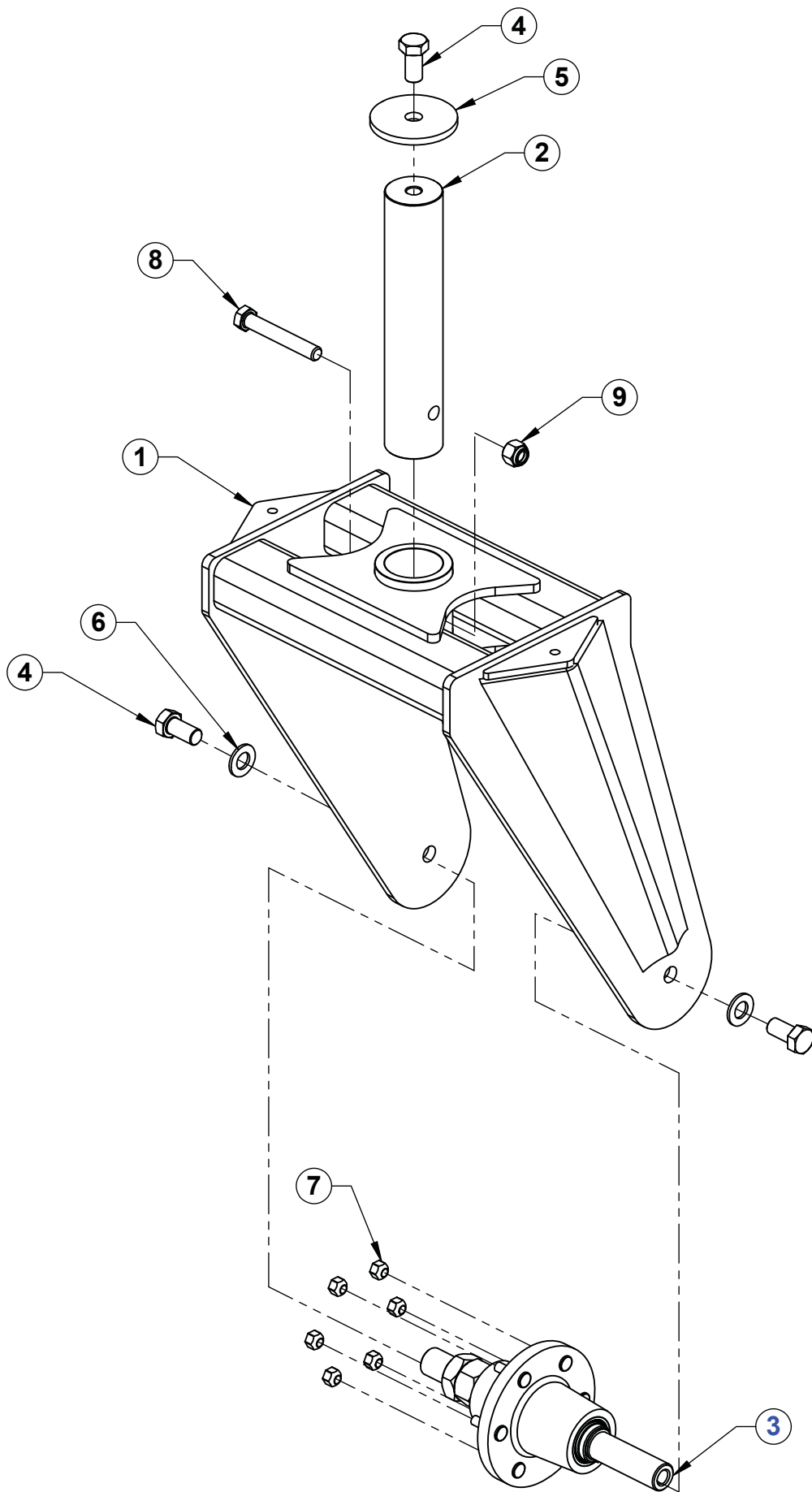
ITEM	PART NUMBER	DESCRIPTION	VENDOR PN	CASE IH P/N	QTY
1	SHN-1.000-14C5	Nut, Slotted Hex 1-14 CZ5	WB33		1
2	T0051972	Spindle, Rear Caster	S614-A138		1
3	T0051973	Ag Dust Cap	DC15	51200086	1
4	T0051985	Bearing	LM603049	86512027	1
5	T0051986	Bearing	LM48548	618023R91	1
6	T0051987	Spindle Washer	WA17		1
7	T0051989	6 Bolt Hub	HD614-12		1
8	T0051995	Radial Seal	SE16	491715R91	1

Notes:

1. * Items marked with an asterisk are items that are included in that particular assembly.
2. ** Use Case IH AkcelA Multi-Purpose Grease 251H EP or equivalent. Use P/N 87298944 251H EP Multi-Purpose Grease 35 Lbs (15.9 L) or, 132096A1 251H EP Multi-Purpose Grease 14 OZ Tube.
3. *** Lubricate the seals with petroleum jelly.

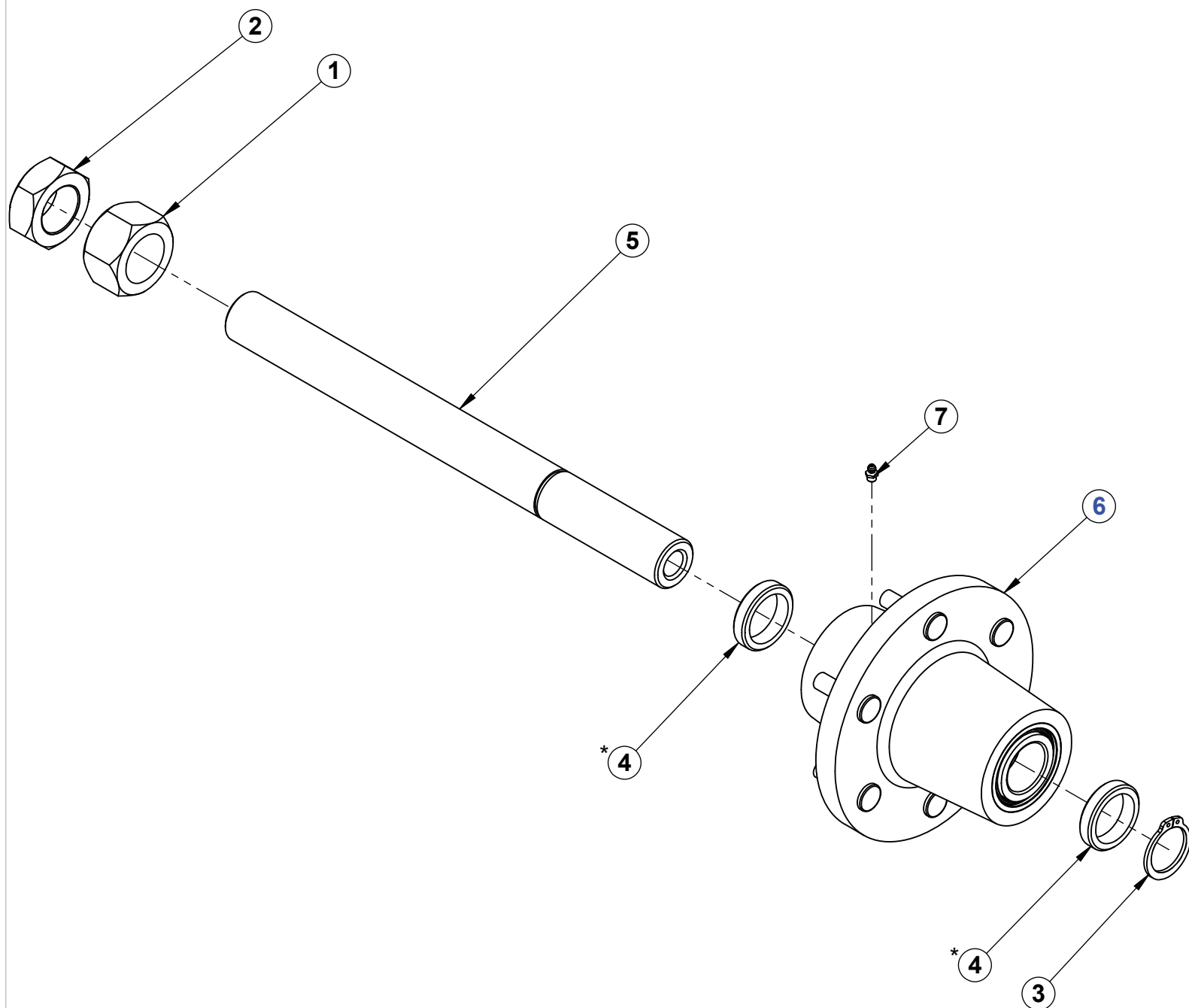


TA01751 Assy, Balanced Caster Upgrade Kit			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	TA01497	Assy, Caster Wheel 6-Bolt Balanced (Update)	2



TA01497 Assy, Caster Wheel

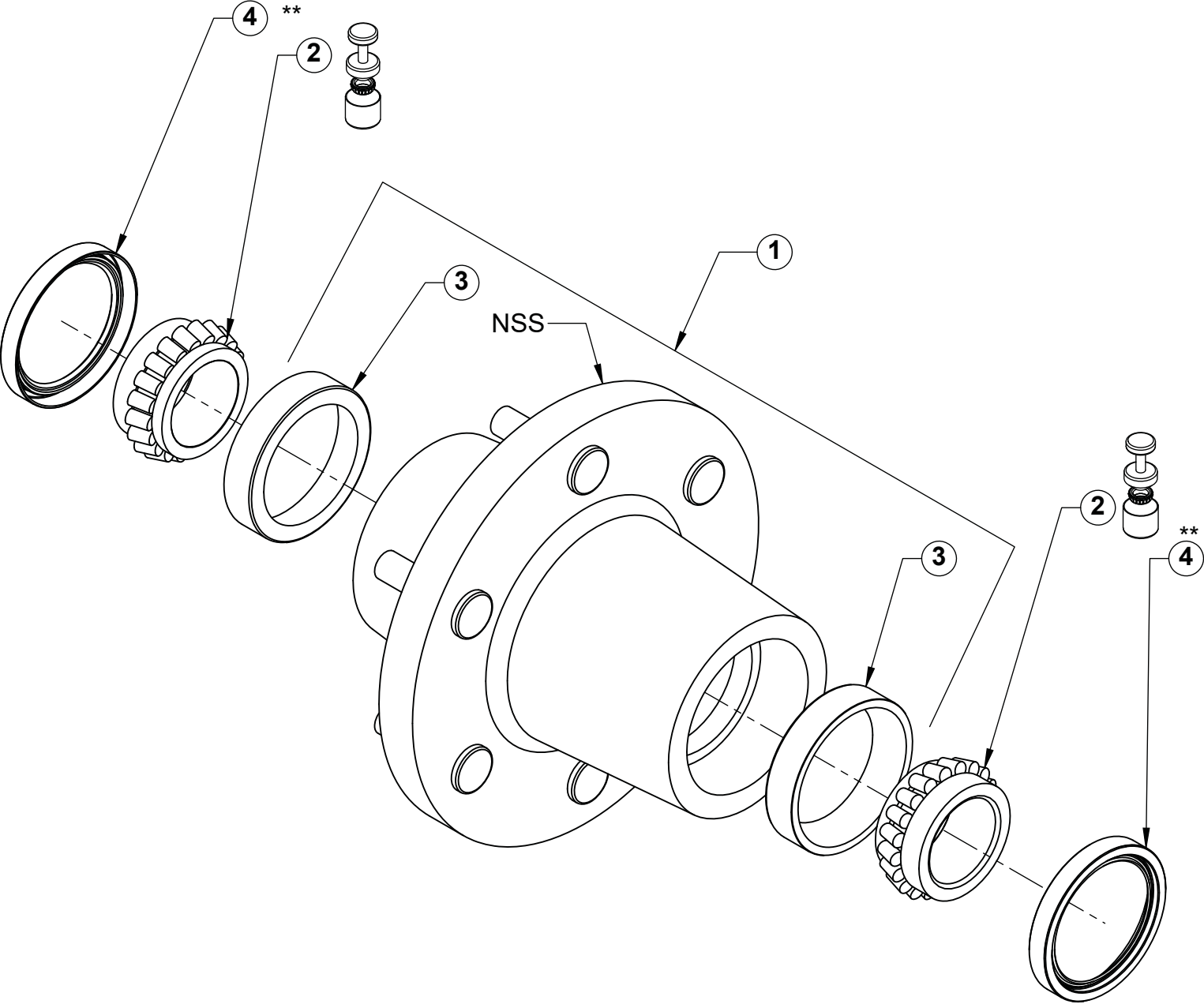
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TW000955	Wldmt, Caster	1	
2	T0053461	Caster Shaft	1	
3	TA00949	Assy, Rear Wheel Axle/ Hub	1	
4	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	3	
5	HDWSH-0.89X4.50Y	HD Washer .875 x 4.5	1	
6	FW-SAE-0.875Y	FW-SAE-0.875-YZ	2	
7	WHNUT-0.500-20C8	NUT-WHEEL .500 NF	6	
8	HB-0.750-10X5.00Y8	Bolt, Hex Hd 3/4-10x5-YZ8	1	
9	NLNUT-0.750-10Y8	Nut, Nylock 3/4-10-YZ8	1	



TA00949 Assy, Rear Wheel Axle/ Hub

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HNUT-1.500-12Y8	Nut, Hex 1-1/2-12 YZ8	1	
2	JNUT-1.500-12Y8	Nut, Jam 1-1/2-12 YZ8	1	
3	SRING-EXT-HD-1.50Y	Retaining Ring, External 1-1/2 HD YZ	1	
4	T0051295	Spacer - Bearing 1.50 ID	2	
5	T0053012	Axle - Rear Wing Wheel	1	
6	TA00736	Assy, Hub-6-Bolt Straddle w Bearings	1	
7	ZERK-0.250-28	Zerk, 1/4-28	1	

* Crosses to a 87504574 or MI-49

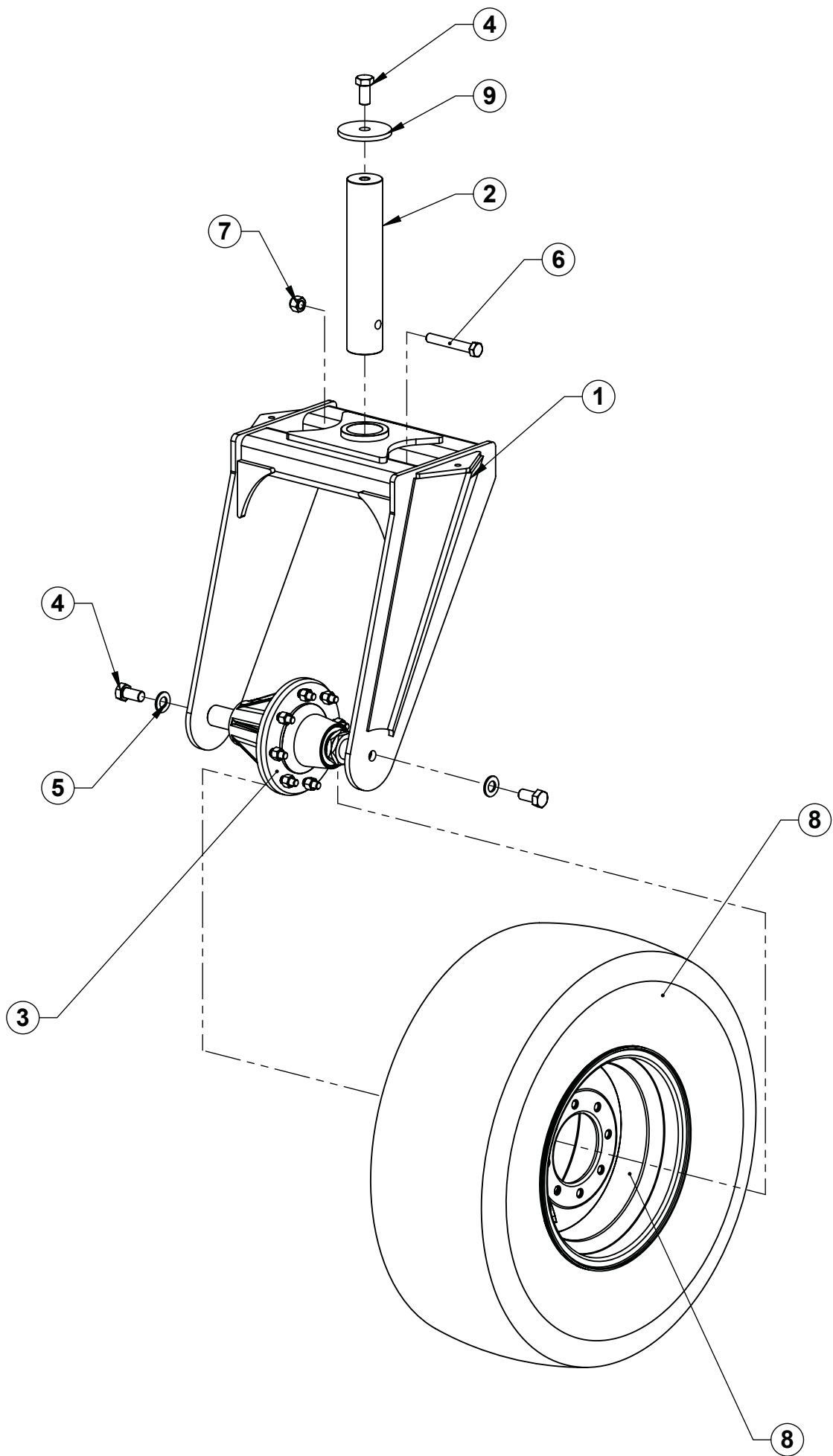


TA00736 Assy, Hub-6-Bolt Straddle w Bearings

ITEM	PART NUMBER	DESCRIPTION	CNH	Vendor PN	QTY.
1	T0051250	Assy, Hub 6-Bolt Straddle	87505491	HA617-1	1
2	T0051908	Bearing, Tapered Roller Ø1.5	72012	13686	2
3	T0051909	Race, Tapered Roller Ø1.50	72062	13621	2
4	T0051910	Seal, Shaft, Ø2.75	36060	SE24	2

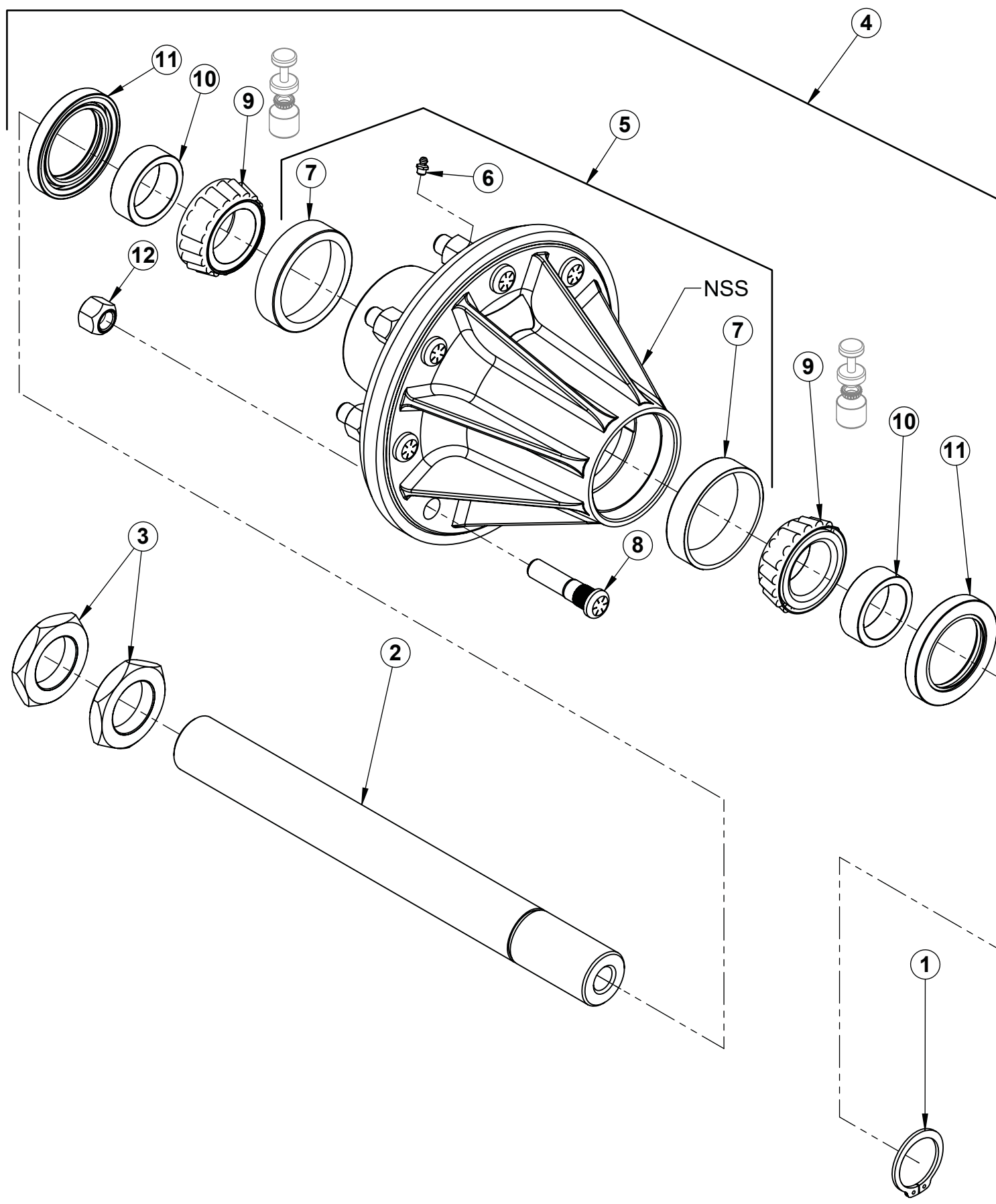
Notes:

-  Pack bearings using SAE multi-purpose hightemperature grease with extreme pressure (EP) performance SAE multi-purpose lithium-based grease is also acceptable.
- ** Lubricate the seals with petroleum jelly.
- NSS = Not Sold Seperately



TA01212 Assy, Caster Wheel 8-Bolt Balanced 1200 (2015 Late Model)

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW000955	Wldmt, Caster	1	
2	T0053461	Caster Shaft	1	
3	TA01211	Hub Assy, 8-Bolt Straddle (Studs)	1	
4	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4 YZ8	3	
5	FW-SAE-0.875Y	Washer, Flat SAE 7/8 YZ	2	
6	HB-0.750-10X5.00Y8	Bolt, Hex Hd 3/4-10x5 YZ8	1	
7	NLNUT-0.750-10Y8	Nylon Lock Nut, 3/4-10 YZ8	1	
8	TA01201	Wheel Assy	1	
9	HDWSH-0.89X4.50Y	HD Washer, 57/64x4-1/2 YZ	1	

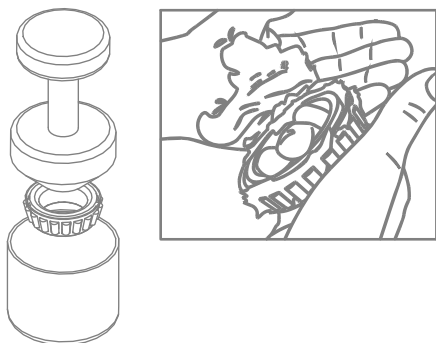


TA01211 Hub Assy, 8-Bolt Straddle (Studs)

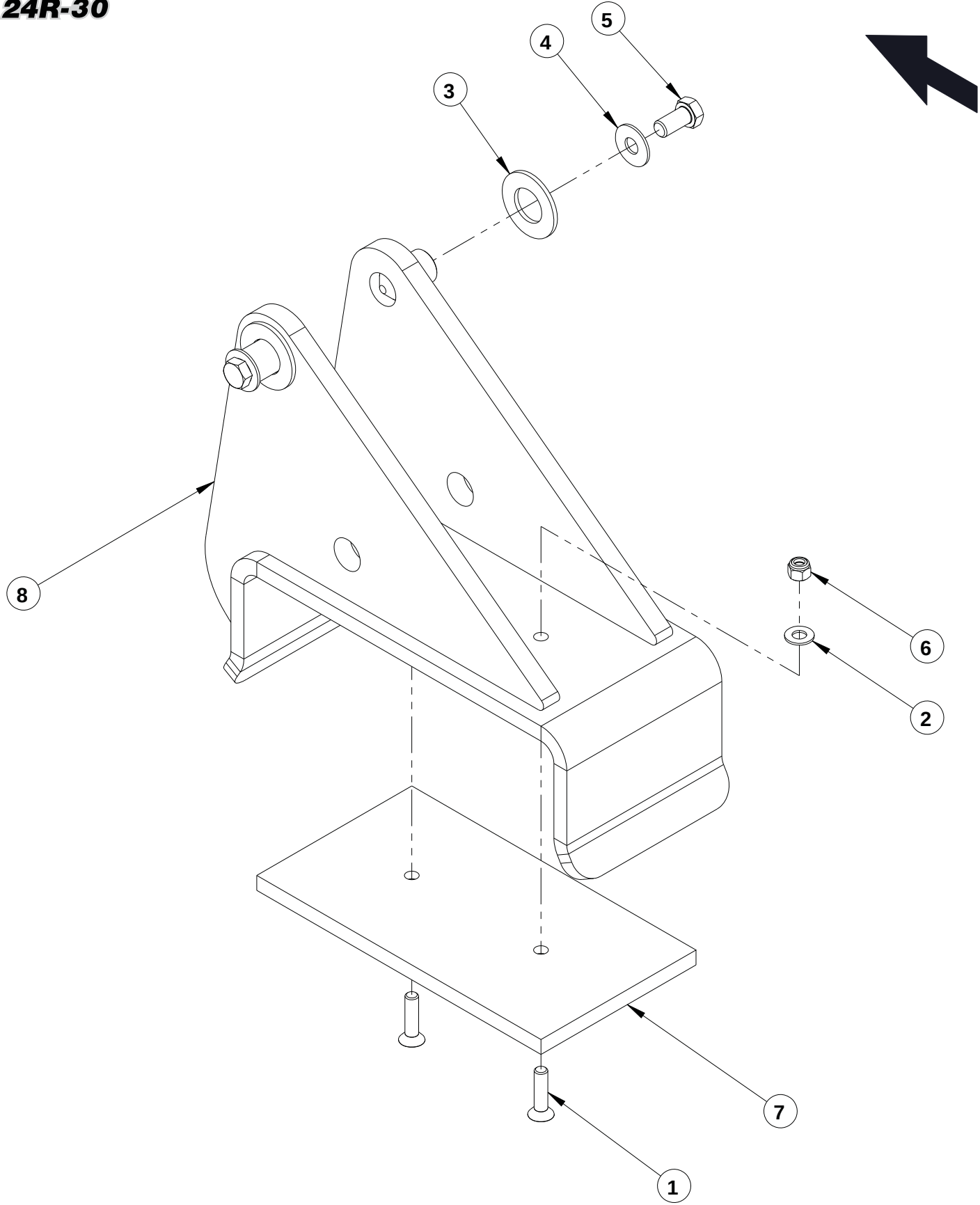
ITEM	PART NUMBER	DESCRIPTION	CNH P/N	Vendor P/N	QTY.
1	SRING-EXT-HD-1.75Y	Retaining Ring, External 1-3/4 HD YZ	86625149	N/A	1
2	T0054402	Axle, Rear Wing Wheel	N/A	N/A	1
3	T0056675	Nut, Jam 1-3/4-12UNF Gr5 YZ	87504483	N/A	2
4	TA02301	Assy, Hub 8-Bolt Straddle (Studs)	N/A	HDAC820-7-10	1
5	T0054398	Hub, 8-Bolt Straddle (Studs)	N/A	HDA820-7-10	1
6	ZERK-0.250-28	Zerk, 1/4-28	80714	60105	1
7	T0054400	Bearing Race	130503H	25520	2
8	WS-0.625-18X2.50C8	Wheel Stud, 5/8-18x2-1/2 CZ	N/A	WB46	8
9	T0054401	Bearing, Wheel	A29063	25580	2
10	T0054403	Hub Spacer	6497	6497	2
11	T0054404	Seal, Shaft Ø2.25	6494	22532	2
12	WHNUT-0.625-18C5	Wheel Nut, 5/8-18 CZ5	N/A	WB18	8

Note:

- * The items indicated are shown for reference only, and must be assembled during final assembly.
- ** The assemblies indicated are for illustrative purposes only and are not intended to be assembled in this sequence.
- NSS = Not Sold Separately.
- Pack bearings by hand or with a bearing packer machine before assembly. Use an SAE multipurpose high temperature grease with extreme pressure (EP) performance. Also acceptable, SAE multipurpose lithium based grease.



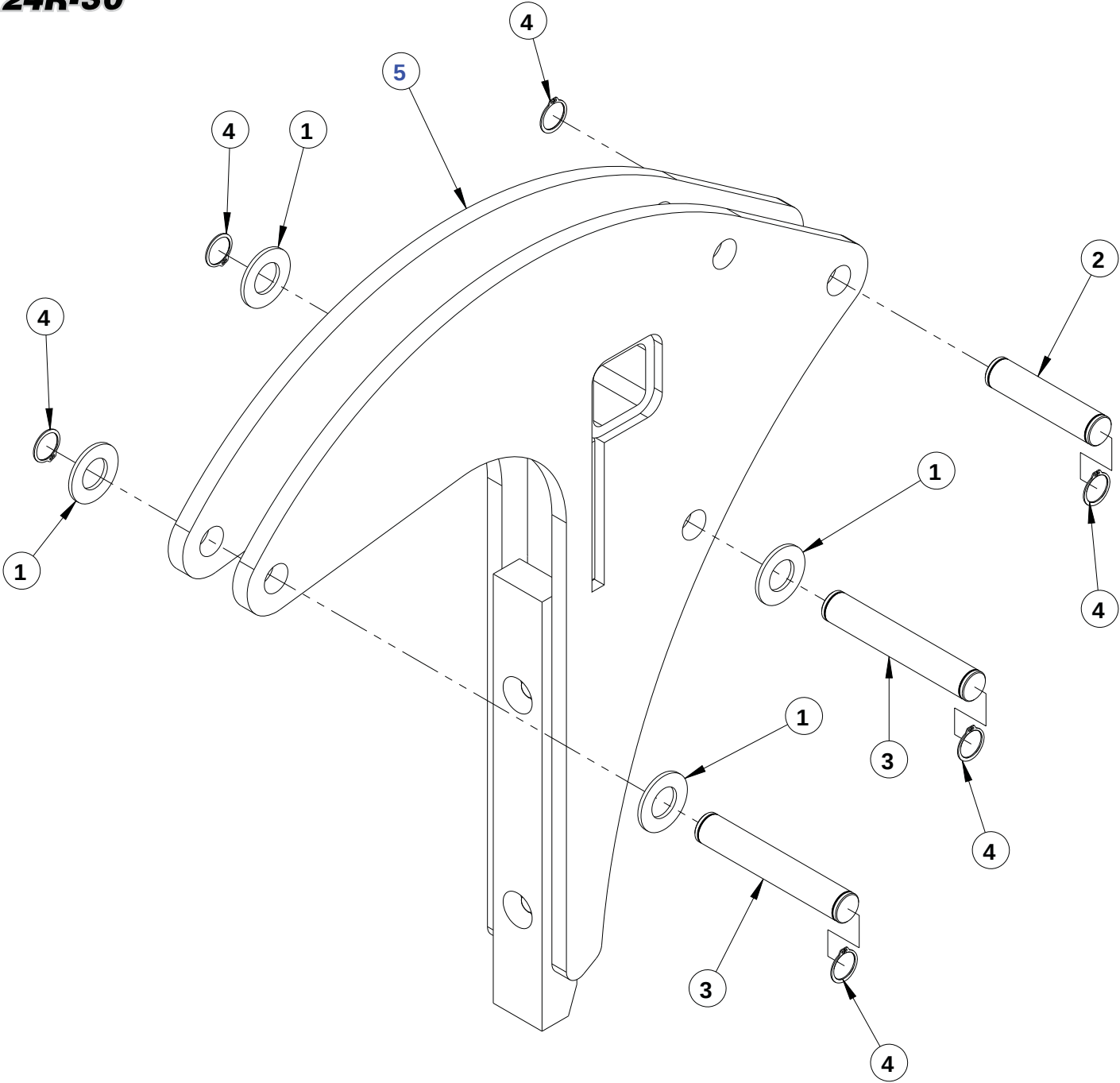
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TA00854 Assy, Wing Engagement

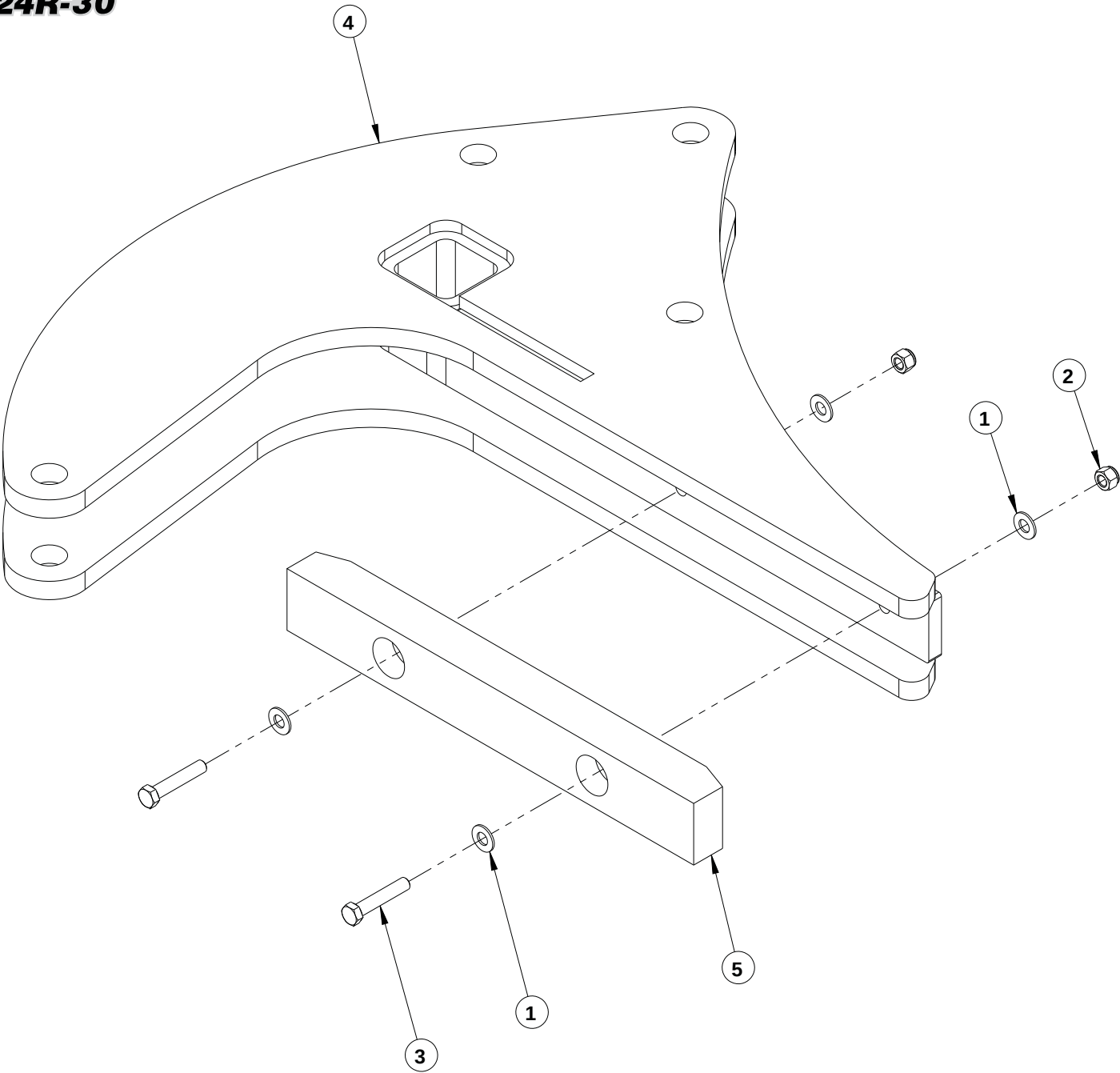
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FHCS 0.375-16x1.50-YZ	FHCS 3/8-16x1-1/2-YZ	2	
2	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	2	
3	FW-SAE-1.000-YZ	Washer, Flat SAE-1.0-YZ	2	
4	FW-USS-0.438-YZ	Washer, Flat-USS 7/16-YZ	2	
5	HBolt-0.5000-13x1.000-YZ8	Bolt, Hex Head-1/2-13x1-YZ8	2	
6	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	2	
7	T0052719	Pad, Wing Lift	1	
8	TW000809	Weld, Wing Engagement	1	

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TA00861 Wing Lift Assy				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-1.000-YZ	Washer, Flat SAE-1.0-YZ	4	
2	Pin-1.0000x4.125-YZ	Pin-1.0000x4.125-YZ	1	
3	Pin-1.0000x5.750-YZ	Pin-1.0000x5.750-YZ	2	
4	SRing-Ext-1.000	Ring, Retaining Ext Shaft-1.0"	6	
5	TA00855	Assy, Wing Lift	1	

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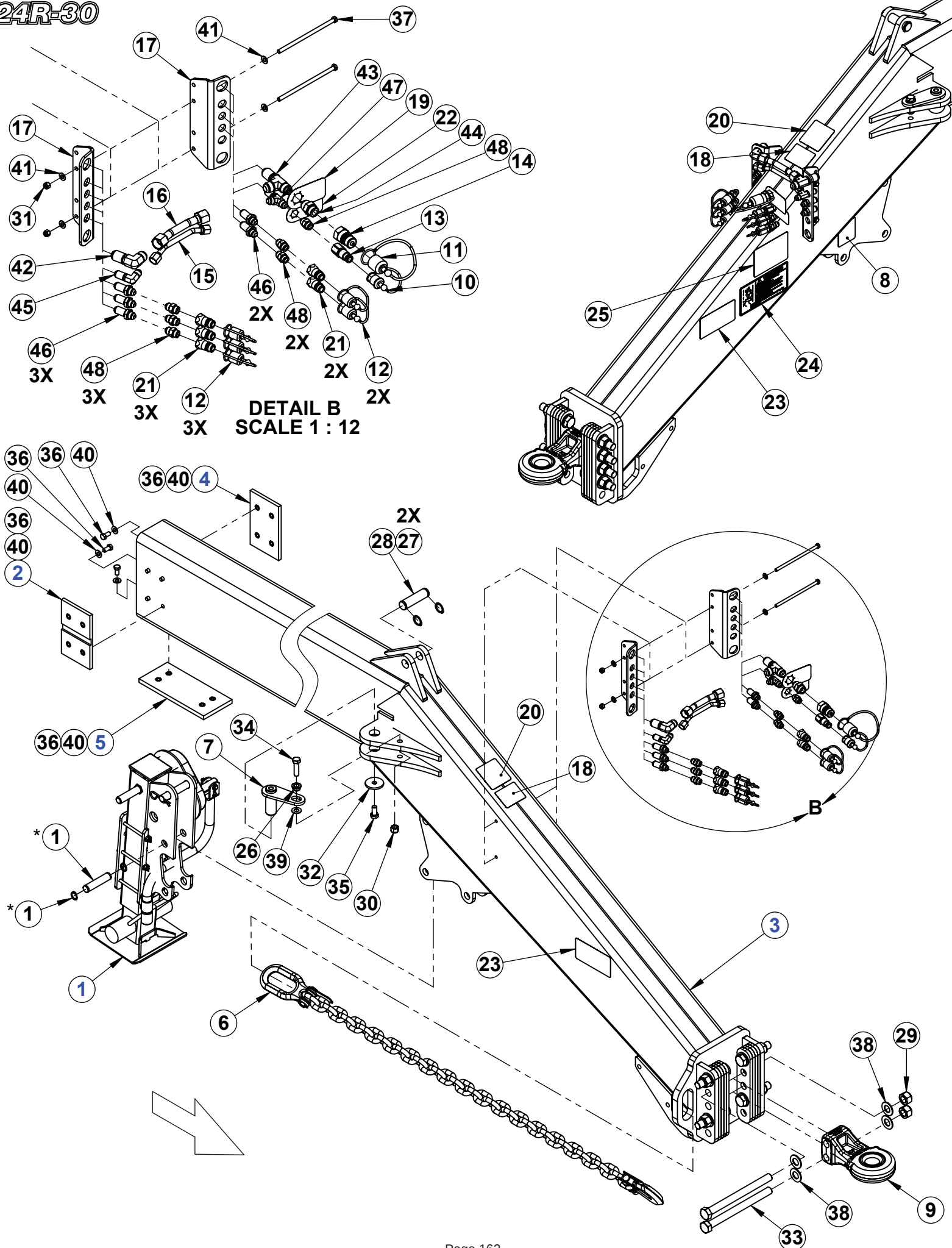
TA00855 Assy, Wing Lift				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	4	
2	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	2	
3	HBolt-0.3750-16x2.000-YZ8	Bolt, Hex Head-3/8-16x2-YZ8	2	
4	TW000808	Wing Lift Weldment	1	
5	T0052755	Lift Pad	1	

TA00720 Hitch Assy

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	AD-08MJ-08MB	Adapter, 08MJ-08MB	6	
2	AD-08MJ-08MJ-BH	Adapter, 08MJ-08MJ BH	5	
3	AD-08MJ-08MJ-BH90	Adapter, 08MJ-08MJ BH 90	1	
4	AD-08MJ-08MJ-08MJ-BHR	Adapter, 08MJT BH Run	1	
5	AD-12MJ-12MB	Adapter, 12MJ-12MB	1	
6	AD-12MJ-12MJ-BH90	Adapter, 12MJ-12MJ BH 90	1	
7	AD-12MJ-12MJ-12MJ-BHR	Adapter, 12MJ-12MJ-12MJ BH Run	1	
8	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	4	
9	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	22	
10	HB-0.375-16X8.00Y8	Bolt, Hex Head-3/8-16x8.0-YZ8	2	
11	HB-0.500-13X1.00Y8	Bolt, Hex Hd 1/2-13x1 YZ8	12	
12	HB-0.500-13X2.00Y8	Bolt, Hex Hd 1/2-13x2 YZ8	4	
13	HB-0.500-13X2.25Y8	Bolt, Hex Hd 1/2-13x2-1/4 YZ8	2	
14	HDWSH-0.64X2.50Y	HD Washer, 41/64x2-1/2 YZ	2	
15	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	2	
16	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	6	
17	PIN-1.250X4.13Y	Pin, 1-1/4x4-1/8 YZ	1	
18	T0050854	Anti Rotation Insert	2	
19	T0051511	Safety Chain-61,000 lbs. 80"	1	
20	T0052376	Tip, Motor Return w/Relief	1	
21	T0051573	Decal, Warning-Machine Safety	1	
22	T0051574	Decal, Warning-Machine Transport	1	
23	T0051575	Decal, Warning-Tipping Hazard	2	
24	T0051595	Decal, Notice-Fan Motor Case	1	
25	T0052377	Tip, Case Drain w/Relief	1	
26	T0051660	Tip, 1/2" Pioneer	5	
27	T0051669	Decal, Warning-Hyd Fluid	1	
28	T0051678	Decal, Notice-Motor Return	1	
29	T0051702	Decal, Important-Case Drain	1	
30	T0052002	Plate, Bulkhead	2	
31	T0052292	Tube Assy, Crossover	1	
32	T0052293	Tube Assy, Crossover	1	
33	T0052386	Dust Plug, Pioneer Black	5	
34	T0052387	Dust Cap, Motor Return Black	1	
35	T0052388	Dust Cap, Case Drain Black	1	
36	TA00786	Implement Jack Assembly	1	
37	TA00800	Slider Assembly	1	
38	TA00801	Assy, Slider	1	
39	TA00816	Front Hitch Assy	1	
40	TA00843	Assy, Slider	1	
41	TW000630	Pin Weldment	2	
42	SRING-EXT-HD-1.25Y	Retaining Ring, External 1-1/4 HD YZ	2	
43	HB-0.625-11X1.25Y8	Bolt, Hex Hd 5/8-11x1-1/4 YZ8	2	

Notes:

1. Match the dado in assy # TA00843 to the weld seam of track carrier inside tube.

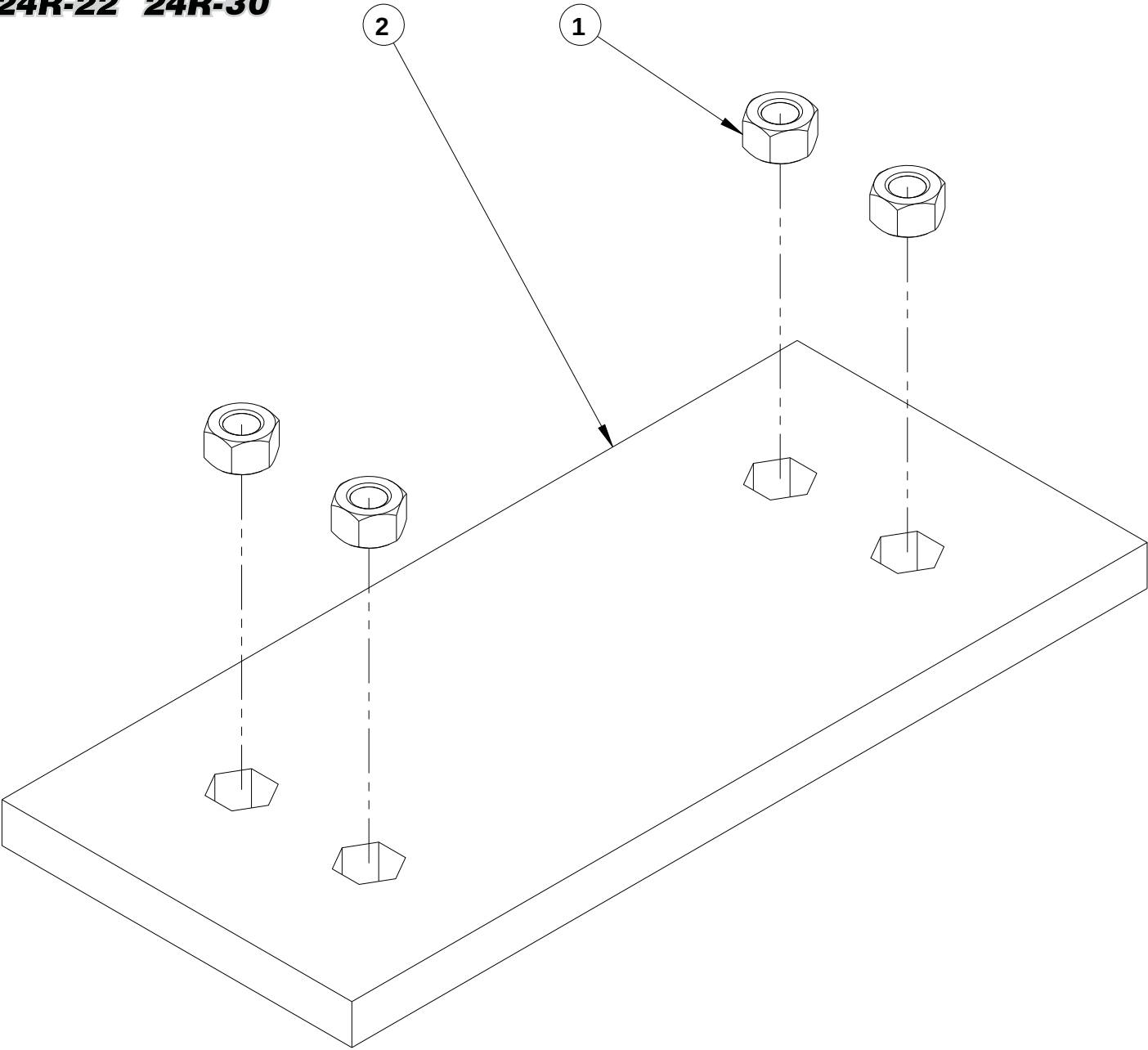


TA00825 Hitch Assy			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	TA01001	Assy, Jack (2015 24R30)	1
2	TA00843	Assy, Slider	1
3	TA00824	Front Hitch Assy	1
4	TA00801	Assy, Slider	1
5	TA00800	Slider Assembly	1
6	T0051511	Safety Chain-61,000 lbs. 80"	1
7	TW000630	Pin Weldment	2
8	T0053639	Decal, 2-Speed Jack	1
9	T0052800	CAT 4 Ball Hitch Assy	1
10	T0052388	Dust Cap, Case Drain Black	1
11	T0052387	Dust Cap, Motor Return Black	1
12	T0052386	Dust Plug, Pioneer Black	5
13	T0052377	Tip, Case Drain w/Relief	1
14	T0052376	Tip, Motor Return w/Relief	1
15	T0052293	Tube Assy, Crossover	1
16	T0052292	Tube Assy, Crossover	1
17	T0052002	Plate, Bulkhead	2
18	T0051702	Decal, Important-Case Drain	1
19	T0051678	Decal, Notice-Motor Return	1
20	T0051669	Decal, Warning-Hyd Fluid	1
21	T0051660	Tip, 1/2" Pioneer	5
22	T0051595	Decal, Notice-Fan Motor Case	1
23	T0051575	Decal, Warning-Tipping Hazard	2
24	T0051574	Decal, Warning-Machine Transport	1
25	T0051573	Decal, Warning-Machine Safety	1
26	T0050854	Anti Rotation Insert	2
27	SRING-EXT-HD-1.25Y	Retaining Ring, External 1-1/4 HD YZ	2
28	PIN-1.250X4.13Y	Pin, 1-1/4x4-1/8 YZ	1
29	NLNUT-1.000-8Y8	Nylon Lock Nut, 1-8 YZ8	2
30	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	2
31	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	2
32	HDWSH-0.64X2.50Y	HD Washer, 41/64x2-1/2 YZ	2
33	HB-1.000-8X12.00Y8	Bolt, Hex Hd 1-8x12 YZ8	2
34	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	2
35	HB-0.625-11X1.25Y8	Bolt, Hex Hd 5/8-11x1-1/4 YZ8	2
36	HB-0.500-13X1.00Y8	Bolt, Hex Hd 1/2-13x1 YZ8	12
37	HB-0.375-16X8.00Y8	Bolt, Hex Head-3/8-16x8.0-YZ8	2
38	FW-SAE-1.000Y	Washer, Flat SAE 1 YZ	4
39	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	2
40	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	12
41	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	4
42	AD-12MJ-12MJ-BH90	Adapter, 12MJ-12MJ BH 90	1
43	AD-12MJ-12MJ-12MJ-BHR	Adapter, 12MJ-12MJ-12MJ BH Run	1
44	AD-12MJ-12MB	Adapter, 12MJ-12MB	1
45	AD-08MJ-08MJ-BH90	Adapter, 08MJ-08MJ BH 90	1
46	AD-08MJ-08MJ-BH	Adapter, 08MJ-08MJ BH	5
47	AD-08MJ-08MJ-08MJ-BHR	Adapter, 08MJT BH Run	1
48	AD-08MJ-08MB	Adapter, 08MJ-08MB	6

Note:

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

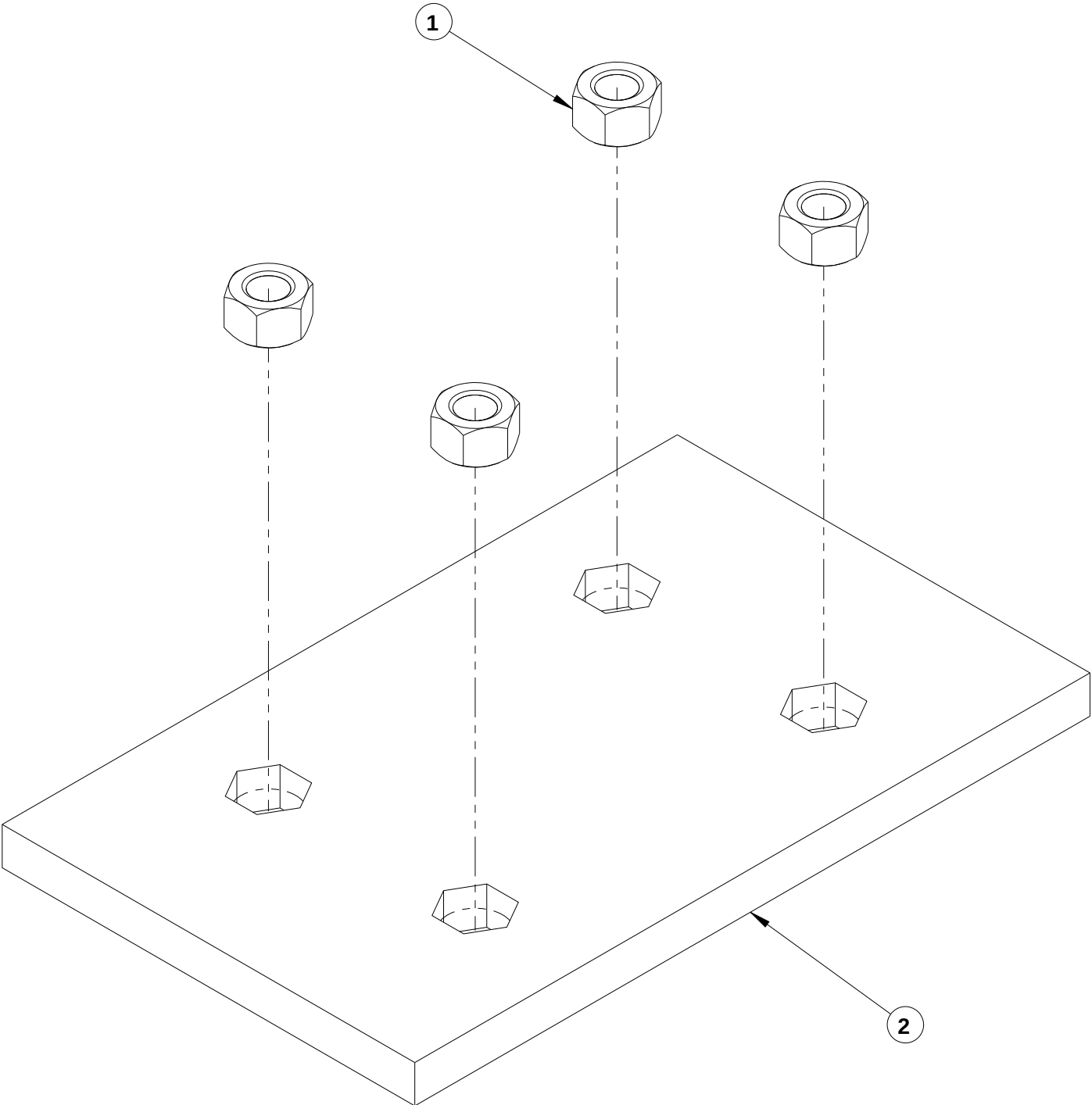
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TA00800 Slider Assembly

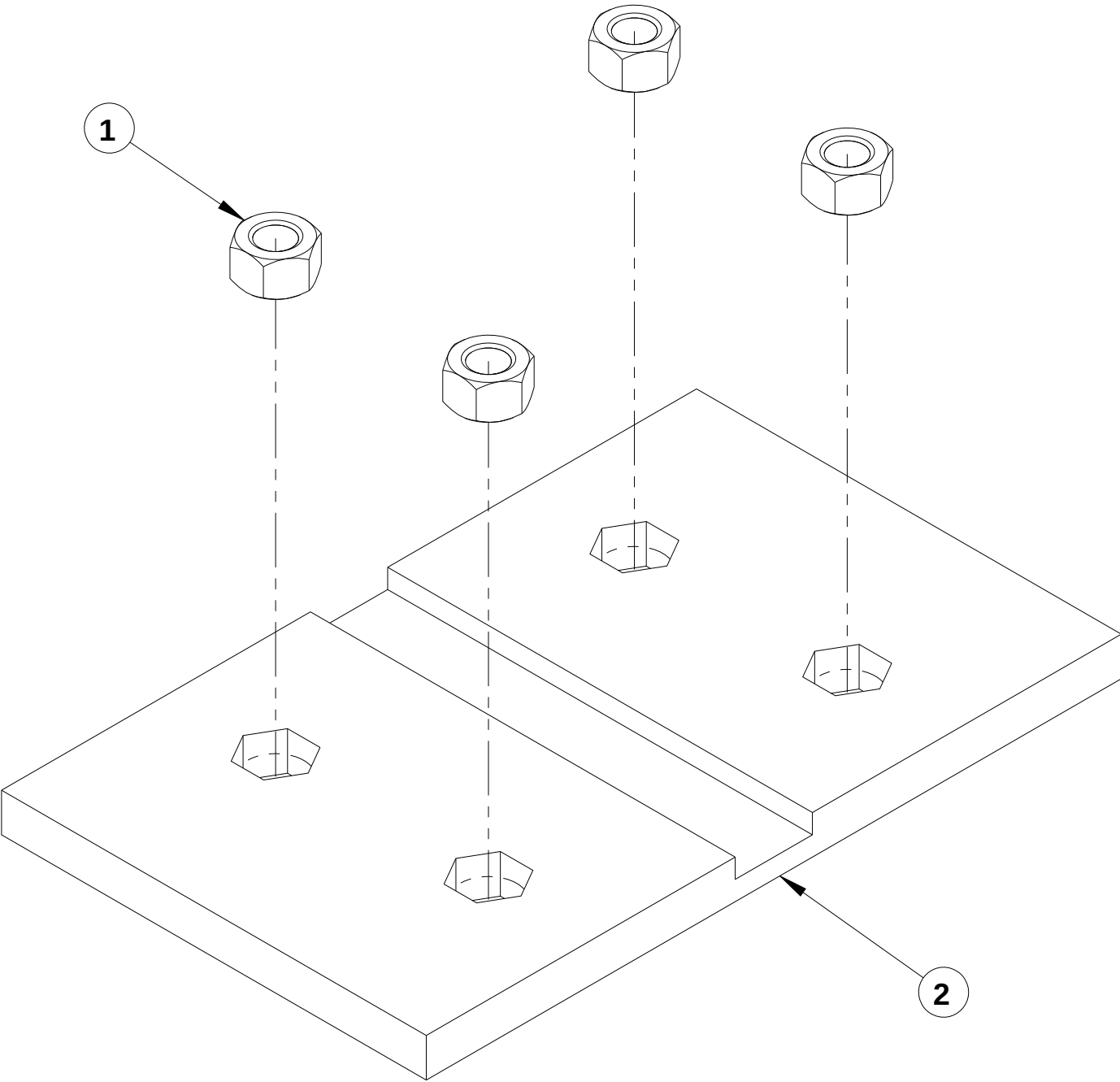
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	HNut-0.5000-13-YZ8	Nut, Hex-1/2-13-YZ8	4	
2	T0052284	Pad, Slider	1	

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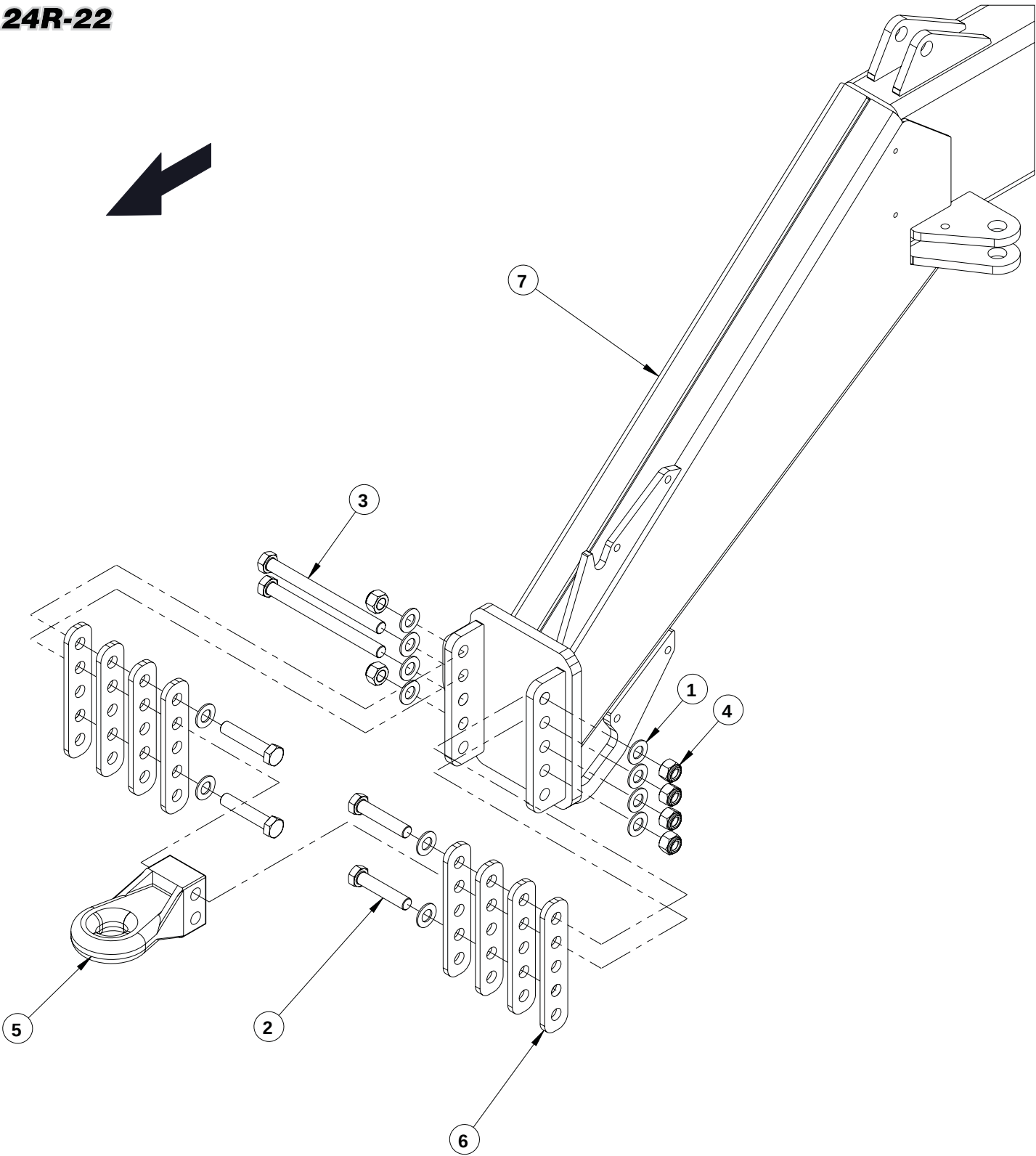
TA00801 Assy, Slider				
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	HNut-0.5000-13-YZ8	Nut, Hex-1/2-13-YZ8	4	
2	T0052285	Pad, Slider	1	

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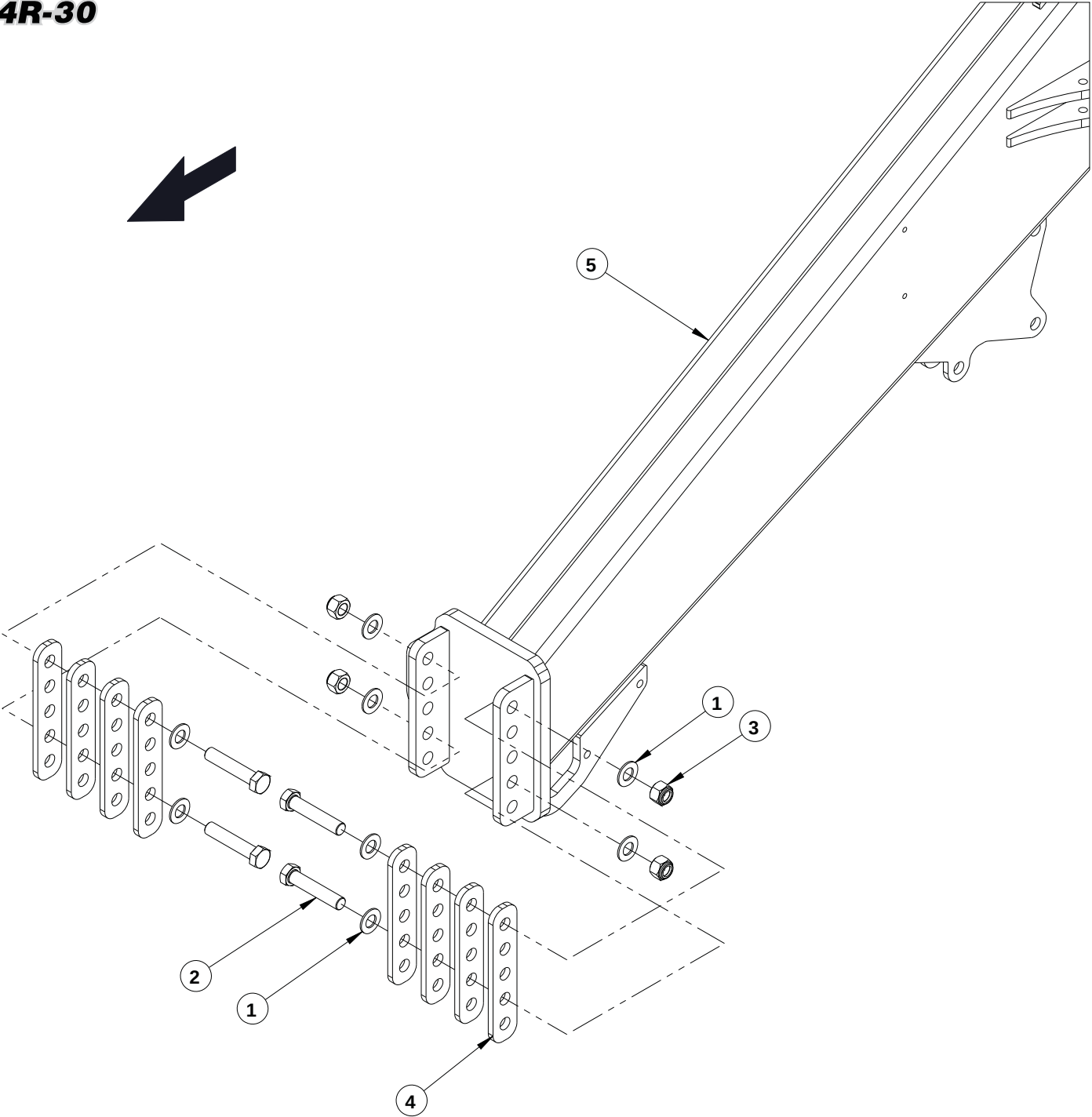
TA00843 Assy, Slider				
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	HNut-0.5000-13-YZ8	Nut, Hex-1/2-13-YZ8	4	
2	T0052385	Pad, Slider - w/ Dado Cut	1	

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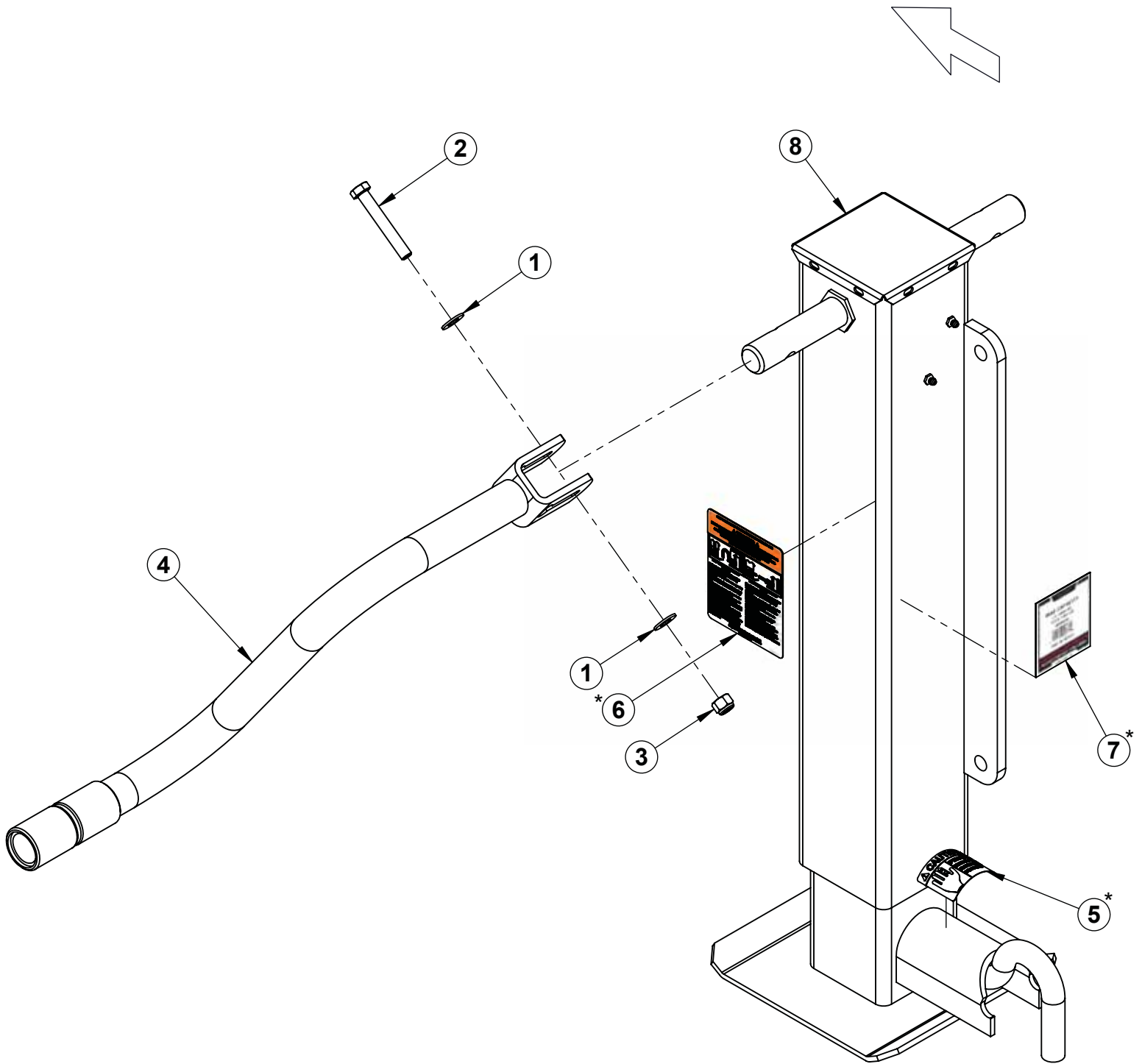
TA00816 Front Hitch Assy				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-1.000-YZ	Washer, Flat SAE-1.0-YZ	12	
2	HBolt-1.0000-8x5.000-YZ8	HBolt-1.0000-8x5.000-YZ8	4	
3	HBolt-1.0000-8x12.000-YZ8	Bolt, Hex Hd-1-8x12-YZ8	2	
4	NLNut-1.0000-8-YZ8	Nut, Nylock-1.0-8-YZ8	6	
5	T0051260	Hitch, Base -Perfect CAT 4	1	
6	T0052008	Hitch Plate	8	
7	TW000711	Wldmt, Front Hitch	1	

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TA00824 Front Hitch Assy

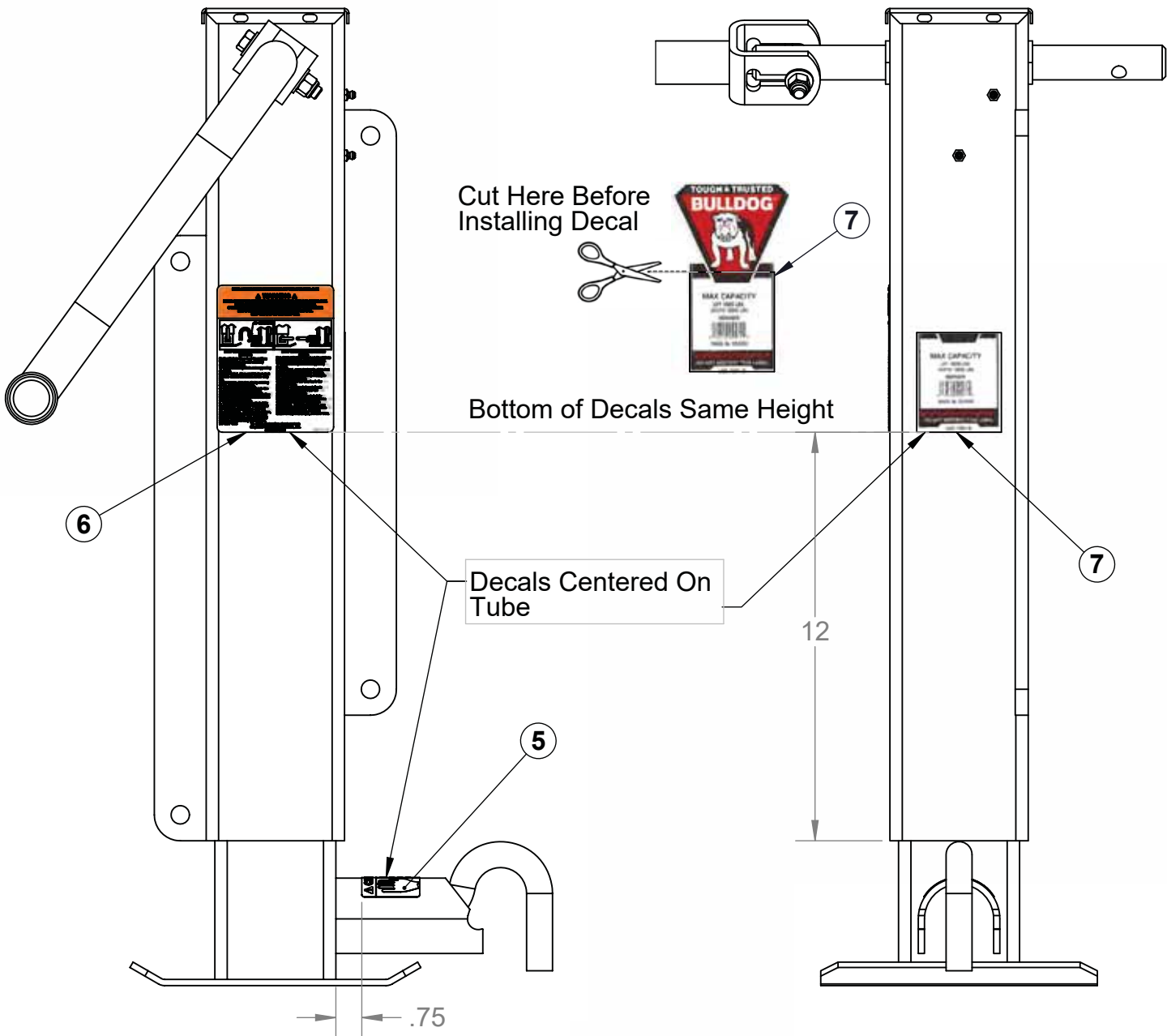
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-1.000-YZ	Washer, Flat SAE-1.0-YZ	8	
2	HBolt-1.0000-8x5.000-YZ8	HBolt-1.0000-8x5.000-YZ8	4	
3	NLNut-1.0000-8-YZ8	Nut, Nylock-1.0-8-YZ8	4	
4	T0052008	Hitch Plate	8	
5	TW000783	Front Hitch	1	



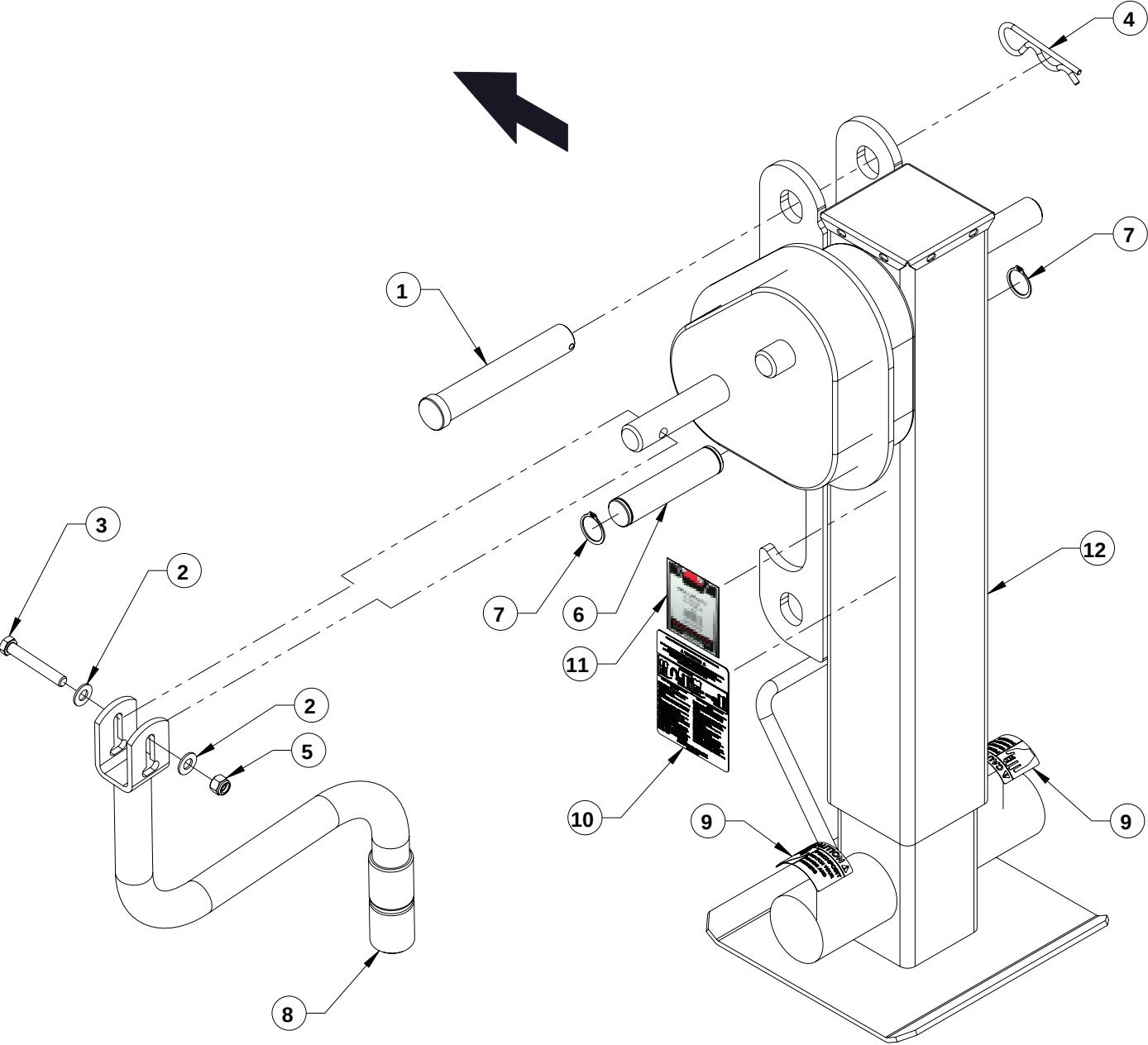
TA00786 Implement Jack Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	2	
2	HB-0.375-16X2.50Y8	Bolt, Hex Hd 3/8-16x2-1/2 YZ8	1	
3	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	1	
4	T0051367	Jack Handle, Red	1	
5	T0052659	Decal, Pinchpoint	NSS	
6	T0052660	Decal, Warning Imp Jack	NSS	
7	T0052661	Decal, Max Capacity	NSS	
8	TW000760	Jack Weldment	1	

Note:
* Decals #5, #6 & #7 are Included with Item #8 and Not Serviced Separately

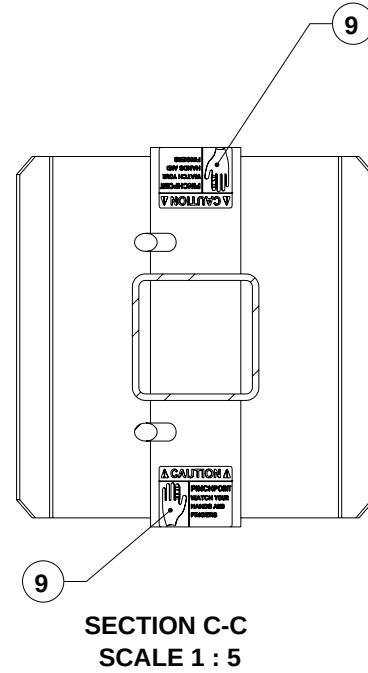
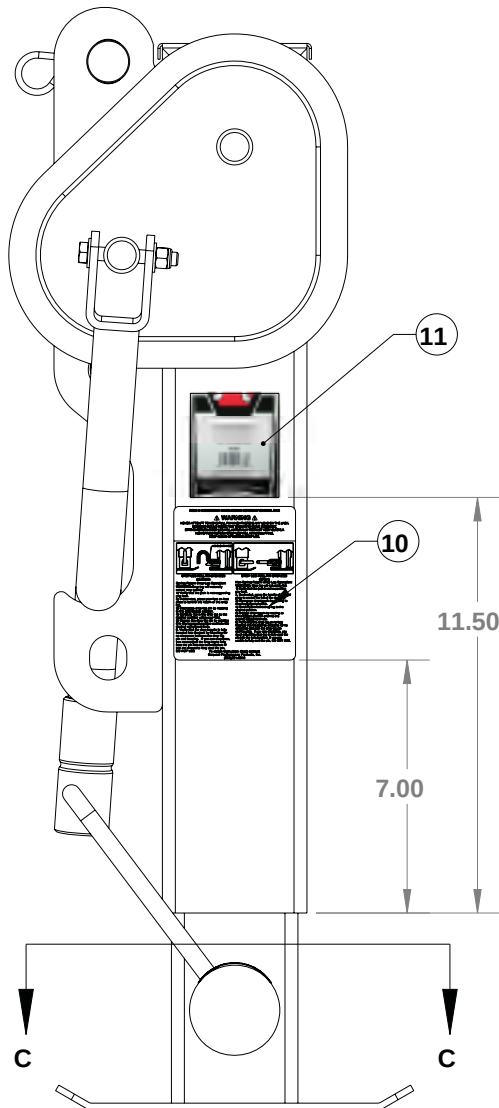


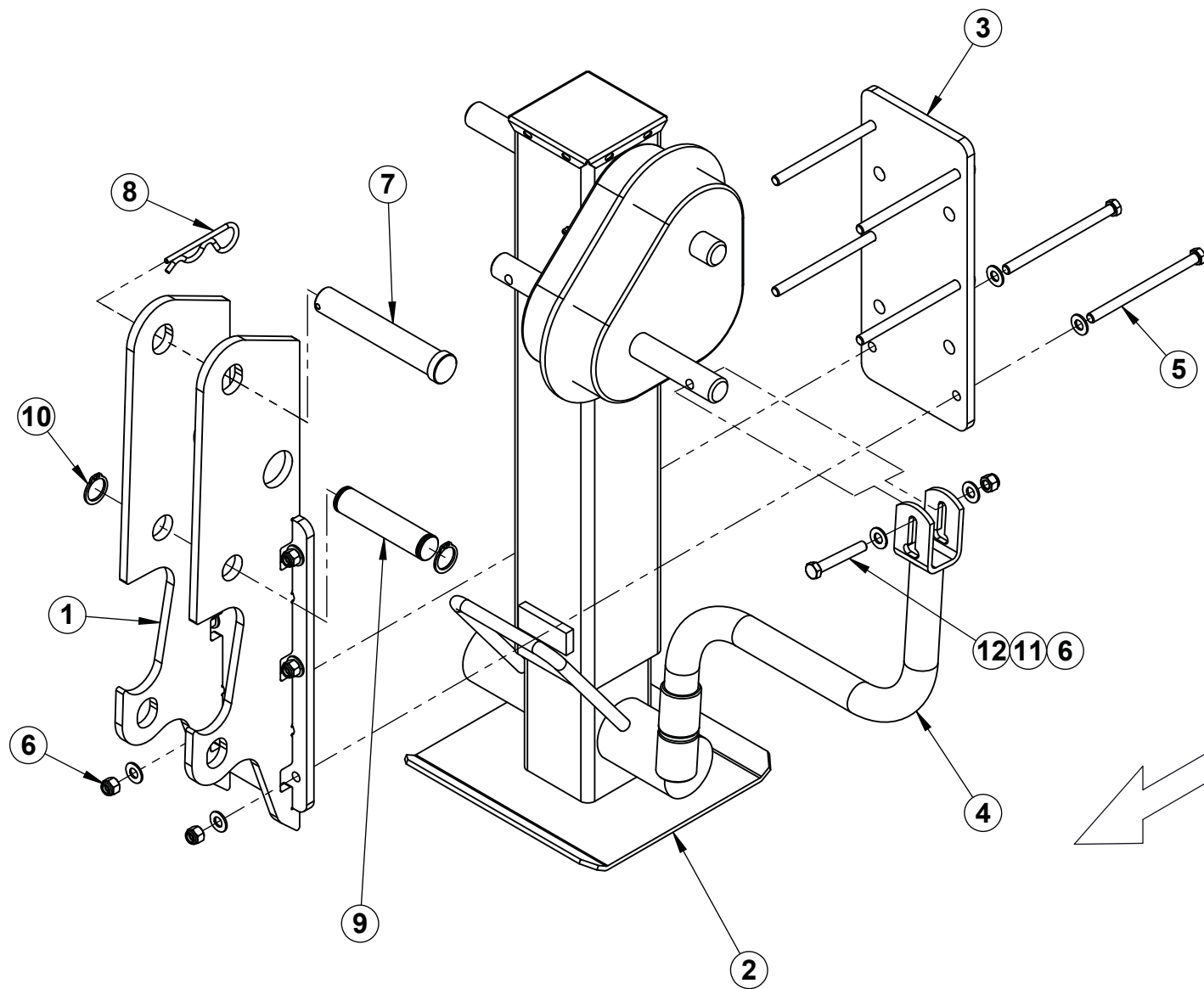
24R-30



TA00878 2 Speed Implement Jack Assembly

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	CPin-1.0000x6.000-YZ	Clevis Pin, Ø1" X 6" YZ	1	
2	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	2	
3	HBolt-0.3750-16x2.500-YZ8	Bolt, Hex Head-3/8-16x2.5-YZ8	1	
4	Hpinclip-1.0000 YZ	Hair Pin Clip-Ø1.0000" YZ	1	
5	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	1	
6	Pin-1.0000x4.125-YZ	Pin-1.0000x4.125-YZ	1	
7	SRing-Ext-1.000	Ring, Retaining Ext Shaft-1.0"	2	
8	T0051367	Handle Jack	1	
9	T0052659	Decal, Pinchpoint	2	
10	T0052660	Decal, Warning Imp Jack	1	
11	T0052801	Decal, Max Capacity 25,000	1	
12	TW000810	2 Speed Jack Weldment	1	

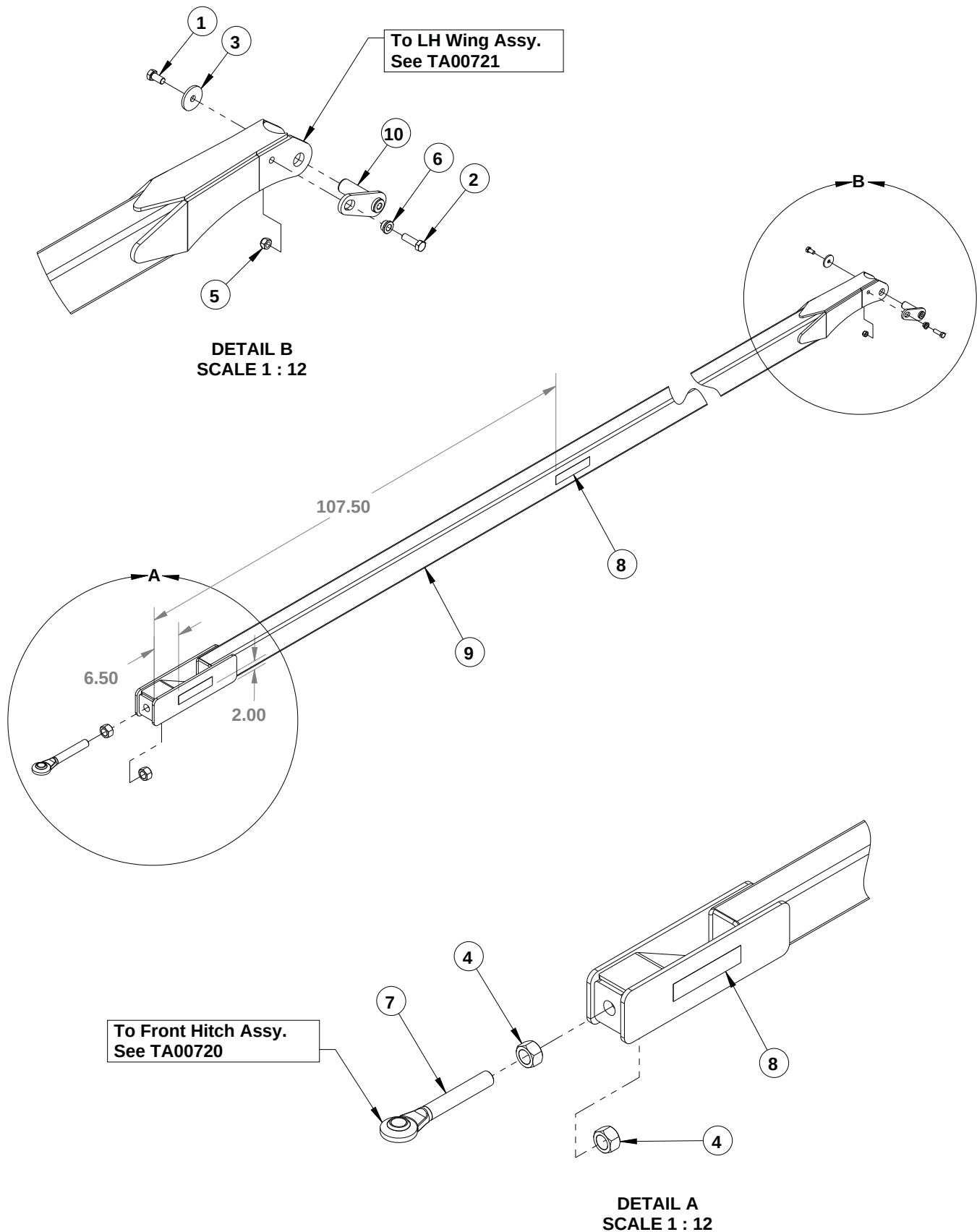




TA01001 Assy, Jack

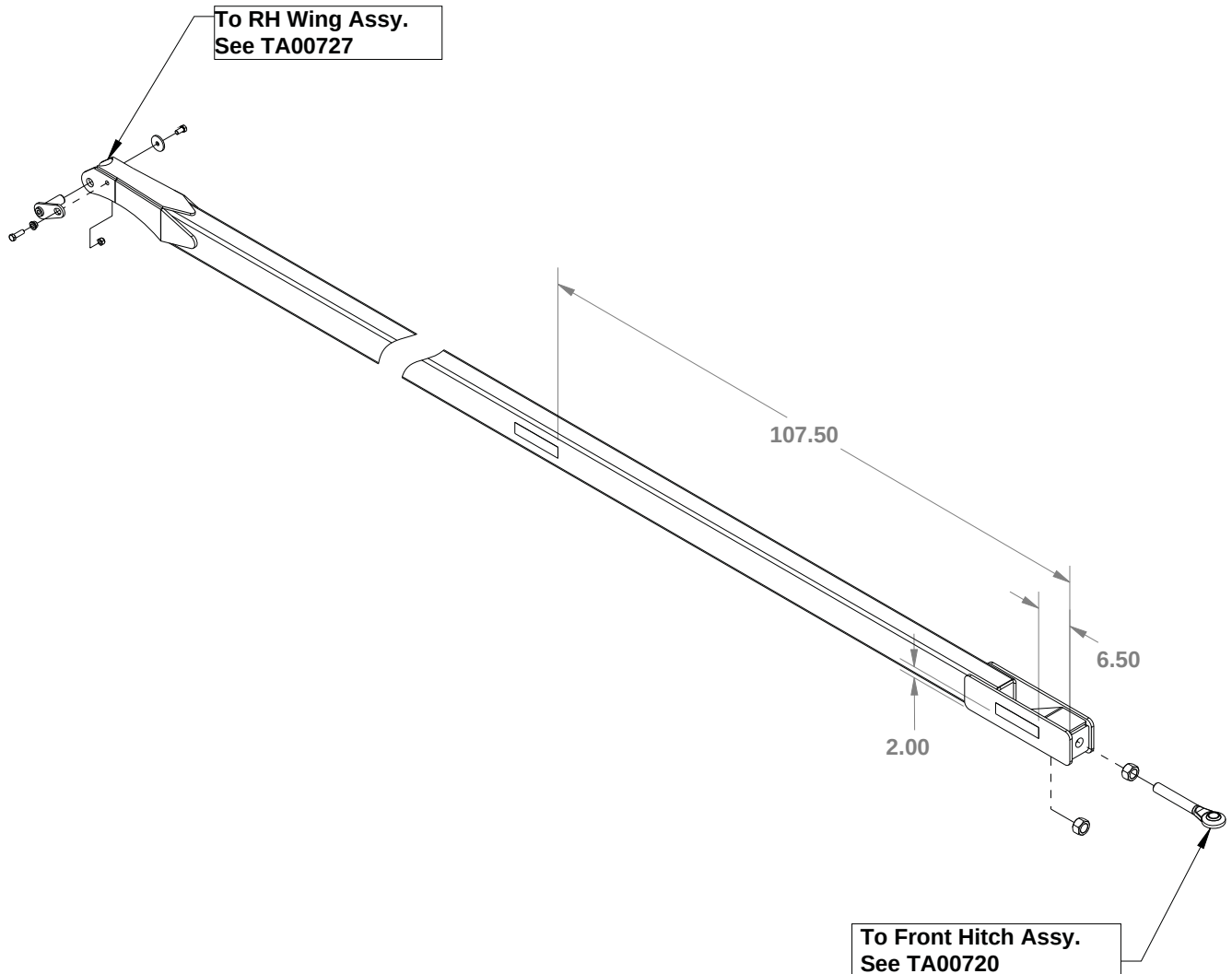
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TW000936	Bracket, Jack Mount	1	
2	TW000941	24R30 Jack	1	
3	T0053314	Plate, Jack Mount	1	
4	T0054234	Jack Handle, Black	1	
5	HB-0.375-16X5.50Y8	HBolt-0.3750-16x5.500-YZ8	6	
6	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	7	
7	CLPIN-1.000X6.00Y	Clevis Pin, Ø1" X 6" YZ	1	
8	HPINCLIP-1.000Y	Hair Pin Clip-Ø1.0000" YZ	1	
9	PIN-1.000X4.13Y	PIN-1.000X4.13Y	1	
10	SRING-EXT-HD-1.00Y	SRING-EXT-HD-1.00Y	2	
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	

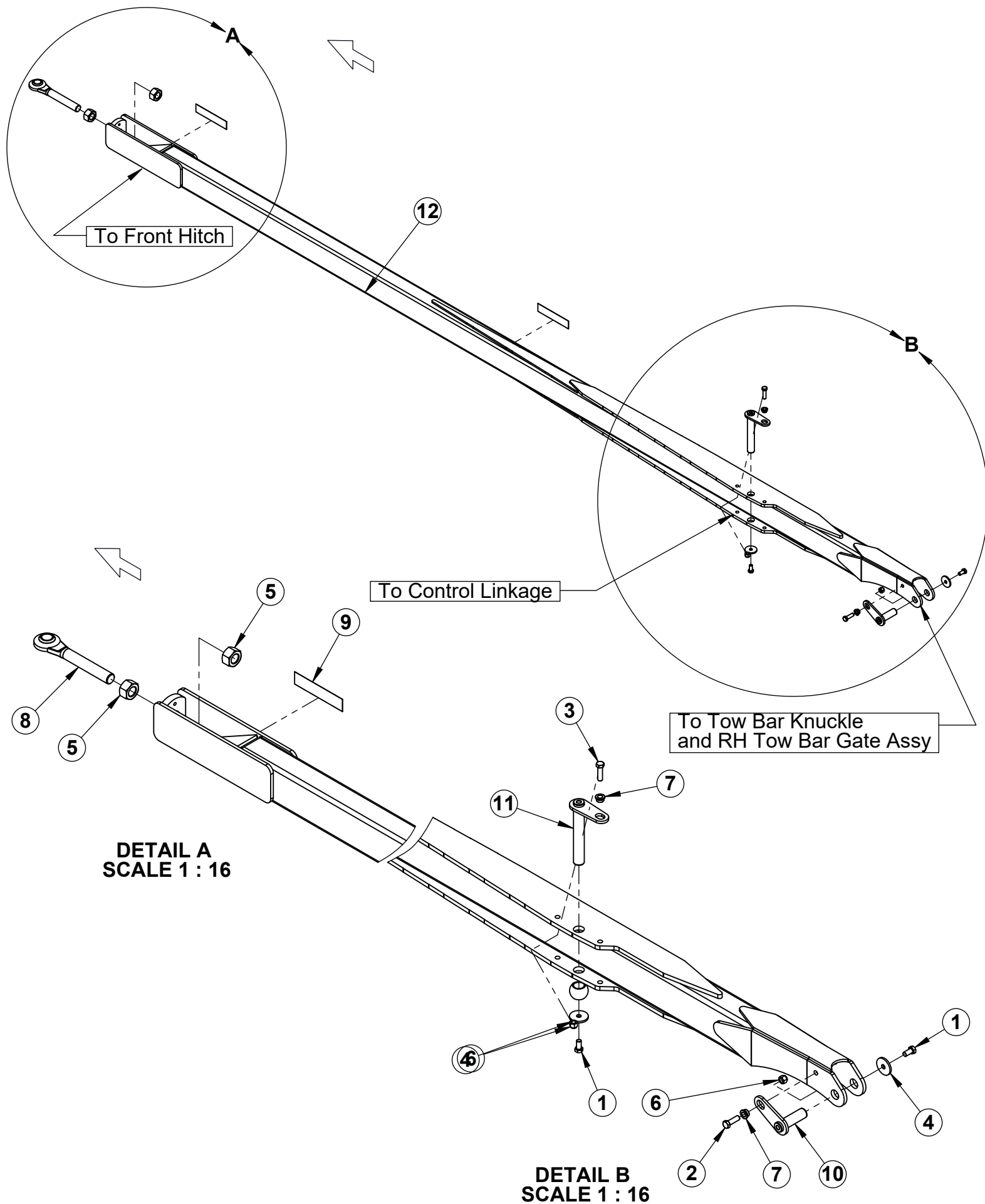
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TA00778 Assy, Tow Bar

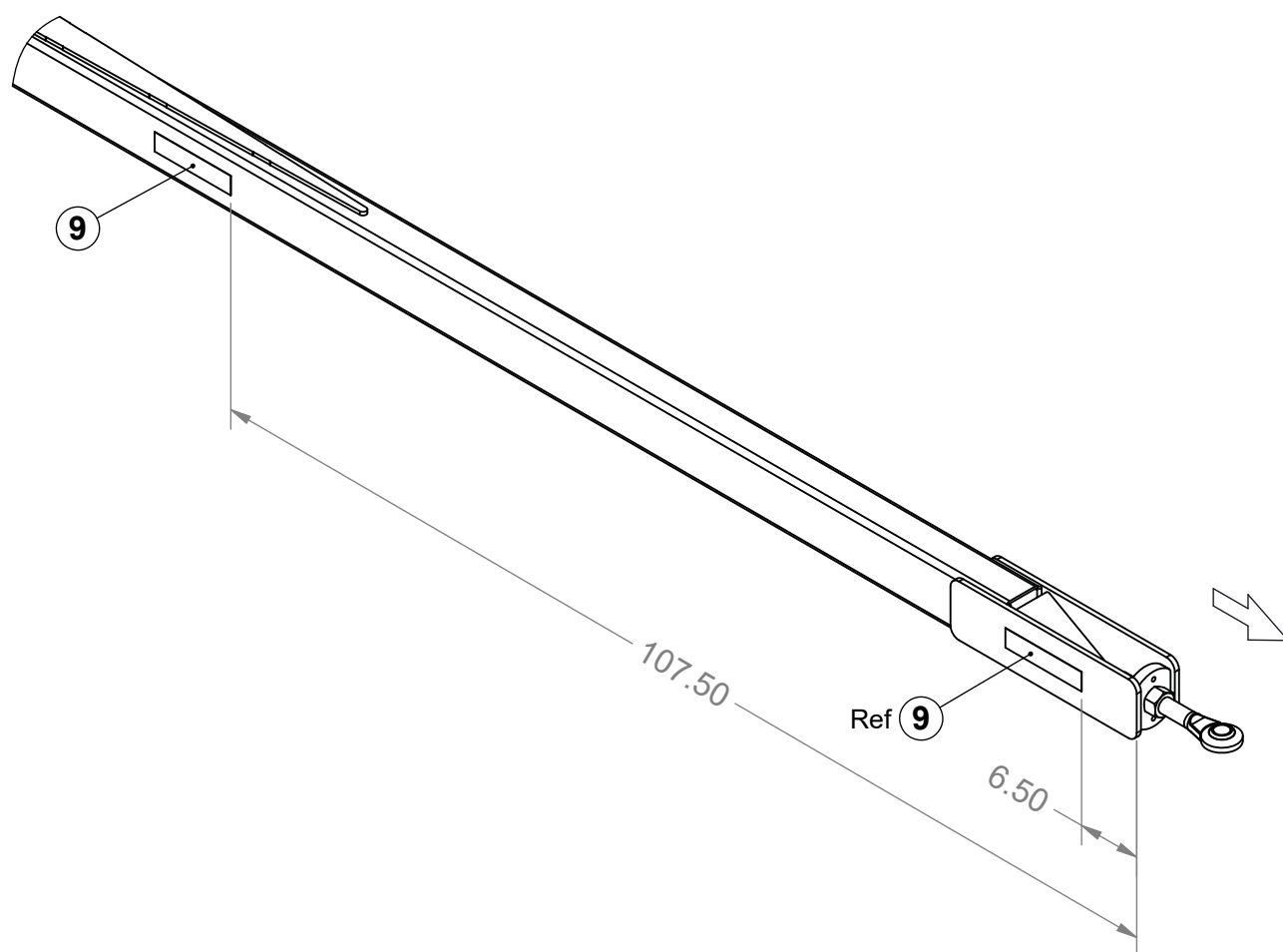
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	HBolt-0.6250-11x1.250-YZ8	Bolt, Hex Head-5/8-11x1.25-YZ8	1	
2	HBolt-0.6250-11x2.000-YZ8	Bolt, Hex Head-5/8-11x2-YZ8	1	
3	HD Washer 0.64 x 2.50	HD Washer 0.64 x 2.50	1	
4	HNut-1.5000-6-YZ8	Nut, Hex-1-1/2-6-YZ8	2	
5	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	1	
6	T0050854	Anti Rotation Insert	1	
7	T0051213	RH End Link	1	
8	T0051729	Decal, Reflector, Yellow-2x9	2	
9	TW000748	Tow Bar Weldment	1	
10	TW000763	Pin Weldment	1	



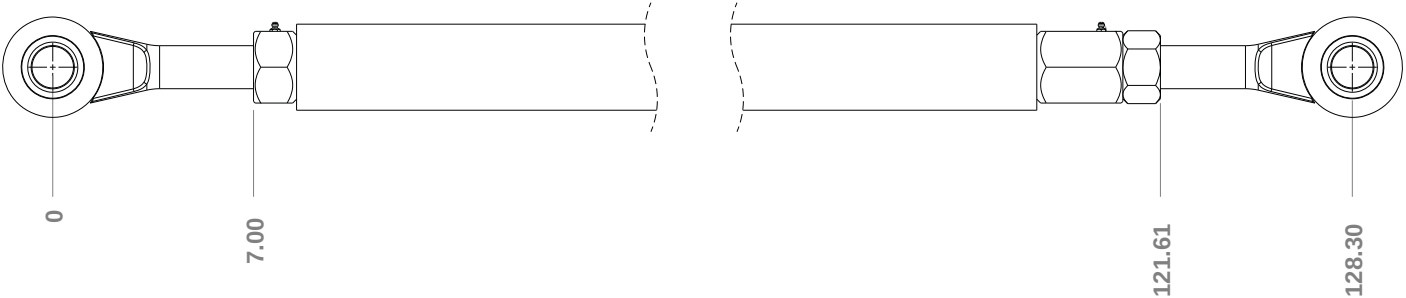
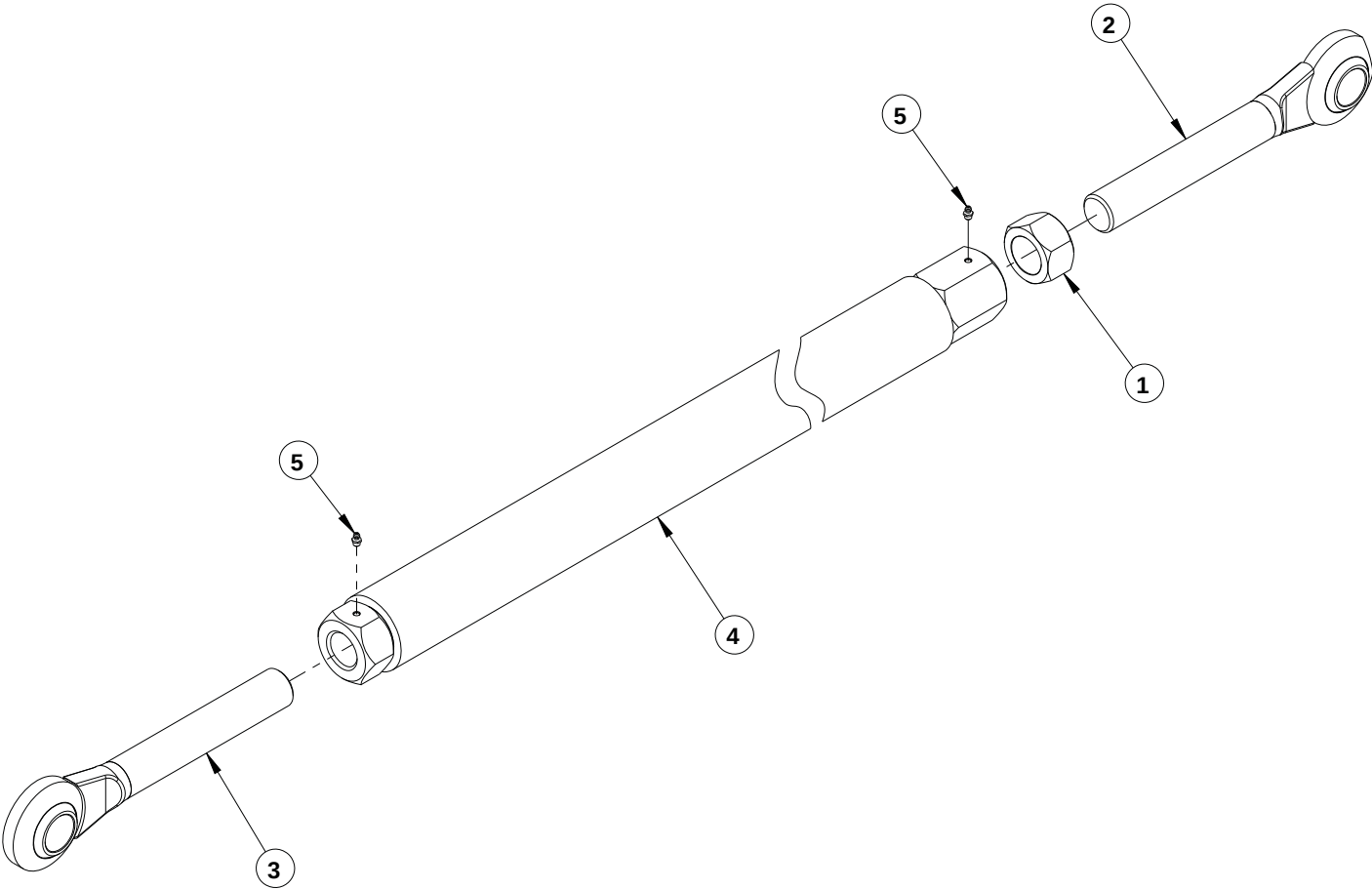


TA00814 Assy, Tow Bar - RH

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HB-0.625-11X1.25Y8	Bolt, Hex Hd 5/8-11x1-1/4 YZ8	2	
2	HB-0.625-11X2.00Y8	Bolt, Hex Hd 5/8-11x2 YZ8	1	
3	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	1	
4	HDWSH-0.64X2.50Y	HD Washer, 41/64x2-1/2 YZ	2	
5	HNUT-1.500-6Y8	Nut, Hex 1-1/2-6 YZ8	2	
6	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	2	
7	T0050854	Anti Rotation Insert	2	
8	T0051213	RH End Link	1	
9	90-44-0410	Decal, Reflector, Yellow-2x9	2	
10	TW000763	Pin Weldment	1	
11	TW000796	Pin Weldment	1	
12	TW001116	Wldmt, RH Tow Bar	1	



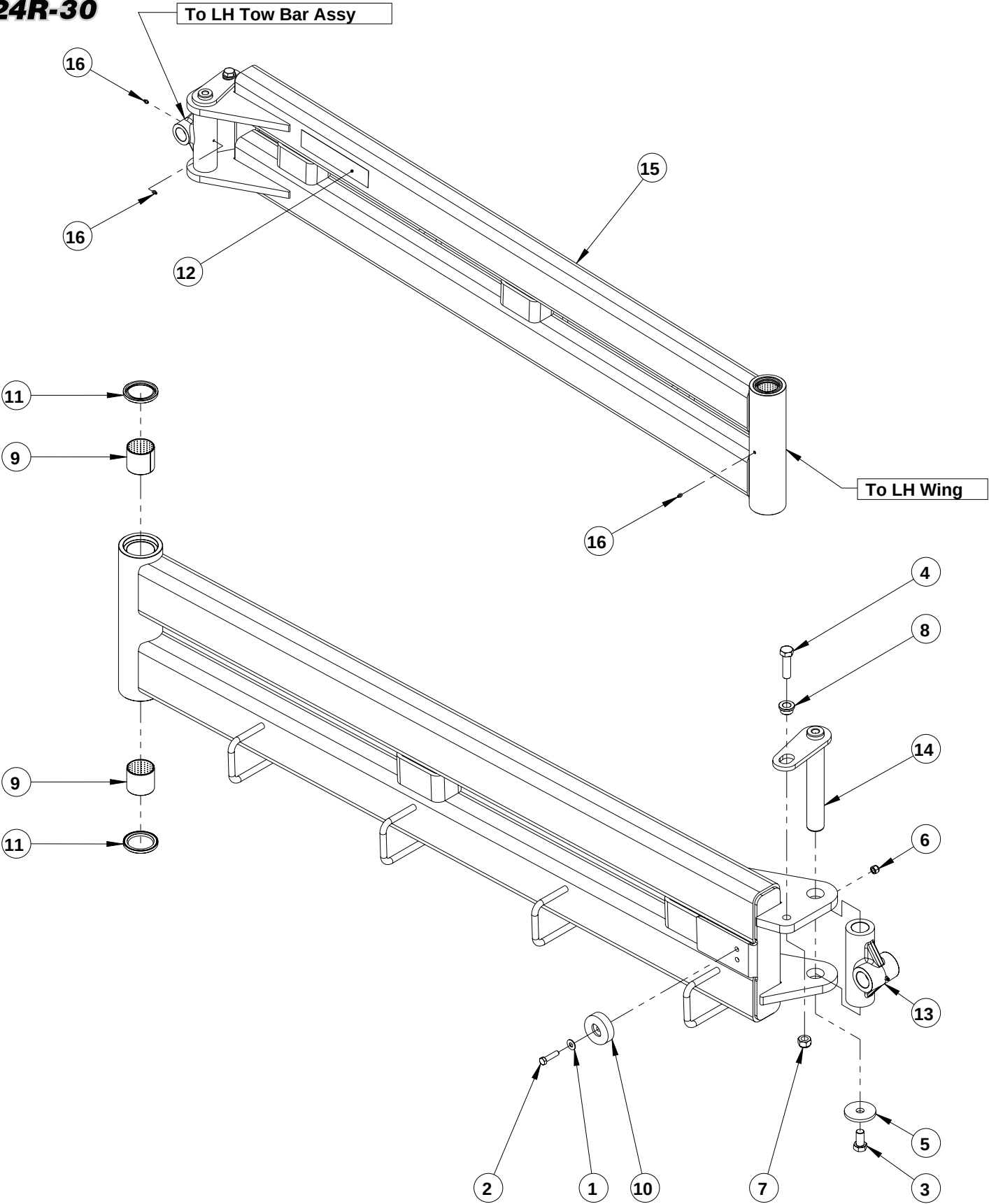
24R-30



TA00815 Control Link Assy

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HNut-1.5000-6-YZ8	Nut, Hex-1-1/2-6-YZ8	1	
2	T0051213	RH End Link	1	
3	T0051214	LH End Link	1	
4	TW000779	Control Link Weldment	1	
5	Zerk-0.2500-28	Zerk, 1/4-28	2	

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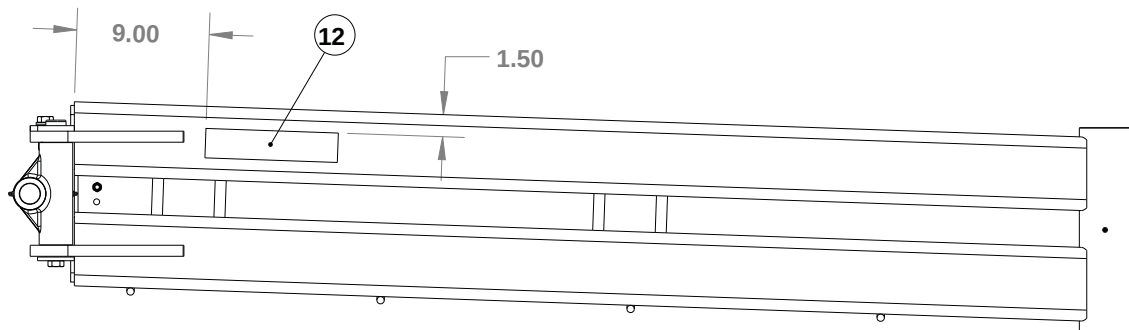
TA00844 Assy, Tow Bar Gate - LH

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-USS-0.313-YZ	Washer, Flat USS 5/16-YZ	1	
2	HBolt-0.3750-16x1.500-YZ8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	1	
3	HBolt-0.6250-11x1.250-YZ8	Bolt, Hex Head-5/8-11x1.25-YZ8	1	
4	HBolt-0.6250-11x2.250-YZ8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
5	HD Washer 0.64 x 2.50	HD Washer 0.64 x 2.50	1	
6	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	1	
7	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	1	
8	T0050854	Anti Rotation Insert	1	
9	T0050953	Stl Backed Brz Bearing 2.0 ID	2	
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	TW000774	Weldment, LH Towbar Gate	1	
16	Zerk-0.2500-28	Zerk, 1/4-28	3	

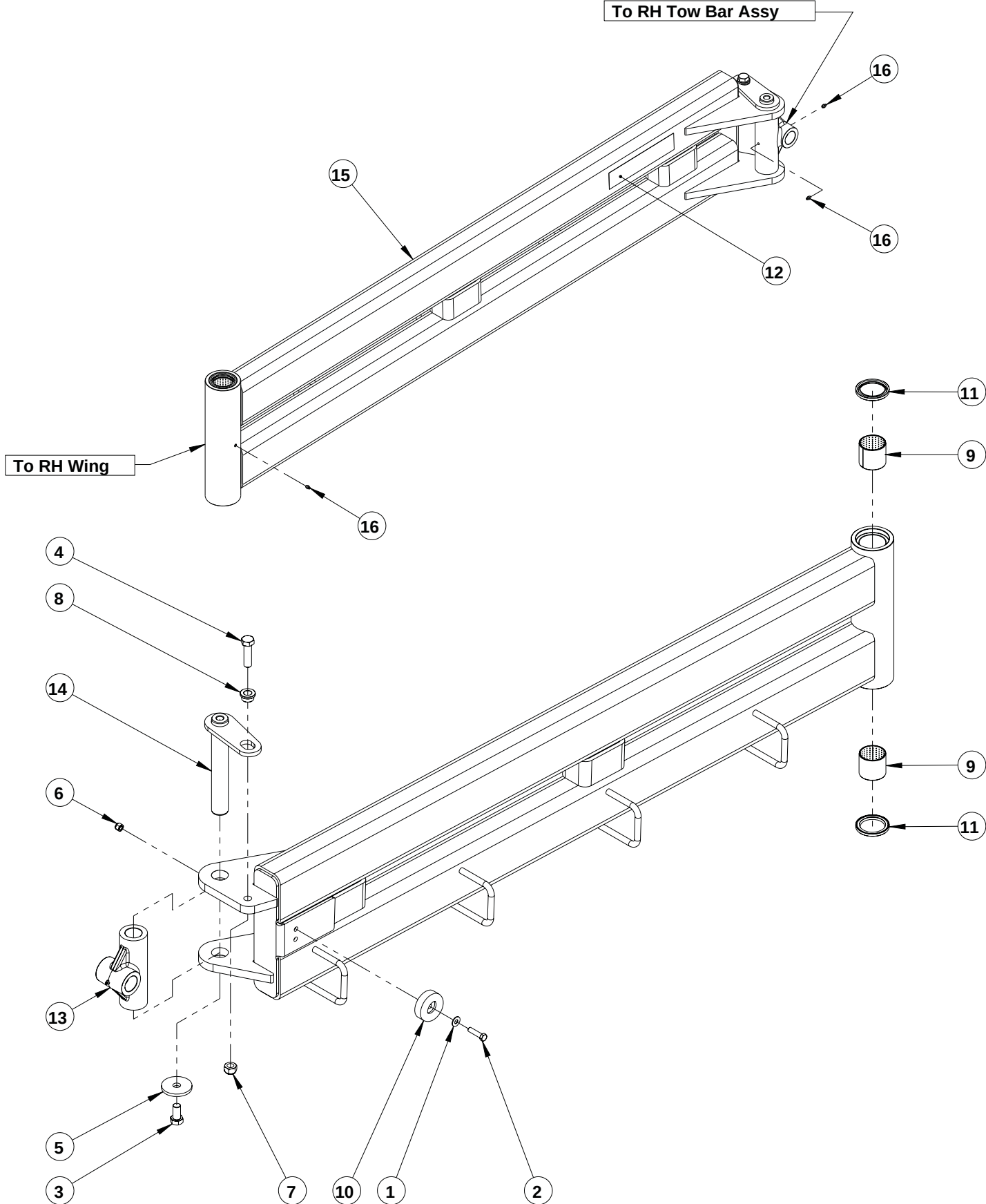
Note:

TL = Apply Threadlocker Loctite 242 or Equivalent

T = Torque Expressed in ft-lbs

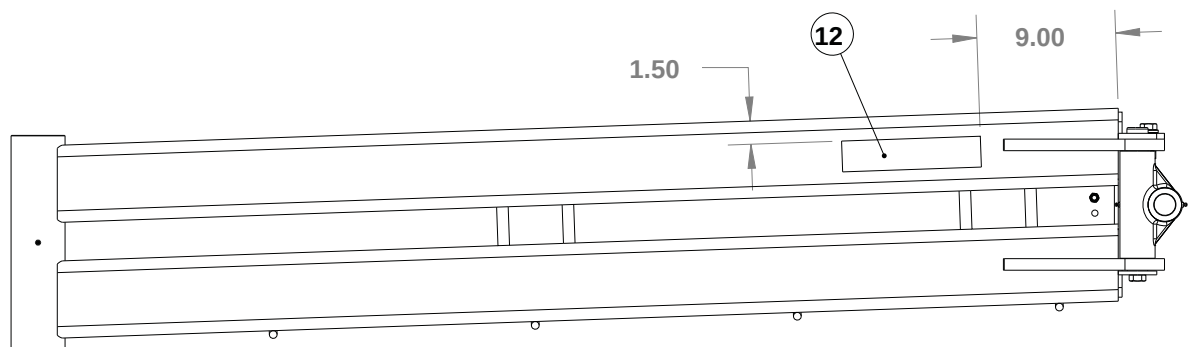


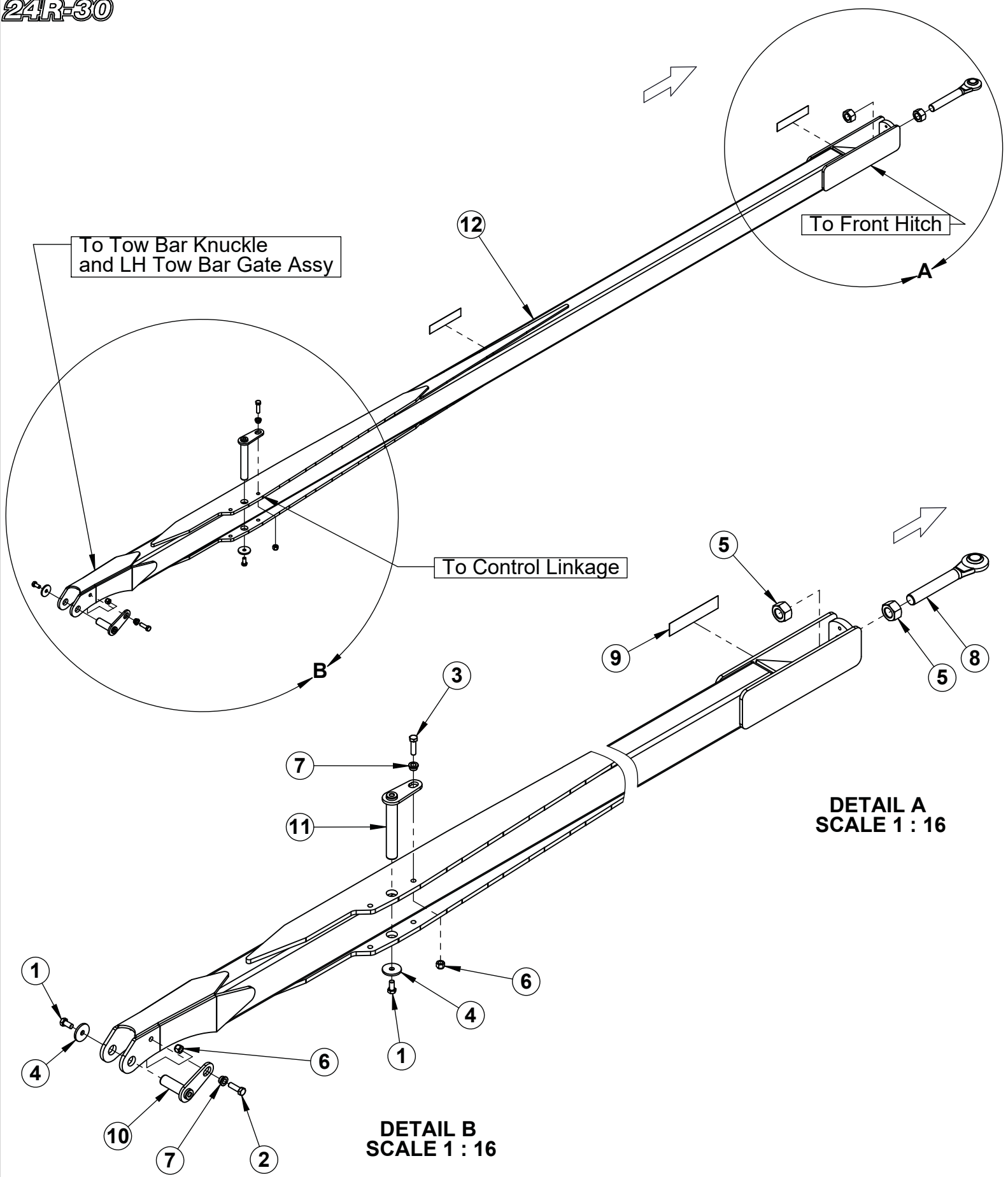
24R-30



TA00845 Assy, Tow Bar Gate - RH

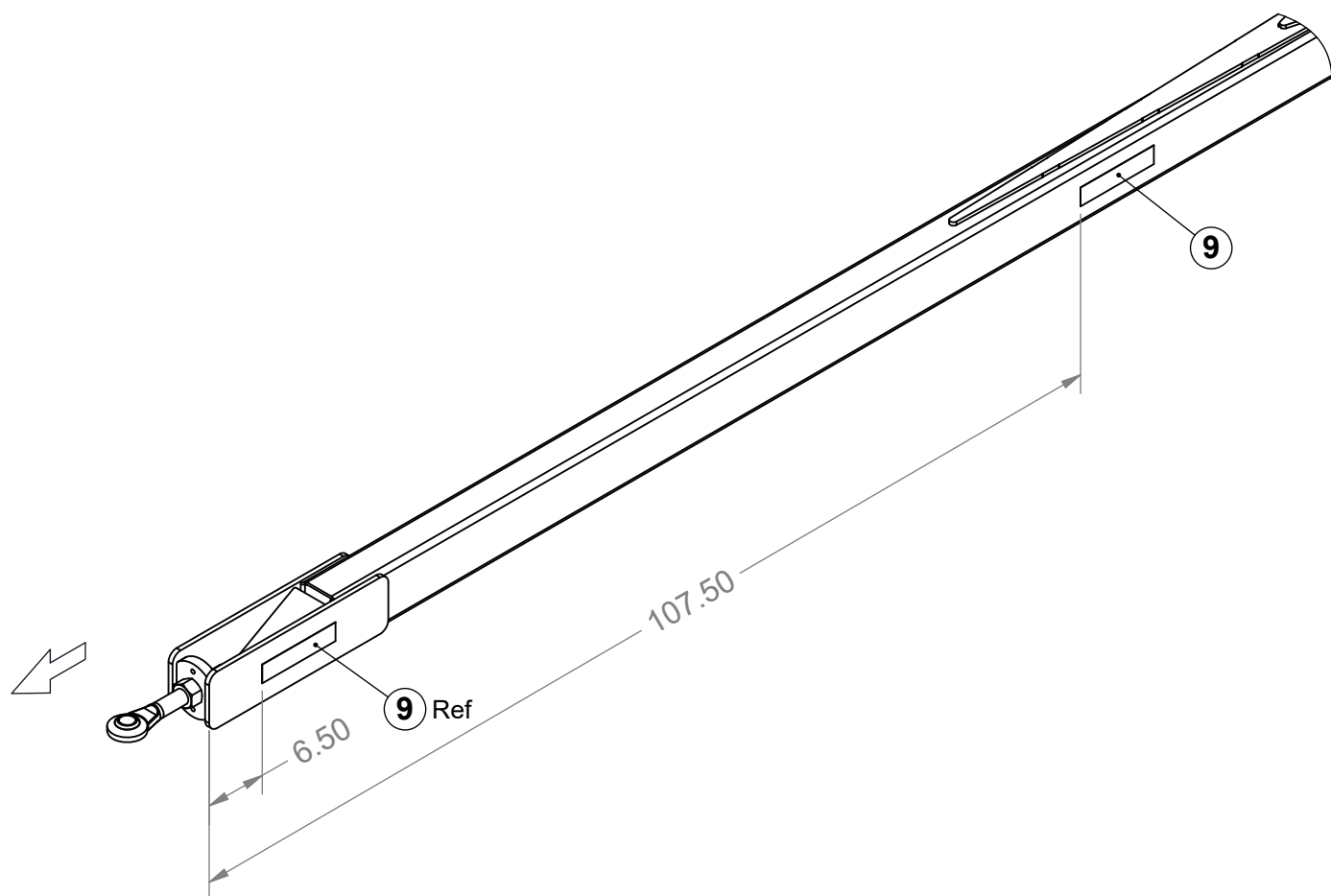
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-USS-0.313-YZ	Washer, Flat USS 5/16-YZ	1	
2	HBolt-0.3750-16x1.500-YZ8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	1	
3	HBolt-0.6250-11x1.250-YZ8	Bolt, Hex Head-5/8-11x1.25-YZ8	1	
4	HBolt-0.6250-11x2.250-YZ8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
5	HD Washer 0.64 x 2.50	HD Washer 0.64 x 2.50	1	
6	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	1	
7	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	1	
8	T0050854	Anti Rotation Insert	1	
9	T0050953	Stl Backed Brz Bearing 2.0 ID	2	
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	TW000792	Weldment, RH Towbar Gate	1	
16	Zerk-0.2500-28	Zerk, 1/4-28	3	

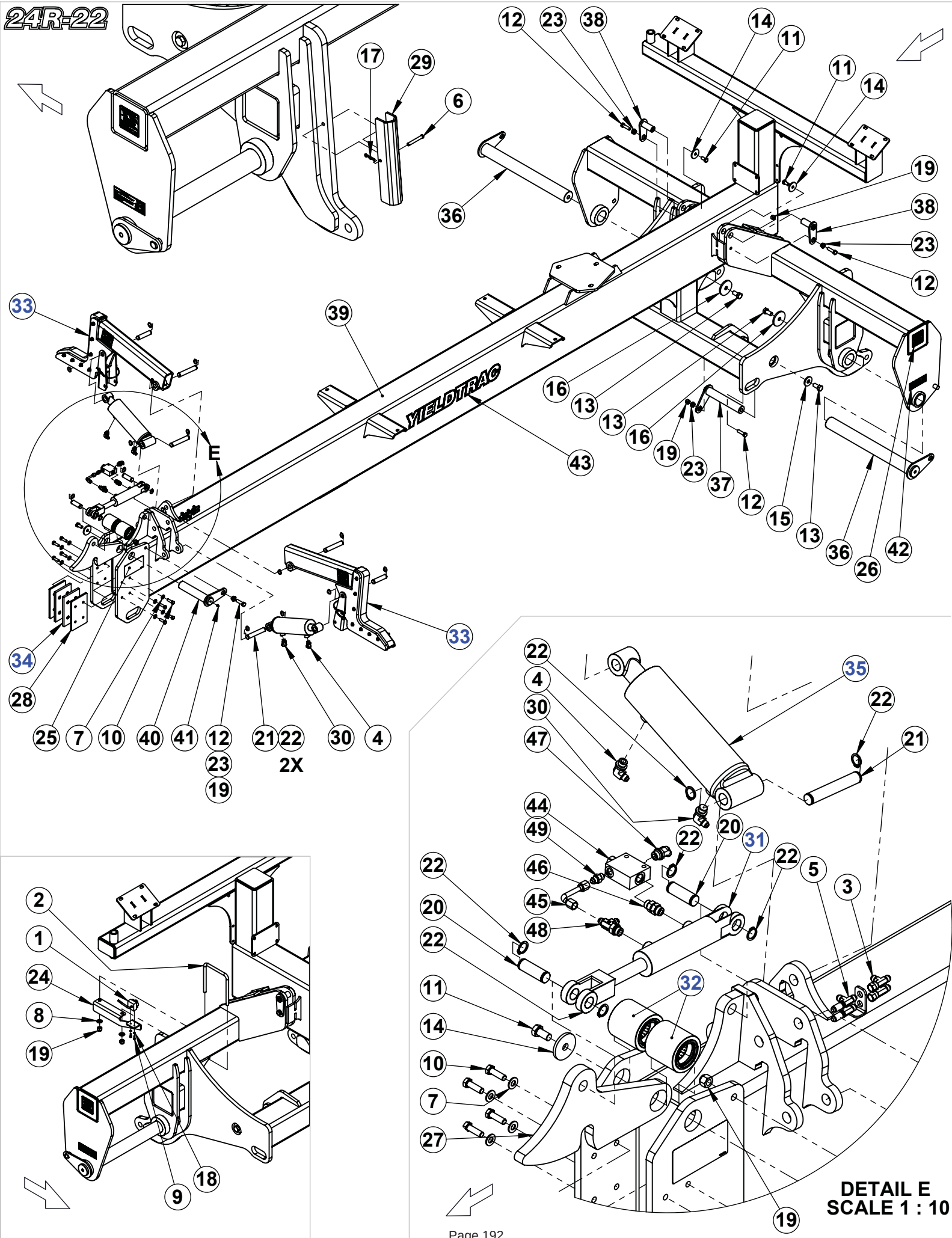




TA00846 Assy, Tow Bar - LH

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HB-0.625-11X1.25Y8	Bolt, Hex Hd 5/8-11x1-1/4 YZ8	2	
2	HB-0.625-11X2.00Y8	Bolt, Hex Hd 5/8-11x2 YZ8	1	
3	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	1	
4	HDWSH-0.64X2.50Y	HD Washer, 41/64x2-1/2 YZ	2	
5	HNUT-1.500-6Y8	Nut, Hex 1-1/2-6 YZ8	2	
6	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	2	
7	T0050854	Anti Rotation Insert	2	
8	T0051213	RH End Link	1	
9	90-44-0410	Decal, Reflector, Yellow-2x9	2	
10	TW000763	Pin Weldment	1	
11	TW000796	Pin Weldment	1	
12	TW001119	Wldmt, LH Tow Bar	1	



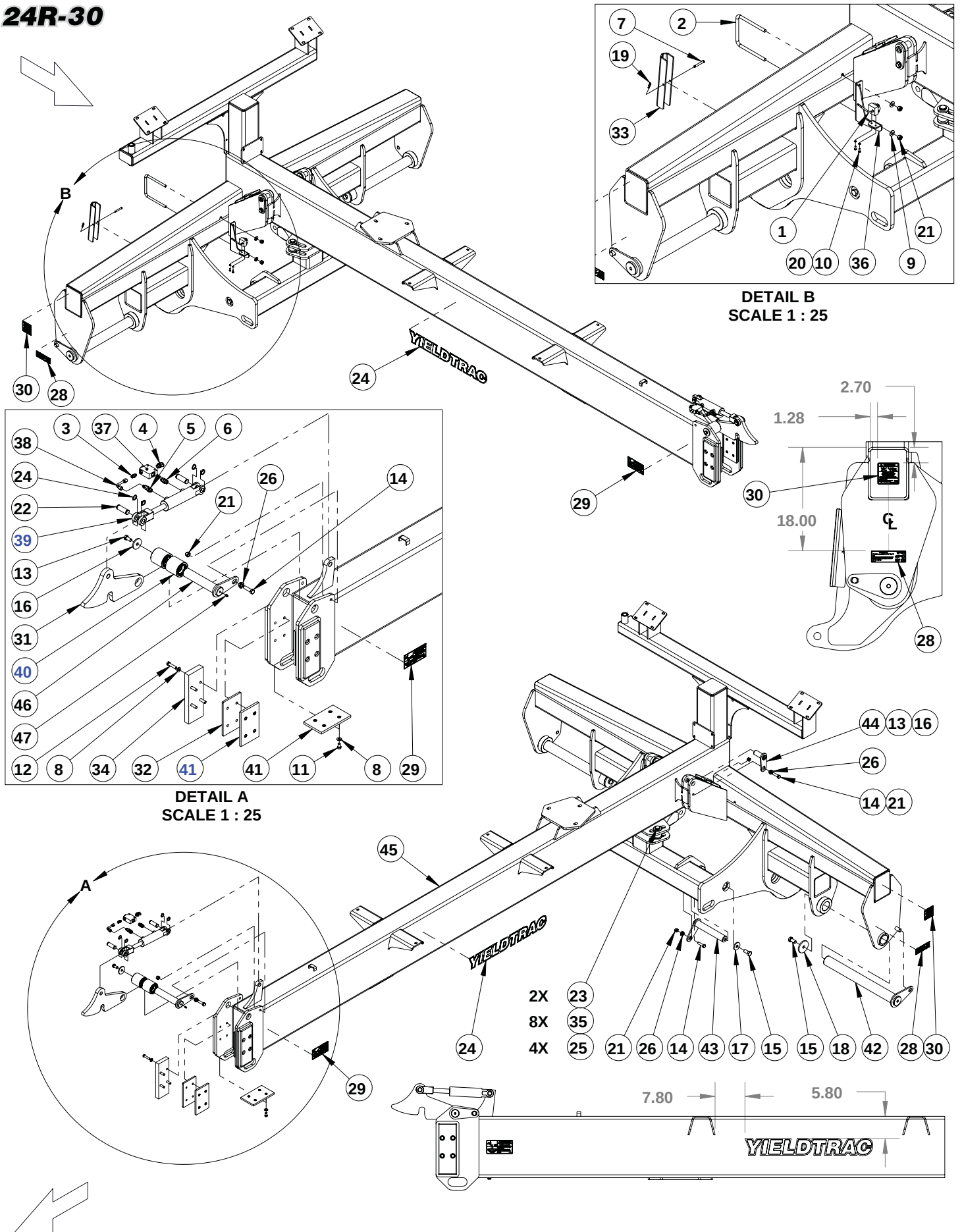


TA00715 Track Carrier

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	404202A1	Sensor, Rotary Position (CIH Kit)	1	
2	1250813C1	U Bolt	1	
3	AD-06MJ-06FJX-06MJ	Adapter, 06MJ-06FJX-06MJ Tee	2	
4	AD-06MJ-08MB-90	Adapter, 06MJ-08MB 90	2	
5	AD-06MJ-06MJ-06MJ-BHR	Adapter, 06MJ-06MJ-06MJ BH Run	2	
6	CLPIN-0.375X2.75Y	Clevis Pin, 3/8x2-3/4 YZ	2	
7	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	8	
8	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	2	
9	HB-0.250-20X0.75Y8	Bolt, Hex Hd 1/4-20x3/4 YZ8	2	
10	HB-0.500-13X1.63Y8	Bolt, Hex Hd 1/2-13x1-5/8 YZ8	8	
11	HB-0.625-11X1.25Y8	Bolt, Hex Hd 5/8-11x1-1/4 YZ8	3	
12	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	5	
13	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4 YZ8	4	
14	HDWSH-0.64X2.50Y	HD Washer, 41/64x2-1/2 YZ	3	
15	HDWSH-0.89X2.50Y	HD Washer, 57/64x2-1/2 YZ	2	
16	HDWSH-0.89X4.00Y	HD Washer, 57/64x4 YZ	2	
17	HPINCLIP-0.313Y	Hair Pin Clip, 5/16 YZ	2	
18	LW-0.250Y	Washer, Split Lock 1/4 YZ	2	
19	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	7	
20	PIN-1.000X2.63Y	Pin, 1x2-5/8 YZ	2	
21	PIN-1.000X5.75Y	Pin, 1x5-3/4 YZ	2	
22	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	8	
23	T0050854	Anti Rotation Insert	5	
24	T0051208	Brckt, Position Sensor Mtg	1	
25	T0051588	Decal, Warning - Crush Hazard	2	
26	T0051593	Decal, Warn-Crush Haz Mn Lift	2	
27	T0052003	Hook	1	
28	T0052289	Pad Frame Spacer	2	
29	T0052347	Channel - Transport Lock	2	
30	T0052369	ADAPTER 06MJ-08MB 90 W/ORF	2	
31	TA00632	Cylinder, Hyd 2.00X4.00	1	
32	TA00763	Hitch Roller Assy	2	
33	TA00782	Cradle Lift Assy	2	
34	TA00801	Assy, Slider	2	
35	TA00842	Cylinder, Hyd 3.50X8.00	2	
36	TW000584	Pin Weldment	2	
37	TW000615	Pin Weldment	2	
38	TW000630	Pin Weldment	2	
39	TW000698	Track Mount Weldment	1	
40	TW000773	Pin Weldment	1	
41	ZERK-0.125-27-NPT	Zerk, 1/8-27 NPT	1	
42	47450633	Decal, 175 Lug Torque	2	
43	T0054236	Decal, Yieldtrac 4.4x33.3	2	
44	T0052934	Valve, PO Check	1	
45	T0052935	Tube Assy, PO Check	1	
46	AD-08MB-08MB	Adapter, 08MB-08MB	1	
47	AD-06MJ-08MB-45	Adapter, 06MJ-08MB 45	1	
48	AD-06MJ-08MB-06MJ	Adapter, 06MJ-08MB-06MJ Tee	1	
49	AD-06MJ-06MB	Adapter, 06MJ-06MB	1	

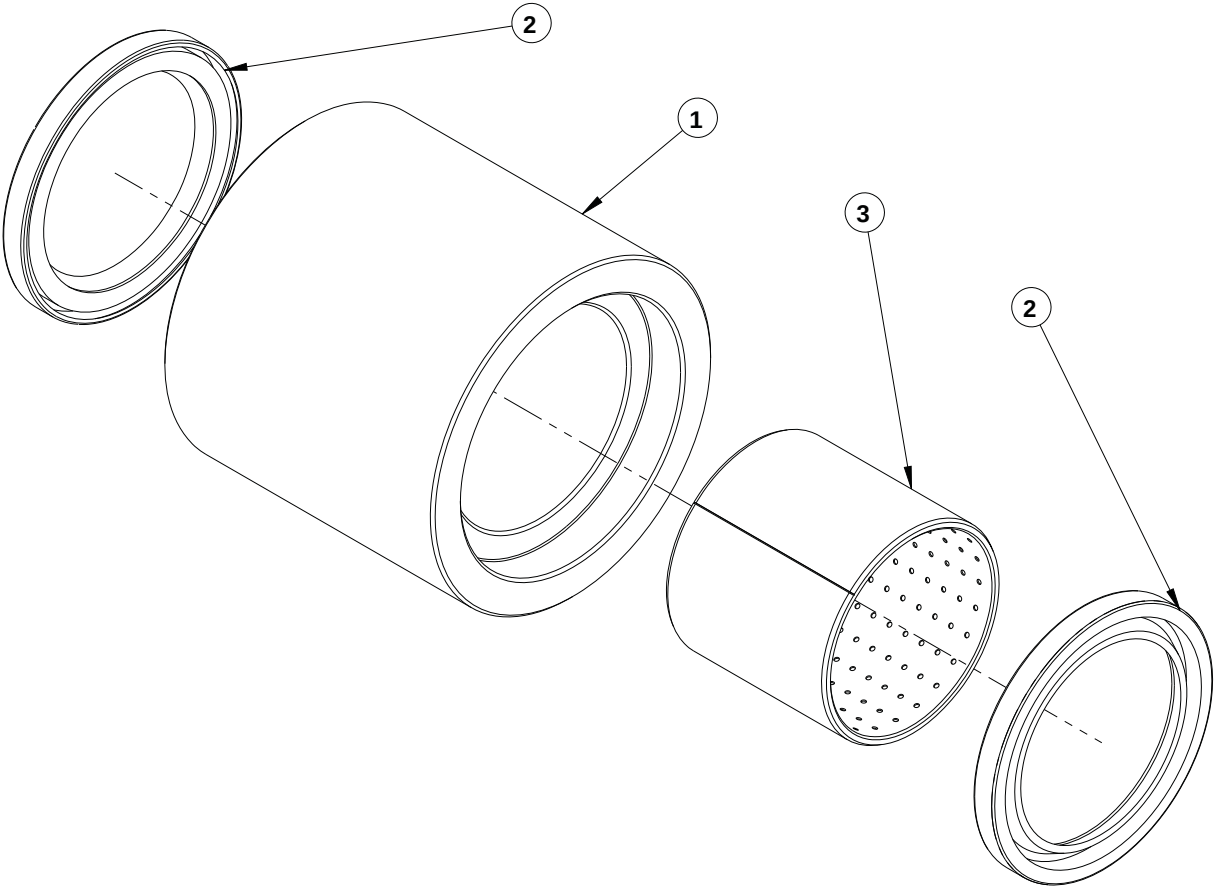
Note:
 *Items marked with an asterisk are items that are included in that particular part or assembly.

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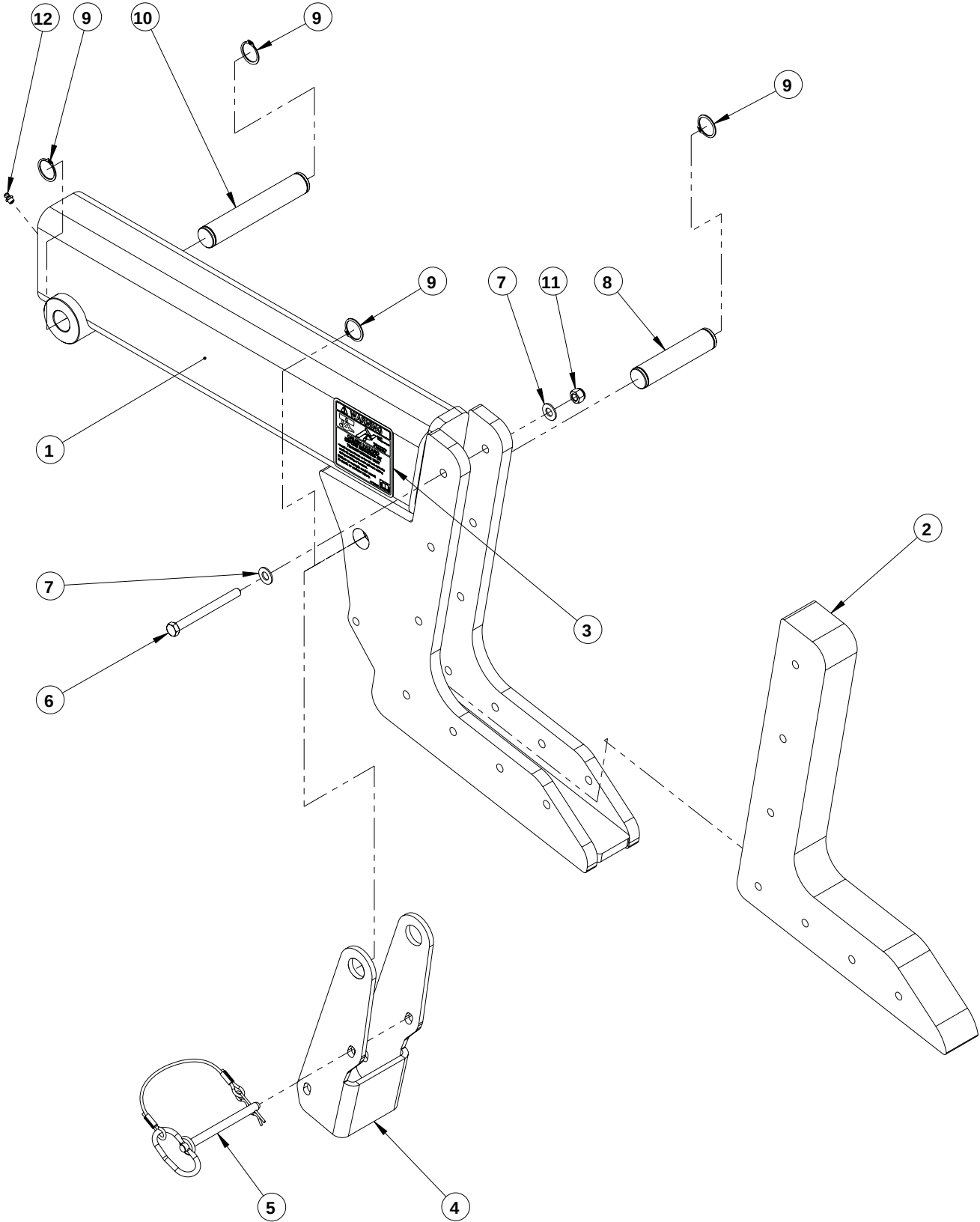
TA00785 24R30 Track Carrier				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	404202A1	Sensor Rotary Position	1	
2	1250813C1	U Bolt	1	
3	AD-06MJ-06MB	ADAPTER 06MJ-06MB	1	
4	AD-06MJ-08MB-45	ADAPTER 06MJ-08MB 45	1	
5	AD-06MJ-08MB-06MJ	ADAPTER 06MJ-08MB-06MJ TEE	1	
6	AD-08MB-08MB	ADAPTER 08MB-08MB	1	
7	CLPIN-0.375X2.75Y	Clevis Pin, Ø3/8" X 2-3/4" YZ	2	
8	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	12	
9	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	2	
10	HB-0.250-20X0.75Y8	Bolt, Hex Hd 1/4-20x3/4-YZ8	2	
11	HB-0.500-13X0.88Y8	Bolt, Hex Hd 1/2-13x7/8 YZ8	4	
12	HB-0.500-13X2.25Y8	Bolt, Hex Hd 1/2-13x2-1/4 YZ8	8	
13	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-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	4	
16	HDWSH-0.64X2.50Y	HD Washer 0.64 x 2.50	3	
17	HDWSH-0.89X2.50Y	HD Washer 0.89 x 2.50	2	
18	HDWSH-0.89X4.00Y	HD Washer .875 x 4.0	2	
19	HPINCLIP-0.313 YZ	Hair Pin Clip-Ø5/16" YZ	2	
20	LW-0.250Y	Washer, Split Lock 1/4" YZ	2	
21	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	7	
22	PIN-1.000X2.63Y	PIN-1.000X2.63Y	2	
23	PIN-1.438X4.25Y	Pin-1.4375x4.250-YZ	2	
24	SRING-EXT-HD-1.00Y	SRING-EXT-HD-1.00Y	4	
25	SRING-EXT-1.44	1-7/16" External Snap Ring	4	
26	T0050854	Anti Rotation Insert	5	
24	T0054236	Decal, Yieldtrac 4.4x33.3	2	
28	T0054255	Decal, 175 Lug Torque	2	
29	T0051588	Decal, Warning - Crush Hazard	2	
30	T0051593	Decal, Warn-Crush Haz Mn Lift	2	
31	T0052003	Hook	1	
32	T0052289	Pad Frame Spacer	2	
33	T0052347	Channel - Transport Lock	2	
34	T0052579	Slider Block	2	
35	T0052610	Washer, Control Link	8	
36	T0052662	Bracket, Position Sensor	1	
37	T0052934	Valve, PO Check	1	
38	T0052935	Tube Assy, PO Check	1	
39	TA00632	Cylinder, Hyd 2.00X4.00	1	
40	TA00763	Hitch Roller Assy	2	
41	TA00801	Assy, Slider	3	
42	TW000584	Pin Weldment	2	
43	TW000615	Pin Weldment	2	
44	TW000630	Pin Weldment	2	
45	TW000759	Track Mount Weldment	1	
46	TW000773	Pin Weldment	1	
47	ZERK-0.125-27-NPT	Zerk,-1/8-27-NPT	1	

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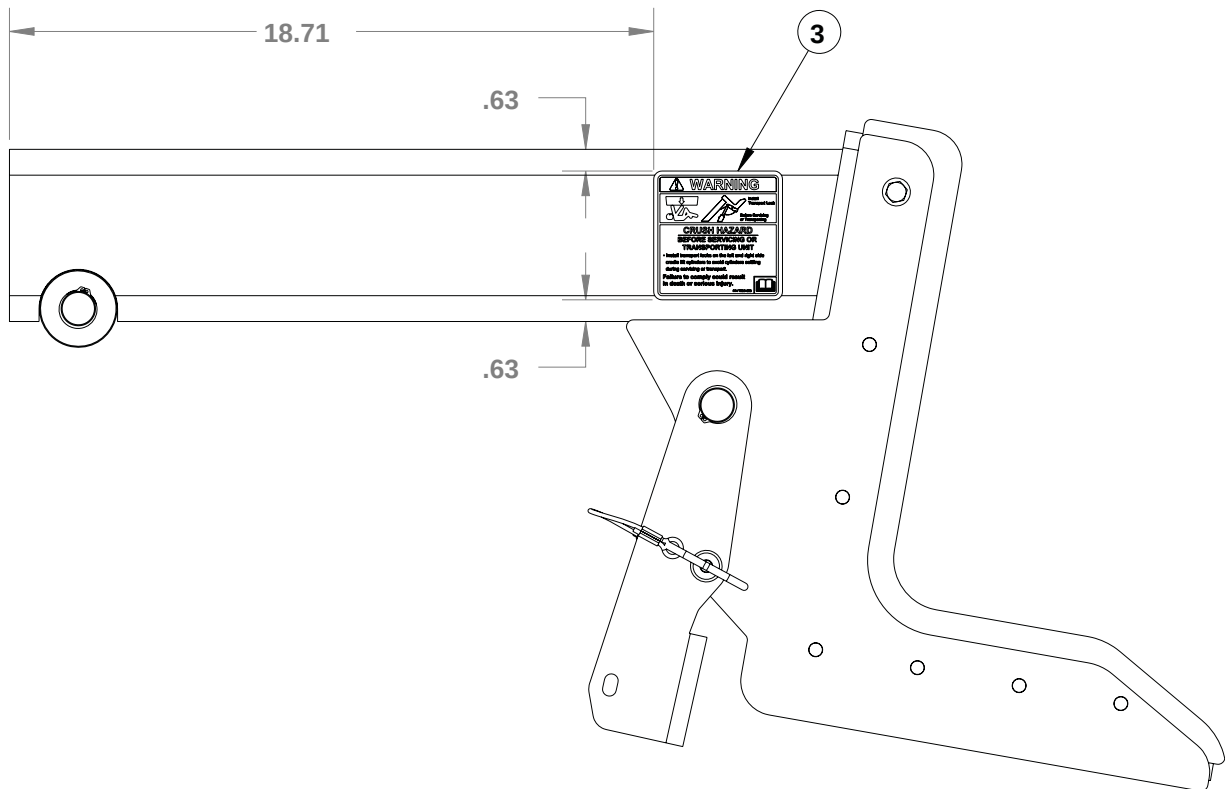
TA00763 Hitch Roller Assy				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0052004	Roller Hitch	1	
2	T0051585	2.00 Grease Seal	2	
3	T0050953	Stl Backed Brz Bearing 2.0 ID	1	

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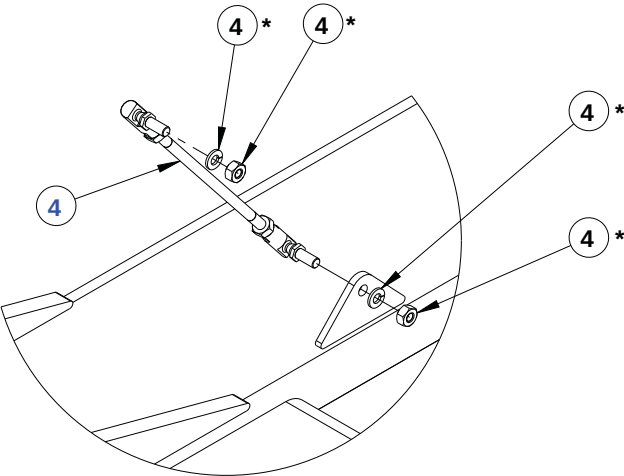
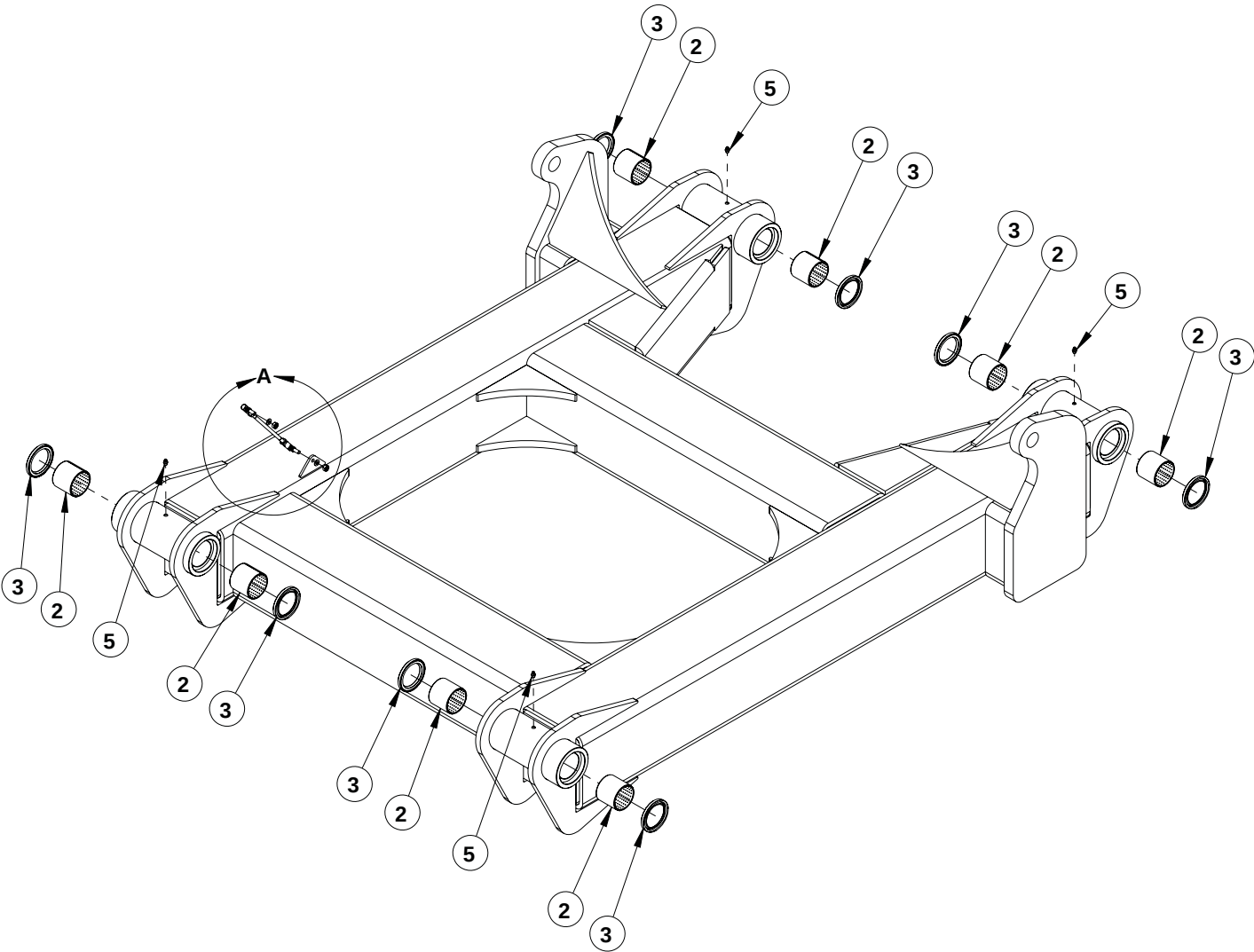


TA00782 Cradle Lift Assy

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW000700	Cradle Lift Arm Weldment	1	
2	T0051012	Glider	1	
3	T0051686	Decal, Warn-Crush Haz Lift Cyl	1	
4	T0051273	Cradle Lift Cylinder Stop	1	
5	TA00659	Assy, Hitch Pin w Lanyard	1	
6	HBolt-0.3750-16x4.000-YZ8	HBolt-0.3750-16x4.000-YZ8	7	
7	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	14	
8	Pin-1.0000x4.125-YZ	Pin-1.0000x4.125-YZ	1	
9	SRing-Ext-1.000	Ring, Retaining Ext Shaft-1.0"	4	
10	Pin-1.0000x5.750-YZ	Pin-1.0000x5.750-YZ	1	
11	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	7	
12	Zerk-0.2500-28	Zerk, 1/4-28	1	



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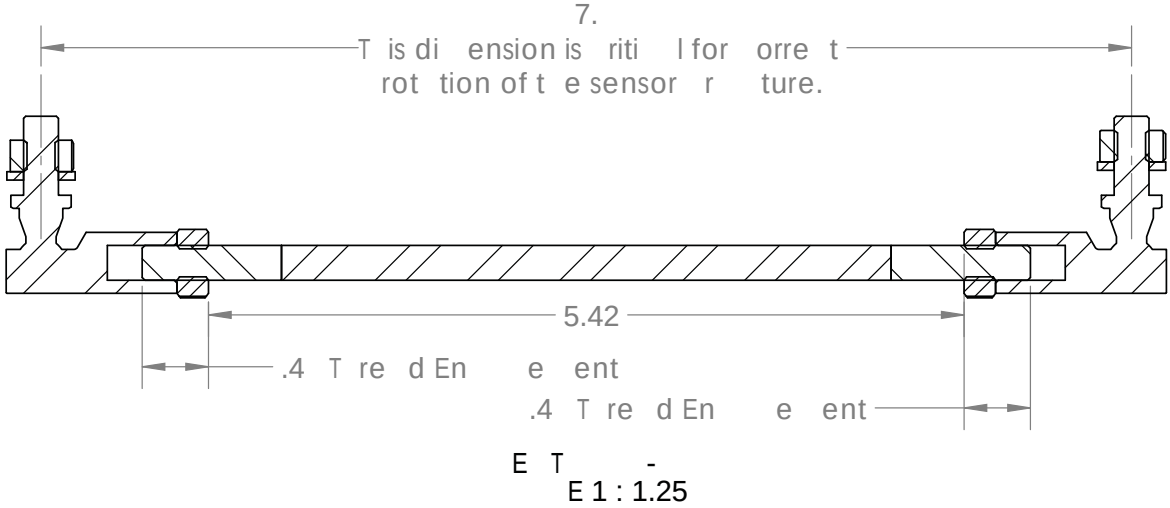
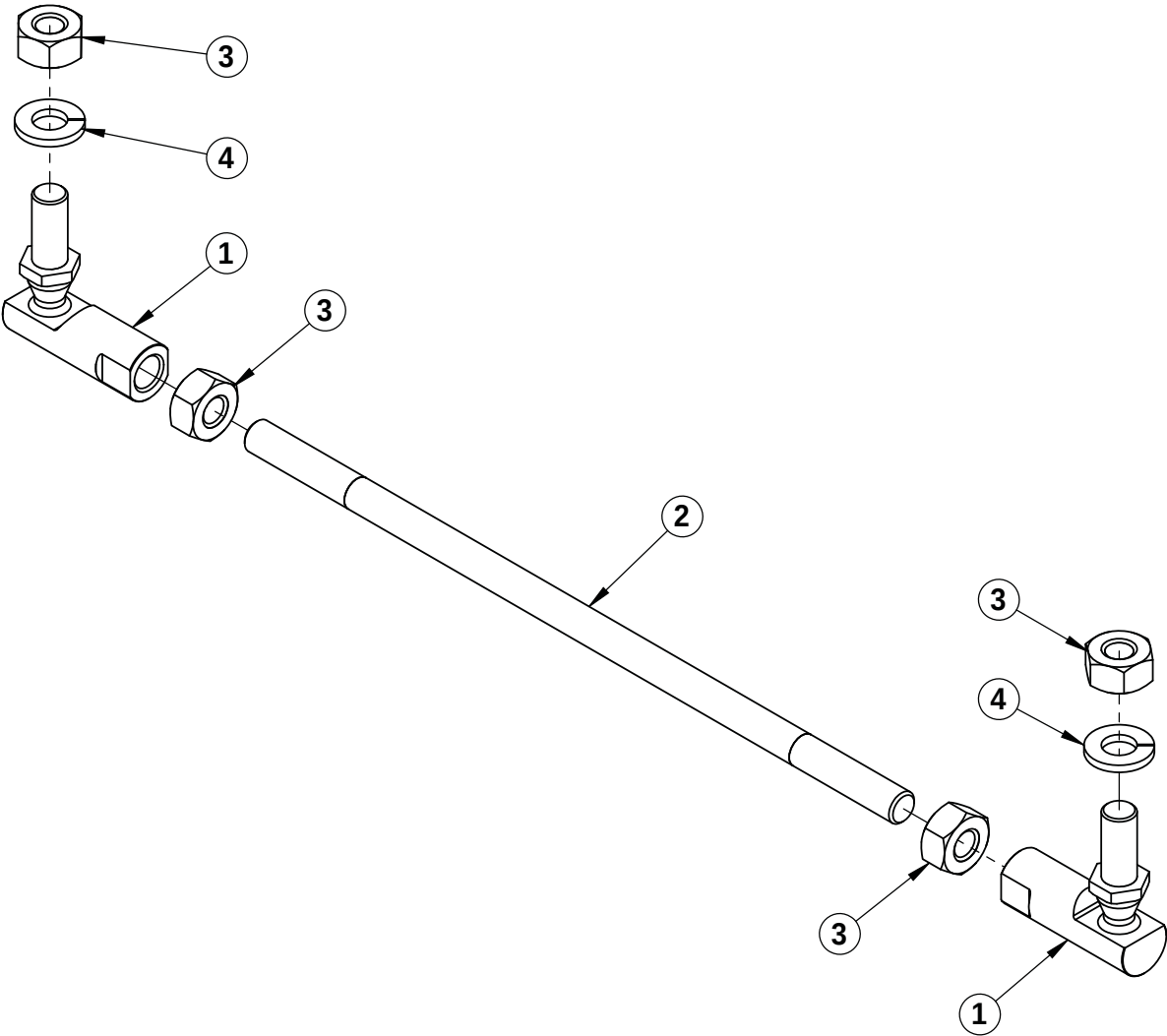
DETAIL A
SCALE 1 : 4

TA00766 Main Lift Assy				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TW000730	Lift Weldment	1	
2	T0050953	Stl Backed Brz Bearing 2.0 ID	8	
3	T0051585	2.00 Grease Seal	8	
4	TA00630	Assy, Position Sensor Link	1	
5	Zerk-0.2500-28	Zerk, 1/4-28	4	

Notes:

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

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TA00630 Assy, Position Sensor Link

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	BJoint-0.2500-28x90-YZ	BJoint-0.2500-28x90-YZ	2	
2	BJoint-Rod-0.2500-28x6.375-YZ	BJoint-Rod-0.2500-28x6.375-YZ	1	
3	HNut-0.2500-28-YZ8	HNut-0.2500-28-YZ8	4	
4	LW-0.2500-YZ	LW-0.2500-YZ	2	

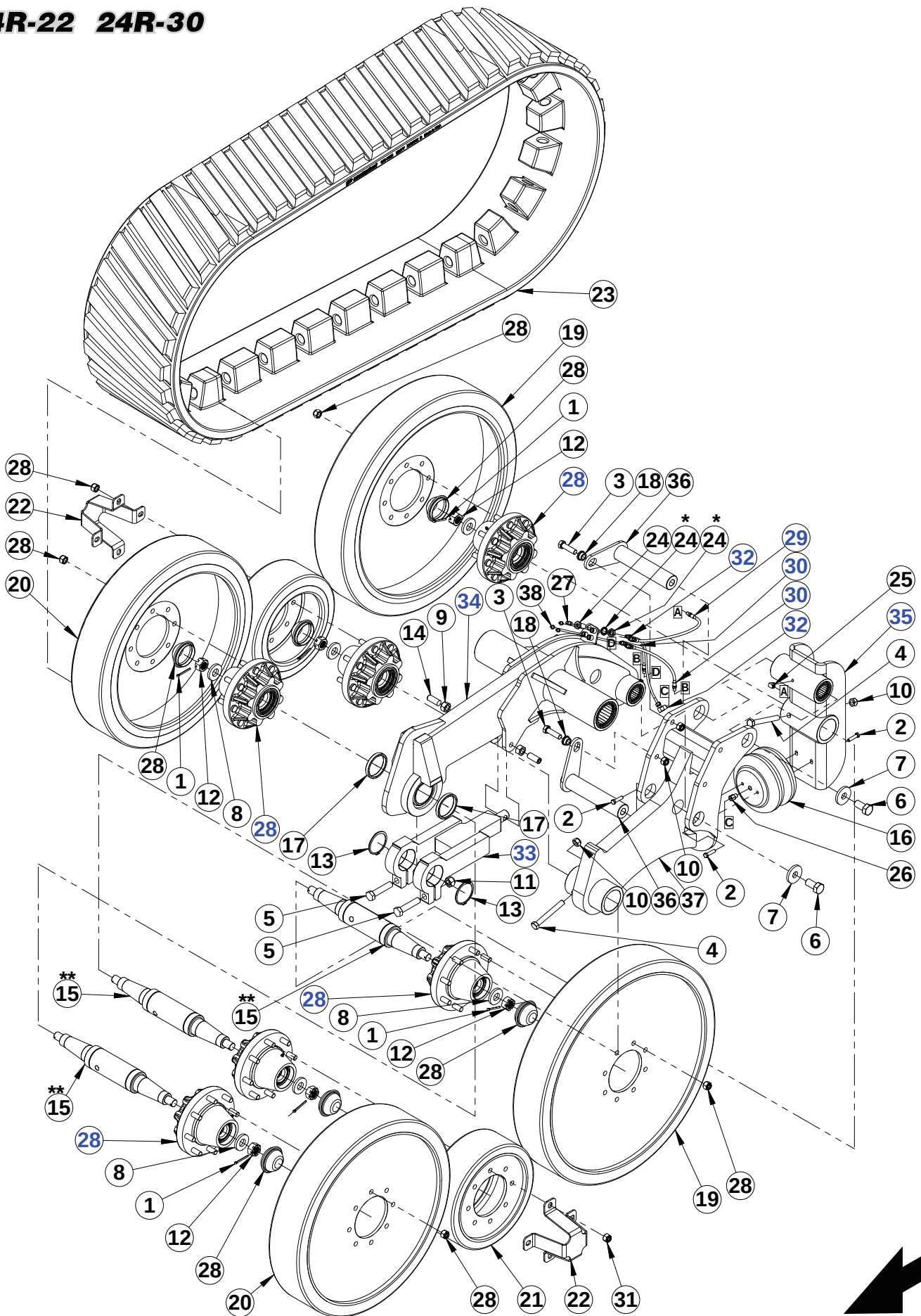


TA00583 Track Assy, LH				
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (FT-LBS)
1	CotterPin-.1875X2.000	COTTER PIN, 1/8 X 1, SST	6	
2	HBolt-0.3750-16x1.500-YZ8	HBolt-0.3750-16x1.500-YZ8	4	
3	HBolt-0.6250-11x2.250-YZ8	HBolt-0.6250-11x2.250-YZ8	2	
4	HBolt-0.6250-11x5.000-YZ8	HBolt-0.6250-11x5.000-YZ8	2	
5	Hbolt-0.7500-10x3.500-YZ8	Hbolt-0.7500-10x3.500-YZ8	2	
6	HBolt-0.8750-9x1.750-YZ8	HBolt-0.8750-9x1.750-YZ8	2	
7	HD Washer 0.89 x 2.50	HD Washer 0.89 x 2.50	2	
8	HD Washer 1.06 x 2.25-YZ	Washer, HDØ1.063XØ2.25X.313 YZ	6	
9	HNut-0.7500-10-YZ8	HNUT 0.7500-10-YZ8	2	
10	NLNut-0.6250-11-YZ8	NLNut-0.6250-11-YZ8	4	
11	NLNut-0.7500-10-YZ8	NLNut-0.7500-10-YZ8	2	
12	S-HNut-1.0000-14-CZ5	Nut, Slotted Hex 1.00-14 CZ5	6	
13	SRing-Ext-3.000	SRing-Ext-3.000	2	
14	SScrew-0.7500-10x2.0-B8	SScrew-0.7500-10x2.0-B8	2	
15	T0050278	Axle, Track Undercarriage	3	
16	T0050294	Air Spring	1	
17	T0050850	Spacer, Ø3.0in ID	2	
18	T0050854	Anti Rotation Insert	2	
19	T0051017	Track, 16.5 x 187 LH Camoplast	1	
20	T0051018	32 Inch Idler Wheel	2	
21	T0051019	28 Inch Idler Wheel	2	
22	T0051023	15 Inch Idler Wheel	2	
23	T0051024	Grease Cap Keeper	2	
24	T0051684	Assy, Bulkhead	1	
25	T0051855	Elbow, Street - 1/8" NPT	1	
26	T0051858	Fitting, 1/4 FG-B	1	
27	T0051861	Valve, Air Stem w Cap	1	
28	TA00600	Idler Hub Assy	5	
29	TA00728	Assy, Grease Line 18"	1	
30	TA00729	Assy, Grease Line 12"	2	
31	TA00600	Idler Hub Assy	1	
32	TA00744	Assy, Track Tension Air Line	1	
33	TA00745	Assy, Steering	1	
34	TA00746	Assy, Undercarriage Main Beam	1	
35	TA00747	Assy, Rear Pivot	1	
36	TW000597	Pin Weldment	2	
37	TW000604	Pivot Arm Machined	1	
38	Zerk-0.1250-27-NPT	Zerk-0.1250-27-NPT	3	

Note:

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

** Coat outside center 6.5" Length of axle P/N T0050278 with Anti-Seize before assembly.

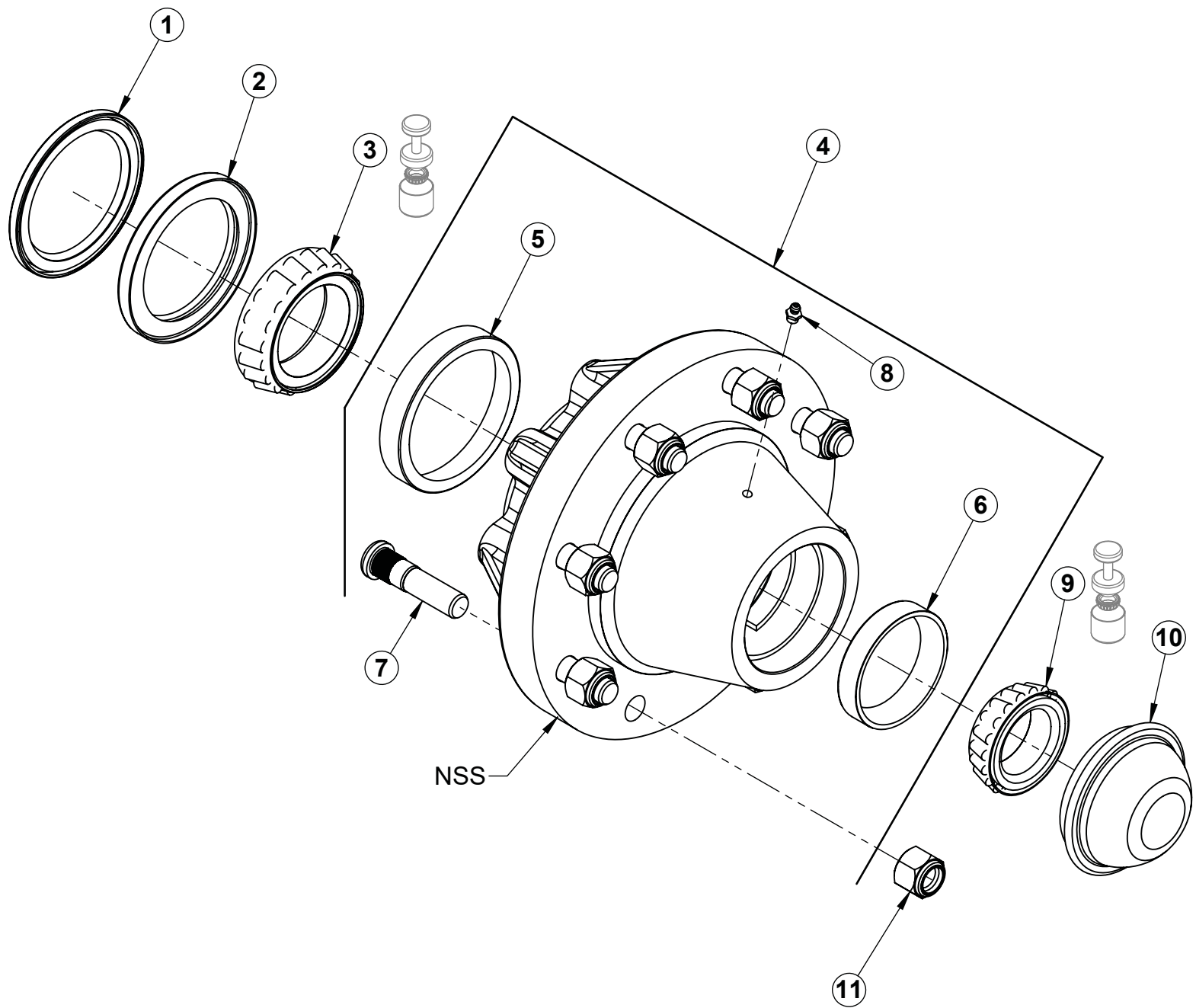


TA00647 Track Assy, RH				
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	CotterPin-.1875X2.000	COTTER PIN, 1/8 X 1, SST	6	
2	HBolt-0.3750-16x1.500-YZ8	HBolt-0.3750-16x1.500-YZ8	4	
3	HBolt-0.6250-11x2.250-YZ8	HBolt-0.6250-11x2.250-YZ8	2	
4	HBolt-0.6250-11x5.000-YZ8	HBolt-0.6250-11x5.000-YZ8	2	
5	Hbolt-0.7500-10x3.500-YZ8	Hbolt-0.7500-10x3.500-YZ8	2	
6	HBolt-0.8750-9x1.750-YZ8	HBolt-0.8750-9x1.750-YZ8	2	
7	HD Washer 0.89 x 2.50	HD Washer 0.89 x 2.50	2	
8	HD Washer 1.06 x 2.25-YZ	Washer, HDØ1.063XØ2.25X.313 YZ	6	
9	HNut-0.7500-10-YZ8	HNUT 0.7500-10-YZ8	2	
10	NLNut-0.6250-11-YZ8	NLNut-0.6250-11-YZ8	4	
11	NLNut-0.7500-10-YZ8	NLNut-0.7500-10-YZ8	2	
12	S-HNut-1.0000-14-CZ5	Nut, Slotted Hex 1.00-14 CZ5	6	
13	SRing-Ext-3.000	SRing-Ext-3.000	2	
14	SScrew-0.7500-10x2.0-B8	SScrew-0.7500-10x2.0-B8	2	
15	T0050278	Axle, Track Undercarriage	3	
16	T0050294	Air Spring	1	
17	T0050850	Spacer, Ø3.0in ID	2	
18	T0050854	Anti Rotation Insert	2	
19	T0051018	32 Inch Idler Wheel	2	
20	T0051019	28 Inch Idler Wheel	2	
21	T0051023	15 Inch Idler Wheel	2	
22	T0051024	Grease Cap Keeper	2	
23	T0051036	Track, 16.5 x 187 RH Camoplast	1	
24	T0051684	Assy, Bulkhead	1	
25	T0051855	Elbow, Street - 1/8" NPT	1	
26	T0051858	Fitting, 1/4 FG-B	1	
27	T0051861	Valve, Air Stem w Cap	1	
28	TA00600	Idler Hub Assy	5	
29	TA00728	Assy, Grease Line 18"	1	
30	TA00729	Assy, Grease Line 12"	2	
31	TA00600	Idler Hub Assy	1	
32	TA00744	Assy, Track Tension Air Line	1	
33	TA00745	Assy, Steering	1	
34	TA00746	Assy, Undercarriage Main Beam	1	
35	TA00747	Assy, Rear Pivot	1	
36	TW000597	Pin Weldment	2	
37	TW000604	Pivot Arm Machined	1	
38	Zerk-0.1250-27-NPT	Zerk-0.1250-27-NPT	3	

Note:

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

** Coat outside center 6.5" Length of axle P/N T0050278 with Anti-Seize before assembly.

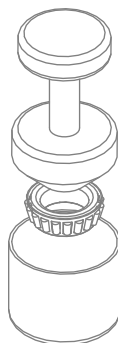


TA00600 Idler Hub Assy

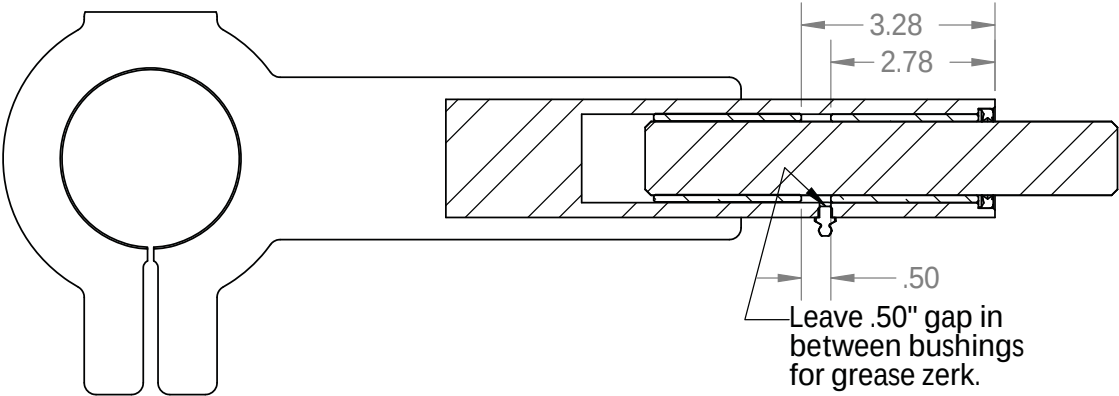
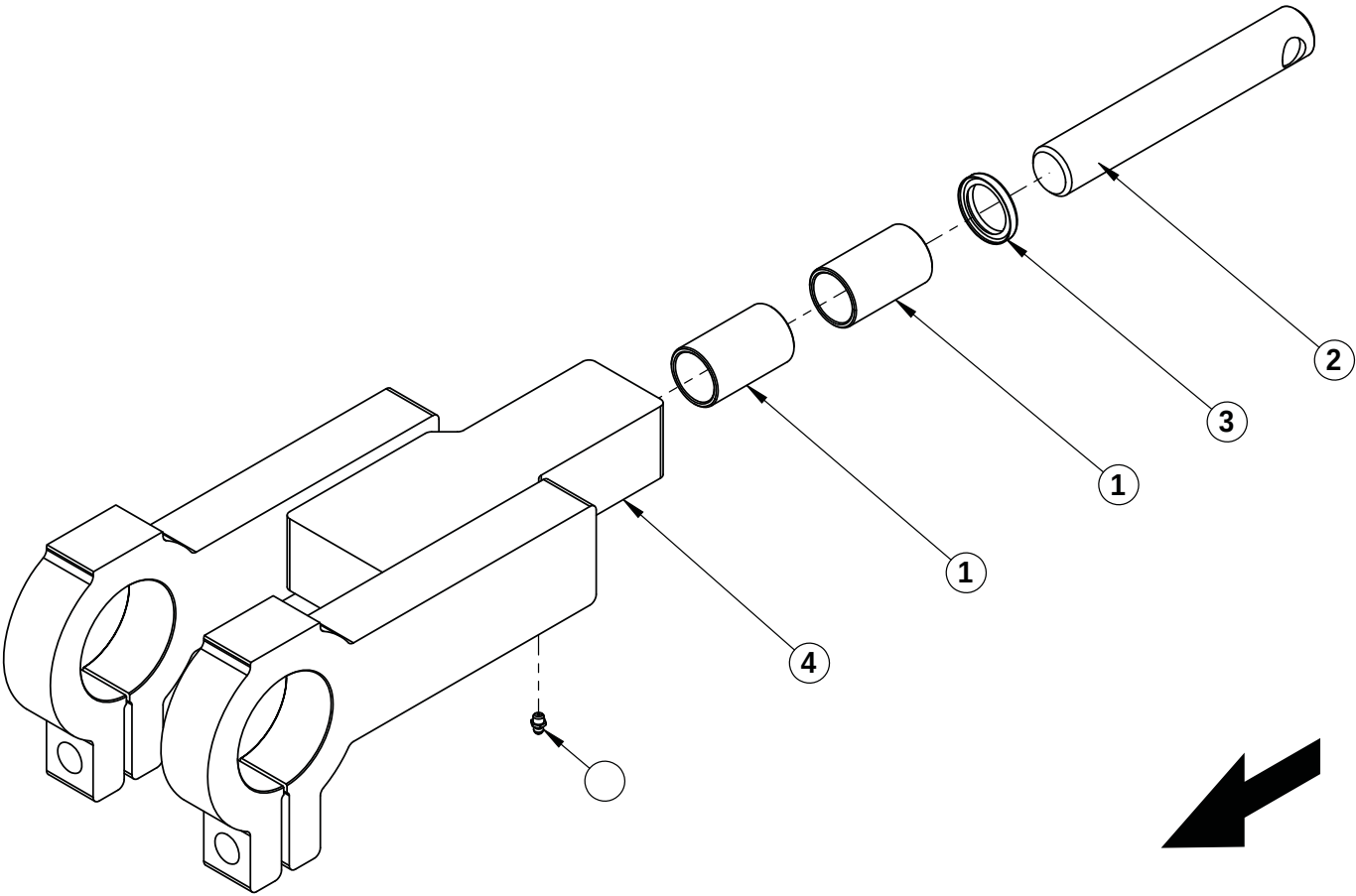
ITEM	PART NUMBER	DESCRIPTION	Vendor PN	QTY.	Order From
1	T0051948	Seal, 3"ID x 4"OD Nitrile Lip Oil	CR 29968	1	Norwood
2	T0051029	Seal, 3"ID x 4"OD Nitrile Lip Oil	CR 29952	1	Norwood
3	T0054433	2.25 Bearing Cone 387A	387A	1	Norwood
4	T0051022	Assy, 8 Bolt Hub	HA817-10	1	Norwood
5	T0054432	3.8125 Bearing Cup 382A	382A	1	Norwood
6	T0055959	2.891 Bearing Cup	LM501310	1	Norwood
7	WS-0.625-18X2.50C8	Wheel Stud, 5/8-18x2-1/2 CZ	WB46	8	Norwood
8	ZERK-0.250-28	Zerk, 1/4-28	60105	1	Norwood
9	T0051031	1.625 Bearing Cone	LM501349	1	Norwood
10	T0051028	Ag Dust Cap	DC26Z	1	Norwood
11	NLNUT-0.625-18Y8	Nylon Lock Nut, 5/8-18 YZ8	37086	8	Norwood

Notes:

- * Use Case IH AkcelA Multi-Purpose Grease 251H EP or equivalent.
- ** Lubricate the seals with petroleum jelly.
- Use P/N 87298944 251H EP Multi-Purpose Grease 35 Lbs (15.9 L)
Or, 132096A1 251H EP Multi-Purpose Grease 14 OZ Tube.
- NSS = Not Sold Separately
- Pack bearings by hand or with a bearing packer machine before assembly. Use an SAE multipurpose high temperature grease with extreme pressure (EP) performance. Also acceptable, SAE multipurpose lithium based grease.

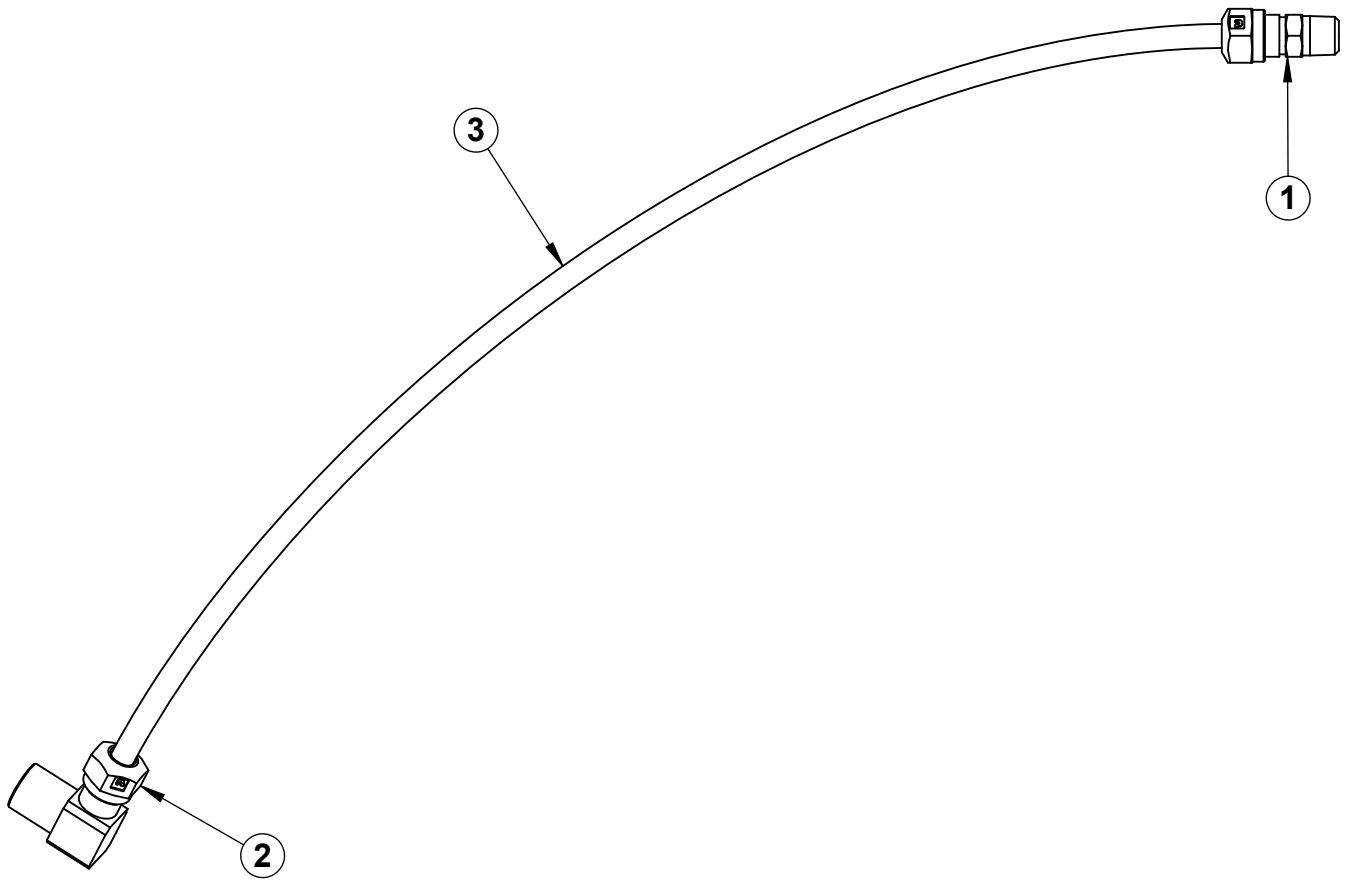


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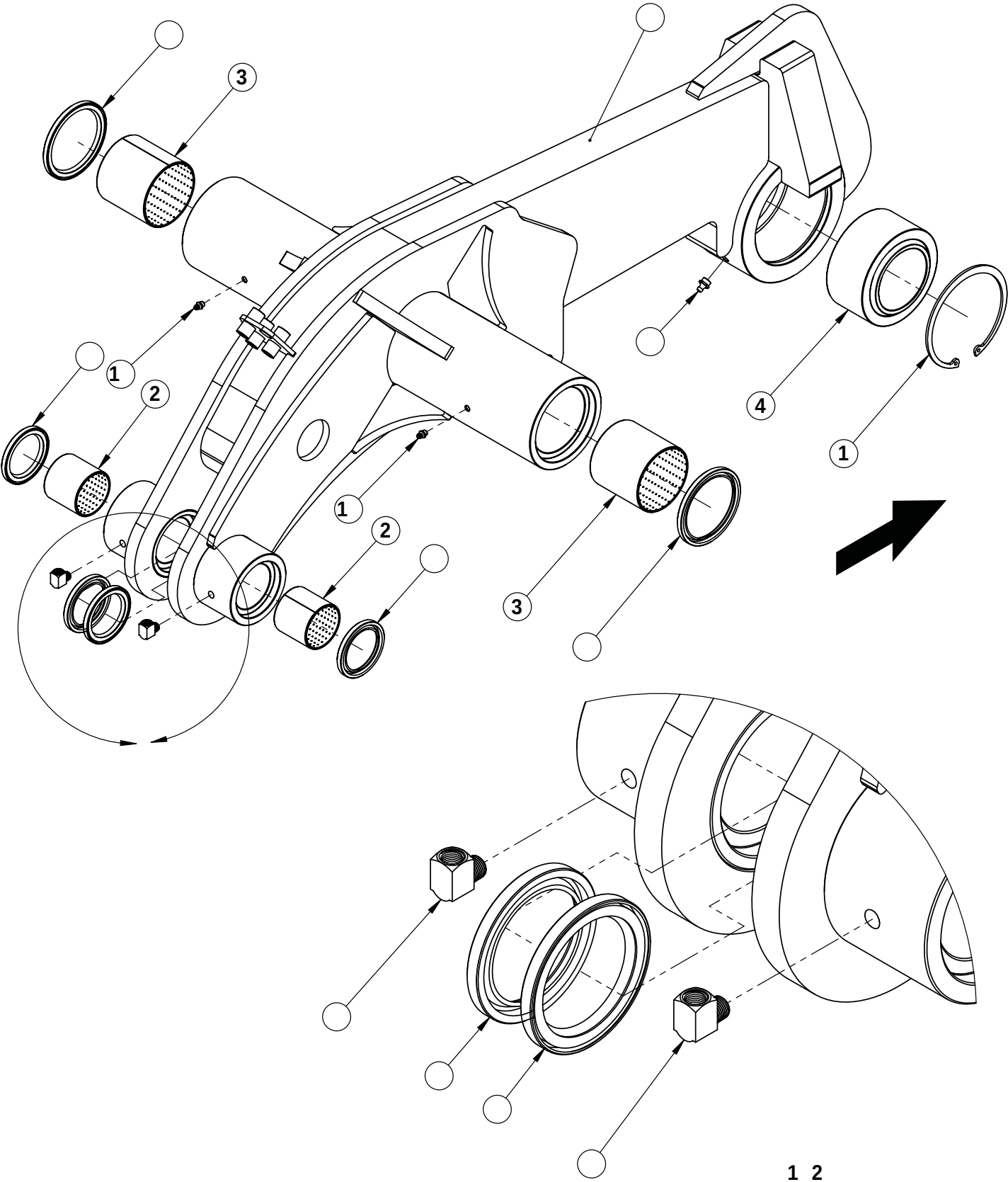
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TA00745 Assy, Steering Arm				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0051027	1.25 Inch Seal	1	
2	TW000608	Steering Arm Machined	1	
3	Zerk-0.2500-28	Zerk-0.2500-28	1	
4	T0050891	Steering Pin	1	
5	T0050847	Steering Arm Bushing	2	



TA00744 Assy, Track Tension Air Line			
ITEM	PART NUMBER	DESCRIPTION	QTY
1	T0051843	Fitting, Low Pressure Straight, Tube to Pipe	1
2	T0051857	Fitting, Elbow, 1/4" Tube to 1/4" NPT	1
3	T0051944	Hose, 0.25" Air Line (per ft)	1.4

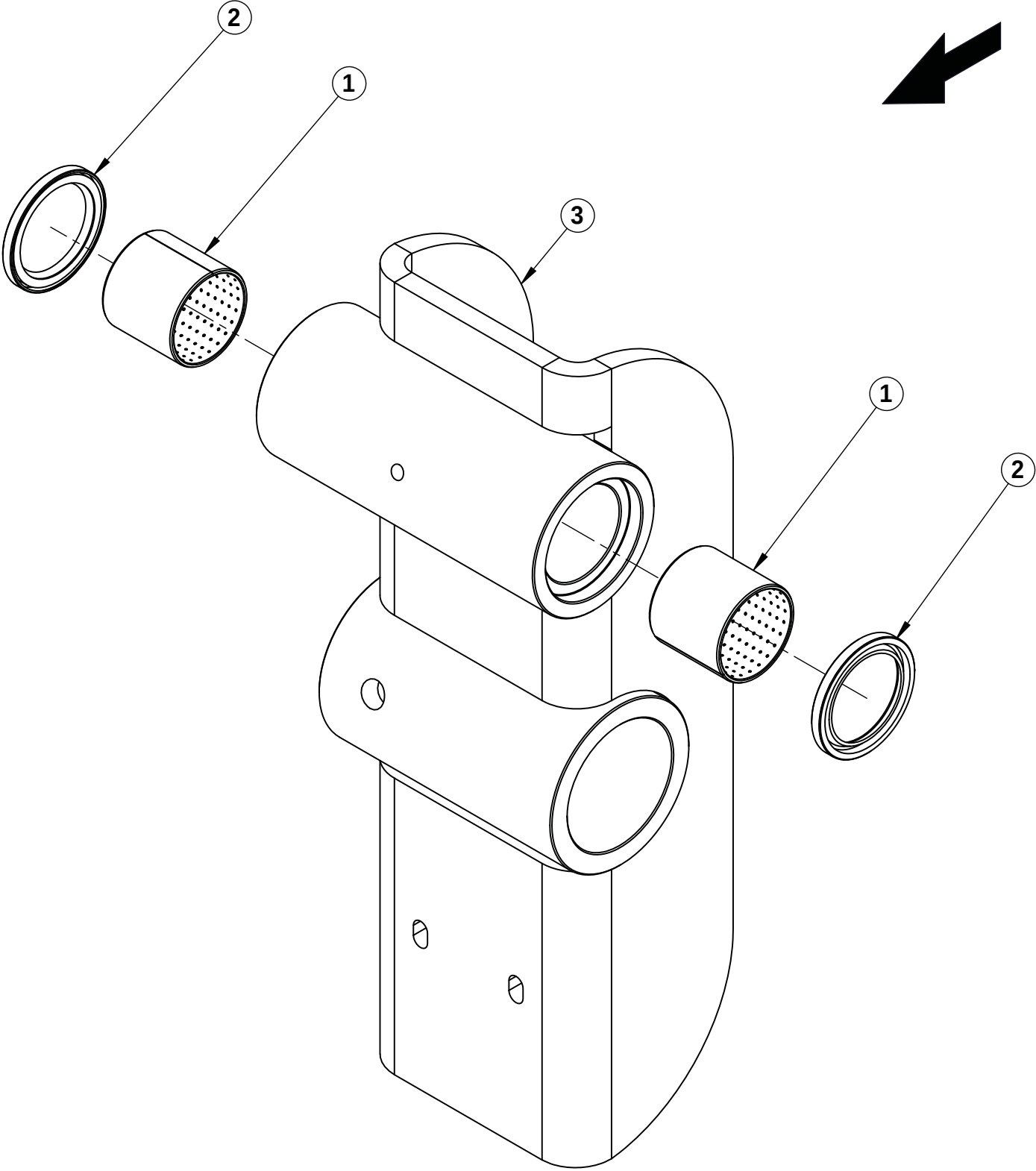
24R-22 24R-30



TA00746 Assy, Undercarriage Main Beam

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	SRing-Int-4.750	SRing-Int-4.750	1	
2	T0050953	Steel Backed Bronze Bearing 2.0 ID	2	
3	T0050957	Steel Backed Bronze Bearing 3.0 ID	2	
4	T0051033	3 Inch Spherical Plain Bushing	1	
5	T0051585	2.00 Grease Seal	4	
6	T0051586	3.00 Grease Seal	2	
7	T0051855	Elbow, Street - 1/8" NPT	2	
8	TW000606	Main Beam Machined	1	
9	Zerk-0.1250-27-NPT	Zerk-0.1250-27-NPT	1	
10	Zerk-0.2500-28	Zerk-0.2500-28	2	

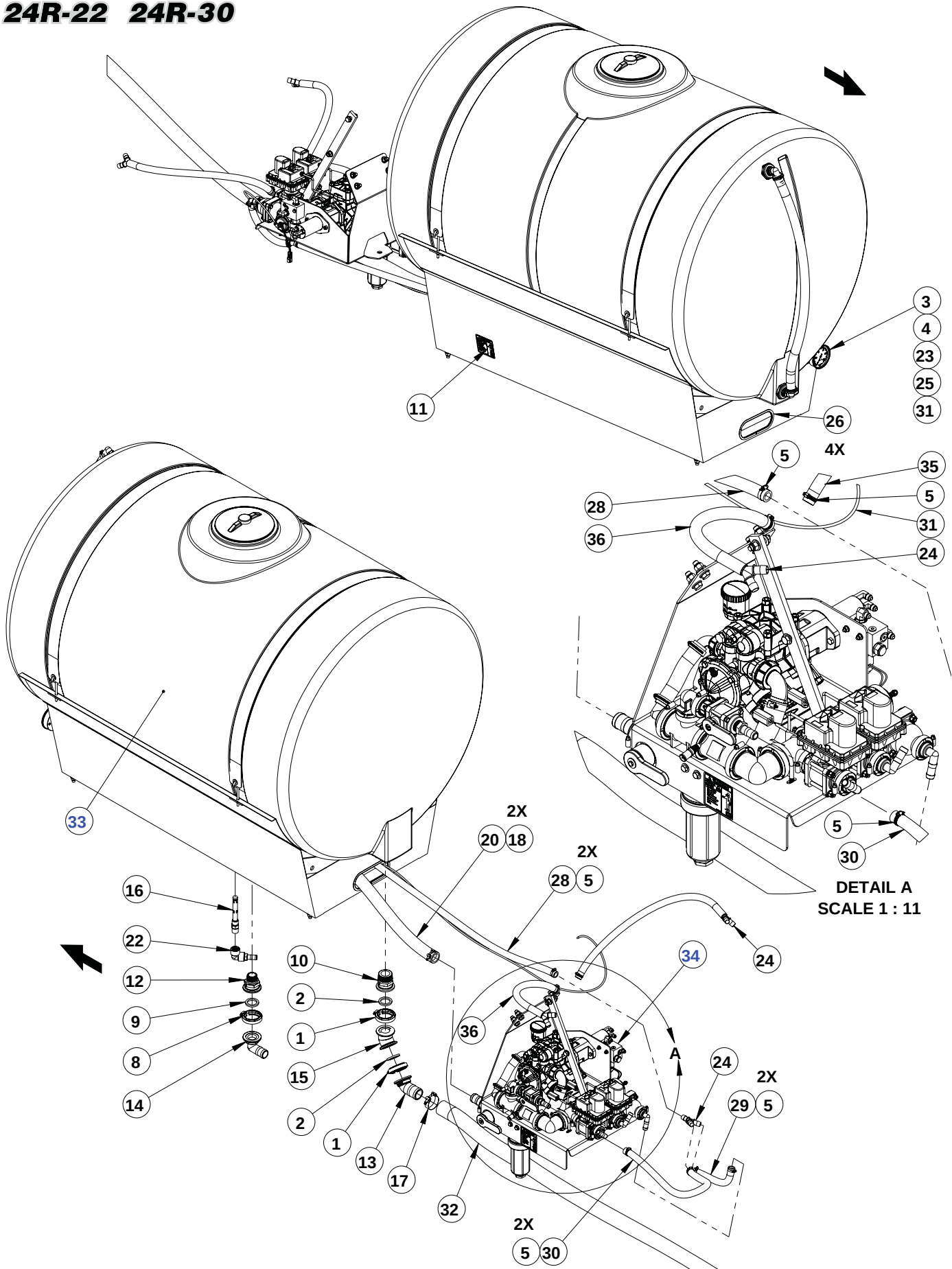
24R-22 24R-30



TA00747 Assy, Rear Pivot

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0050953	Steel Backed Bronze Bearing 2.0 ID	2	
2	T0051585	2.00 Grease Seal	2	
3	TW000603	Rear Pivot Machined	1	

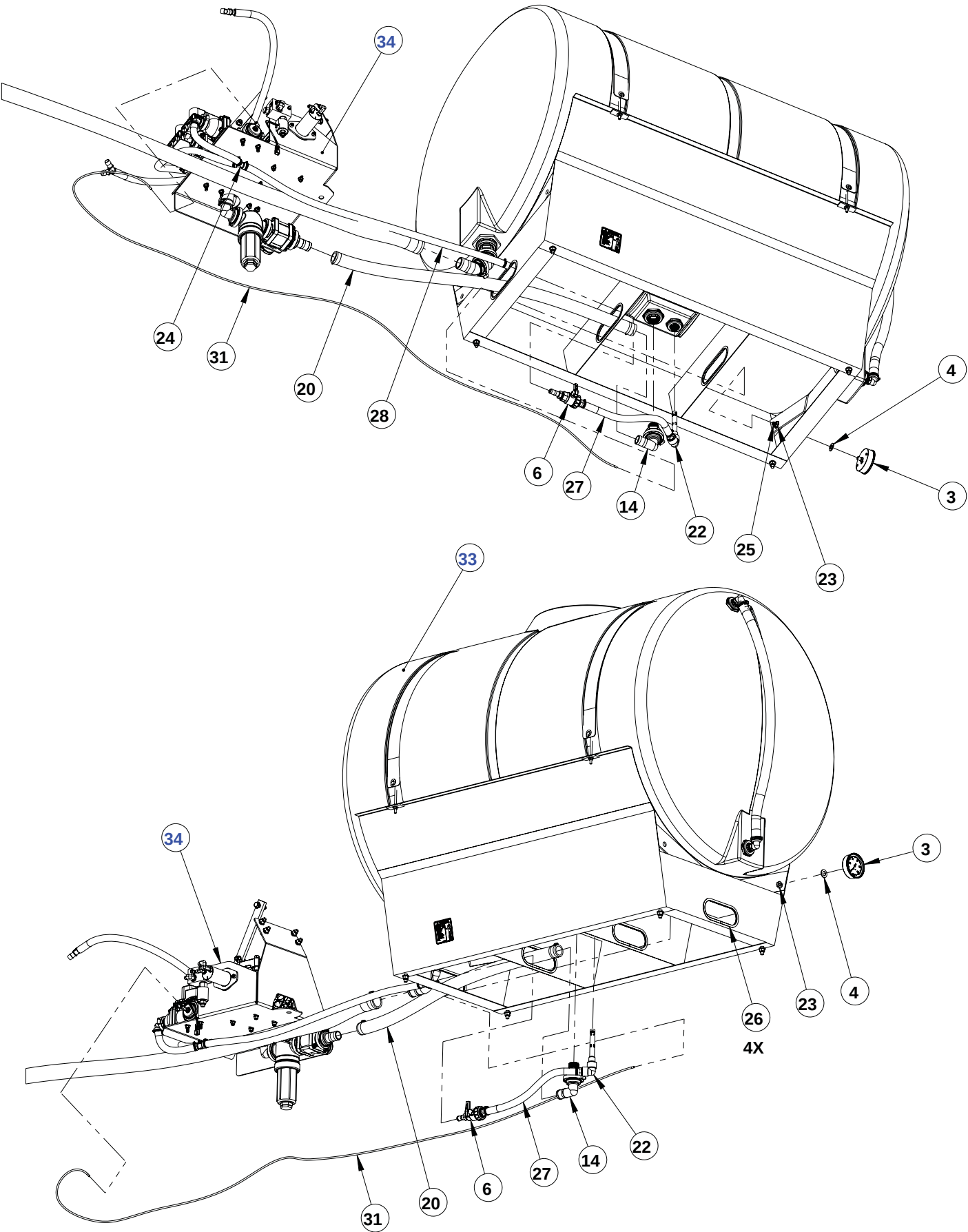
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TA00741 Liquid Fertilizer System (Sheet 1 of 2)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	406040A1	Clamp 2" Flange	2	
2	408348A1	Gasket 2" Manifold	2	
3	86990418	Gauge, Pressure 4" SS 0-100PSI	1	
4	FW-M18-CZ	Washer, Flat M18 CZ	1	
5	HClamp-SAE-12-SS	Hose Clamp, SAE #12-SS	10	
6	T0051510	3/4" Union Valve	1	
7	T0051512	3/4" MPT x 3/4" HB	3	
8	T0051560	Clamp 2" Flange	1	
9	T0051561	Gasket 2" Manifold	1	
10	T0051587	2" Flange x 2" MPT	1	
11	T0051589	Decal, Warning - Chemical Hazard	1	
12	T0051613	2" Flange x 1.25" MPT	1	
13	T0051616	2" Flange x 45 deg HB	1	
14	T0051619	2" Flange x 1.5" 90 deg HB	1	
15	T0051620	2" x 2" 45 Deg Flange	1	
16	T0051637	Agitator, Tank	1	
17	T0051639	T-Bolt Clamp 2.5"	1	
18	T0051640	T-Bolt Clamp 2"	2	
19	T0051674	Hose-0.38" Spray (100' Roll)	0.75	
20	T0051676	Hose, 1.50" x 50.5" Suction	4.21	
21	T0051677	Hose-2.00" Suction (100' Roll)	0.165	
22	T0052428	Elbow, 3/4FPT X 3/4FPT	1	
23	T0052431	1/4" NPT Bulkhead Coupling	1	
24	T0052445	3/4" Hose Barb Wye	3	
25	T0052452	Adaptor 1/4" PTC to 1/4 MPT	1	
26	T0052560	U-Trim, 1/16x19-1/4	4	
27	T0052561	Hose, Ag Spray 200 Ø3/4x17-1/2	1	
28	T0052562	Hose, AgSpray 200 Ø3/4x50-1/2	1	
29	T0052563	Hose, AgSpray 200 Ø3/4x13	1	
30	T0052564	Hose, AgSpray 200 Ø3/4x26-1/2	1	
31	T0052566	Hose, Air Line Ø1/4x132	1	
32	T0052567	Hose, Suction Ø2.00x173	1	
33	TA00808	Assy, 500 Gal Liquid Fert Tank	1	
34	TA00827	Assy, Fertilizer Pump Mount	1	
35	T0052780	Hose, AgSpray 200 Ø3/4x30	1	
36	T0052781	Hose, AgSpray 200 Ø3/4x30	1	

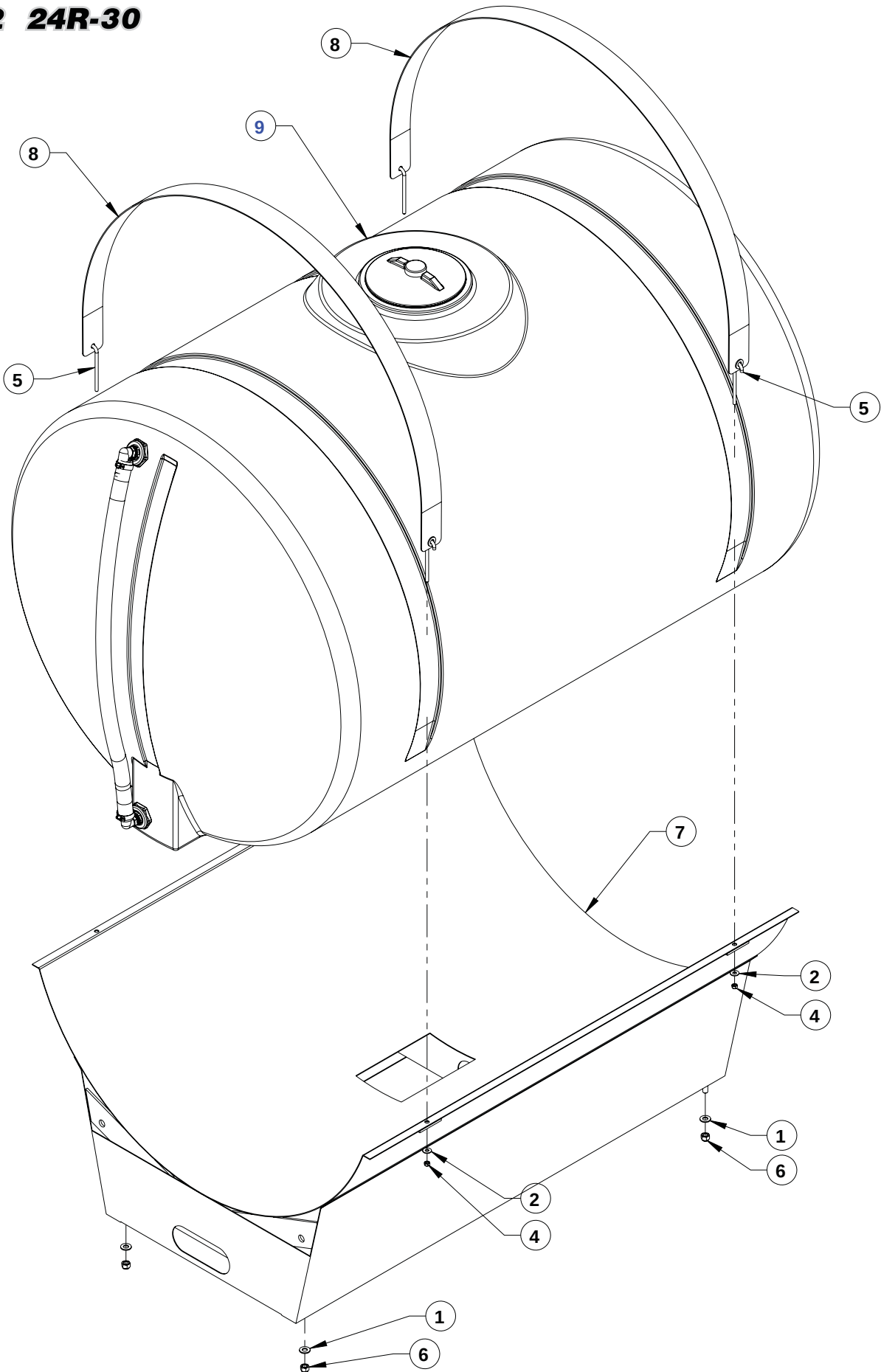
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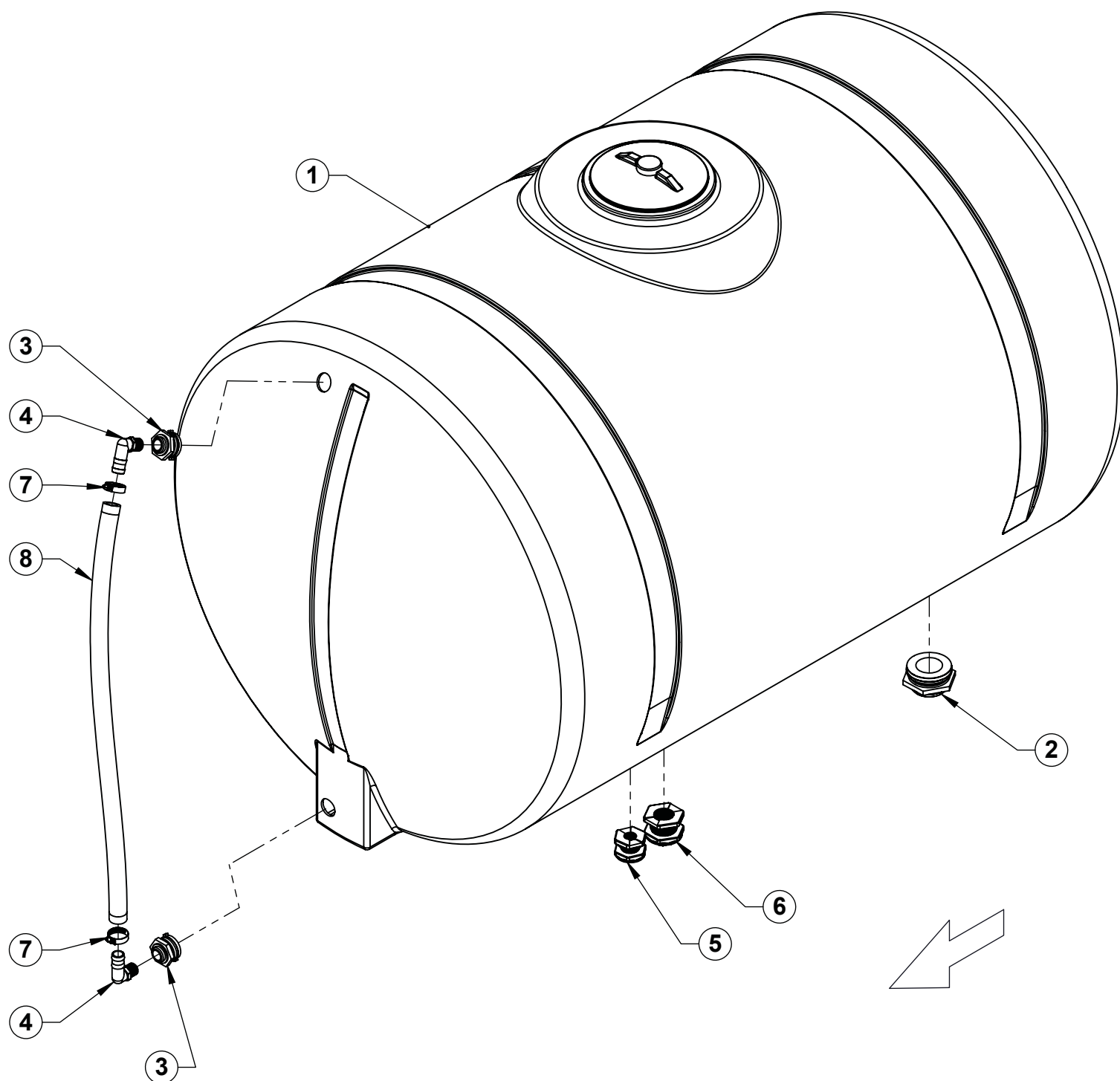
TA00741 Liquid Fertilizer System (Sheet 2 of 2)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	406040A1	Clamp 2" Flange	2	
2	408348A1	Gasket 2" Manifold	2	
3	86990418	Gauge, Pressure 4" SS 0-100PSI	1	
4	FW-M18-CZ	Washer, Flat M18 CZ	1	
5	HClamp-SAE-12-SS	Hose Clamp, SAE #12-SS	10	
6	T0051510	3/4" Union Valve	1	
7	T0051512	3/4" MPT x 3/4" HB	3	
8	T0051560	Clamp 2" Flange	1	
9	T0051561	Gasket 2" Manifold	1	
10	T0051587	2" Flange x 2" MPT	1	
11	T0051589	Decal, Warning - Chemical Hazard	1	
12	T0051613	2" Flange x 1.25" MPT	1	
13	T0051616	2" Flange x 45 deg HB	1	
14	T0051619	2" Flange x 1.5" 90 deg HB	1	
15	T0051620	2" x 2" 45 Deg Flange	1	
16	T0051637	Agitator, Tank	1	
17	T0051639	T-Bolt Clamp 2.5"	1	
18	T0051640	T-Bolt Clamp 2"	2	
19	T0051674	Hose-0.38" Spray (100' Roll)	0.75	
20	T0051676	Hose, 1.50" x 50.5" Suction	4.21	
21	T0051677	Hose-2.00" Suction (100' Roll)	0.165	
22	T0052428	Elbow, 3/4FPT X 3/4FPT	1	
23	T0052431	1/4" NPT Bulkhead Coupling	1	
24	T0052445	3/4" Hose Barb Wye	3	
25	T0052452	Adaptor 1/4" PTC to 1/4 MPT	1	
26	T0052560	U-Trim, 1/16x19-1/4	4	
27	T0052561	Hose, Ag Spray 200 Ø3/4x17-1/2	1	
28	T0052562	Hose, AgSpray 200 Ø3/4x50-1/2	1	
29	T0052563	Hose, AgSpray 200 Ø3/4x13	1	
30	T0052564	Hose, AgSpray 200 Ø3/4x26-1/2	1	
31	T0052566	Hose, Air Line Ø1/4x132	1	
32	T0052567	Hose, Suction Ø2.00x173	1	
33	TA00808	Assy, 500 Gal Liquid Fert Tank	1	
34	TA00827	Assy, Fertilizer Pump Mount	1	
35	T0052780	Hose, AgSpray 200 Ø3/4x30	1	
36	T0052781	Hose, AgSpray 200 Ø3/4x30	1	

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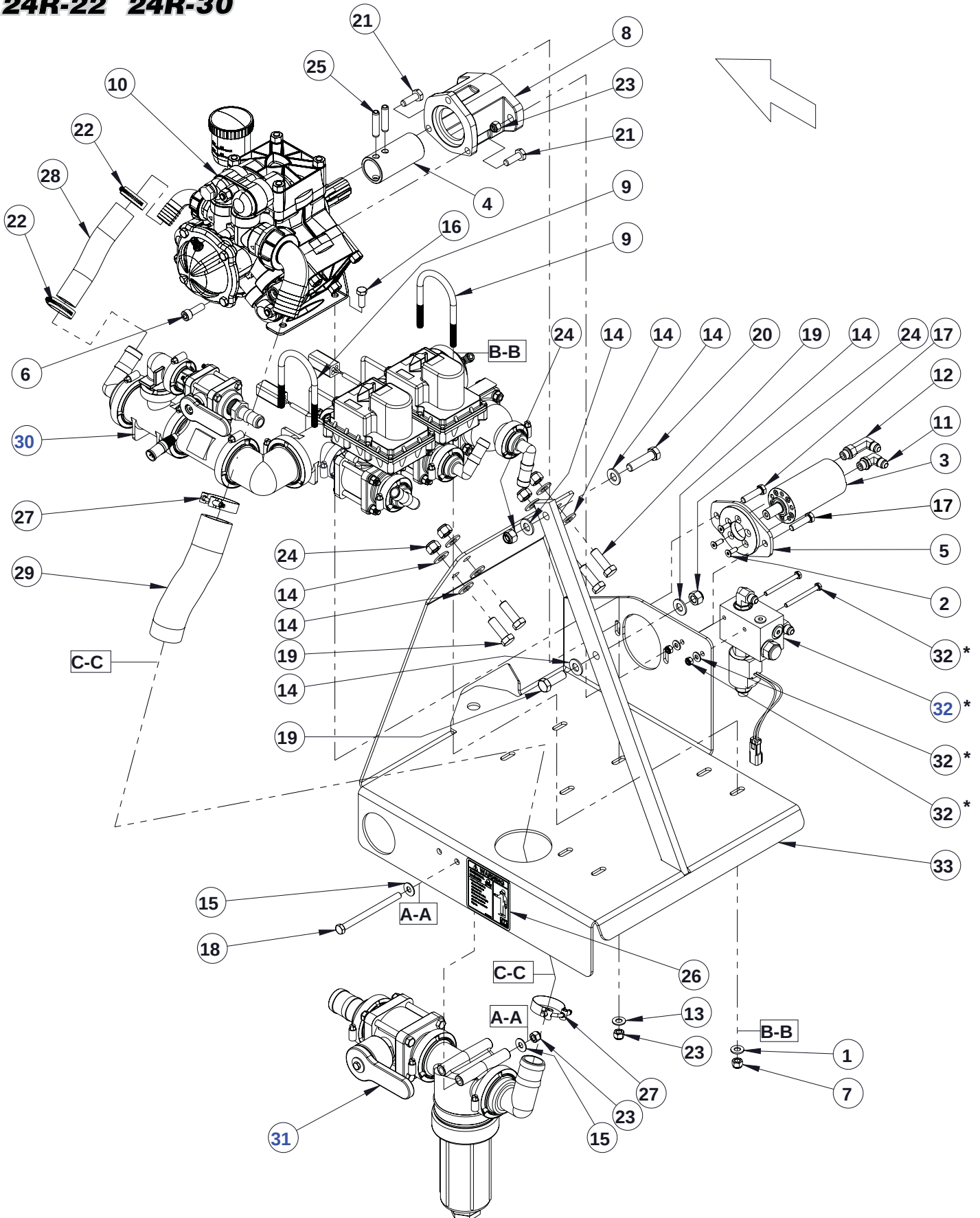
TA00808 Assy, 500 Gal Liquid Fert Tank				
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	FW-SAE-0.500-YZ	Washer, Flat SAE - 1/2-YZ	4	
2	FW-USS-0.313-YZ	Washer, Flat USS 5/16-YZ	4	
3	HBolt-0.5000-13x1.500-YZ8	Bolt, Hex Head-1/2-13x1.5-YZ8	4	
4	HNut-0.3125-18-CZ5	Nut, Hex-5/16-18-CZ5	4	
5	JBolt-0.3125-18x5.000-Z5	JBolt-0.3125-18x5.000-Z5	4	
6	NLNut-0.5000-13-YZ8	Nut, Nylock-1/2"-13-YZ8	4	
7	T0052226	Tank Base	1	
8	T0051073	Tank Mtg Strap	2	
9	TA00631	500 Gal Liq Fertilizer Tank	1	



TA00631 500 Gal Liq Fertilizer Tank

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0050168	500 Gallon Liquid Tank	1	
2	T0051106	2" Bulkhead Tank Fitting	1	
3	T0054212	Ftng, Tank 3/4 Dbl Thrd Poly	2	
4	T0051179	.75" MPT to 1.00" Hose Barb-90	2	
5	T0051176	Ftng, 3/4" Bulkhead Tank	1	
6	T0051177	1.25" Bulkhead Tank Fitting	1	
7	HCLMP-SAE-16SS	Clamp, Hose-SAE-#16-SS	2	
8	T0051180	Sight Tube	1	

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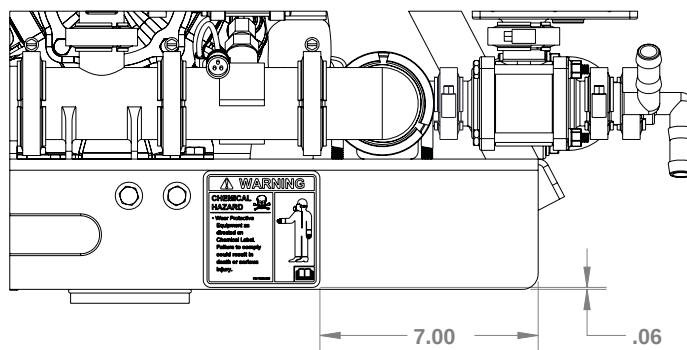


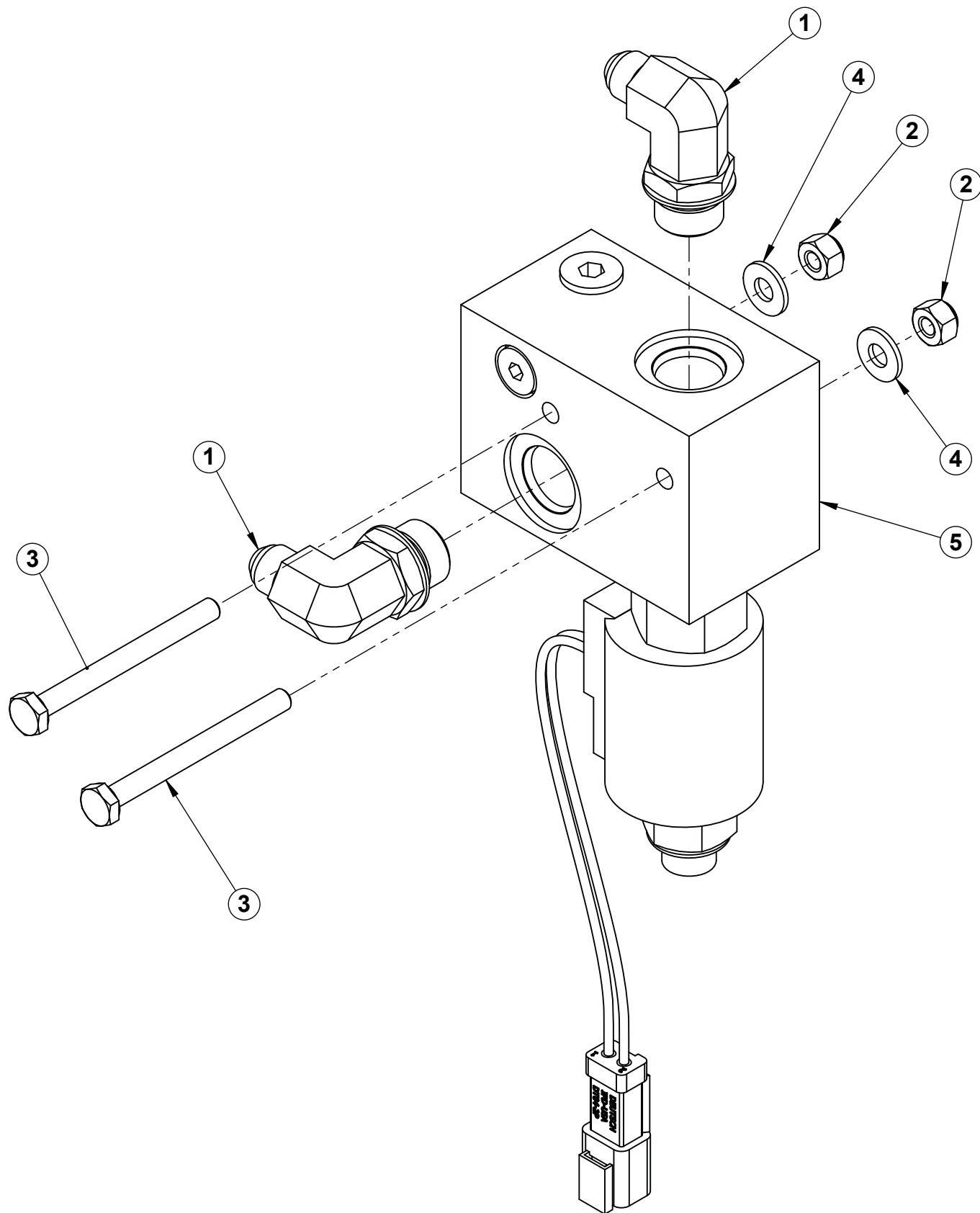
TA00827 Assy, Fertilizer Pump Mount

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	87016	Washer	4	
2	87659	Hex Soc Screw, Flat Hd. 1/4"-28x3/4	3	
3	284797A1	Motor, 19.8CM ³ (1.21 in ³) Disp Fert Drive	1	
4	400299A2	Coupling, Pump Motor	1	
5	400300A1	Flange, Mounting YZ	1	
6	9832986	Screw, Hex Soc Hd, M10x30, 8.8	1	
7	86985855	Nut, Nylock 3/8-16 SS	4	
8	86990284	Flange, Motor Mounting	1	
9	87413269	UBolt-0.3750x3.00x3.63-RB-SS	2	
10	87504661	Pump, Liquid Fertilizer	1	
11	ADAPTER 06MJ-06MB 90	ADAPTER 06MJ-06MB 90	1	
12	ADAPTER 06MJ-06MB 90LL	ADAPTER 06MJ-06MB 90LL	1	
13	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	4	
14	FW-SAE-0.500-YZ	Washer, Flat SAE - 1/2-YZ	12	
15	FW-USS-0.313-YZ	Washer, Flat USS 5/16-YZ	4	
16	HBolt-0.3750-16x1.000-YZ8	Bolt, Hex Hd 3/8-16x1-YZ8	4	
17	HBolt-0.3750-16x1.500-YZ8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	2	
18	HBolt-0.3750-16x5.000-YZ8	Bolt, Hex Hd-3/8-16x5-YZ8	2	
19	HBolt-0.5000-13x1.500-YZ8	Bolt, Hex Head-1/2-13x1.5-YZ8	5	
20	HBolt-0.5000-13x2.000-YZ8	Bolt, Hex Head-1/2-13x2-YZ8	1	
21	HBolt-M10-1.5x30-YZ10.9	HBolt-M10-1.5x30-YZ10.9	2	
22	HClamp-SAE-16-SS	Clamp, Hose-SAE-#16-SS	2	
23	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	8	
24	NLNut-0.5000-13-YZ8	Nut, Nylock-1/2"-13-YZ8	6	
25	RPin-M10x45	Pin, Spring M10x45	2	
26	T0051589	Decal, Warning - Chemical Hazard	1	
27	T0051640	T-Bolt Clamp 2"	2	
28	T0052449	Hose, AgSpray 300 Ø1X8	1	
29	T0052451	Hose, 1.50" x 9" Suction	1	
30	TA00828	Assy, Fert Pump Valve	1	
31	TA00832	Assy, Filter, Valve Sub	1	
32	TA00833	Assy, Control Valve	1	
33	TW000784	Wldmt, Fertilizer Mount	1	

Note:

- Item #28 is cut from P/N T0052304.
- Item #29 is cut from P/N T0051676.
- * Items marked with an asterisk are items that are included in that particular part or assembly.

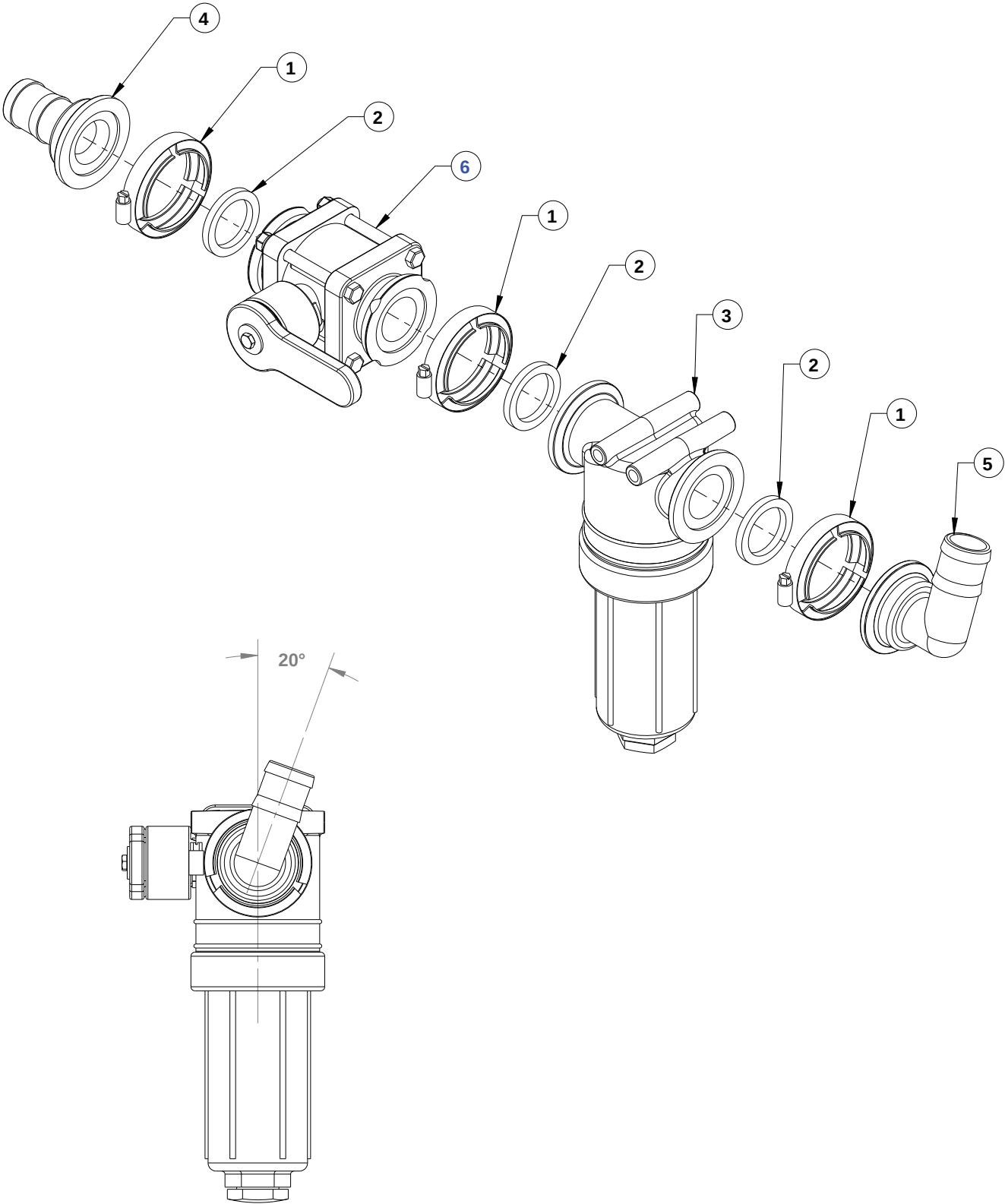




TA00833 Assy, Control Valve

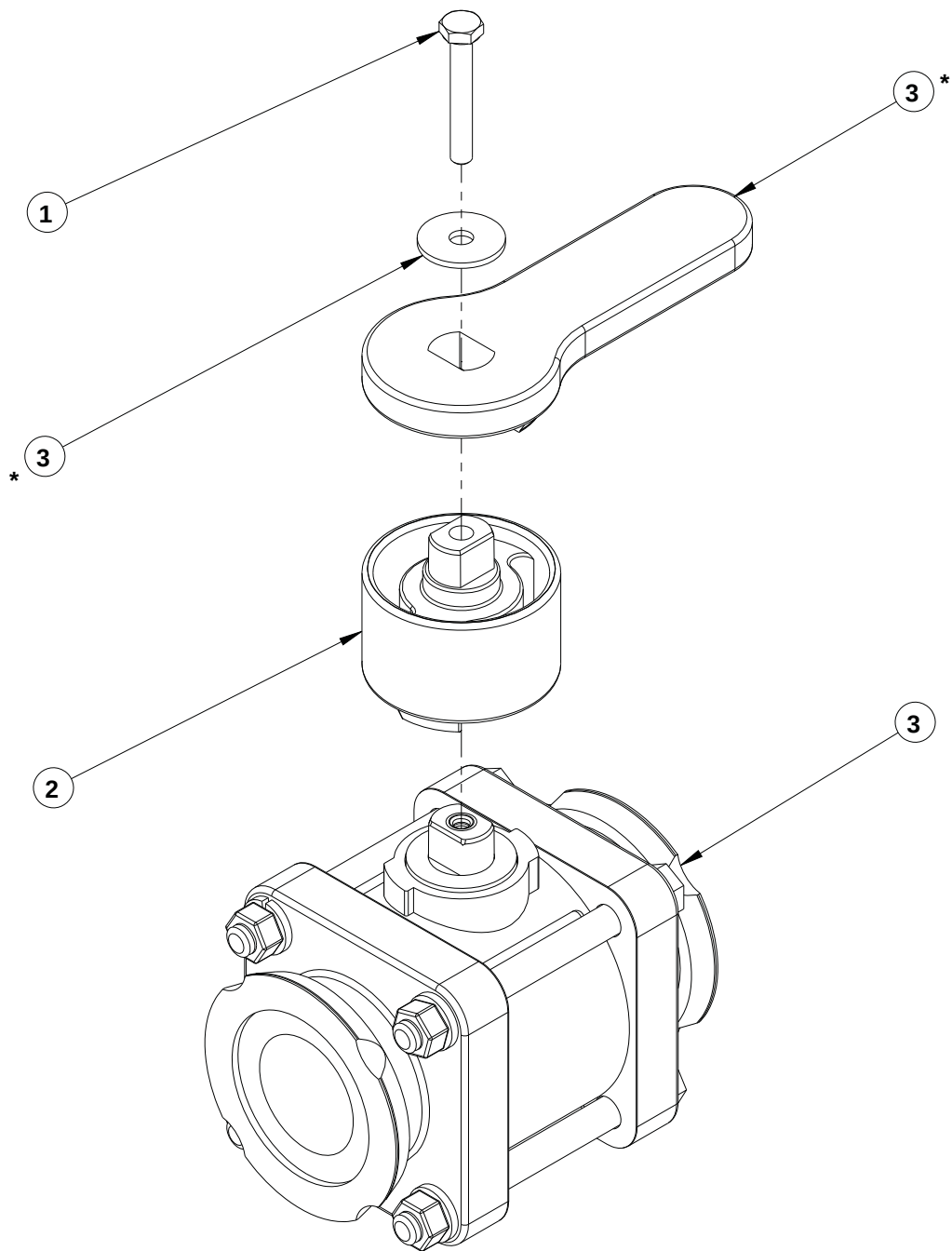
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	AD-06MJ-08MB-90	ADAPTER 06MJ-08MB 90	2	
2	NLNUT-0.250-20Y8	Nut, Nylock 1/4-20-YZ8	2	
3	HB-0.250-20X2.75Y8	Bolt, Hex Hd 1/4-20X2-3/4 YZ8	2	
4	FW-SAE-0.250Y	Washer, SAE Flat 1/4-YZ	2	
5	419865A1	Valve, Control	1	

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TA00832 Assy, Filter, Valve Sub				
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0051560	Clamp 2" Flange	3	
2	T0051561	Gasket 2" Manifold	3	
3	T0051597	2" Manifold 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	

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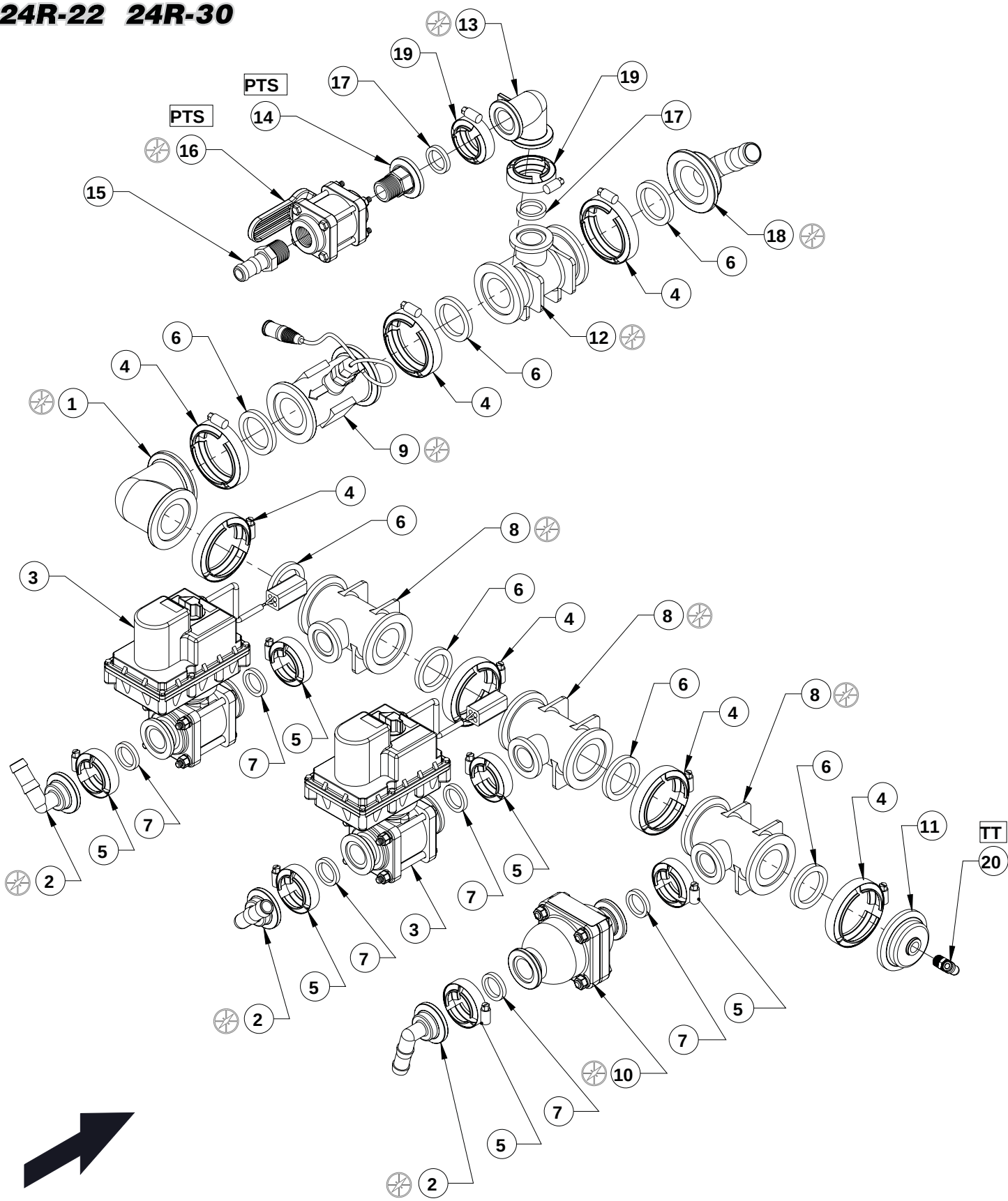


TA00829 Assy, Valve With Riser				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HBolt-0.2500-20x1.750-SS	Bolt, Hex Hd 1/4-20x1-3/4-SS	1	
2	T0052410	Handle Riser	1	
3	T0051615	Valve, Ball 2" Manifold	1	

Note:

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

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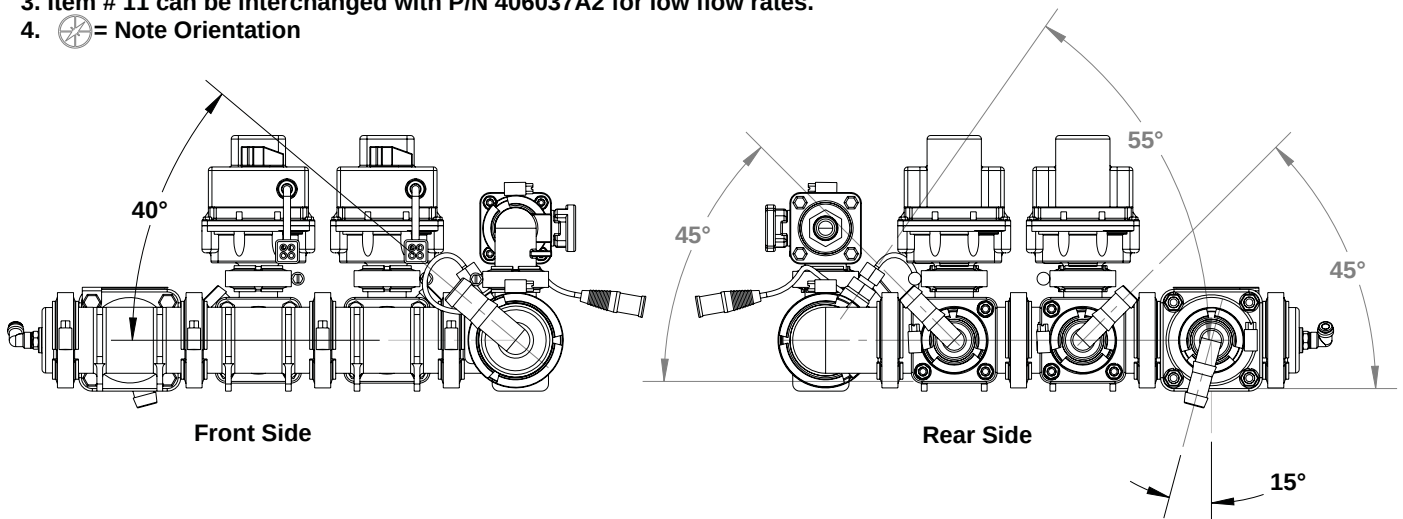


TA00828 Assy, Fert Pump Valve

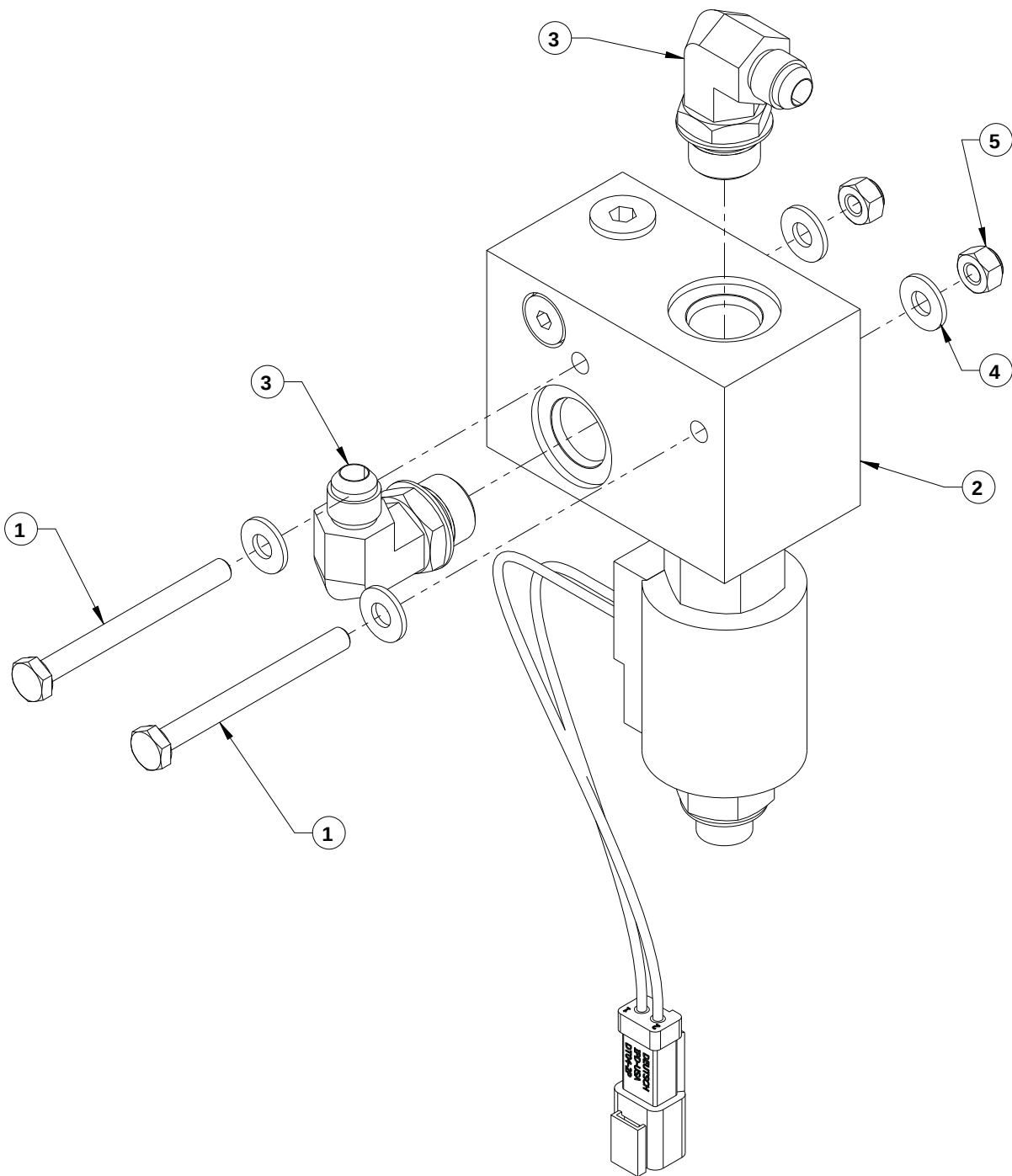
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	405782A1	Elbow 2" 90 Short	1	
2	405785A1	Elbow 90 1" Flange 3/4" HB	3	
3	406039A1	Solenoid Valve - Liquid	2	
4	406040A1	Clamp 2" Flange	7	
5	406041A1	Clamp 1" Flange	6	
6	408348A1	Gasket 2" Manifold	7	
7	408350A1	Gasket 1" Manifold	6	
8	86984089	Tee 2" x 2" x 1"	3	
9	406037A2	Flowmeter, RFM60P Range 1-60GPM	1	
10	87505937	Pressure Relief Valve - 100PSI	1	
11	87670356	Plug 2" w/ Gauge Port	1	
12	T0051076	Tee 2" x 2" x 1"	1	
13	T0051506	Coupler Flange 90 Deg 1"	1	
14	T0051509	1" Flange x 3/4" MPT	1	
15	T0051512	3/4" MPT x 3/4" HB	1	
16	T0051550	Valve Ball 3/4"	1	
17	T0051562	Gasket 1" Manifold	2	
18	T0051563	2" Flange x 1" 90 HB	1	
19	T0051636	Clamp 1" Flange	2	
20	T0052453	Elbow 1/4" PTC to 1/4" MPT	1	

Note:

1. **PTS** = Apply Pipe Thread Sealant, use Rectorseal # 21 or equivalent.
2. **TT** = Apply Teflon Tape.
3. Item # 11 can be interchanged with P/N 406037A2 for low flow rates.
4.  = Note Orientation



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TA00726 Assy, Control Valve

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	280566	Bolt, Hex, 1/4"-20 x 2-3/4" G5	2	
2	419865A1	Control Valve	1	
3	ADAPTER 06MJ-08MB 90	ADAPTER 06MJ-08MB 90	2	
4	FW-SAE-0.250-YZ	Washer, SAE Flat 1/4-YZ	4	
5	NLNut-0.2500-20-YZ8	Nut, Nylock 1/4-20-YZ8	2	

1. Flat Washer - (Bend Tab Flat)
2. Star Washer
3. Two nuts

DETAIL D
SCALE 1 : 3

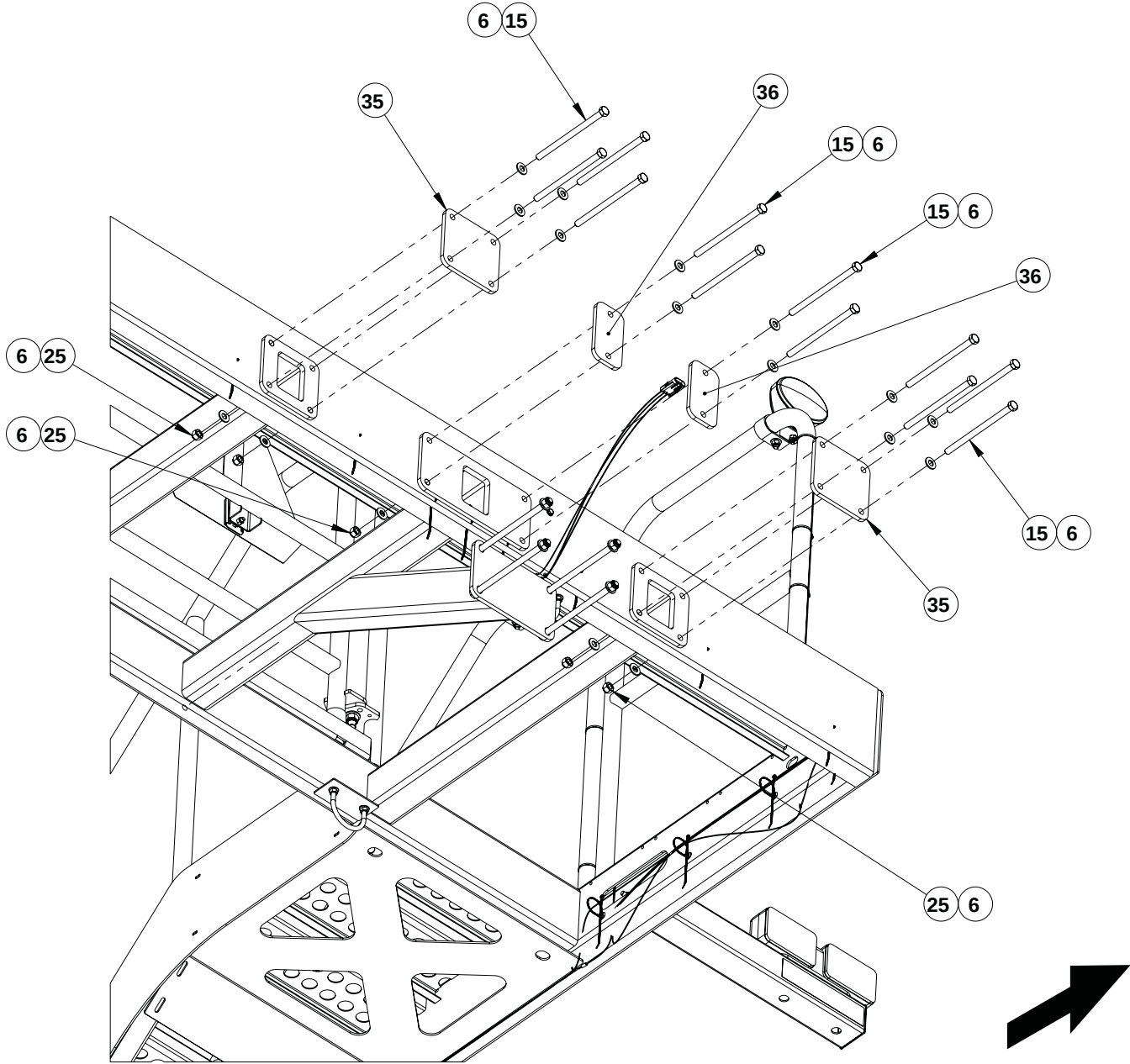
DETAIL A
SCALE 1 : 8

The diagram is an exploded view of a mechanical assembly. It features a main frame with a perforated base and several vertical support structures. Key components are labeled with numbers: 1 (Flat Washer), 2 (Star Washer), 3 (Two nuts), 17, 19, 20, 23, 26, 27, 28, 30, 31, 34, 38, 41, 44, 45, 48, 49, 51, 55, 7, 8, and 12. Two detail insets are provided: 'DETAIL D' (SCALE 1 : 3) shows a close-up of a control panel with a switch and a label; 'DETAIL A' (SCALE 1 : 8) shows a close-up of a mechanical linkage or actuator assembly. A large black arrow points towards the bottom left of the diagram.

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

TA00780 Assy, Ladder				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	391062A1	Switch, On/Off	1	
2	CableTie .18X7.90-2.00MB	CableTie .18X7.90-2.00Max Bundle	13	
3	CableTie Mount .256-.276 Hole	Assy,CableTie Mnt .031-.276 PT	16	
4	FW-SAE-0.250-YZ	Washer, SAE Flat 1/4-YZ	5	
5	FW-SAE-0.375-SS	Washer, Flat SAE 3/8" SS	10	
6	FW-SAE-0.500-YZ	Washer, Flat SAE - 1/2-YZ	32	
7	FW-SAE-0.625-YZ	Washer, Flat-SAE-5/8	8	
8	FW-SAE-No 10-CZ	Washer, Flat SAE #10 CZ	4	
9	FW-USS-0.313-YZ	Washer, Flat USS 5/16-YZ	6	
10	HBolt-0.2500-20x0.750-YZ8	Bolt, Hex Head 1/4"-20x3/4-YZ8	1	
11	HBolt-0.2500-20x1.000-YZ8	Bolt, Hex Head 1/4"-20x1.00-YZ8	2	
12	HBolt-0.3125-18x0.750-YZ8	Bolt, Hex Head 5/16"-18x3/4-YZ8	2	
13	HBolt-0.3125-18x3.000-YZ8	Bolt, Hex Head 5/16-18x3.0-YZ8	1	
14	HBolt-0.3750-16x2.500-YZ8	Bolt, Hex Head-3/8-16x2.5-YZ8	3	
15	HBolt-0.5000-13x8.000-YZ8	Bolt, Hex Hd-1/2-13x8.0-YZ8	12	
16	HBolt-0.5000-13x9.000-YZ8	Bolt, Hex Head-1/2-13x9.0-YZ8	4	
17	HBolt-0.6250-11x1.750-YZ8	Bolt, Hex Head-5/8-11x1.75-YZ8	4	
18	HBolt-0.6250-11x2.250-YZ8	Bolt, Hex Head-5/8-11x2.25-YZ8	2	
19	HBolt-10-24x0.750-CZ2	Bolt,HexHd 10-24x3/4 Cl Zc Gr2	4	
20	HNut-0.3750-16-SS	Nut, Hex 3/8-16-SS	5	
21	NLNut-0.2500-20-YZ8	Nut, Nylock 1/4-20-YZ8	3	
22	NLNut-0.3125-18-YZ8	Nut, Nylock 5/16"-18-YZ8	3	
23	NLNut-0.3750-16-SS	Nut, Nylock -3/8"-16-SS	5	
24	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	3	
25	NLNut-0.5000-13-YZ8	Nut, Nylock-1/2"-13-YZ8	16	
26	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	6	
27	NLNut-10-24-CZ2	Nut, Nylock 10-24 CZ2	4	
28	T0050854	Anti Rotation Insert	6	
29	T0051589	Decal, Warning - Chemical Hazard	1	
30	T0051596	Decal, Warning - Ladder Lowering	1	
31	T0051729	Decal, Reflector, Yellow-2x9	2	
32	T0052167	Cap, Tube Ø1.50 Vinyl	3	
33	T0052190	Spacer, End Gate Pivot	2	
34	T0052227	Latch,Flush Fngr Pull Slim 25#	1	
35	T0052241	Plate, Ladder Attachment	2	
36	T0052242	Plate, Ladder Attach	2	
37	T0052290	Brckt, Light Mount	3	
38	T0052291	Decal, Ladder Platform Lights	1	
39	T0052346	Spacer, Light Bracket	3	
40	T0052570	J Hanger, Double Straight	2	
41	T0052571	Seed Hose Hanger, Stub Arm	2	
42	T0052572	Seed Hose Hanger, Middle	2	
43	T0052573	Seed Hose Hanger, Middle Fr	2	
44	TA00678	Assy, SMV Sign	1	
45	TA00693	Assy, Liquid Fert Mount	1	
46	TA00791	Assy, Lynch Pin & Lanyard	2	
47	TA00805	Harness, Bulk Fill Lights	1	
48	TA00811	Assy, Tail Light-LH	1	
49	TA00812	Assy, Tail Light-RH	1	
50	TA00823	Lamp, Work 700F/862-12V	3	
51	TW000750	Ladder Weldment	1	
52	TW000753	Wldmnt, Railing Rear Hinged	1	
53	TW000755	Wldmnt, Railing Side-RH Rotating	1	
54	TW000762	Wldmt, Folding Step Ladder	1	
55	UBolt-0.3750x3.00x3.63-RB-SS	UBolt-0.3750x3.00x3.63-RB-SS	3	

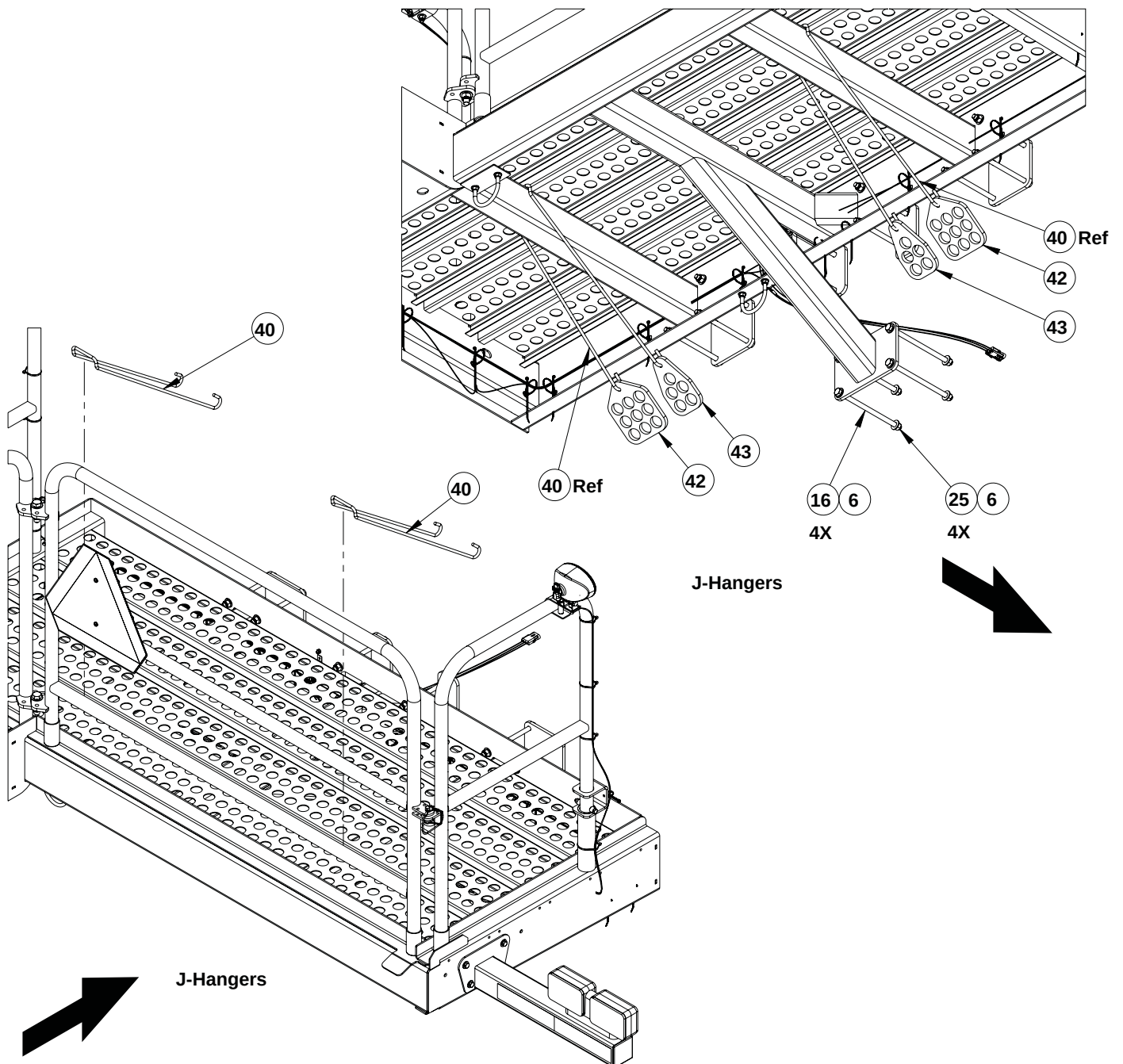
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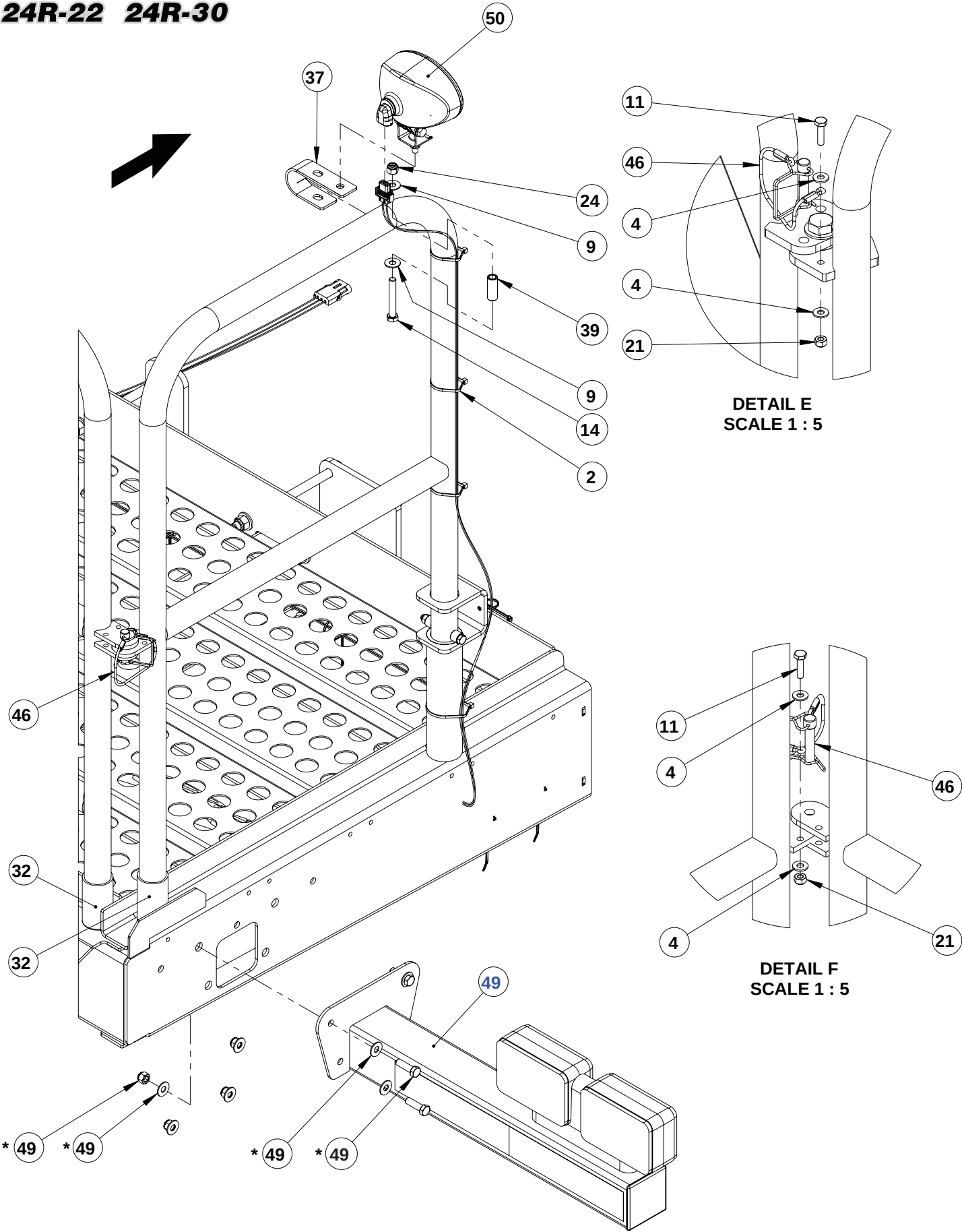
Platform Mounting

TA00780 Assy, Ladder

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
6	FW-SAE-0.500-YZ	Washer, Flat SAE - 1/2-YZ	32	
15	HBolt-0.5000-13x8.000-YZ8	Bolt, Hex Hd-1/2-13x8.0-YZ8	12	
16	HBolt-0.5000-13x9.000-YZ8	Bolt, Hex Head-1/2-13x9.0-YZ8	4	
25	NLNut-0.5000-13-YZ8	Nut, Nylock-1/2"-13-YZ8	16	
35	T0052241	Plate, Ladder Attachment	2	
36	T0052242	Plate, Ladder Attach	2	
40	T0052570	J Hanger, Double Straight	2	
42	T0052572	Seed Hose Hanger, Middle	2	
43	T0052573	Seed Hose Hanger, Middle Fr	2	



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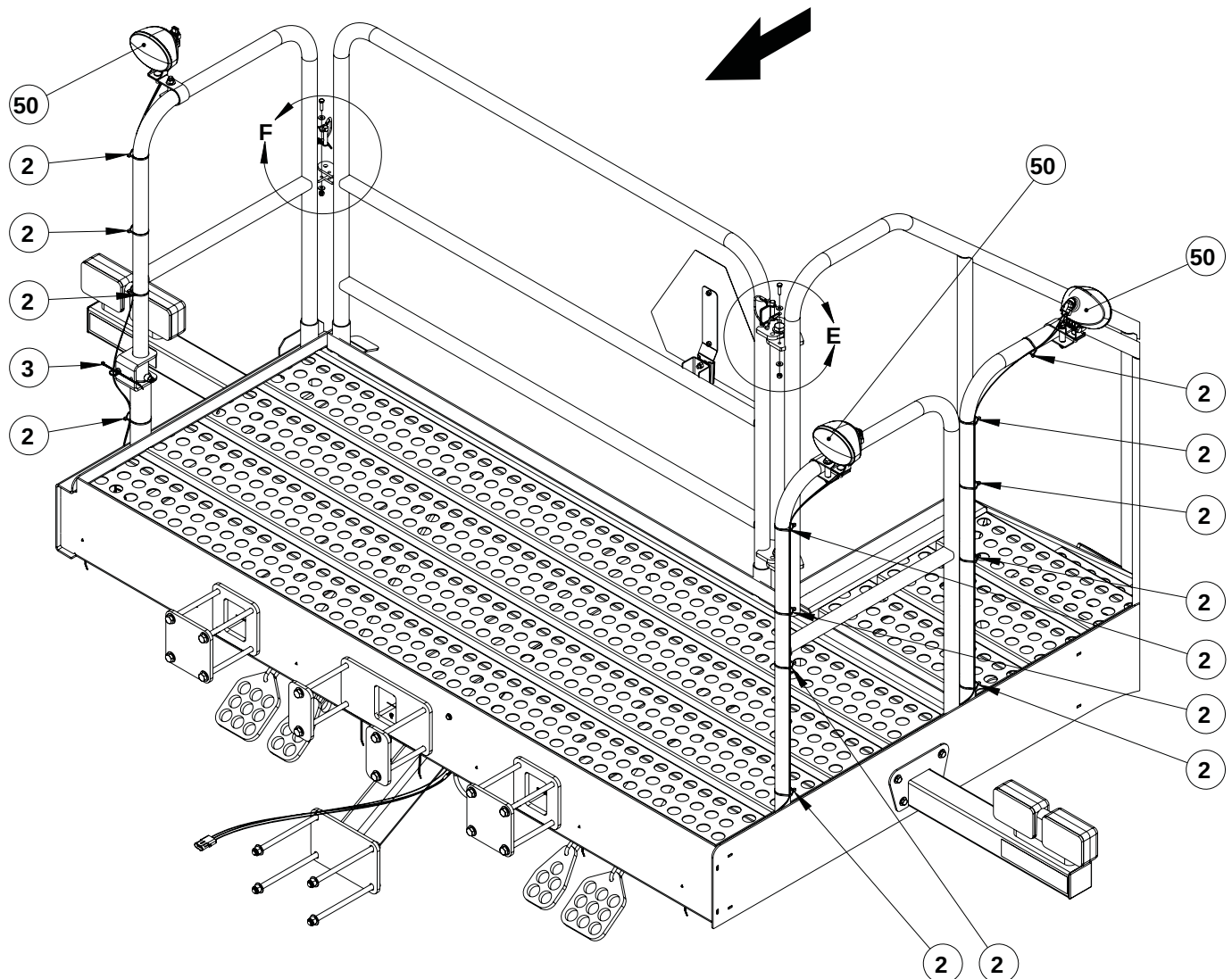


TA00780 Assy, Ladder

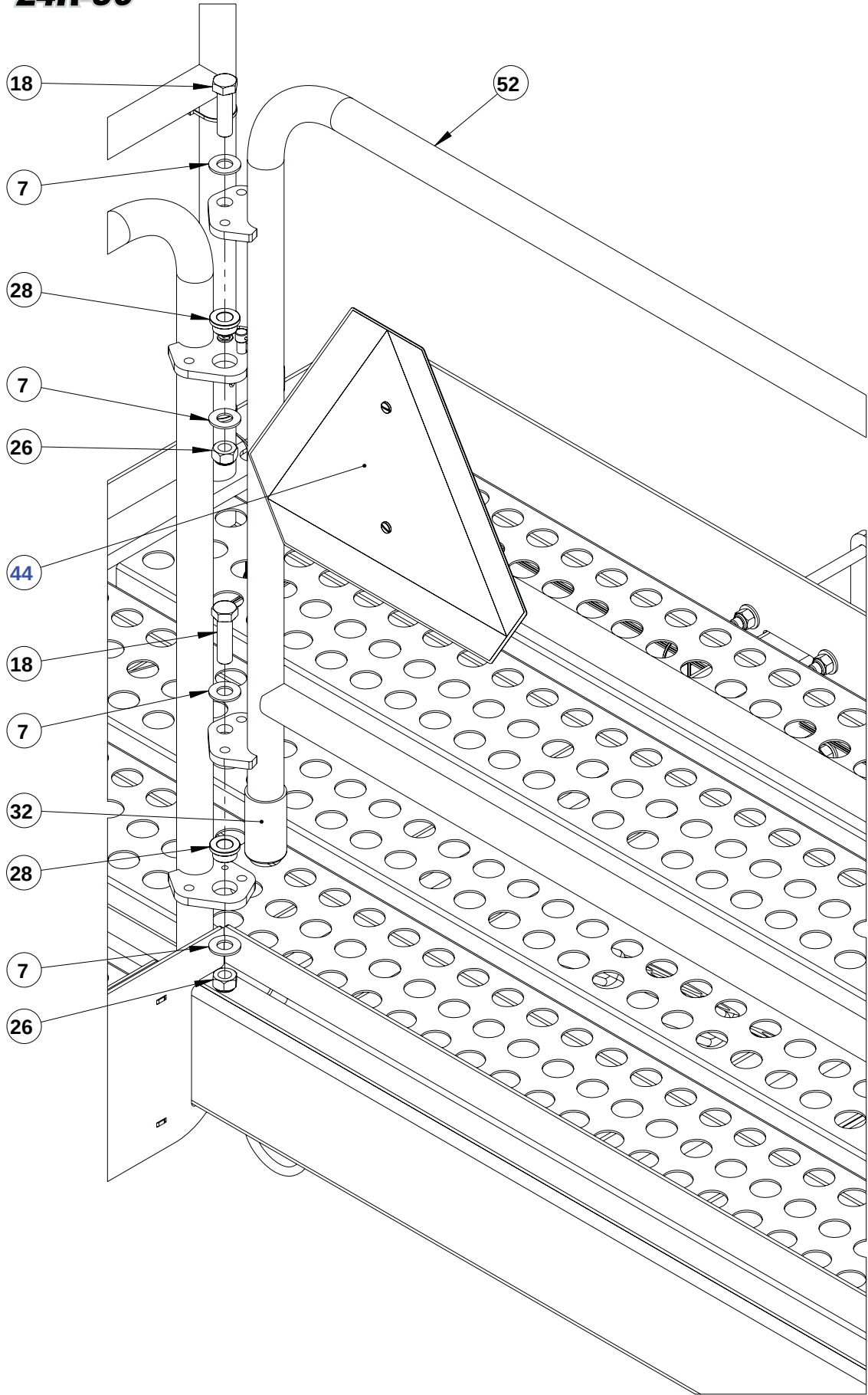
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
2	CableTie .18X7.90-2.000MB	CableTie .18X7.90-2.00Max Bundle	13	
3	CableTie Mount .256-.276 Hole	Assy,CableTie Mnt .031-.276 PT	16	
4	FW-SAE-0.250-YZ	Washer, SAE Flat 1/4-YZ	5	
9	FW-USS-0.313-YZ	Washer, Flat USS 5/16-YZ	6	
11	HBolt-0.2500-20x1.000-YZ8	Bolt, Hex Head 1/4"-20x1.00-YZ8	2	
14	HBolt-0.3750-16x2.500-YZ8	Bolt, Hex Head-3/8-16x2.5-YZ8	3	
21	NLNut-0.2500-20-YZ8	Nut, Nylock 1/4-20-YZ8	3	
24	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	3	
32	T0052167	Cap, Tube Ø1.50 Vinyl	3	
37	T0052290	Brckt, Light Mount	3	
39	T0052346	Spacer, Light Bracket	3	
46	TA00791	Assy, Lynch Pin & Lanyard	2	
49	TA00812	Assy, Tail Light-RH	1	
50	TA00823	Lamp, Work 700F/862-12V	3	

Notes:

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

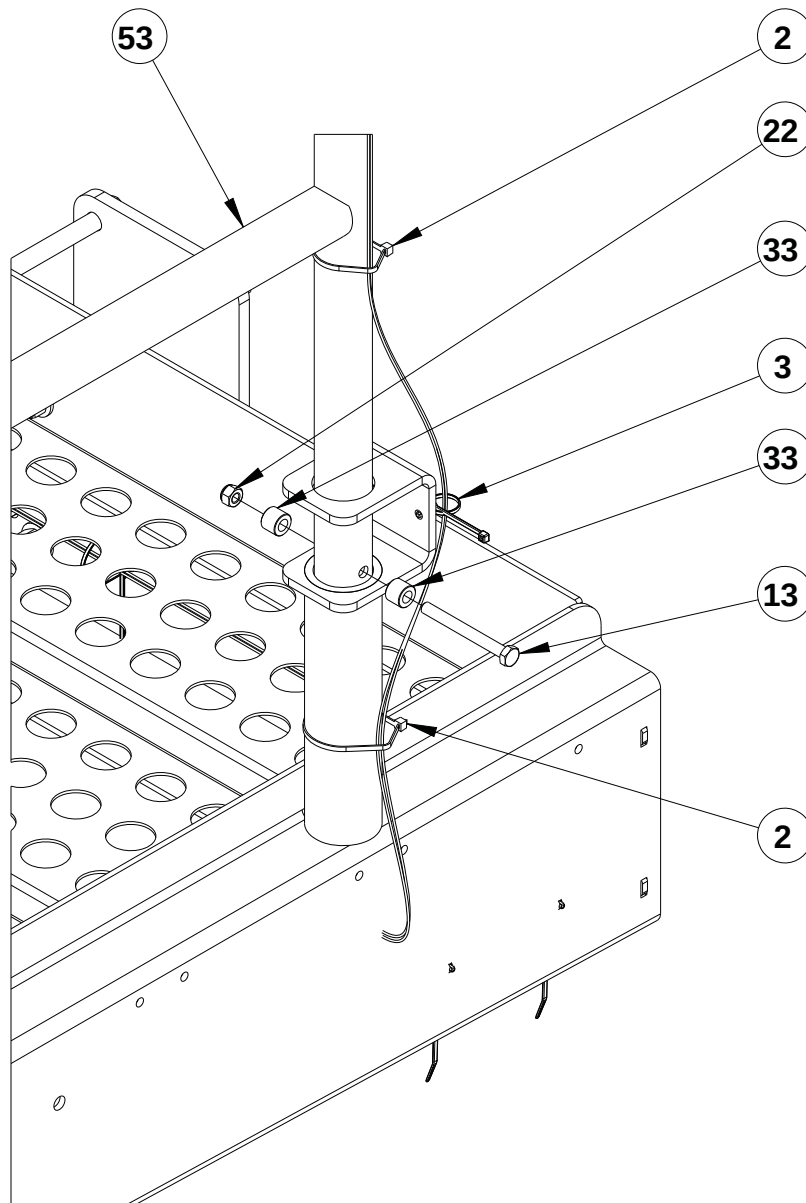


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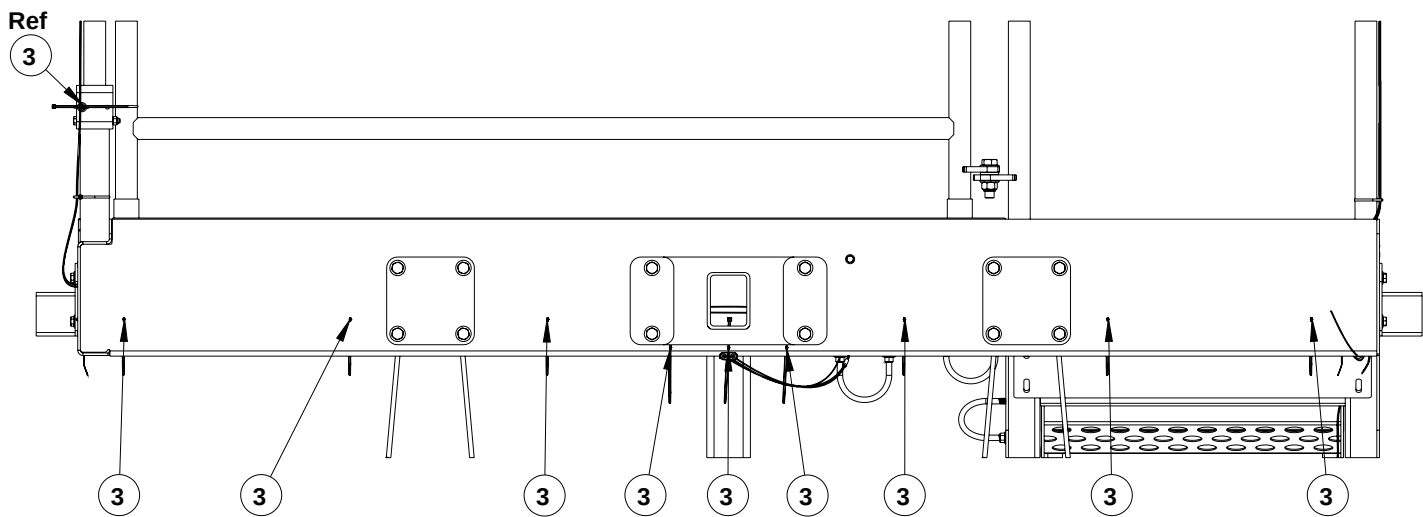


TA00780 Assy, Ladder

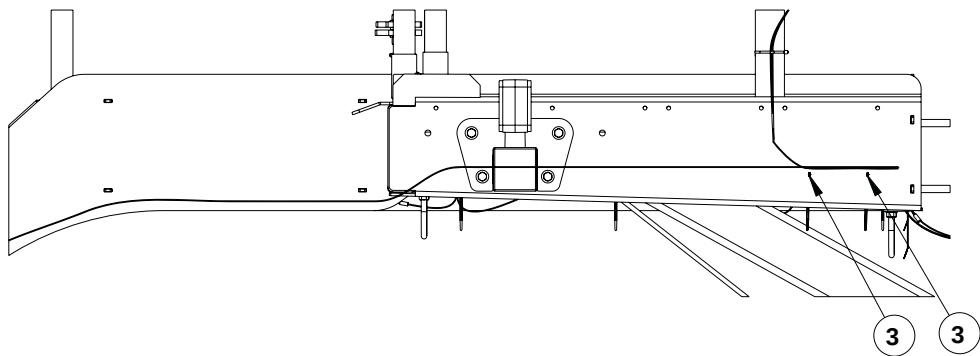
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
2	CableTie .18X7.90-2.000MB	CableTie .18X7.90-2.00Max Bundle	13	
3	CableTie Mount .256-.276 Hole	Assy,CableTie Mnt .031-.276 PT	16	
7	FW-SAE-0.625-YZ	Washer, Flat-SAE-5/8	8	
13	HBolt-0.3125-18x3.000-YZ8	Bolt, Hex Head 5/16-18x3.0-YZ8	1	
18	HBolt-0.6250-11x2.250-YZ8	Bolt, Hex Head-5/8-11x2.25-YZ8	2	
22	NLNut-0.3125-18-YZ8	Nut, Nylock 5/16"-18-YZ8	3	
26	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	6	
28	T0050854	Anti Rotation Insert	6	
32	T0052167	Cap, Tube Ø1.50 Vinyl	3	
33	T0052190	Spacer, End Gate Pivot	2	
44	TA00678	Assy, SMV Sign	1	
52	TW000753	Wldmnt, Railing Rear Hinged	1	
53	TW000755	Wldmnt, Railing Side-RH Rotating	1	



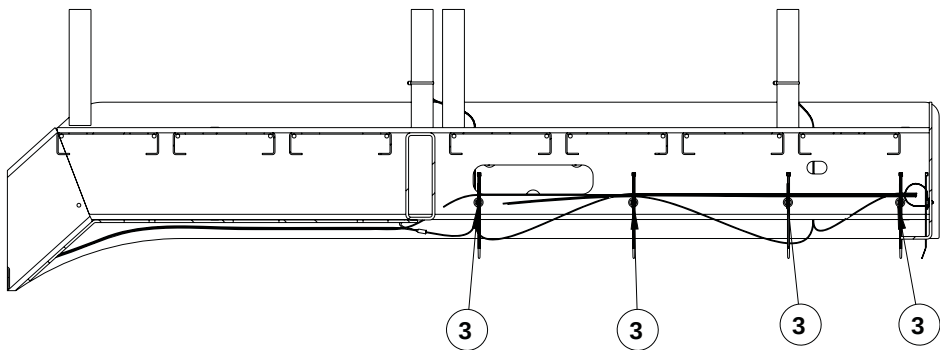
24R-22 24R-30



Cable Tie Mount Locations (Back Side)



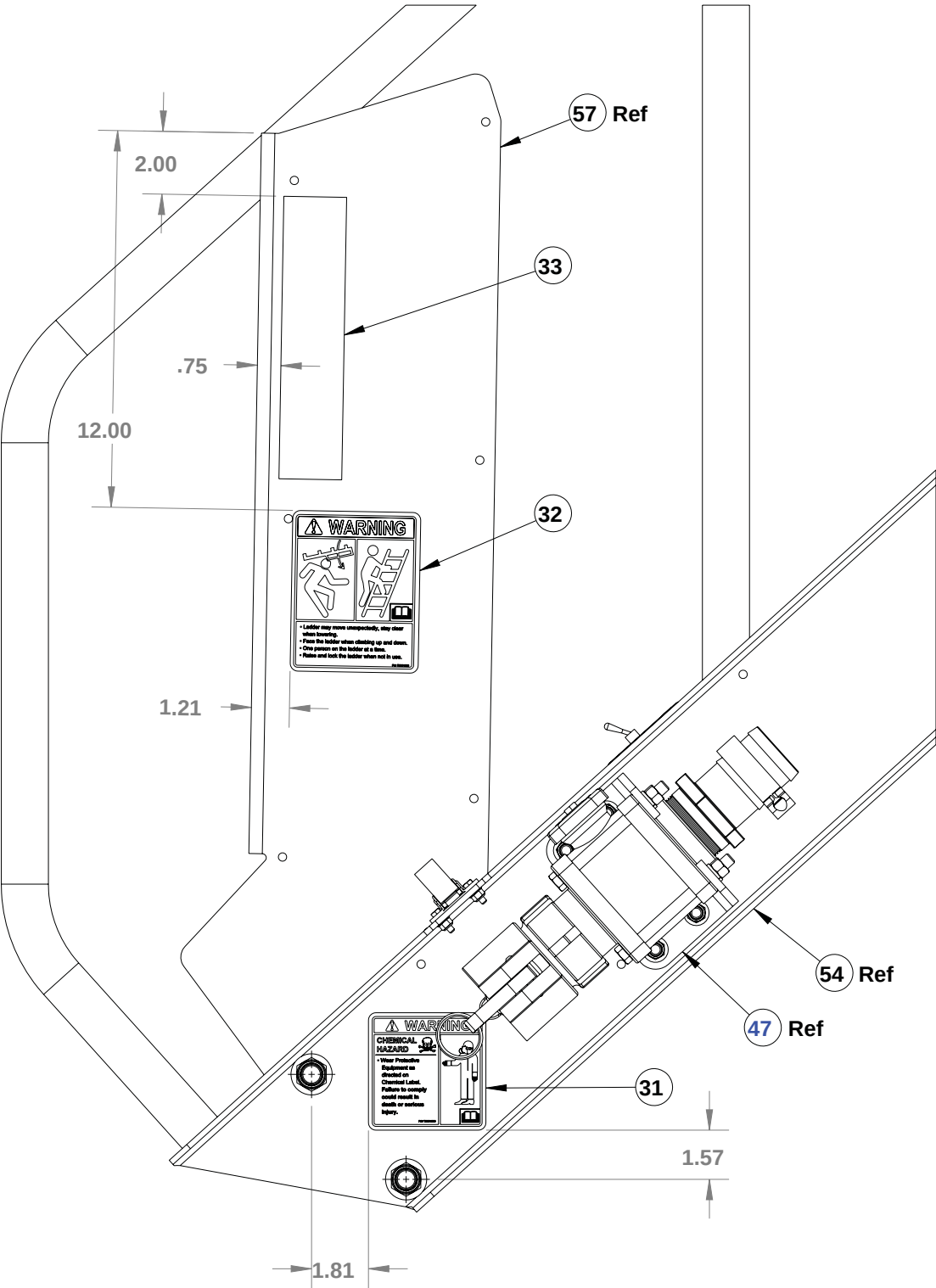
Cable Tie Mount Locations (Right Side)



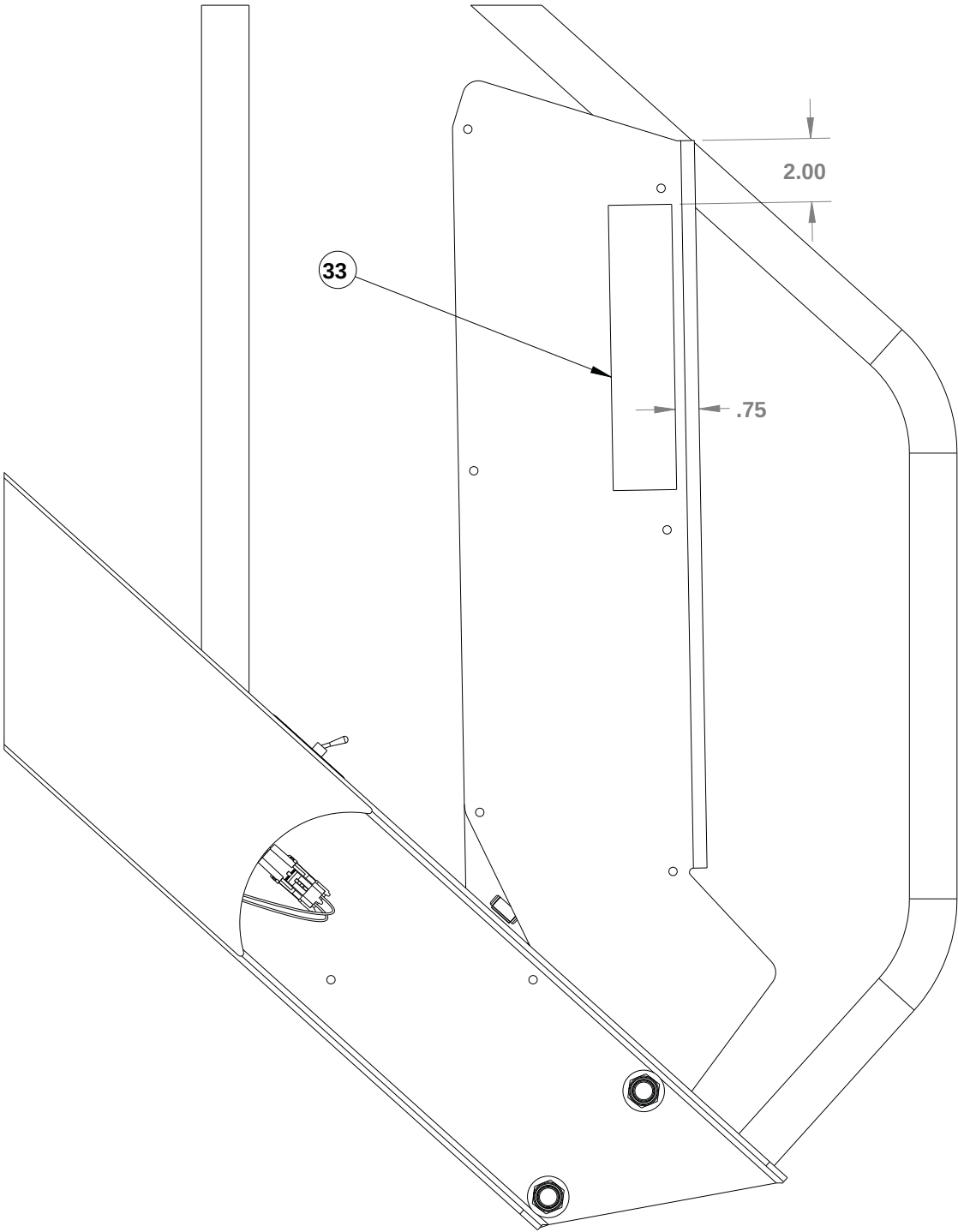
Cable Tie Mount Locations (Left Side, Inside)
SECTION C-C
SCALE 1 : 12

TA00780 Assy, Ladder				
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
3	CableTie Mount .256-.276 Hole	Assy,CableTie Mnt .031-.276 PT	16	

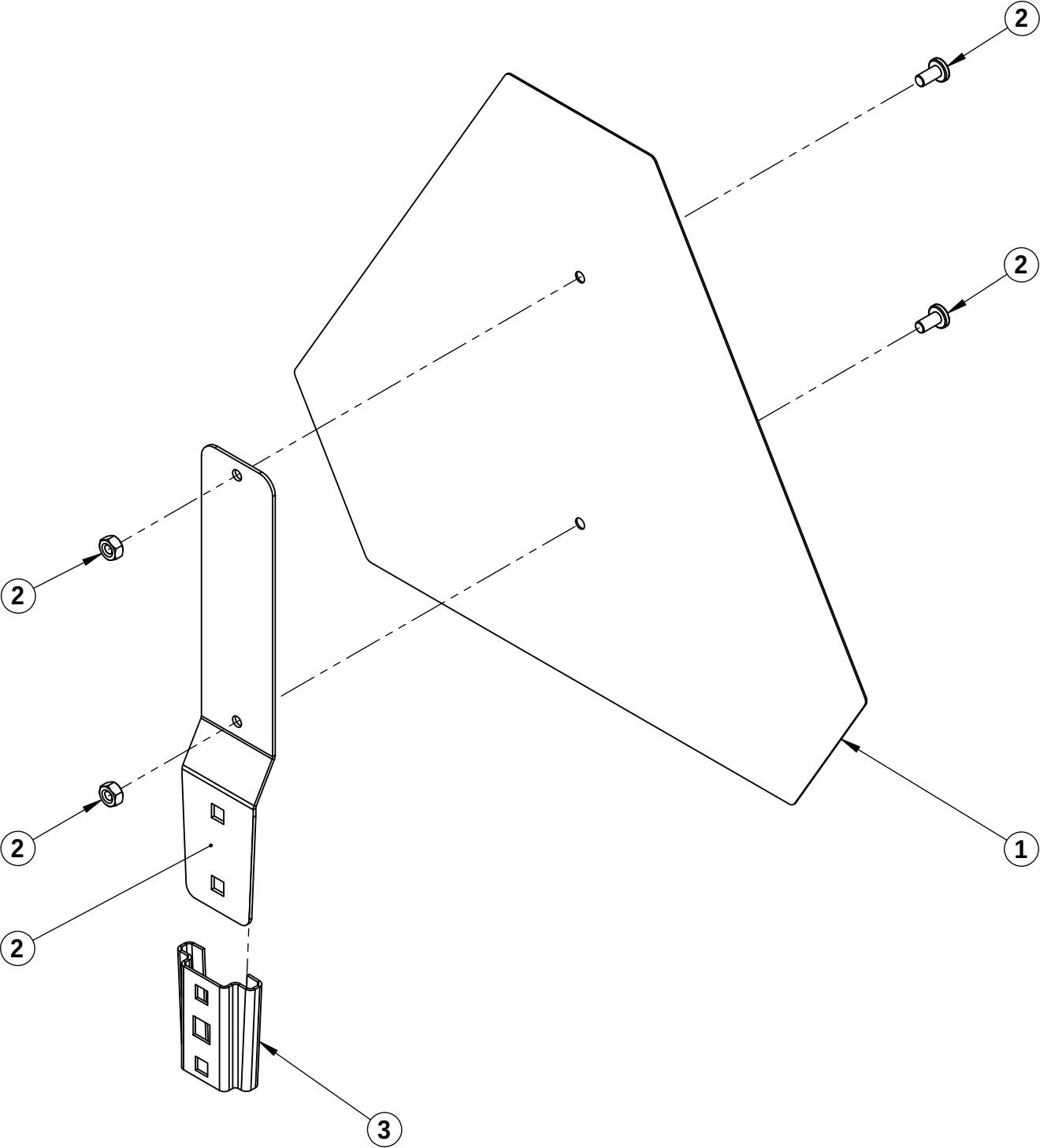
24R-22 24R-30



TA00780 Assy, Ladder				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
31	T0051589	Decal, Warning - Chemical Hazard	1	
32	T0051596	Decal, Warning - Ladder Lowering	1	
33	T0051729	Decal, Reflector, Yellow-2x9	2	
47	TA00693	Assy, Liquid Fert Mount	1	
54	TW000750	Ladder Weldment	1	
57	TW000762	Wldmt, Folding Step Ladder	1	



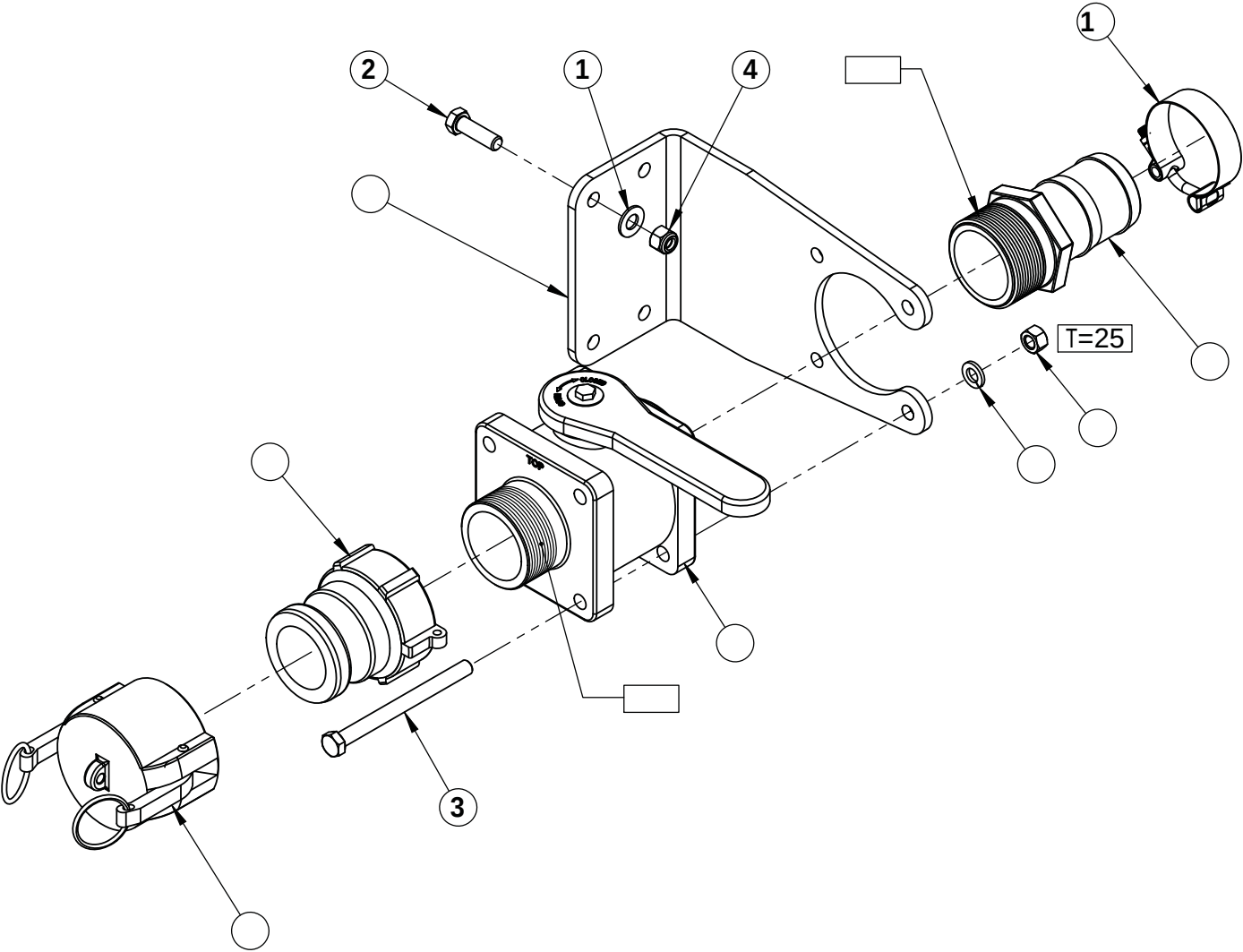
24R-22 24R-30



TA00678 Assy, SMV Sign					
ITEM	PART NUMBER	CNH PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA00670	86547710	Assy, SMV Plate w Decal	1	
2	TA00671	311861A1	Assy, SMV Spade Mount	1	
3	T0051519		Receptacle, Female Spade SMV Sign	1	

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

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TA00693 Assy, Liquid Fert Mount				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.375-YZ	FW-SAE-0.375-YZ	4	
2	HBolt-0.3750-16x1.250-YZ8	HBolt-0.3750-16x1.250-YZ8	4	
3	HBolt-0.3750-16x4.500-SS	HBolt-0.3750-16x4.500-SS	4	
4	NLNut-0.3750-16-YZ8	NLNut-0.3750-16-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	

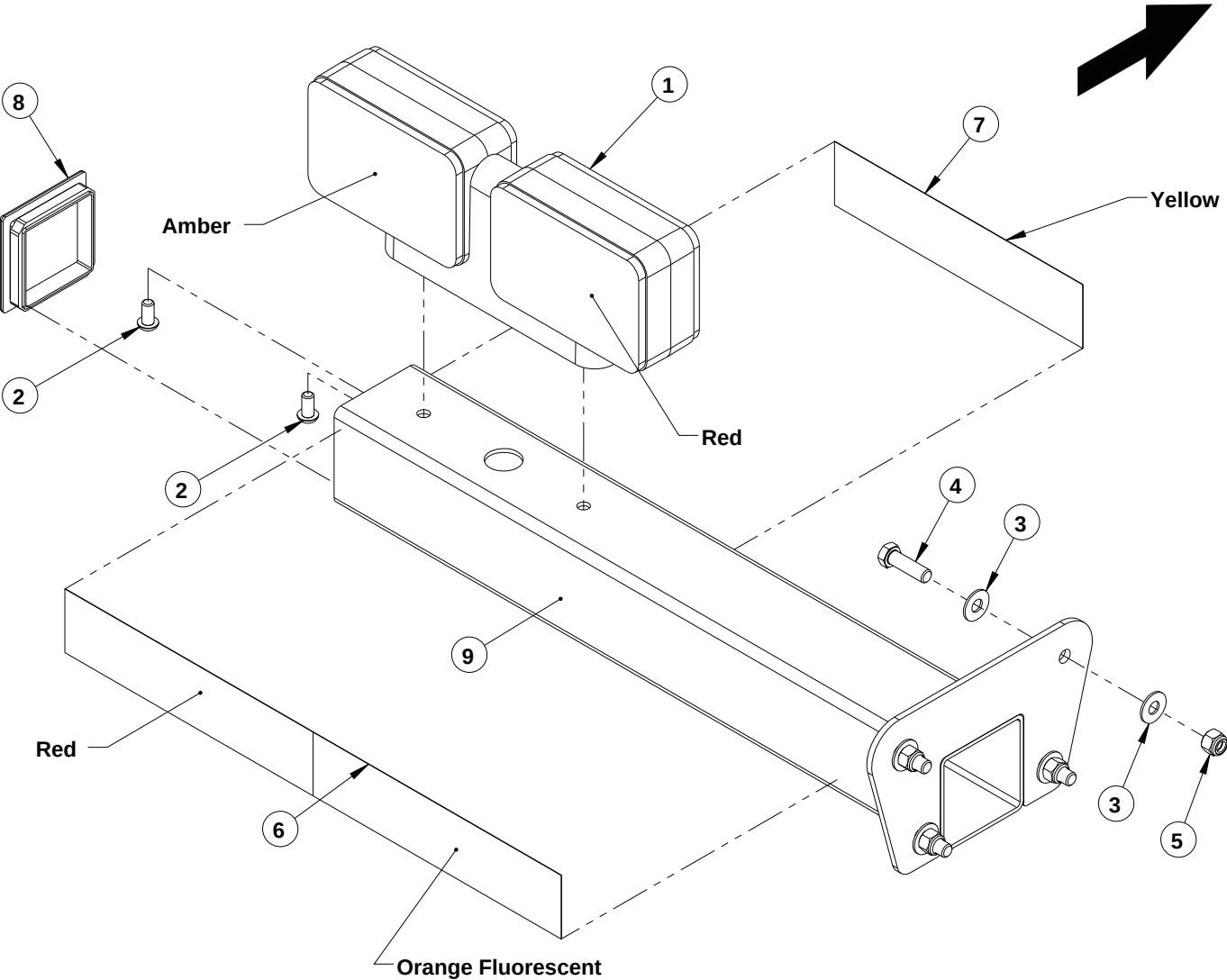
Note:

T = Torque Expressed in-lbs

PTS= Apply Pipe Thread Sealant, use Rectorseal #21 or equivalent.

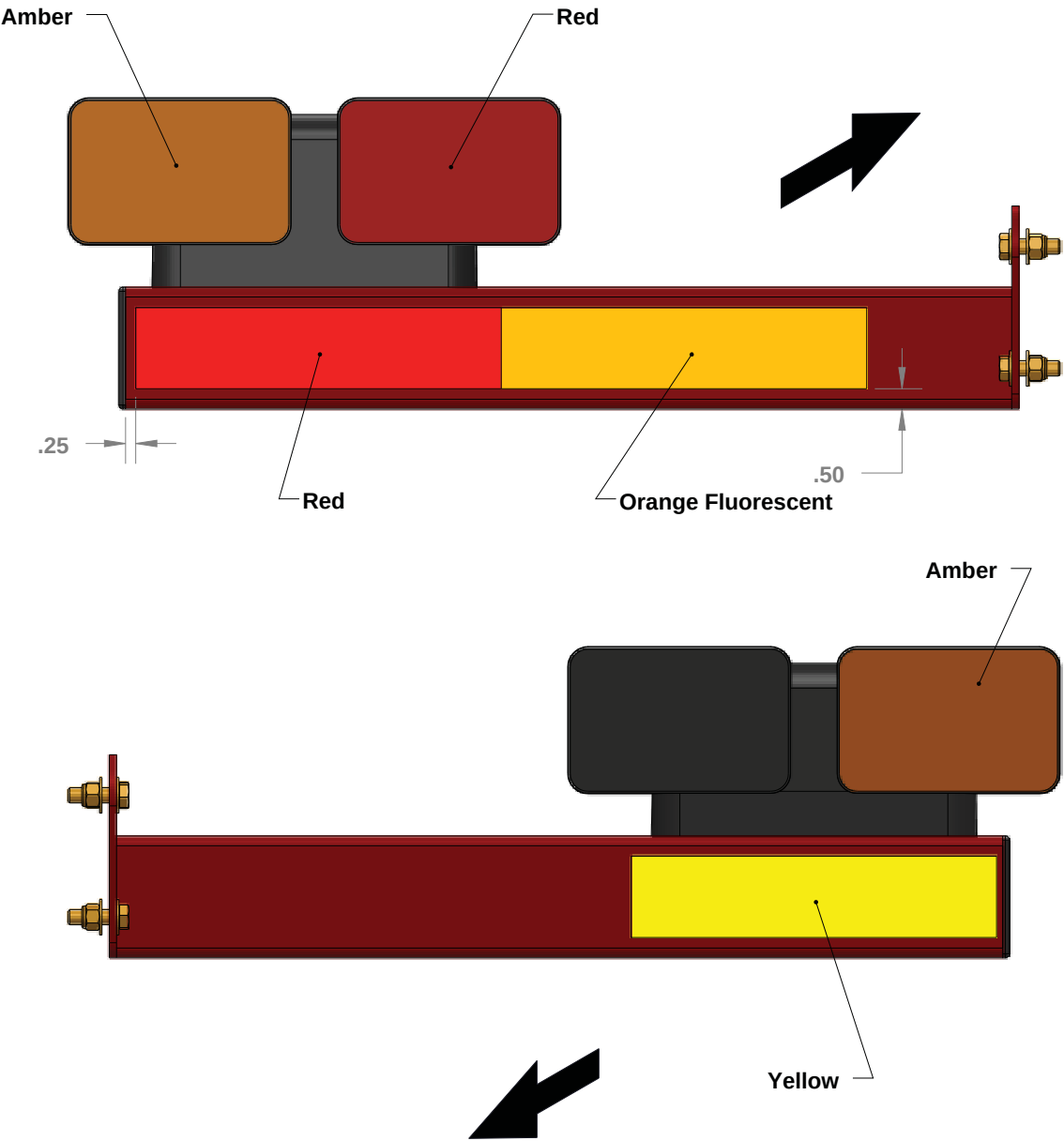
* Items marked with an asterisk, are included with P/N T0051513.

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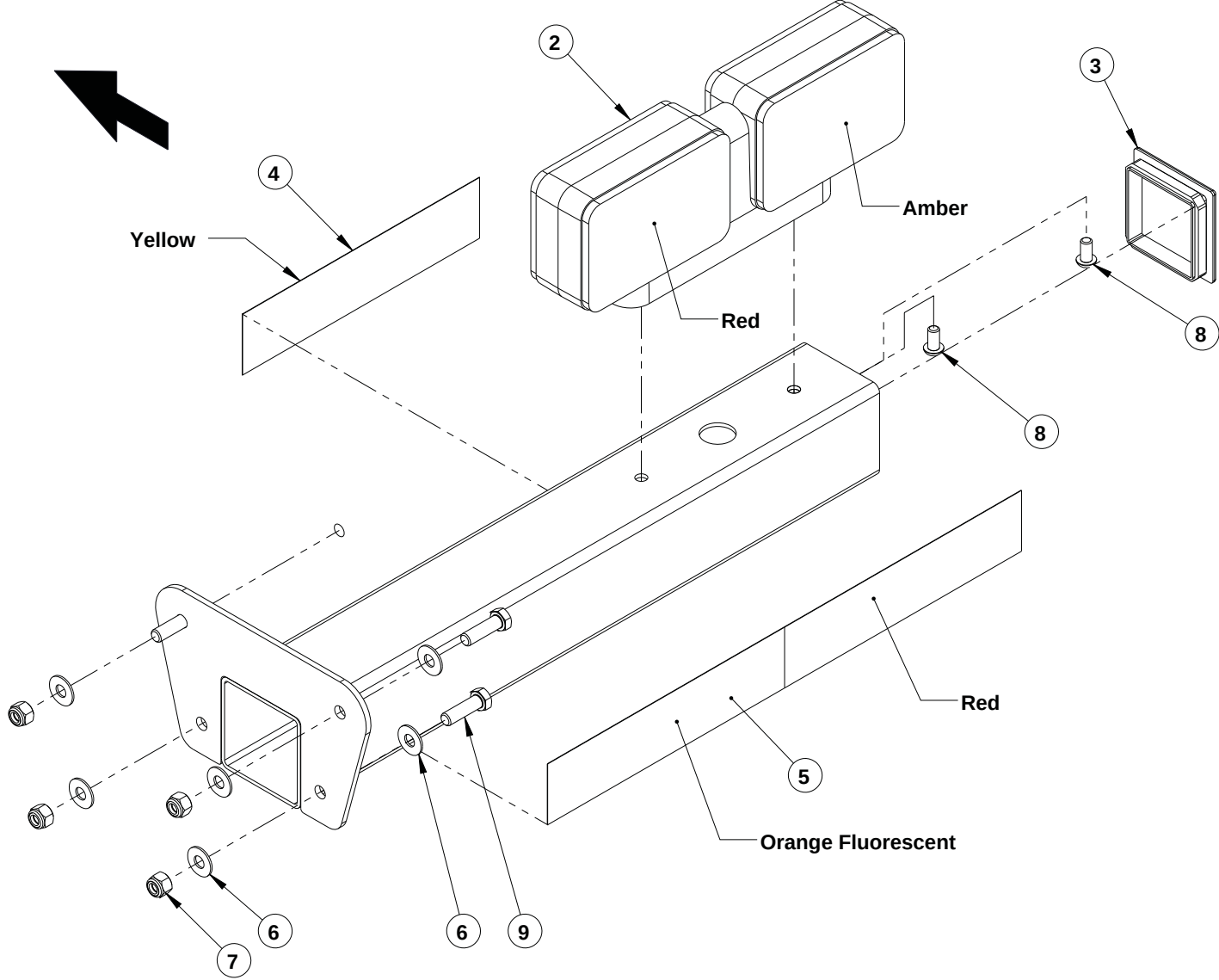


TA00811 Assy, Tail Light-LH

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	86404264	Light Rear LH	1	
2	BHSCS-M8-1.25x16-YZ10.9	BtnSktCpScr M8-1.25x16 YZ10.9	2	
3	FW-USS-0.313-YZ	Washer, Flat USS 5/16-YZ	8	
4	HBolt-0.3750-16x1.250-YZ8	Bolt, Hex Head, 3/8-16x1.25-YZ8	4	
5	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	4	
6	T0051727	Decal, Refl Red,Orange-2x18	1	
7	T0051729	Decal, Reflector,Yellow-2x9	1	
8	T0052333	Plug, Square Tube - Finish	1	
9	TW000776	Wldmt, Tail Light Brkt	1	

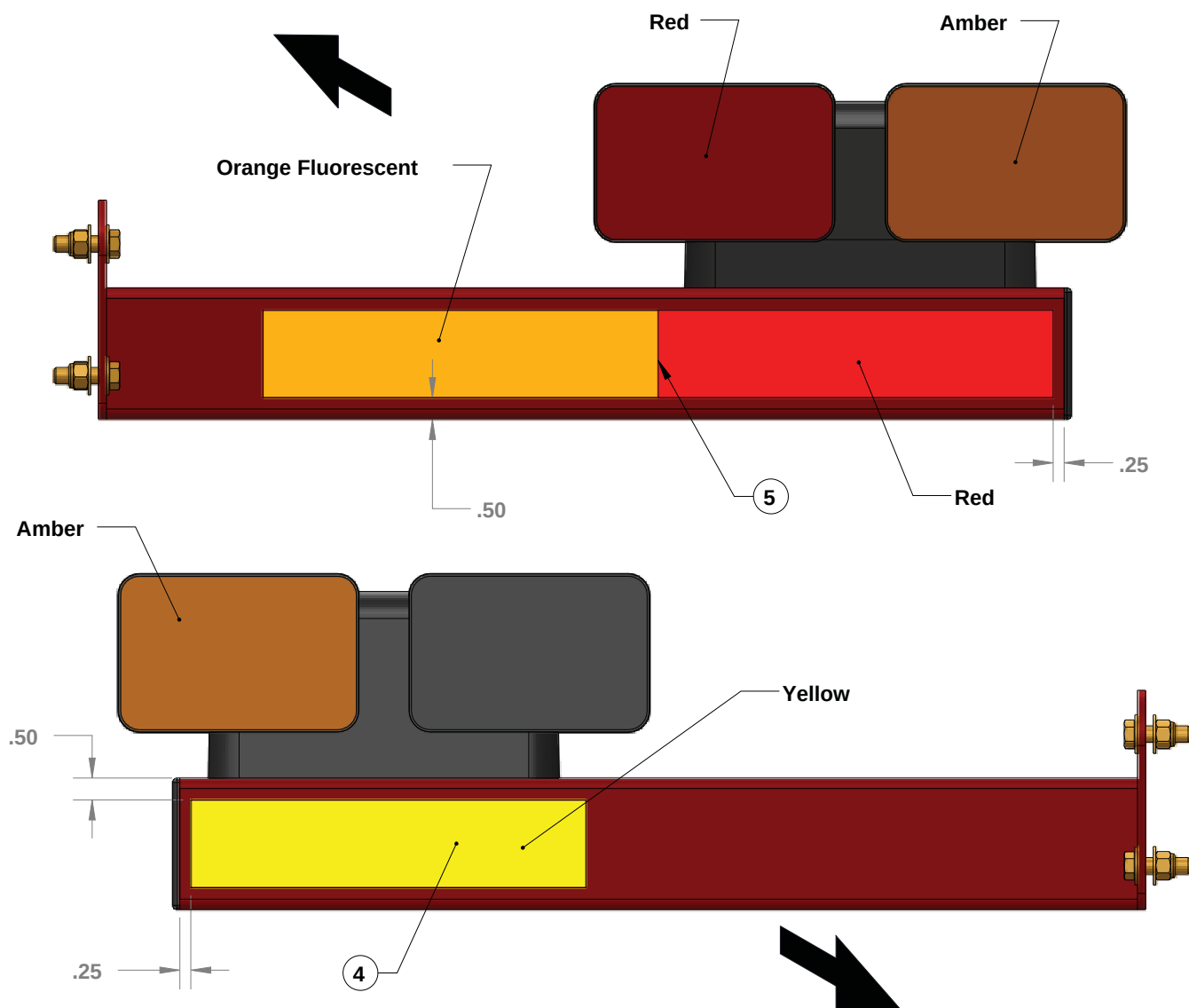


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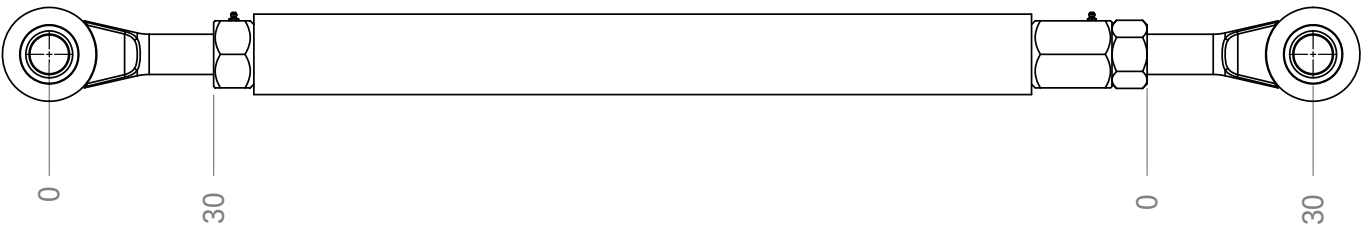
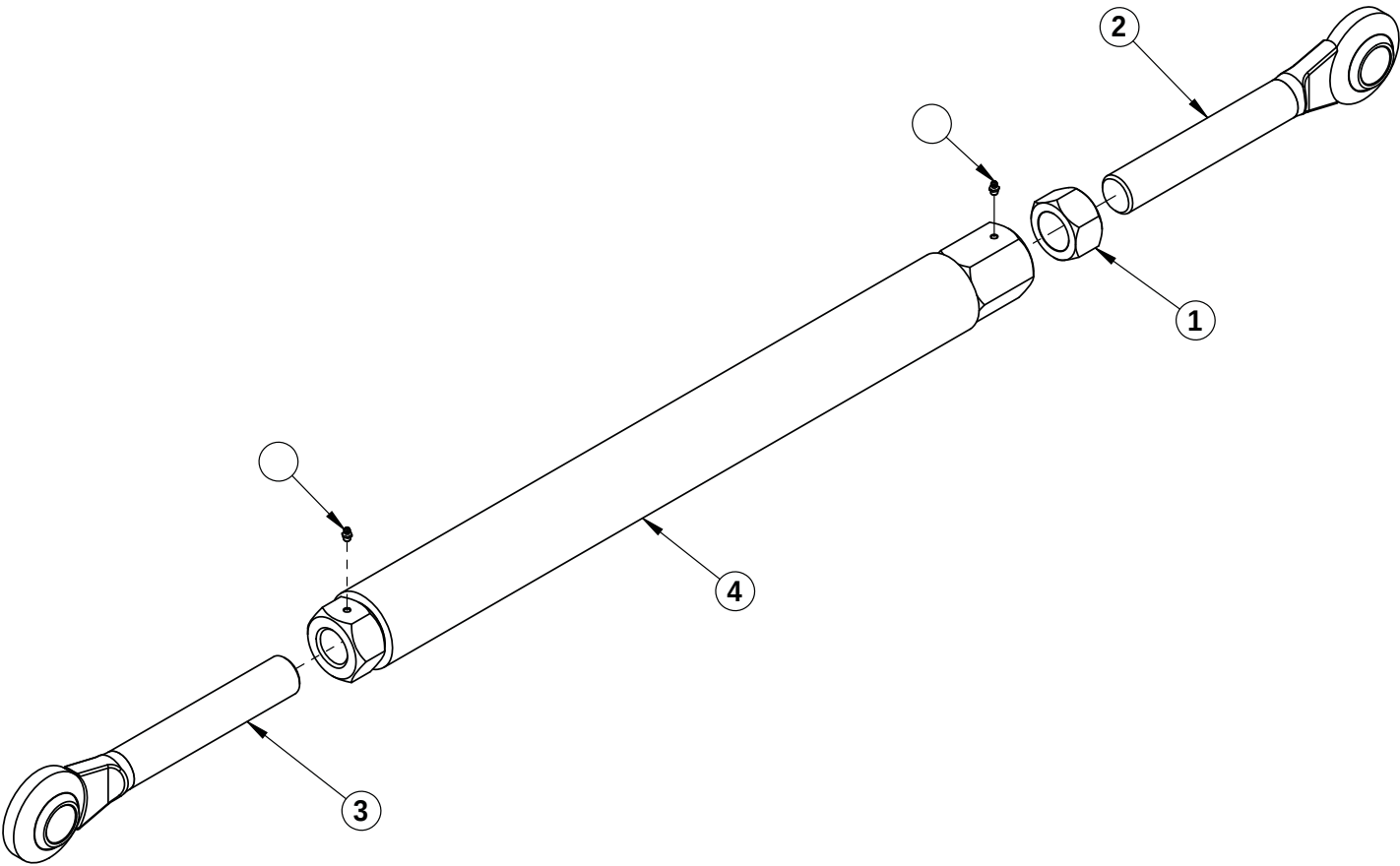


TA00812 Assy, Tail Light-RH

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-0.313-YZ	Washer, Flat USS 5/16-YZ	8	
7	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	4	
8	BHSCS-M8-1.25x16-YZ10.9	BtnSktCpScr M8-1.25x16 YZ10.9	2	
9	HBolt-0.3750-16x1.250-YZ8	Bolt, Hex Head, 3/8-16x1.25-YZ8	4	

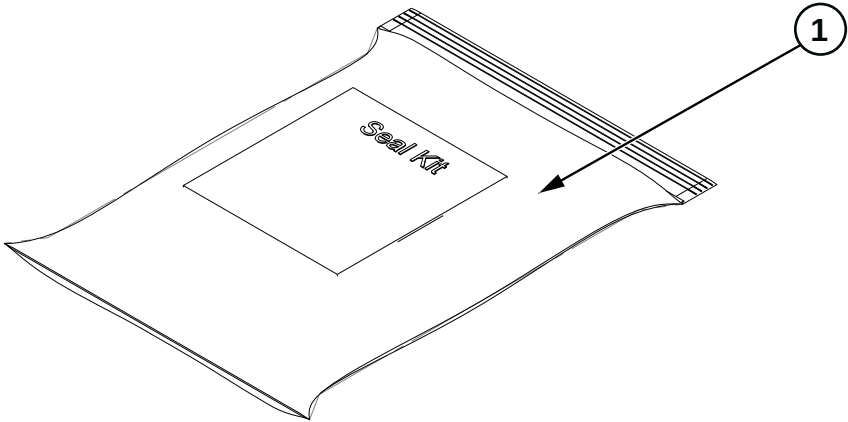
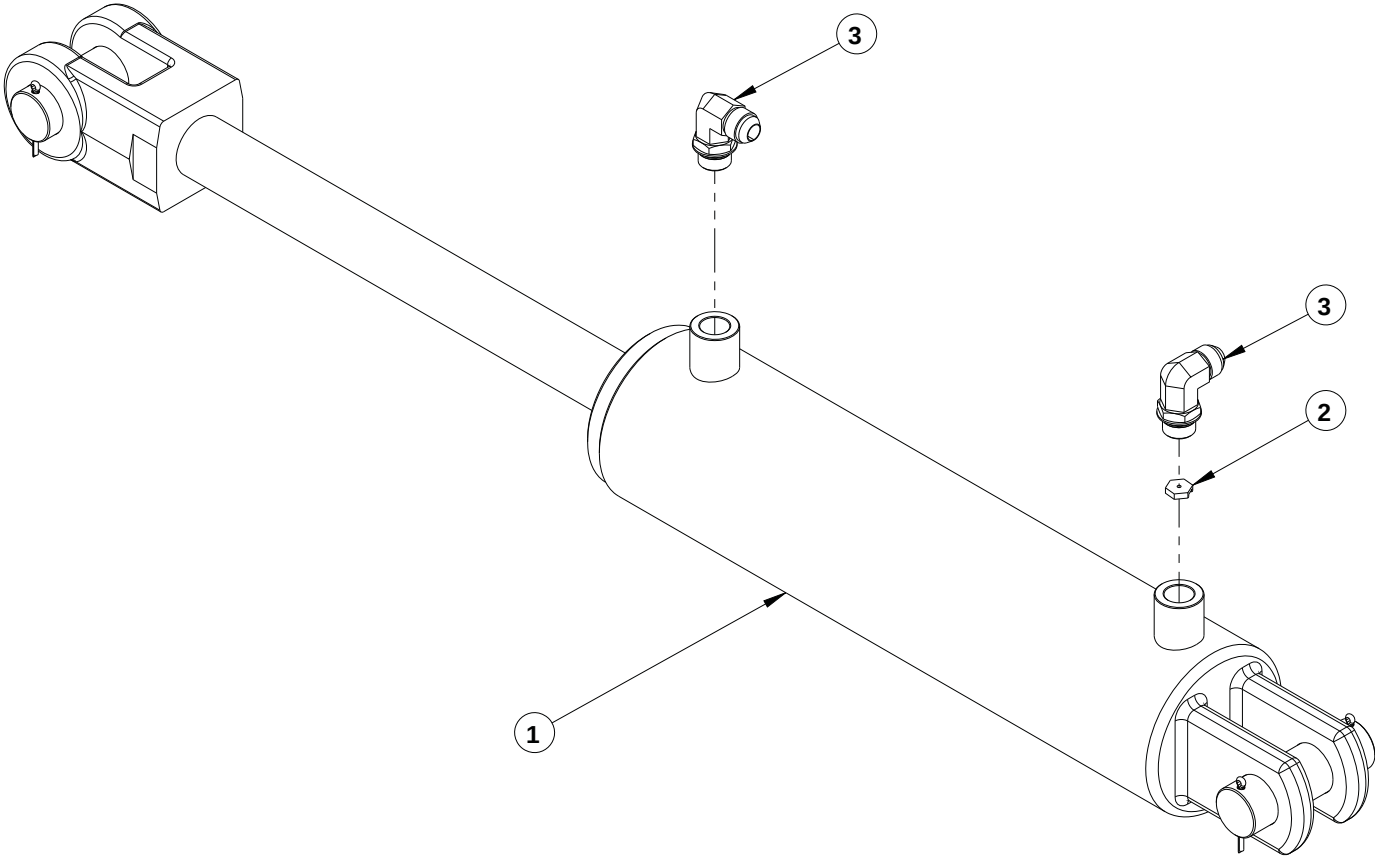


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TA00613 Upper Link Assy				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TW000618	Upper Link Weldment	1	
2	T0051213	RH End Link	1	
3	T0051214	LH End Link	1	
4	HNut-1.5000-6-YZ8	HNut-1.5000-6-YZ8	1	
5	Zerk-0.2500-28	Zerk-0.2500-28	2	

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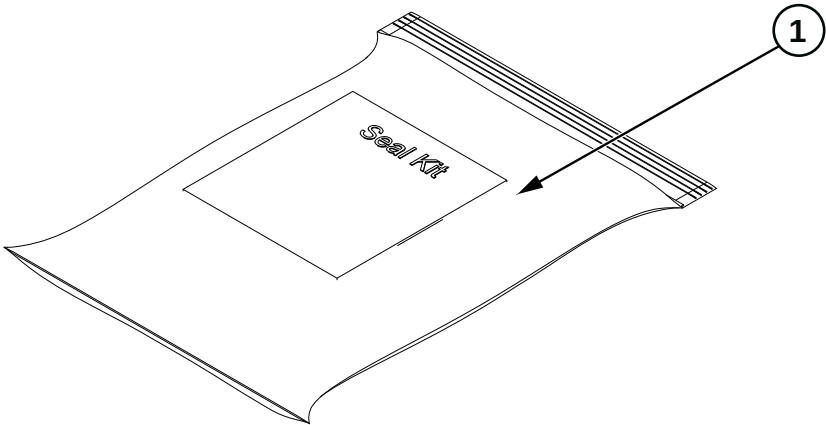
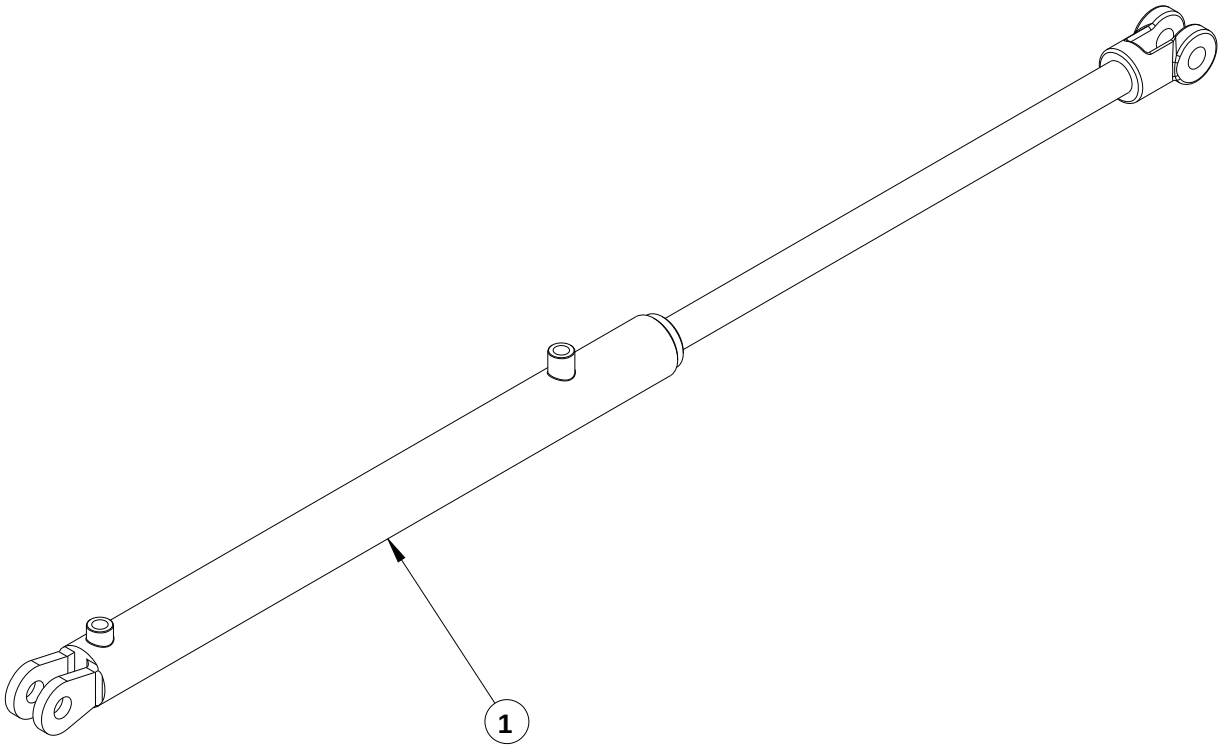
TA00920 Assy, Cylinder-Hyd 3.75X14.00

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA00545	Cylinder-Hyd 3.75X14.00 Reph	1	
2	T0052365	Orifice Disc #8-.089"	1	
3	ADAPTER 08MJ-08MB 90	ADAPTER 08MJ-08MB 90	2	52

Cylinder Seal Kit For TA00920

ITEM	PART NUMBER	DESCRIPTION
1	T0051764	Seal Kit, 3.75" Bore Reph

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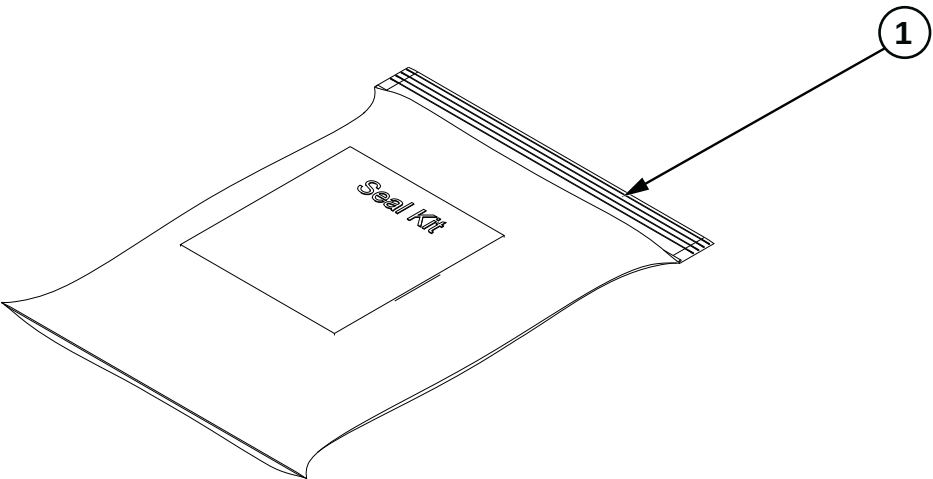
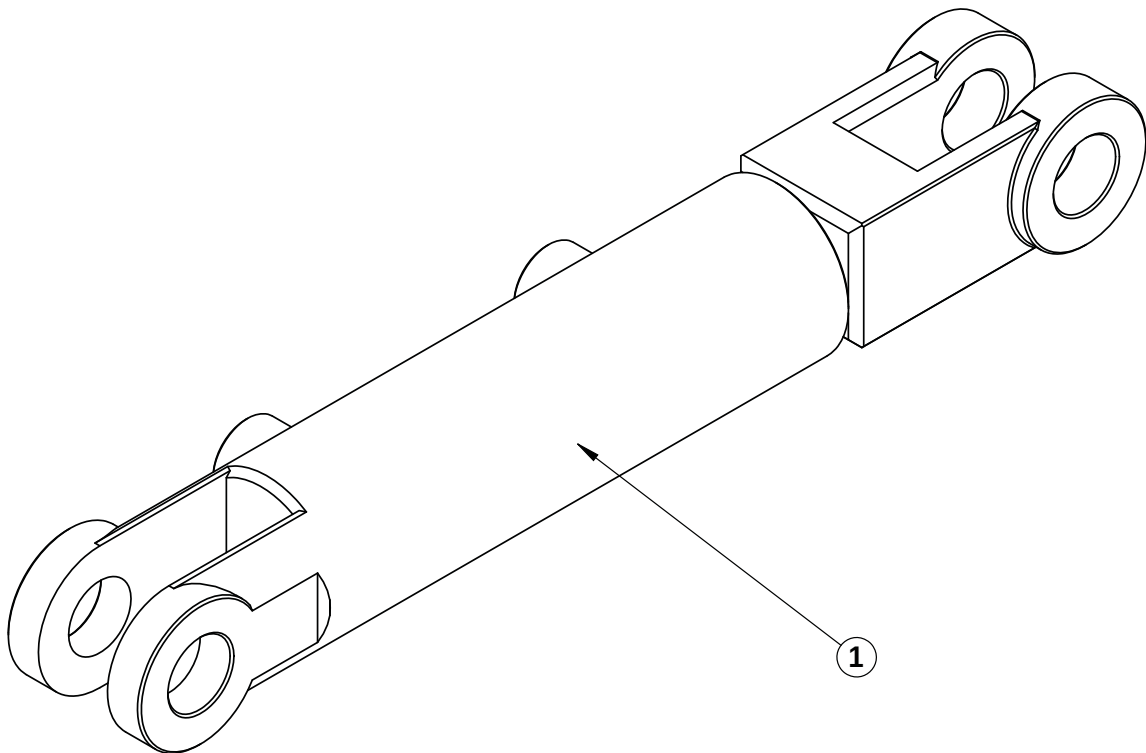
TA00723 Cylinder-Hyd 2.50X26.46 Reph

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TA00723	Cylinder-Hyd 2.50X26.46 Reph	1	

Cylinder Seal Kit For TA00723

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	T0052797	Seal Kit, 2.5" Cyl Reph	1

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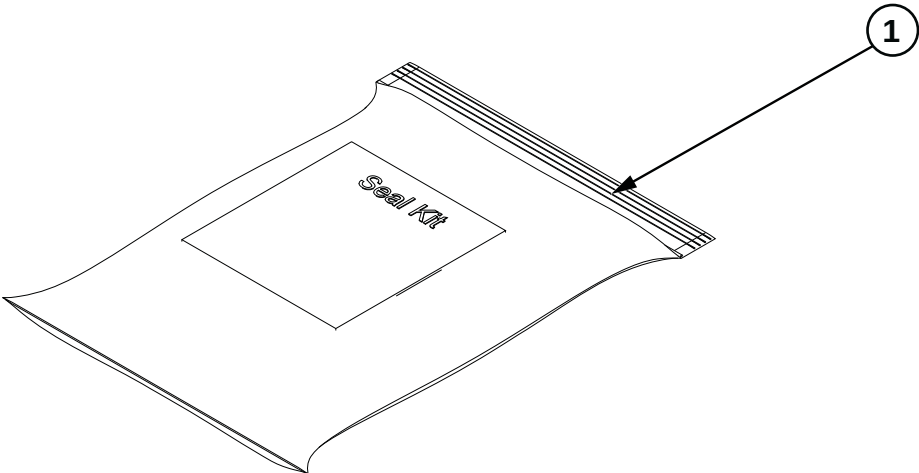
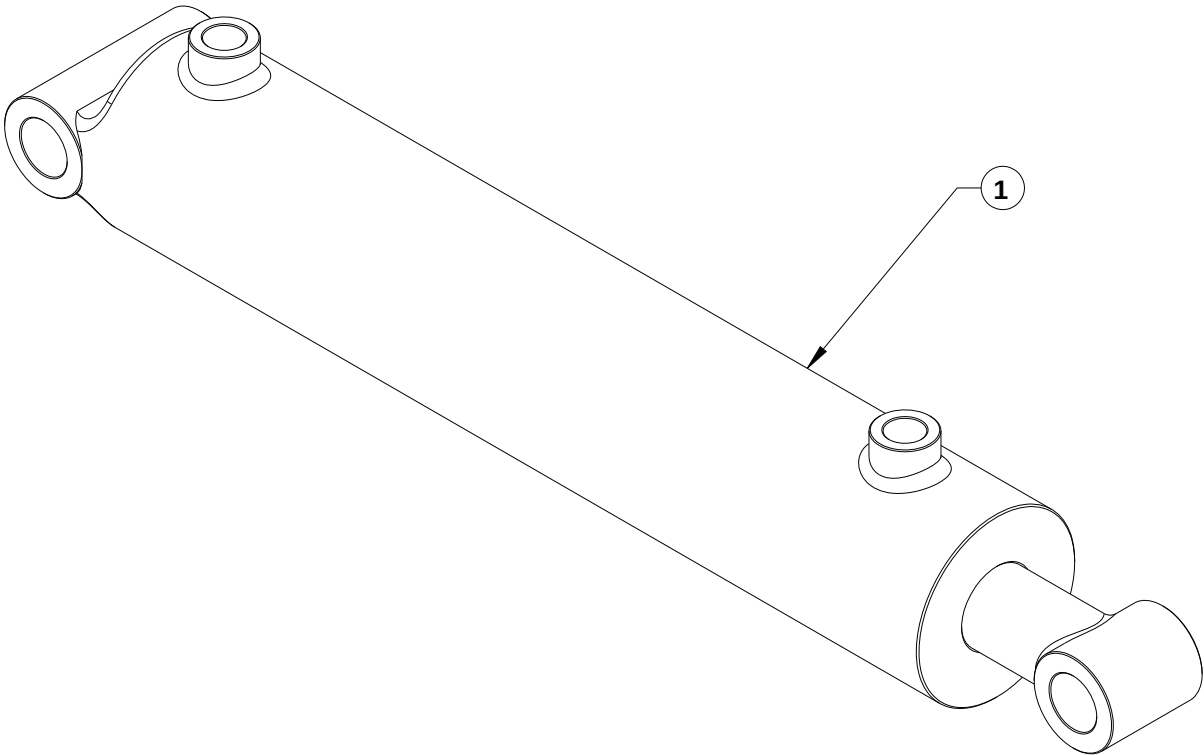
TA00632 Cylinder-Hyd 2.00X4.00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	TA00632	Cylinder-Hyd 2.00X4.00	1

Cylinder Seal Kits For TA00632

ITEM	PART NUMBER	DESCRIPTION
1	T0051766	Seal Kit, 2.0" Bore

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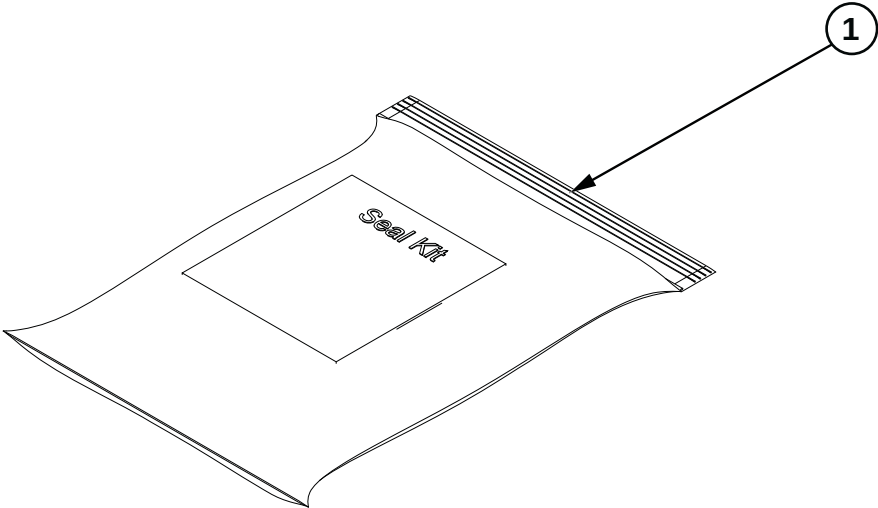
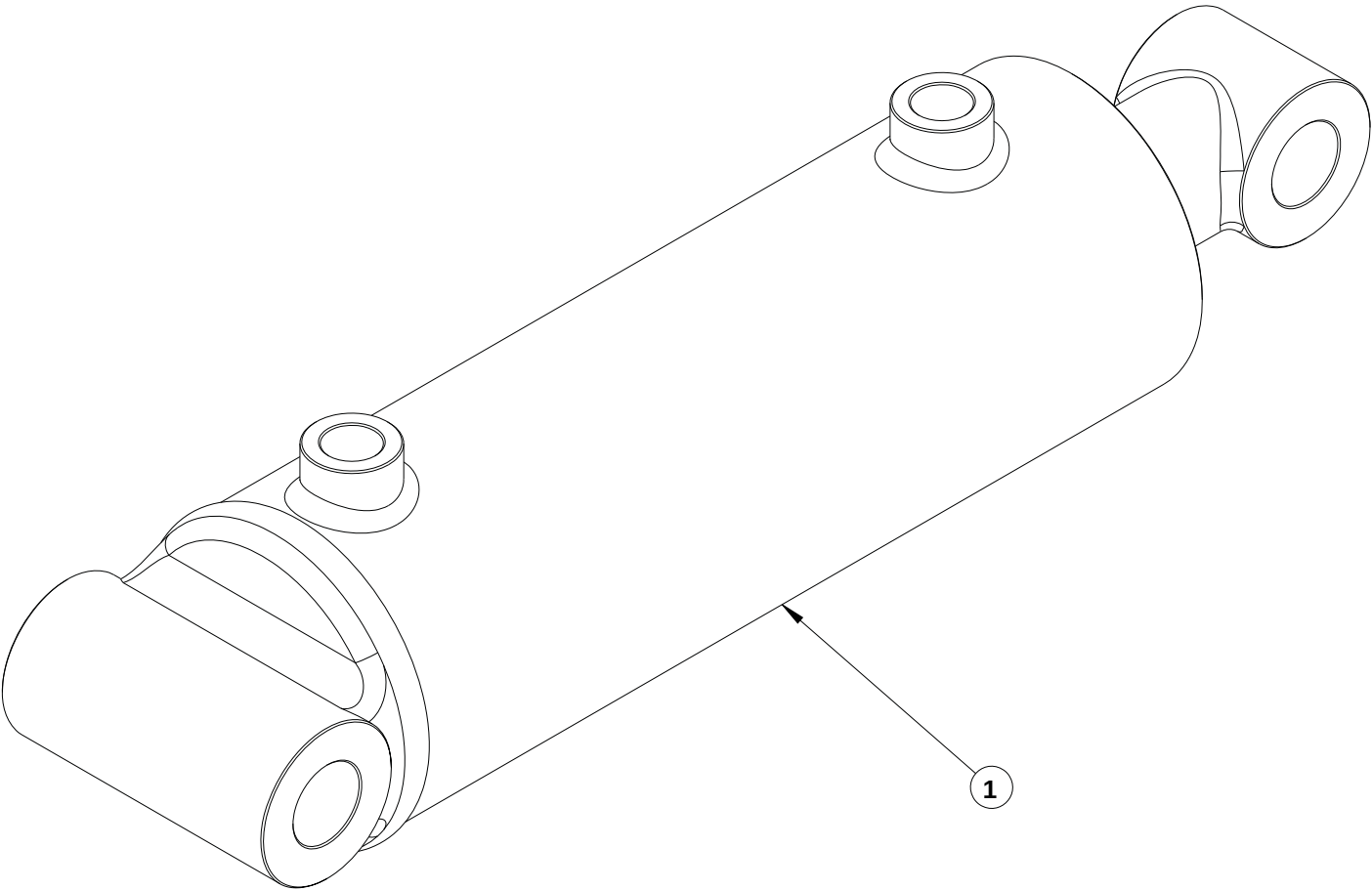
TA00853 Cylinder-Hyd 3.00X14.00

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	TA00853	Cylinder-Hyd 3.00X14.00	1

Cylinder Seal Kit For TA00853

ITEM	PART NUMBER	DESCRIPTION
1	T0051765	Seal Kit, 3.0" Bore

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TA00842 Cylinder-Hyd 3.50X8.00

ITEM	PART NUMBER	DESCRIPTION	QTY
1	TA00842	Cylinder-Hyd 3.50X8.00	1

Cylinder Seal Kit For TA00842

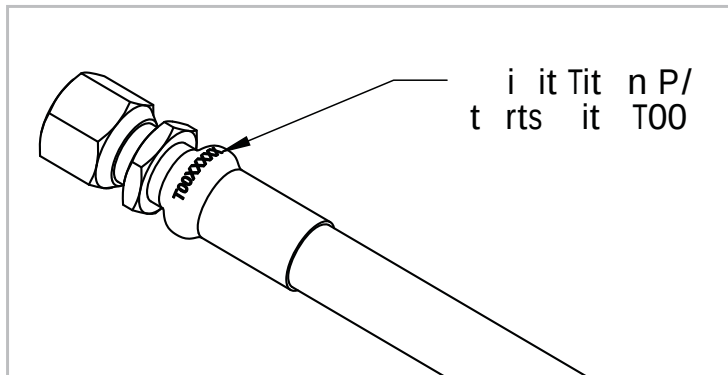
ITEM	PART NUMBER	DESCRIPTION
1	T0052798	Seal Kit, 3.5" Bore

24R-22**Hydraulic Hose**

P/N	Desc	Location	Position 1 Port		Position 2 Port	
T0052475	Hose 0.38-028-08FJX-08FJX	Center Toolbar	L&F Valve	LCW	LH Center Lift Cyl	Base
T0052475	Hose 0.38-028-08FJX-08FJX	Center Toolbar	L&F Valve	RCW	RH Center Lift Cyl	Base
T0052478	Hose 0.38-040-08FJX-08FJX	Center Toolbar	L&F Valve	LCWX	LH Center Lift Cyl	Rod
T0052478	Hose 0.38-040-08FJX-08FJX	Center Toolbar	L&F Valve	RCWX	RH Center Lift Cyl	Rod
T0052469	Hose 0.25-024-06FJX-06FJX	Front Frame	Cradle Lift (Tee)	Base	Hitch Latch Cyl	Base
T0052470	Hose 0.25-029-06FJX-06FJX	Front Frame	Cradle Lift (Tee)	Rod	Hitch Latch Cyl	Rod
T0052472	Hose 0.38-232-06FJX-06FJX	Front Frame	L&F Valve	CL	Cradle Lift (Tee)	Base
T0052472	Hose 0.38-232-06FJX-06FJX	Front Frame	L&F Valve	CLX	Cradle Lift (Tee)	Rod
T0052468	Hose 0.25-023-06FJX-06FJX 45	Front Frame	Cradle Lift (Tee)	Base	Rear Cradle Lift Cyl	Base
T0052474	Hose 0.38-026-06FJX-06FJX	Front Frame	BF Valve	PBY	Fert Valve	P
T0051402	Hose 0.38-021-06FJX-06FJX	Front Frame	Fert Valve	M	Fert Motor	B
T0052471	Hose 0.25-032-06FJX-06FJX	Front Frame	Cradle Lift (Tee)	Rod	Rear Cradle Lift Cyl	Rod
T0052474	Hose 0.38-026-06FJX-06FJX	Front Frame	BF Valve	T2	Fert Motor	A
T0052467	Hose 0.25-019-06FJX-06FJX 45	Front Frame	Cradle Lift (Tee)	Base	Front Cradle Lift Cyl	Base
T0052470	Hose 0.25-029-06FJX-06FJX	Front Frame	Cradle Lift (Tee)	Rod	Front Cradle Lift Cyl	Rod
T0052480 (2)	Hose 0.38-084-08FJX-08FJX	Front Hitch	RH Bulkhead		1/2" Tip	
T0052534	Hose 0.50-090-08FJX-08FJX	Front Hitch	RH Bulkhead		Case Drain Tip	
T0052504	Hose 0.75-084-12FJX-12FJX	Front Hitch	LH Bulkhead		3/4" Tip	
T0052497 (3)	Hose 0.50-084-08FJX-08FJX	Front Hitch	LH & RH Bulkhead		1/2" Tip	
T0051430	Hose 0.50-322-08FJX-08FJX	LH Tow Bar	Case Drain Cross (LH)		LH Bulkhead 2	
T0052501	Hose 0.50-343-08FJX-08FJX	LH Tow Bar	LH Multi-Valve	P1	LH Bulkhead 3	
T0052500	Hose 0.50-333-08FJX-08FJX	LH Tow Bar	BF Supply Connecn	--	LH Bulkhead 4	
T0052505	Hose 0.75-326-12FJX-12FJX	LH Tow Bar	LH Return Tee	--	LH Bulkhead 1	
T0051430	Hose 0.50-322-08FJX-08FJX	RH Tow Bar	Case Drain Tee (RH)		RH Bulkhead 2	
T0052501	Hose 0.50-343-08FJX-08FJX	RH Tow Bar	RH Multi-Valve	P1	RH Bulkhead 3	
T0052503	Hose 0.63-347-10FJX-12FJX	RH Tow Bar	RH Multi-Valve	T1	RH Bulkhead 1	
T0052491	Hose 0.38-459-08FJX-08FJX	RH Tow Bar	L&F Valve	In	RH Bulkhead 4	
T0052491	Hose 0.38-459-08FJX-08FJX	RH Tow Bar	L&F Valve	Out	RH Bulkhead 5	
T0052502	Hose 0.63-022-10FJX-12FJX	LH Wing	LH Multi-Valve	T1	LH Return Tee	--
T0052476	Hose 0.38-030-06FJX-06FJX	LH Wing	LH Multi-Valve	S1	LH Meter Master	A
T0052479	Hose 0.38-054-06FJX-08FJX	LH Wing	Case Drain Cross (LH)		LH Vac Fan	CD
T0052495	Hose 0.50-074-08FJX-08FJX	LH Wing	LH Multi-Valve	M1	LH Vac Fan	In
T0052495	Hose 0.50-074-08FJX-08FJX	LH Wing	LH Multi-Valve	M2	LH Vac Fan	Out
T0052494	Hose 0.50-073-10FJX-10FJX	LH Wing	LH Multi-Valve	T2	LH Wing Wheel Dr	T
T0052481	Hose 0.38-118-06FJX-08FJX	LH Wing	Case Drain Cross (LH)		LH Wing Wheel Dr	CD
T0052485	Hose 0.38-217-06FJX-06FJX 90L	LH Wing	LH Multi-Valve	S2A	LH Meter Slave	B
T0052490	Hose 0.38-256-08FJX-08FJX	LH Wing	L&F Valve	LWW	LH Wing Lift Cyl	Base
T0052490	Hose 0.38-256-08FJX-08FJX	LH Wing	L&F Valve	RX1	LH Wing Lift Cyl	Rod
T0052486	Hose 0.38-233-08FJX-08FJX	LH Wing	L&F Valve	R1	LH Wing Wheel Dr	P2
T0052532	Hose 0.38-237-08FJX-08FJX	LH Wing	L&F Valve	LWF	LH Wing Wheel Dr	P1
T0052489	Hose 0.38-253-06FJX-06FJX 90L	LH Wing	LH Meter Master	B	LH Meter Slave	A
T0052483	Hose 0.38-201-06FJX-08FJX	Bulk Fill Fan	BF Fan (Crary)	CD	Case Drain Cross (LH)	
T0052498	Hose 0.50-194-08FJX-08MJ	Bulk Fill Fan	BF Valve	P1	BF Supply Connection (LH)	
T0052499	Hose 0.50-206-10FJX-12FJX	Bulk Fill Fan	BF Valve	T1	Return Line Tee (LH)	
T0052474	Hose 0.38-026-06FJX-06FJX	RH Wing	RH Multi-Valve	S1	RH Meter Master	A
T0052473	Hose 0.38-020-06FJX-08FJX	RH Wing	Case Drain Tee (RH)		RH Vac Fan	CD
T0052492	Hose 0.50-043-08FJX-08FJX	RH Wing	RH Multi-Valve	M1	RH Vac Fan	In
T0052493	Hose 0.50-046-08FJX-08FJX	RH Wing	RH Multi-Valve	M2	RH Vac Fan	Out
T0052496	Hose 0.50-088-10FJX-10FJX	RH Wing	RH Multi-Valve	T2	RH Wing Wheel Dr	T
T0052482	Hose 0.38-122-06FJX-08FJX	RH Wing	Case Drain Tee (RH)		RH Wing Wheel Dr	CD
T0052484	Hose 0.38-214-06FJX-06FJX 90L	RH Wing	RH Multi-Valve	S2A	RH Meter Slave	B
T0052487	Hose 0.38-247-06FJX-06FJX 90L	RH Wing	RH Meter Master	B	RH Meter Slave	A
T0052490	Hose 0.38-256-08FJX-08FJX	RH Wing	L&F Valve	RWW	RH Slave Cyl	Base
T0052490	Hose 0.38-256-08FJX-08FJX	RH Wing	L&F Valve	RX2	RH Slave Cyl	Rod
T0052533	Hose 0.38-247-08FJX-08FJX	RH Wing	L&F Valve	R2	RH Wing Wheel Dr	P2
T0052488	Hose 0.38-250-08FJX-08FJX	RH Wing	L&F Valve	RWF	RH Wing Wheel Dr	P1
T0052477	Hose 0.38-029-08FJX-06MJ	Markers	L&F Valve	R	RH Marker Hose (Rod)	
T0052477	Hose 0.38-029-08FJX-06MJ	Markers	L&F Valve	R3	LH Marker Hose (Rod)	
T0052531	Hose 0.38-031-08FJX-06MJ	Markers	L&F Valve	C1	RH Marker Hose (Base) - Long	
T0052531	Hose 0.38-031-08FJX-06MJ	Markers	L&F Valve	C2	LH Marker Hose (Base)	

To Determine the Part Number for Your Replacement Hose

The part number for your replacement hydraulic hose can be determined by locating the stamped number on one end of the hose as illustrated below. The part numbers will begin with a "T00" then continue with a 5 digit number. Please provide the part number when ordering replacement hydraulic hoses.

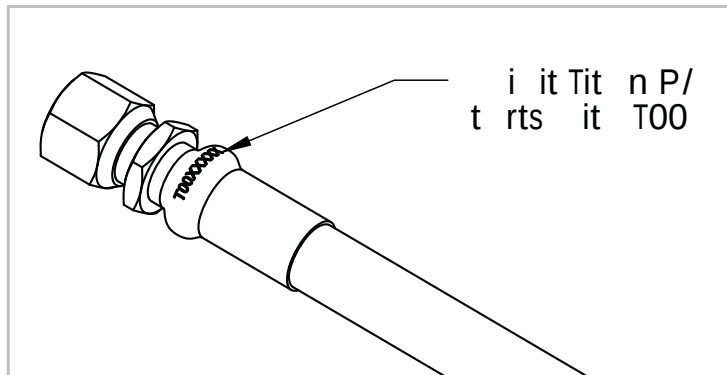


24R-30**Hydraulic Hose**

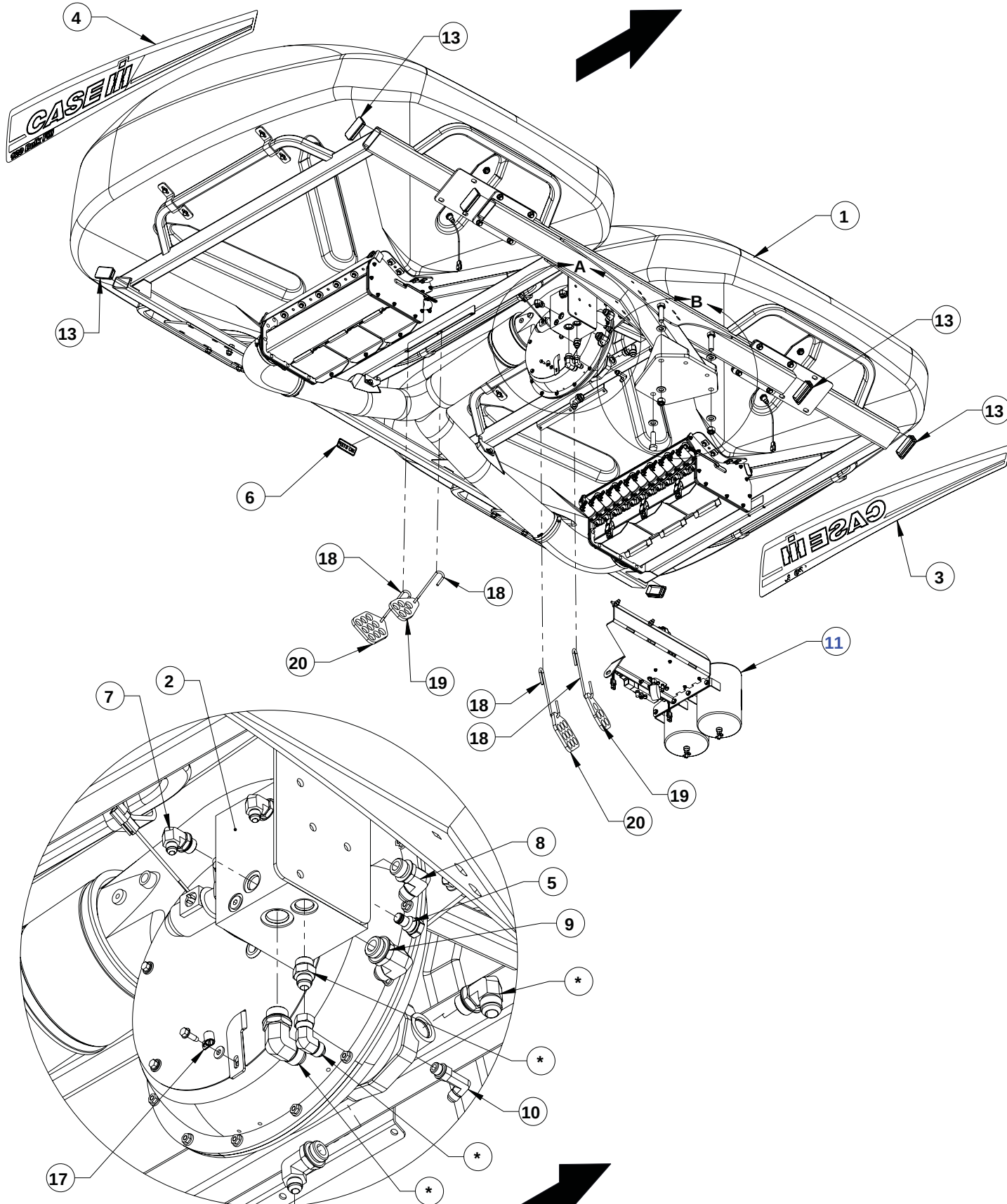
P/N	Desc	Location	Position 1 Port		Position 2 Port	
T0052475	Hose 0.38-028-08FJX-08FJX	Center Toolbar	L&F Valve	LCW	LH Center Lift Cyl	Base
T0052475	Hose 0.38-028-08FJX-08FJX	Center Toolbar	L&F Valve	RCW	RH Center Lift Cyl	Base
T0052478	Hose 0.38-040-08FJX-08FJX	Center Toolbar	L&F Valve	LCWX	LH Center Lift Cyl	Rod
T0052478	Hose 0.38-040-08FJX-08FJX	Center Toolbar	L&F Valve	RCWX	RH Center Lift Cyl	Rod
T0052720	Hose 0.25-233-06FJX-06FJX	Front Frame	L&F Valve Tee	CL	Hitch Latch Cyl	Base
T0052720	Hose 0.25-233-06FJX-06FJX	Front Frame	L&F Valve Tee	CLX	Hitch Latch Cyl	Rod
T0052474	Hose 0.38-026-06FJX-06FJX	Front Frame	BF Valve	PBY	Fert Valve	P
T0051402	Hose 0.38-021-06FJX-06FJX	Front Frame	Fert Valve	M	Fert Motor	B
T0052474	Hose 0.38-026-06FJX-06FJX	Front Frame	BF Valve	T2	Fert Motor	A
T0052534	Hose 0.50-090-08FJX-08FJX	Front Hitch	RH Bulkhead		Case Drain Tip	
T0052504	Hose 0.75-084-12FJX-12FJX	Front Hitch	LH Bulkhead		3/4" Tip	
T0052471 (2)	Hose 0.50-084-08FJX-08FJX (3500)	Front Hitch	Lift & Fold Functions		1/2" Tip	
T0052497 (3)	Hose 0.50-084-08FJX-08FJX (3000)	Front Hitch	Fan Functions		1/2" Tip	
T0052751	Hose 0.75-378-10FJX-12FJX	LH Tow Bar	LH Multi-Valve	T2	LH Bulkhead 1	
T0052747	Hose 0.50-358-08FJX-08FJX	LH Tow Bar	Case Drain Cross (LH)		LH Bulkhead 2	
T0052748	Hose 0.50-376-08FJX-08FJX	LH Tow Bar	LH Multi-Valve	P2	LH Bulkhead 3	
T0052748	Hose 0.50-376-08FJX-08FJX	LH Tow Bar	BF Supply Connection (LH)		LH Bulkhead 4	
T0052750	Hose 0.63-380-10FJX-12FJX	RH Tow Bar	RH Multi-Valve	T2	RH Bulkhead 1	
T0052747	Hose 0.50-358-08FJX-08FJX	RH Tow Bar	Case Drain Tee (RH)		RH Bulkhead 2	
T0052748	Hose 0.50-376-08FJX-08FJX	RH Tow Bar	RH Multi-Valve	P2	RH Bulkhead 3	
T0052749	Hose 0.50-566-08FJX-08FJX	RH Tow Bar	L&F Valve	In	RH Bulkhead 4	
T0052749	Hose 0.50-566-08FJX-08FJX	RH Tow Bar	L&F Valve	Out	RH Bulkhead 5	
T0052752	Hose 0.38-408-06FJX-06FJX	Markers	L&F Valve	C1	RH Marker Hose (Base)	
T0052752	Hose 0.38-408-06FJX-06FJX	Markers	L&F Valve	C2	LH Marker Hose (Base)	
T0052753	Hose 0.38-414-06FJX-06FJX	Markers	L&F Valve	R	RH Marker Hose (Rod)	
T0052753	Hose 0.38-414-06FJX-06FJX	Markers	L&F Valve	R3	LH Marker Hose (Rod)	
T0052721	Hose 0.25-357-06FJX-06FJX 45	LH Wing	L&F Valve (BH)	CL	LH Cradle Lift Cyl	Base
T0052722	Hose 0.25-372-06FJX-06FJX	LH Wing	L&F Valve (BH)	CLX	LH Cradle Lift Cyl	Rod
T0052726	Hose 0.38-119-06FJX-08FJX	LH Wing	Case Drain Cross (LH)		LH Vac Fan	CD
T0052727	Hose 0.38-123-06FJX-08FJX	LH Wing	Case Drain Cross (LH)		LH Wing Wheel Dr	CD
T0052742	Hose 0.50-091-08FJX-08FJX	LH Wing	LH Multi-Valve	M1	LH Vac Fan	In
T0052742	Hose 0.50-091-08FJX-08FJX	LH Wing	LH Multi-Valve	M2	LH Vac Fan	Out
T0052743	Hose 0.50-127-10FJX-10FJX	LH Wing	LH Multi-Valve	T2(90)	LH Wing Wheel Dr	T
T0052724	Hose 0.38-069-06FJX-06FJX	LH Wing	LH Multi-Valve	S1	LH Meter Master	A
T0052733	Hose 0.38-304-06FJX-06FJX 90L	LH Wing	LH Meter Master	B	LH Meter Slave	A
T0052730	Hose 0.38-229-06FJX-06FJX 90L	LH Wing	LH Multi-Valve	S2A	LH Meter Slave	B
T0052738	Hose 0.38-338-08FJX-08FJX	LH Wing	L&F Valve	LWW	LH Wing Lift Cyl	Base
T0052738	Hose 0.38-338-08FJX-08FJX	LH Wing	L&F Valve	RX1	LH Wing Lift Cyl	Rod
T0052734	Hose 0.38-318-08FJX-08FJX	LH Wing	L&F Valve	R1	LH Wing Wheel Dr	P2
T0052735	Hose 0.38-319-08FJX-08FJX	LH Wing	L&F Valve	LWF	LH Wing Wheel Dr	P1
T0052731	Hose 0.38-273-06FJX-08FJX	Bulk Fill Fan	BF Fan (Crary)	CD	Case Drain Cross (LH)	
T0052745	Hose 0.50-254-10FJX-10FJX	Bulk Fill Fan	BF Valve	T1	LH Multi-Valve	T1
T0052746	Hose 0.50-258-08FJX-08MJ	Bulk Fill Fan	BF Valve	P1	BF Supply Connection (LH)	
T0052721	Hose 0.25-357-06FJX-06FJX 45	RH Wing	L&F Valve (BH)	CL	RH Cradle Lift Cyl	Base
T0052722	Hose 0.25-372-06FJX-06FJX	RH Wing	L&F Valve (BH)	CLX	RH Cradle Lift Cyl	Rod
T0052725	Hose 0.38-086-06FJX-08FJX	RH Wing	Case Drain Tee (RH)		RH Vac Fan	CD
T0052728	Hose 0.38-126-06FJX-08FJX	RH Wing	Case Drain Tee (RH)		RH Wing Wheel Dr	CD
T0052739	Hose 0.50-057-08FJX-08FJX	RH Wing	RH Multi-Valve	M1	RH Vac Fan	In
T0052740	Hose 0.50-062-08FJX-08FJX	RH Wing	RH Multi-Valve	M2	RH Vac Fan	Out
T0052744	Hose 0.50-142-10FJX-10FJX	RH Wing	RH Multi-Valve	T2(90)	RH Wing Wheel Dr	T
T0052723	Hose 0.38-066-06FJX-06FJX	RH Wing	RH Multi-Valve	S1	RH Meter Master	A
T0052732	Hose 0.38-298-06FJX-06FJX 90L	RH Wing	RH Meter Master	B	RH Meter Slave	A
T0052729	Hose 0.38-225-06FJX-06FJX 90L	RH Wing	RH Multi-Valve	S2A	RH Meter Slave	B
T0052738	Hose 0.38-338-08FJX-08FJX	RH Wing	L&F Valve	RWW	RH Slave Cyl	Base
T0052738	Hose 0.38-338-08FJX-08FJX	RH Wing	L&F Valve	RX2	RH Slave Cyl	Rod
T0052736	Hose 0.38-329-08FJX-08FJX	RH Wing	L&F Valve	R2	RH Wing Wheel Dr	P2
T0052737	Hose 0.38-332-08FJX-08FJX	RH Wing	L&F Valve	RWF	RH Wing Wheel Dr	P1

To Determine the Part Number for Your Replacement Hose

The part number for your replacement hydraulic hose can be determined by locating the stamped number on one end of the hose as illustrated below. The part numbers will begin with a "T00" then continue with a 5 digit number. Please provide the part number when ordering replacement hydraulic hoses.



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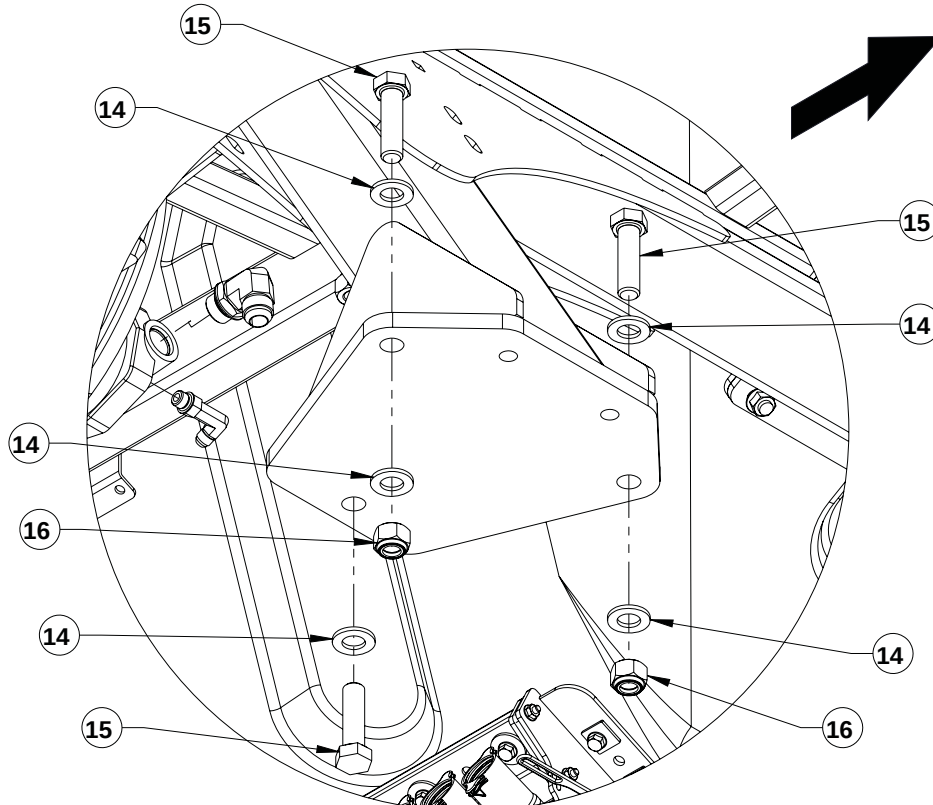
DETAIL A
SCALE 1 : 6

TA00743 Bulk Fill Assy

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	47525131	Kit, Bulk Fill System	1	
2	84538083	VALVE, BULK FILL DD 13GPM	1	
3	T0052294	Decal, Bulk Fill LH	1	
4	T0052295	Decal, Bulk Fill RH	1	
5	T0051740	Cavity Plug - SAE #8 2-Way	1	
6	T0051653	Decal, No Step	1	
7	ADAPTER 06MJ-08MB 90	ADAPTER 06MJ-08MB 90	2	
8	ADAPTER 08MJ-10MB 90	ADAPTER 08MJ-10MB 90	1	
9	ADAPTER 10MJ-12MB 90	ADAPTER 10MJ-12MB 90	1	
10	ADAPTER 06MJ-06MB 90LL	ADAPTER 06MJ-06MB 90LL	1	
11	TA00826	Assy, Air System	1	
12	87575102	HARNESS, FFT BULK FILL, ISOBUS	1	
13	T0052517	Plug, Rect Tube 2x4x6-8Ga	6	
14	FW-SAE-0.750-YZ	Washer, Flat-SAE 3/4 YZ	6	
15	Hbolt-0.7500-10x2.750-YZ8	Bolt, Hex Hd 3/4-10x2-3/4-YZ8	3	
16	NLNut-0.7500-10-YZ8	Nut, Nylock 3/4-10-YZ8	3	
17	T0051717	Clamp, Cushion Tube .3125 Ø.281 Hole	1	
18	T0052569	J-Hanger, Double	4	
19	T0052573	Seed Hose Hanger, Middle Fr	2	
20	T0052572	Seed Hose Hanger, Middle	2	

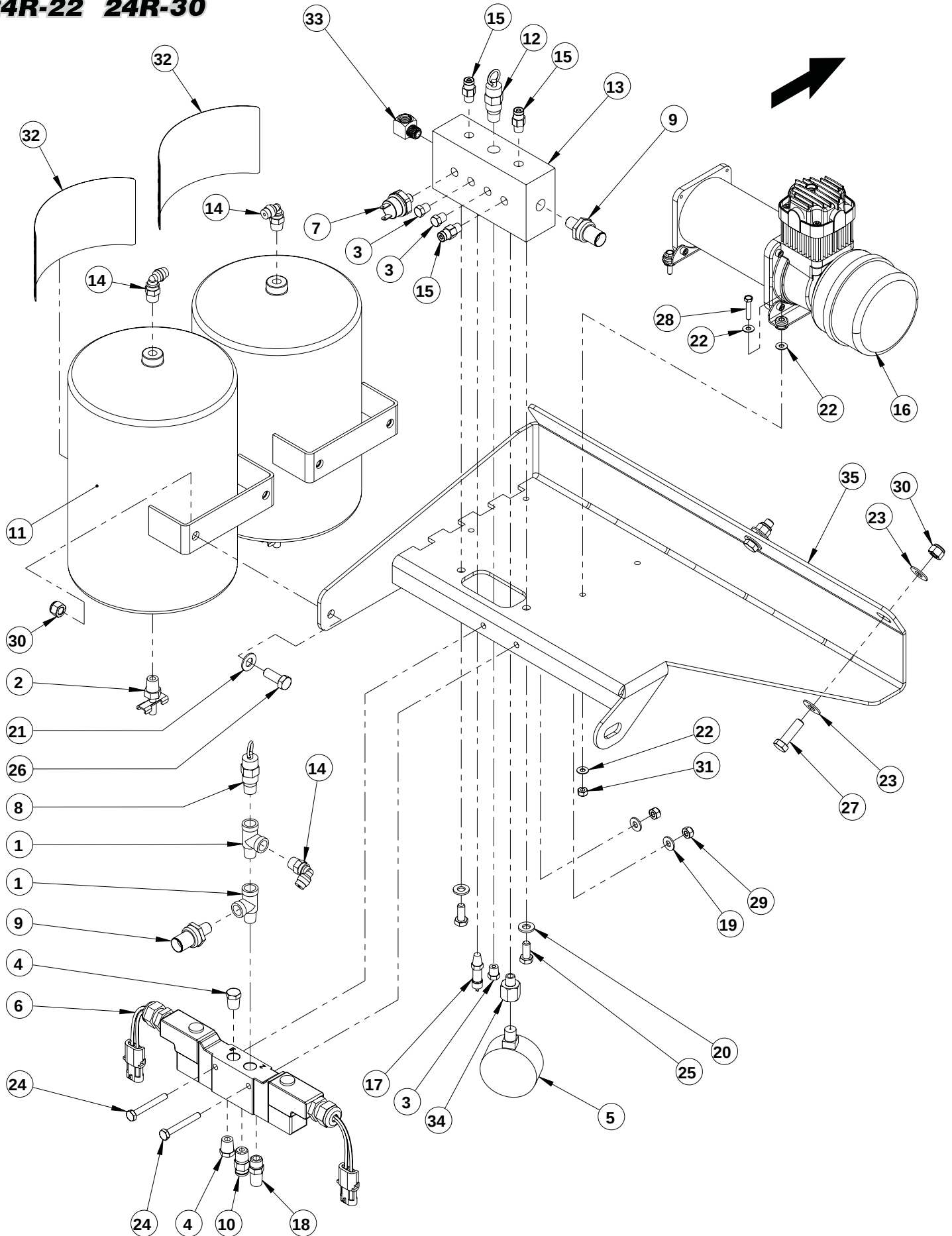
Note:

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



DETAIL B
SCALE 1 : 6

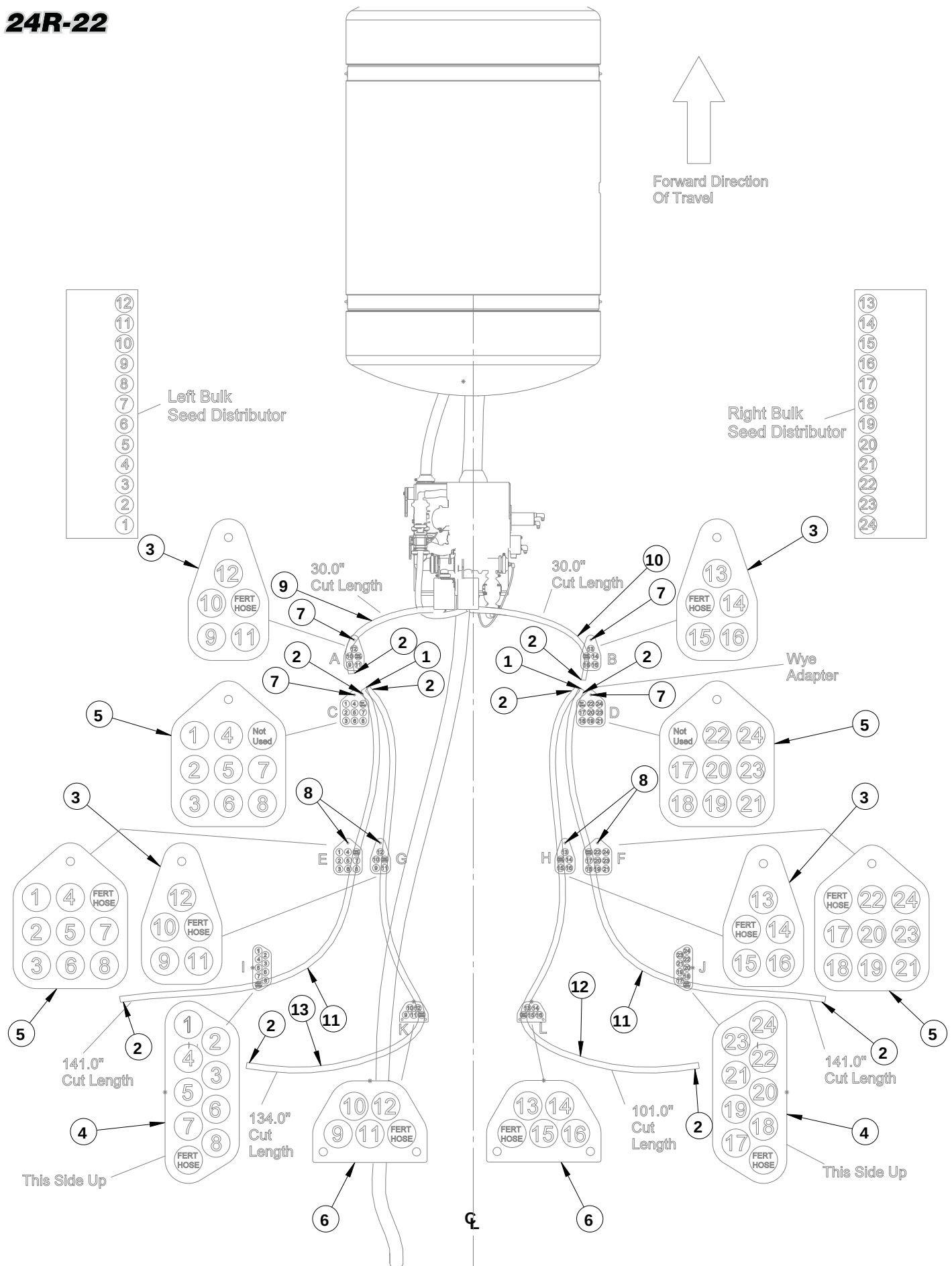
24R-22 24R-30



TA00826 Assy, Air System

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	217-51	TEE, 1/4-18NPTF F X 1/4-18NPTF M	2	
2	217-92	Cock, Fuel Tank Drain	2	
3	217-402	Plug - Hex HD 1/8" Pipe	3	
4	217-405	Plug - Hex HD 1/4" Pipe	2	
5	21380	Guage - Pressure 0-160 psi	1	
6	84141998	Valve, Pneumatic Pilot	1	
7	84143639	Pressure Switch, Pneumatic	1	
8	84162561	Pressure Relief Valve, 110 psi	1	
9	84163183	Transducer - Pressure, 0-150 psig	2	
10	84163245	Air Fitting - Straight 1/4" Tube x 1/4" Pipe	1	
11	84164053	Air Tank	2	
12	84165807	Valve, Pressure Relief	1	
13	84165808	Manifold Air	1	
14	84166114	Air Fitting - Elbow 1/4" Tube x 1/4" Pipe	3	
15	84256879	Air Fitting - Straight 1/4" Tube x 1/8" Pipe	3	
16	84293590	Air Compressor & Filter	1	
17	87623685	Valve, Tank Schrader 1/8" NPT	1	
18	87752977	Muffler Filter	1	
19	FW-SAE-0.250-YZ	Washer, SAE Flat 1/4-YZ	2	
20	FW-SAE-0.313-YZ	Washer, SAE Flat 5/16" YZ	2	
21	FW-SAE-0.375-YZ	Washer, Flat SAE 3/8" YZ	4	
22	FW-SAE-No 10-CZ	Washer, Flat SAE #10 CZ	12	
23	FW-USS-0.313-YZ	Washer, Flat USS 5/16-YZ	4	
24	HBolt-0.2500-20x2.000-YZ8	Bolt, Hex Hd 1/4-20x2-YZ8	2	
25	HBolt-0.3125-18x0.750-YZ8	Bolt, Hex Head 5/16"-18x3/4-YZ8	2	
26	HBolt-0.3750-16x1.000-YZ8	Bolt, Hex Hd 3/8-16x1-YZ8	4	
27	HBolt-0.3750-16x1.250-YZ8	Bolt, Hex Head, 3/8-16x1.25-YZ8	2	
28	HBolt-10-24x1.000-CZ2	Bolt, HexHd 10-24x1.00 CZ Gr2	4	
29	NLNut-0.2500-20-YZ8	Nut, Nylock 1/4-20-YZ8	2	
30	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	6	
31	NLNut-10-24-CZ2	Nut, Nylock 10-24 CZ2	4	
32	T0051592	Decal, Warning - Pressurized Hazard	2	
33	T0052368	Elbow, Street 1/4 NPT FxM 90°	1	
34	T0052436	Adapter 1/8" MPT to 1/4" FPT	1	
35	TW000799	Wldmt, Air Compressor	1	

24R-22



Fertilizer Hose & Seed Tube Routing Schematic 24R22

ITEM	PART NUMBER	DESCRIPTION	QTY
1	T0052445	3/4" Hose Barb Wye	1
2	HClamp-SAE-12-SS	Hose Clamp, SAE #12-SS	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 bulk part number T0051675 Hose-0.75" Spray (100' Roll), or CNH P/N 86993466

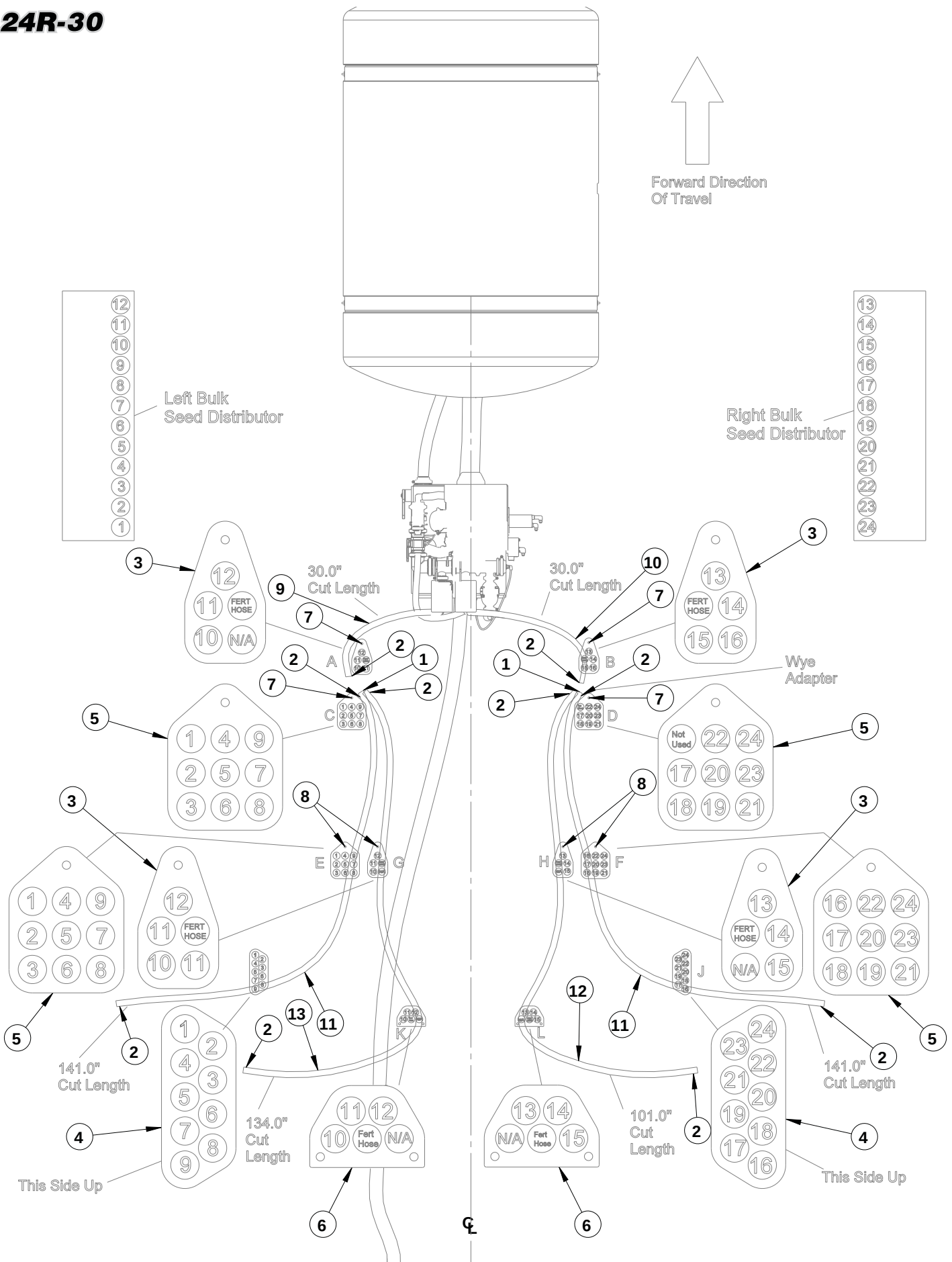
Seed Tube Cut Lengths 24R22

Seed Hose #	Length	Seed Hose #	Length
1	27' - 1"	13	11'
2	26' - 10"	14	11' - 6"
3	23' - 9"	15	15' - 3"
4	22' - 2"	16	16' - 2"
5	21'	17	16' - 9"
6	19'	18	17' - 4"
7	18' - 1"	19	18' - 6"
8	16' - 6"	20	20' - 3"
9	15' - 11"	21	22'
10	14' - 10"	22	24' - 9"
11	12' - 9"	23	26' - 6"
12	11'	24	27' - 7"

Note:

1. Items 1-24 use bulk part number T0051672 Hose-1.00" PVC (100' Roll), or CNH P/N 87483976

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Fertilizer Hose & Seed Tube Routing Schematic 24R30

ITEM	PART NUMBER	DESCRIPTION	QTY
1	T0052445	3/4" Hose Barb Wye	1
2	HClamp-SAE-12-SS	Hose Clamp, SAE #12-SS	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:

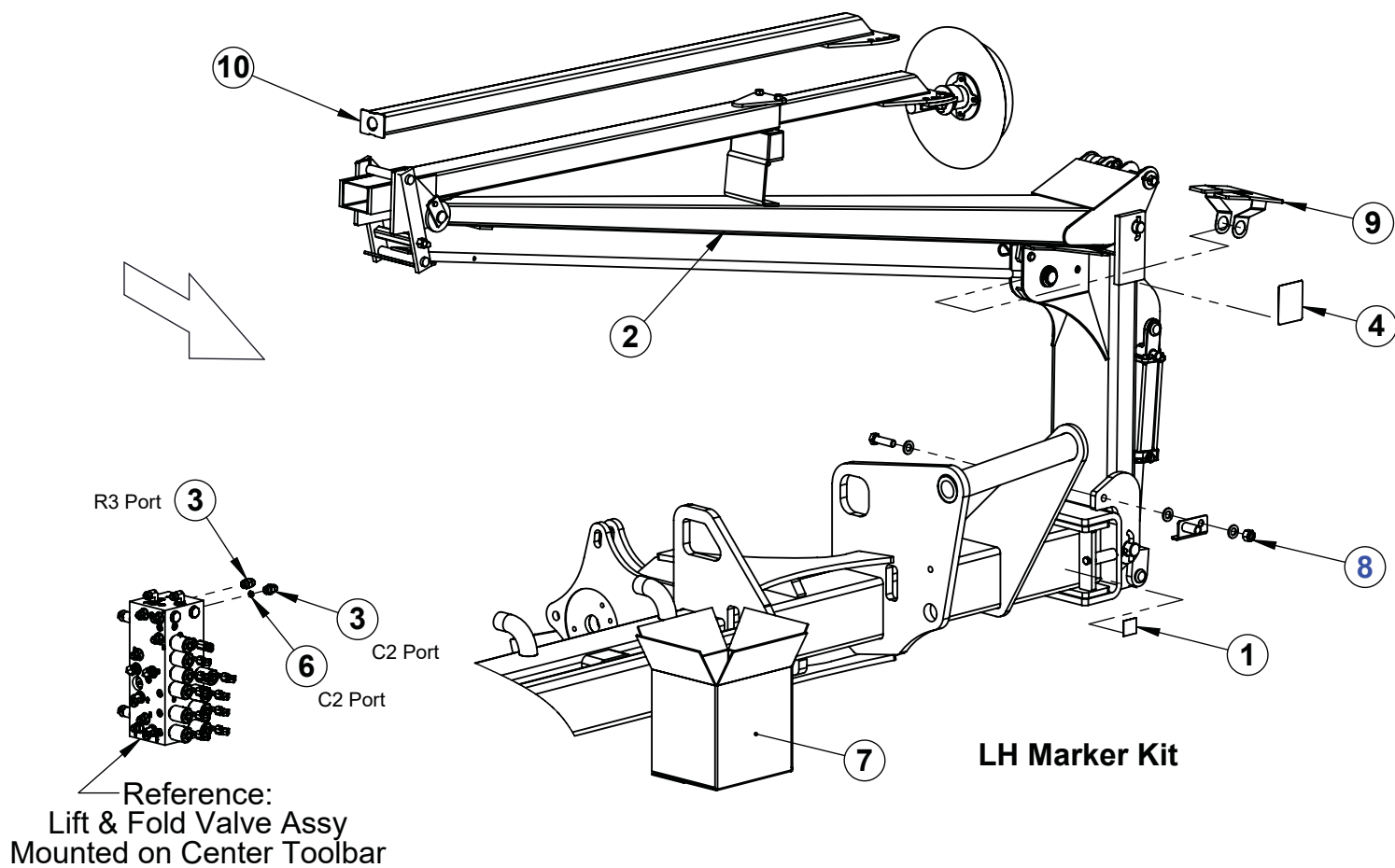
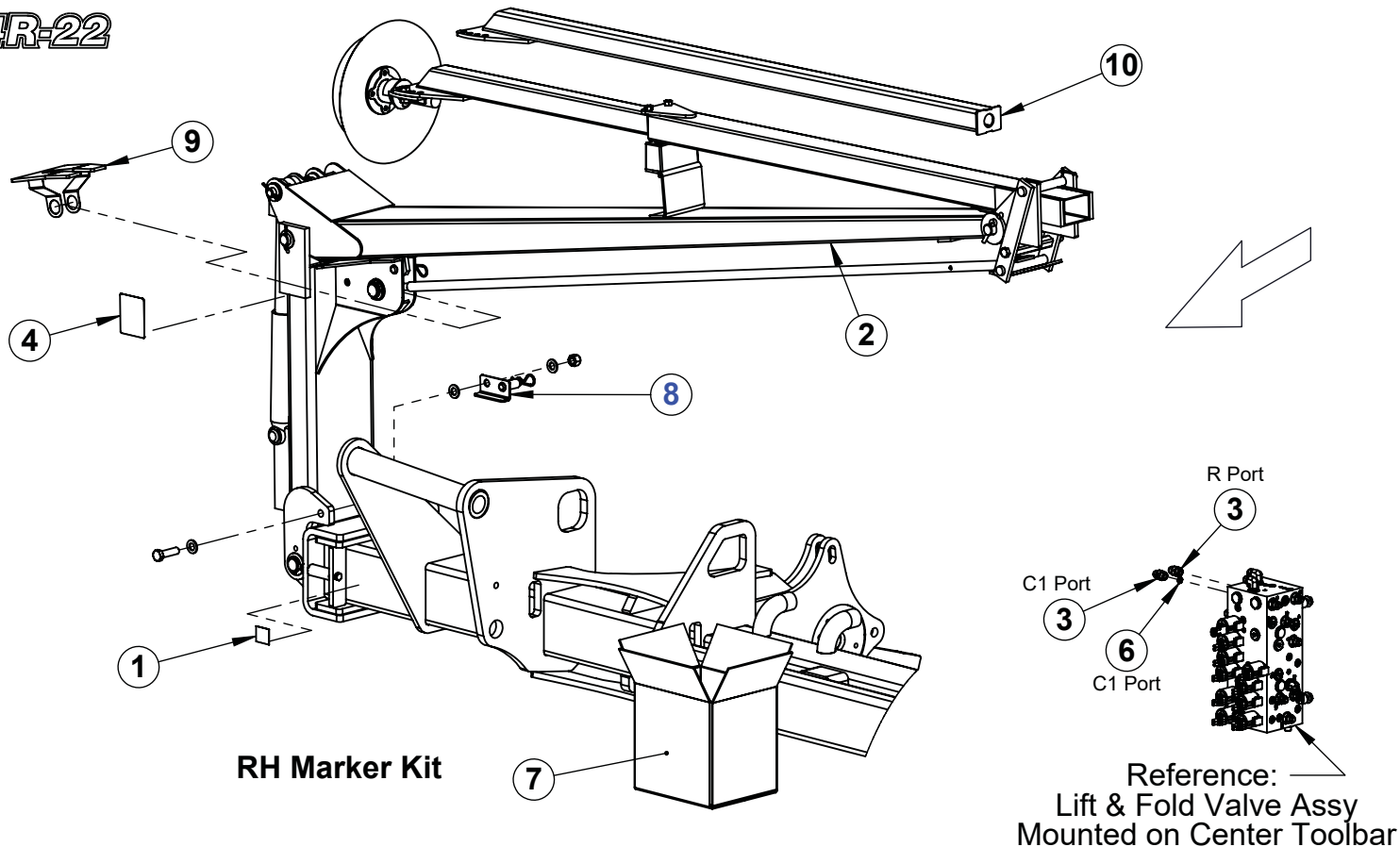
1. Items 9,10,11,12, & 13 use bulk part number T0051675 Hose-0.75" Spray (100' Roll), or CNH P/N 86993466

Seed Tube Cut Lengths 24R30

Seed Hose #	Length	Seed Hose #	Length
1	35'	13	12'
2	33'	14	14'
3	30'	15	16'
4	28' - 6"	16	17' - 6"
5	26'	17	19'
6	23'	18	21' - 6"
7	21 - 6"	19	23'
8	19'	20	26'
9	17' - 6"	21	28'
10	16'	22	30'
11	14'	23	34'
12	12'	24	36'

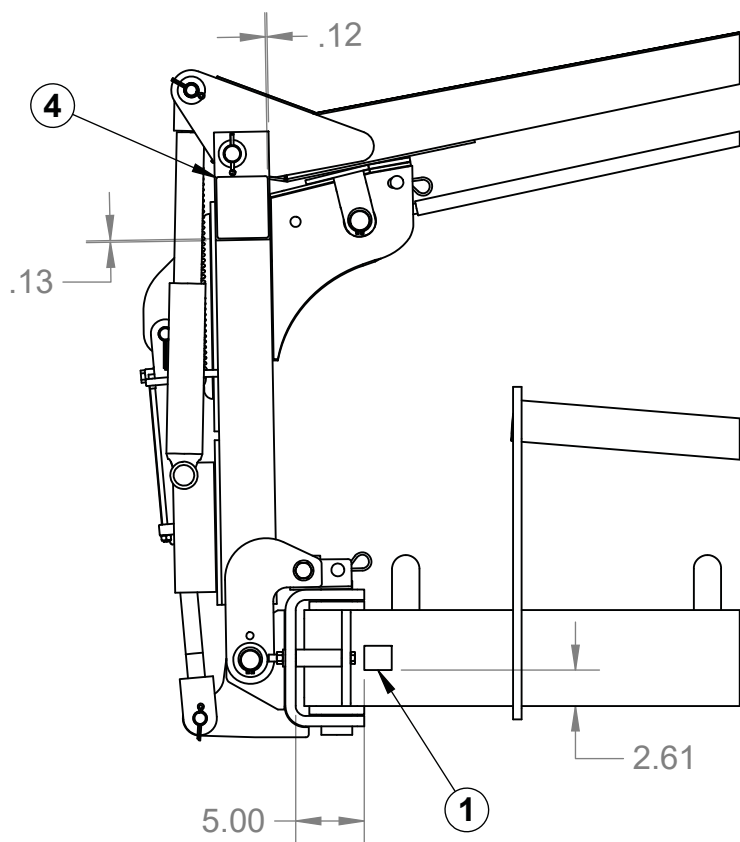
Note:

1. Items 1-24 use bulk part number T0051672 Hose-1.00" PVC (100' Roll), or CNH P/N 87483976

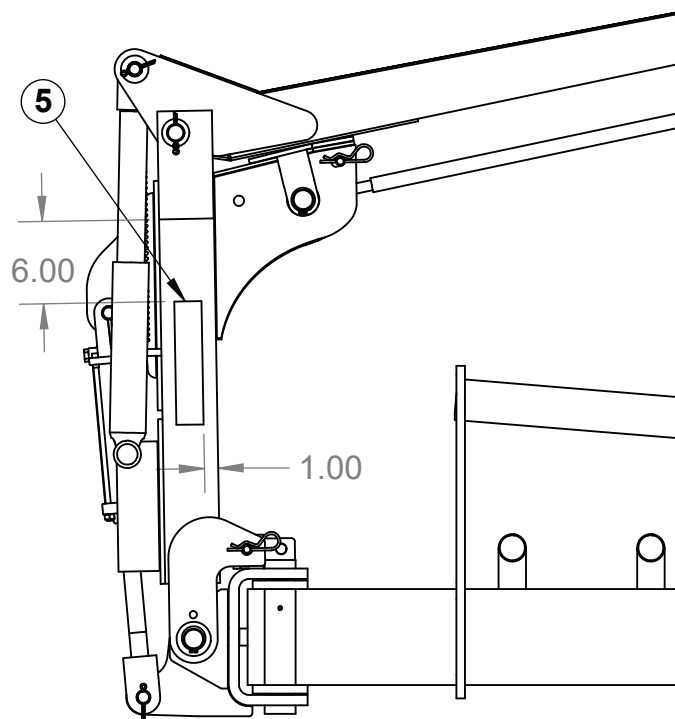


TA00848 Assy, Marker Completion 24R22

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	47450633	Decal, Row Marker Bolt Torque	2	
2	84157027	Marker Kit	1	
3	AD-08MJ-08MB	ADAPTER 08MJ-08MB	4	
4	T0051591	Decal, Danger-Warn Marker	2	
5	T0051729	Decal, Reflector, Yellow-2x9	2	
6	T0052364	Orifice Disc #8-.047"	2	
7	TA00847	Hose Kit - Marker, TM24R22	1	
8	TA00864	Assy, Marker Stop-Lower	2	
9	TW000802	Weldment, Marker Stop	2	
10	TW001107	Wldmt, 24R22 Marker Ext.	2	

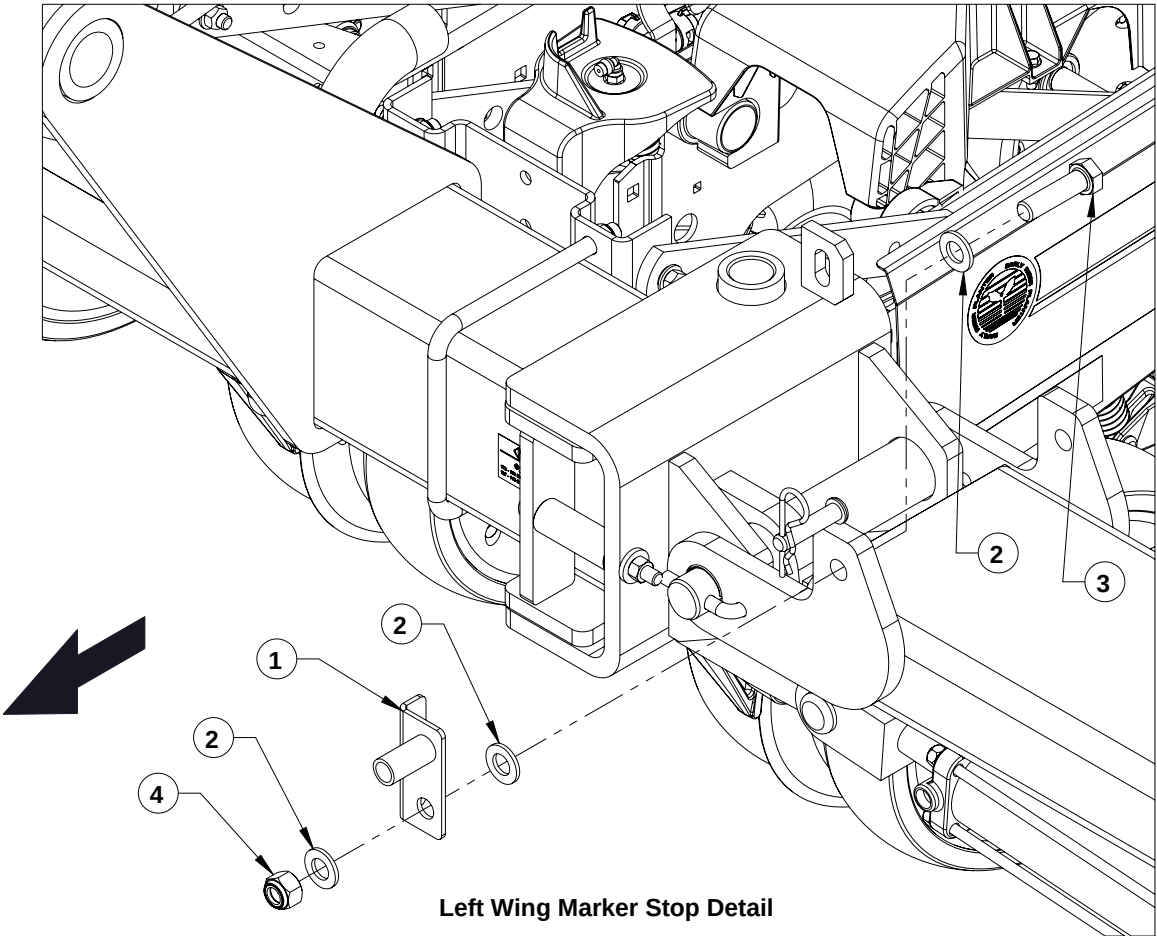
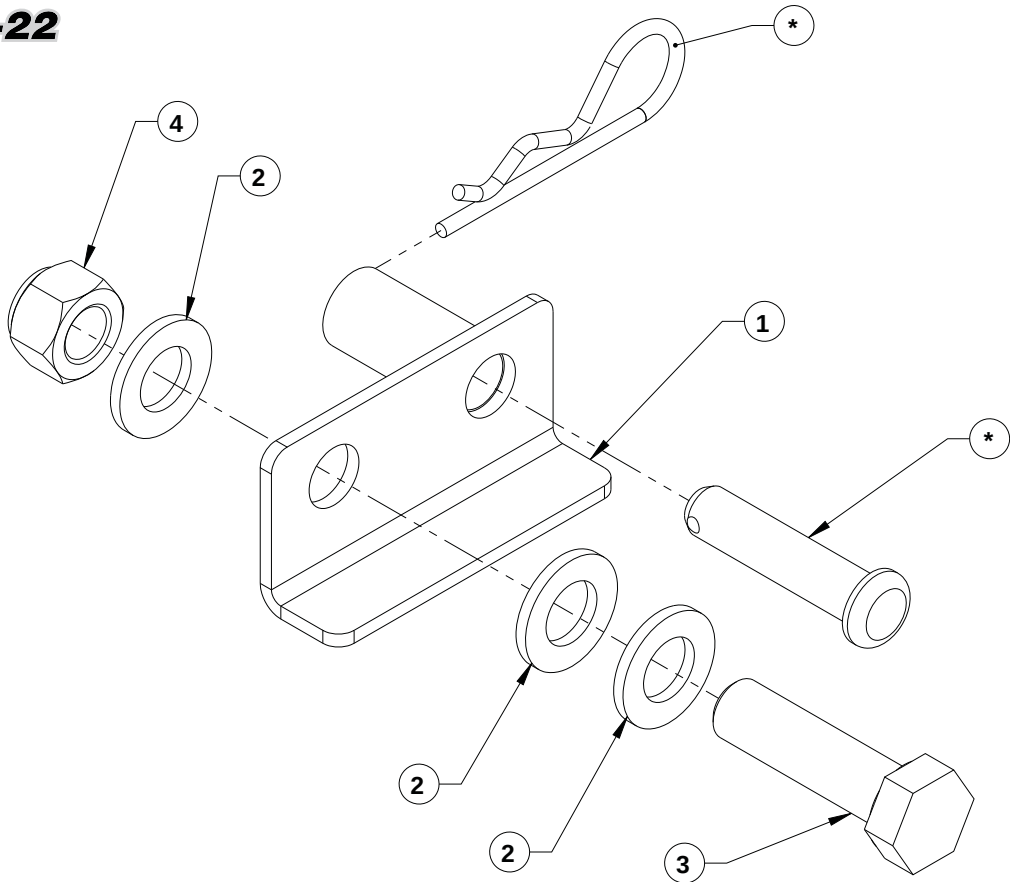


Front View
Right Wing Row Marker
Decal Locations
(Repeat For Left Wing)



Rear View
Left Wing Row Marker
Decal Locations
(Repeat For Right Wing)

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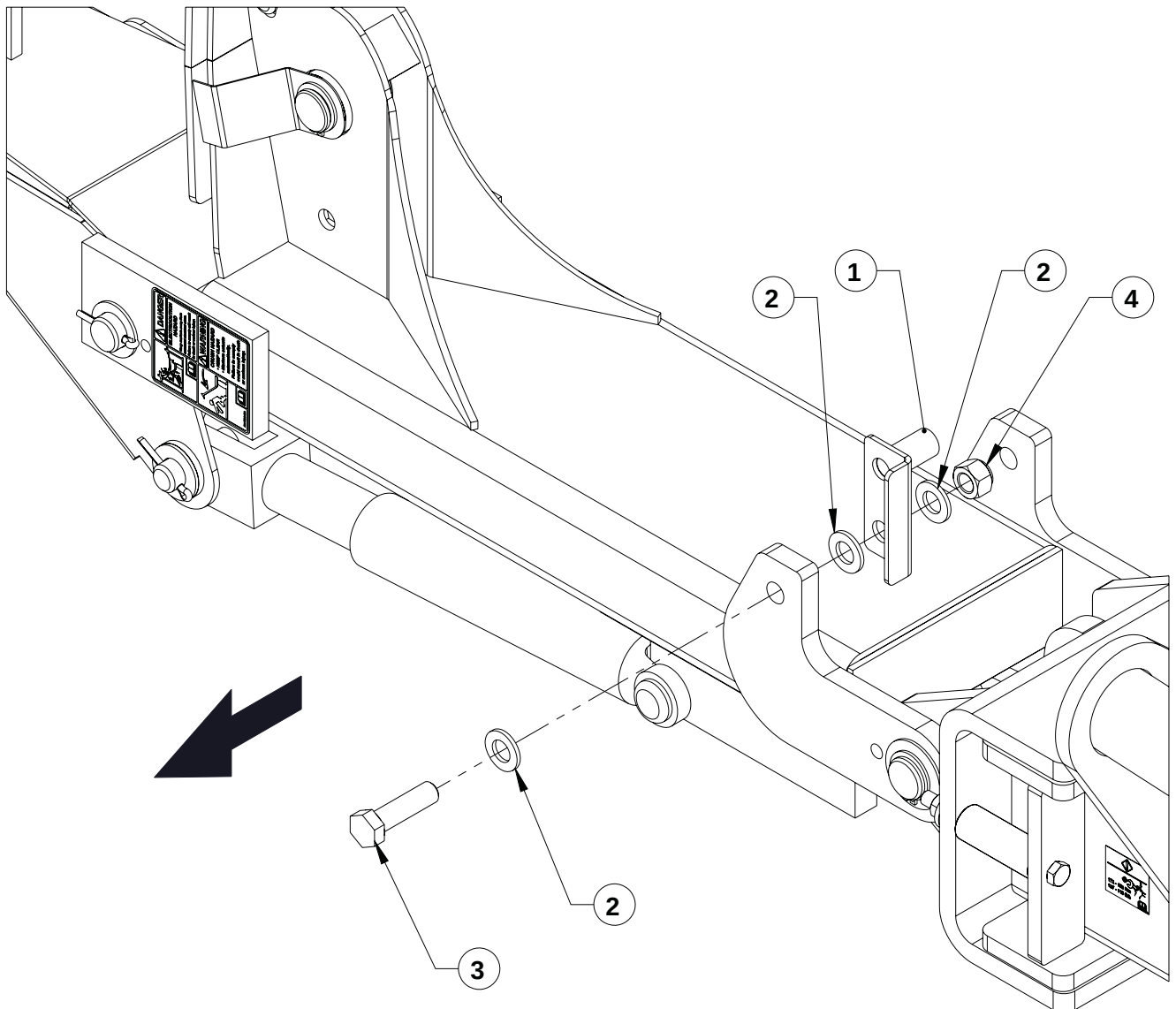


Left Wing Marker Stop Detail

TA00864 Assy, Marker Stop-Lower

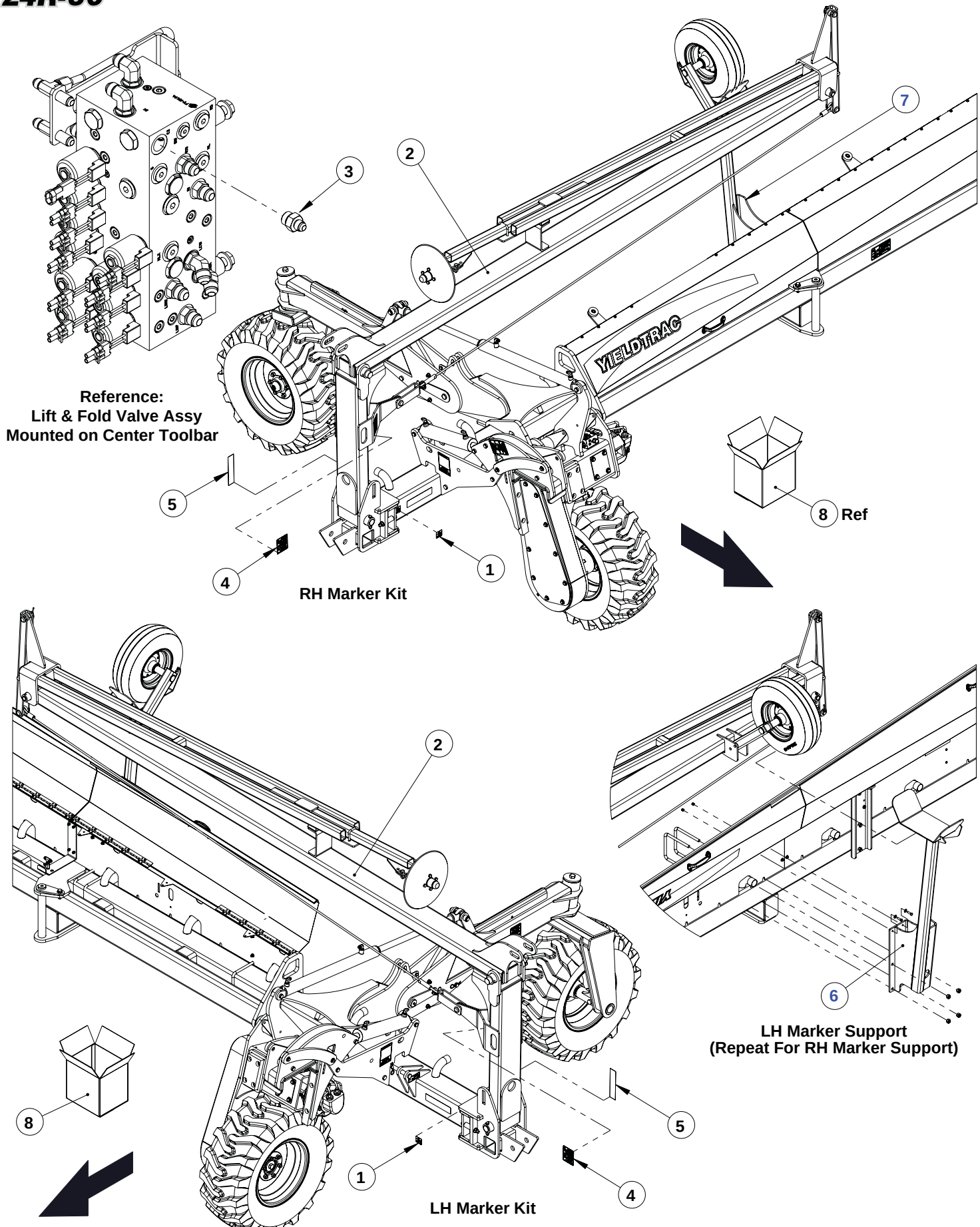
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW000803	Wldmt, Marker Stop-Lower	1	
2	FW-SAE-0.750-YZ	Washer, Flat-SAE 3/4 YZ	3	
3	Hbolt-0.7500-10x2.750-YZ8	Bolt, Hex Hd 3/4-10x2-3/4-YZ8	1	
4	NLNut-0.7500-10-YZ8	Nut, Nylock 3/4-10-YZ8	1	

*** = Parts with an asterisk, are parts that are supplied with another assembly, and are shown for illustrative purposes.**



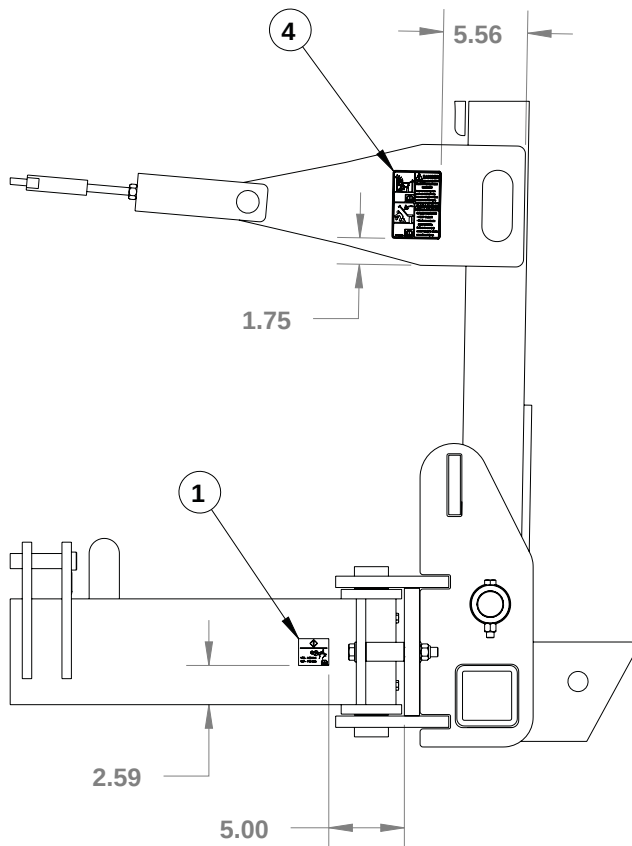
Right Wing Marker Stop Detail

24R-30

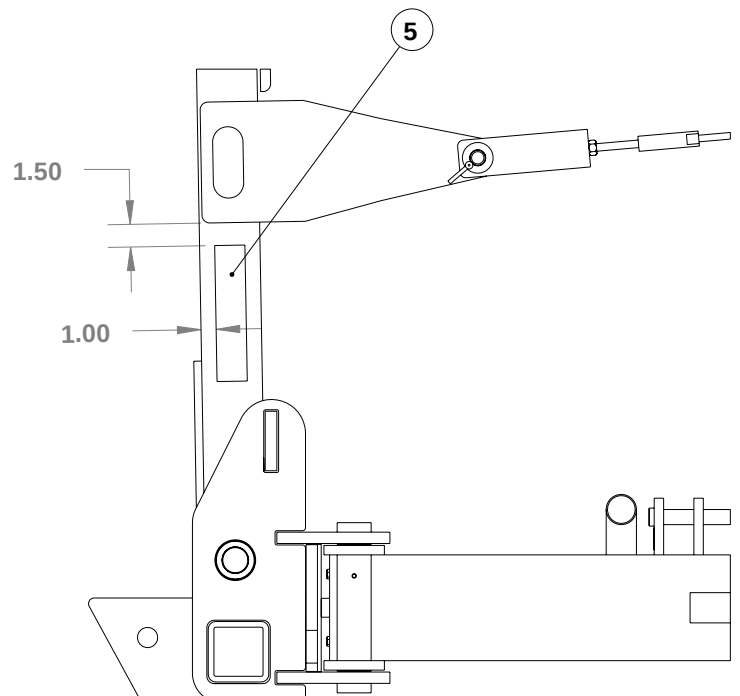


TA00883 Option 24R30 Markers

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	47450633	Decal, Row Marker Bolt Torque	2	
2	47496098	Kit 24R30 Marker	1	
3	ADAPTER 06MJ-08MB	ADAPTER 06MJ-08MB	1	
4	T0051591	Decal, Danger & Warning Elec,Crush Haz	2	
5	T0051729	Decal, Reflector, Yellow-2x9	2	
6	TA00856	Assy, Marker Support LH	1	
7	TA00857	Assy, Marker Support RH	1	
8	TA00877	Hose Kit, Marker TM24R30 2014	1	

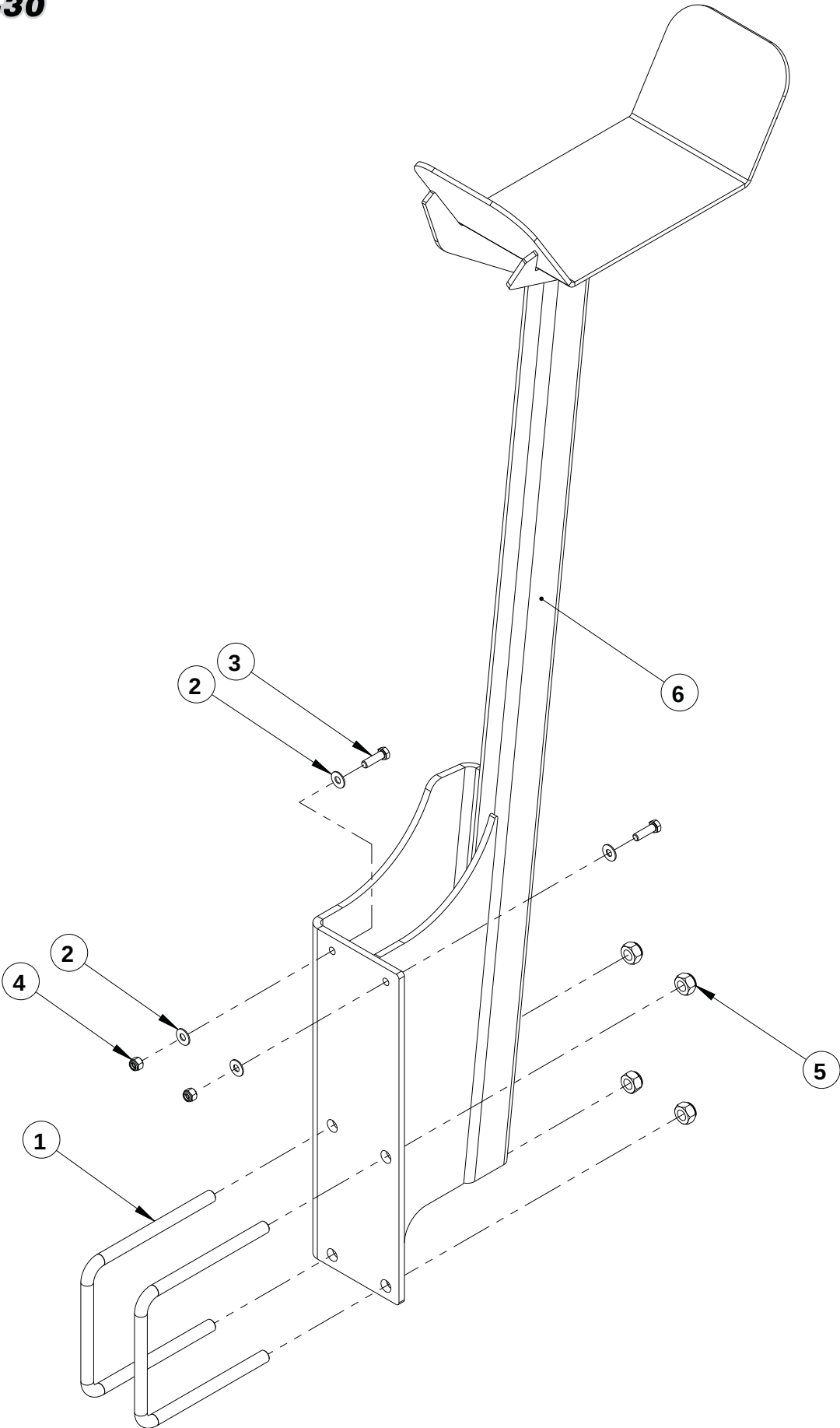


Front View
Left Wing Row Marker
Decal Locations
(Repeat For Right Wing)



Rear View
Left Wing Row Marker
Decal Locations
(Repeat For Right Wing)

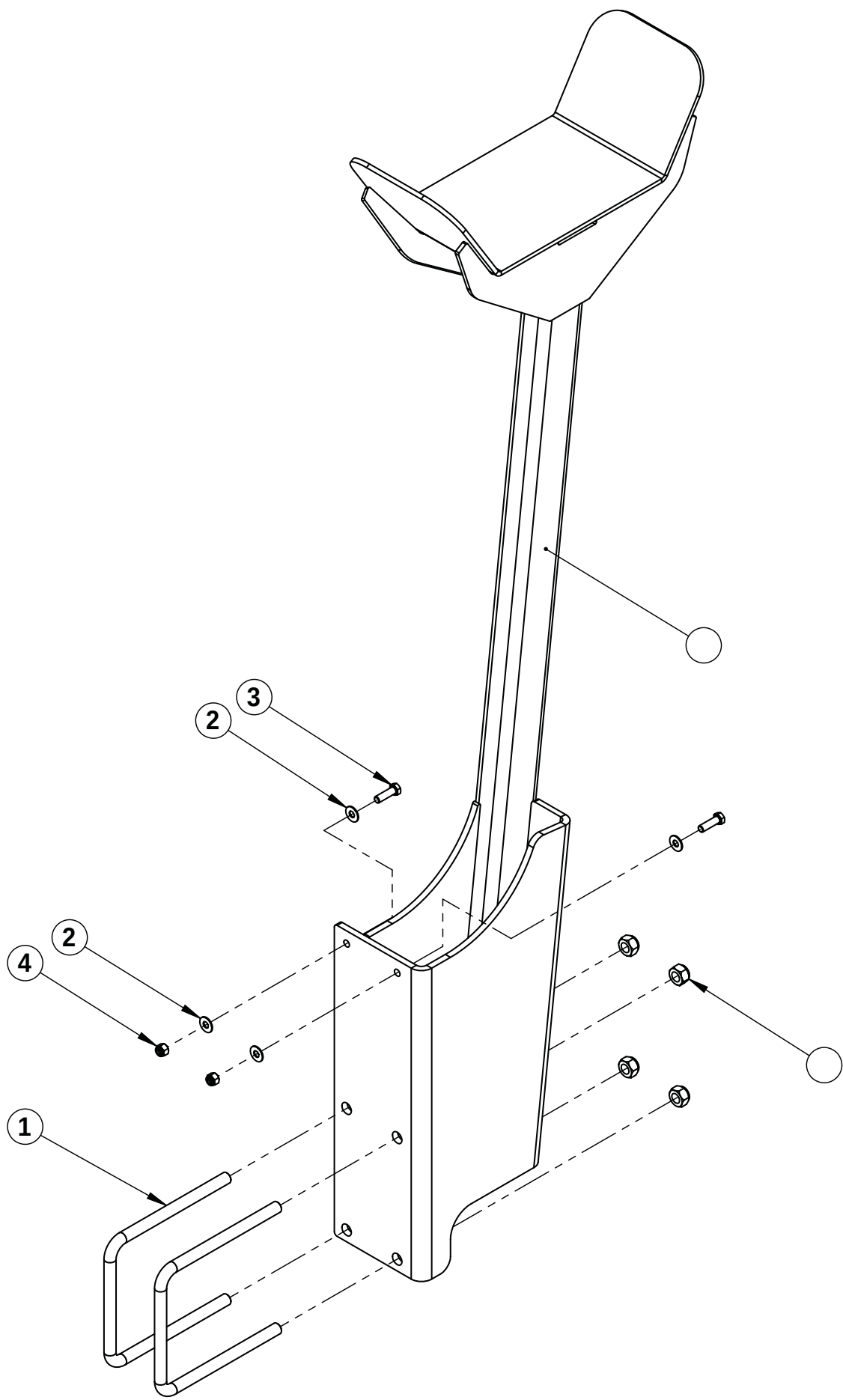
24R-30



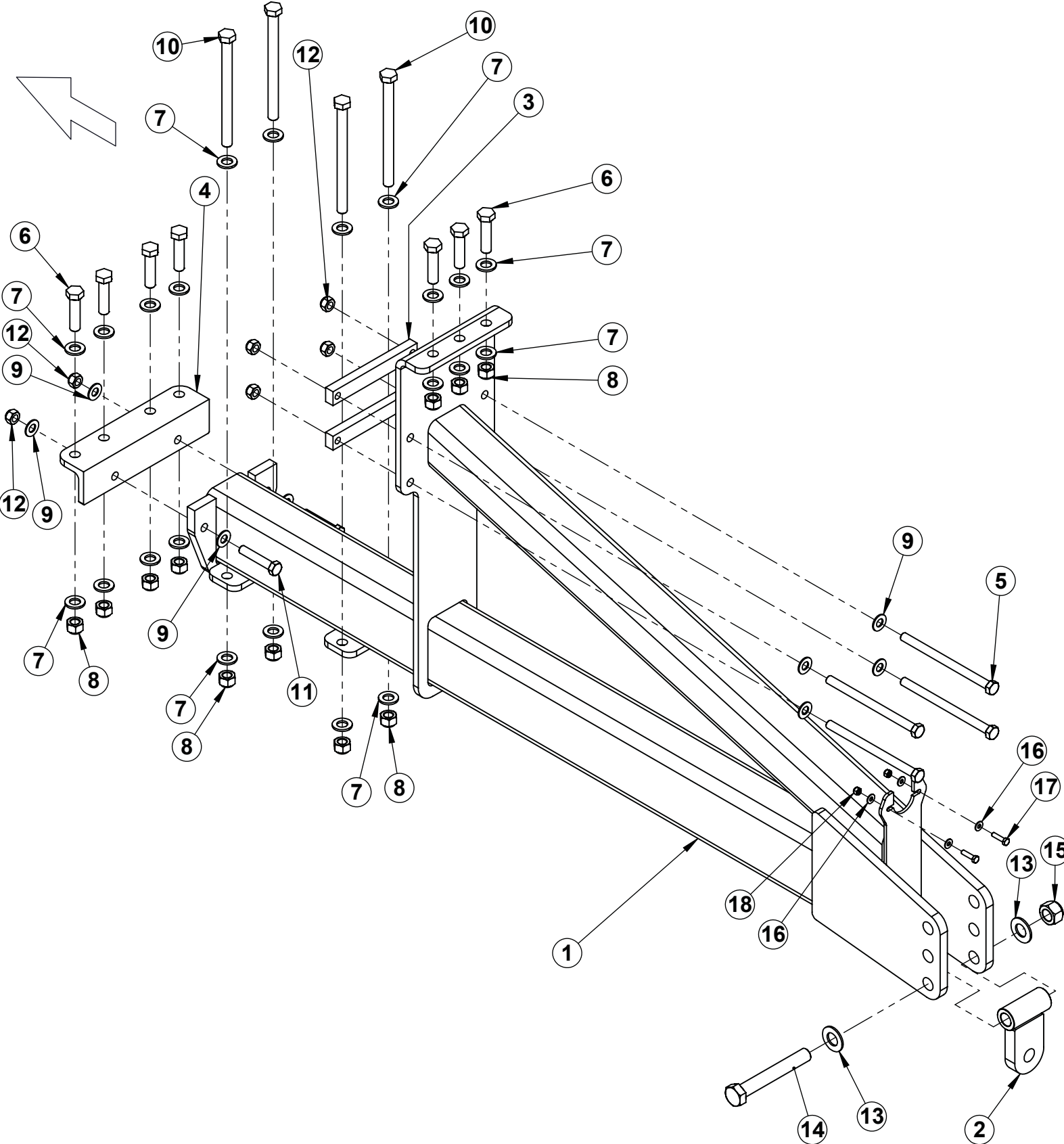
TA00856 Assy, Marker Support LH

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	1250813C1	U Bolt	2	
2	FW-USS-0.313-YZ	Washer, Flat USS 5/16-YZ	4	
3	HBolt-0.3750-16x1.250-YZ8	Bolt, Hex Head, 3/8-16x1.25-YZ8	2	
4	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	2	
5	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	4	
6	TW000797	Weld, Marker Support LH	1	

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TA00857 Assy, Marker Support RH				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	1250813C1	U Bolt	2	
2	FW-USS-0.313-YZ	Washer, Flat USS 5/16-YZ	4	
3	HBolt-0.3750-16x1.250-YZ8	Bolt, Hex Head, 3/8-16x1.25-YZ8	2	
4	NLNut-0.3750-16-YZ8	Nut, Nylock 3/8-16 YZ8	2	
5	NLNut-0.6250-11-YZ8	Nut, Nylock-5/8-11-YZ8	4	
6	TW000798	Weld, Marker Support RH	1	

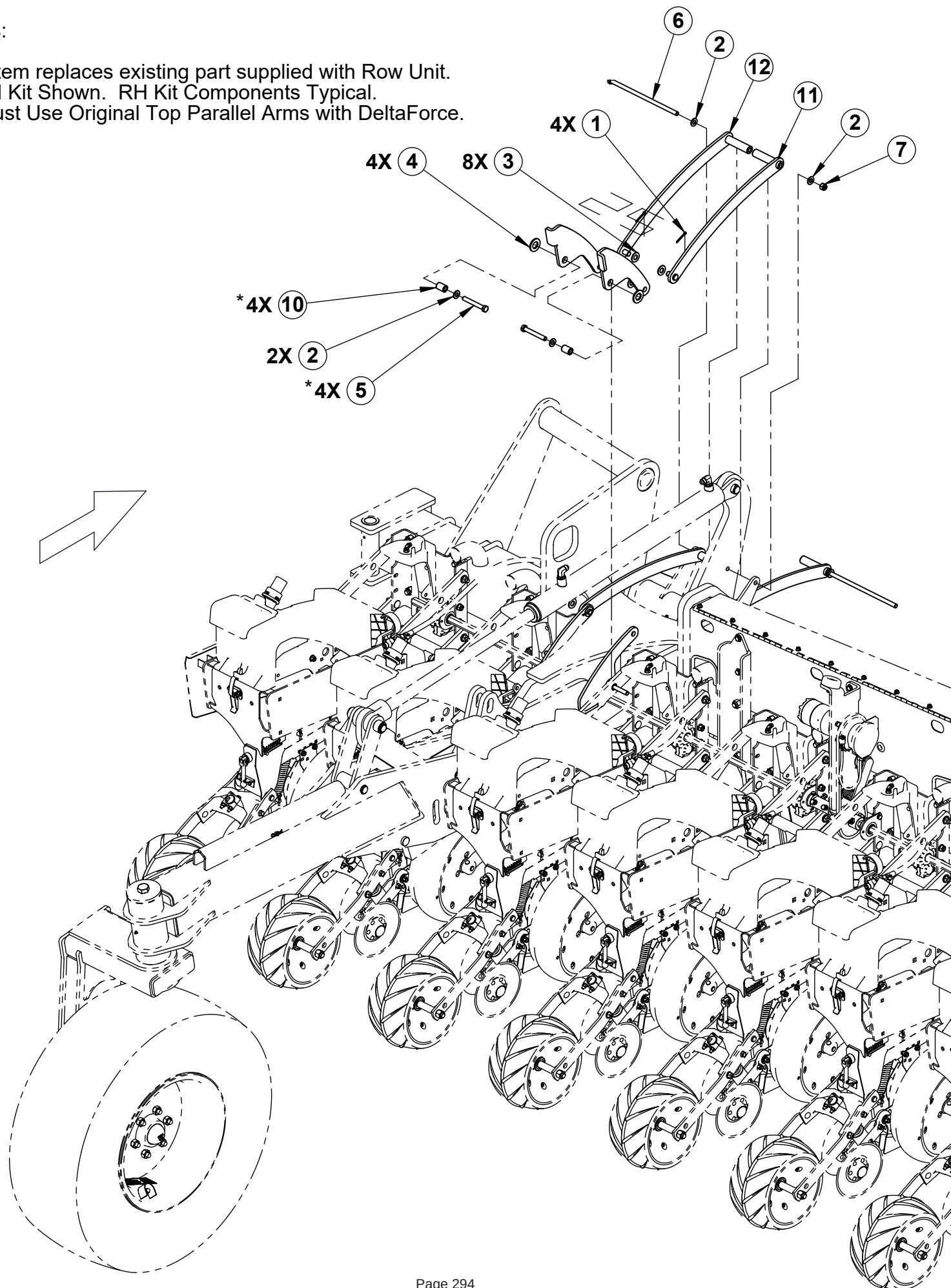


TA00792 Rear Hitch

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW000764	Rear Hitch Weldment	1	
2	TW000772	Hitch Bar Weldment	1	
3	T0051288	Tap Bar	2	
4	T0052233	Bracket, Hitch Mount	1	
5	HB-0.625-11X9.00Y8	Bolt, Hex Head-5/8-11x9.0-YZ8	4	
6	HB-0.750-10X3.00Y8	Bolt, Hex Hd-3/4-10x3-YZ8	7	
7	FW-SAE-0.750Y	Washer, Flat-SAE 3/4 YZ	22	
8	NLNUT-0.750-10Y8	Nut, Nylock 3/4-10-YZ8	11	
9	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	8	
10	HB-0.750-10X9.50Y8	Bolt, Hex Hd-3/4-10x9-1/2-YZ8	4	
11	HB-0.625-11X3.25Y8	Bolt, Hex Hd-5/8-18x3-1/4-YZ8	2	
12	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	6	
13	FW-SAE-1.000Y	Washer, Flat SAE-1.0-YZ	2	
14	HB-1.000-8X7.00Y8	Bolt, Hex Hd-1-8x7-YZ8	1	
15	NLNUT-1.000-8Y8	Nut, Nylock-1.0-8-YZ8	1	
16	FW-USS-0.250Y	Washer, Flat USS 1/4" YZ	4	
17	HB-0.313-18X1.25Y8	Bolt, Hex Hd 5/16-18x1-1/4 YZ8	2	
18	NLNUT-0.313-18Y8	Nut, Nylock 5/16"-18-YZ8	2	
19	87677108	Harness, Rear Hitch (Not Shown)	1	

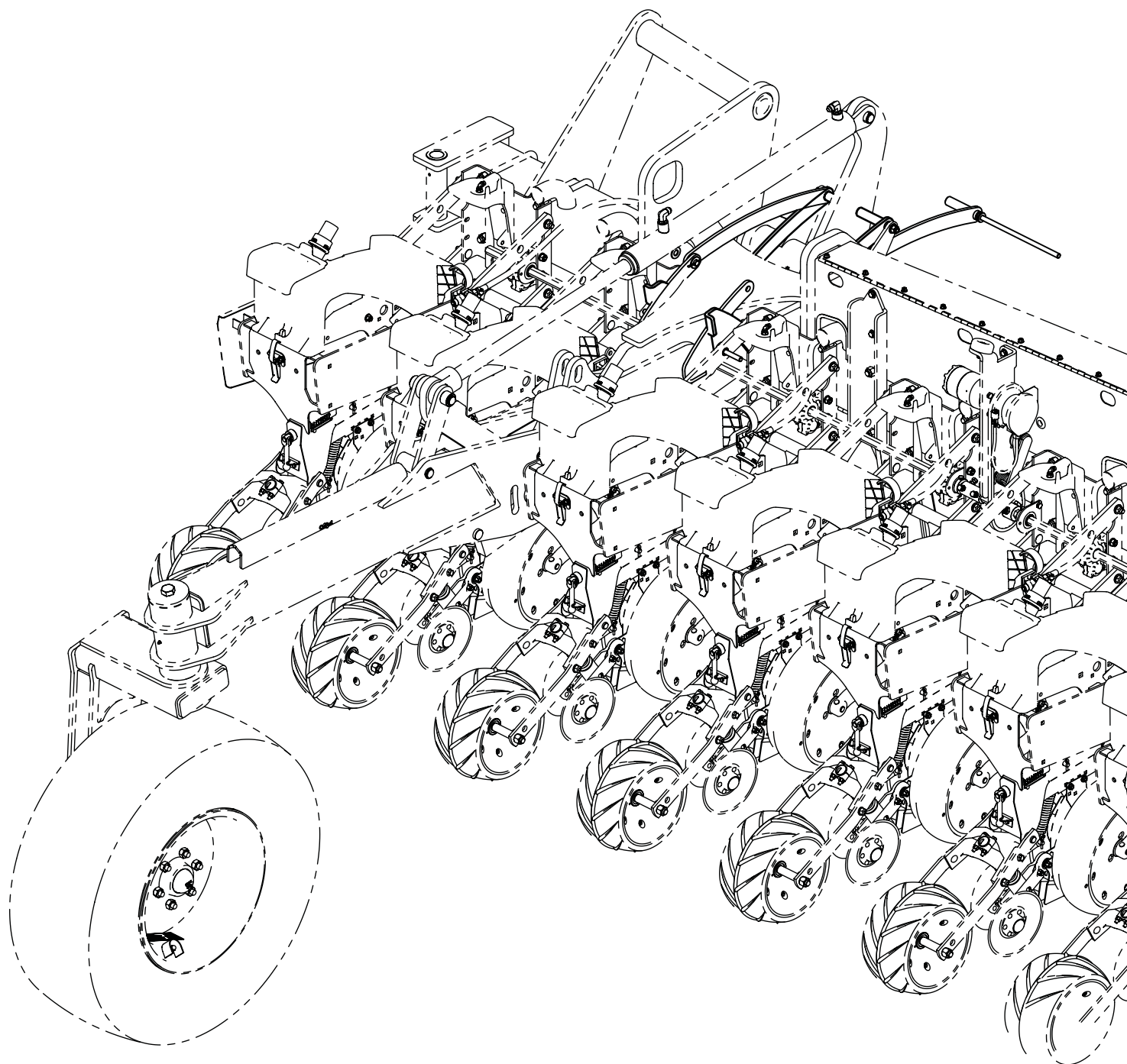
Notes:

1. * Item replaces existing part supplied with Row Unit.
2. LH Kit Shown. RH Kit Components Typical.
3. Must Use Original Top Parallel Arms with DeltaForce.



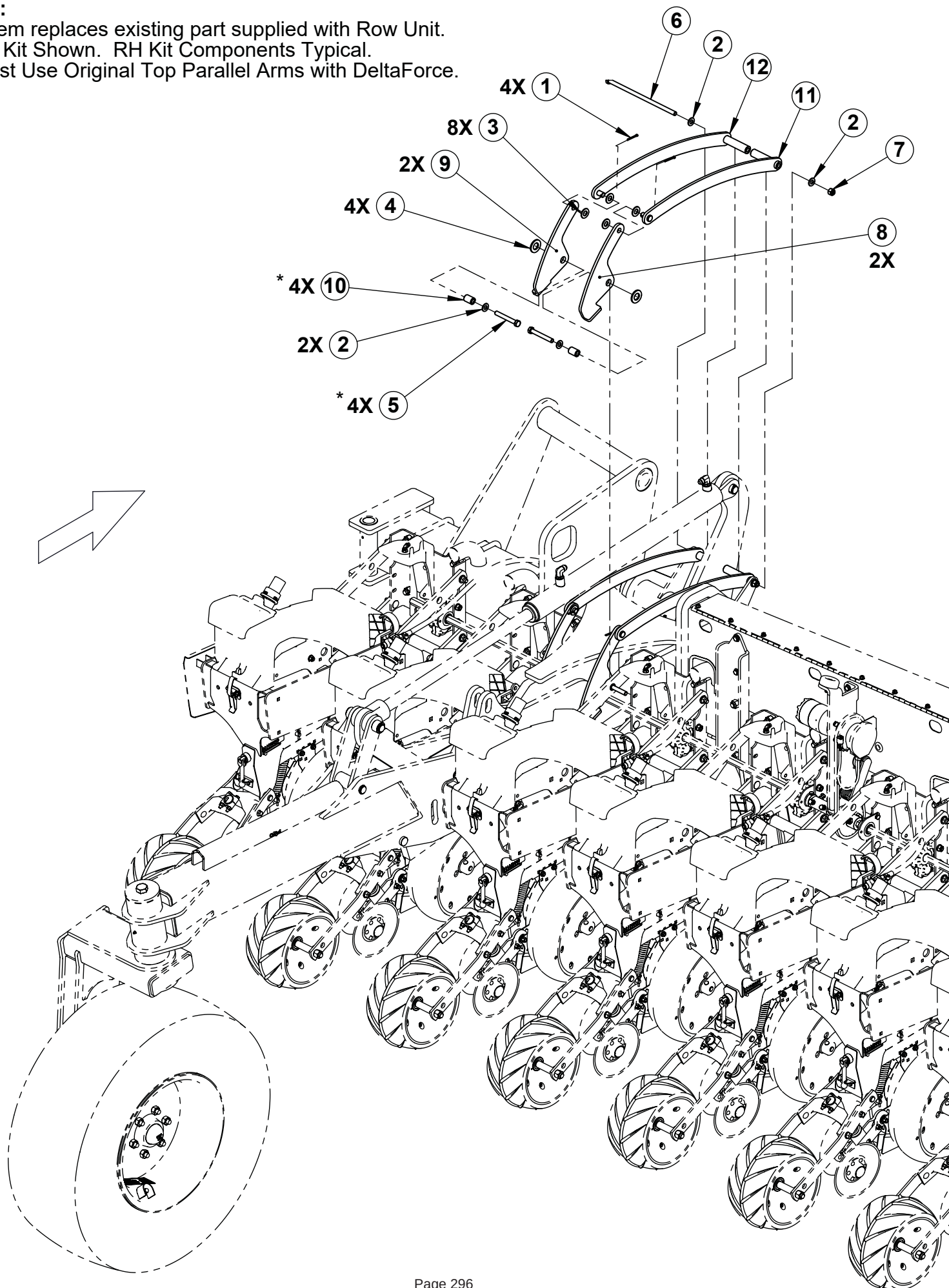
TA00881 Assy, RUL 24R22 w/14" Arms

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	CTPIN-0.156X1.50	Cotter Pin, 5/32x1-1/2	4	
2	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	8	
3	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	8	
4	FW-SAE-0.875Y	Washer, Flat SAE 7/8 YZ	4	
5	HB-0.500-13X3.75Y8	Bolt, Hex Hd 1/2-13x3-3/4 YZ8	4	
6	HB-0.500-13X12.00Y8	Bolt, Hex Hd 1/2-13x12 YZ8	2	
7	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	2	
8	T0052791	Row Unit Lift Bracket Left	2	
9	T0052792	Row Unit Lift Bracket Right	2	
10	T0052796	Bushing, Row Unit Lift	4	
11	TW000813	RUL Left Conn Brkt - 14"	2	
12	TW000814	RUL Right Conn Brkt - 14"	2	



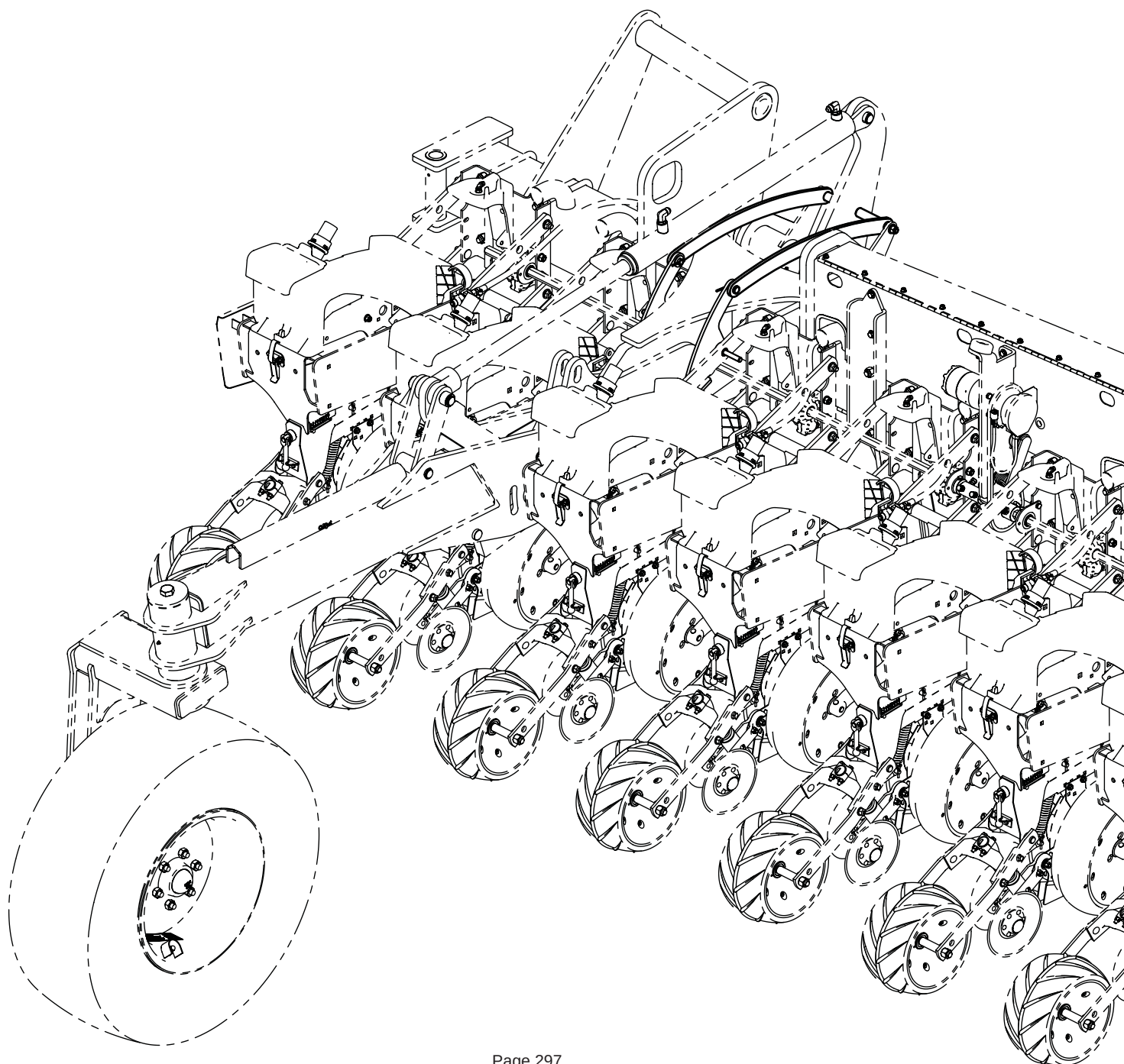
Notes:

1. * Item replaces existing part supplied with Row Unit.
2. LH Kit Shown. RH Kit Components Typical.
3. Must Use Original Top Parallel Arms with DeltaForce.



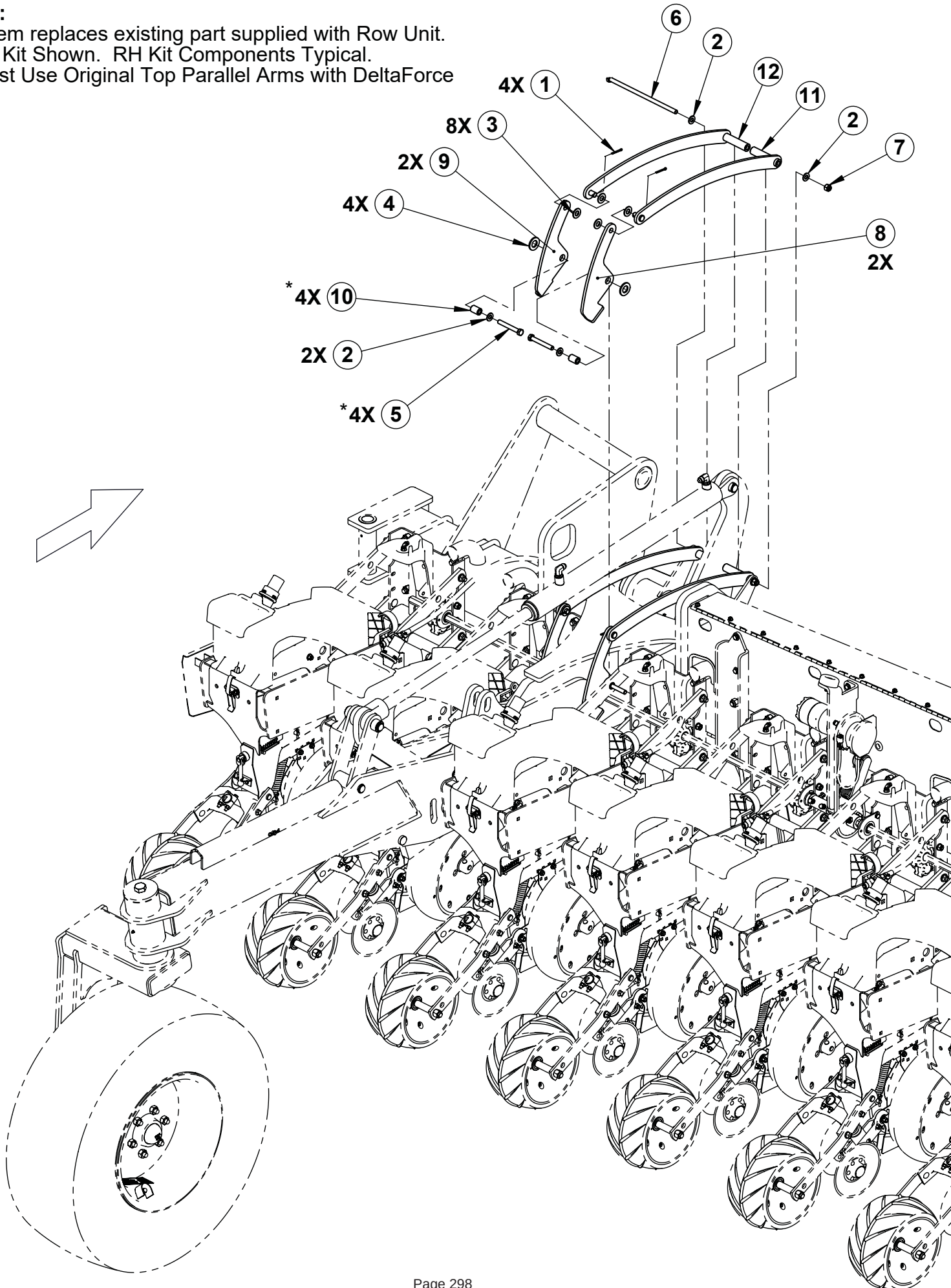
TA00903 Assy, RUL 24R22 w/20" Arms

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	CTPIN-0.156X1.50	Cotter Pin, 5/32x1-1/2	4	
2	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	8	
3	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	8	
4	FW-SAE-0.875Y	Washer, Flat SAE 7/8 YZ	4	
5	HB-0.500-13X3.75Y8	Bolt, Hex Hd 1/2-13x3-3/4 YZ8	4	
6	HB-0.500-13X12.00Y8	Bolt, Hex Hd 1/2-13x12 YZ8	2	
7	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	2	
8	T0052804	Row Unit Lift Bracket Left-20"	2	
9	T0052805	Row Unit Lift Bracket Right - 20"	2	
10	T0052796	Bushing, Row Unit Lift	4	
11	TW000815	RUL Left Conn Brkt - 20"	2	
12	TW000816	RUL Right Conn Brkt - 20"	2	



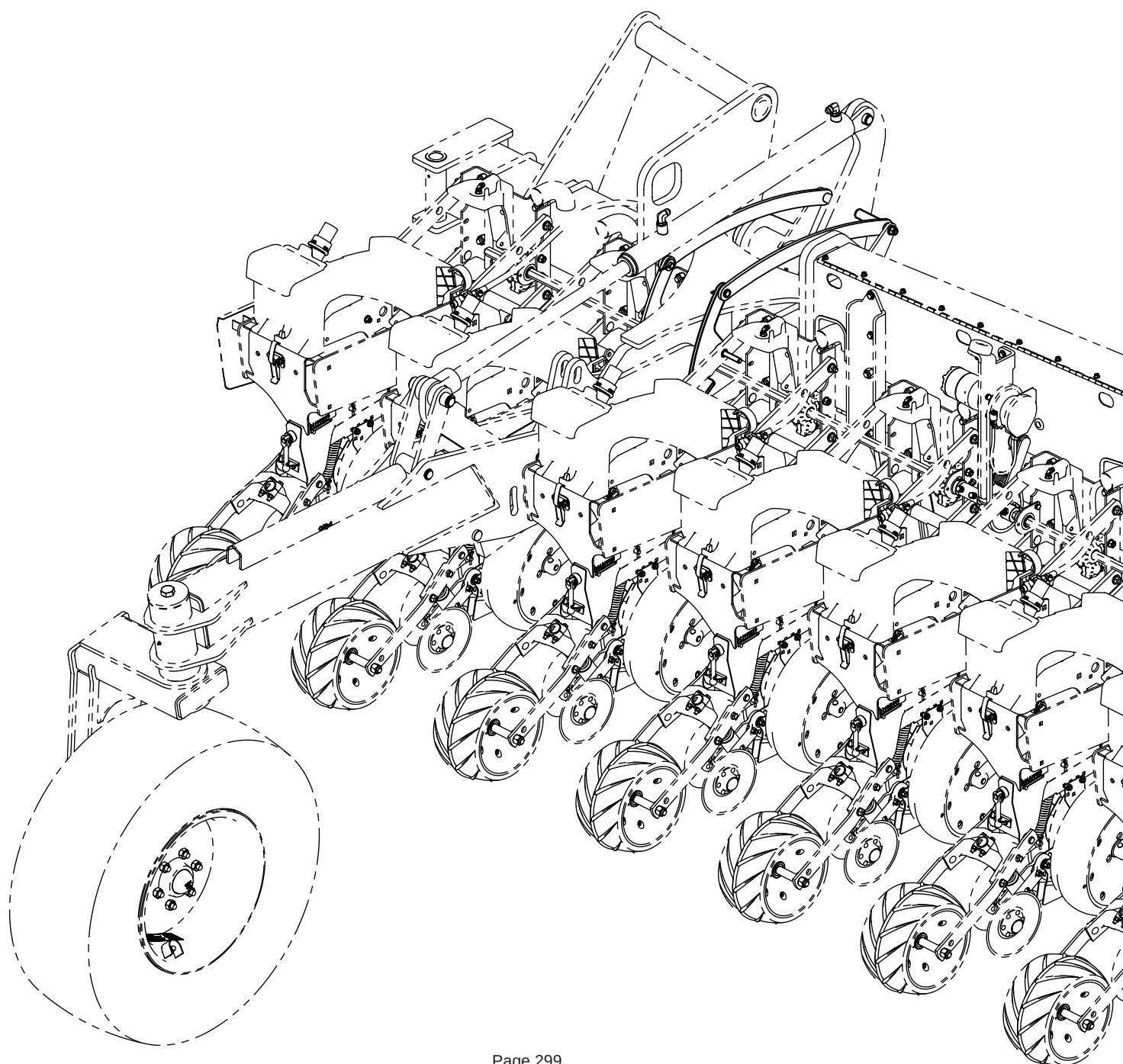
Notes:

1. * Item replaces existing part supplied with Row Unit.
2. LH Kit Shown. RH Kit Components Typical.
3. Must Use Original Top Parallel Arms with DeltaForce



TA00902 Assy, RUL 24R22 w/24" Arms

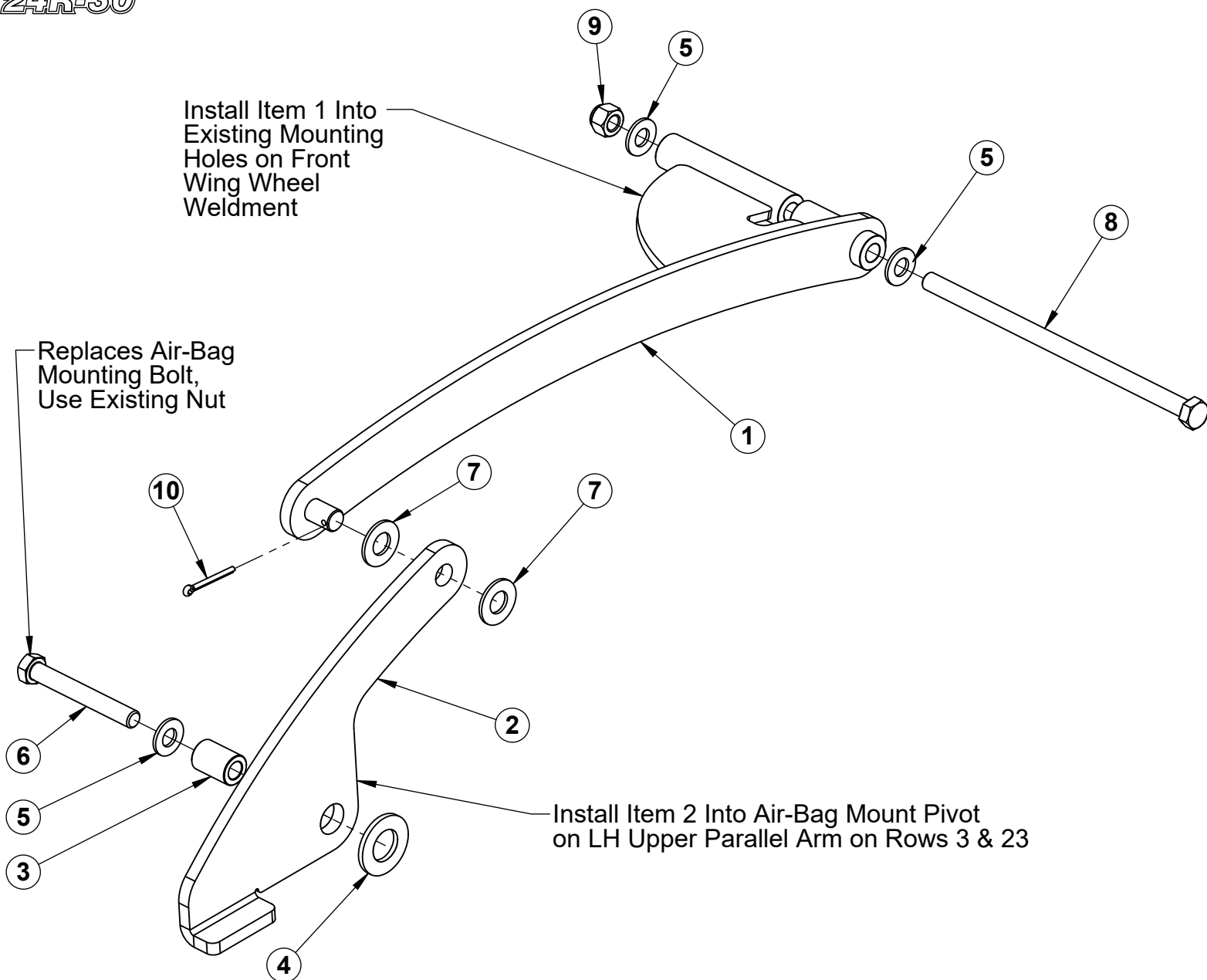
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	CTPIN-0.156X1.50	Cotter Pin, 5/32x1-1/2	4	
2	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	8	
3	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	8	
4	FW-SAE-0.875Y	Washer, Flat SAE 7/8 YZ	4	
5	HB-0.500-13X3.75Y8	Bolt, Hex Hd 1/2-13x3-3/4 YZ8	4	
6	HB-0.500-13X12.00Y8	Bolt, Hex Hd 1/2-13x12 YZ8	2	
7	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	2	
8	T0052804	Row Unit Lift Bracket Left-20"	2	
9	T0052805	Row Unit Lift Bracket Right - 20"	2	
10	T0052796	Bushing, Row Unit Lift	4	
11	TW000828	RUL Left Conn Brkt - 24"	2	
12	TW000829	RUL Right Conn Brkt - 24"	2	



Install Item 1 Into
Existing Mounting
Holes on Front
Wing Wheel
Weldment

Replaces Air-Bag
Mounting Bolt,
Use Existing Nut

Install Item 2 Into Air-Bag Mount Pivot
on LH Upper Parallel Arm on Rows 3 & 23

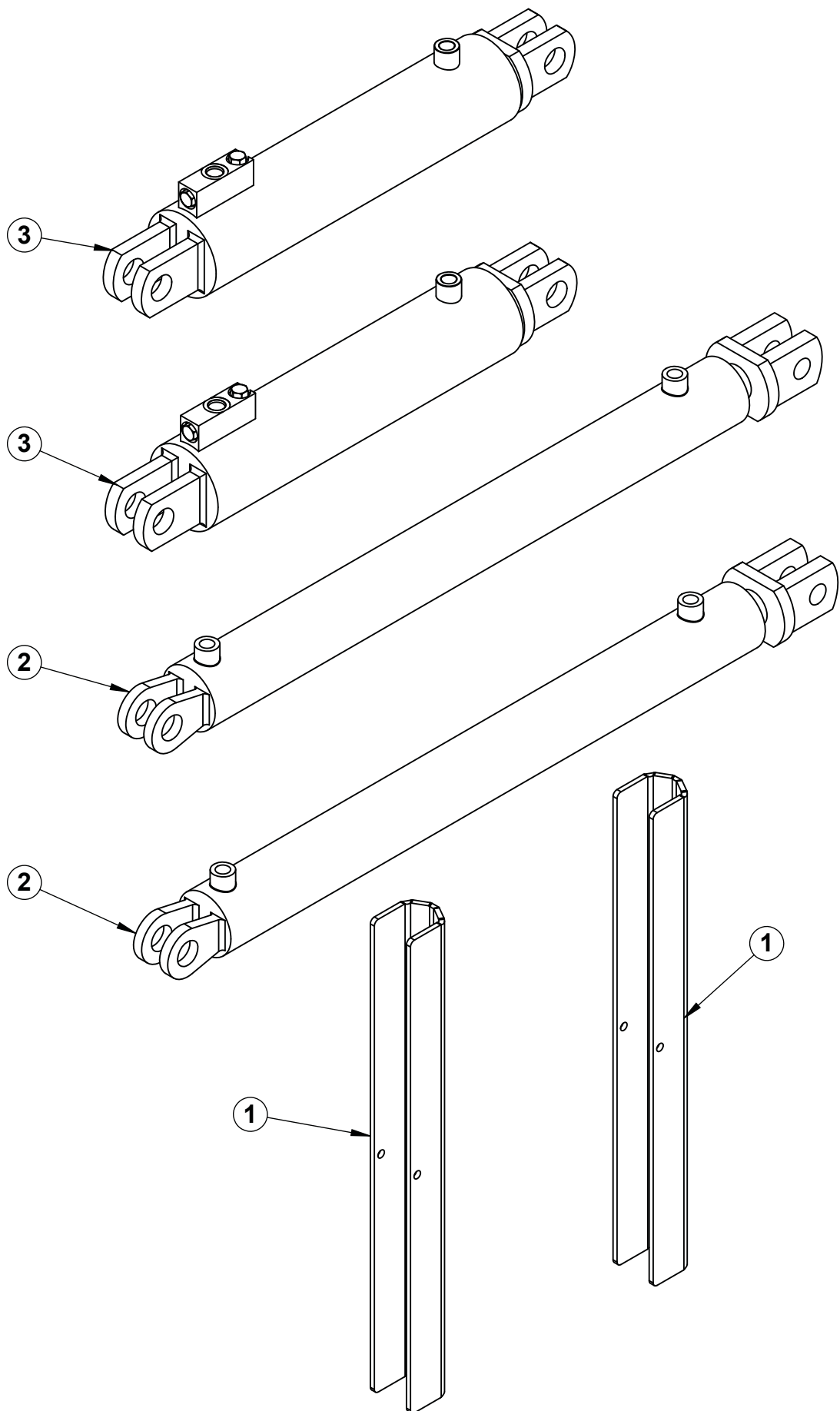


Note:

1. Install on Rows 3 & 23 Quantities Shown are Per Planter.
2. Must Use Original Top Parallel Arms with DeltaForce.

TA00906 Assy, RUL 24R30 w/14" Arms

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW000831	Wldmt, RU Lift Arm 30"	2	
2	T0052791	Row Unit Lift Bracket Left	2	
3	T0052796	Bushing, Row Unit Lift	2	
4	FW-SAE-0.875Y	Washer, Flat SAE 7/8 YZ	2	
5	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	6	
6	HB-0.500-13X3.75Y8	Bolt, Hex Hd 1/2-13x3-3/4 YZ8	2	
7	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	4	
8	HB-0.500-13X10.00Y8	Bolt, Hex Hd 1/2-13x10 YZ8	2	
9	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	2	
10	CTPIN-0.156X1.50	Cotter Pin, 5/32x1-1/2	2	



TA02207 Assy, Lift Cylinder Upgrade Kit (3.75" Master)			
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	T0053296	Channel - Wing Cylinder Stop	2
2	TA01735	Cylinder, Hyd 2.75X27.50 Reph	2
3	TA02154	Cylinder, Hyd 3.75X14.00 Reph	2

! WARNING

Before operating machine, read operator's manual and ALL SAFETY instructions.

If manual is missing, contact your dealer or service department.

1. Before starting engine or operation, clear area of bystanders.
2. Disengage drives, stop engine, wait for all movement to stop before leaving operator's position.
3. Keep all shields in place. Keep hands, feet, clothing and hair away from moving parts.
4. Keep riders off machines.
5. Use Slow-Moving Vehicle (SMV) identification emblem and flashing warning lights when operating on highways, except when prohibited by law.
6. Never adjust, lubricate, clean or unplug machine with engine running.

Failure to comply could result in death or serious injury.

PIN T0051573



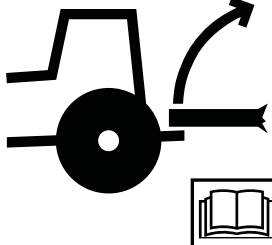
! WARNING

TIPPING HAZARD

- Fold or lower implement before unhooking from tractor drawbar.

Failure to comply could result in death or serious injury.

PIN T0051575

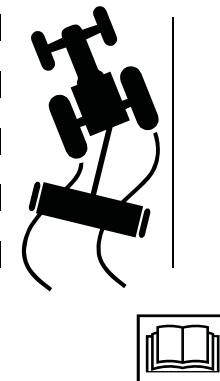


! WARNING

- Properly prepare machine for transport / loading.
- Transport with Ag Tractor only.
- 20 mph [32 km/h] - MAX. road speed.
- DO NOT transport more than half filled tanks or hoppers.
- Towing unit must weigh at least .67 x GROSS weight of towed machine include weight in tanks or hoppers.
- Towing unit must be equipped with compatible electrical connections to operate lights.
- Use caution when on turns, inclines, or hazardous road conditions to avoid loss of control.
- Attach properly sized safety chain.

Failure to comply could result in death or serious injury.

PIN T0051574



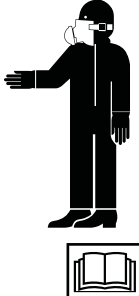
! WARNING

CHEMICAL HAZARD

Wear Protective Equipment as directed on Chemical Label.

Failure to comply could result in death or serious injury.

PIN T0051589



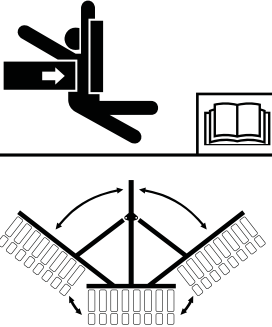
! WARNING

CRUSH HAZARD

- Stand clear of machine when folding to transport position, or unfolding to planting position.

Failure to comply could result in death or serious injury.

PIN T0051588



! DANGER

ELECTROCUTION HAZARD

Keep markers away from overhead electrical wires.

Failure to comply will result in death or serious injury.

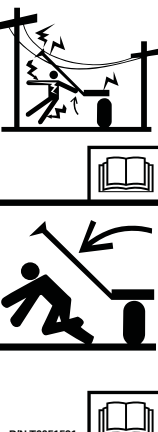
! WARNING

CRUSH HAZARD

- KEEP CLEAR
- Markers actuate automatically.

Failure to comply could result in death or serious injury.

PIN T0051591



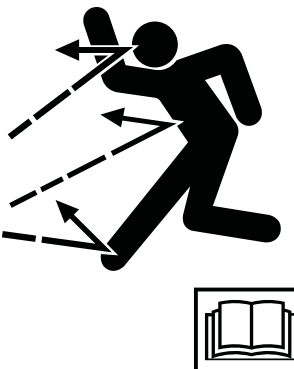
! WARNING

PRESSURIZED HAZARD

- Avoid serious injury from exploding parts due to overpressurization or operating systems without all components in place.
- Do not inflate system above 105 psi.
- Do not remove pressure relief valve.
- Do not pressurize system unless all row unit components are in place.

Failure to comply could result in death or serious injury.

PIN T0051592



! WARNING

CRUSH HAZARD BEFORE SERVICING OR TRANSPORTING UNIT

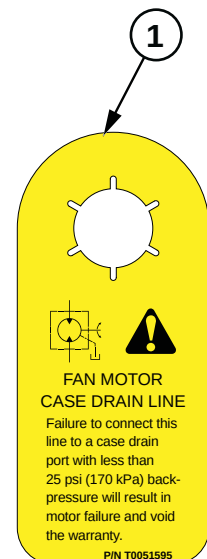
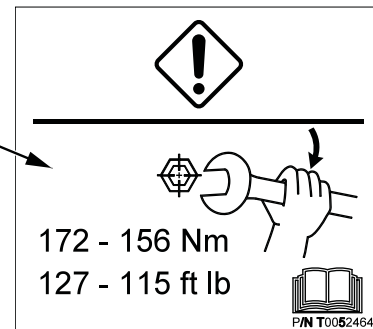
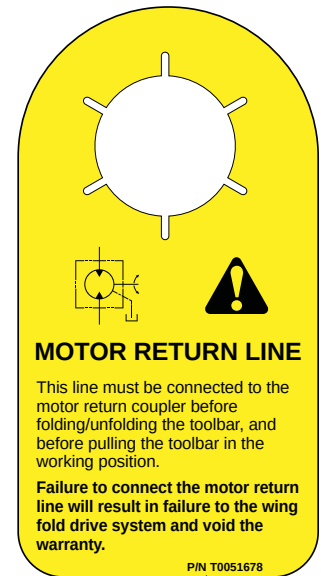
- Install transport locks on the left and right side main lift cylinders to avoid cylinders settling during servicing or transport.

Failure to comply could result in death or serious injury.

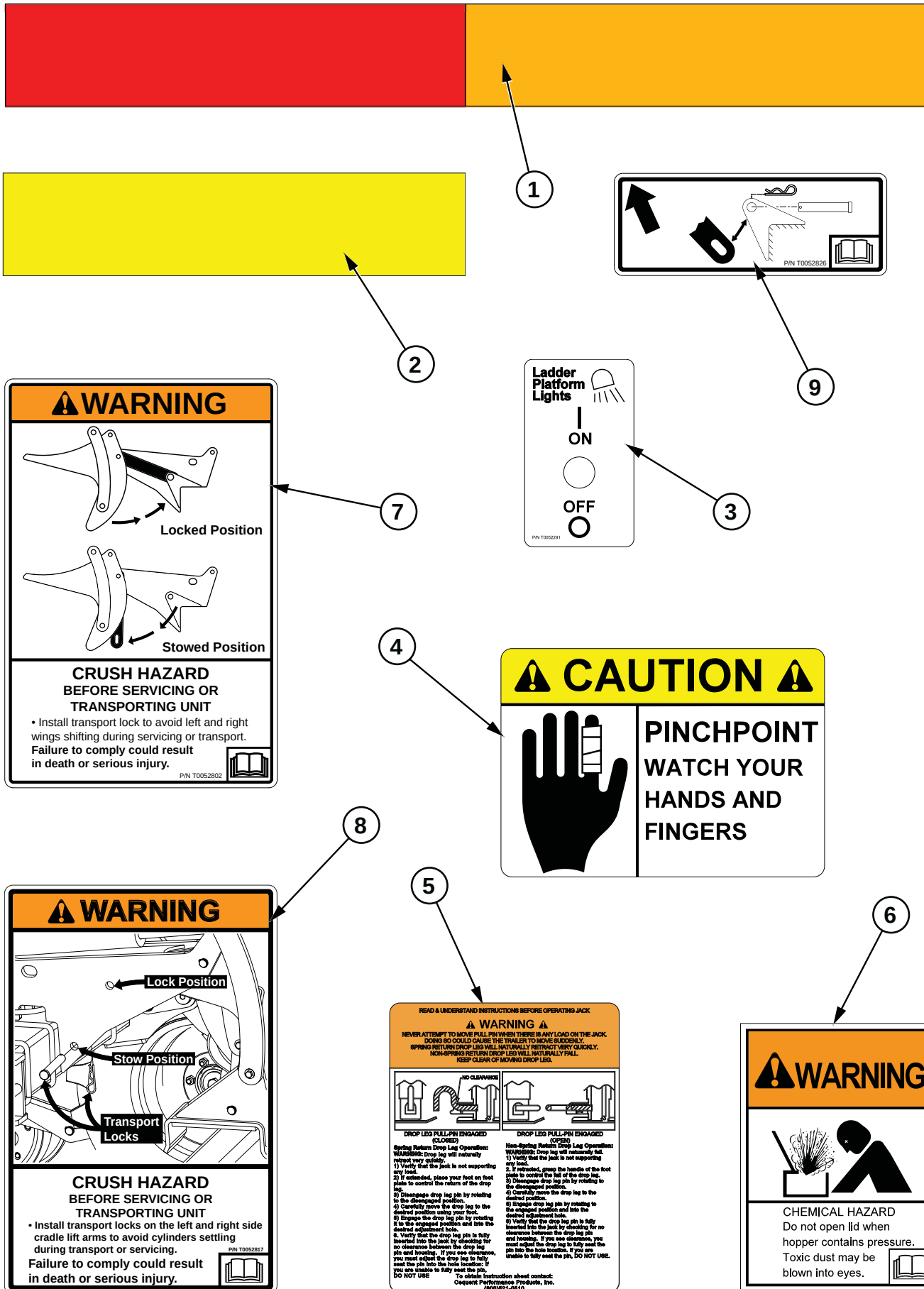
PIN T0051593



Safety Decals			QTY	QTY
ITEM	PART NUMBER	DESCRIPTION	24R22	24R30
1	T0051573	Decal, Warning - Machine Safety	1	1
2	T0051574	Decal, Warning-Machine Transport	1	1
3	T0051575	Decal, Warning-Tipping Hazard	2	2
4	T0051588	Decal, Warning - Crush Hazard	2	4
5	T0051589	Decal, Warning - Chemical Hazard	3	3
6	T0051591	Decal, Danger-Elec Haz-Warning Crush Haz	2	2
7	T0051592	Decal, Warning - Pressurized Hazard	2	2
8	T0051593	Decal, Warn-Trans Crush Haz Main Lift	2	2



Safety Decals Contd...			QTY	QTY
ITEM	PART NUMBER	DESCRIPTION	24R22	24R30
1	T0051595	Decal, Notice-Fan Motor Case Drain	1	1
2	T0051596	Decal, Warning - Ladder Lowering	1	1
3	T0051653	Decal, No Step	1	N/A
4	T0051669	Decal, Warning-Hyd Fluid Hazard	1	1
5	T0051678	Decal, Notice-Motor Return Line	1	1
6	T0051686	Decal, Warn-Trans Crush Haz Cradle Lift	N/A	1
7	T0051702	Decal, Important-Case Drain Mot Ret	1	1
8	T0051737	Decal, Warning, Crush Haz Service Wing Wheel	2	2
9	T0052464	Decal, Torque Bolt-Row Marker	2	2



Safety Decals Contd....			QTY	QTY
ITEM	PART NUMBER	DESCRIPTION	24R22	24R30
1	T0051727	Decal, Reflector,Red,Orange-2x18	4	4
2	T0051729	Decal, Reflector,Yellow-2x9	18	26
3	T0052291	Decal, Ladder Platform Lights	1	1
4	T0052659	Decal, Pinch Point	1	1
5	T0052660	Decal, Warning Imp Jack	1	2
6	47433195	Decal, Warning,Chem Haz BF Lid	N/A	2
7	T0052802	Decal, Warning-Crush Haz Left Cyl	N/A	1
8	T0052817	Decal, Warning-Crush Haz Left Cyl	N/A	2
9	T0052826	Decal, Notice Trans Lock	N/A	1

TITAN YIELDTRAC BAR

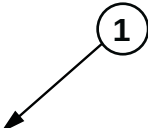


Product Decals

ITEM	PART NUMBER	DESCRIPTION	QTY. PER MACHINE
1	T0051442	Decal, Titan 6x28.1	2
2	T0051443	Decal, Yieldtrac Bar 4.4x47.1	2
3	T0051663	Decal, YieldTrac With Arch RH	1
4	T0051664	Decal, YieldTrac With Arch LH	1
5	T0052294	Decal, Bulk Fill LH	1
6	T0052295	Decal, Bulk Fill RH	1
7	T0051489	Decal, Early Riser Planter-LH	1
8	T0051542	Decal, Early Riser Planter-RH	1

Misc. Decals

ITEM	PART NUMBER	DESCRIPTION	QTY.
1	T0052540	Decals, Row Unit Number	1


 1

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24

YIELDTRAC 24R-22



YIELDTRAC 24R-30



Product Decals Contd...			QTY	QTY
ITEM	PART NUMBER	DESCRIPTION	24R22	24R30
1	T0051453	Decal, Yldtrac 24R22-3.8x48.2	2	N/A
2	T0051665	Decal, 24R22 LH	1	N/A
3	T0051666	Decal, 24R22 RH	1	N/A
4	T0052651	Decal, Yldtrac 24R30-3.8x48.5	N/A	2
5	T0052652	Decal, 24R30 LH	N/A	1
6	T0052653	Decal, 24R30 RH	N/A	1
7	T0052661	Decal, Max Capacity	1	N/A
8	T0052801	Decal, Max Capacity	N/A	1

Torque – Hydraulic tubes and fittings

Standard torque data for hydraulic tubes and fittings

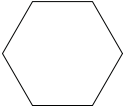
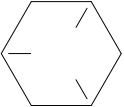
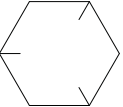
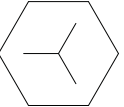
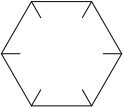
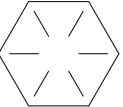
Tube Nuts for 37° Flared Fittings								O-Ring Boss Plugs, Adjustable Fitting Lock Nuts, Swivel JIC - 37 ° Seats			
Size	Tubing OD		Thread Size	ft-lbs		Nm		ft-lbs		Nm	
	Inches	mm		Min	Max	Min	Max	Min	Max	Min	Max
4	1/4	6.4	7/16-20	9	12	12	16	6	10	8	14
5	5/16	7.9	1/2-20	12	15	16	20	10	15	14	20
6	3/8	9.5	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

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

NOTE: 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				

NOTE: 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
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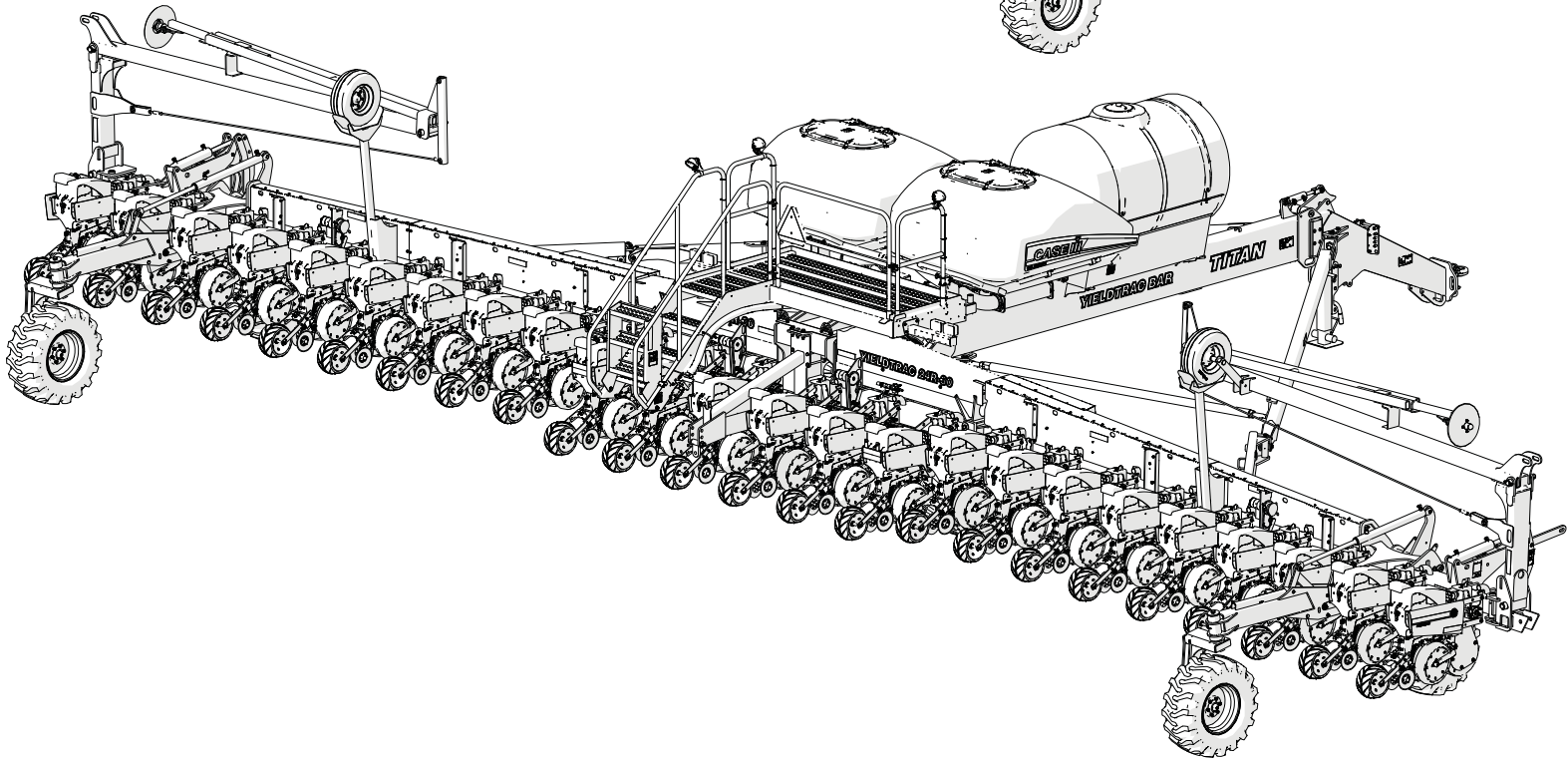
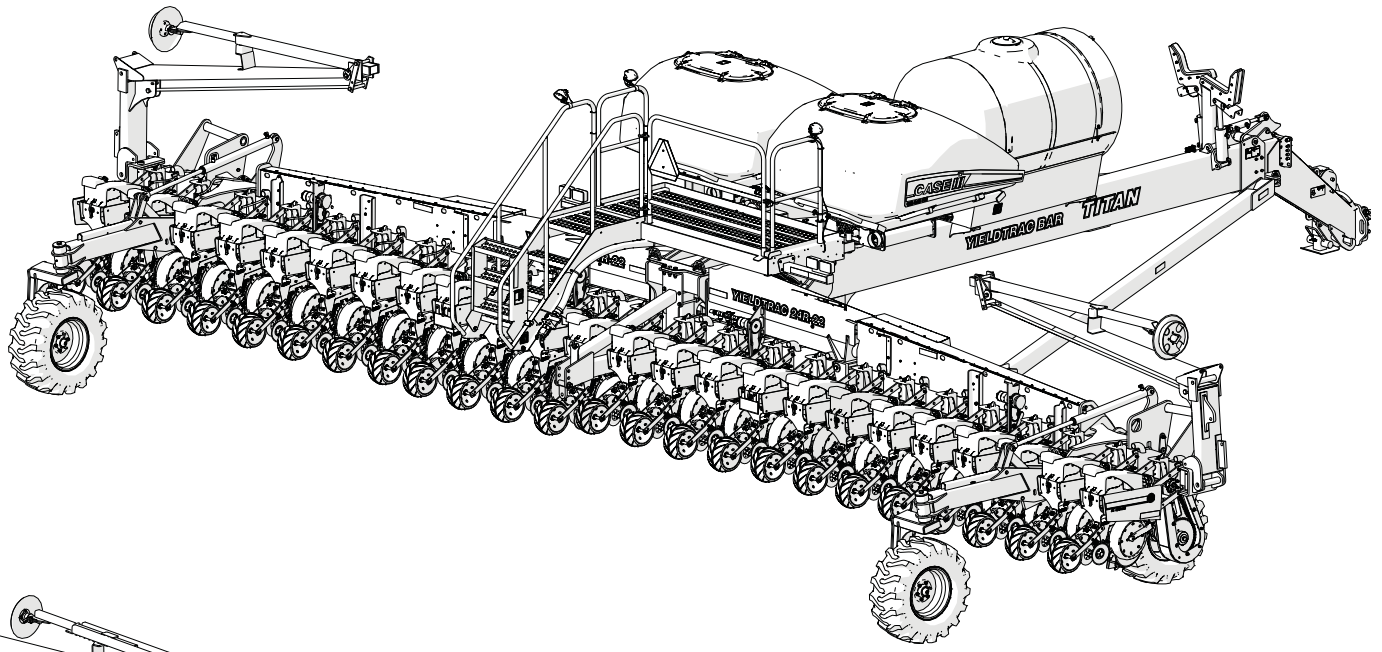
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