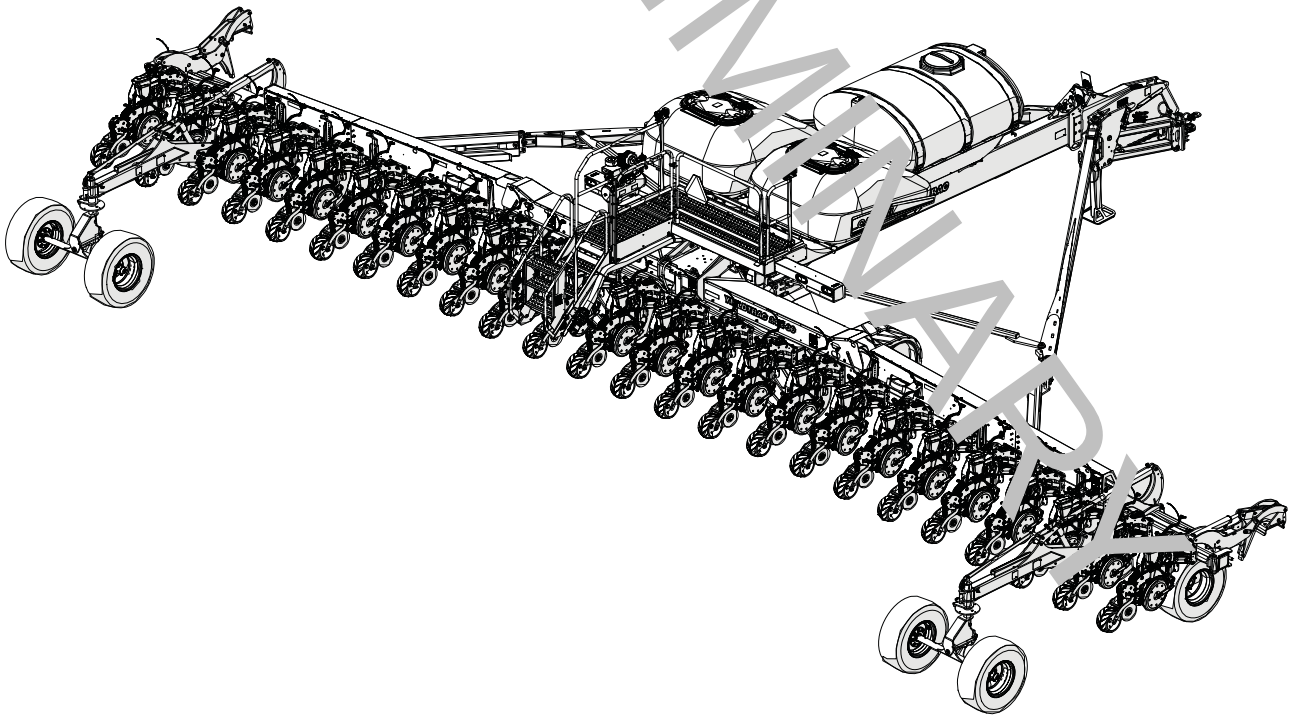
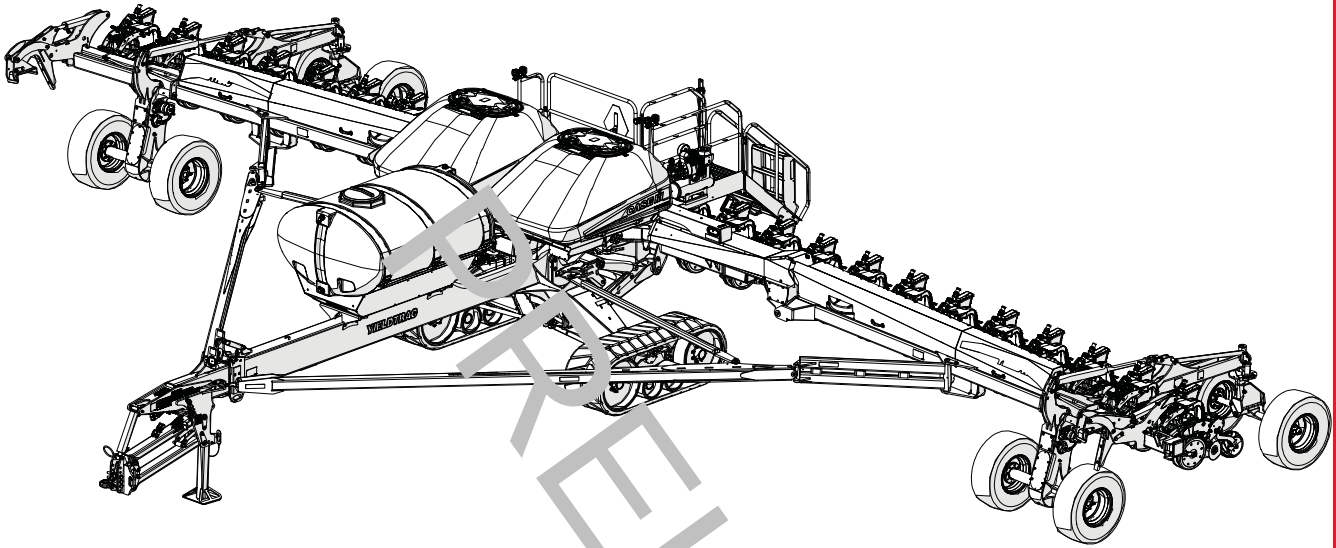


YIELDTRAC



YIELDTRAC Front Fold Trailing Planters **Parts Catalog** **48R-15 (2000 Series)**

Disclaimer

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

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CASE IH



YIELDTRAC

Read and Understand



WARNING

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

Preface

This parts catalog is intended for use with the Norwood Sales Inc. Yieldtrac Planter 48R-15.

Revision History

Issue	Date	Reasons for Change
T0056623	May 1st, 2022	Release

HOW TO USE THIS CATALOG AND LOCATE PARTS

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

Option 1:

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

Option 2:

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

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

48R-15

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.

Designates Parts Catalog Page For Yieldtrac 36R22 Model Only.

Forward Direction Of Travel Symbol

Parts Listing

Exploded Parts Illustration.

Left Configuration

Right Configuration

TA01027 Assy, Manifold Fert Can Bar (Left Configuration)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	70001000	Manifold Fert Can Bar	1	1
2	70001001	1/2" x 1/2" Fitting	2	2
3	70001002	1/2" x 1/2" Fitting	2	2
4	70001003	1/2" x 1/2" Fitting	2	2
5	70001004	1/2" x 1/2" Fitting	2	2
6	70001005	1/2" x 1/2" Fitting	2	2
7	70001006	1/2" x 1/2" Fitting	2	2
8	70001007	1/2" x 1/2" Fitting	2	2
9	70001008	1/2" x 1/2" Fitting	2	2
10	70001009	1/2" x 1/2" Fitting	2	2
11	70001010	1/2" x 1/2" Fitting	2	2
12	70001011	1/2" x 1/2" Fitting	2	2
13	70001012	1/2" x 1/2" Fitting	2	2
14	70001013	1/2" x 1/2" Fitting	2	2
15	70001014	1/2" x 1/2" Fitting	2	2
16	70001015	1/2" x 1/2" Fitting	2	2
17	70001016	1/2" x 1/2" Fitting	2	2
18	70001017	1/2" x 1/2" Fitting	2	2
19	70001018	1/2" x 1/2" Fitting	2	2
20	70001019	1/2" x 1/2" Fitting	2	2
21	70001020	1/2" x 1/2" Fitting	2	2
22	70001021	1/2" x 1/2" Fitting	2	2
23	70001022	1/2" x 1/2" Fitting	2	2
24	70001023	1/2" x 1/2" Fitting	2	2
25	70001024	1/2" x 1/2" Fitting	2	2
26	70001025	1/2" x 1/2" Fitting	2	2
27	70001026	1/2" x 1/2" Fitting	2	2
28	70001027	1/2" x 1/2" Fitting	2	2
29	70001028	1/2" x 1/2" Fitting	2	2
30	70001029	1/2" x 1/2" Fitting	2	2
31	70001030	1/2" x 1/2" Fitting	2	2
32	70001031	1/2" x 1/2" Fitting	2	2
33	70001032	1/2" x 1/2" Fitting	2	2
34	70001033	1/2" x 1/2" Fitting	2	2
35	70001034	1/2" x 1/2" Fitting	2	2
36	70001035	1/2" x 1/2" Fitting	2	2
37	70001036	1/2" x 1/2" Fitting	2	2
38	70001037	1/2" x 1/2" Fitting	2	2
39	70001038	1/2" x 1/2" Fitting	2	2
40	70001039	1/2" x 1/2" Fitting	2	2
41	70001040	1/2" x 1/2" Fitting	2	2
42	70001041	1/2" x 1/2" Fitting	2	2
43	70001042	1/2" x 1/2" Fitting	2	2
44	70001043	1/2" x 1/2" Fitting	2	2
45	70001044	1/2" x 1/2" Fitting	2	2
46	70001045	1/2" x 1/2" Fitting	2	2
47	70001046	1/2" x 1/2" Fitting	2	2
48	70001047	1/2" x 1/2" Fitting	2	2
49	70001048	1/2" x 1/2" Fitting	2	2
50	70001049	1/2" x 1/2" Fitting	2	2
51	70001050	1/2" x 1/2" Fitting	2	2
52	70001051	1/2" x 1/2" Fitting	2	2
53	70001052	1/2" x 1/2" Fitting	2	2
54	70001053	1/2" x 1/2" Fitting	2	2
55	70001054	1/2" x 1/2" Fitting	2	2
56	70001055	1/2" x 1/2" Fitting	2	2
57	70001056	1/2" x 1/2" Fitting	2	2
58	70001057	1/2" x 1/2" Fitting	2	2
59	70001058	1/2" x 1/2" Fitting	2	2
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61	70001060	1/2" x 1/2" Fitting	2	2
62	70001061	1/2" x 1/2" Fitting	2	2
63	70001062	1/2" x 1/2" Fitting	2	2
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65	70001064	1/2" x 1/2" Fitting	2	2
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67	70001066	1/2" x 1/2" Fitting	2	2
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71	70001070	1/2" x 1/2" Fitting	2	2
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73	70001072	1/2" x 1/2" Fitting	2	2
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75	70001074	1/2" x 1/2" Fitting	2	2
76	70001075	1/2" x 1/2" Fitting	2	2
77	70001076	1/2" x 1/2" Fitting	2	2
78	70001077	1/2" x 1/2" Fitting	2	2
79	70001078	1/2" x 1/2" Fitting	2	2
80	70001079	1/2" x 1/2" Fitting	2	2
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83	70001082	1/2" x 1/2" Fitting	2	2
84	70001083	1/2" x 1/2" Fitting	2	2
85	70001084	1/2" x 1/2" Fitting	2	2
86	70001085	1/2" x 1/2" Fitting	2	2
87	70001086	1/2" x 1/2" Fitting	2	2
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90	70001089	1/2" x 1/2" Fitting	2	2
91	70001090	1/2" x 1/2" Fitting	2	2
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93	70001092	1/2" x 1/2" Fitting	2	2
94	70001093	1/2" x 1/2" Fitting	2	2
95	70001094	1/2" x 1/2" Fitting	2	2
96	70001095	1/2" x 1/2" Fitting	2	2
97	70001096	1/2" x 1/2" Fitting	2	2
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117	70001116	1/2" x 1/2" Fitting	2	2
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120	70001119	1/2" x 1/2" Fitting	2	2
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132	70001131	1/2" x 1/2" Fitting	2	2
133	70001132	1/2" x 1/2" Fitting	2	2
134	70001133	1/2" x 1/2" Fitting	2	2
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162	70001161	1/2" x 1/2" Fitting	2	2
163	70001162	1/2" x 1/2" Fitting	2	2
164	70001163	1/2" x 1/2" Fitting	2	2
165	70001164	1/2" x 1/2" Fitting	2	2
166	70001165	1/2" x 1/2" Fitting	2	2
167	70001166	1/2" x 1/2" Fitting	2	2
168	70001167	1/2" x 1/2" Fitting	2	2
169	70001168	1/2" x 1/2" Fitting	2	2
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173	70001172	1/2" x 1/2" Fitting	2	2
174	70001173	1/2" x 1/2" Fitting	2	2
175	70001174	1/2" x 1/2" Fitting	2	2
176	70001175	1/2" x 1/2" Fitting	2	2
177	70001176	1/2" x 1/2" Fitting	2	2
178	70001177	1/2" x 1/2" Fitting	2	2
179	70001178	1/2" x 1/2" Fitting	2	2
180	70001179	1/2" x 1/2" Fitting	2	2
181	70001180	1/2" x 1/2" Fitting	2	2
182	70001181	1/2" x 1/2" Fitting	2	2
183	70001182	1/2" x 1/2" Fitting	2	2
184	70001183	1/2" x 1/2" Fitting	2	2
185	70001184	1/2" x 1/2" Fitting	2	2
186	70001185	1/2" x 1/2" Fitting	2	2
187	70001186	1/2" x 1/2" Fitting	2	2
188	70001187	1/2" x 1/2" Fitting	2	2
189	70001188	1/2" x 1/2" Fitting	2	2
190	70001189	1/2" x 1/2" Fitting	2	2
191	70001190	1/2" x 1/2" Fitting	2	2
192	70001191	1/2" x 1/2" Fitting	2	2
193	70001192	1/2" x 1/2" Fitting	2	2
194	70001193	1/2" x 1/2" Fitting	2	2
195	70001194	1/2" x 1/2" Fitting	2	2
196	70001195	1/2" x 1/2" Fitting	2	2
197	70001196	1/2" x 1/2" Fitting	2	2
198	70001197	1/2" x 1/2" Fitting	2	2
199	70001198	1/2" x 1/2" Fitting	2	2
200	70001199	1/2" x 1/2" Fitting	2	2
201	70001200	1/2" x 1/2" Fitting	2	2
202	70001201	1/2" x 1/2" Fitting	2	2
203	70001202	1/2" x 1/2" Fitting	2	2
204	70001203	1/2" x 1/2" Fitting	2	2
205	70001204	1/2" x 1/2" Fitting	2	2
206	70001205	1/2" x 1/2" Fitting	2	2
207	70001206	1/2" x 1/2" Fitting	2	2
208	70001207	1/2" x 1/2" Fitting	2	2
209	70001208	1/2" x 1/2" Fitting	2	2
210	70001209	1/2" x 1/2" Fitting	2	2
211	70001210	1/2" x 1/2" Fitting	2	2
212	70001211	1/2" x 1/2" Fitting	2	2
213	70001212	1/2" x 1/2" Fitting	2	2
214	70001213	1/2" x 1/2" Fitting	2	2
215	70001214	1/2" x 1/2" Fitting	2	2
216	70001215	1/2" x 1/2" Fitting	2	2
217	70001216			

Determining Orientation:

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

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



PARTS ORDERING INFORMATION

If you need service or parts for your machine:

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

REPLACEMENT PARTS

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

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

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

Model Number / Serial Number Location

Always give your authorized Norwood dealer the model number and serial number of your Yieldtrac Planter 48R-15 product when ordering parts, requesting service, or any other information to provide the most efficient service.

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



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

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

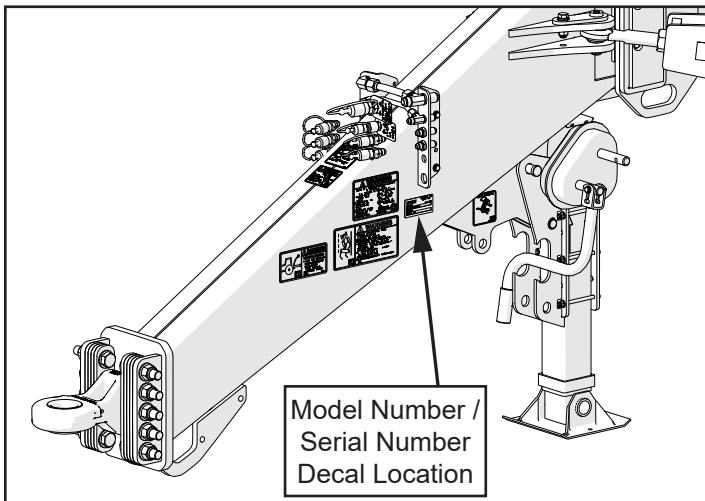


Fig. # 1-2 Model / Serial Number Decal Location

Case IH Planter Content Model Number / Serial Number Location

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

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

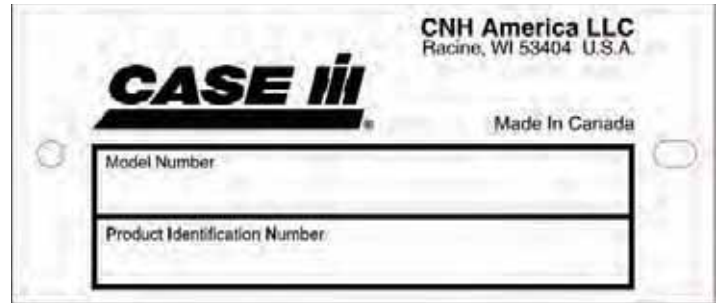


Fig. # 1-3
Model Number/Serial Number Decal

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

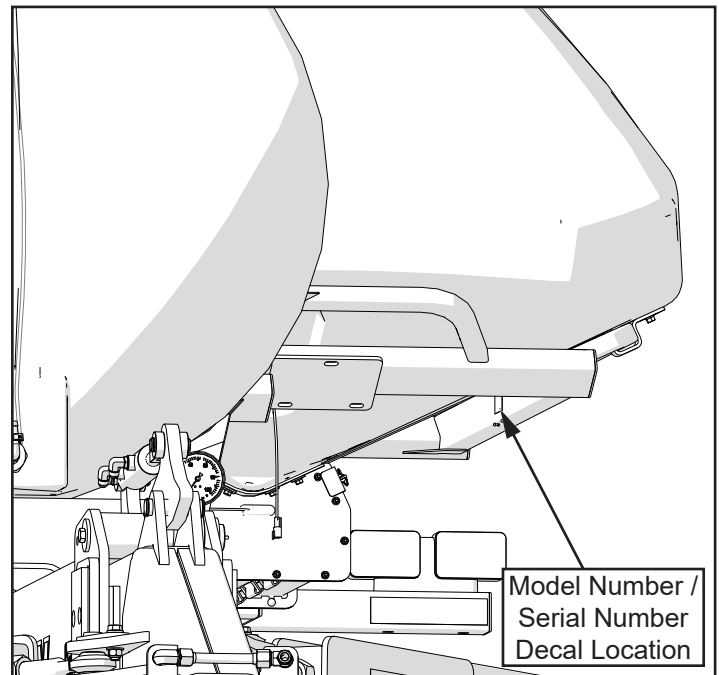


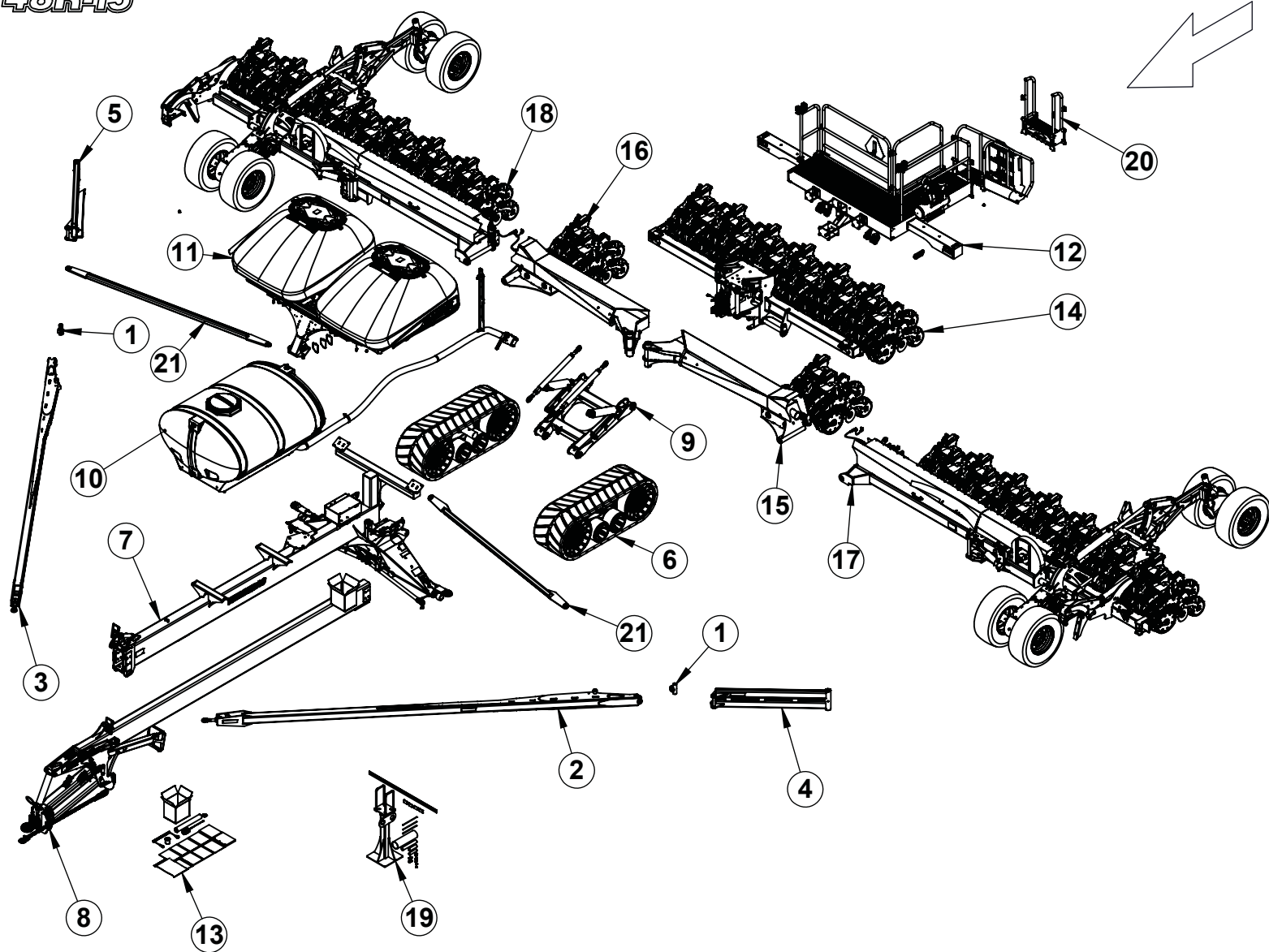
Fig. # 1-4 Model / Serial Number Decal Location On Bulk Fill Assembly

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Torque – Fasteners	1-3
Society of Automotive Engineers (SAE) Fastener Torque	1-3
Metric International Standards Organization (ISO) Fastener Torque	1-4
CONVERSION CHART.....	1-5

YIELDTRAC

Yieldtrac 48R-15 (2000 Series) Parts Catalog

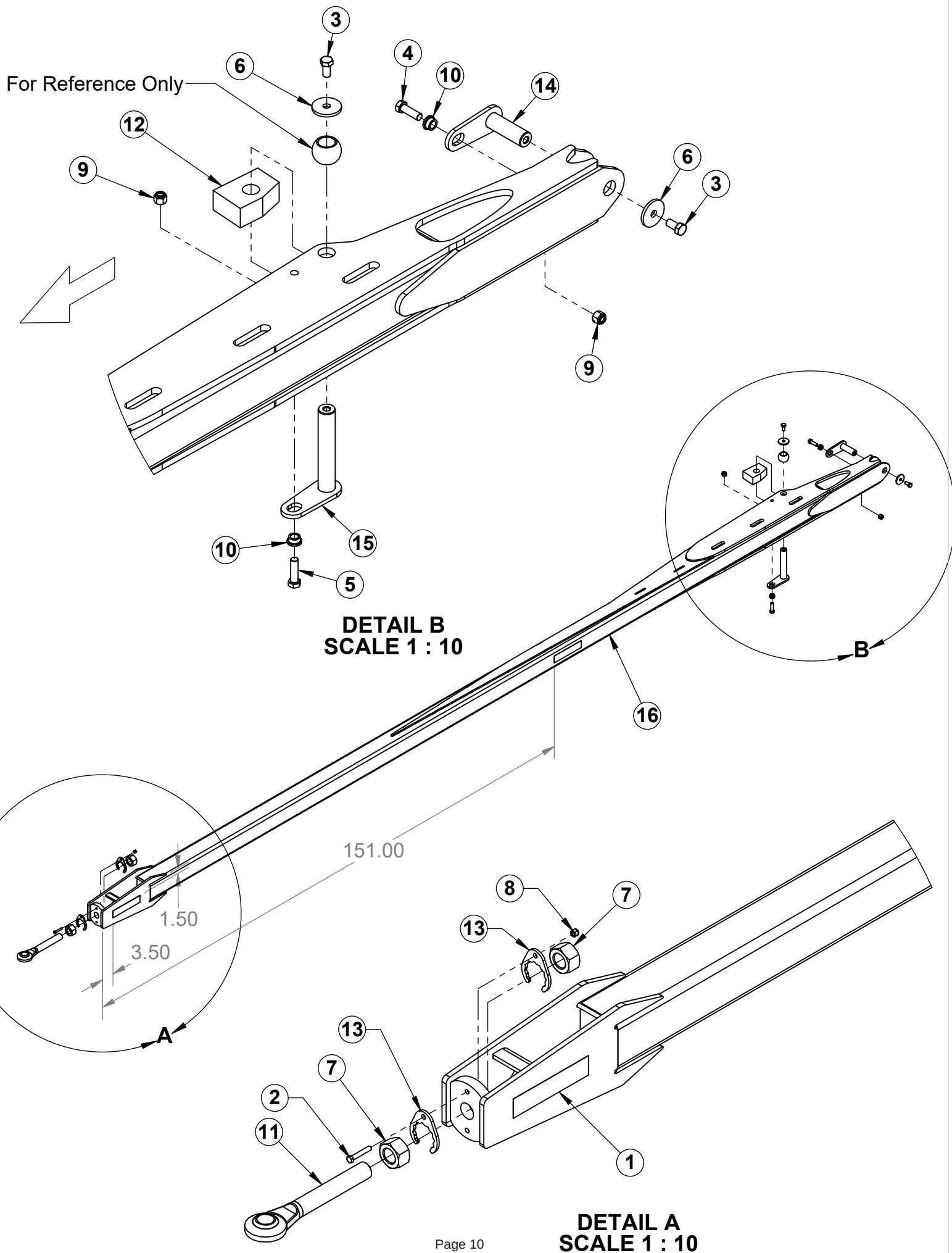


TA02253 Yieldtrac 48R15 (Crary Fans)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0052223	Tow Bar Knuckle Machined	2	
2	TA01356	Assy, Tow Bar	1	
3	TA01356	Assy, Tow Bar	1	
4	TA01360	Assy, Tow Bar Gate - LH	1	
5	TA01361	Assy, Tow Bar Gate - RH	1	
6	TA01589	Option, Track Width	1	
7	TA01879	Option, 60/66' Track Spacing	1	
8	TA01883	Option, 60/66' Front Hitch	1	
9	TA01925	Assy, Main Lift	1	
10	TA01935	Option, 24R30 750 Gal Fertilizer	1	
11	TA01945	Assy, Bulk Fill	1	
12	TA01946	Assy, Ladder Platform	1	
13	TA02201	Operator's Package FF 2000 (All Models)	1	
14	TA01960	Assy, 48R15 Center Bar	1	
15	TA01961	Assy, 48R15 LH Stub Arm	1	
16	TA01962	Assy, 48R15 RH Stub Arm	1	
17	TA02244	Assy, 48R15 LH Wing	1	
18	TA02247	Assy, 48R15 RH Wing	1	
19	TA01988	Assy, Bulk Material 48R15 FF 2000	1	
20	TA02126	Assy, 10" Ladder Ext	1	
21	TW001462	Wldmt, 60/66' Control Link	2	

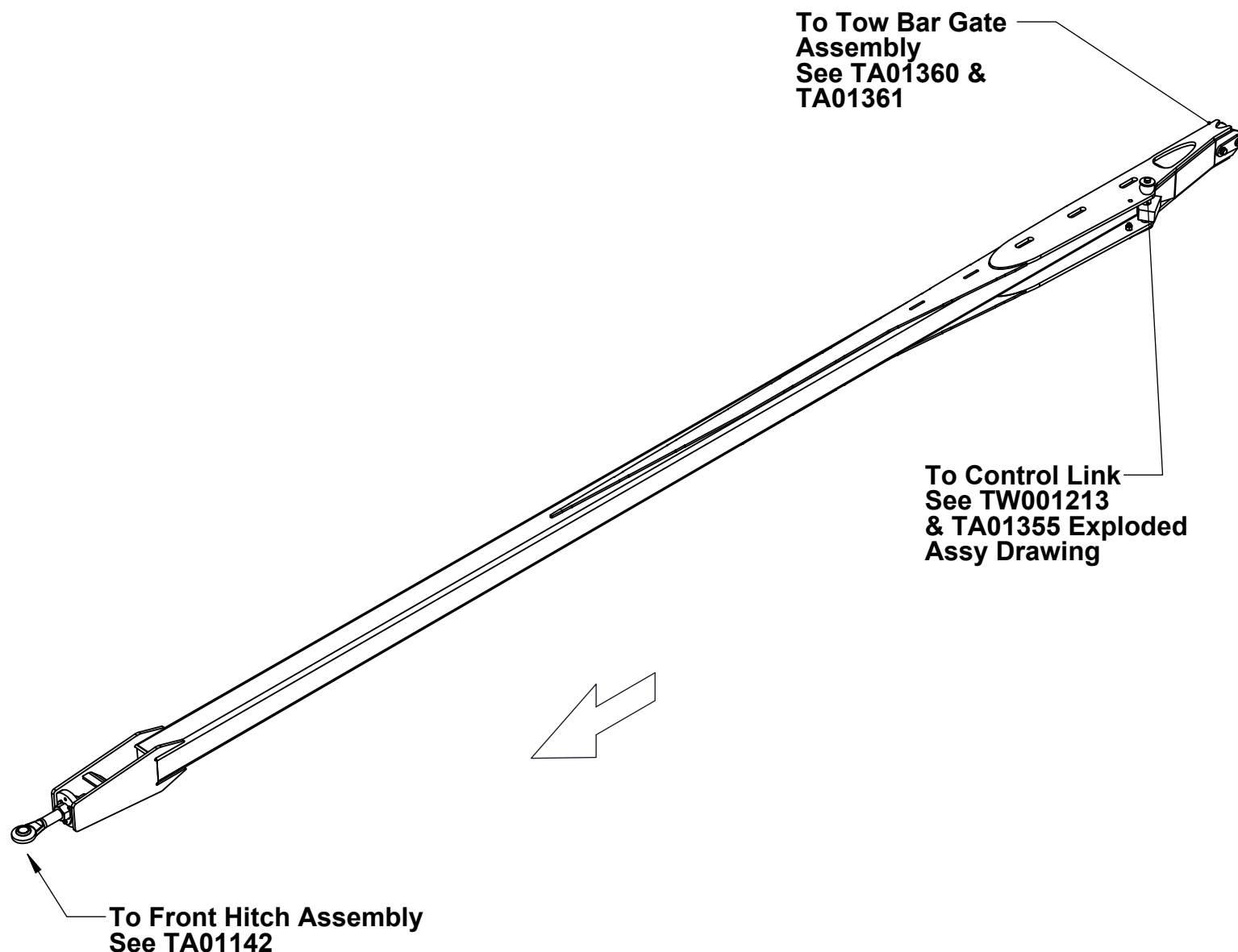
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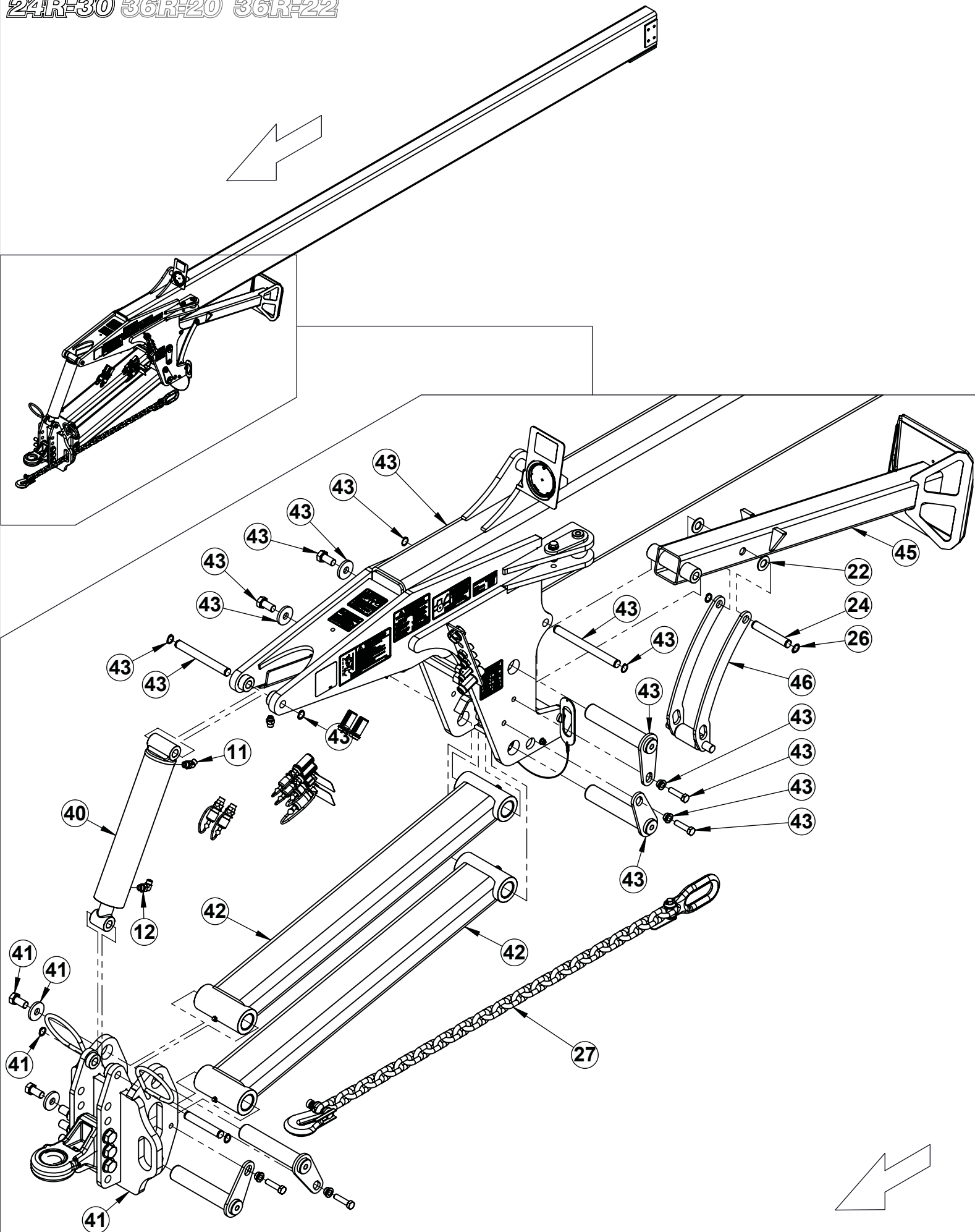
1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



TA01356 Assy, Tow Bar

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	90-44-0410	Decal, Reflector, Yellow-2x9	2	
2	HB-0.375-16X2.25Y8	Bolt, Hex Hd 3/8-16x2-1/4 YZ8	1	
3	HB-0.625-11X1.25Y8	Bolt, Hex Hd 5/8-11x1-1/4 YZ8	2	
4	HB-0.625-11X2.00Y8	Bolt, Hex Hd 5/8-11x2 YZ8	1	
5	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	1	
6	HDWSH-0.64X2.50Y	HD Washer, 41/64x2-1/2 YZ	2	
7	HNUT-1.500-6Y8	Nut, Hex 1-1/2-6 YZ8	2	
8	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	1	
9	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	2	
10	T0050854	Anti Rotation Insert	2	
11	T0051213	RH End Link	1	
12	T0053376	Block, Tow Bar	1	
13	T0056313	Plate, Locking Tow Bar Nut	2	
14	TW000763	Pin Weldment	1	
15	TW000894	Pin Weldment	1	
16	TW001212	Tow Bar Weldment	1	



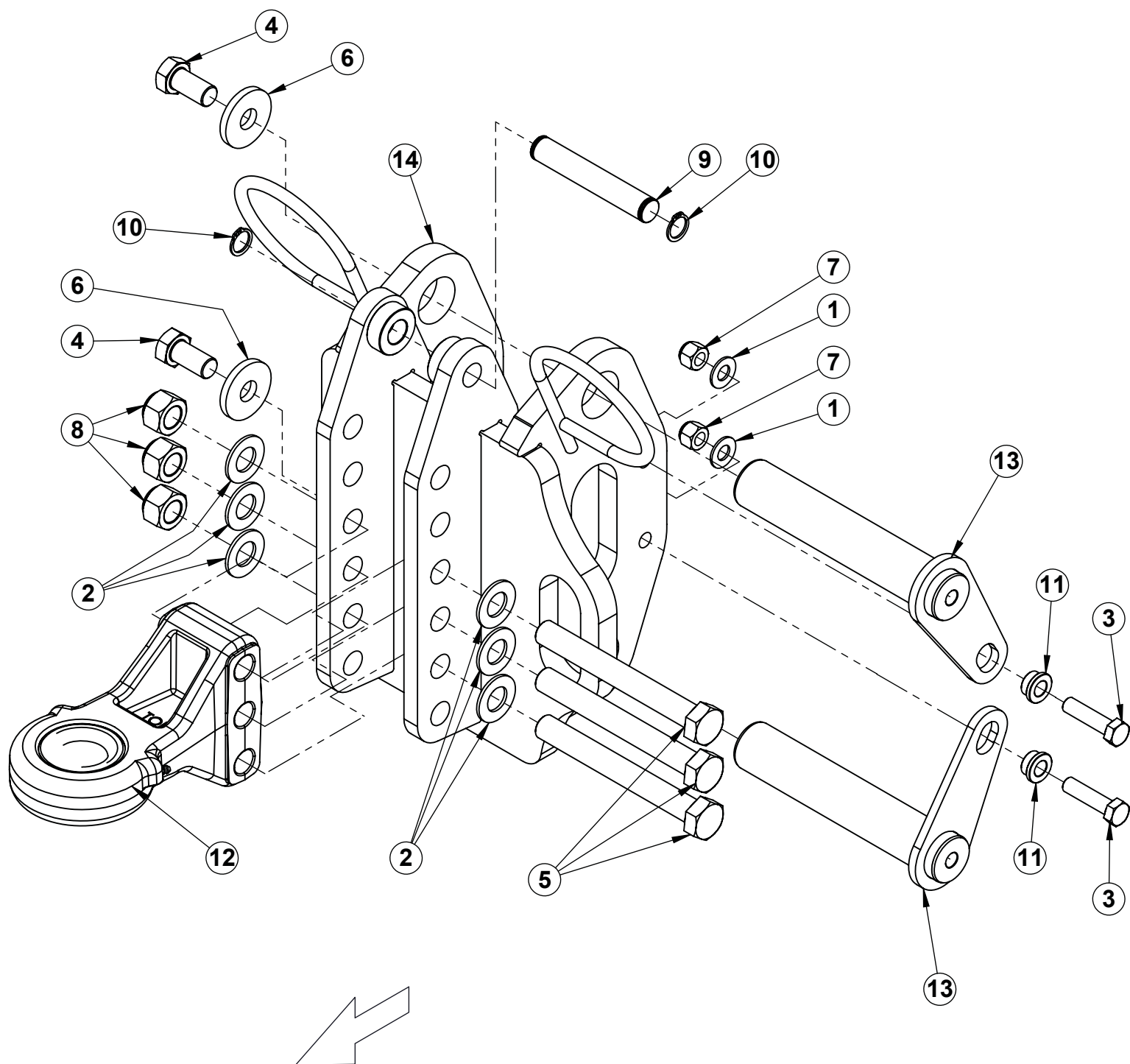


TA01927 Assy, 60/66' 2000 Hydraulic Drawbar Hitch (Sheet 1 of 2)

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	84389953	Sensor, Drain Pressure	1	
2	90-38-00254M	HOSE GRIP, 08 FO X 08 FO BLACK (MINUS)	1	
3	90-38-00254P	HOSE GRIP, 08 FO X 08 FO BLACK (PLUS)	1	
4	90-38-00255M	HOSE GRIP, 08 FO X 08 FO RED (MINUS)	1	
5	90-38-00255P	HOSE GRIP, 08 FO X 08 FO RED (PLUS)	1	
6	90-38-0250	Adapter, Straight, 08 MO x 08 MO	7	
7	90-38-0251	Hose Grip, 08 FO x 08 FO Blue Set (Plus & Minus)	0.5	
8	90-38-0252	Hose Grip, 08 FO x 08 FO Green Set (Plus & Minus)	0.5	
9	90-38-0253	Hose Grip, 08 FO x 08 FO Gold Set (Plus & Minus)	0.5	
10	AD-06FB-08FST	Adapter, 06FB-08FST	1	
11	AD-06MFS-08MB-45	Adapter, 06MFS-08MB 45	3	
12	AD-06MFS-08MB-90	Adapter, 06MFS-08MB 90	1	
13	AD-06MFS-08MB	Adapter, 06MFS-08MB	2	
14	AD-08MFS-08FST-90	Adapter, 08MFS-08FST 90	1	
15	AD-08MFS-08MB	Adapter, 08MFS-08MB	1	
16	AD-08MFS-08MFS-08MFS-BHR	Adapter, 08MFS-08MFS-08MFS BH Run	2	
17	AD-08MFS-08MFS-BH	Adapter, 08MFS-08MFS BH	5	
18	AD-12MFS-12MB	Adapter, 12MFS-12MB	1	
19	AD-12MFS-12MFS-12MFS-BHR	Adapter, 12MFS-12MFS-12MFS BH Run	1	
20	AD-12MFS-12MFS-BH90	Adapter, 12MFS-12MFS BH 90	1	
21	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	2	
22	FW-SAE-1.000Y	Washer, Flat SAE 1 YZ	2	
23	HB-0.375-16X2.25Y8	Bolt, Hex Hd 3/8-16x2-1/4 YZ8	2	
24	PIN-1.000X5.75Y	Pin, 1x5-3/4 YZ	1	
25	RN-0.375-16-.31-.44-Y	Rivet Nut, 3/8-16x0.31-0.44 YZ	2	
26	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	2	
27	T0051511	Safety Chain-61,000 lbs. 80"	1	
28	T0051595	Decal, Notice-Fan Motor Case	1	
29	T0051660	Tip, 1/2" Pioneer	7	
30	T0051678	Decal, Notice-Motor Return	1	
31	T0052376	Tip, Motor Return w/Relief	1	
32	T0052377	Tip, Case Drain w/Relief	1	
33	T0052386	Dust Plug, Pioneer Black	7	
34	T0052387	Dust Cap, Motor Return Black	1	
35	T0052388	Dust Cap, Case Drain Black	1	
36	T0055125	Valve, Double Blocking	1	
37	T0055981	AD-06MFS-06FST w/.062 ORF	1	
38	T0055987	Tube Assy, Crossover	1	
39	T0055988	Tube Assy, Crossover	1	
40	TA01496	Cylinder, Hyd 3.50X16.00	1	
41	TA01511	Assy, Hitch	1	
42	TA01513	Assy, Pivot Tube	2	
43	TA01791	Assy, Front Hitch	1	
44	TA01934	Hose Kit, Hyd Hitch	1	
45	TW001495	Wldmt, Jack Stand	1	
46	TW001496	Wldmt, Jack Pivot Support	1	

Note:

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

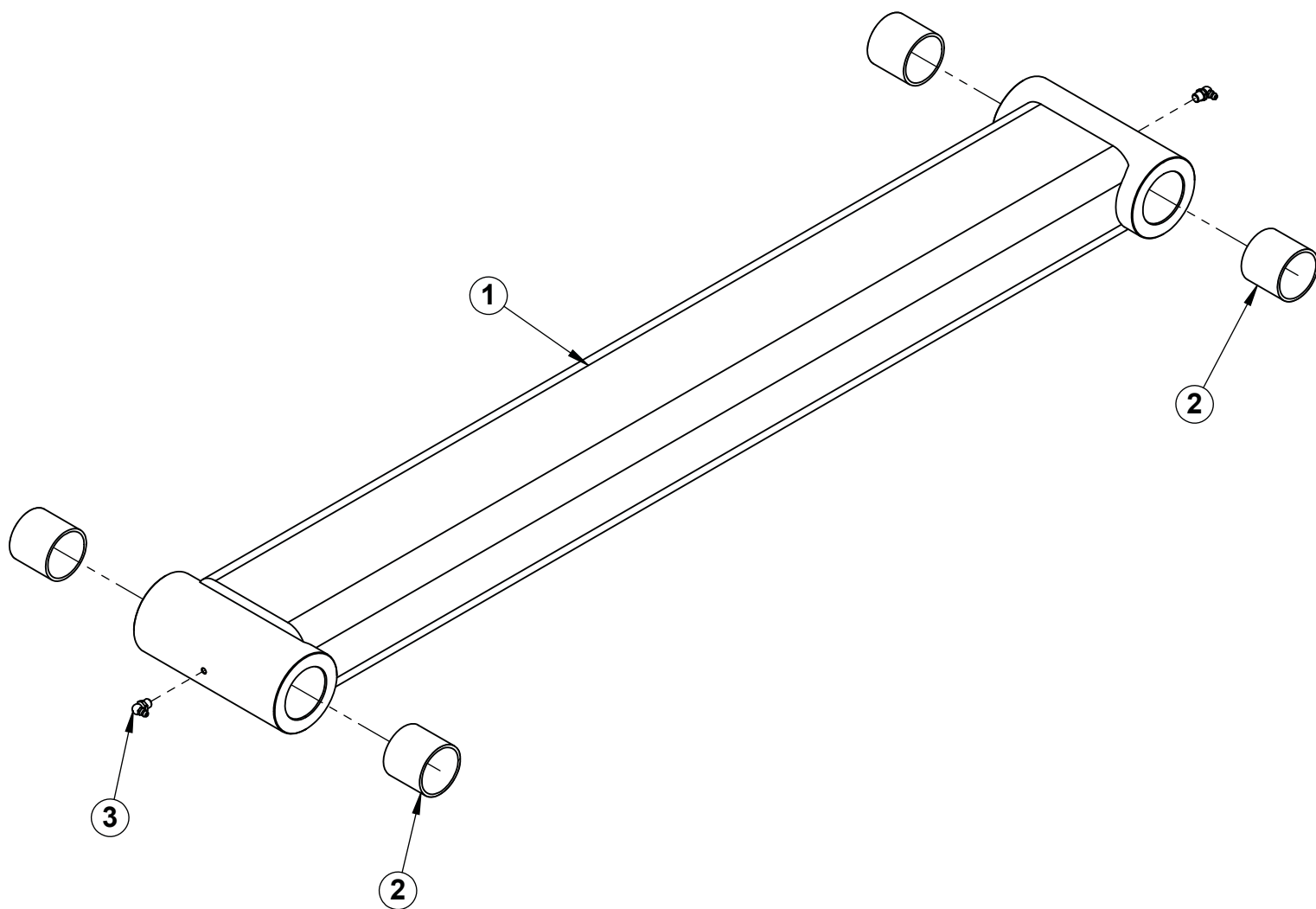


TA01511 Assy, Hitch

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	2	
2	FW-SAE-1.000Y	Washer, Flat SAE 1 YZ	6	
3	HB-0.625-11X2.50Y8	Bolt, Hex Hd 5/8-11x2-1/2 YZ8	2	
4	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4 YZ8	2	
5	HB-1.000-8X8.50Y8	Bolt, Hex Hd 1-8x8-1/2 YZ8	3	
6	HDWSH-0.89X2.50Y	HD Washer, 57/64x2-1/2 YZ	2	
7	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	2	
8	NLNUT-1.000-8Y8	Nylon Lock Nut, 1-8 YZ8	3	
9	PIN-1.000X5.75Y	Pin, 1x5-3/4 YZ	1	
10	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	2	
11	T0050854	Anti Rotation Insert	2	
12	T0055173	Hitch. CAT 4 3-Hole (Option)	1	
12	T0053463	CAT 5 Ball Hitch Assy (Option)	1	
13	TW000950	Pin Weldment	2	
14	TW001252	Wldmt, Front Hitch	1	
15	T0053965	Bushing, Cat 5 2.00" Pin	1	

Note:

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



TA01513 Assy, Pivot Tube

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

Note:

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

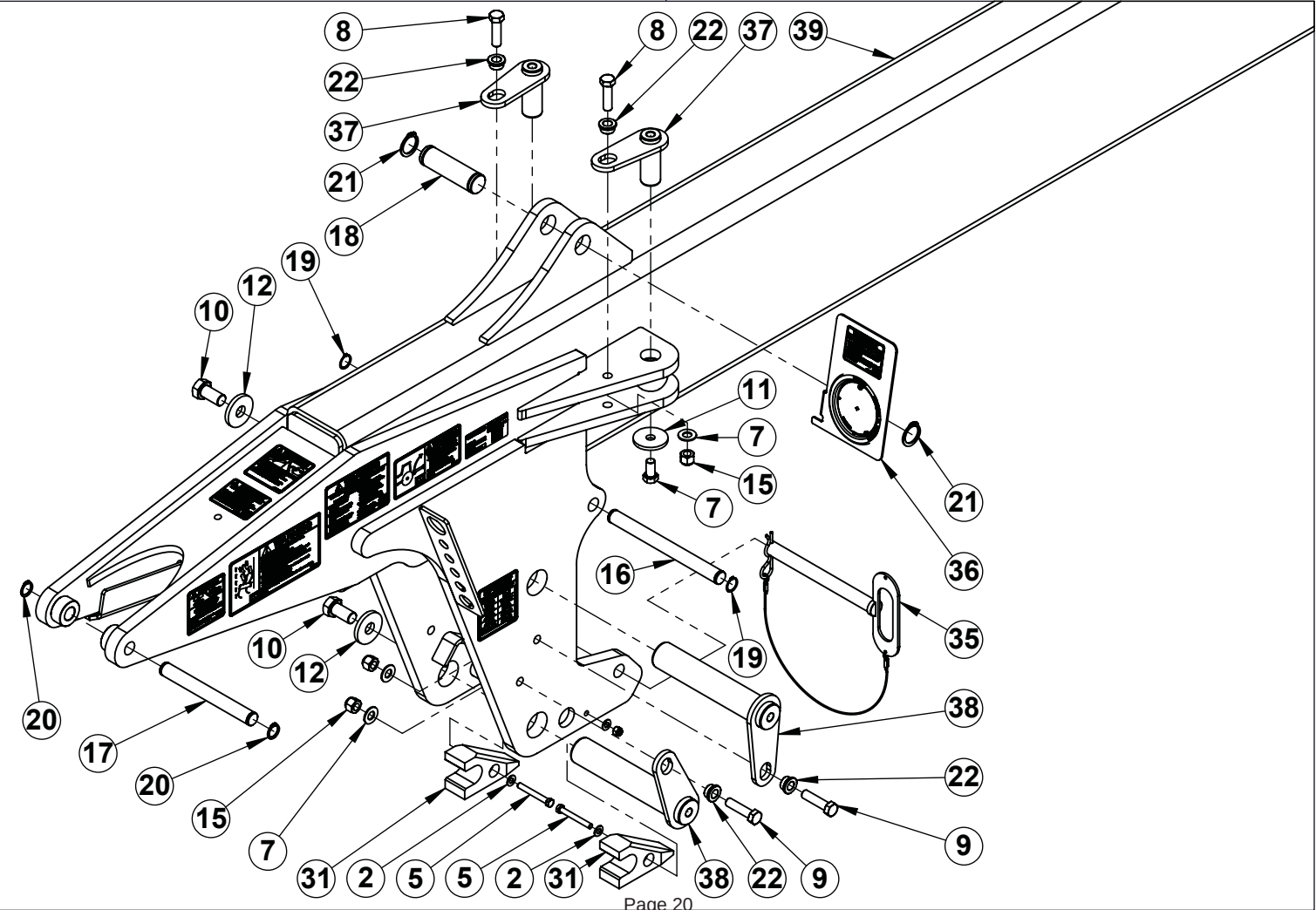
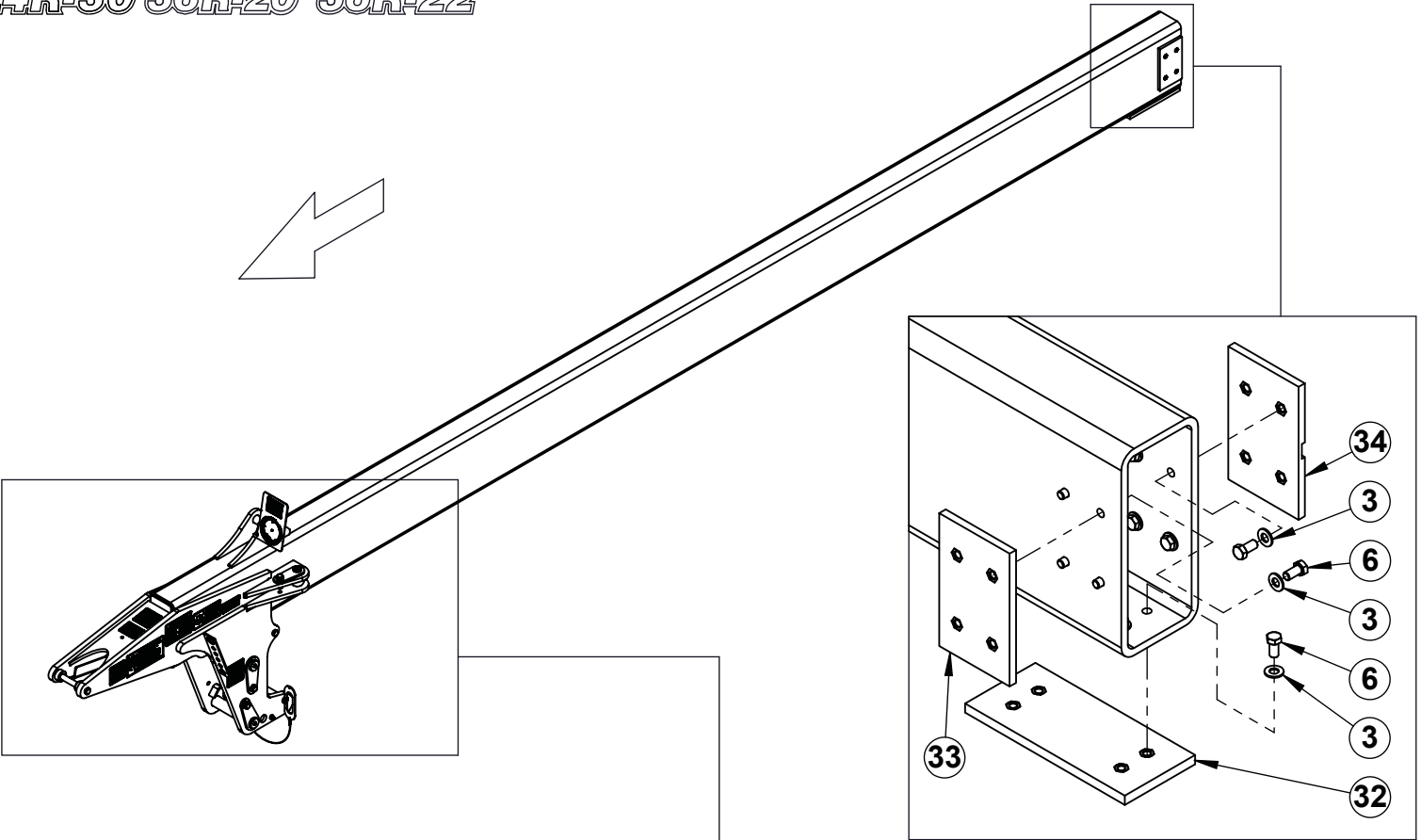
TA01934 – Hose Kit, Hyd Hitch

Hoses:

P/N	Qty	Hose Label	Extras
HS06-022-06FS-06FS45-D	1	C1-Base-022	
HS06-039-06FS-06FS45-D	1	C2-Rod-039	
HS06-090-06FS-08MB-D	1	V1-Plus-090	QDH-8SAE-BLK (+), AD-08MB-08MB, & 8010-15P
HS06-090-06FS-08MB-D	1	V2-Minus-090	QDH-8SAE-BLK (-), AD-08MB-08MB, & 8010-15P
HS08-096-08FS-08MB-D	1	Planter Raise	QDH-8SAE-RED (+), AD-08MB-08MB, & 8010-15P
HS08-096-08FS-08MB-D	1	Planter Lower	QDH-8SAE-RED (-), AD-08MB-08MB, & 8010-15P
HS08-096-08FS-08MB-D	1	Bulk Fill	QDH-8SAE-BLU (+ or -), AD-08MB-08MB, & 8010-15P
HS08-096-08FS-08MB-D	1	RH Wing	QDH-8SAE-GRN (+ or -), AD-08MB-08MB, & 8010-15P
HS08-096-08FS-08MB-D	1	LH Wing	QDH-8SAE-GLD (+ or -), AD-08MB-08MB, & 8010-15P
HS08-102-08FS-08FS-D	1	Case Drain	
HS12-096-12FS-12FS-A	1	Motor Return	

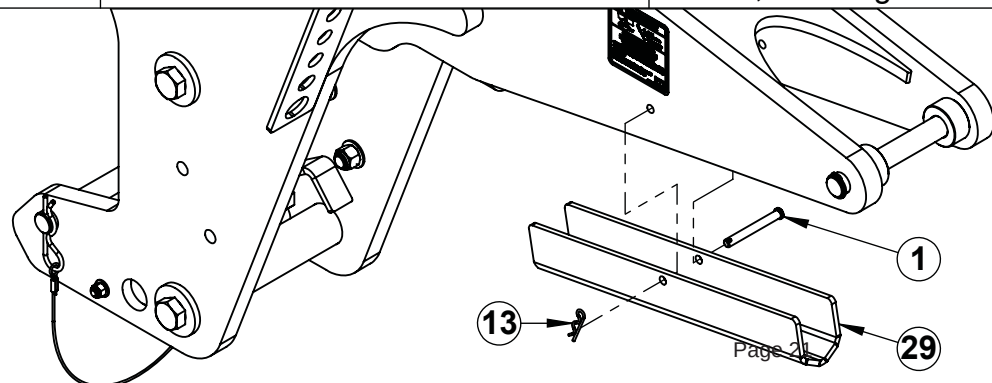
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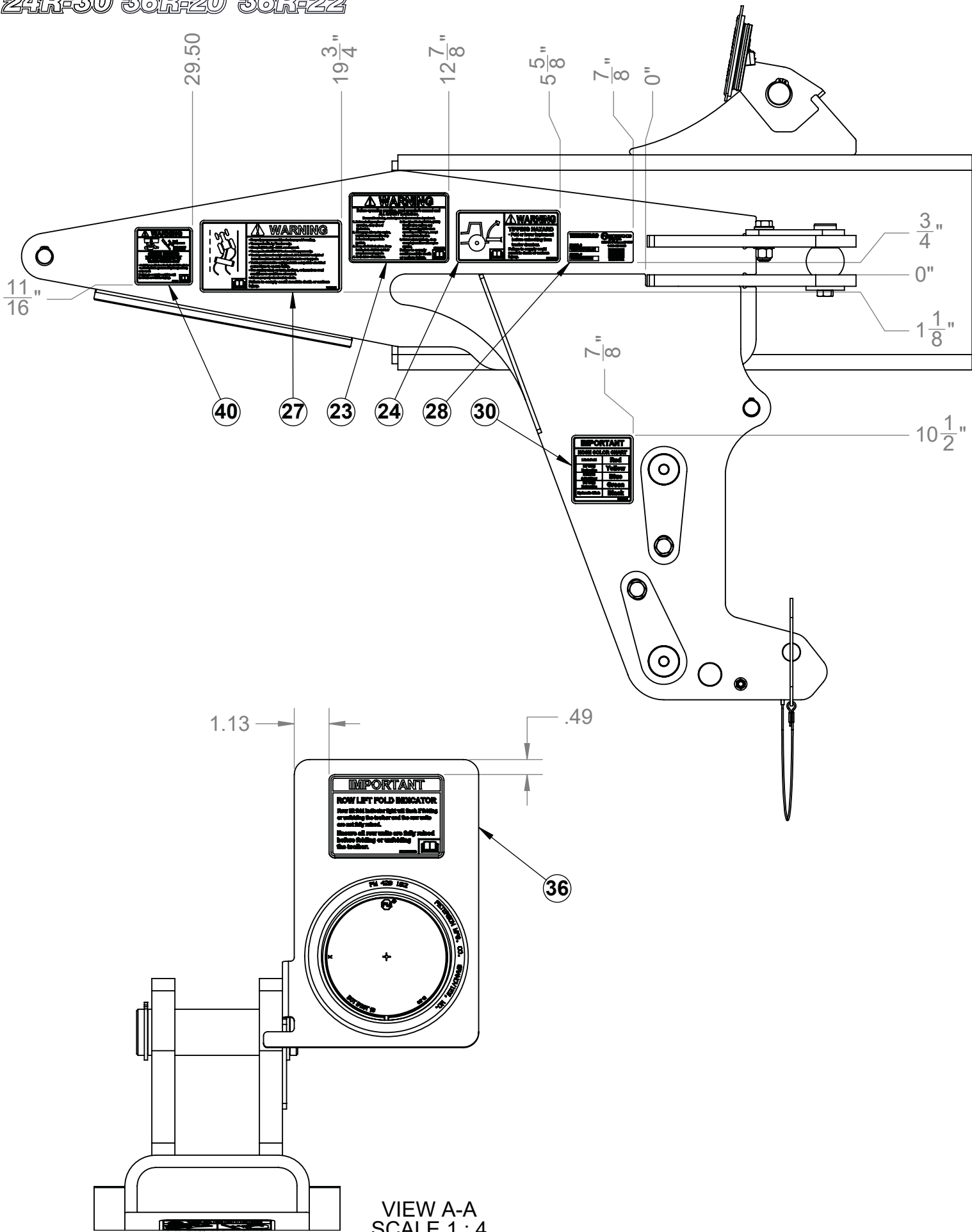
- All hoses rated to 3000 psi working pressure, 250°F working temperature unless otherwise noted.
- Hose length in inches measured to ends of JIC flare nuts, o-ring face of ORFS ends, and centerline of 90° fittings.
- Stamp date of hose manufacture on crimp fitting. Print “Hose Label” descriptor on hose at each end.



TA01791 Assy, Front Hitch

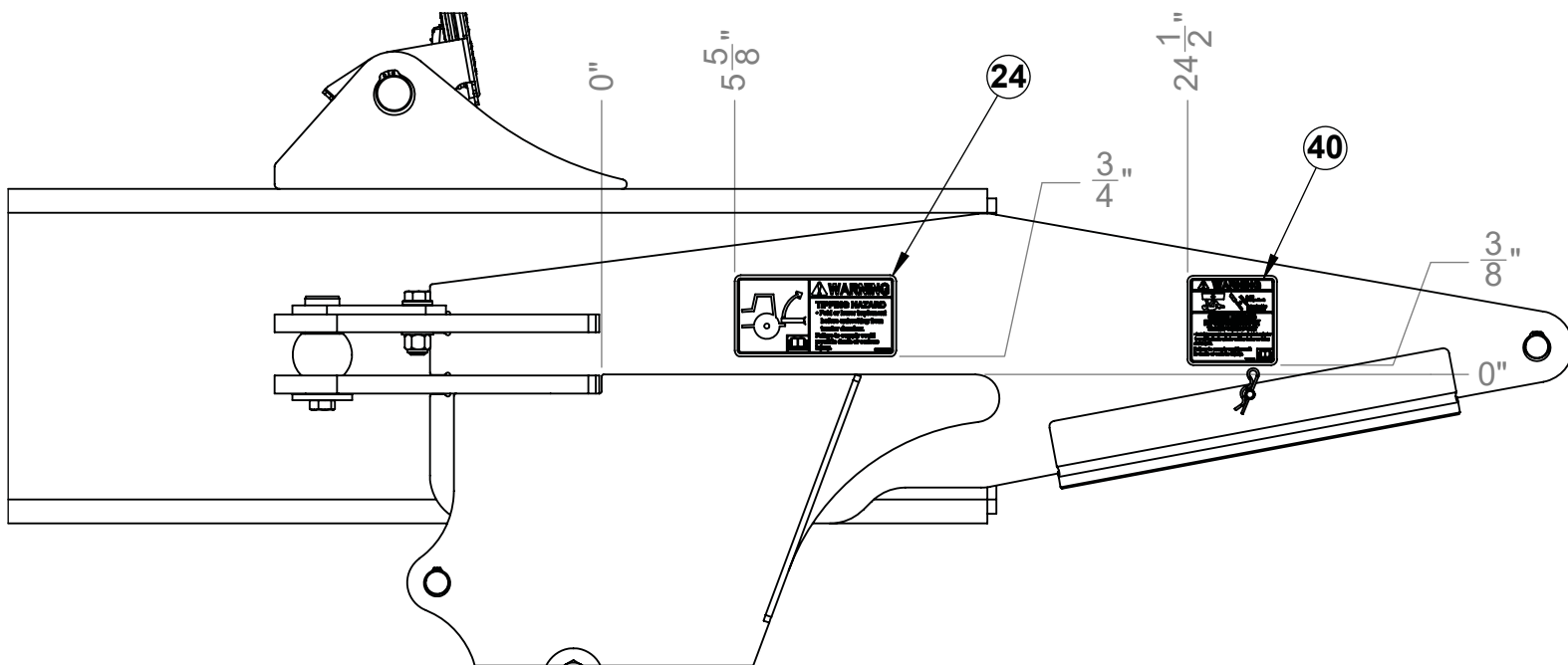
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	CLPIN-0.375X3.25Y	Clevis Pin, Ø3/8" X 3-1/4 YZ	1	
2	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	4	
3	FW-SAE-0.500Y	Washer, Flat SAE - 1/2-YZ	12	
7	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	4	
5	HB-0.375-16X3.00Y8	HBolt-0.3750-16x3.000-YZ8	2	
6	HB-0.500-13X1.00Y8	Bolt, Hex Hd 1/2-13x1 YZ8	12	
7	HB-0.625-11X1.25Y8	Bolt, Hex Head-5/8-11x1.25-YZ8	2	
8	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	2	
9	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	2	
10	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	2	
11	HDWSH-0.64X2.50Y	HD Washer 0.64 x 2.50	2	
12	HDWSH-0.89X2.50Y	HD Washer 0.89 x 2.50	2	
13	HPINCLIP-0.313 YZ	Hair Pin Clip-Ø5/16" YZ	1	
14	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	2	
15	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	4	
16	PIN-1.000X10.63Y	Pin-1.0000x10.625-YZ	1	
17	PIN-1.000X8.625Y	Pin-1.0000x8.6250-YZ	1	
18	PIN-1.50X4.50Y	Pin-1.50x4.50-YZ	1	
19	SRING-EXT-1.00	Ring, Retaining Ext Shaft-1.0"	2	
20	SRING-EXT-HD-1.00Y	SRING-EXT-HD-1.00Y	2	
21	SRING-EXT-HD-1.50Y	SRING-EXT-HD-1.50Y	2	
22	T0050854	Anti Rotation Insert	4	
23	T0051573	Decal, Warning-Machine Safety	1	
24	T0051575	Decal, Warning-Tipping Hazard	2	
25	T0051669	Decal, Warning-Hyd Fluid	1	
26	T0051702	Decal, Important-Case Drain	1	
27	T0053462	Decal, Warning-Machine Transp	1	
28	T0055737	Decal, S/N Yieldtrac (Generic)	1	
29	T0055769	Channel, Transport Lock	1	
30	T0056033	Decal, Important - Hose Color Chart	1	
31	T0056183	Block, Jack Slider	2	
32	TA00800	Slider Assembly	1	
33	TA00801	Assy, Slider	1	
34	TA00843	Assy, Slider	1	
35	TA01514	Assy, Hitch Pin With Lanyard	1	
36	TA02103	Assy, Row Lift Indicator	1	
37	TW000630	Pin Weldment	2	
38	TW000950	Pin Weldment	2	
39	TW001387	Wldmt, Hyd Front Hitch 66'	1	
40	T0056220	Decal, Warning Crush Hazard Hyd Hitch	2	



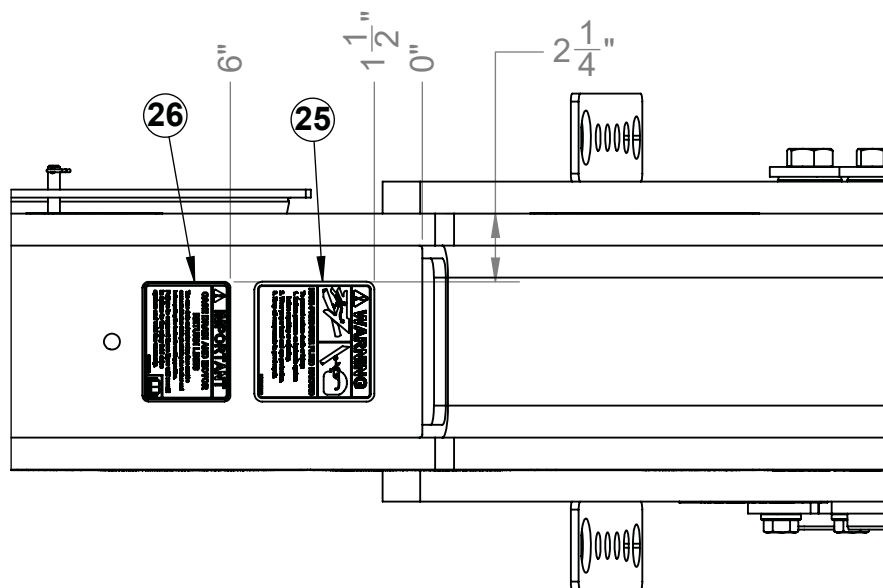


TA01791 Assy, Front Hitch

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
23	T0051573	Decal, Warning-Machine Safety	1	
24	T0051575	Decal, Warning-Tipping Hazard	2	
25	T0051669	Decal, Warning-Hyd Fluid	1	
26	T0051702	Decal, Important-Case Drain	1	
27	T0053462	Decal, Warning-Machine Transp	1	
28	T0055737	Decal, S/N Yieldtrac (Generic)	1	
30	T0056033	Decal, Important - Hose Color Chart	1	
36	TA02103	Assy, Row Lift Indicator	1	
40	T0056220	Decal, Warning Crush Hazard Hyd Hitch	2	



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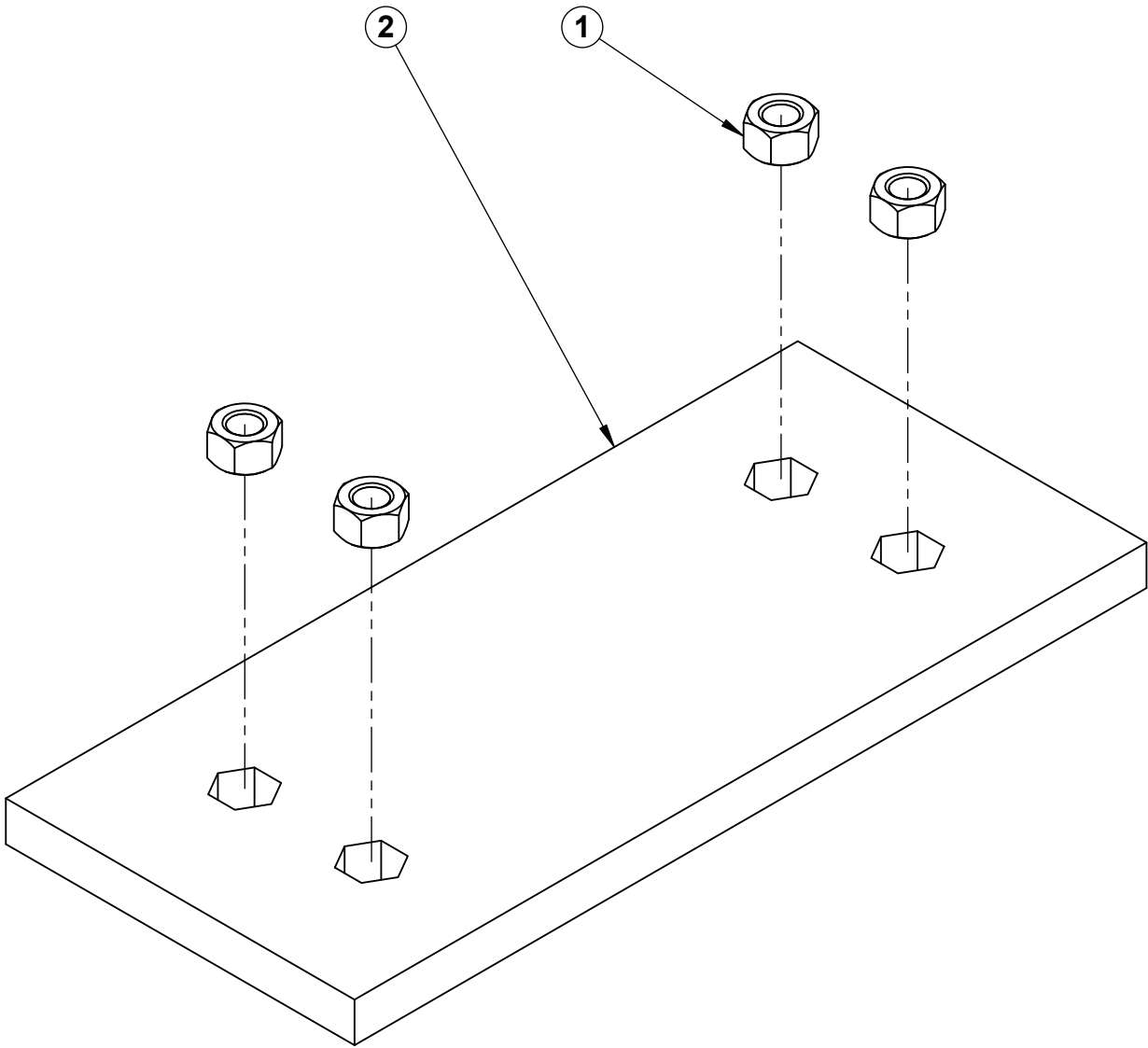


Top View

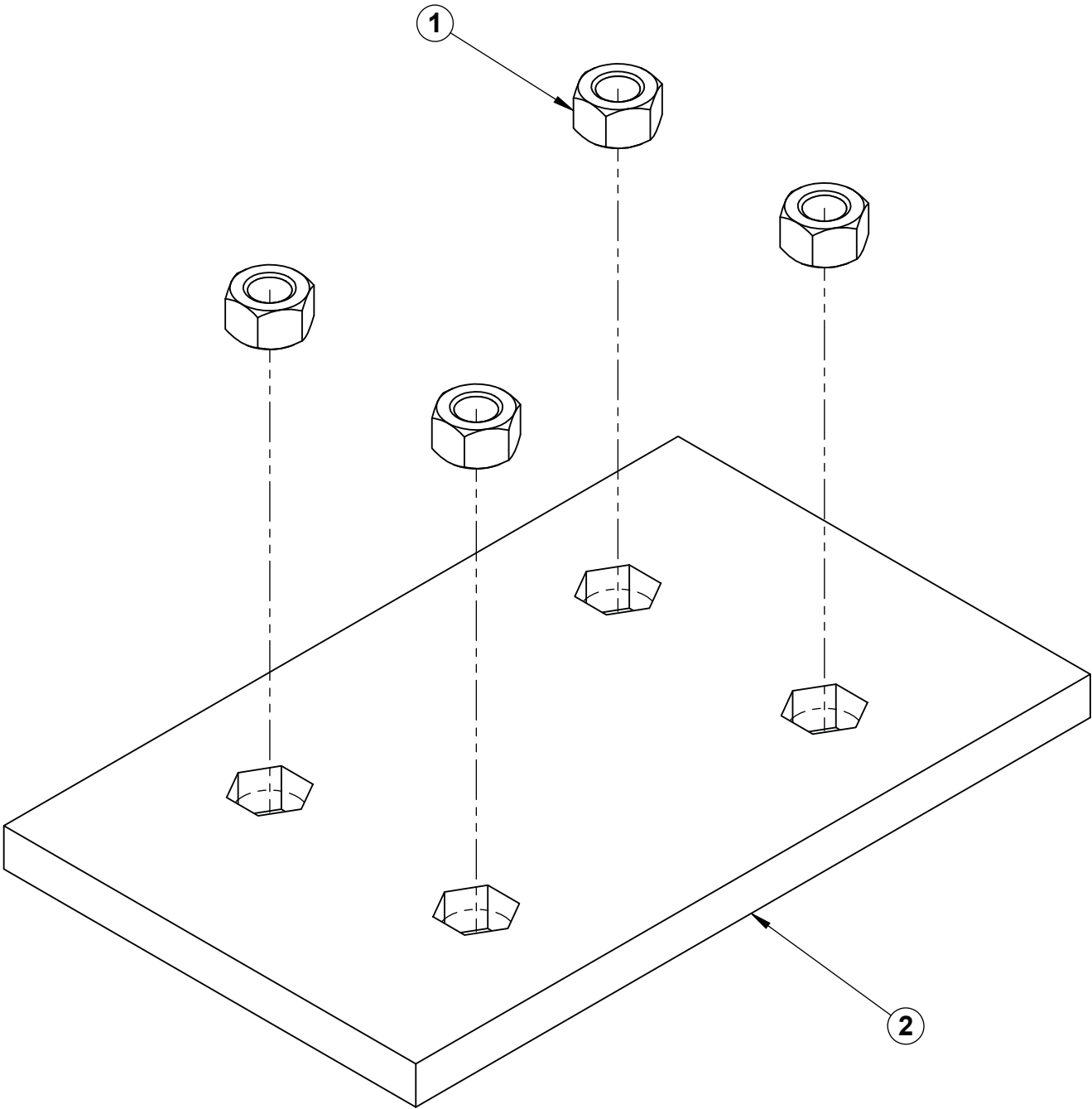


TA01927 Assy, 60/66' 2000 Hydraulic Drawbar Hitch (Sheet 2 of 2)

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	84389953	Sensor, Drain Pressure	1	
2	90-38-00254M	HOSE GRIP, 08 FO X 08 FO BLACK (MINUS)	1	
3	90-38-00254P	HOSE GRIP, 08 FO X 08 FO BLACK (PLUS)	1	
4	90-38-00255M	HOSE GRIP, 08 FO X 08 FO RED (MINUS)	1	
5	90-38-00255P	HOSE GRIP, 08 FO X 08 FO RED (PLUS)	1	
6	90-38-0250	Adapter, Straight, 08 MO x 08 MO	7	
7	90-38-0251	Hose Grip, 08 FO x 08 FO Blue Set (Plus & Minus)	0.5	
8	90-38-0252	Hose Grip, 08 FO x 08 FO Green Set (Plus & Minus)	0.5	
9	90-38-0253	Hose Grip, 08 FO x 08 FO Gold Set (Plus & Minus)	0.5	
10	AD-06FB-08FST	Adapter, 06FB-08FST	1	
11	AD-06MFS-08MB-45	Adapter, 06MFS-08MB 45	3	
13	AD-06MFS-08MB	Adapter, 06MFS-08MB	2	
14	AD-08MFS-08FST-90	Adapter, 08MFS-08FST 90	1	
15	AD-08MFS-08MB	Adapter, 08MFS-08MB	1	
16	AD-08MFS-08MFS-08MFS-BHR	Adapter, 08MFS-08MFS-08MFS BH Run	2	
17	AD-08MFS-08MFS-BH	Adapter, 08MFS-08MFS BH	5	
18	AD-12MFS-12MB	Adapter, 12MFS-12MB	1	
19	AD-12MFS-12MFS-12MFS-BHR	Adapter, 12MFS-12MFS-12MFS BH Run	1	
20	AD-12MFS-12MFS-BH90	Adapter, 12MFS-12MFS BH 90	1	
21	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	2	
23	HB-0.375-16X2.25Y8	Bolt, Hex Hd 3/8-16x2-1/4 YZ8	2	
28	T0051595	Decal, Notice-Fan Motor Case	1	
29	T0051660	Tip, 1/2" Pioneer	7	
30	T0051678	Decal, Notice-Motor Return	1	
31	T0052376	Tip, Motor Return w/Relief	1	
32	T0052377	Tip, Case Drain w/Relief	1	
33	T0052386	Dust Plug, Pioneer Black	7	
34	T0052387	Dust Cap, Motor Return Black	1	
35	T0052388	Dust Cap, Case Drain Black	1	
36	T0055125	Valve, Double Blocking	1	
37	T0055981	AD-06MFS-06FST w/.062 ORF	1	
38	T0055987	Tube Assy, Crossover	1	
39	T0055988	Tube Assy, Crossover	1	

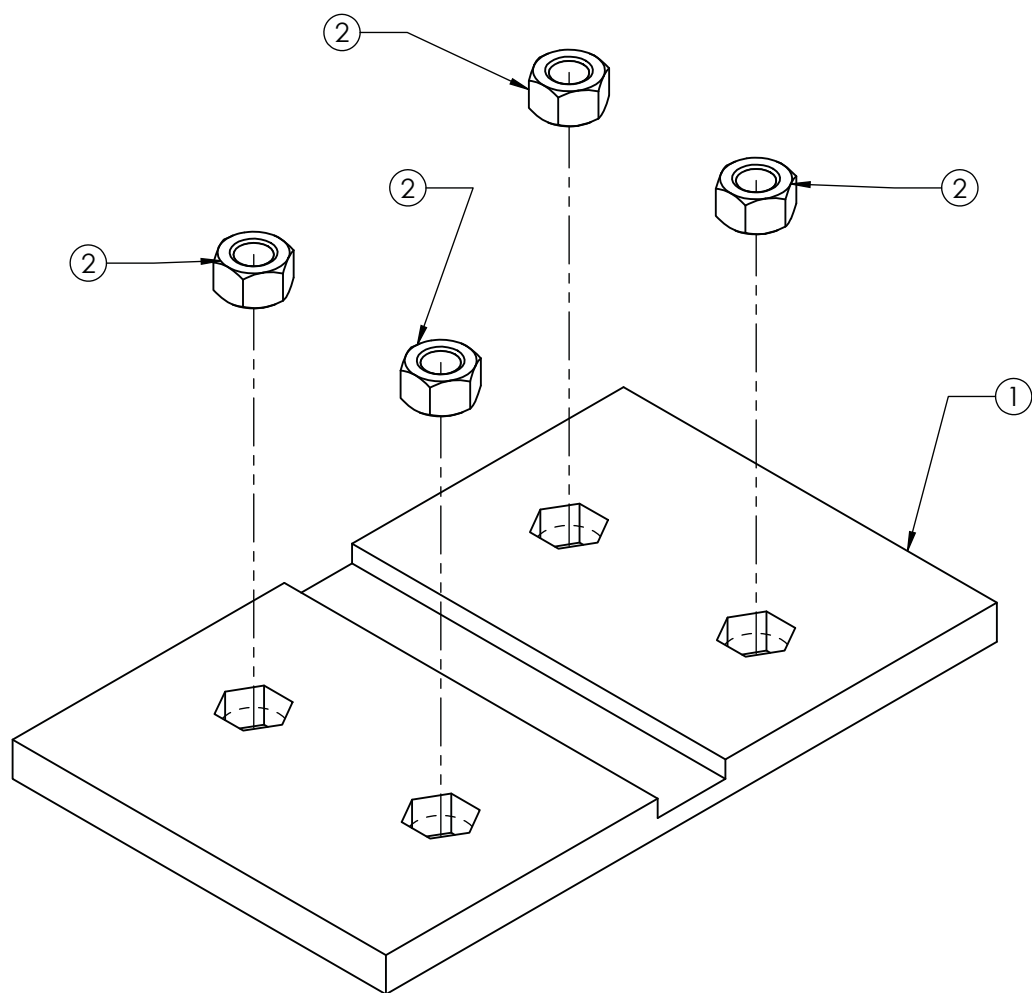


TA00800 Slider Assembly				
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	HNUT-0.500-13Y8	Nut, Hex 1/2-13 YZ8	4	
2	T0052284	Pad, Slider	1	



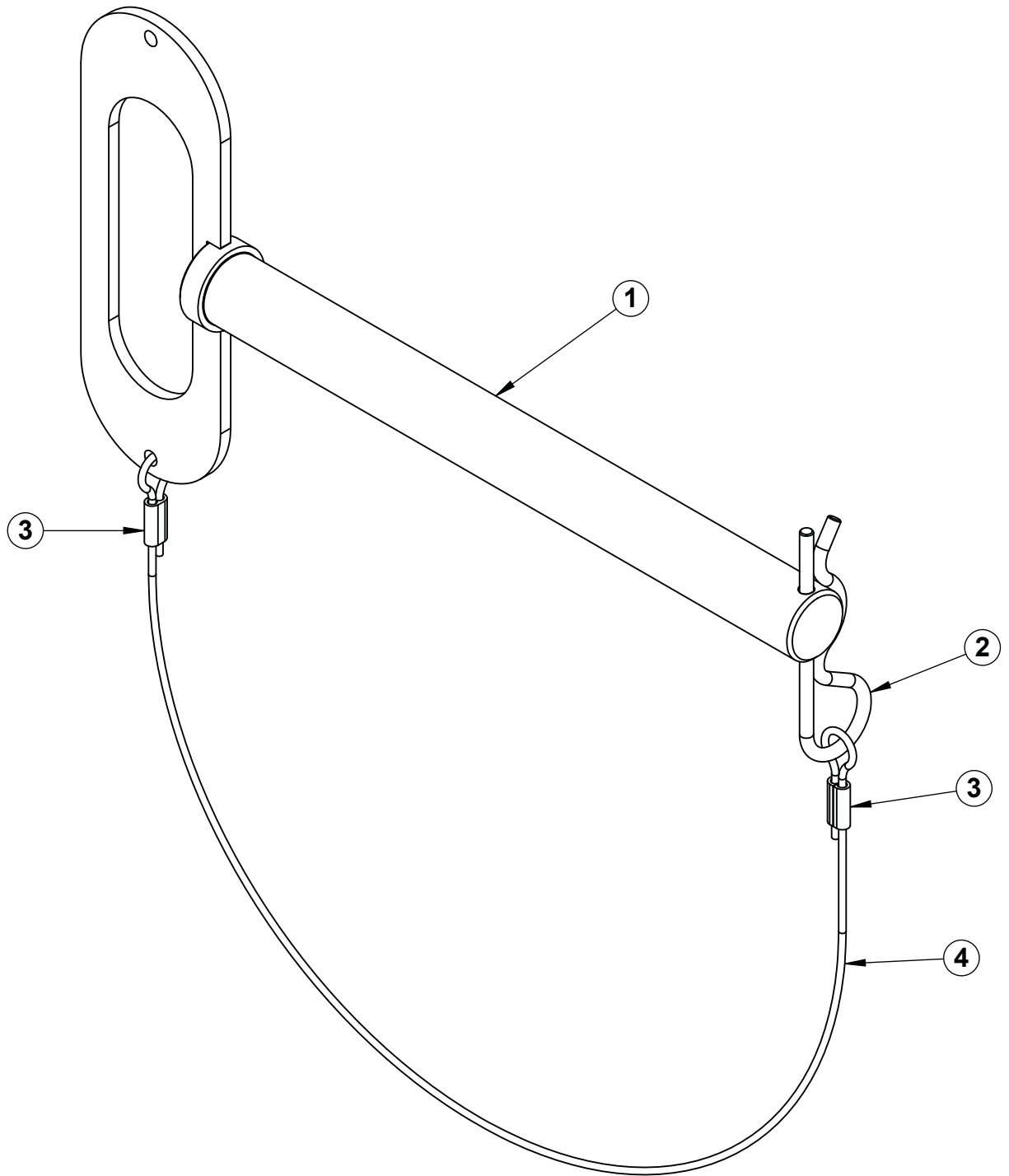
TA00801 Assy, Slider

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



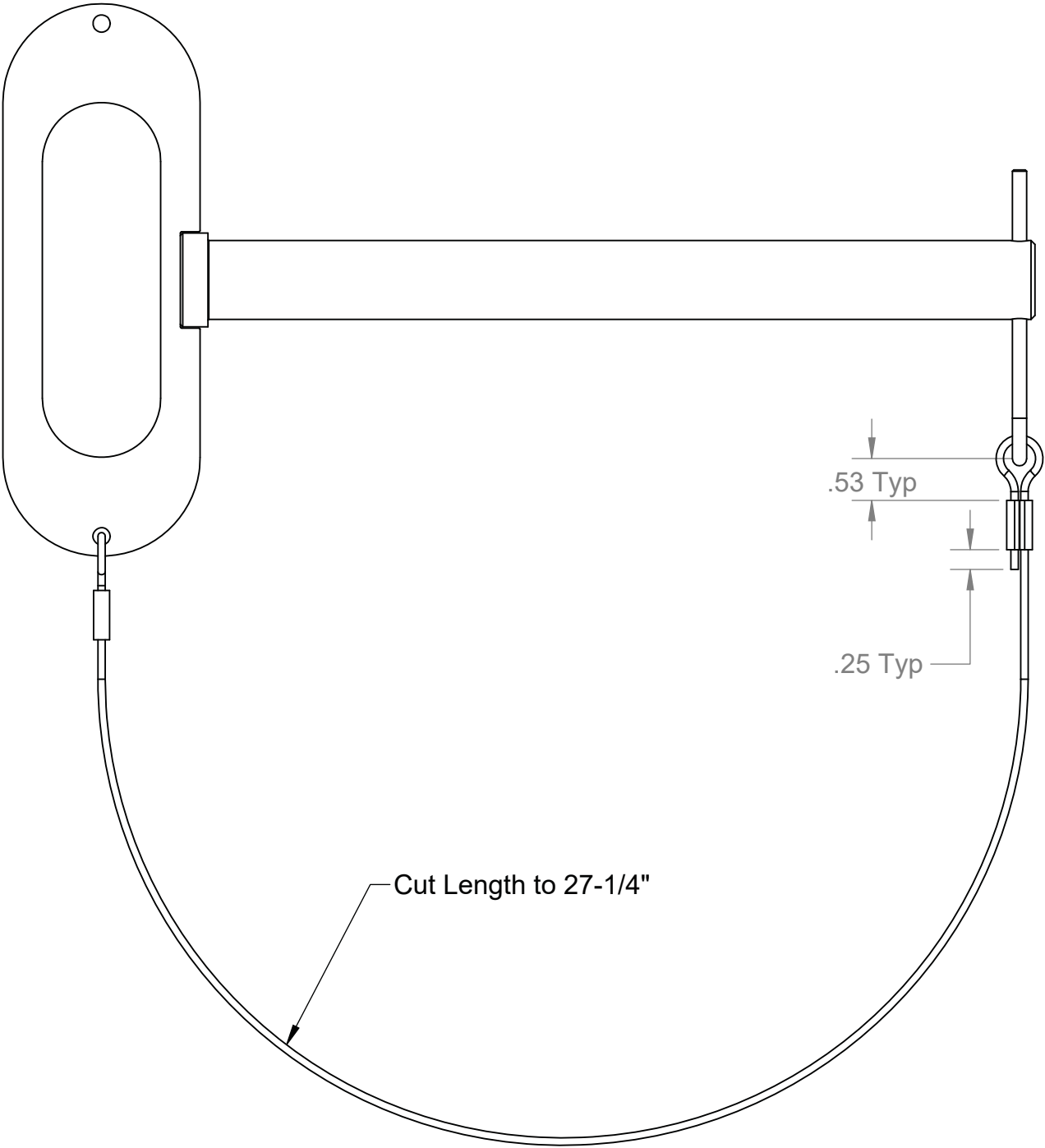
TA00843 Assy, Slider

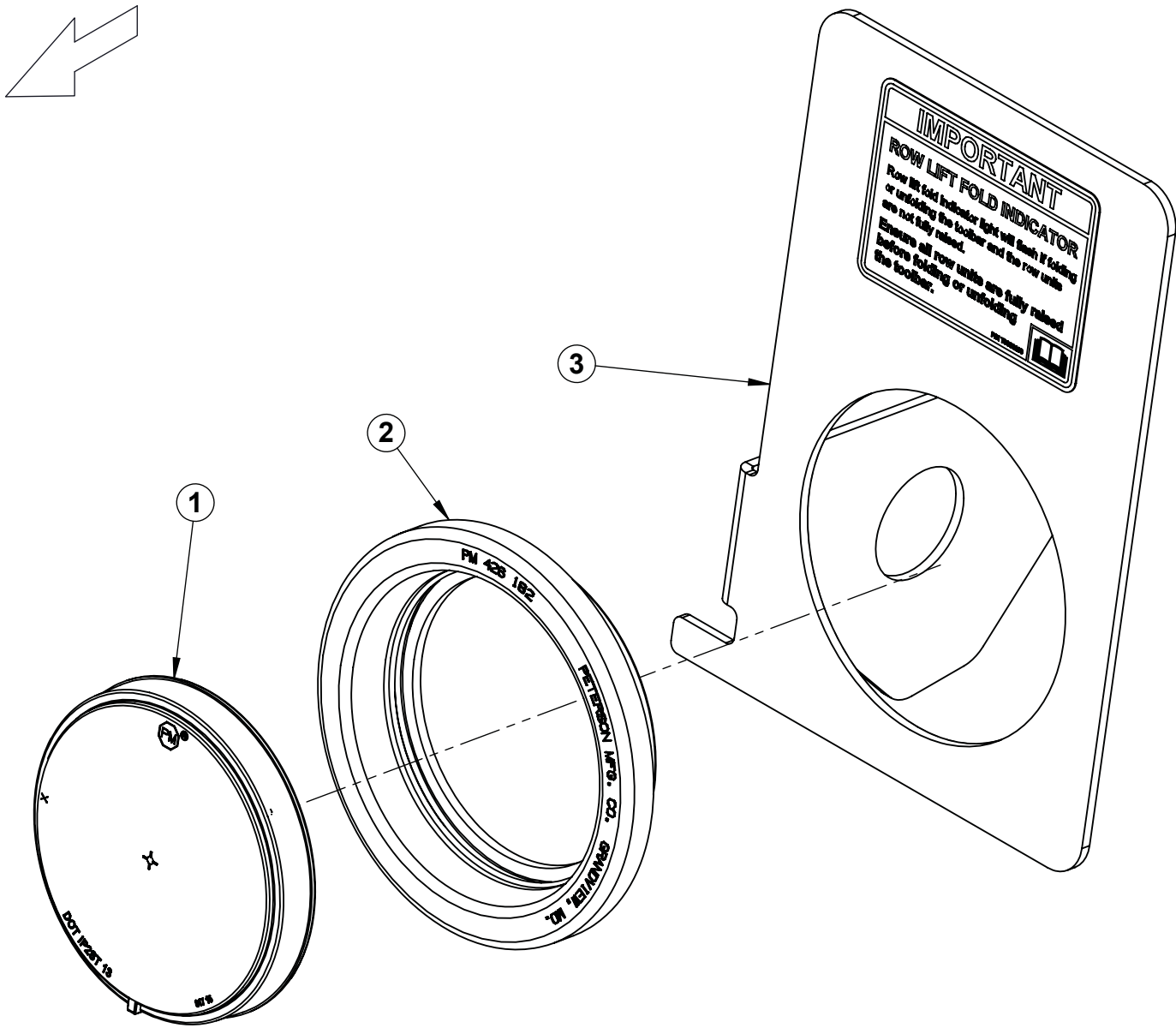
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0052385	Pad, Slider - w/ Dado Cut	1	
2	HNUT-0.500-13Y8	Nut, Hex 1/2-13 YZ8	4	



TA01514 Assy, Hitch Pin With Lanyard

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TW001253	Wldmt, Hitch Pin w Handle	1	
2	HPINCLIP-1.000Y	Hair Pin Clip-Ø1.0000" YZ	1	
3	CBLCRMPBUSH-0.125	CableCrimpBushing-0.1250	2	
4	CBLLYD-0.125X27.25	Lanyard,Acrft Cbl NICtd 1/8x27-1/4	1	



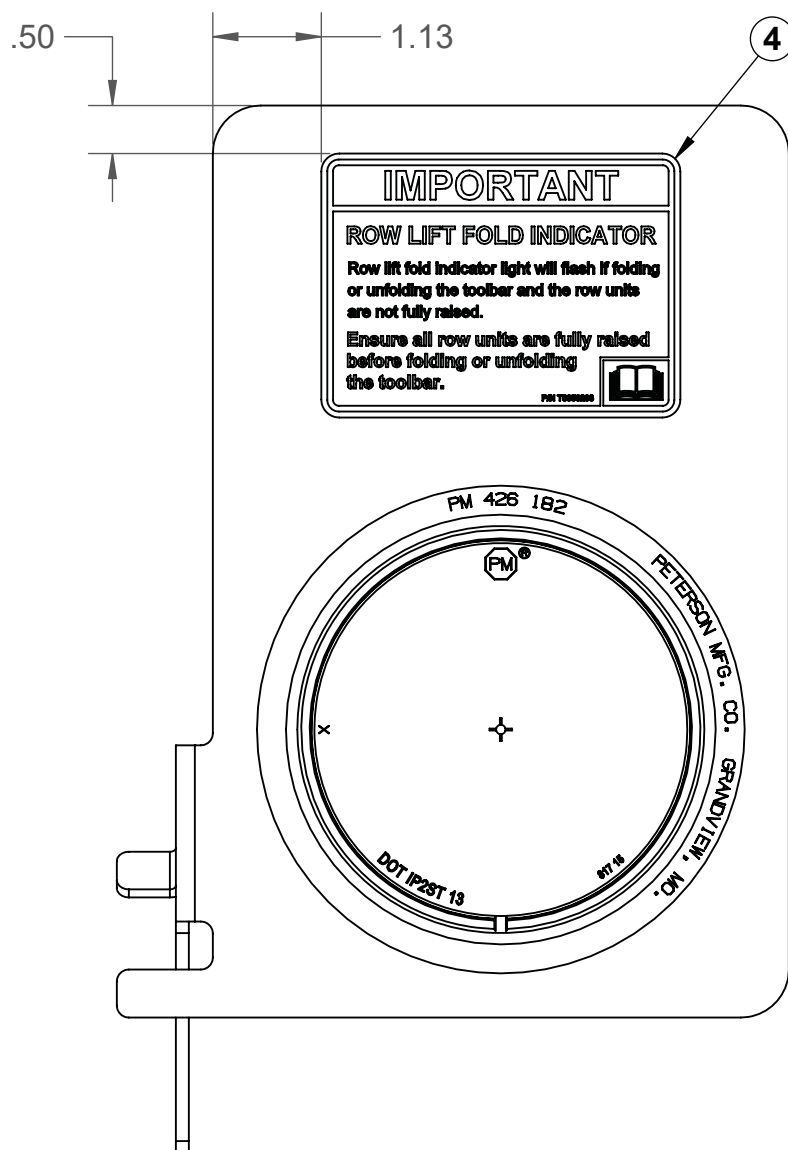


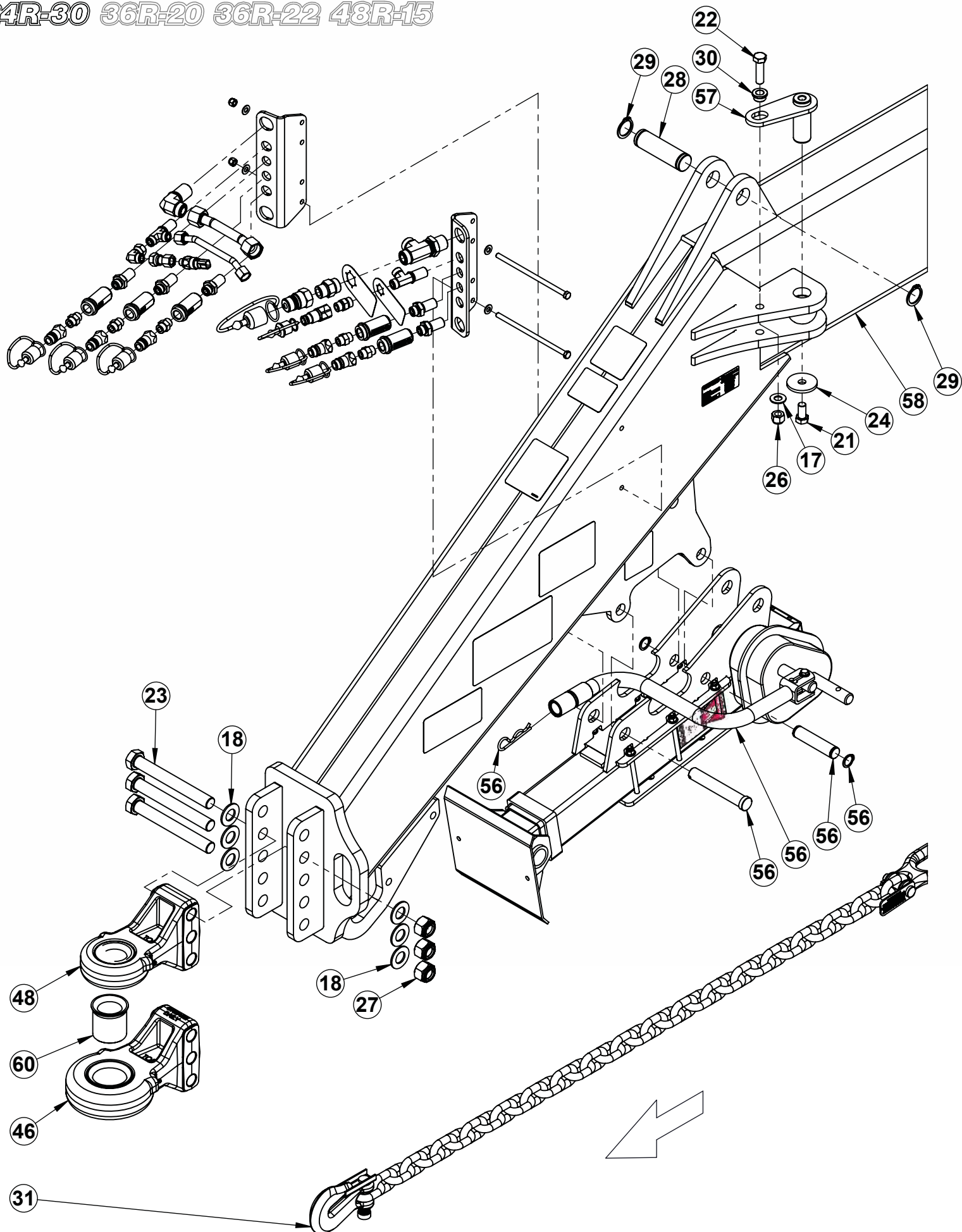
TA02103 Assy, Row Lift Indicator

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0056205	Light, 4" Amber LED Strobe	1	
2	T0056206	Grommet, 4" Light	1	
3	T0056207	Mount, Row Lift Indicator	1	
4	T0056208	Decal, Row Lift Indicator	1	

Note:

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



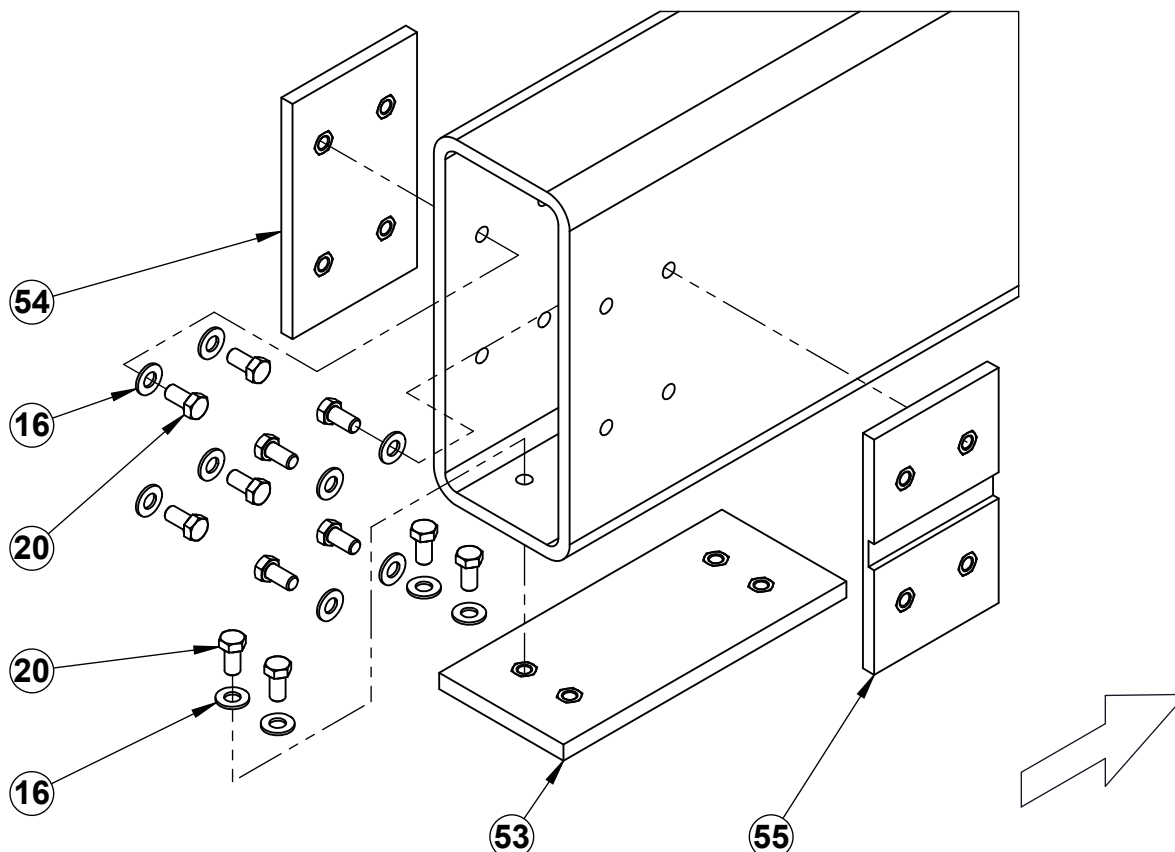


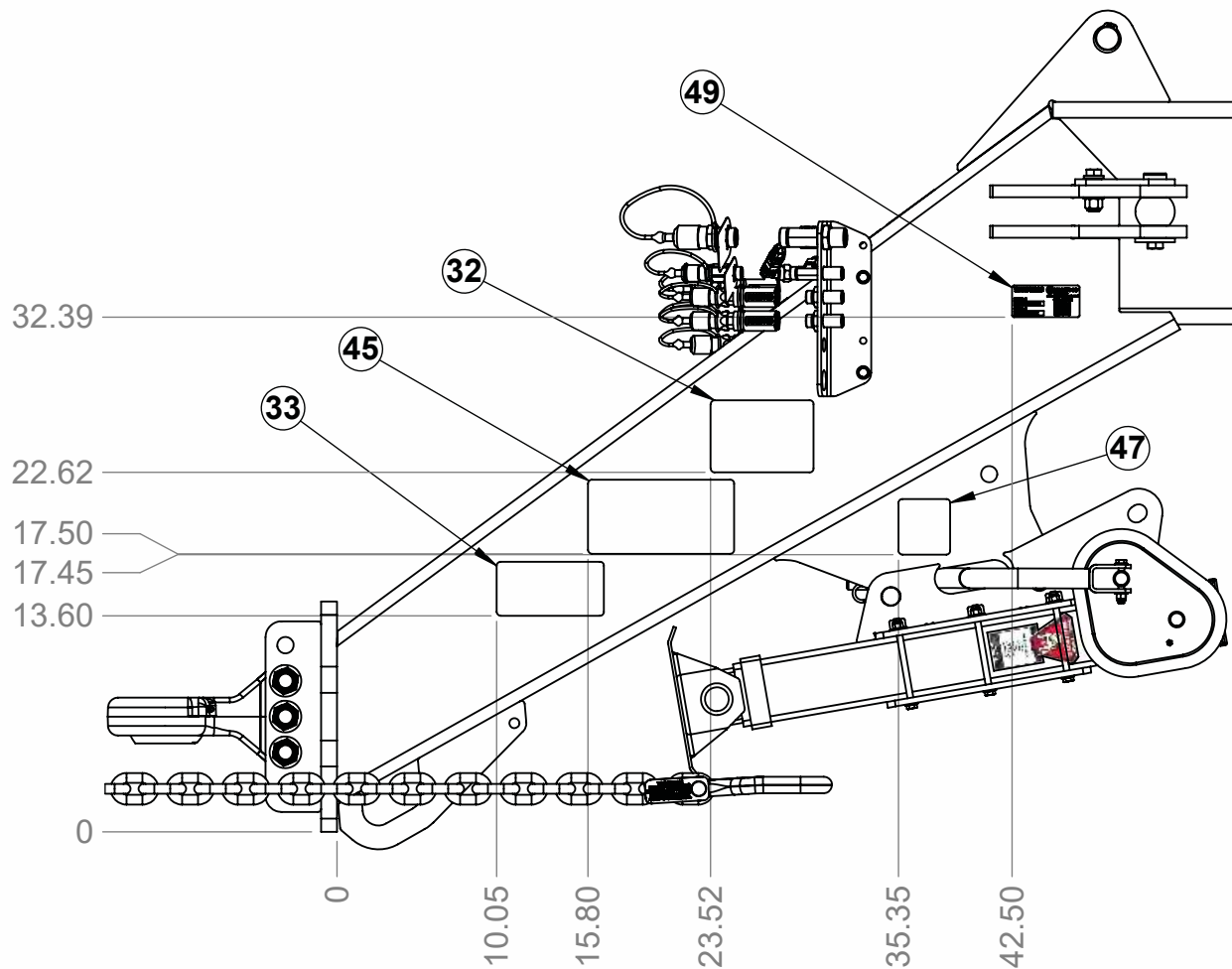
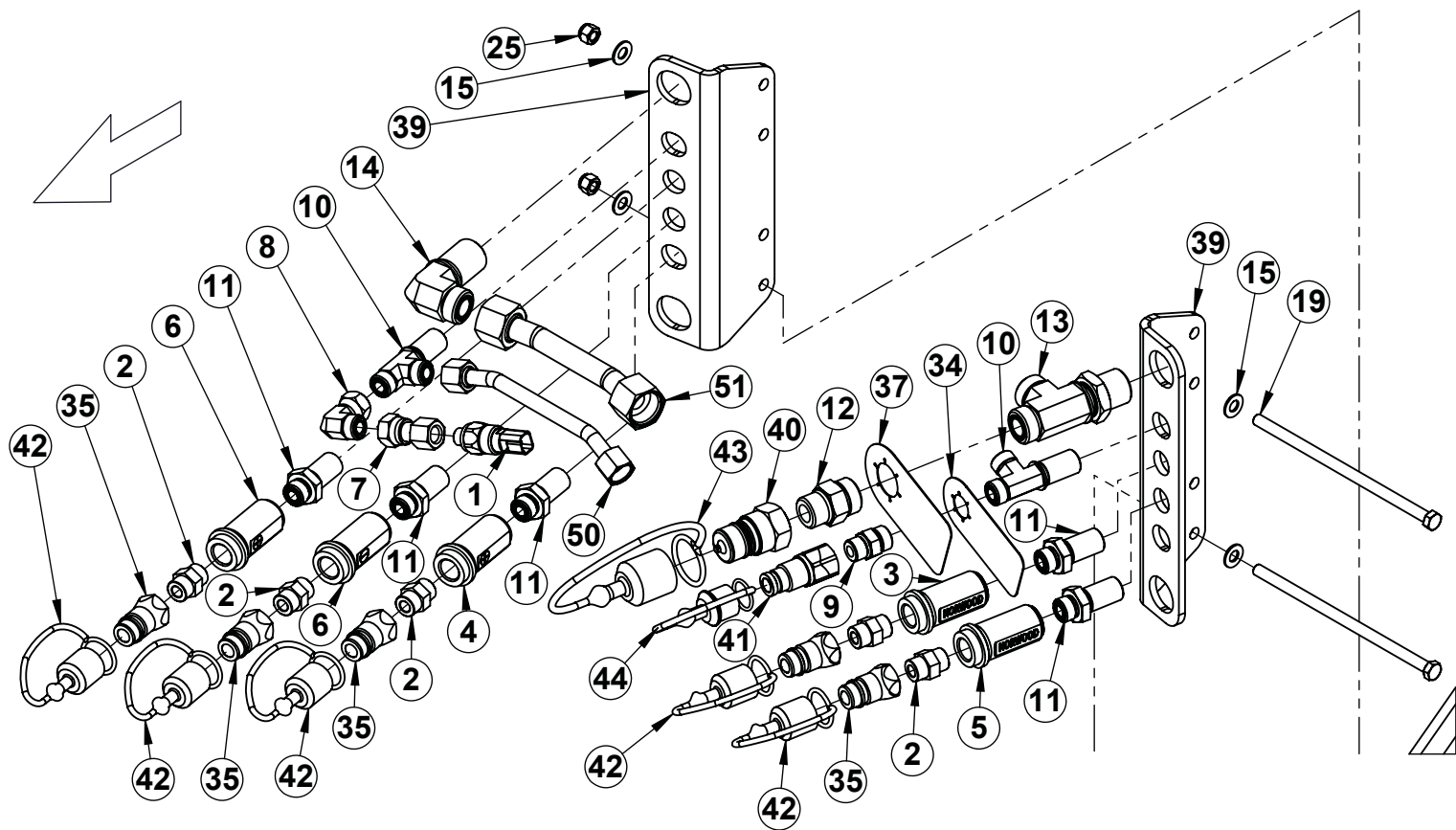
TA01926 Assy, 60/66' Drawbar Front Hitch

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
16	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	12	
17	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	2	
18	FW-SAE-1.000Y	Washer, Flat SAE 1 YZ	6	
20	HB-0.500-13X1.00Y8	Bolt, Hex Hd 1/2-13x1 YZ8	12	
21	HB-0.625-11X1.25Y8	Bolt, Hex Hd 5/8-11x1-1/4 YZ8	2	
22	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	2	
23	HB-1.000-8X8.50Y8	Bolt, Hex Hd 1-8x8-1/2 YZ8	3	
24	HDWSH-0.64X2.50Y	HD Washer, 41/64x2-1/2 YZ	2	
26	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	2	
27	NLNUT-1.000-8Y8	Nylon Lock Nut, 1-8 YZ8	3	
28	PIN-1.50X4.50Y	Pin, 1-1/2x4-1/2 YZ	1	
29	SRING-EXT-HD-1.50Y	Retaining Ring, External 1-1/2 HD YZ	2	
30	T0050854	Anti Rotation Insert	2	
31	T0051511	Safety Chain-61,000 lbs. 80"	1	
46	T0053463	CAT 5 Ball Hitch Assy	1	
48	T0055173	Hitch. CAT 4 3-Hole	1	
53	TA00800	Slider Assembly	1	
54	TA00801	Assy, Slider	1	
55	TA00843	Assy, Slider	1	
56	TA01000	Jack Assembly	1	
57	TW000630	Pin Weldment	2	
58	TW001088	Wldmt, 36R22 Front Hitch	1	
59	TA02128	Hose Kit, Drawbar Hitch	1	
60	T0053965	Bushing, Cat 5 2.00" Pin	1	

Note:

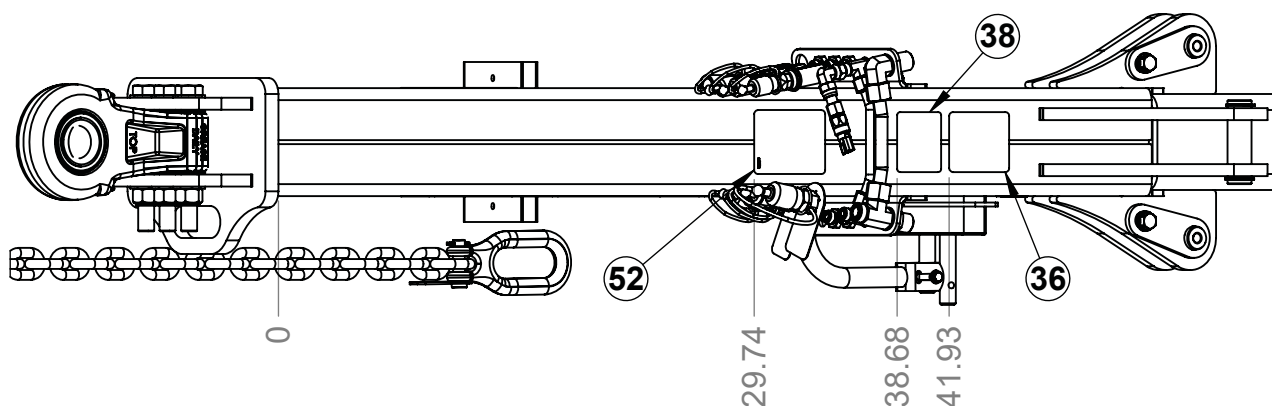
* Items marked with an asterisk are items that are included in that particular part of assembly.





TA01926 Assy, 60/66' Drawbar Front Hitch

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	84389953	Sensor, Drain Pressure	1	
2	90-38-0250	Adapter, Straight, 08 MO x 08 MO	5	
3	90-38-0251	Hose Grip, 08 FO x 08 FO Blue Set (Plus & Minus)	0.5	
4	90-38-0252	Hose Grip, 08 FO x 08 FO Green Set (Plus & Minus)	0.5	
5	90-38-0253	Hose Grip, 08 FO x 08 FO Gold Set (Plus & Minus)	0.5	
6	90-38-0255	Hose Grip, 08 FO x 08 FO Red Set (Plus & Minus)	1	
7	AD-06FB-08FST	Adapter, 06FB-08FST	1	
8	AD-08MFS-08FST-90	Adapter, 08MFS-08FST 90	1	
9	AD-08MFS-08MB	Adapter, 08MFS-08MB	1	
10	AD-08MFS-08MFS-08MFS-BHR	Adapter, 08MFS-08MFS-08MFS BH Run	2	
11	AD-08MFS-08MFS-BH	Adapter, 08MFS-08MFS BH	5	
12	AD-12MFS-12MB	Adapter, 12MFS-12MB	1	
13	AD-12MFS-12MFS-12MFS-BHR	Adapter, 12MFS-12MFS-12MFS BH Run	1	
14	AD-12MFS-12MFS-BH90	Adapter, 12MFS-12MFS BH 90	1	
15	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	4	
19	HB-0.375-16X8.00Y8	Bolt, Hex Head-3/8-16x8.0-YZ8	2	
25	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	2	
32	T0051573	Decal, Warning-Machine Safety	1	
33	T0051575	Decal, Warning-Tipping Hazard	2	
34	T0051595	Decal, Notice-Fan Motor Case	1	
35	T0051660	Tip, 1/2" Pioneer	5	
36	T0051669	Decal, Warning-Hyd Fluid	1	
37	T0051678	Decal, Notice-Motor Return	1	
38	T0051702	Decal, Important-Case Drain	1	
39	T0052002	Plate, Bulkhead	2	
40	T0052376	Tip, Motor Return w/Relief	1	
41	T0052377	Tip, Case Drain w/Relief	1	
42	T0052386	Dust Plug, Pioneer Black	5	
43	T0052387	Dust Cap, Motor Return Black	1	
44	T0052388	Dust Cap, Case Drain Black	1	
45	T0053462	Decal, Warning-Machine Transp	1	
47	T0053639	Decal, 2-Speed Jack	1	
49	T0055737	Decal, S/N Yieldtrac (Generic)	1	
50	T0055984	Tube Assy, Crossover	1	
51	T0055985	Tube Assy, Crossover	1	
52	T0056033	Decal, Important - Hose Color Chart	1	
59	TA02128	Hose Kit, Drawbar Hitch	1	



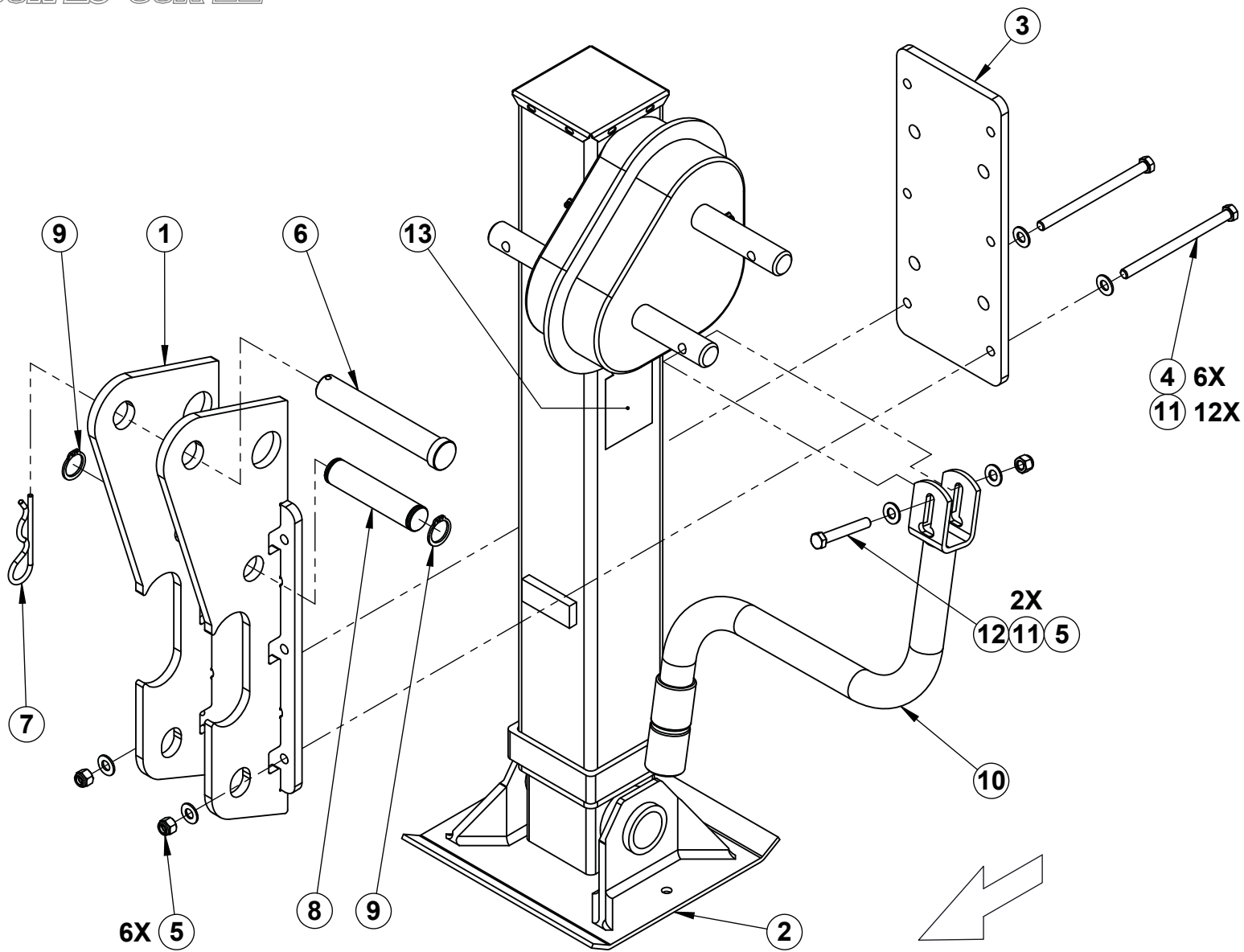
TA02128 – Hose Kit, Drawbar Hitch

Hoses:

P/N	Qty	Hose Label	Extras
HS08-096-08FS-08MB-D	1	Planter Raise	QDH-8SAE-RED (+), AD-08MB-08MB, & 8010-15P
HS08-096-08FS-08MB-D	1	Planter Lower	QDH-8SAE-RED (-), AD-08MB-08MB, & 8010-15P
HS08-096-08FS-08MB-D	1	Bulk Fill	QDH-8SAE-BLU (+ or -), AD-08MB-08MB, & 8010-15P
HS08-096-08FS-08MB-D	1	RH Wing	QDH-8SAE-GRN (+ or -), AD-08MB-08MB, & 8010-15P
HS08-096-08FS-08MB-D	1	LH Wing	QDH-8SAE-GLD (+ or -), AD-08MB-08MB, & 8010-15P
HS08-102-08FS-08FS-D	1	Case Drain	
HS12-096-12FS-12FS-A	1	Motor Return	

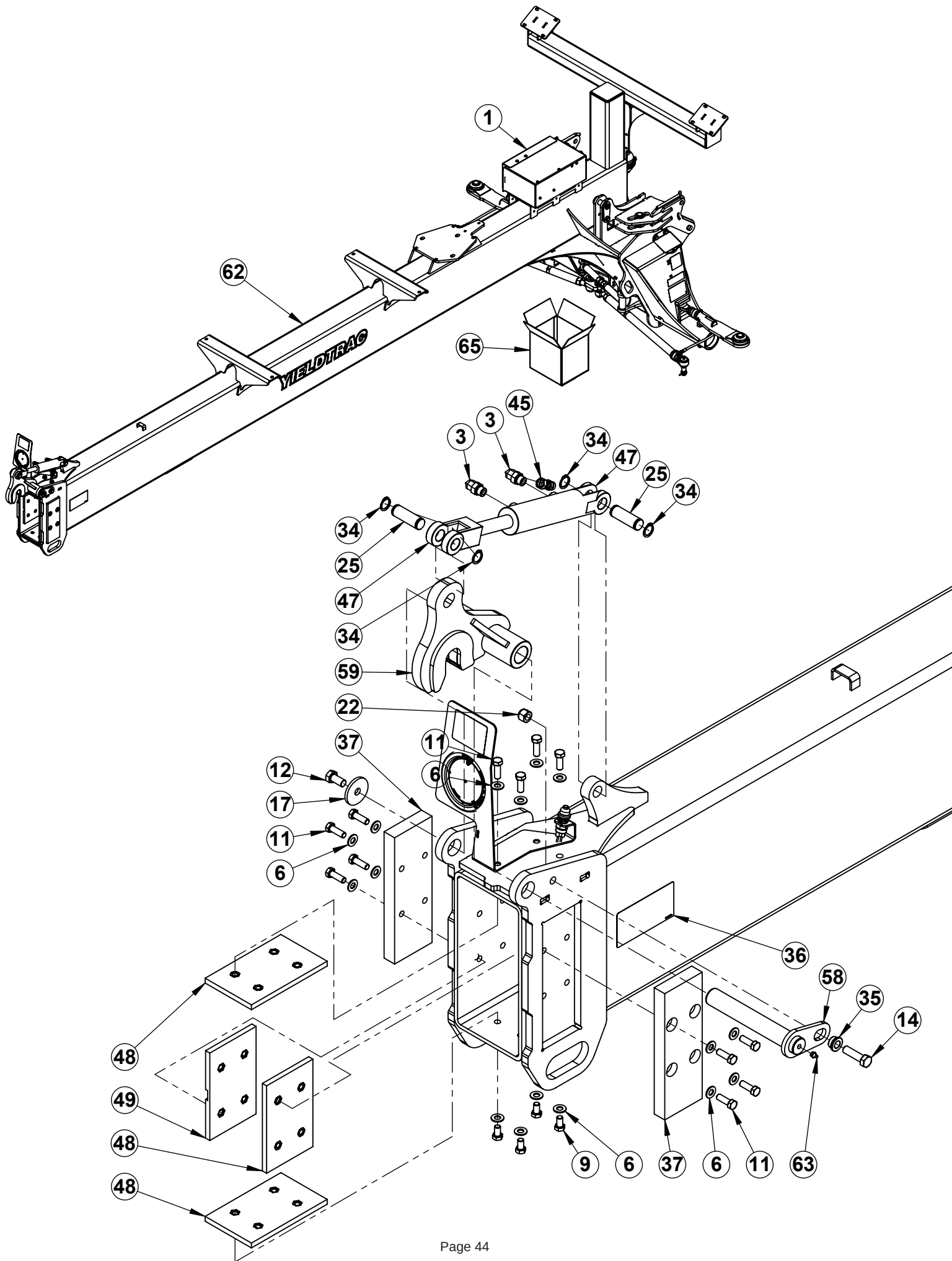
Notes:

- All hoses rated to 3000 psi working pressure, 250°F working temperature unless otherwise noted.
- Hose length in inches measured to ends of JIC flare nuts, o-ring face of ORFS ends, and centerline of 90° fittings.
- Stamp date of hose manufacture on crimp fitting. Print “Hose Label” descriptor on hose at each end.



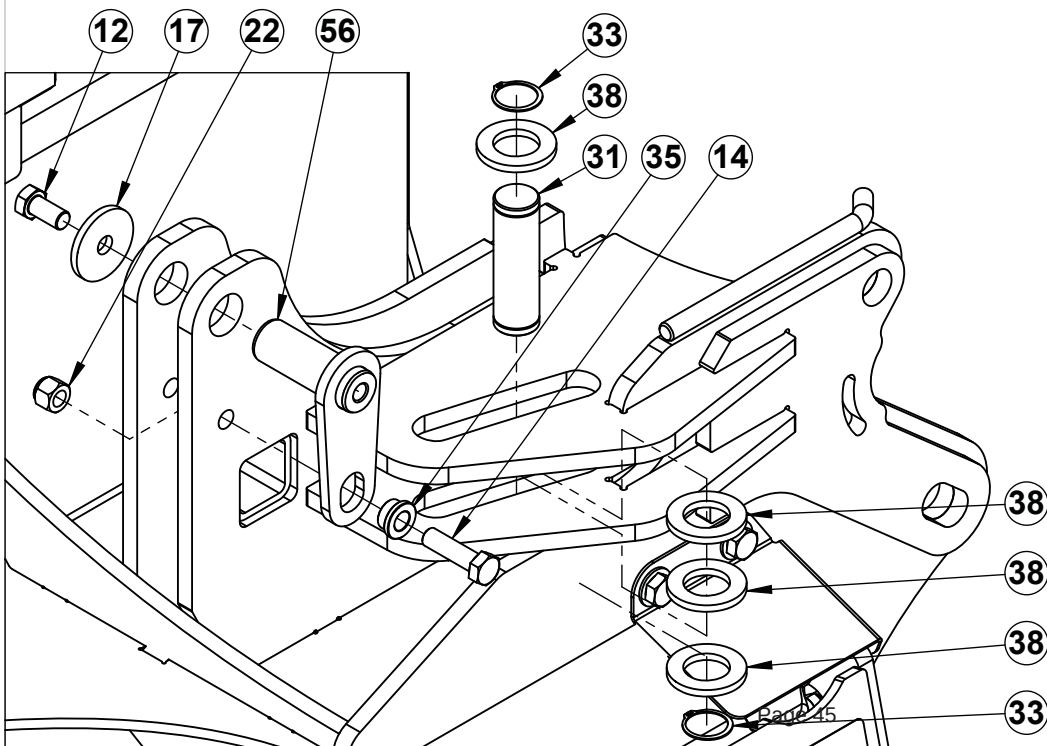
TA01000 Jack Assembly

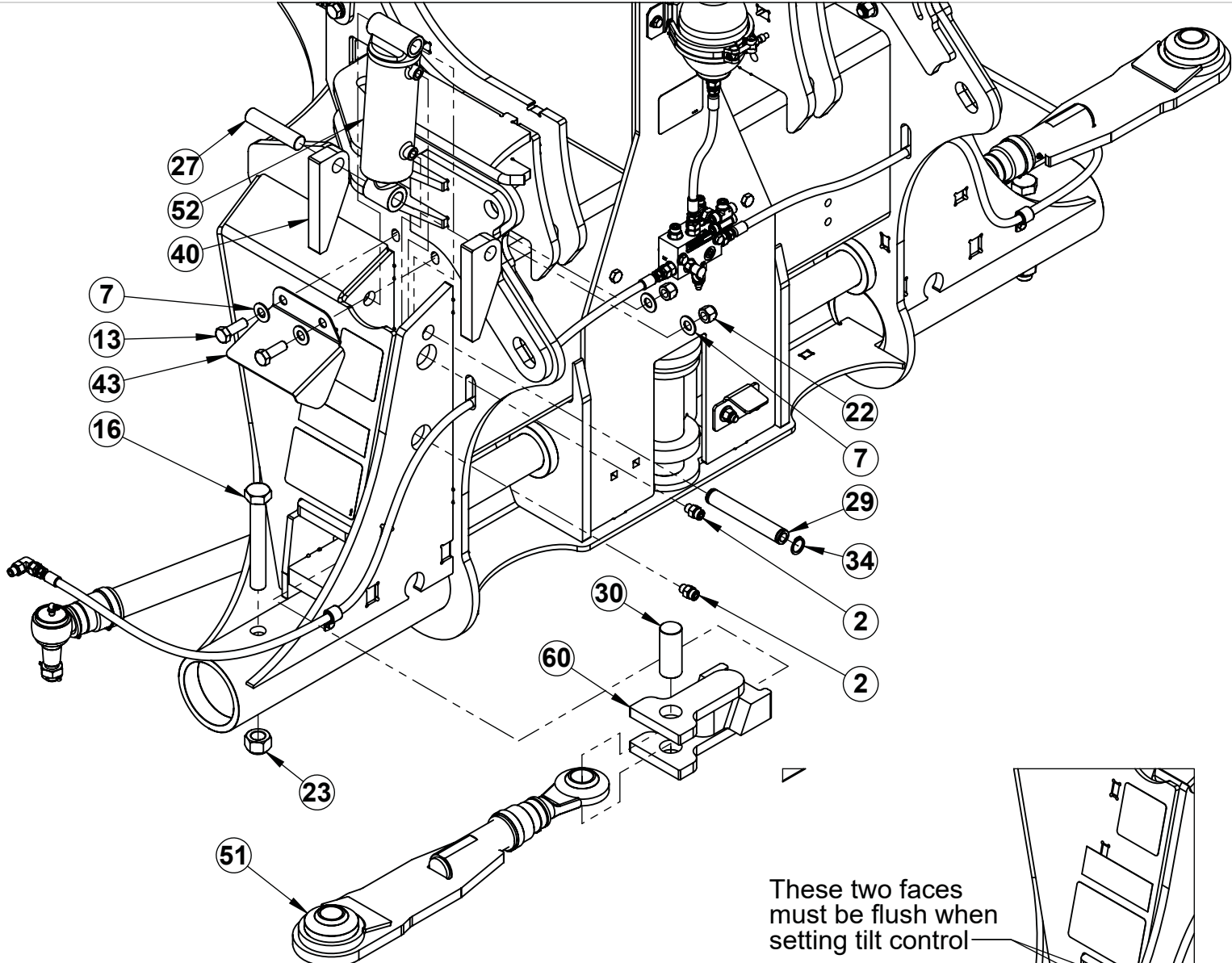
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW000935	Bracket, Jack Mount	1	
2	TW000940	Jack Weldment	1	
3	T0053314	Plate, Jack Mount	1	
4	HB-0.375-16X5.50Y8	HBolt-0.3750-16x5.500-YZ8	6	
5	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	7	
6	CLPIN-1.000X6.00Y	Clevis Pin, Ø1" X 6" YZ	1	
7	HPINCLIP-1.000Y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



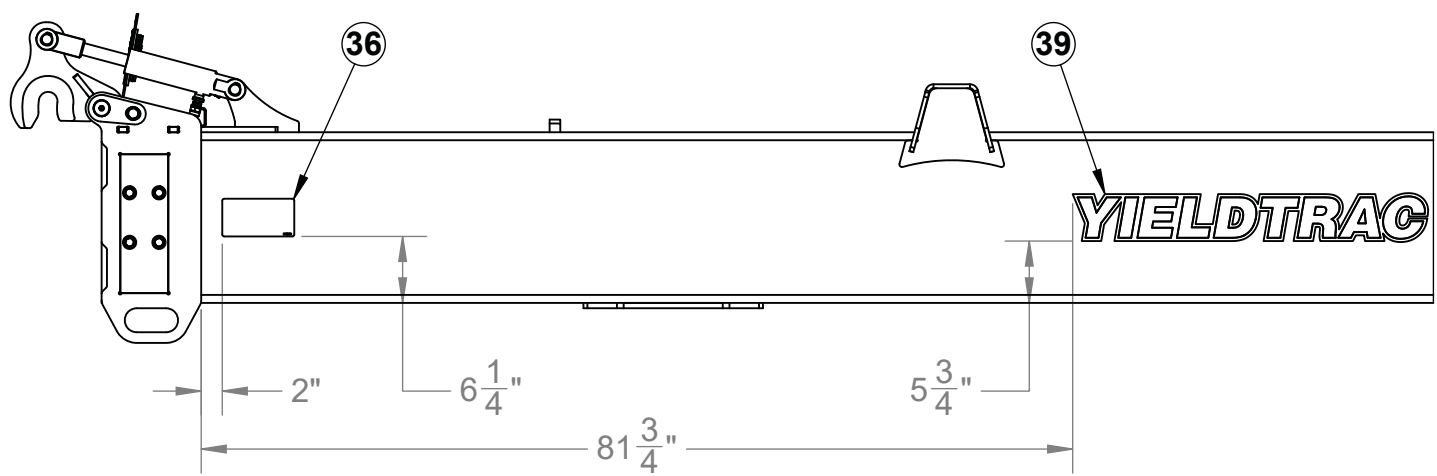
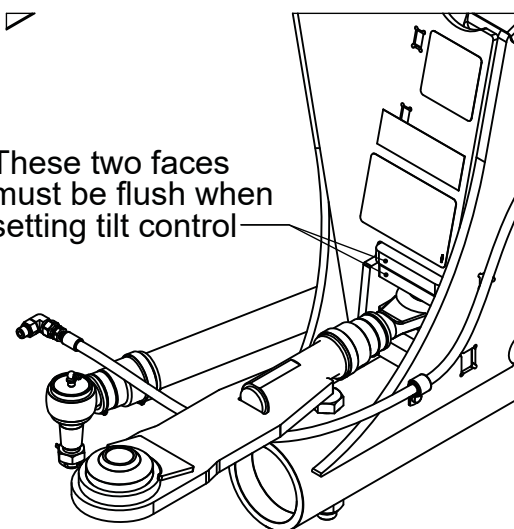
TA01880 Assy, 60/66' Main Frame (88")

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	48103378	KIT, UCM ASSEMBLY	1	
3	AD-06MFS-08MB-90	Adapter, 06MFS-08MB 90	2	
6	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	18	
9	HB-0.500-13X0.88Y8	Bolt, Hex Hd 1/2-13x7/8 YZ8	4	
10	HB-0.500-13X1.38Y8	Bolt, Hex Hd 1/2-13x1-3/8 YZ8	2	
11	HB-0.500-13X1.50Y8	Bolt, Hex Hd 1/2-13x1-1/2 YZ8	10	
12	HB-0.625-11X1.25Y8	Bolt, Hex Hd 5/8-11x1-1/4 YZ8	3	
14	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	5	
17	HDWSH-0.64X2.50Y	HD Washer, 41/64x2-1/2 YZ	3	
22	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	11	
25	PIN-1.000X2.63Y	Pin, 1x2-5/8 YZ	2	
31	PIN-1.438X4.25Y	Pin, 1-7/16x4-1/4 YZ	2	
33	SRING-EXT-1.44	Retaining Ring, External 1-7/16	4	
34	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	10	
35	T0050854	Anti Rotation Insert	6	
36	T0051588	Decal, Warning - Crush Hazard	2	
37	T0052579	Slider Block	2	
38	T0052610	Washer, Control Link	8	
45	T0055981	AD-06MFS-06FST w/.062 ORF	1	
47	TA00632	Cylinder, Hyd 2.00X4.00	1	
48	TA00801	Assy, Slider	3	
49	TA00843	Assy, Slider	1	
56	TW000630	Pin Weldment	2	
58	TW001050	Pin Weldment	1	
59	TW001150	Wldmt, Hitch Latch	1	
62	TW001427	Wldmt, 60/66' Main Frame (88")	1	
63	ZERK-0.125-27-NPT	Zerk, 1/8-27 NPT	1	
64	TA02174	Assy, Hitch Latch Indicator	1	
65	TA02196	Hose Kit, 60/66' Track Carrier (2000)	1	



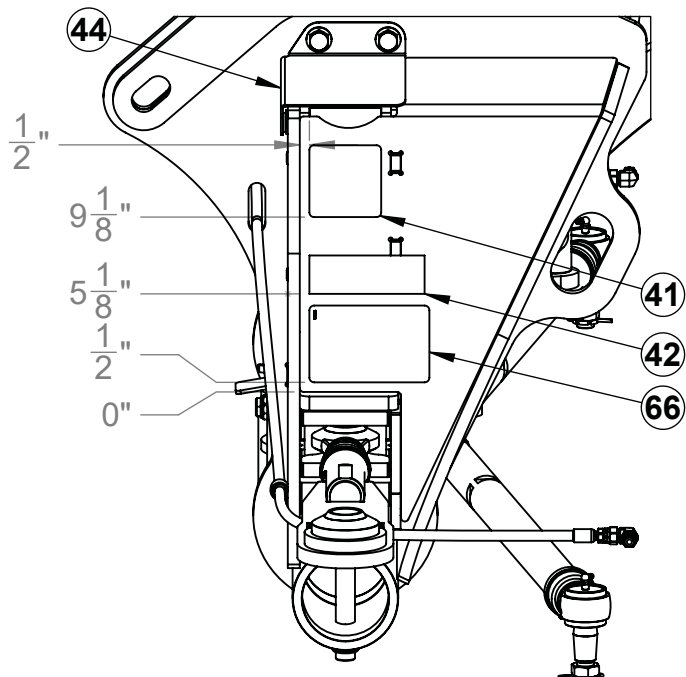
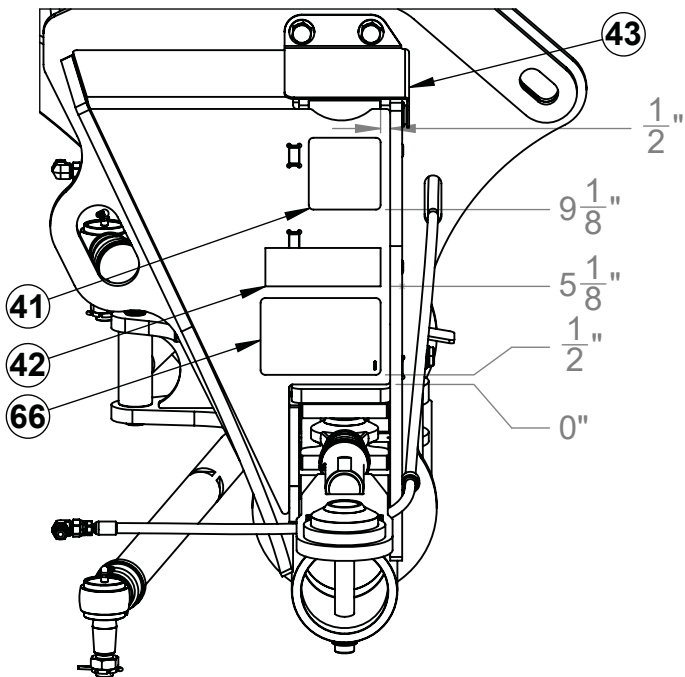


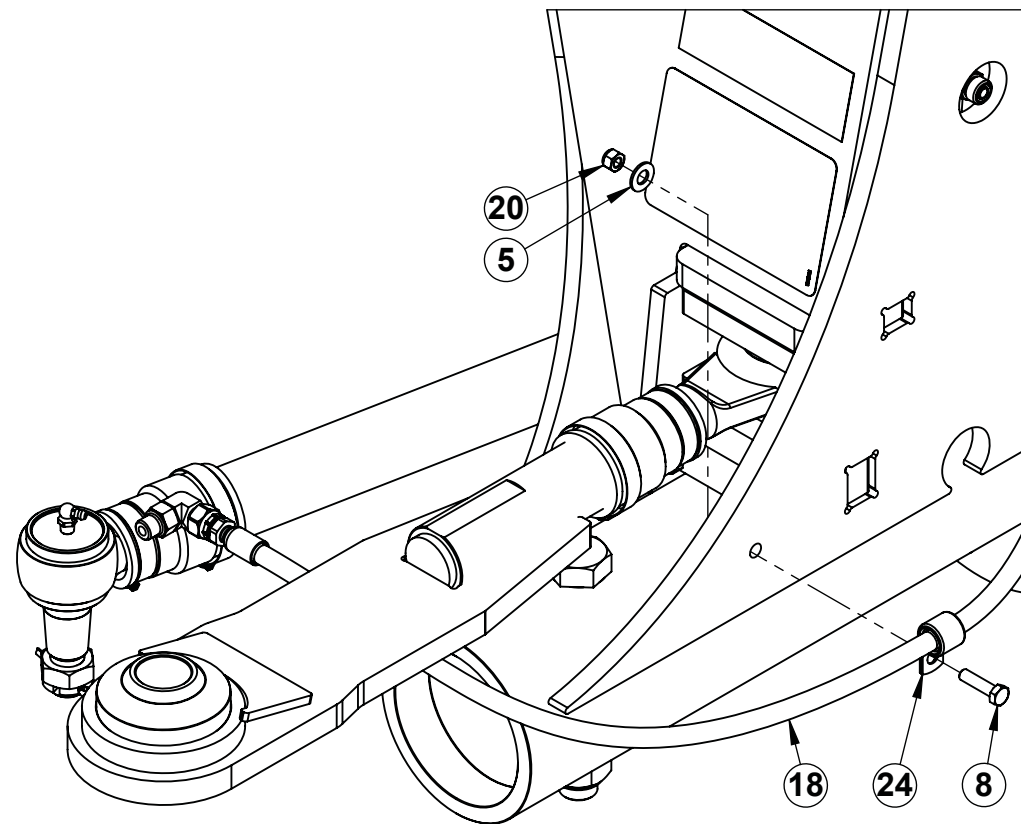
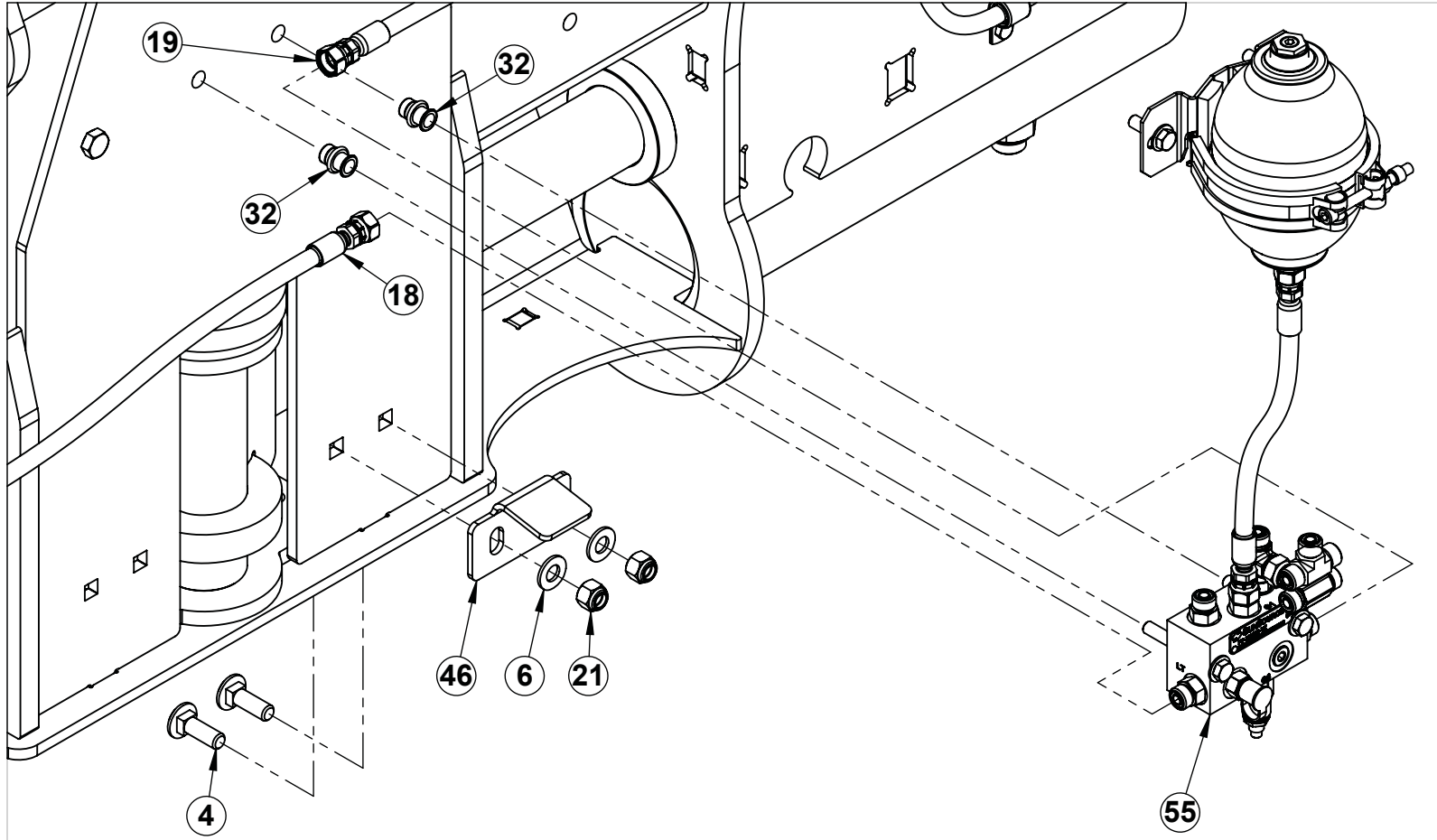
These two faces must be flush when setting tilt control



TA01880 Assy, 60/66' Main Frame (88")

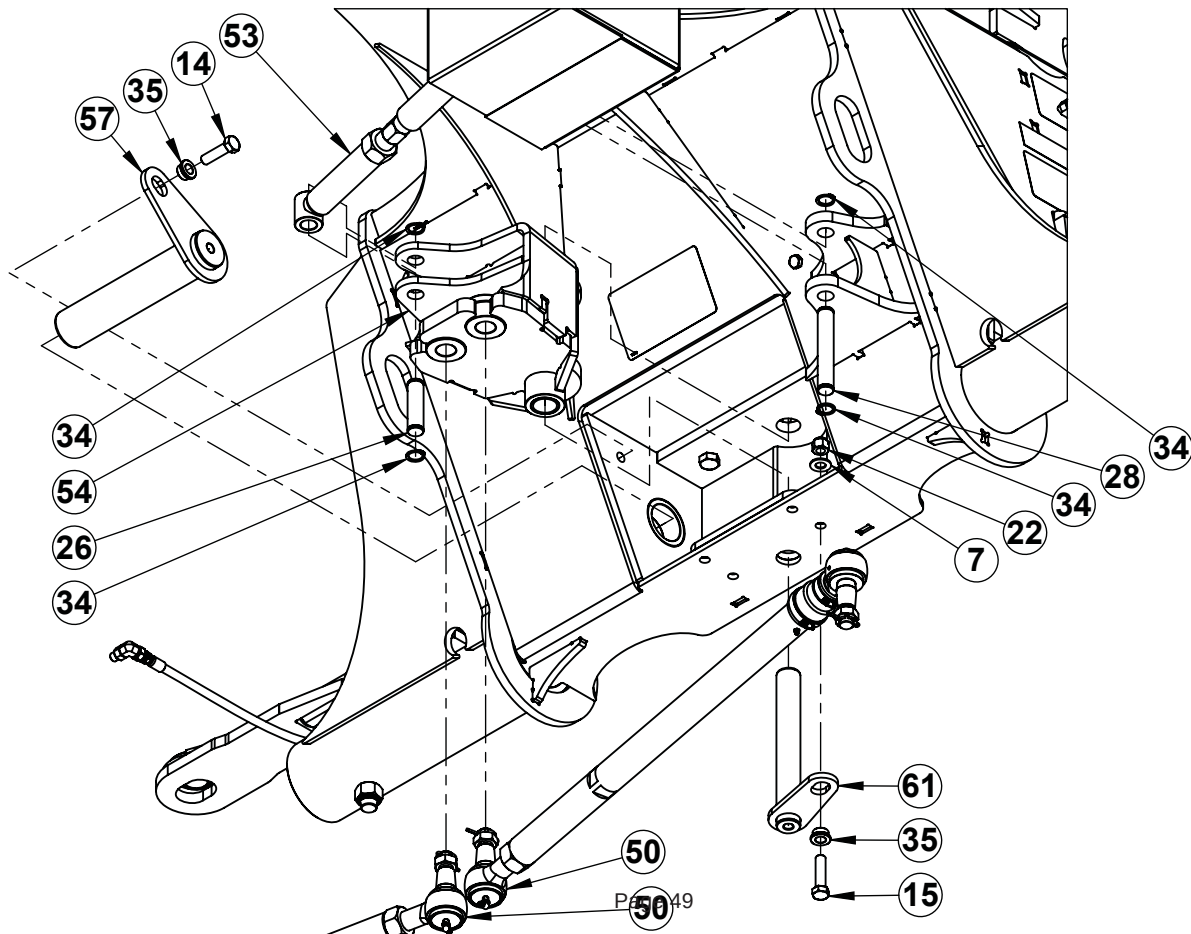
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
2	AD-06MFS-06MB	Adapter, 06MFS-06MB	4	
7	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	9	
13	HB-0.625-11X1.75Y8	Bolt, Hex Hd 5/8-11x1-3/4 YZ8	4	
16	HB-1.000-8X7.00Y8	Bolt, Hex Hd 1-8x7 YZ8	2	
22	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	11	
23	NLNUT-1.000-8Y8	Nylon Lock Nut, 1-8 YZ8	2	
27	PIN-1.000X4.63Y	Pin, 1x4-5/8 YZ	2	
29	PIN-1.000X6.125Y	Pin, 1x6-1/8 YZ	2	
30	PIN-1.438X3.50Y	Pin, 1-7/16x3-1/2 YZ	2	
34	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	10	
36	T0051588	Decal, Warning - Crush Hazard	2	
39	T0054236	Decal, Yieldtrac 4.4x33.3	2	
40	T0054616	Stop Insert	4	
41	T0054707	Decal, Warn-Crush Haz Mn Lift	2	
42	T0054708	Decal, 320 Lug Torque	2	
43	T0054904	Cylinder Cover, LH	1	
44	T0054905	Cover, RH Cylinder	1	
51	TA01117	Tilt Control Assembly	2	
52	TA01235	Cylinder, Tilt Stop	2	
60	TW001162	Wldmt, 88" Stop Block	2	
64	TA02174	Assy, Hitch Latch Indicator	1	
65	TA02196	Hose Kit, 60/66' Track Carrier (2000)	1	
66	T0056604	Decal, Track Alignment	2	
67	T0056606	Decal, Track Toe Adjustment	1	

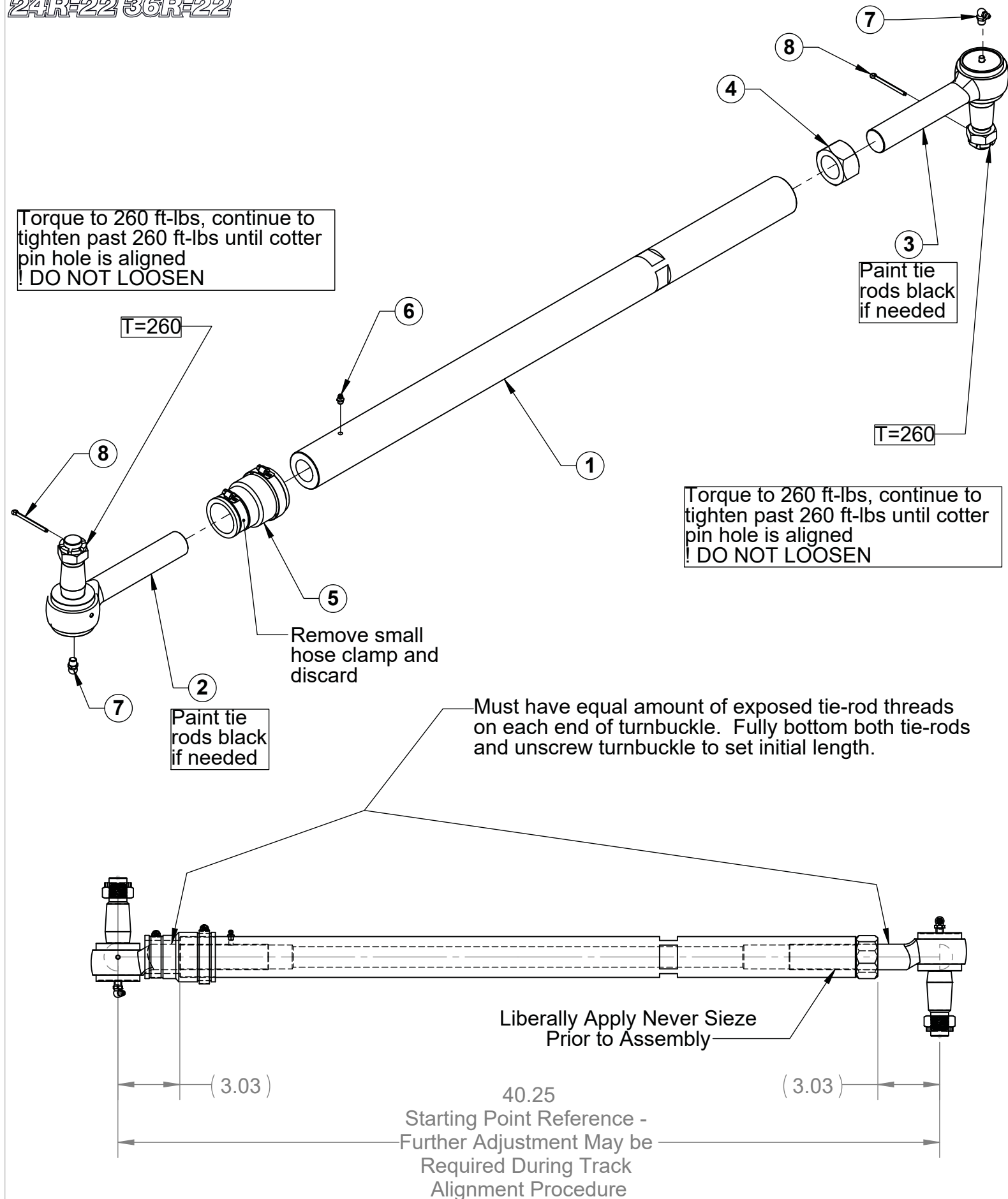




TA01880 Assy, 60/66' Main Frame (88")

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
4	CB-0.500-13X1.50-Y8	Bolt, Carriage 1/2-13x1-1/2 YZ8	2	
5	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	2	
6	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	18	
7	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	9	
8	HB-0.313-18X1.25Y8	Bolt, Hex Hd 5/16-18x1-1/4 YZ8	2	
14	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	5	
15	HB-0.625-11X2.50Y8	Bolt, Hex Hd 5/8-11x2-1/2 YZ8	1	
18	HS04-060-06FS-06FS-C	Hose 0.25-060-06FS-06FS-STC	1	
19	HS04-060-06FS-06FS-C	Hose 0.25-060-06FS-06FS-STC	1	
20	NLNUT-0.313-18Y8	Nylon Lock Nut, 5/16-18 YZ8	2	
21	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	2	
22	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	11	
24	PCLMP-0.750x0.875	Clamp, Tube 3/4x13/32	2	
26	PIN-1.000X3.38Y	Pin, 1x3-3/8 YZ	1	
28	PIN-1.000X5.75Y	Pin, 1x5-3/4 YZ	1	
32	RN-0.375-16-.31-.44-Y	Rivet Nut, 3/8-16x0.31-0.44 YZ	4	
34	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	10	
35	T0050854	Anti Rotation Insert	6	
46	T0056047	Bracket, Striker	1	
50	TA01077	Assy, Tie Rod	2	
53	TA01637	Assy, Turnbuckle	1	
54	TA01916	Assy, Steering Pivot	1	
55	TA01921	Assy, Track Tension Valve	1	
57	TW001012	Pin Weldment	2	
61	TW001170	Pin Weldment	1	



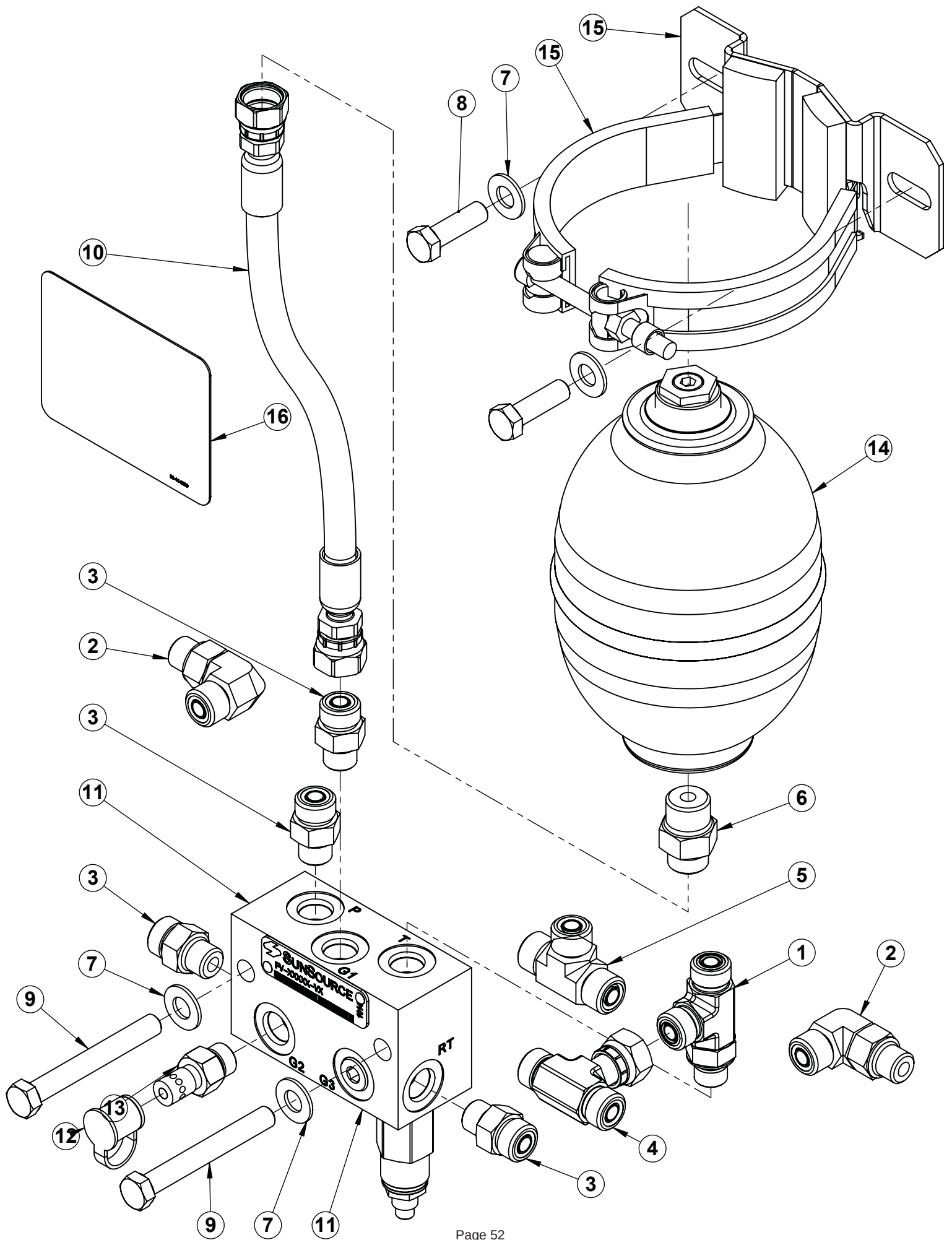


TA01077 Assy, Tie Rod

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0053882	Turnbuckle	1	
2	T0053839	Tie Rod End, Outter LH Thrds	1	
3	T0053945	Tie Rod End, Inner RH Thrds	1	
4	HNUT-1.250-12Y8	Nut, Hex 1-1/4-12 YZ8	1	
5	T0054207	1.5" x 1.25" Rubber Coupling	1	
6	ZERK-0.250-28	Zerk, 1/4-28	1	
7	ZERK-0.250-28X90	Zerk, Grease 1/4-28x90 Deg	2	
8	CTPIN-0.156X2.00	COTTERPIN 5/32 X 1-1/2	2	

Note:

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

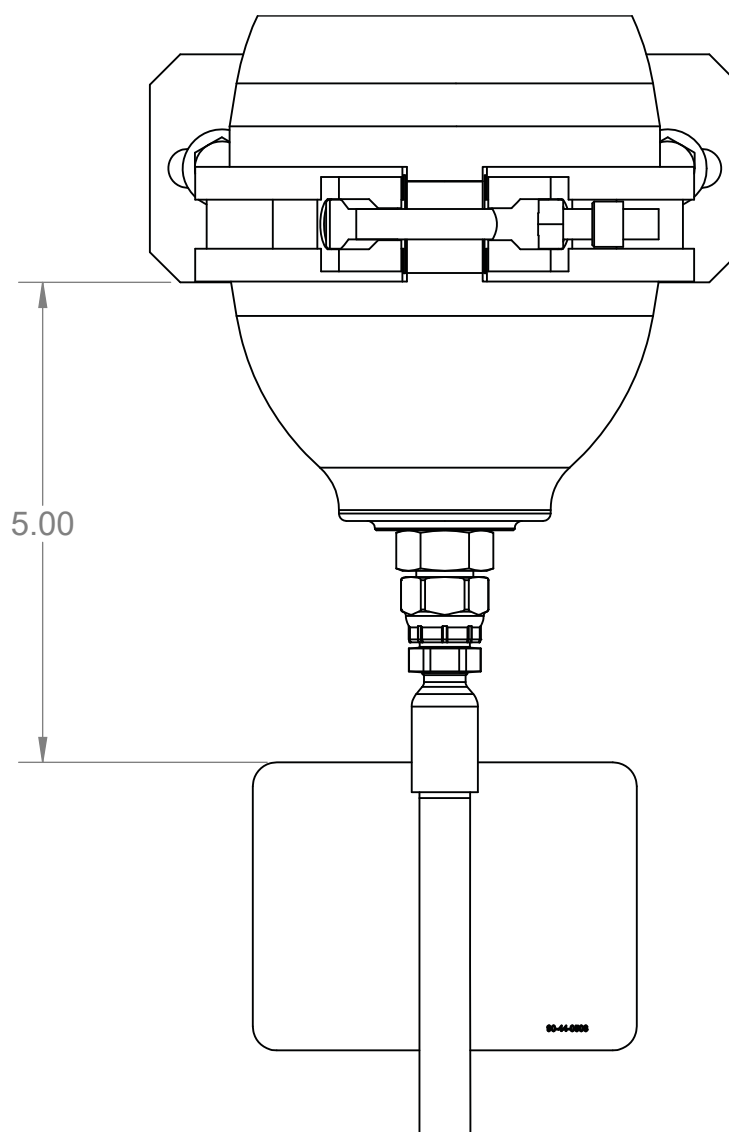


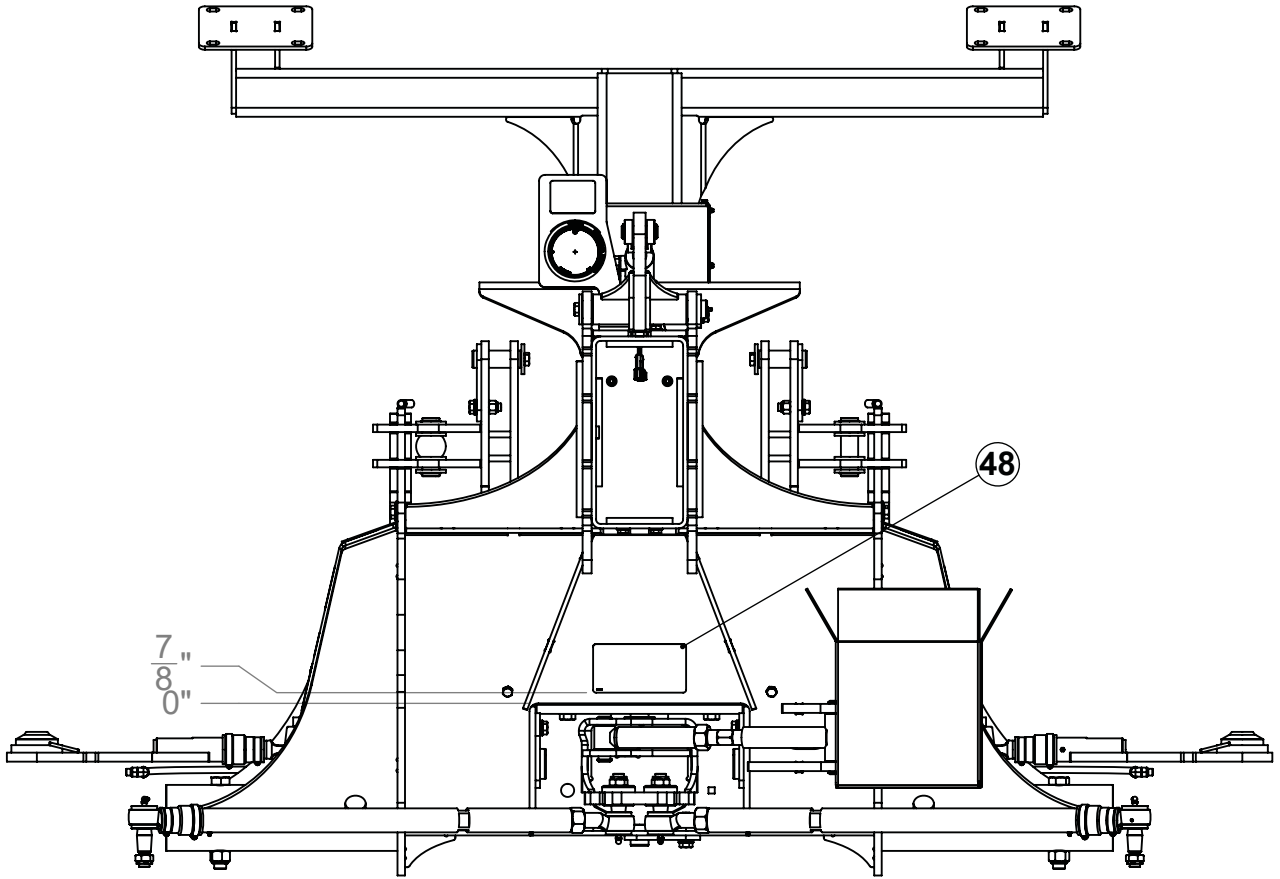
TA01921 Assy, Track Tension Valve

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	AD-06MFS-06MB-06MFS	Adapter, 06MFS-06MB-06MFS Tee	1	
2	AD-06MFS-06MB-90	Adapter, 06MFS-06MB 90	2	
3	AD-06MFS-06MB	Adapter, 06MFS-06MB	4	
4	AD-06MFS-06MFS-06FST	Adapter, 06MFS-06MFS-06FST Tee	1	
5	AD-06MFS-06MFS-06MFS	Adapter, 06MFS-06MFS-06MFS Tee	1	
6	AD-06MFS-08MB	Adapter, 06MFS-08MB	1	
7	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	4	
8	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	2	
9	HB-0.375-16X3.00Y8	HBolt-0.3750-16x3.000-YZ8	2	
10	HS04-013-06FS-06FS-B	Hose 0.250-013-06FS-06FS-B	1	
11	T0054379	Valve Assy, Track Tension	1	
12	T0054469	Cap, Rubber	1	
13	T0054476	Diagnostic Nipple	1	
14	T0054501	Accumulator, Track Tension	1	
15	TA01484	Assy, Accumulator Clamp	1	13
16	90-44-0508	Decal, Warning-Accumulator Pressurized Hazard	1	

Note:

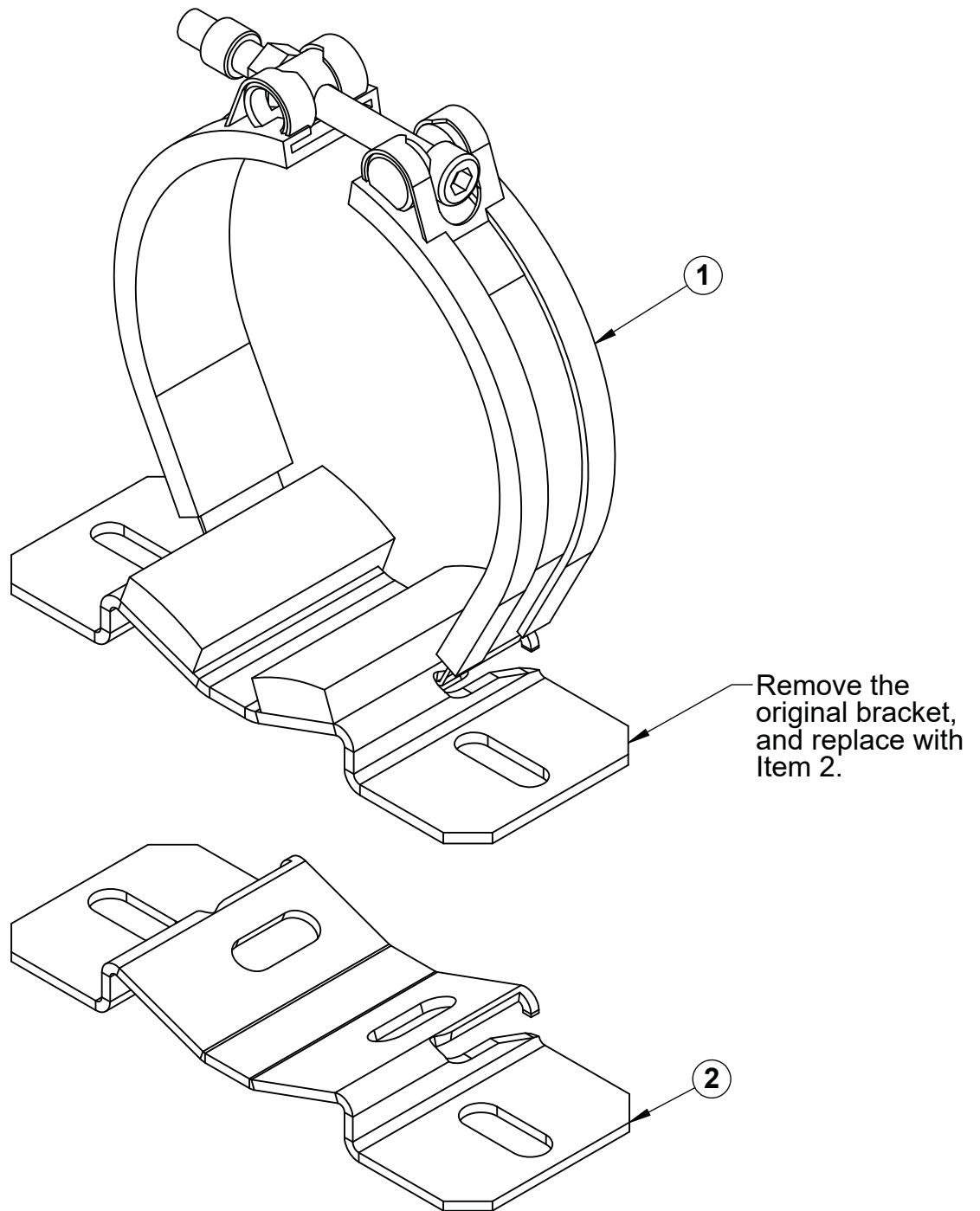
1. **T=XXX** = Torque, and is expressed in ft-lbs.





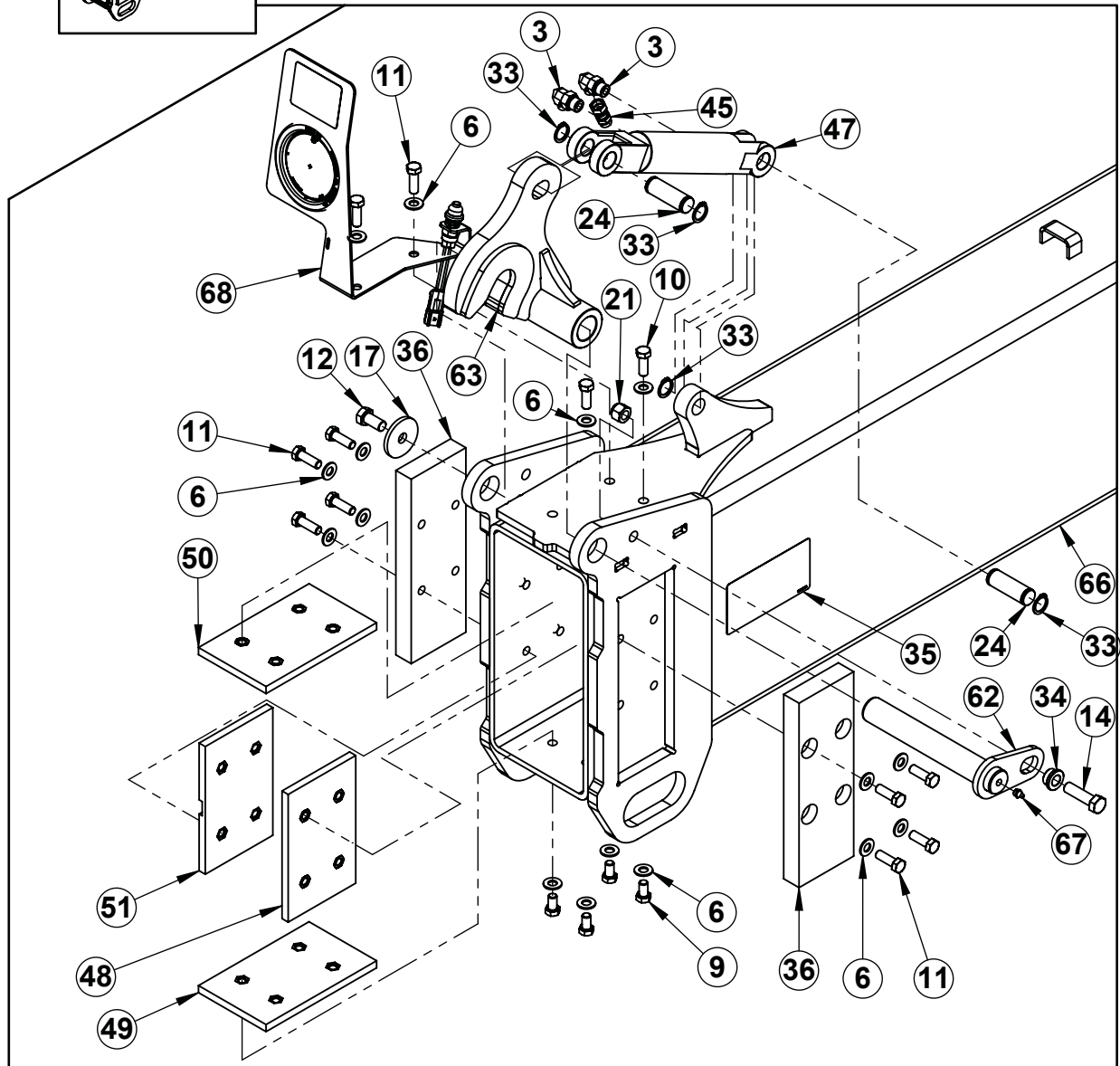
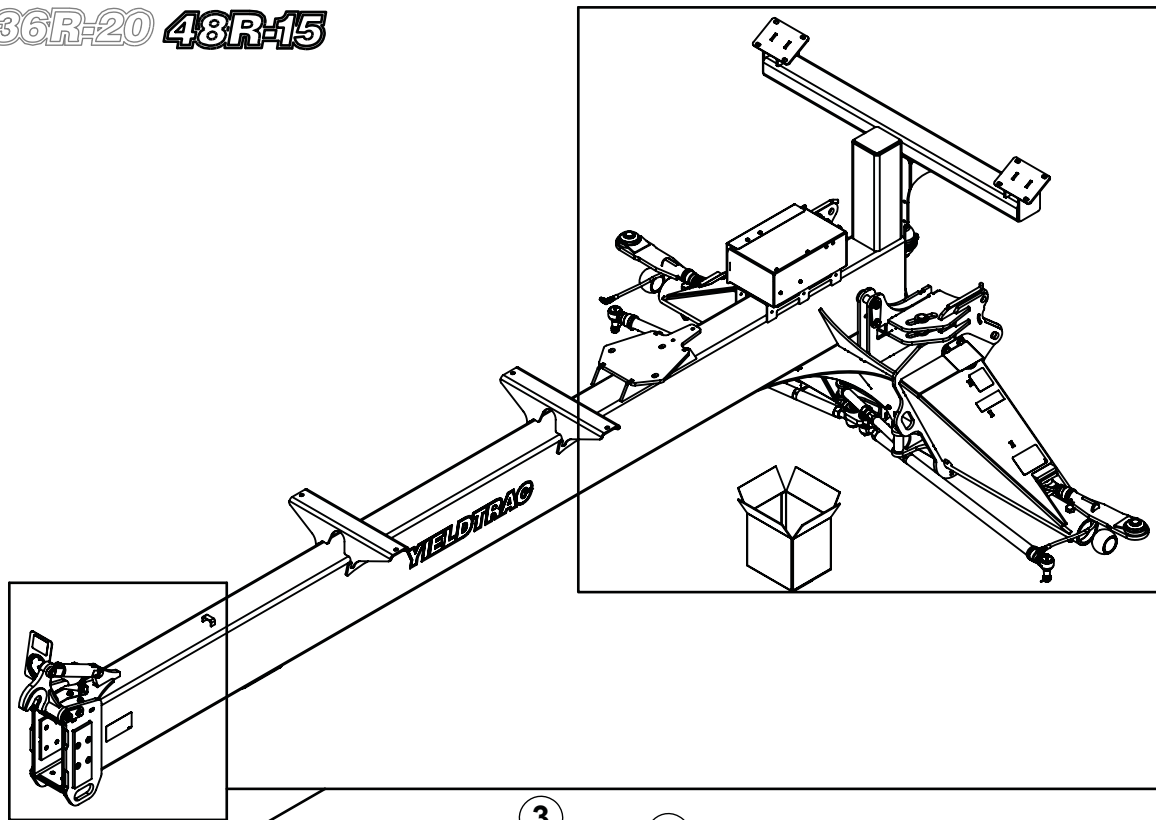
TA01880 Assy, 60/66' Main Frame (88")

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
48	T0056606	Decal, Track Toe Adjustment	1	



TA01484 Assy, Accumulator Clamp

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0054490	Clamp, Accumulator	1	
2	T0054491	Clamp Base	1	

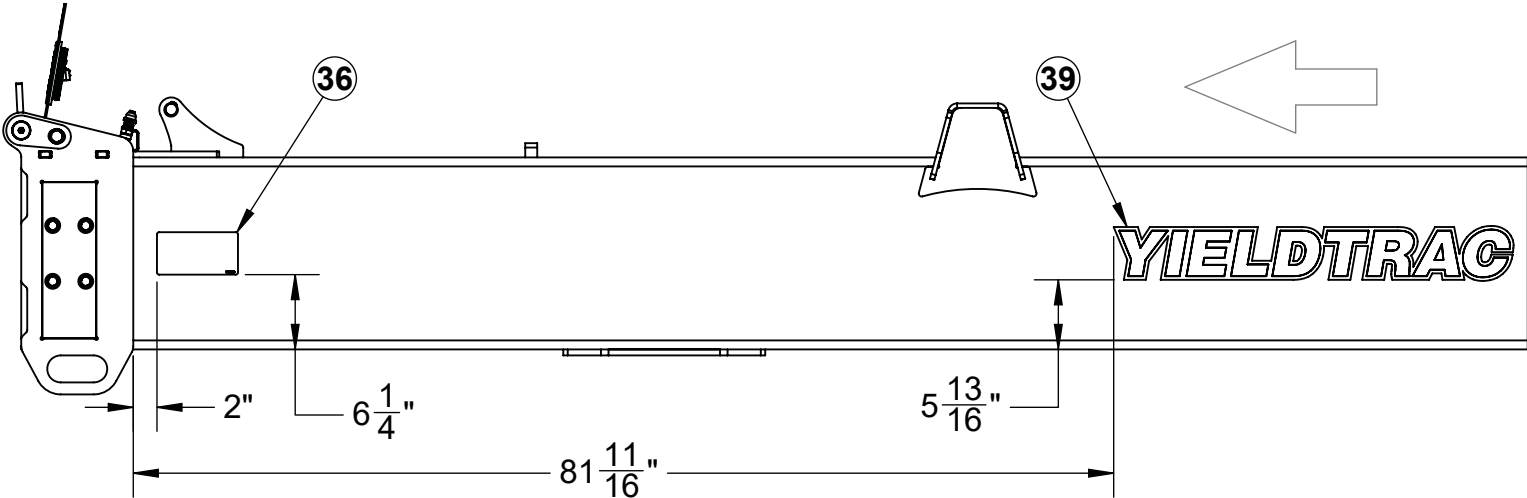
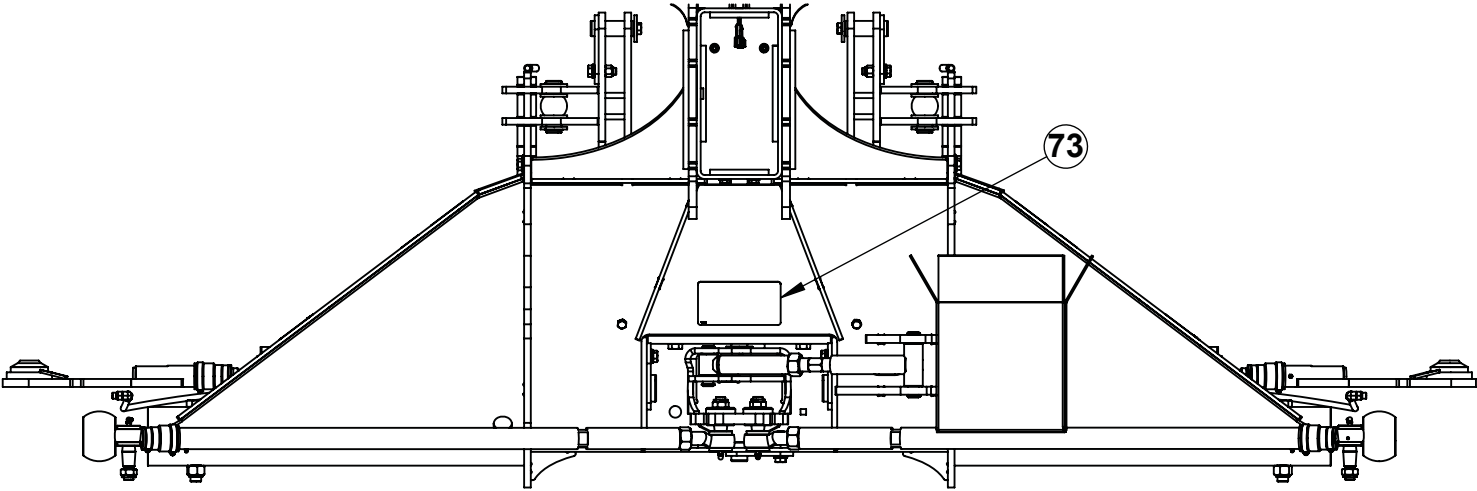
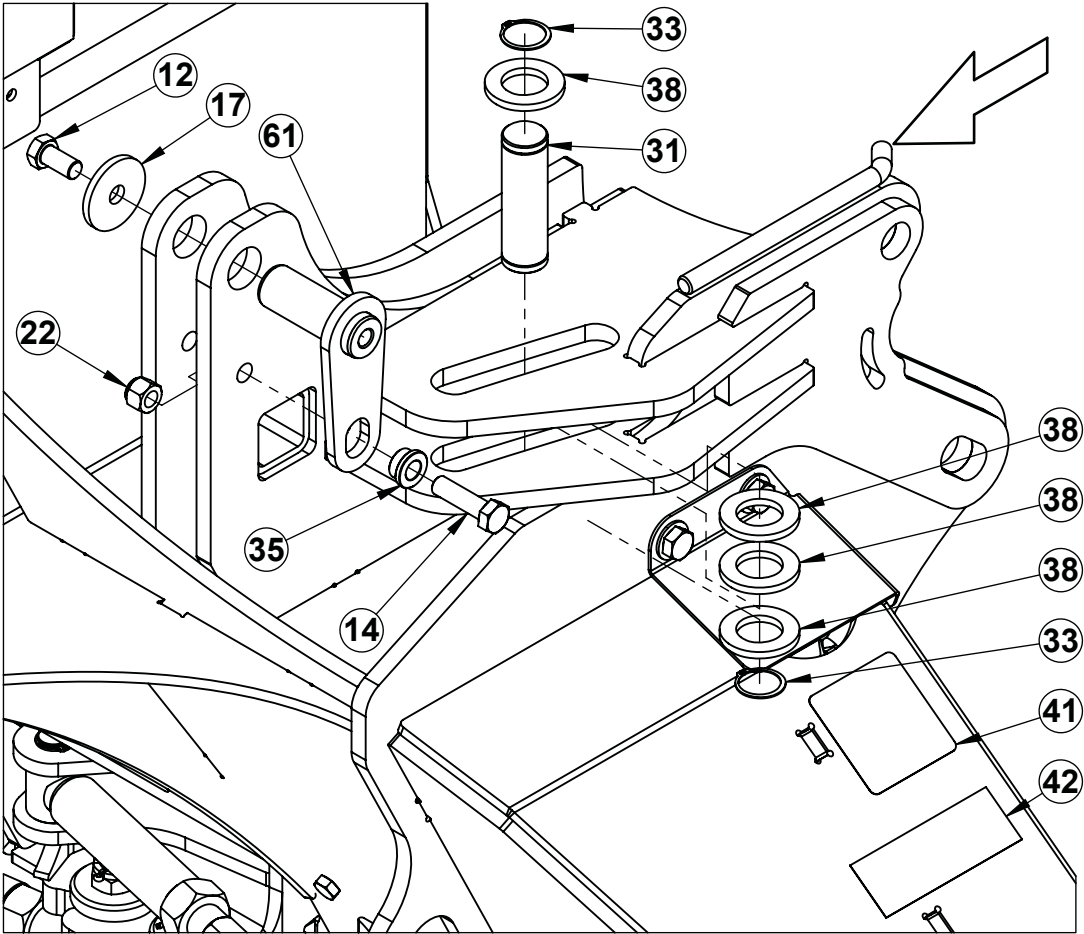


TA01881 Assy, 60/66' Main Frame (120") (Sheet 1 of 5)

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
3	AD-06MFS-08MB-90	Adapter, 06MFS-08MB 90	2	
6	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	18	
9	HB-0.500-13X0.88Y8	Bolt, Hex Hd 1/2-13x7/8 YZ8	4	
10	HB-0.500-13X1.38Y8	Bolt, Hex Hd 1/2-13x1-3/8 YZ8	2	
11	HB-0.500-13X1.50Y8	Bolt, Hex Hd 1/2-13x1-1/2 YZ8	10	
12	HB-0.625-11X1.25Y8	Bolt, Hex Hd 5/8-11x1-1/4 YZ8	3	
14	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	5	
17	HDWSH-0.64X2.50Y	HD Washer, 41/64x2-1/2 YZ	3	
21	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	10	
24	PIN-1.000X2.63Y	Pin, 1x2-5/8 YZ	2	
33	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	10	
34	T0050854	Anti Rotation Insert	6	
35	T0051588	Decal, Warning - Crush Hazard	2	
36	T0052579	Slider Block	2	
45	T0055981	AD-06MFS-06FST w/.062 ORF	1	
47	TA00632	Cylinder, Hyd 2.00X4.00	1	
48	TA00801	Assy, Slider	1	
49	TA00801	Assy, Slider	1	
50	TA00801	Assy, Slider	1	
51	TA00843	Assy, Slider	1	
62	TW001050	Pin Weldment	1	
63	TW001150	Wldmt, Hitch Latch	1	
66	TW001428	Wldmt, 60/66' Main Frame (120")	1	
67	ZERK-0.125-27-NPT	Zerk, 1/8-27 NPT	1	
68	TA02174	Assy, Hitch Latch Indicator	1	
69	TA02196	Hose Kit - Marker, TM24R22	1	
70	T0056604	Decal, Track Alignment	2	
71	T0056605	Decal, Camber Lock Pin Removal	2	
72	T0056606	Decal, Track Toe Adjustment	1	

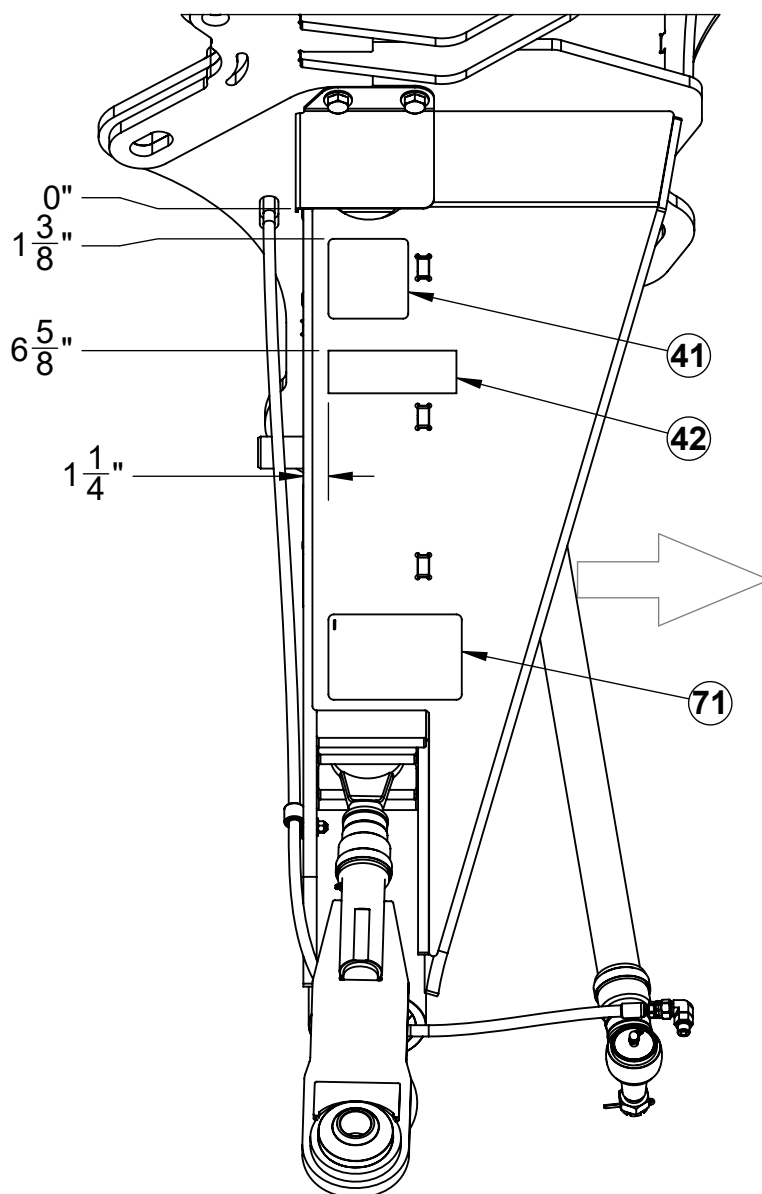
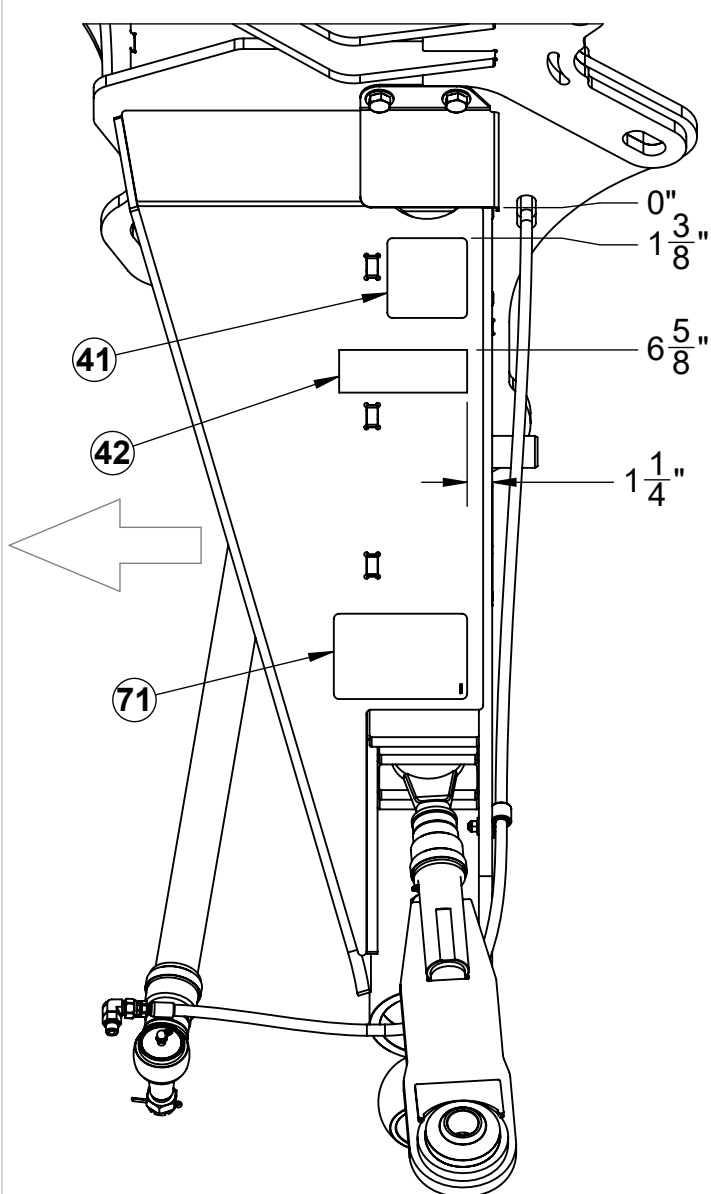
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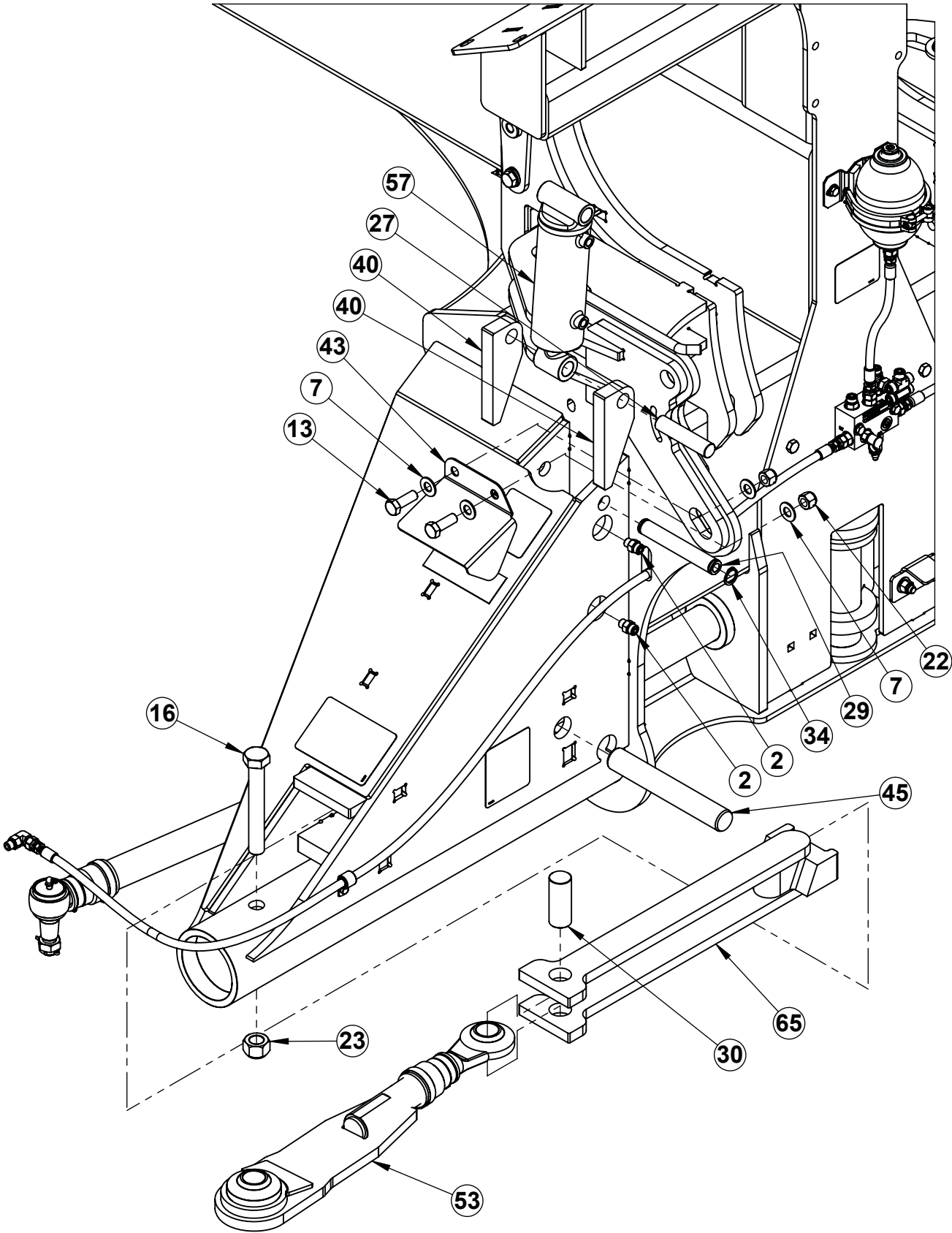
1. T=XXX = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



TA01881 Assy, 60/66' Main Frame (120") (Sheet 2 of 5)

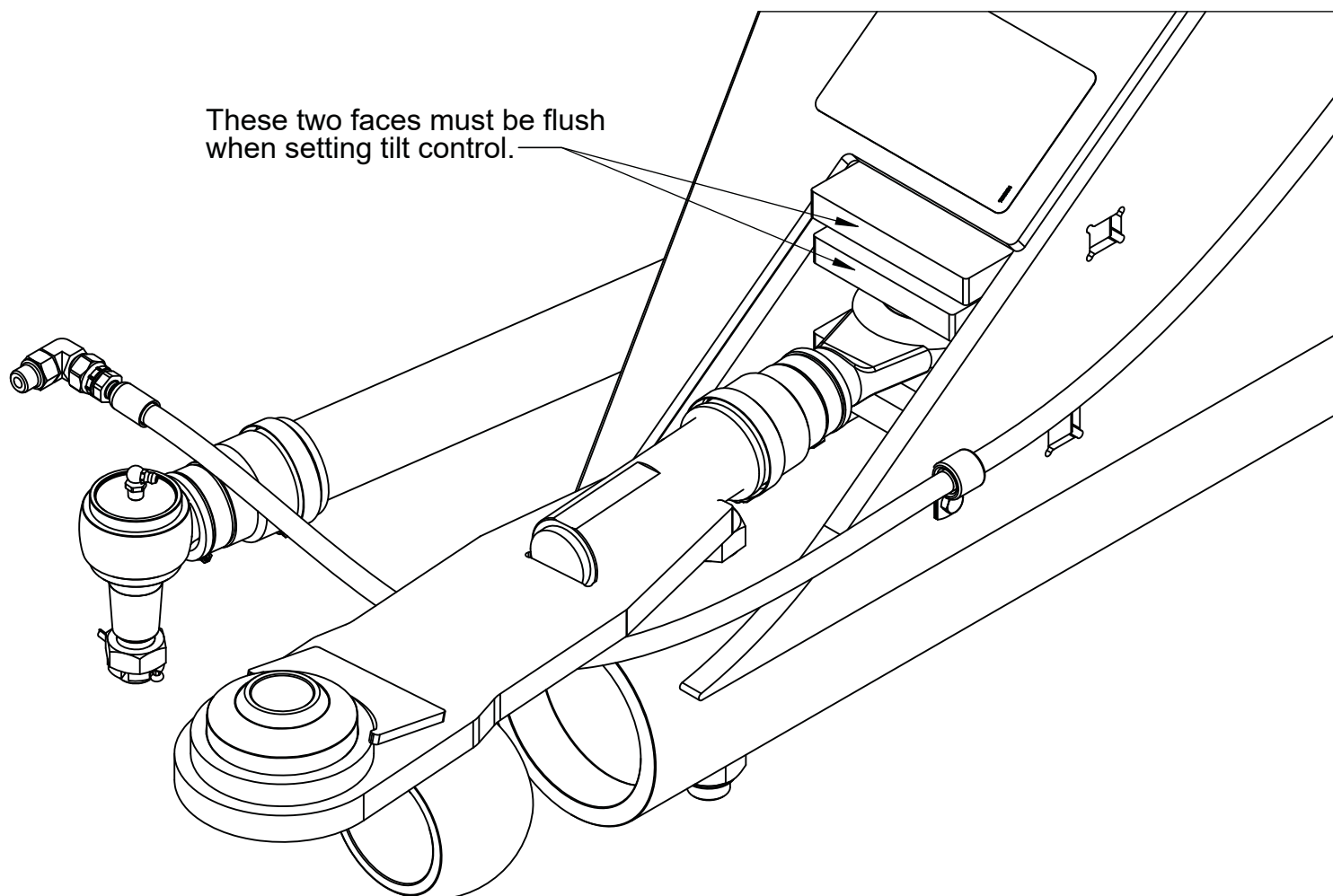
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
12	HB-0.625-11X1.25Y8	Bolt, Hex Hd 5/8-11x1-1/4 YZ8	3	
14	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	5	
17	HDWSH-0.64X2.50Y	HD Washer, 41/64x2-1/2 YZ	3	
22	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	10	
31	PIN-1.438X4.25Y	Pin, 1-7/16x4-1/4 YZ	2	
33	SRING-EXT-1.44	Retaining Ring, External 1-7/16	4	
35	T0050854	Anti Rotation Insert	6	
36	T0051588	Decal, Warning - Crush Hazard	2	
38	T0052610	Washer, Control Link	8	
39	T0054236	Decal, Yieldtrac 4.4x33.3	2	
41	T0054707	Decal, Warn-Crush Haz Mn Lift	2	
42	T0054708	Decal, 320 Lug Torque	2	
61	TW000630	Pin Weldment	2	
71	T0056604	Decal, Track Alignment	2	
73	T0056606	Decal, Track Toe Adjustment	1	

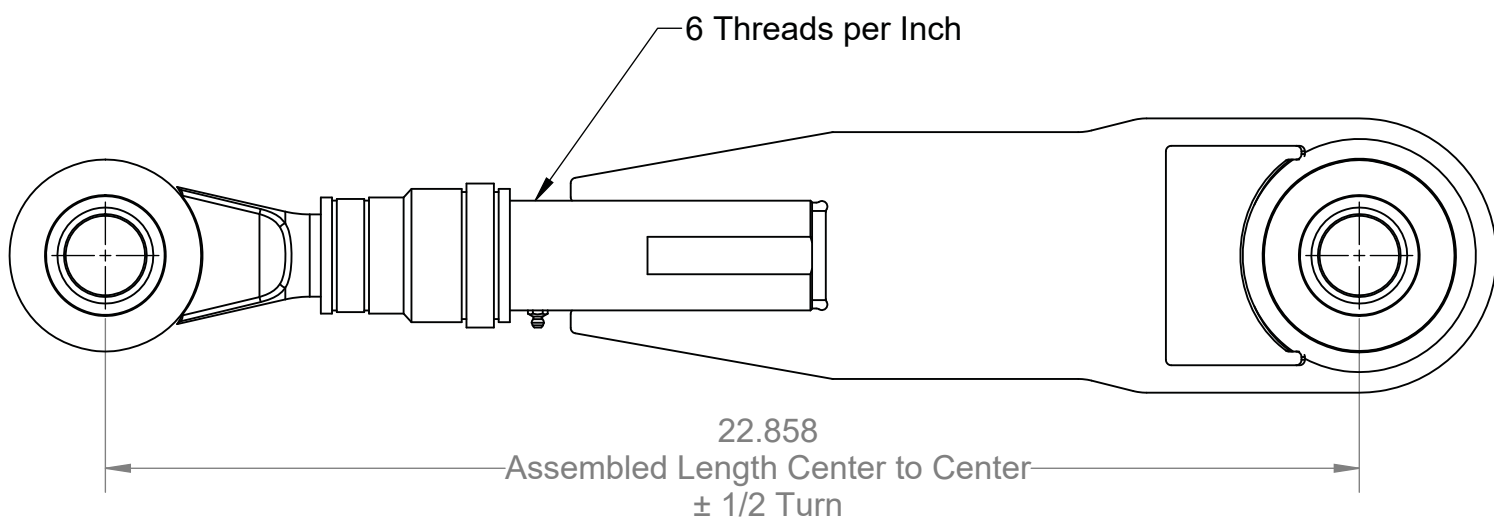
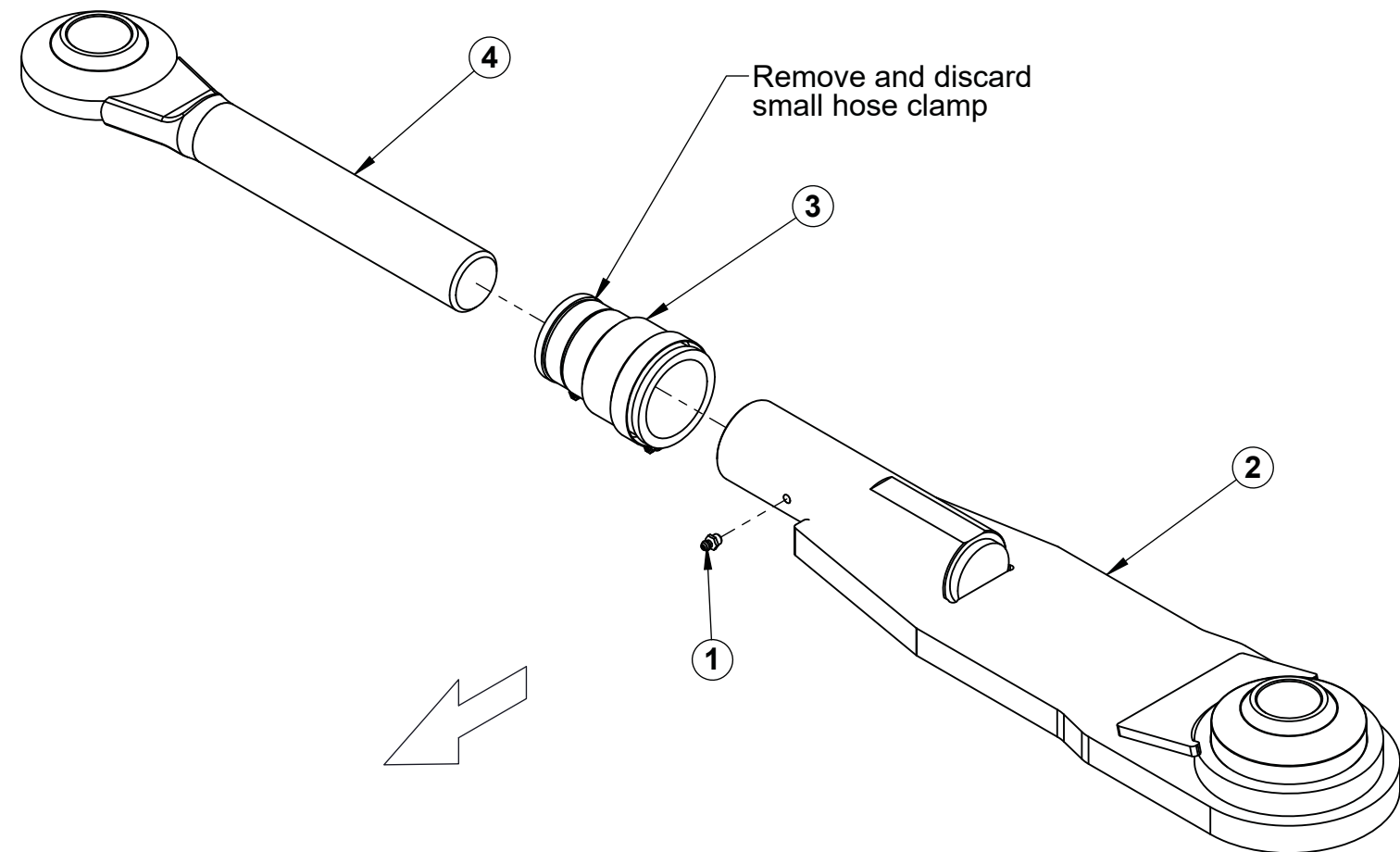




TA01881 Assy, 60/66' Main Frame (120") (Sheet 3 of 5)

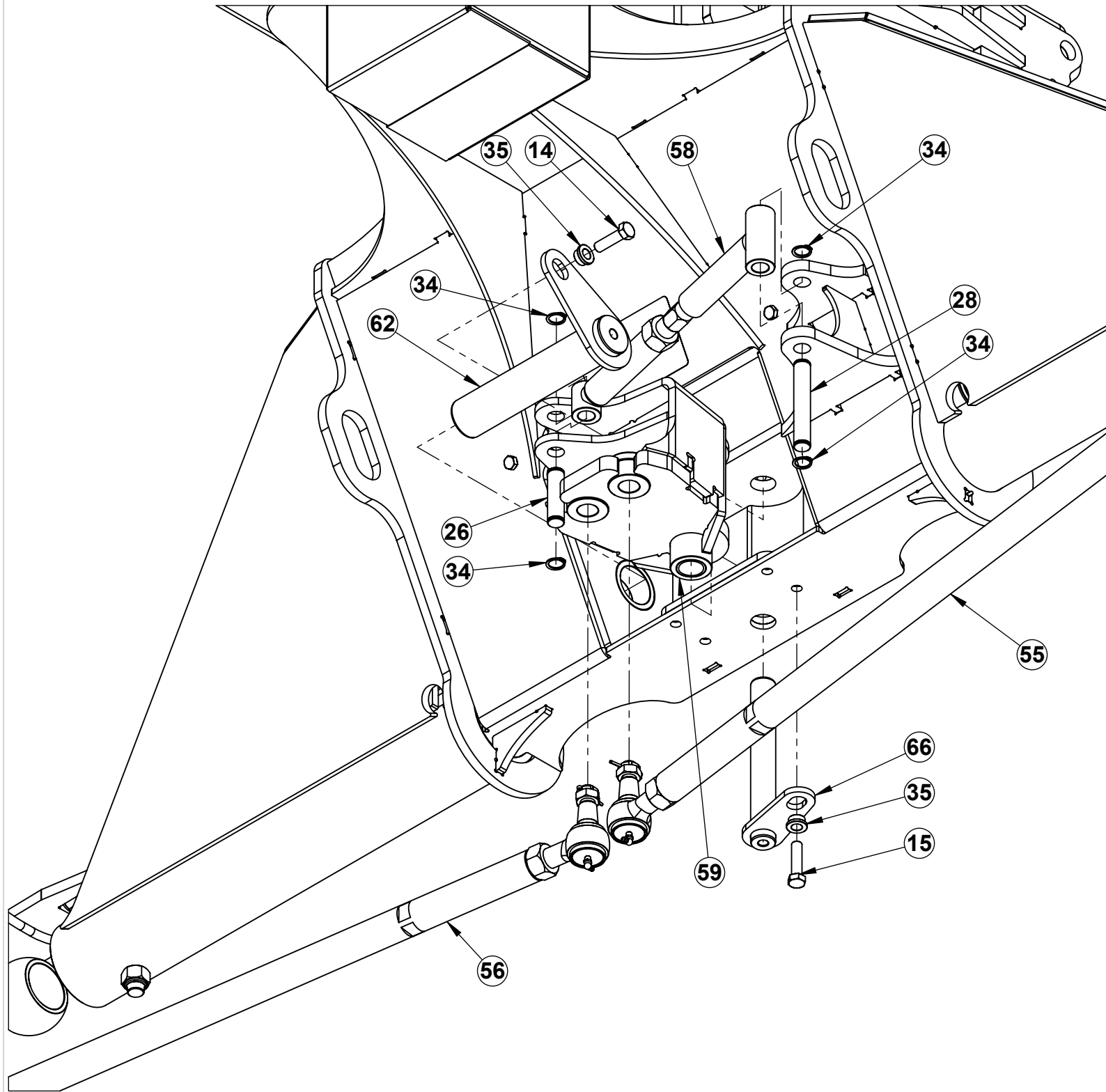
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
2	AD-06MFS-06MB	Adapter, 06MFS-06MB	4	
7	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	9	
13	HB-0.625-11X1.75Y8	Bolt, Hex Hd 5/8-11x1-3/4 YZ8	4	
16	HB-1.000-8X7.00Y8	Bolt, Hex Hd 1-8x7 YZ8	2	
22	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	10	
23	NLNUT-1.000-8Y8	Nylon Lock Nut, 1-8 YZ8	2	
27	PIN-1.000X4.63Y	Pin, 1x4-5/8 YZ	2	
29	PIN-1.000X6.125Y	Pin, 1x6-1/8 YZ	2	
30	PIN-1.438X3.50Y	Pin, 1-7/16x3-1/2 YZ	2	
34	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	10	
40	T0054616	Stop Insert	4	
43	T0054904	Cylinder Cover, LH	1	
45	T0055290	Pin, Shipping Lock	2	
53	TA01117	Tilt Control Assembly	1	
57	TA01235	Cylinder, Tilt Stop	2	
65	TW001163	Wldmt, 120" Stop Block	2	
69	TA02174	Assy, Hitch Latch Indicator	1	
70	TA02196	Hose Kit - Marker, TM24R22	1	
71	T0056604	Decal, Track Alignment	2	
72	T0056605	Decal, Camber Lock Pin Removal	2	
73	T0056606	Decal, Track Toe Adjustment	1	





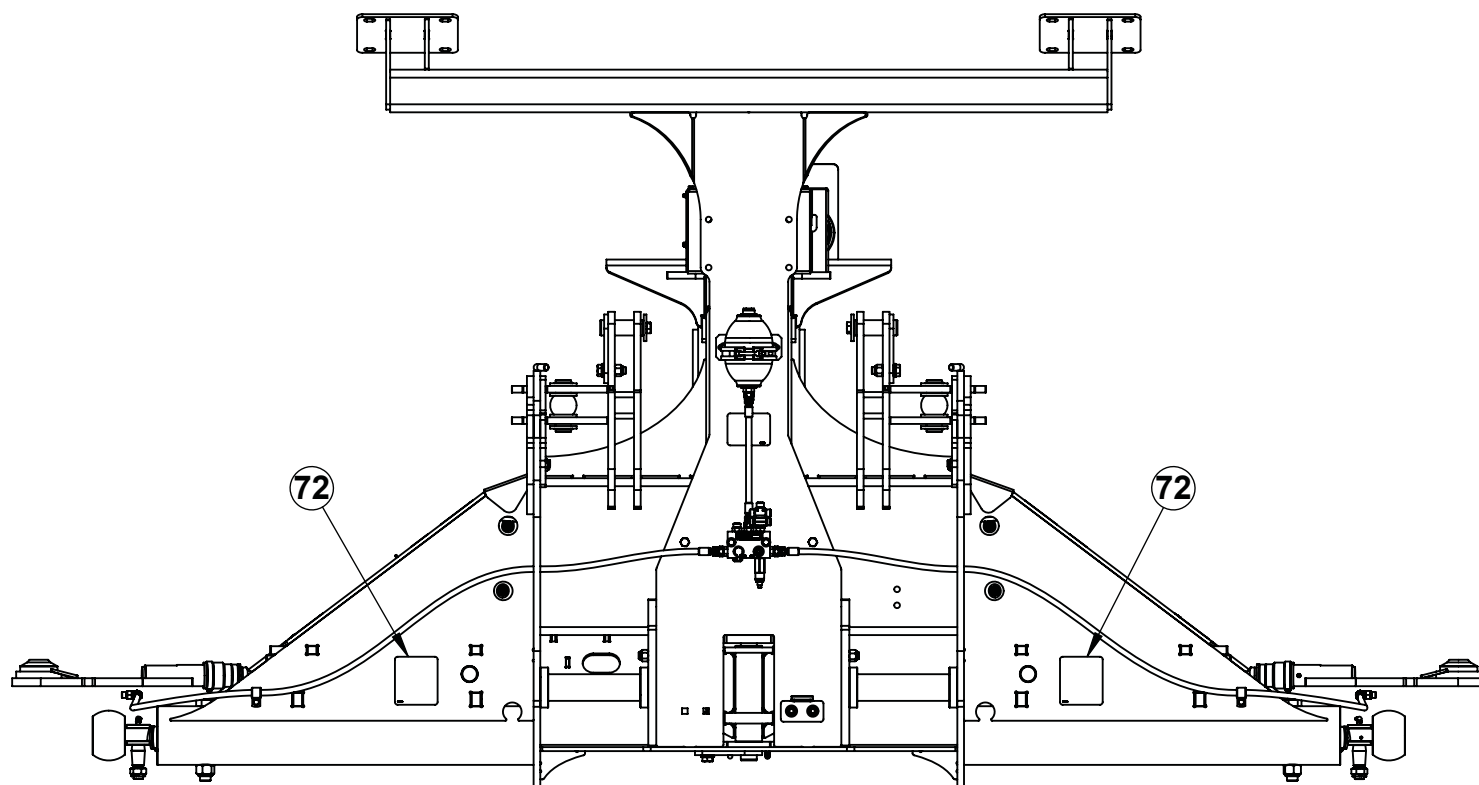
TA01117 Tilt Control Assembly

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



TA01881 Assy, 60/66' Main Frame (120") (Sheet 4 of 5)

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
14	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	5	
15	HB-0.625-11X2.50Y8	Bolt, Hex Hd 5/8-11x2-1/2 YZ8	1	
26	PIN-1.000X3.38Y	Pin, 1x3-3/8 YZ	1	
28	PIN-1.000X5.75Y	Pin, 1x5-3/4 YZ	1	
34	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	10	
35	T0050854	Anti Rotation Insert	6	
55	TA01168	Assy, Tie Rod 120"	1	
56	TA01168	Assy, Tie Rod 120"	1	
58	TA01637	Assy, Turnbuckle	1	
59	TA01916	Assy, Steering Pivot	1	
62	TW001012	Pin Weldment	2	
66	TW001170	Pin Weldment	1	
69	TA02174	Assy, Hitch Latch Indicator	1	
70	TA02196	Hose Kit - Marker, TM24R22	1	
72	T0056605	Decal, Camber Lock Pin Removal	2	



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

T=260

Paint tie rods black if needed

T=260

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

Paint tie rods black if needed

Remove small hose clamp and discard

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

Liberal apply Anti-Sieze Prior to assembly

Liberal apply Anti-Sieze Prior to assembly

2.95

(2.87)

56.01

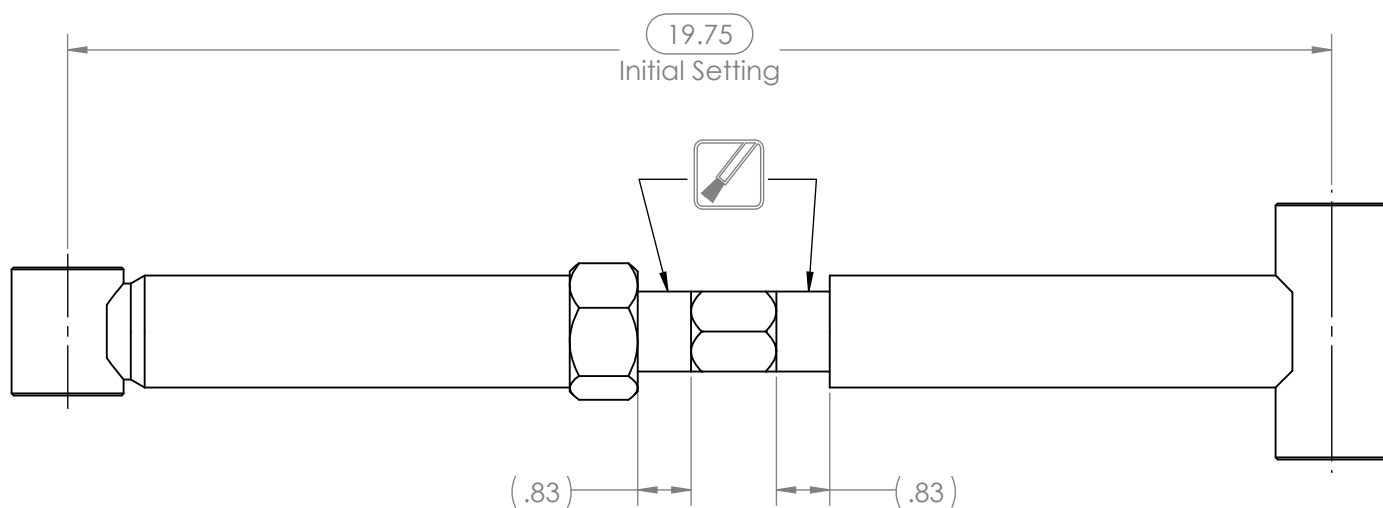
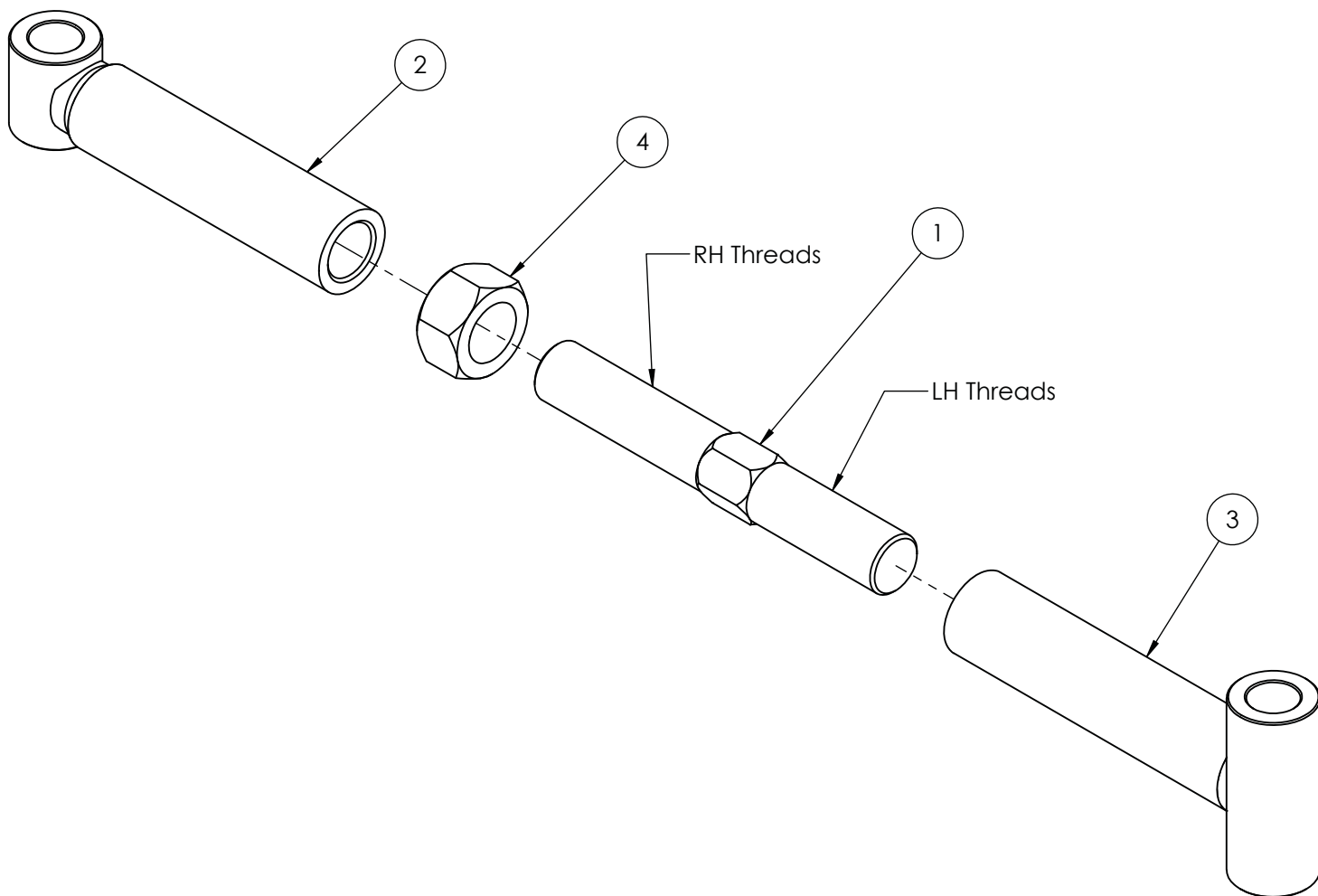
Starting Point Reference -
Further Adjustment May be
Required During Track
Alignment Procedure

TA01168 Assy, Tie Rod 120"

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

Note:

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



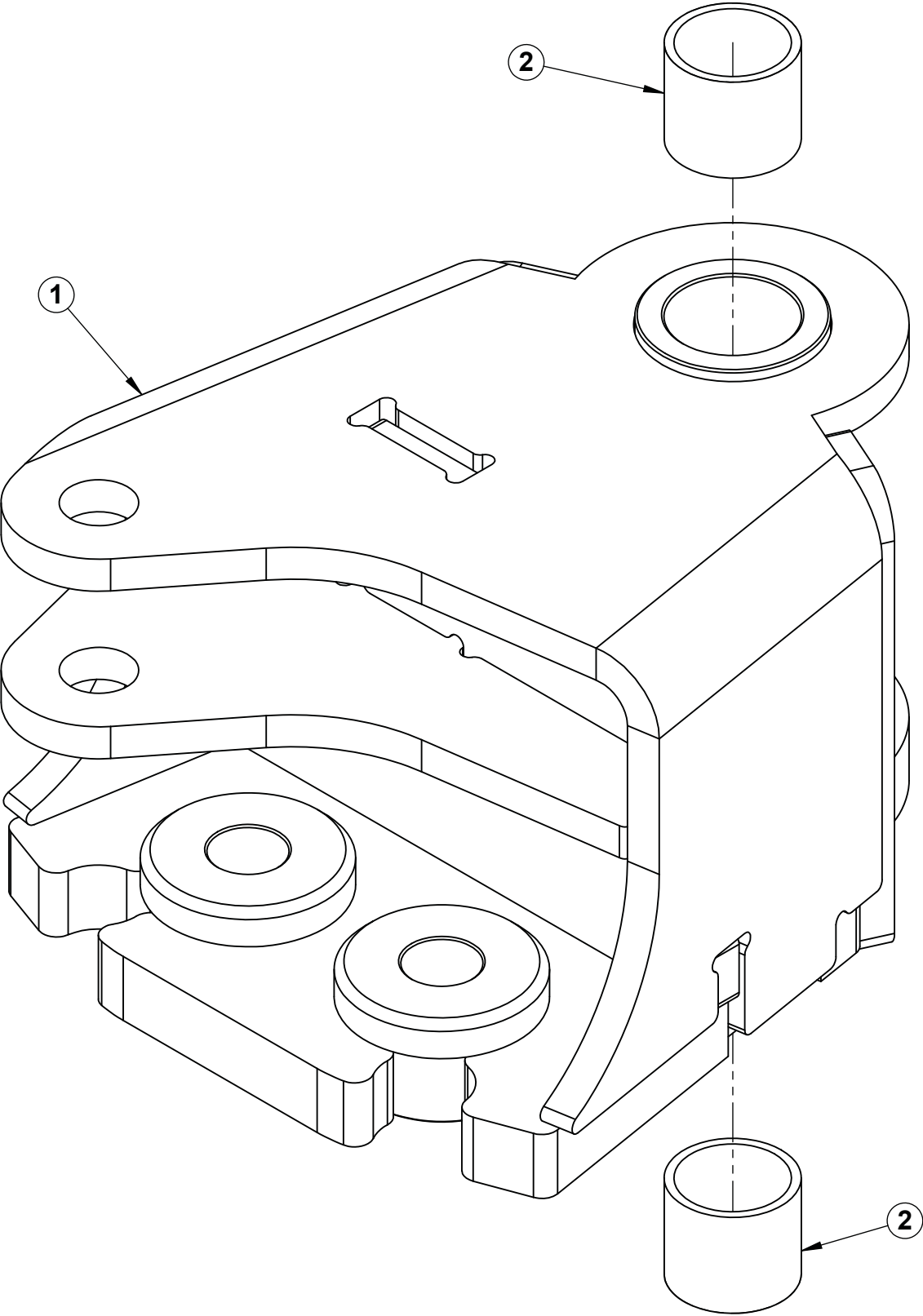
Thread lengths must be equal

TA01637 Assy, Turnbuckle

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

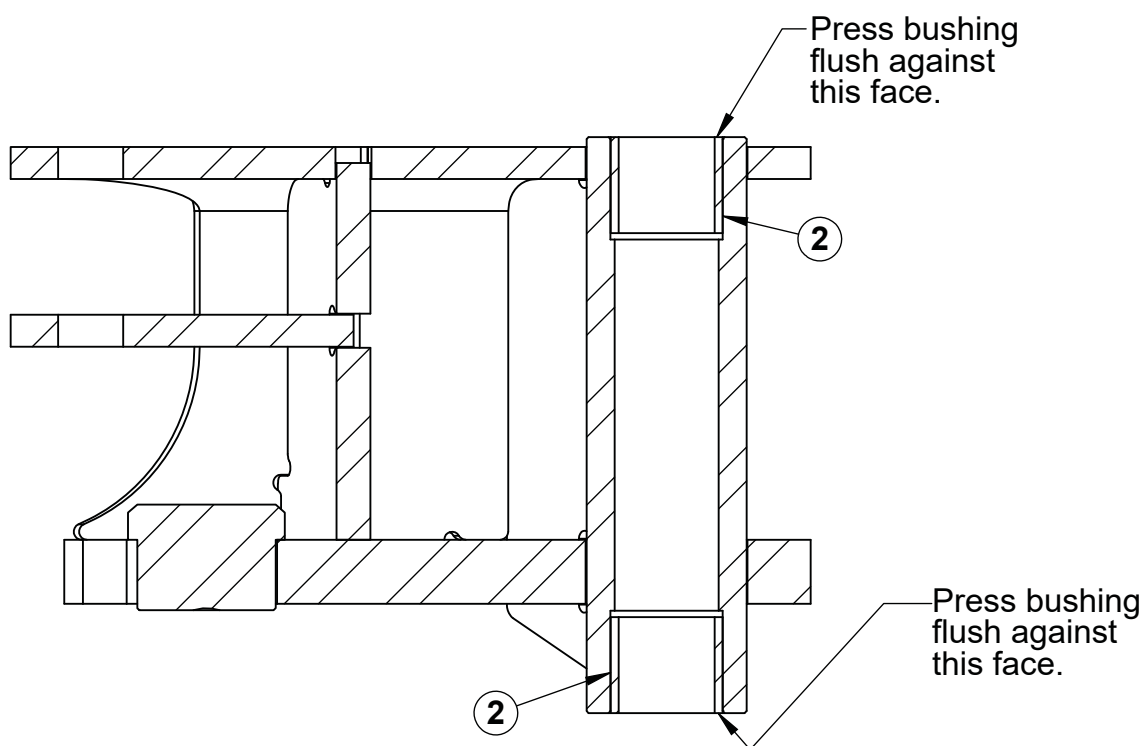
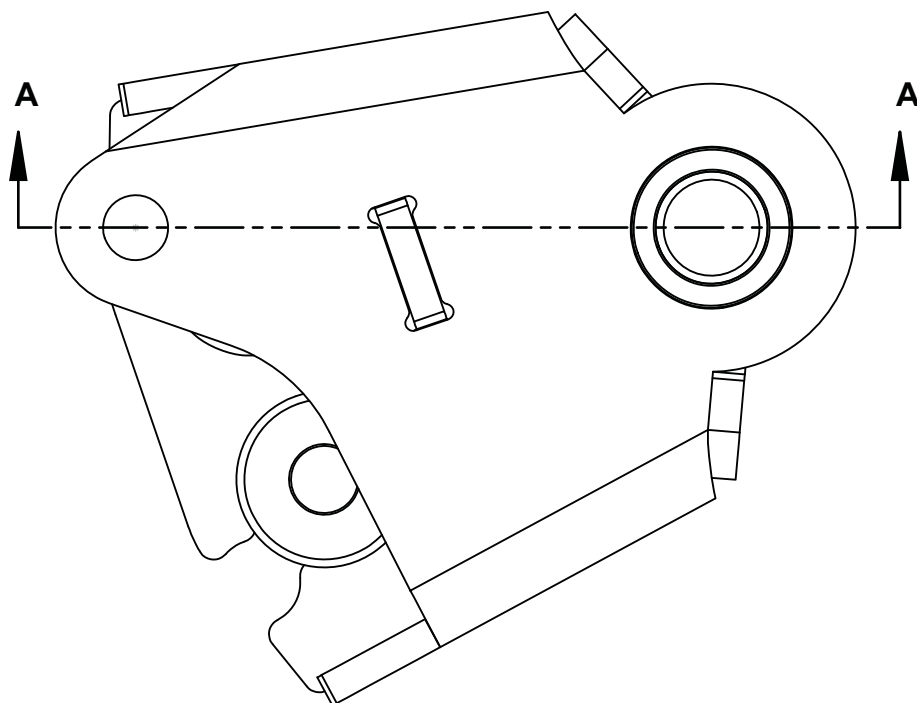
Note:

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

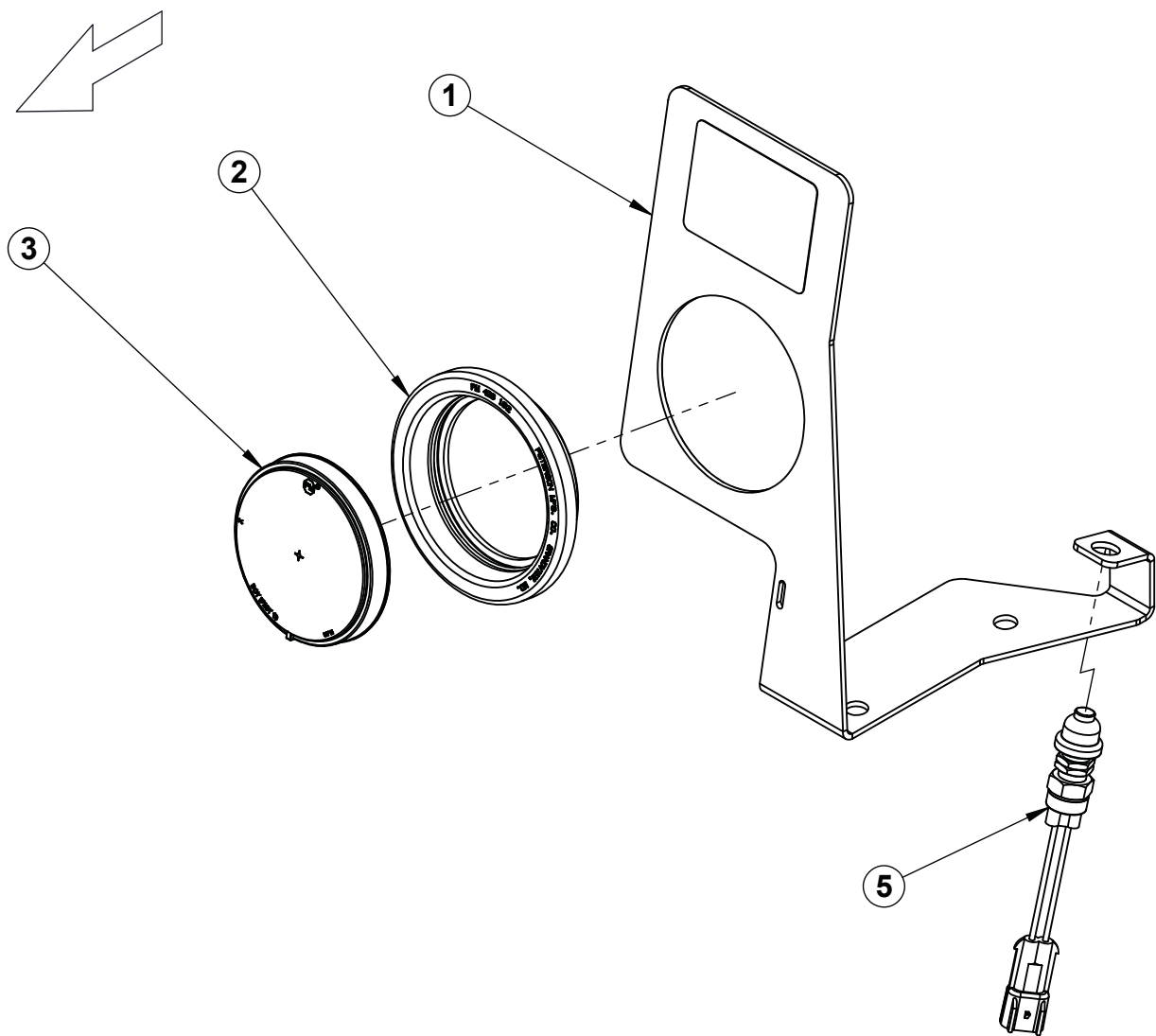


TA01916 Assy, Steering Pivot

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



SECTION A-A
SCALE 1 : 3

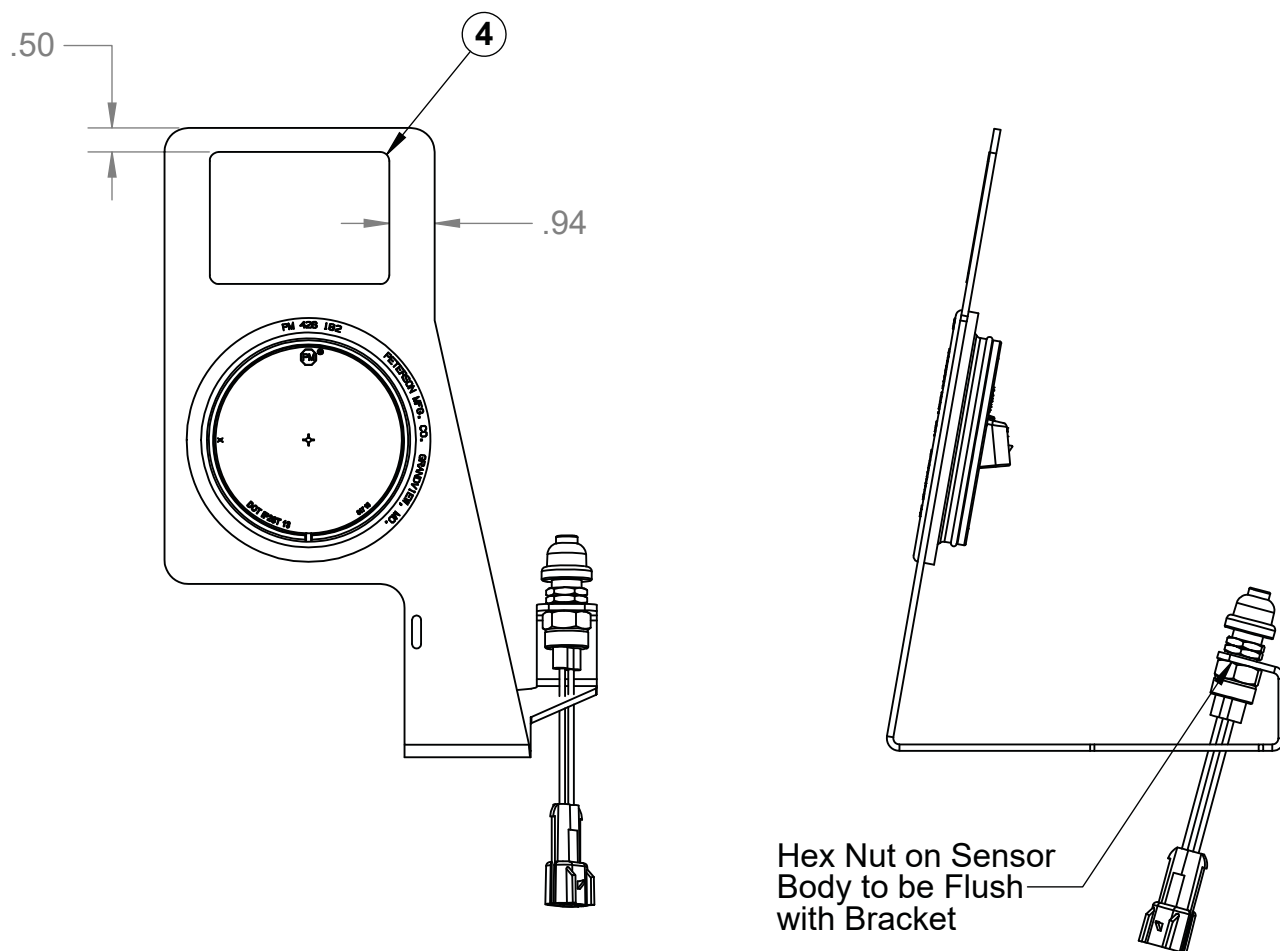


TA02174 Assy, Hitch Latch Indicator

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0056364	Mount, Hitch Latch Indicator	1	
2	T0056206	Grommet, 4" Light	1	
3	T0056340	Light, 4" Red LED Strobe	1	
4	T0056365	Decal, Hitch Latch Indicator	1	
5	T0055680	Plunger Switch	1	

Note:

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



TA02196 – Hose Kit, 60/66' Track Carrier (2000)

Hoses:

Note: Do Not Crimp the Fittings Highlighted in **Yellow**, these will be crimped on site.

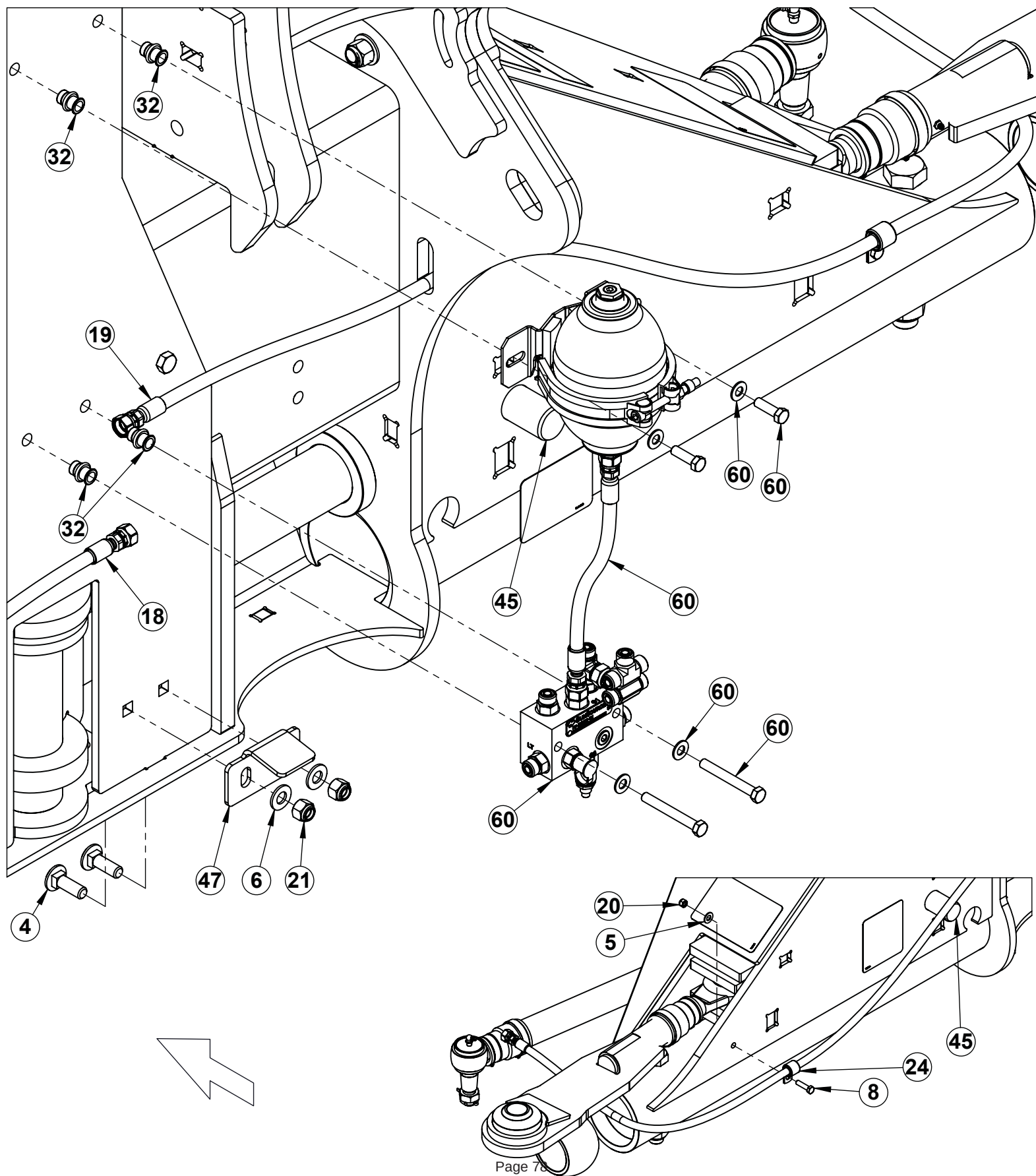
P/N	Qty	Hose Label
HS04-027-06FS-06FS45-D	1	PT-Base-027
HS04-027-06FS-06FS45-D	1	T-Rod-027
HS04-029-06FS-06FS45-D	1	PT-Base-029
HS04-029-06FS-06FS45-D	1	T-Rod-029
HS04-054-04FS-04FS-D	1	CD-BF-054
HS04-156-04FS-04FS-D	1	CD-Comp-156
HS04-250-06FS-06FS-D	1	HL-Base-250
HS04-252-06FS-06FS-D	1	HLX-Rod-252
HS06-160-08FS-08FS-D	1	P-P-160
HS08-140-10FS-10FS-D	1	T-Out-140

Notes:

- All hoses rated to 3000 psi working pressure, 250°F working temperature unless otherwise noted.
- Hose length in inches measured to ends of JIC flare nuts, o-ring face of ORFS ends, and centerline of 90° ends.
- Stamp date of hose manufacture on crimp fitting. Print “Hose Label” descriptor on hose at each end. Additionally print “Hose Label” descriptor on hose in 36” intervals on hoses longer than 72” in total length.

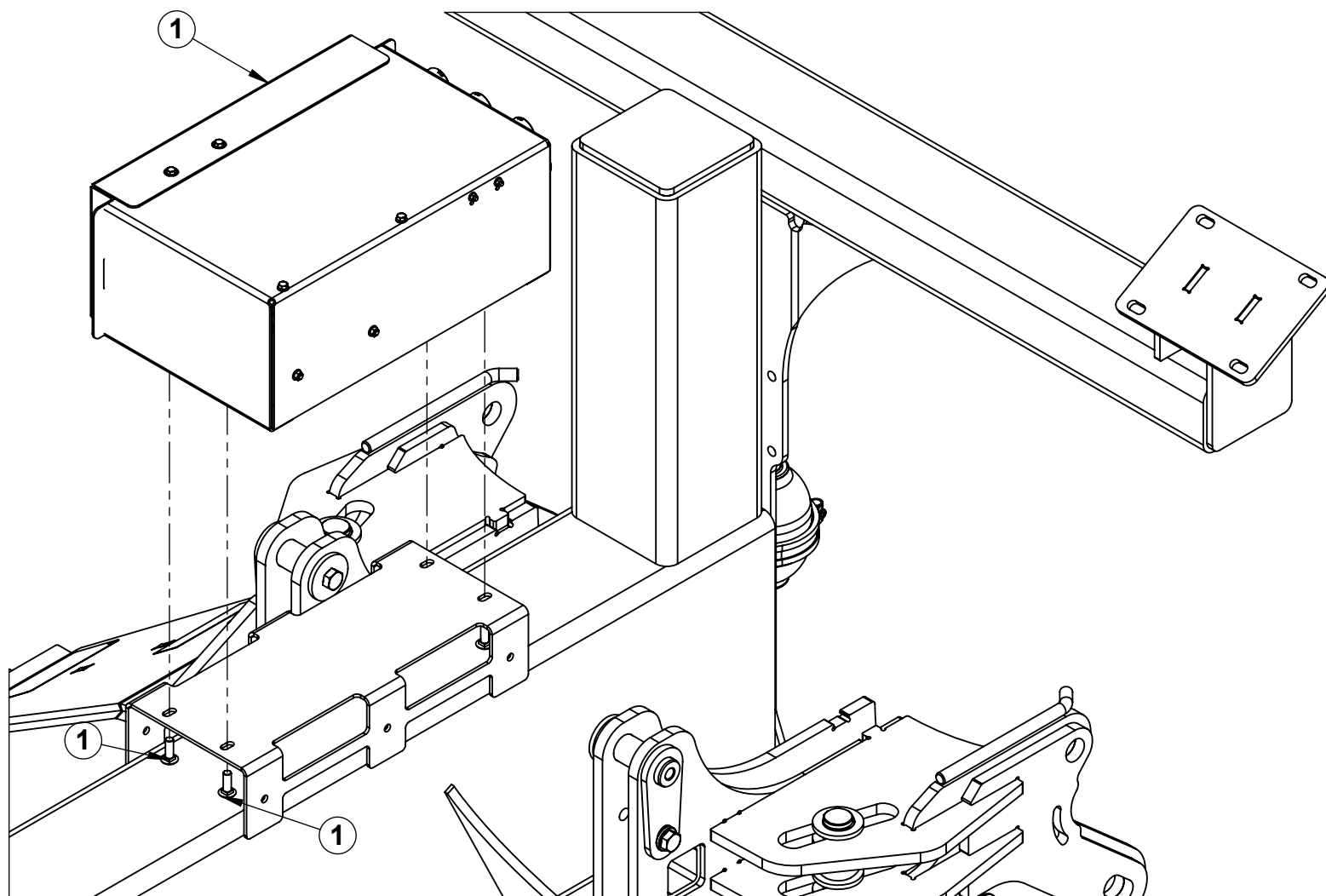
Hose Bags:

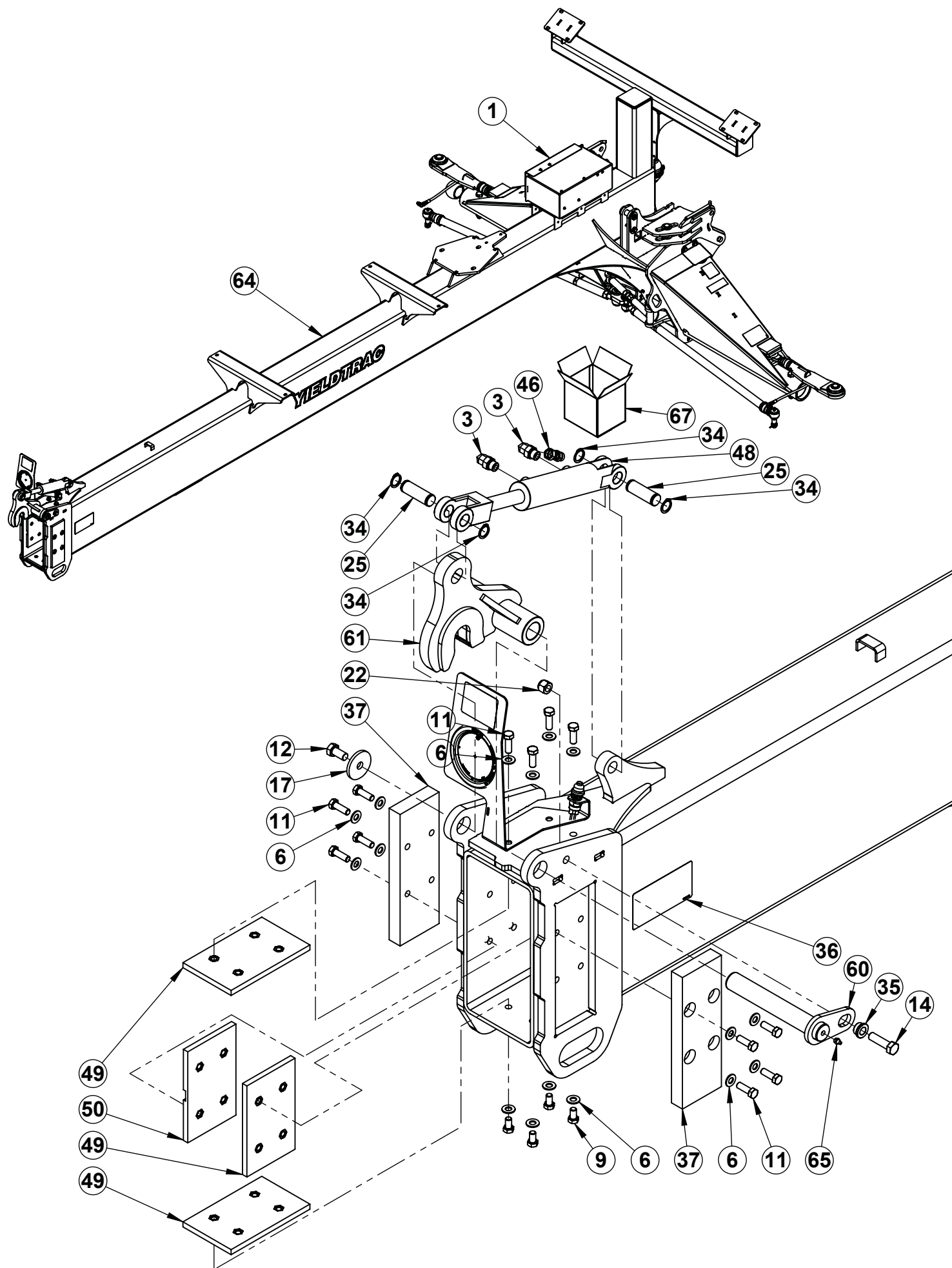
Size	Length (in)	Qty
#20	232	1
#28	120	1



TA01881 Assy, 60/66' Main Frame (120") (Sheet 5 of 5)

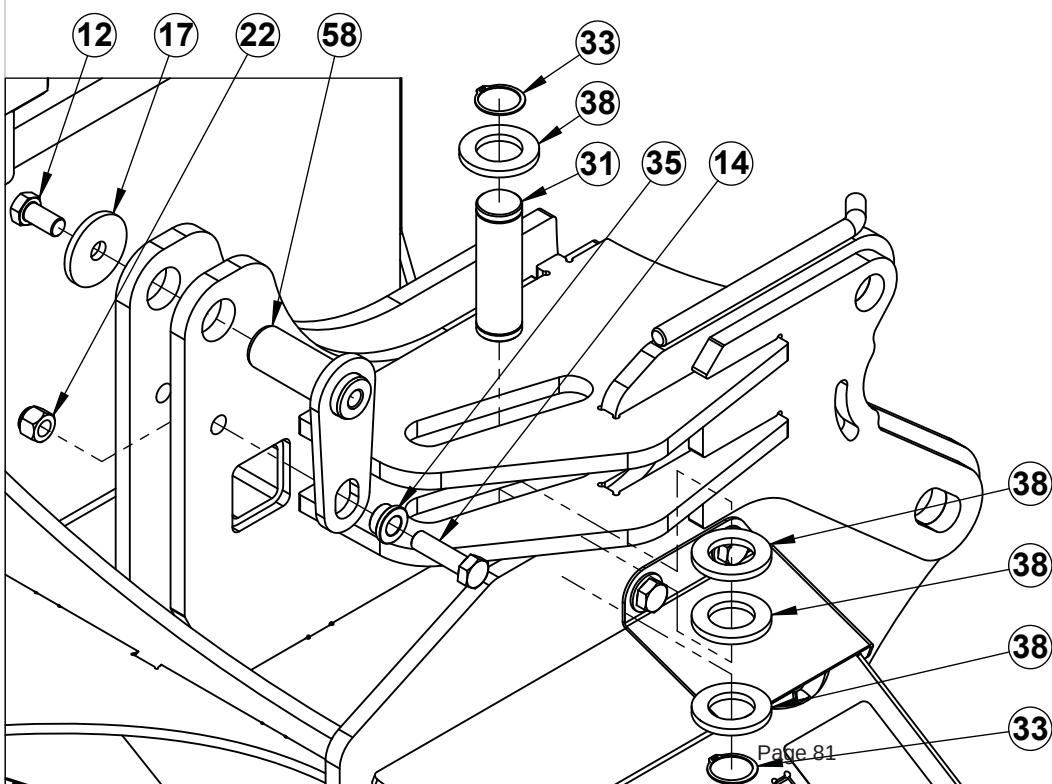
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	48103378	KIT, UCM ASSEMBLY	1	
4	CB-0.500-13X1.50-Y8	Bolt, Carriage 1/2-13x1-1/2 YZ8	2	
5	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	2	
6	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	18	
8	HB-0.313-18X1.25Y8	Bolt, Hex Hd 5/16-18x1-1/4 YZ8	2	
18	HS04-073-06FS-06FS-C	Hose 0.250-073-06FS-06FS-C	1	
19	HS04-073-06FS-06FS-C	HS04-073-06FS-06FS-C	1	
20	NLNUT-0.313-18Y8	Nylon Lock Nut, 5/16-18 YZ8	2	
21	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	2	
24	PCLMP-0.750x0.875	Clamp, Tube 3/4x13/32	2	
32	RN-0.375-16-.31-.44-Y	Rivet Nut, 3/8-16x0.31-0.44 YZ	4	
45	T0055290	Pin, Shipping Lock	2	
47	T0056047	Bracket, Striker	1	
60	TA01921	Assy, Track Tension Valve	1	
69	TA02174	Assy, Hitch Latch Indicator	1	
70	TA02196	Hose Kit - Marker, TM24R22	1	
71	T0056604	Decal, Track Alignment	2	
72	T0056605	Decal, Camber Lock Pin Removal	2	
73	T0056606	Decal, Track Toe Adjustment	1	

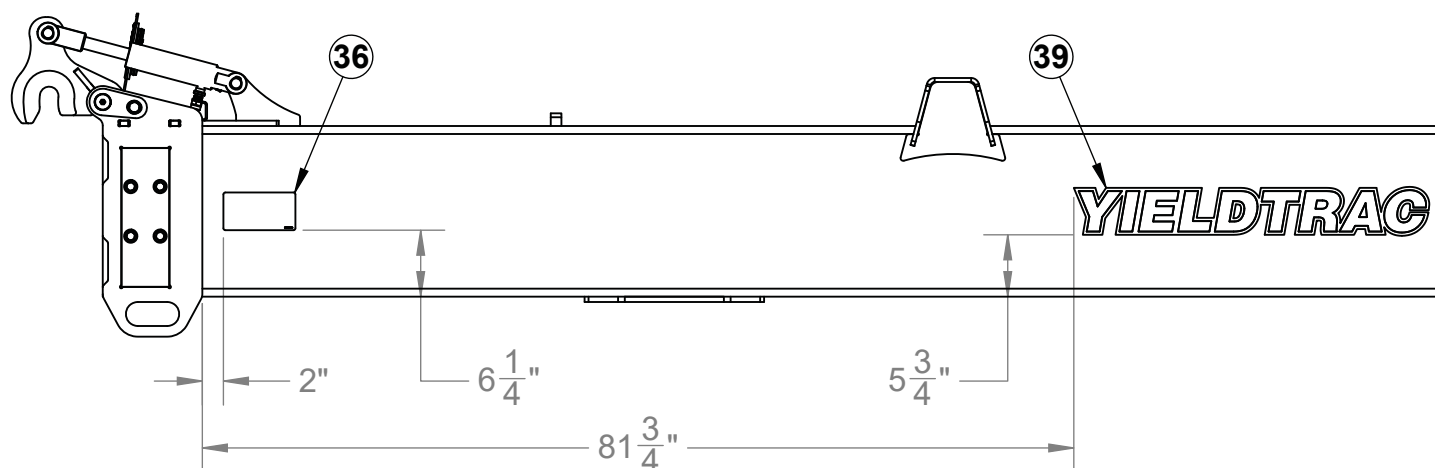
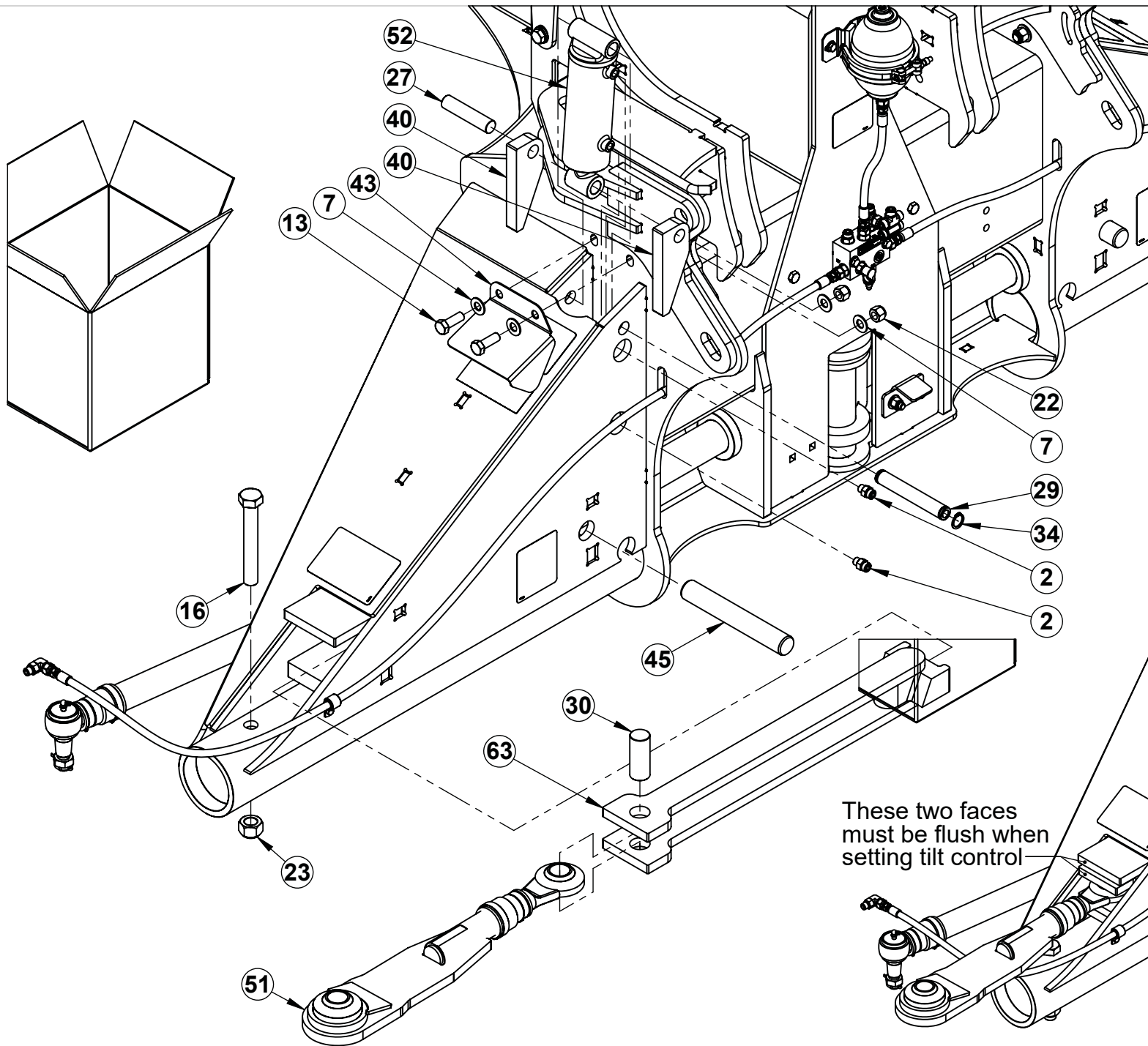




TA01882 Assy, 60/66' Main Frame (132")

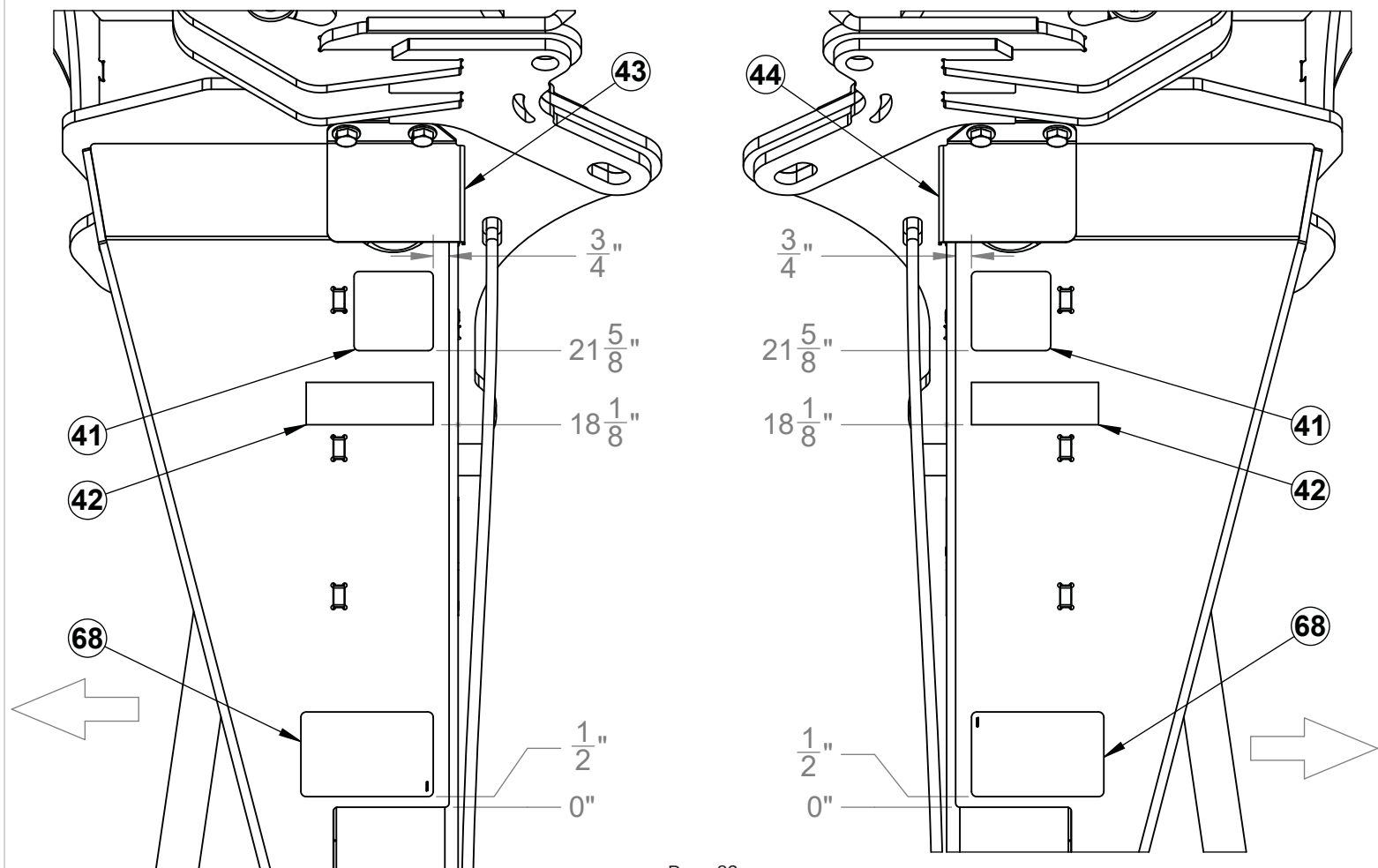
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	48103378	KIT, UCM ASSEMBLY	1	
3	AD-06MFS-08MB-90	Adapter, 06MFS-08MB 90	2	
6	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	18	
9	HB-0.500-13X0.88Y8	Bolt, Hex Hd 1/2-13x7/8 YZ8	4	
10	HB-0.500-13X1.38Y8	Bolt, Hex Hd 1/2-13x1-3/8 YZ8	2	
11	HB-0.500-13X1.50Y8	Bolt, Hex Hd 1/2-13x1-1/2 YZ8	10	
12	HB-0.625-11X1.25Y8	Bolt, Hex Hd 5/8-11x1-1/4 YZ8	3	
14	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	5	
17	HDWSH-0.64X2.50Y	HD Washer, 41/64x2-1/2 YZ	3	
22	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	10	
25	PIN-1.000X2.63Y	Pin, 1x2-5/8 YZ	2	
31	PIN-1.438X4.25Y	Pin, 1-7/16x4-1/4 YZ	2	
33	SRING-EXT-1.44	Retaining Ring, External 1-7/16	4	
34	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	10	
35	T0050854	Anti Rotation Insert	6	
36	T0051588	Decal, Warning - Crush Hazard	2	
37	T0052579	Slider Block	2	
38	T0052610	Washer, Control Link	8	
46	T0055981	AD-06MFS-06FST w/.062 ORF	1	
48	TA00632	Cylinder, Hyd 2.00X4.00	1	
49	TA00801	Assy, Slider	3	
50	TA00843	Assy, Slider	1	
58	TW000630	Pin Weldment	2	
60	TW001050	Pin Weldment	1	
61	TW001150	Wldmt, Hitch Latch	1	
64	TW001429	Wldmt, 60/66' Main Frame (132")	1	
65	ZERK-0.125-27-NPT	Zerk, 1/8-27 NPT	1	
66	TA02174	Assy, Hitch Latch Indicator	1	
67	TA02196	Hose Kit - Marker, TM24R22	1	

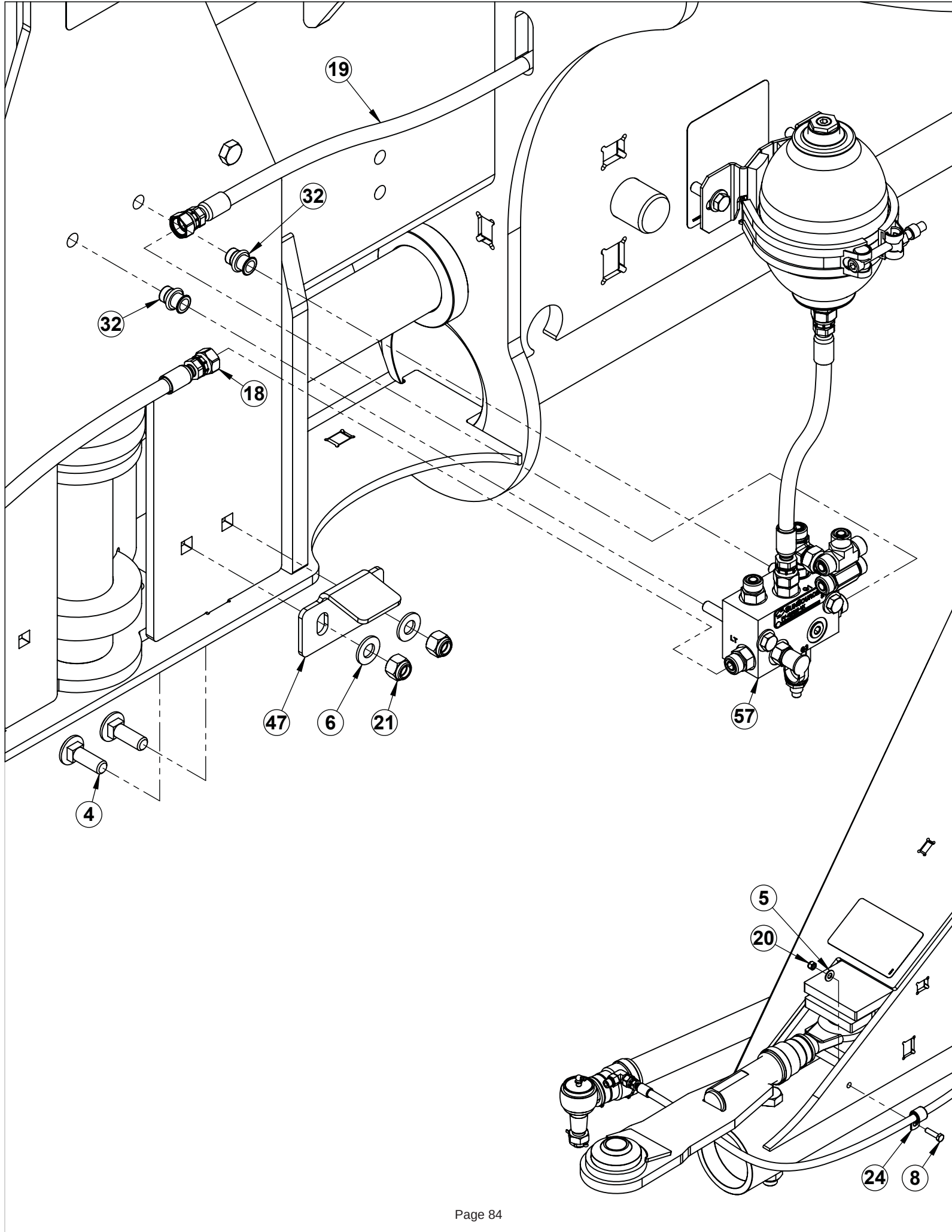




TA01882 Assy, 60/66' Main Frame (132")

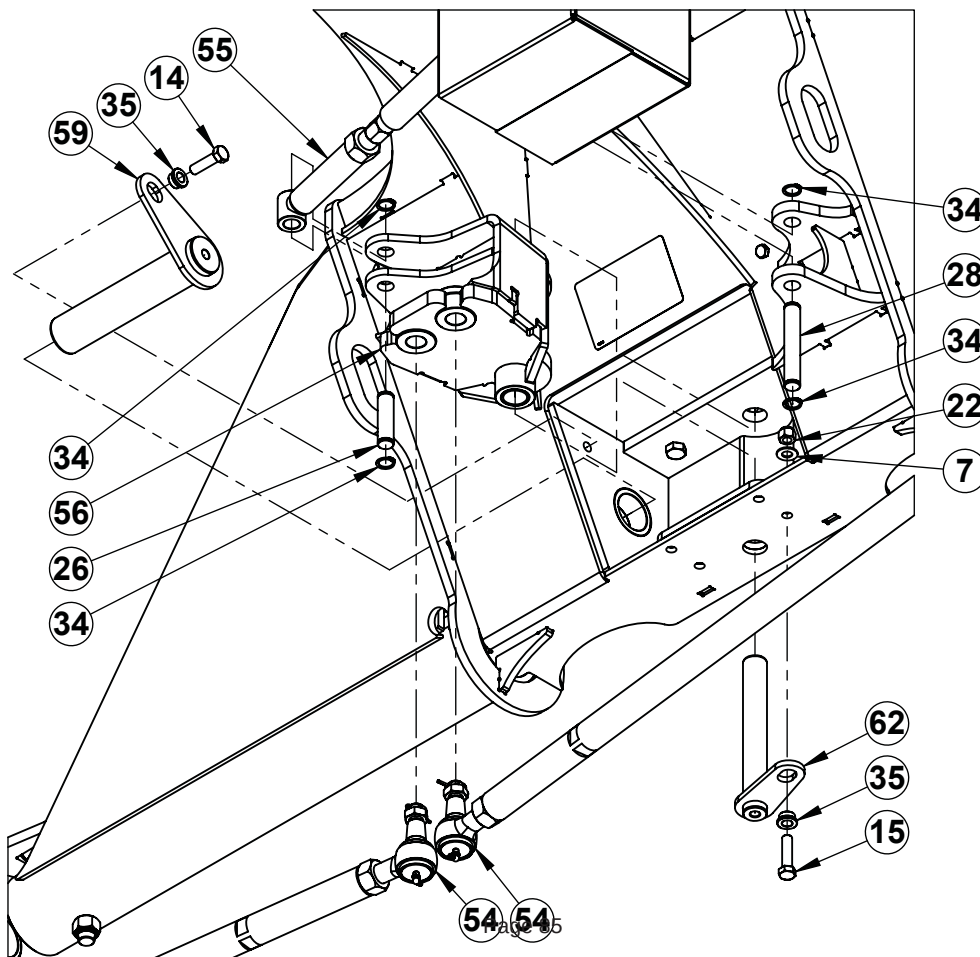
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
2	AD-06MFS-06MB	Adapter, 06MFS-06MB	4	
7	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	9	
13	HB-0.625-11X1.75Y8	Bolt, Hex Hd 5/8-11x1-3/4 YZ8	4	
16	HB-1.000-8X7.00Y8	Bolt, Hex Hd 1-8x7 YZ8	2	
22	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	10	
23	NLNUT-1.000-8Y8	Nylon Lock Nut, 1-8 YZ8	2	
27	PIN-1.000X4.63Y	Pin, 1x4-5/8 YZ	2	
29	PIN-1.000X6.125Y	Pin, 1x6-1/8 YZ	2	
30	PIN-1.438X3.50Y	Pin, 1-7/16x3-1/2 YZ	2	
34	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	10	
36	T0051588	Decal, Warning - Crush Hazard	2	
39	T0054236	Decal, Yieldtrac 4.4x33.3	2	
40	T0054616	Stop Insert	4	
41	T0054707	Decal, Warn-Crush Haz Mn Lift	2	
42	T0054708	Decal, 320 Lug Torque	2	
43	T0054904	Cylinder Cover, LH	1	
44	T0054905	Cover, RH Cylinder	1	
45	T0055290	Pin, Shipping Lock	2	
51	TA01117	Tilt Control Assembly	2	
52	TA01235	Cylinder, Tilt Stop	1	
63	TW001265	Wldmt, 132" Stop Block	2	
68	T0056604	Decal, Track Alignment	2	

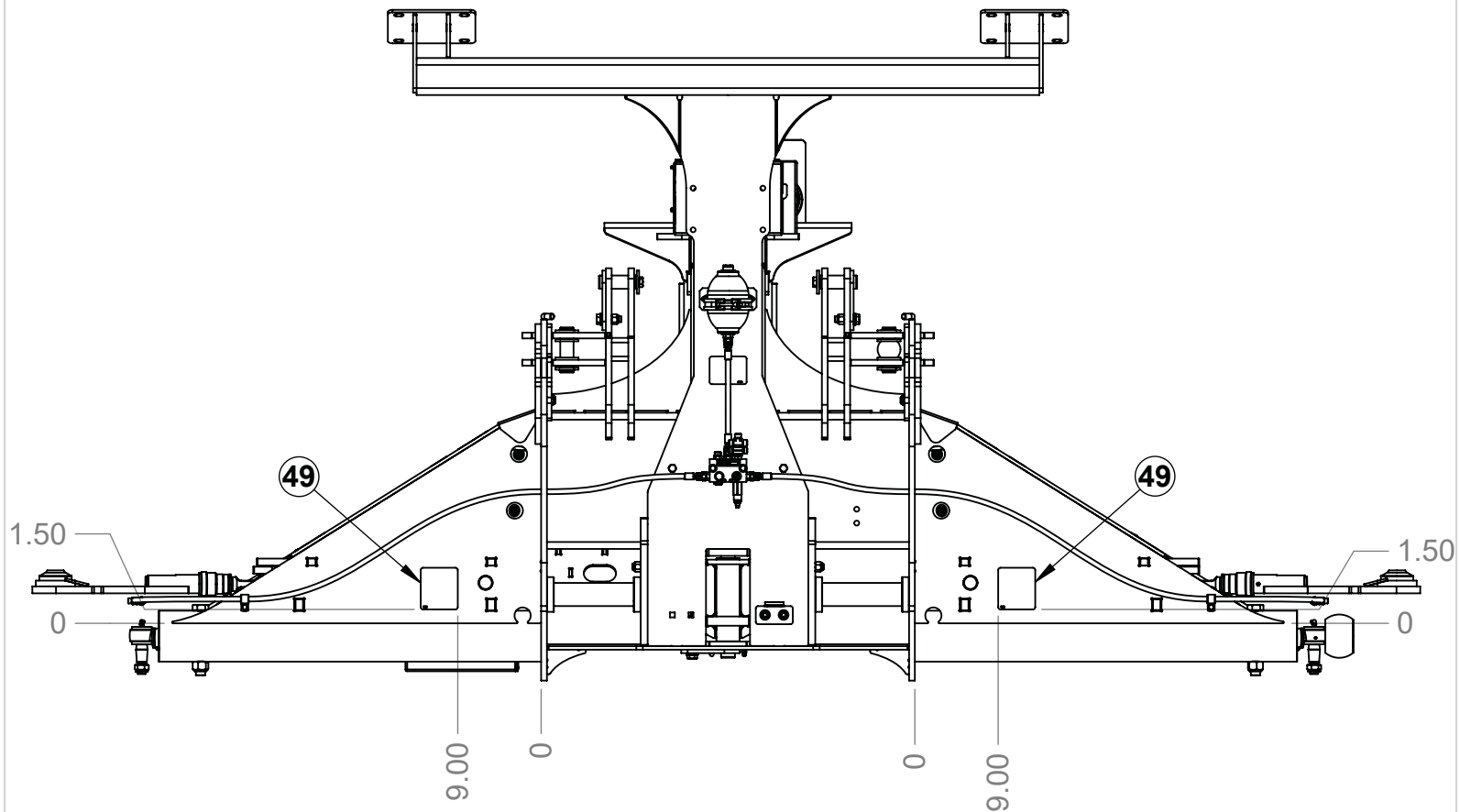
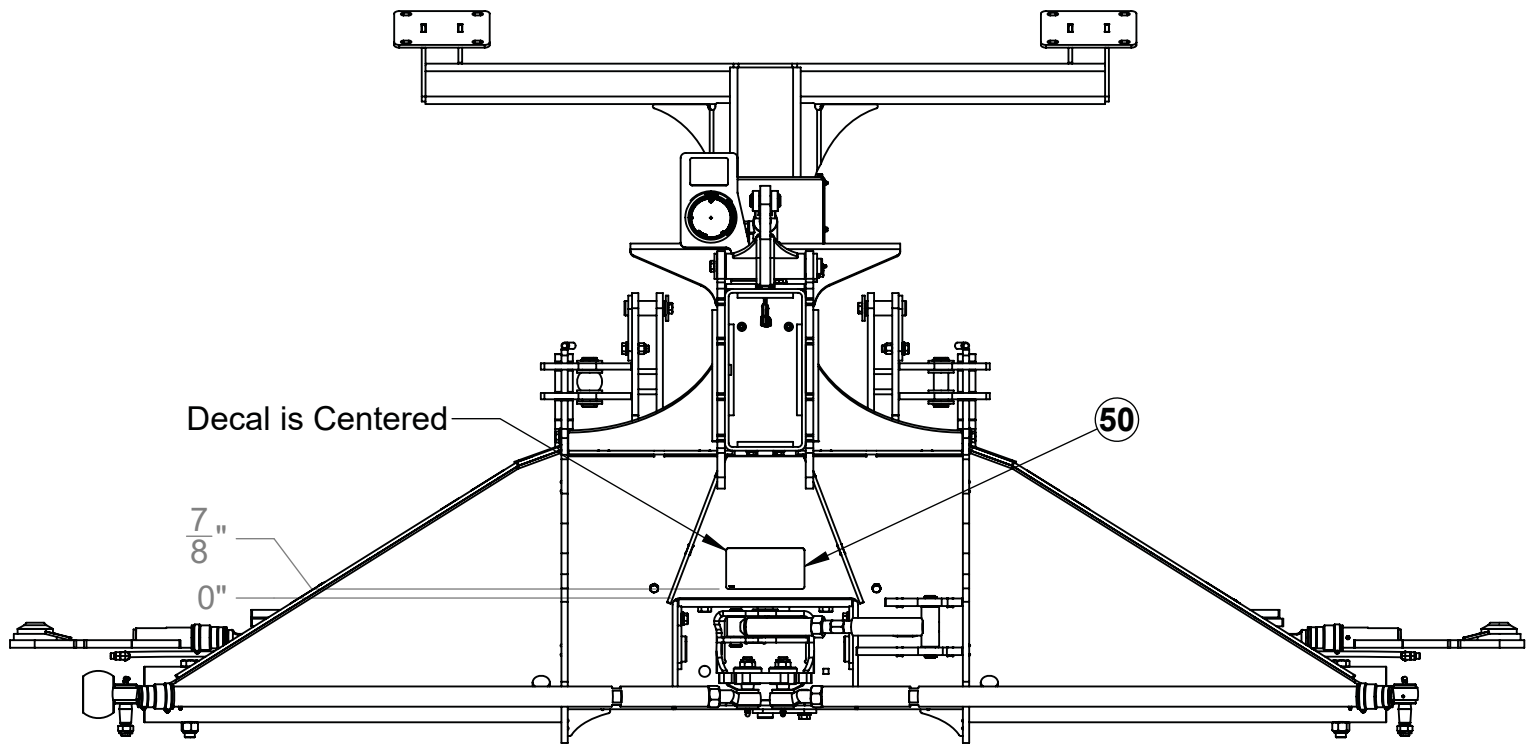




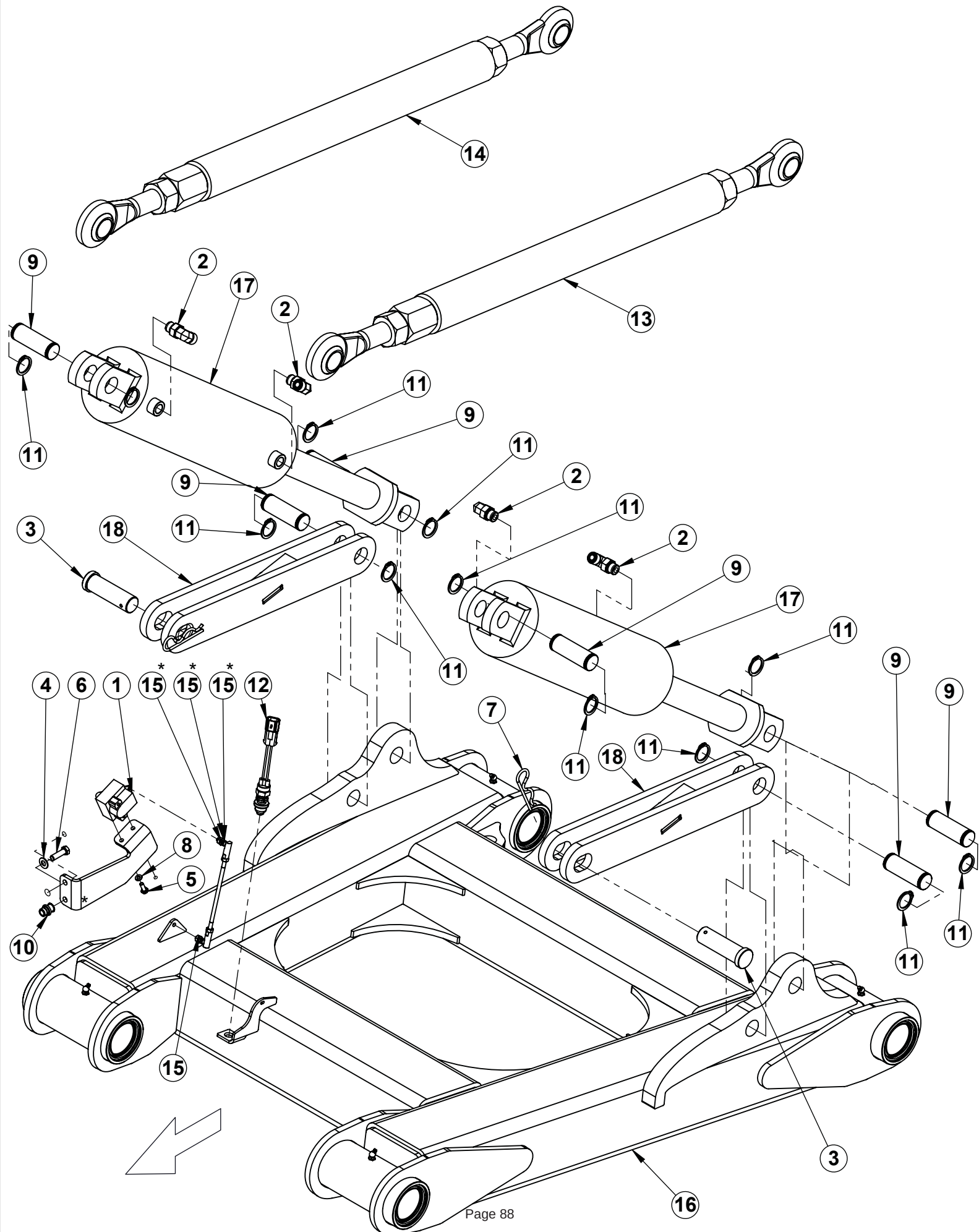
TA01882 Assy, 60/66' Main Frame (132")

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
4	CB-0.500-13X1.50-Y8	Bolt, Carriage 1/2-13x1-1/2 YZ8	2	
5	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	2	
6	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	18	
7	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	9	
8	HB-0.313-18X1.25Y8	Bolt, Hex Hd 5/16-18x1-1/4 YZ8	2	
14	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	5	
15	HB-0.625-11X2.50Y8	Bolt, Hex Hd 5/8-11x2-1/2 YZ8	1	
18	HS04-079-06FS-06FS-C	Hose 0.25-079-06FS-06FS-STC	1	
19	HS04-079-06FS-06FS-C	Hose 0.25-079-06FS-06FS-STC	1	
20	NLNUT-0.313-18Y8	Nylon Lock Nut, 5/16-18 YZ8	2	
21	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	2	
22	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	10	
24	PCLMP-0.750x0.875	Clamp, Tube 3/4x13/32	2	
26	PIN-1.000X3.38Y	Pin, 1x3-3/8 YZ	1	
28	PIN-1.000X5.75Y	Pin, 1x5-3/4 YZ	1	
32	RN-0.375-16-.31-.44-Y	Rivet Nut, 3/8-16x0.31-0.44 YZ	4	
34	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	10	
35	T0050854	Anti Rotation Insert	6	
47	T0056047	Bracket, Striker	1	
54	TA01582	132 Inch Tie Rod Assy	2	
55	TA01637	Assy, Turnbuckle	1	
56	TA01916	Assy, Steering Pivot	1	
57	TA01921	Assy, Track Tension Valve	1	
59	TW001012	Pin Weldment	2	
62	TW001170	Pin Weldment	1	
66	TA02174	Assy, Hitch Latch Indicator	1	





TA01882 Assy, 60/66' Main Frame (132")				
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
49	T0056605	Decal, Camber Lock Pin Removal	2	
50	T0056606	Decal, Track Toe Adjustment	1	

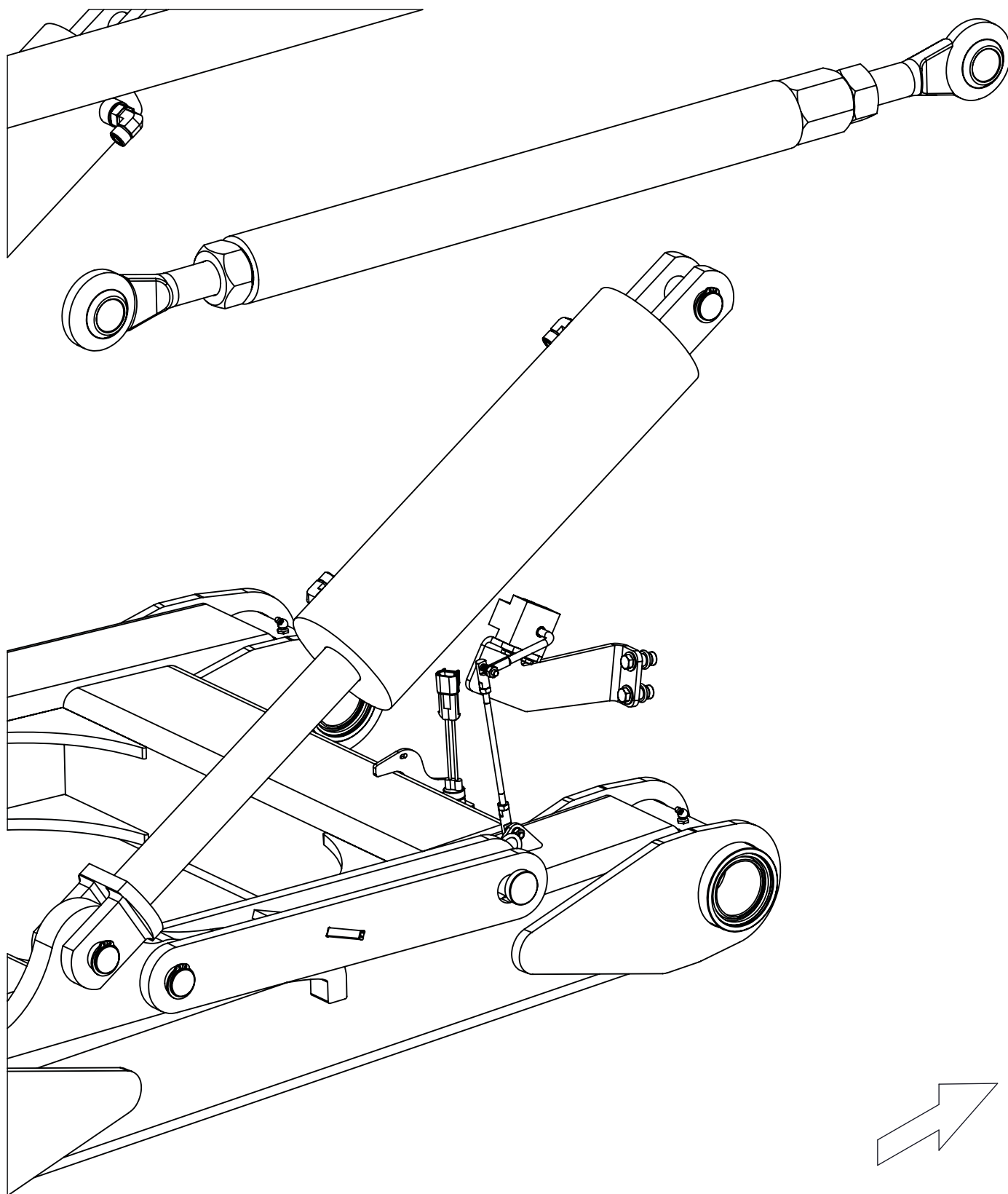


TA02255 Assy, Main Lift (5.0" Cylinder)

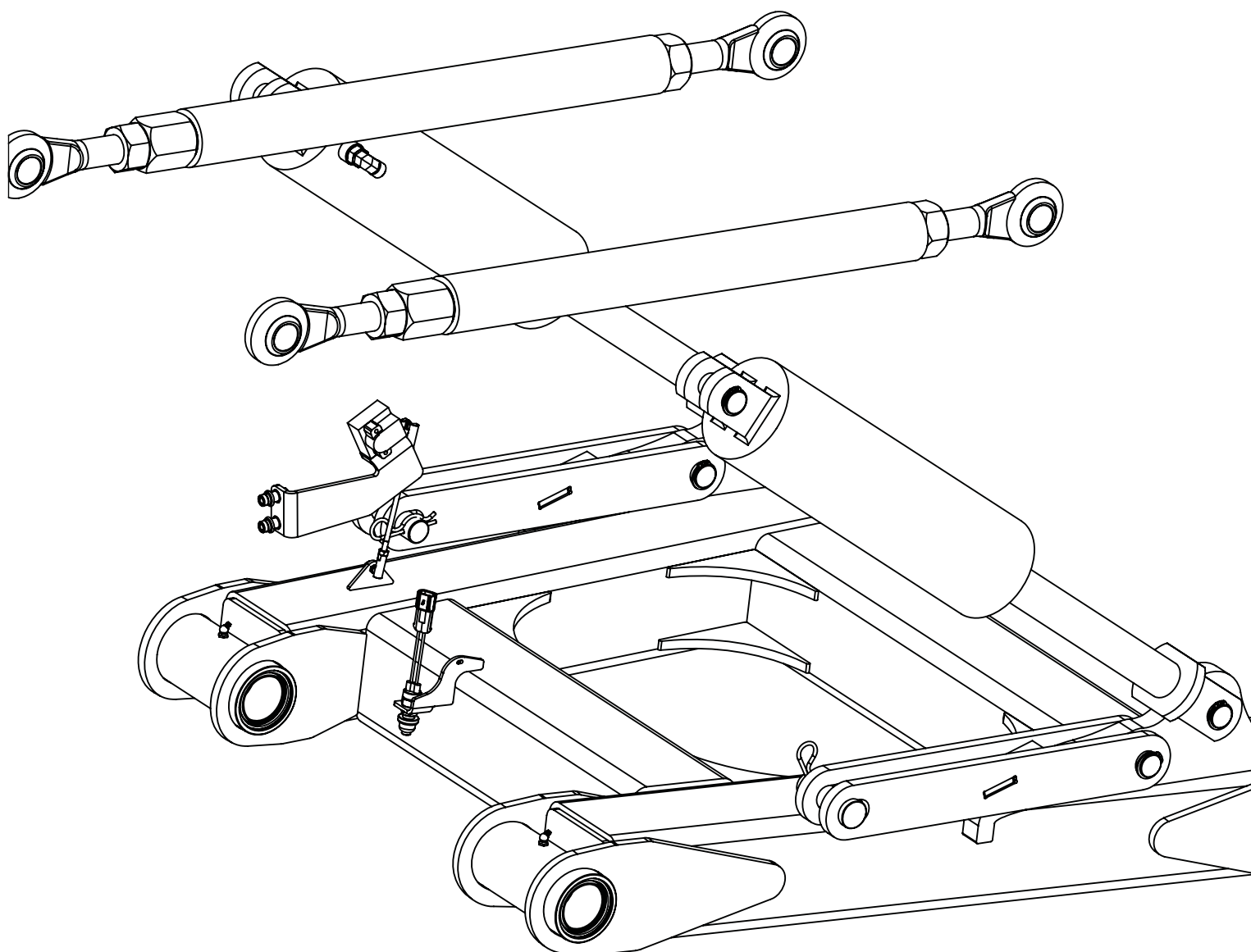
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	404202A1	Sensor, Rotary Position (CIH Kit)	1	
2	AD-08MFS-08MB-90	Adapter, 08MFS-08MB 90	4	
3	CLPIN-1.250X4.00Y	Clevis Pin, 1-1/4x4 YZ	2	
4	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	2	
5	HB-0.250-20X0.75Y8	Bolt, Hex Hd 1/4-20x3/4 YZ8	2	
6	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	2	
7	HPINCLIP-1.250Y	Hair Pin Clip, 1-1/4 YZ	2	
8	LW-0.250Y	Washer, Split Lock 1/4 YZ	2	
9	PIN-1.250X3.25Y	Pin, 1-1/4x3-1/4 YZ	6	
10	RN-0.375-16-.31-.44-Y	Rivet Nut, 3/8-16x0.31-0.44 YZ	2	
11	SRING-EXT-HD-1.25Y	Retaining Ring, External 1-1/4 HD YZ	12	
12	T0055680	Plunger Switch	1	
13	TA00613	Upper Link Assy	1	
14	TA00613	Upper Link Assy	1	
15	TA00630	Assy, Position Sensor Link	1	
16	TA01214	Assy, Main Lift	1	
17	90-39-0080	Cylinder, Hyd 5.00X14.00 Reph	2	
18	TW001171	Wldmt, Cylinder Stop Link	2	
19	T0056267	Bracket, Height Sensor	1	

Note:

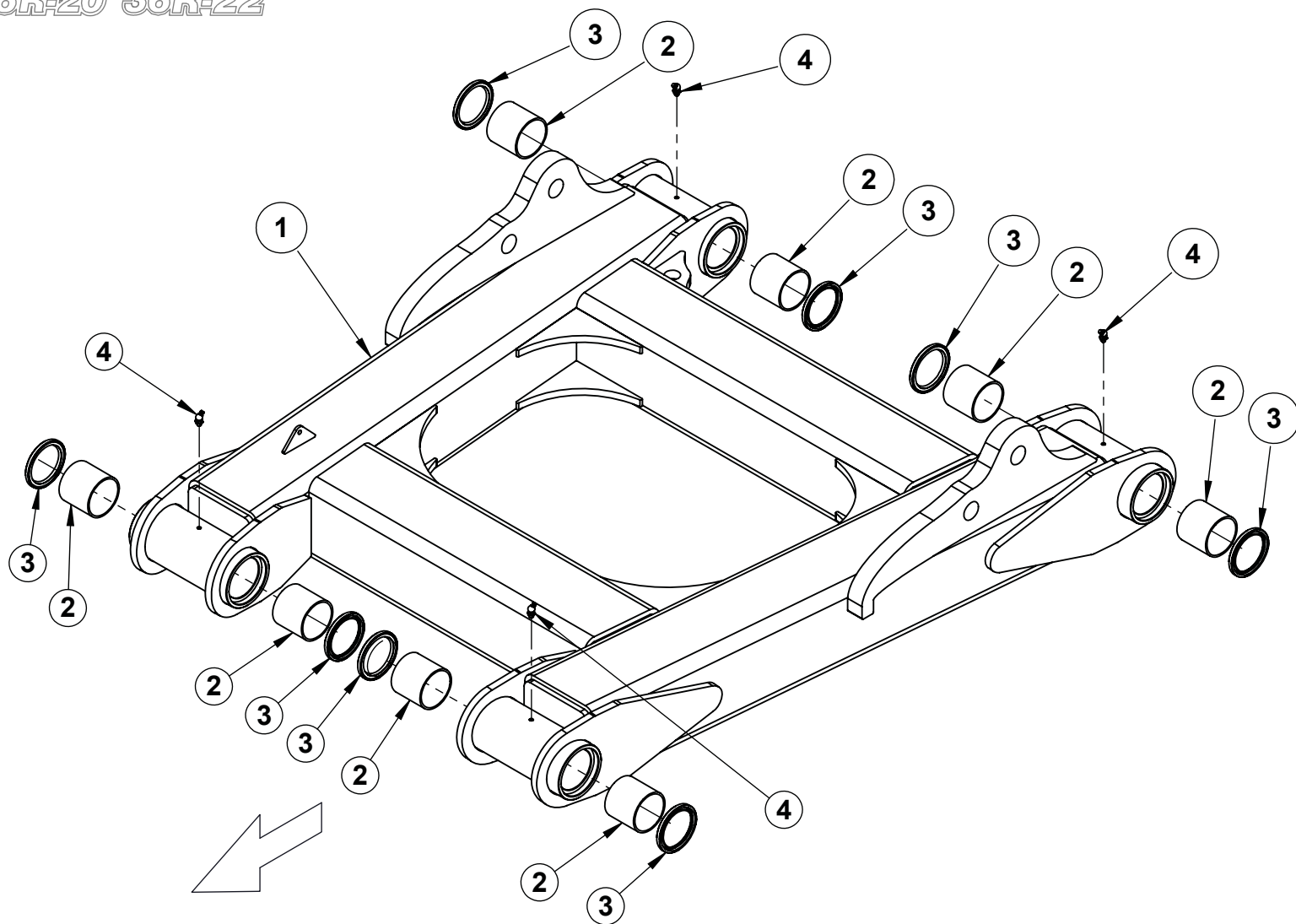
1. * Items marked with an asterisk are items that are included in that particular part or assembly.



Assembled View(Right Side of Machine)



Assembled View(Left Side of Machine)

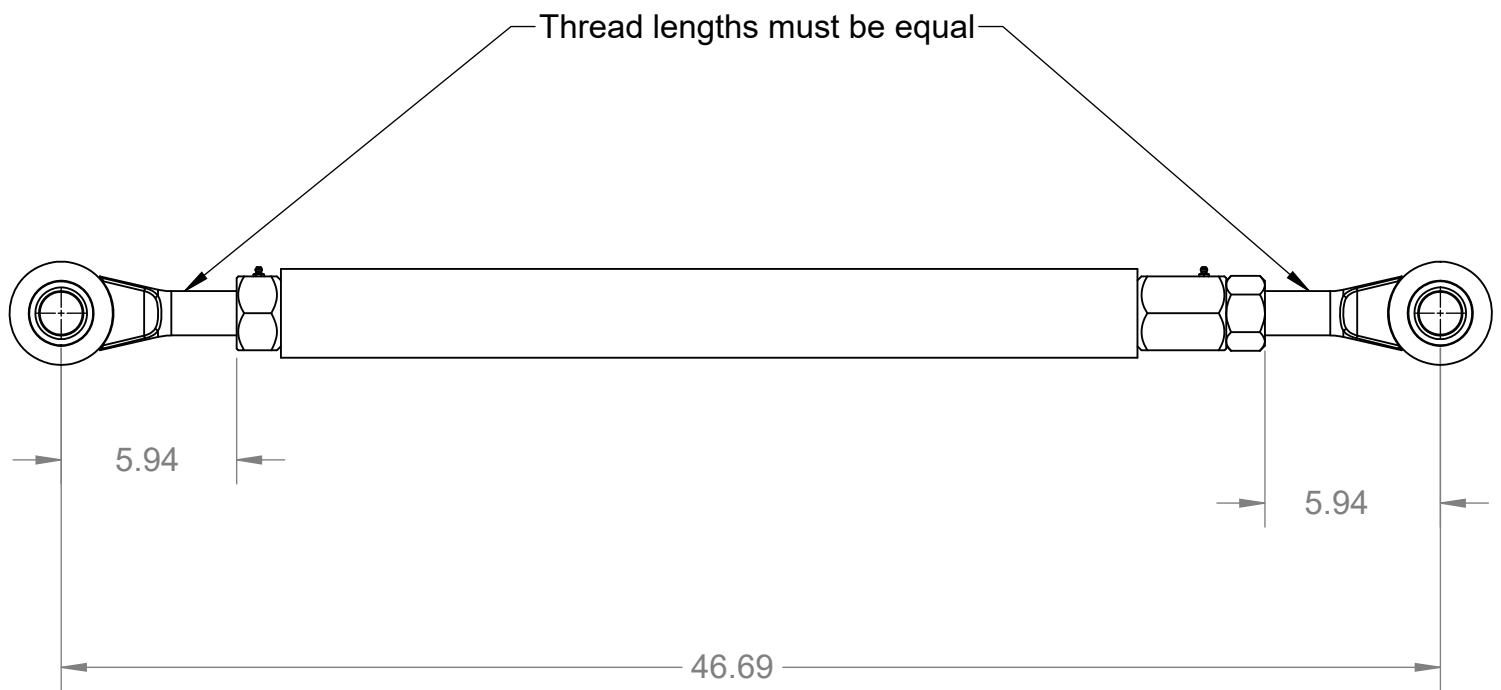
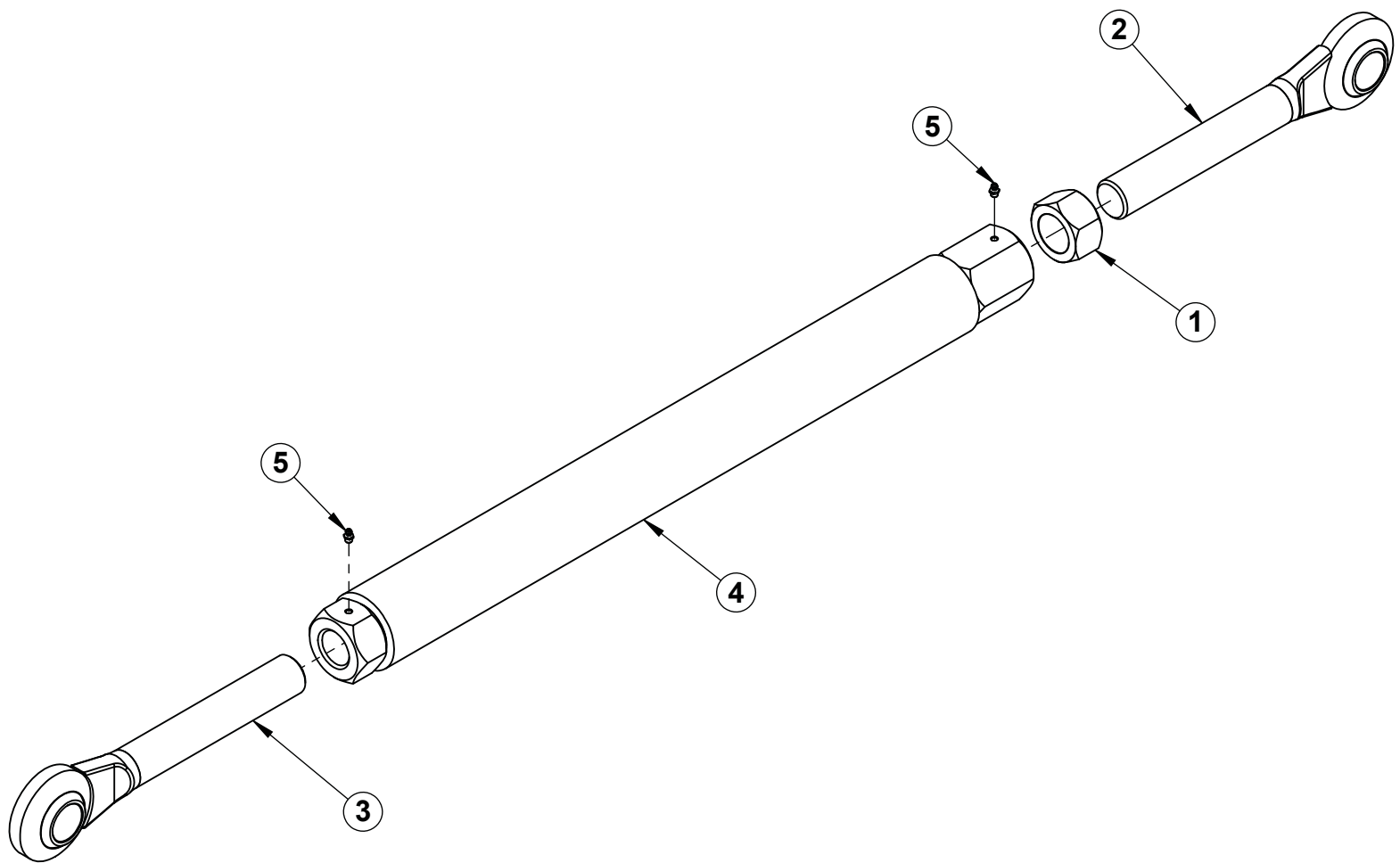


TA01214 Assy, Main Lift

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

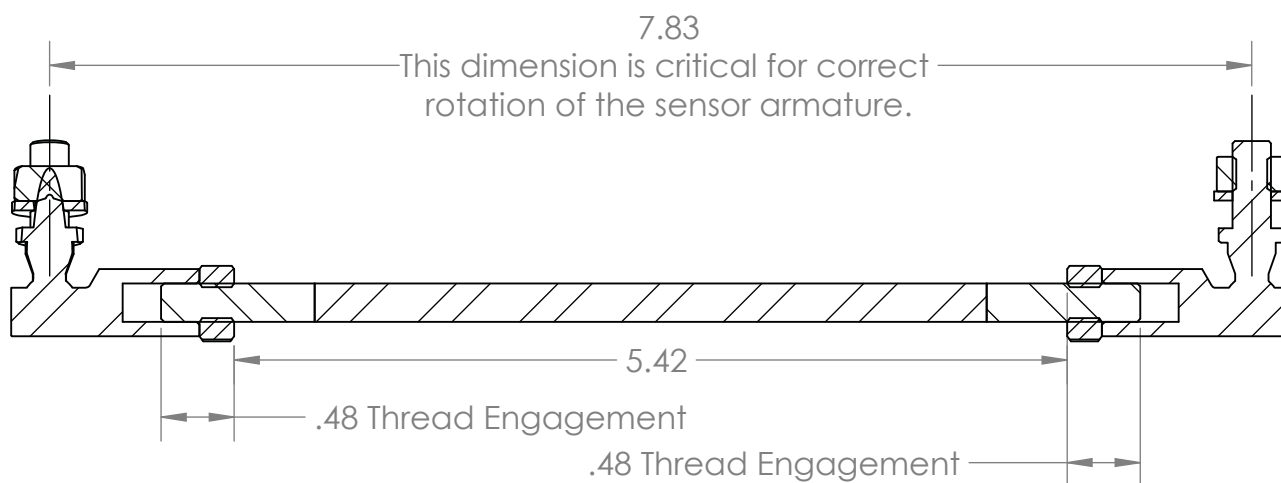
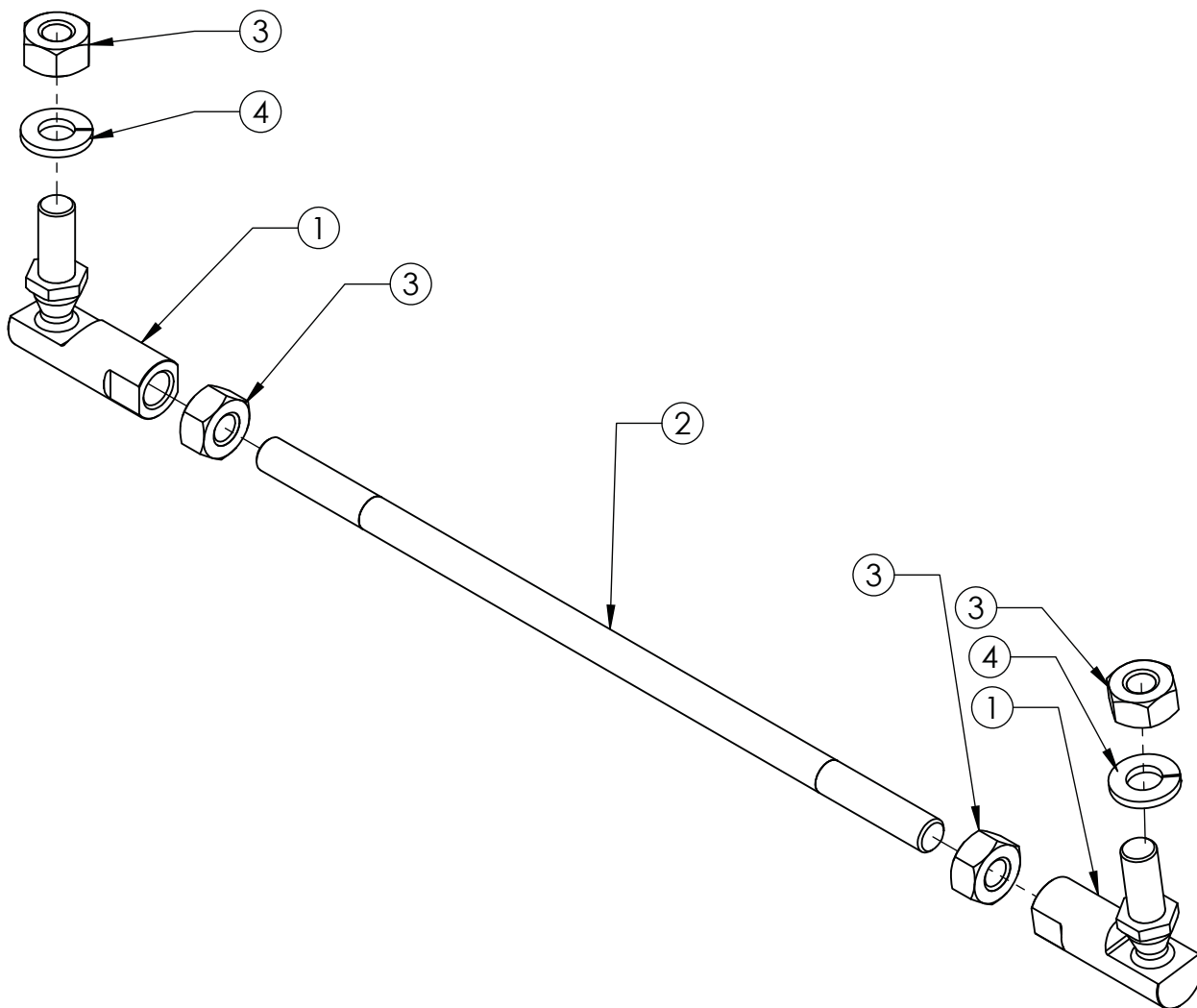
Note:

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



TA00613 Upper Link Assy

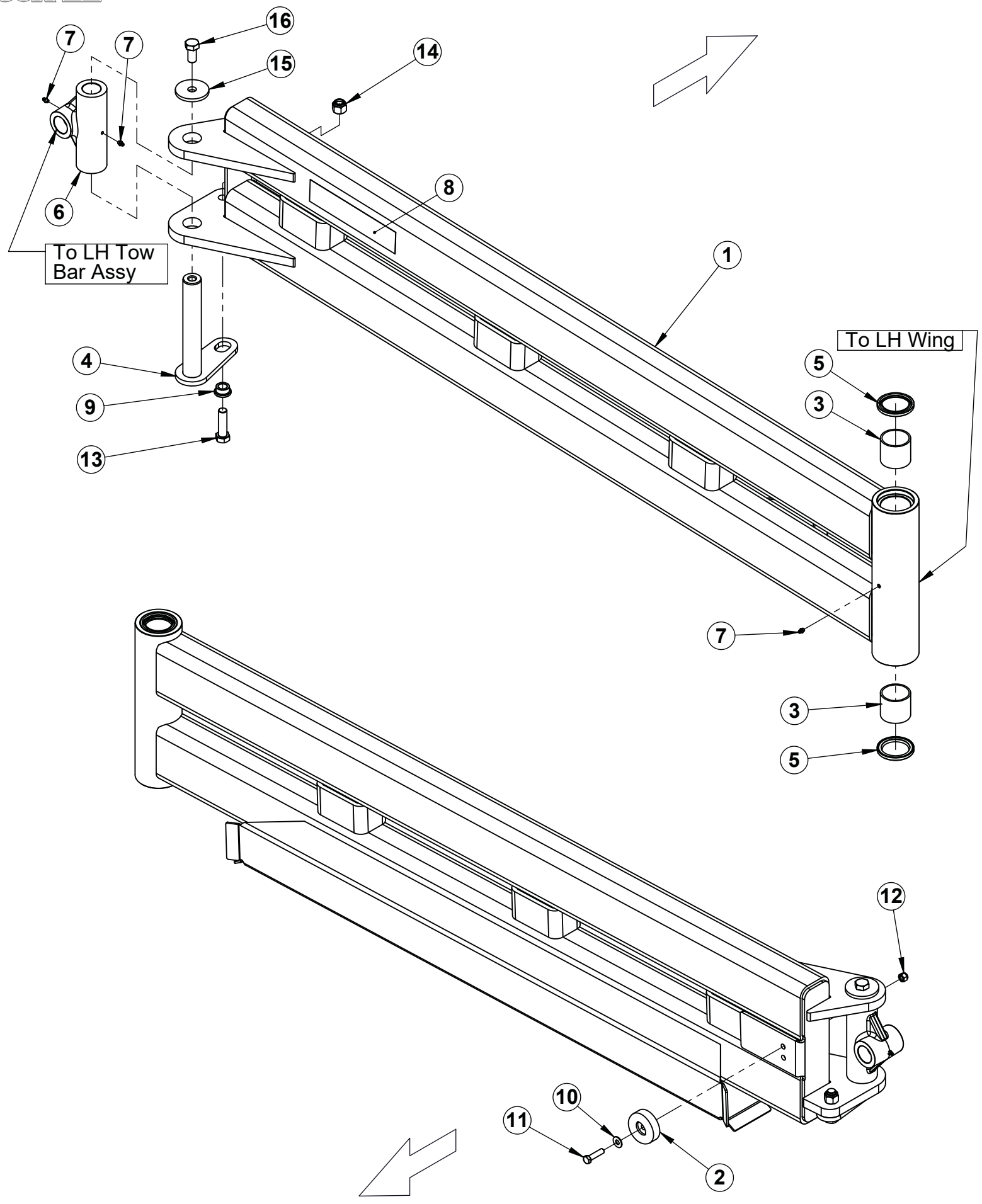
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HNUT-1.500-6Y8	Nut, Hex 1-1/2-6 YZ8	1	
2	T0051213	RH End Link	1	
3	T0051214	LH End Link	1	
4	TW000618	Upper Link Weldment	1	
5	ZERK-0.250-28	Zerk, 1/4-28	2	



SECTION A-A
SCALE 1 : 1.25

TA00630 Assy, Position Sensor Link

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

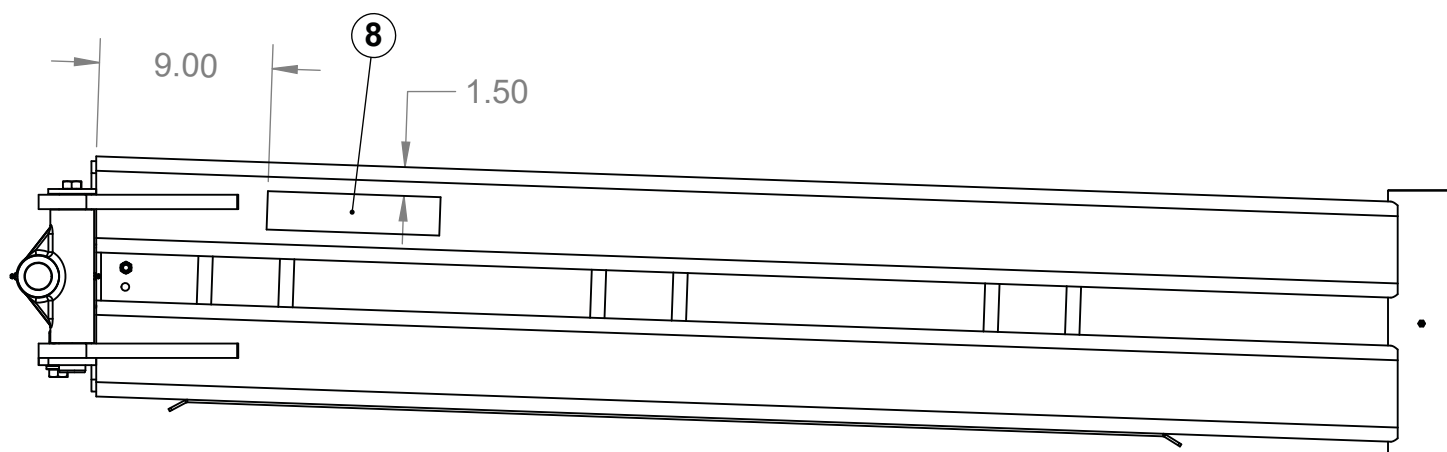


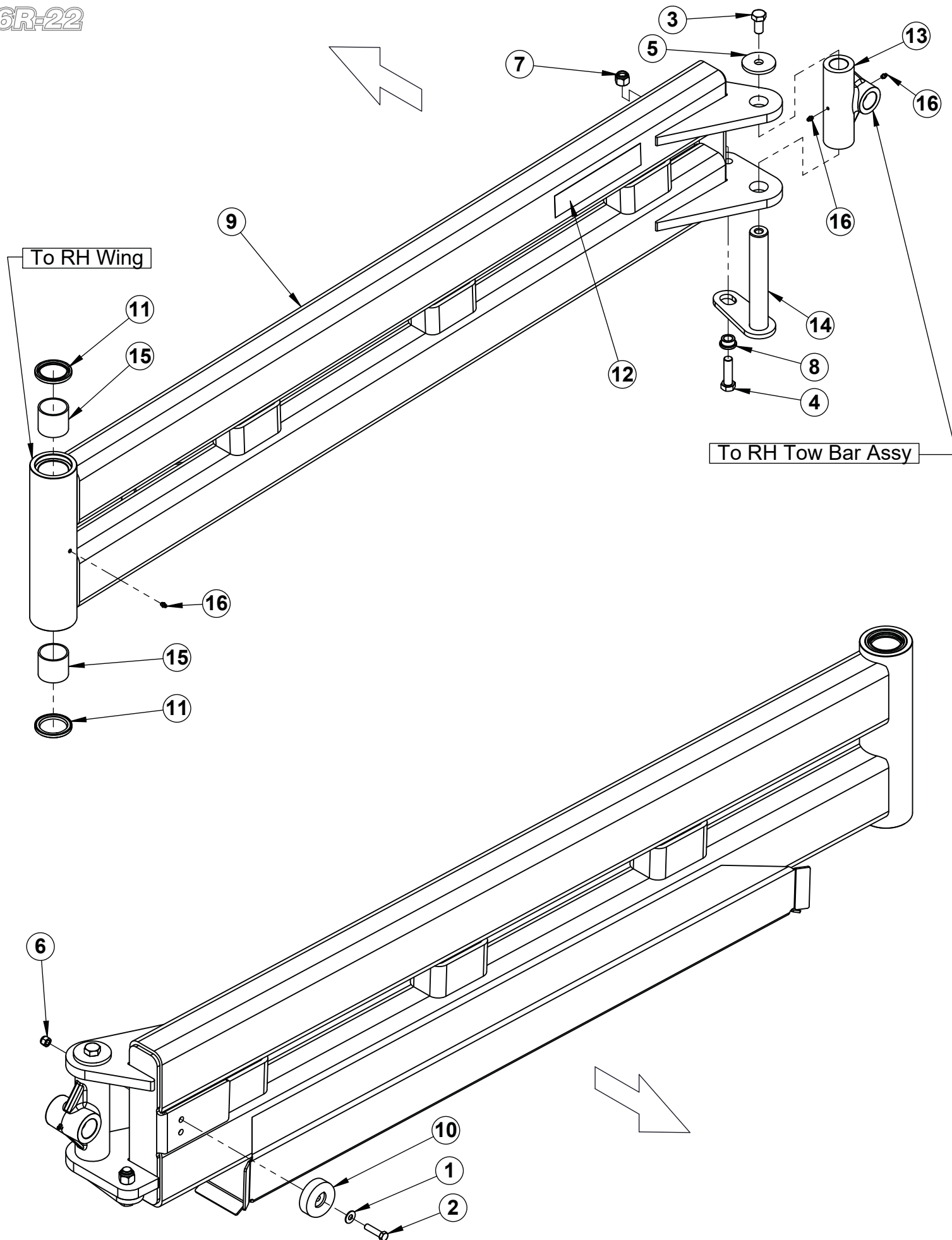
TA01360 Assy, Tow Bar Gate - LH

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TW001215	Wldmt, LH Towbar Gate	1	
2	T0051481	Rubber Stop	1	
3	PB-2.000X2.25X2.00	Polylube Bush, Ø2.00xØ2.25x2.00	2	
4	TW000761	Pin Weldment	1	
5	T0051585	2.00 Grease Seal	2	
6	T0052223	Tow Bar Knuckle Machined	1	
7	ZERK-0.250-28	Zerk, 1/4-28	3	
8	T0051729	Decal, Reflector, Yellow-2x9	1	
9	T0050854	Anti Rotation Insert	1	
10	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	1	
11	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	1	
12	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	1	
13	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
14	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	1	
15	HDWSH-0.64X2.50Y	HD Washer 0.64 x 2.50	1	
16	HB-0.625-11X1.25Y8	Bolt, Hex Head-5/8-11x1.25-YZ8	1	

Note:

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



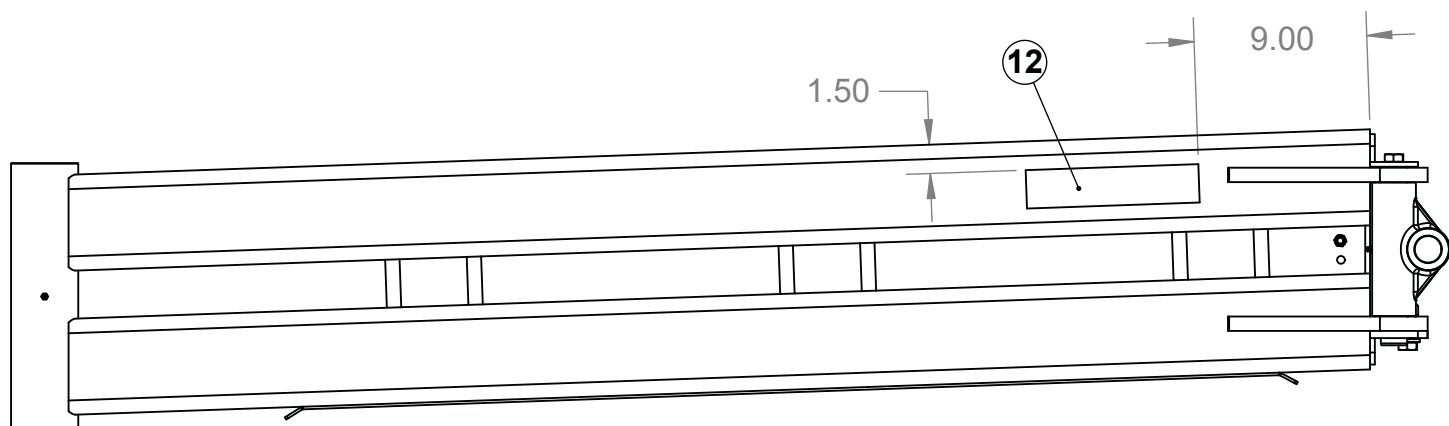


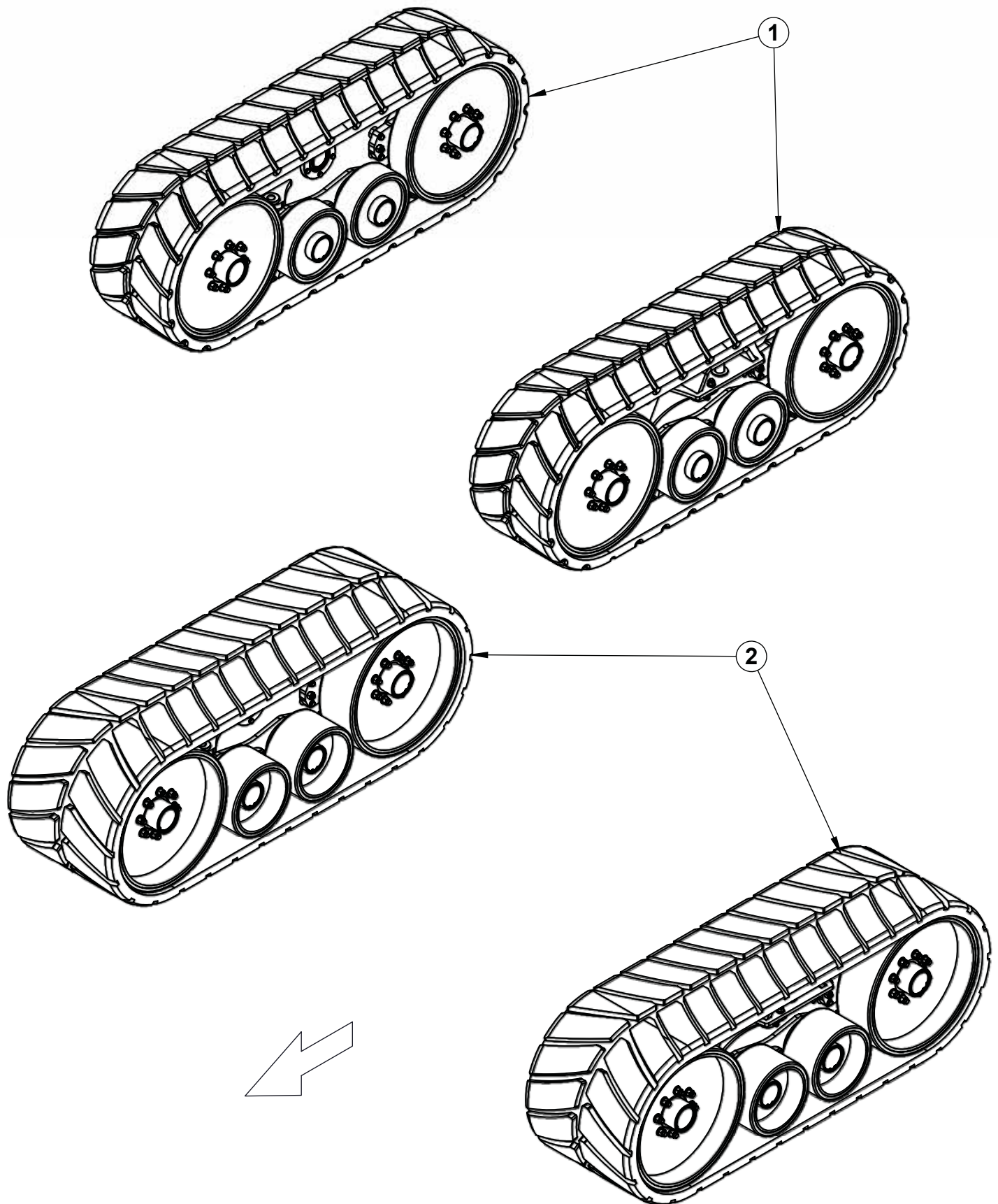
TA01361 Assy, Tow Bar Gate - RH

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	1	
2	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	1	
3	HB-0.625-11X1.25Y8	Bolt, Hex Head-5/8-11x1.25-YZ8	1	
4	HB-0.625-11X2.25Y8	Bolt, Hex Head-5/8-11x2.25-YZ8	1	
5	HDWSH-0.64X2.50Y	HD Washer 0.64 x 2.50	1	
6	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	1	
7	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	1	
8	T0050854	Anti Rotation Insert	1	
9	TW001216	Wldmt, RH Towbar Gate	1	
10	T0051481	Rubber Stop	1	
11	T0051585	2.00 Grease Seal	2	
12	T0051729	Decal, Reflector, Yellow-2x9	1	
13	T0052223	Tow Bar Knuckle Machined	1	
14	TW000761	Pin Weldment	1	
15	PB-2.000X2.25X2.00	Polylube Bush, Ø2.00xØ2.25x2.00	2	
16	ZERK-0.250-28	Zerk, 1/4-28	3	

Note:

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



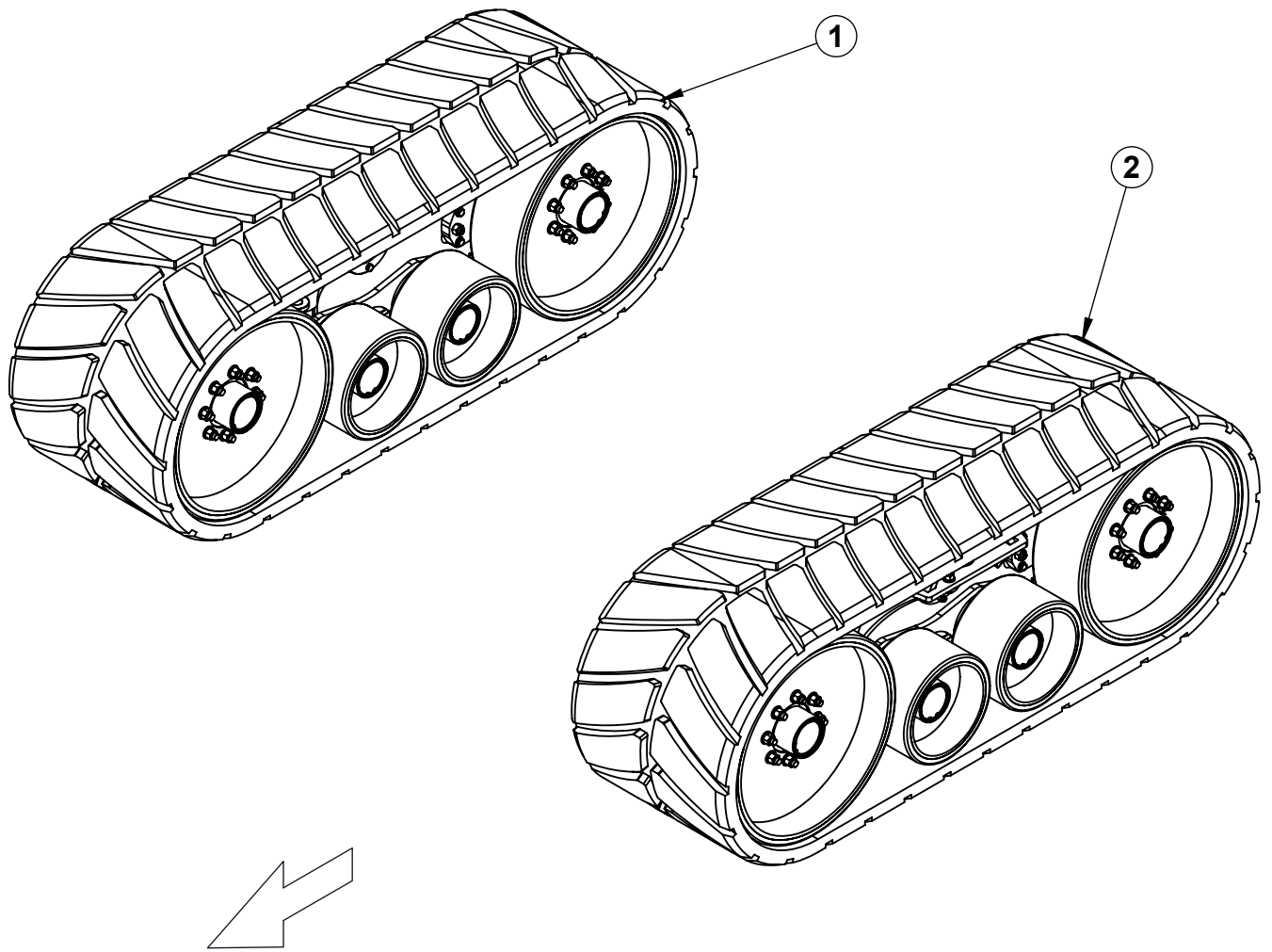


TA01589 Option, Track Width

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TA01241	Assy, 18" Track	1	
2	TA01240	Assy, 24" Track	1	

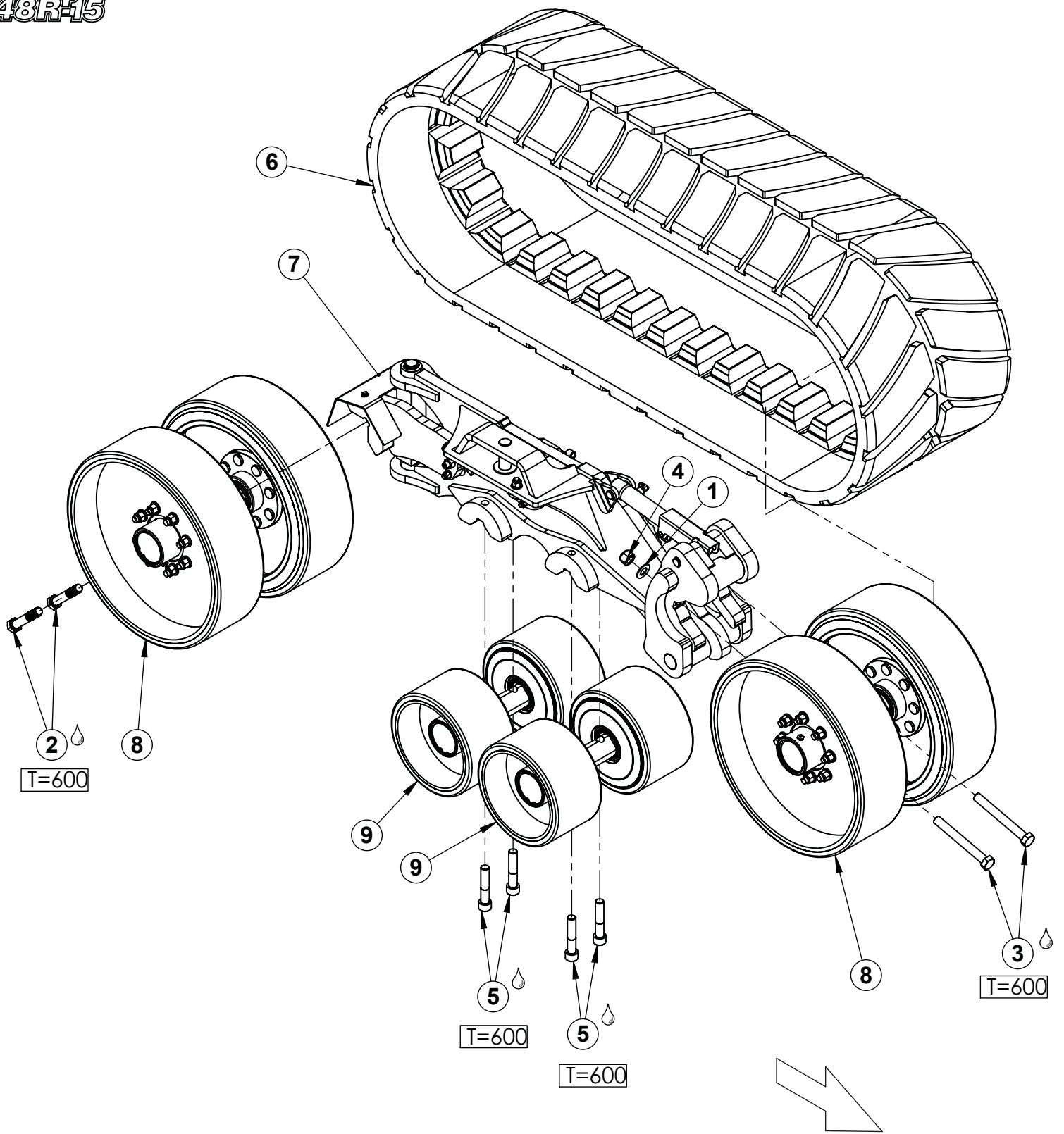
Note:

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



TA01240 Assy, 24" Track

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE E (ft-lbs)
1	TA01228	Assy, 24" RH Track	1	
2	TA01229	Assy, 24" LH Track	1	

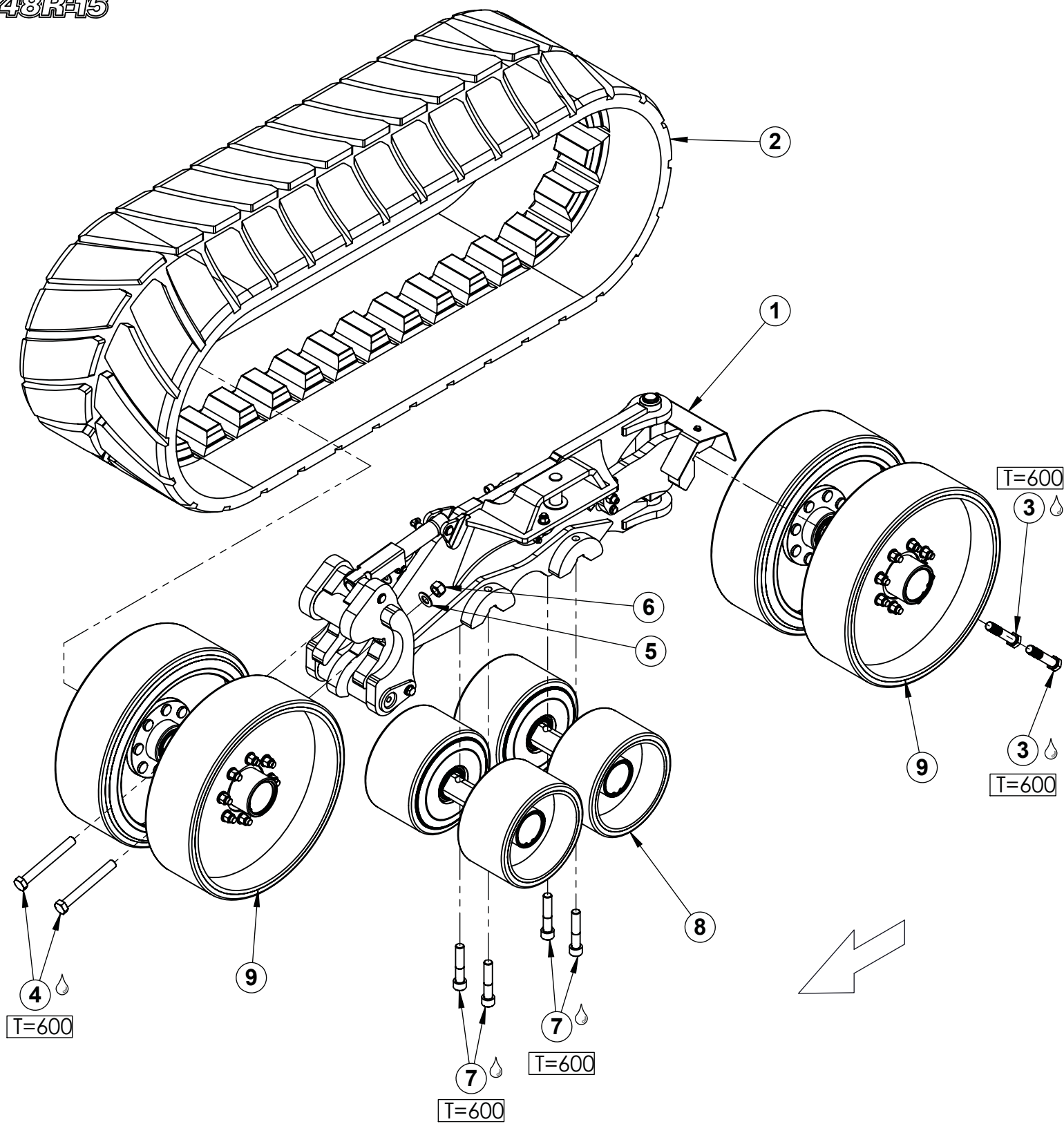


TA01228 Assy, 24" RH Track

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

Note:

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

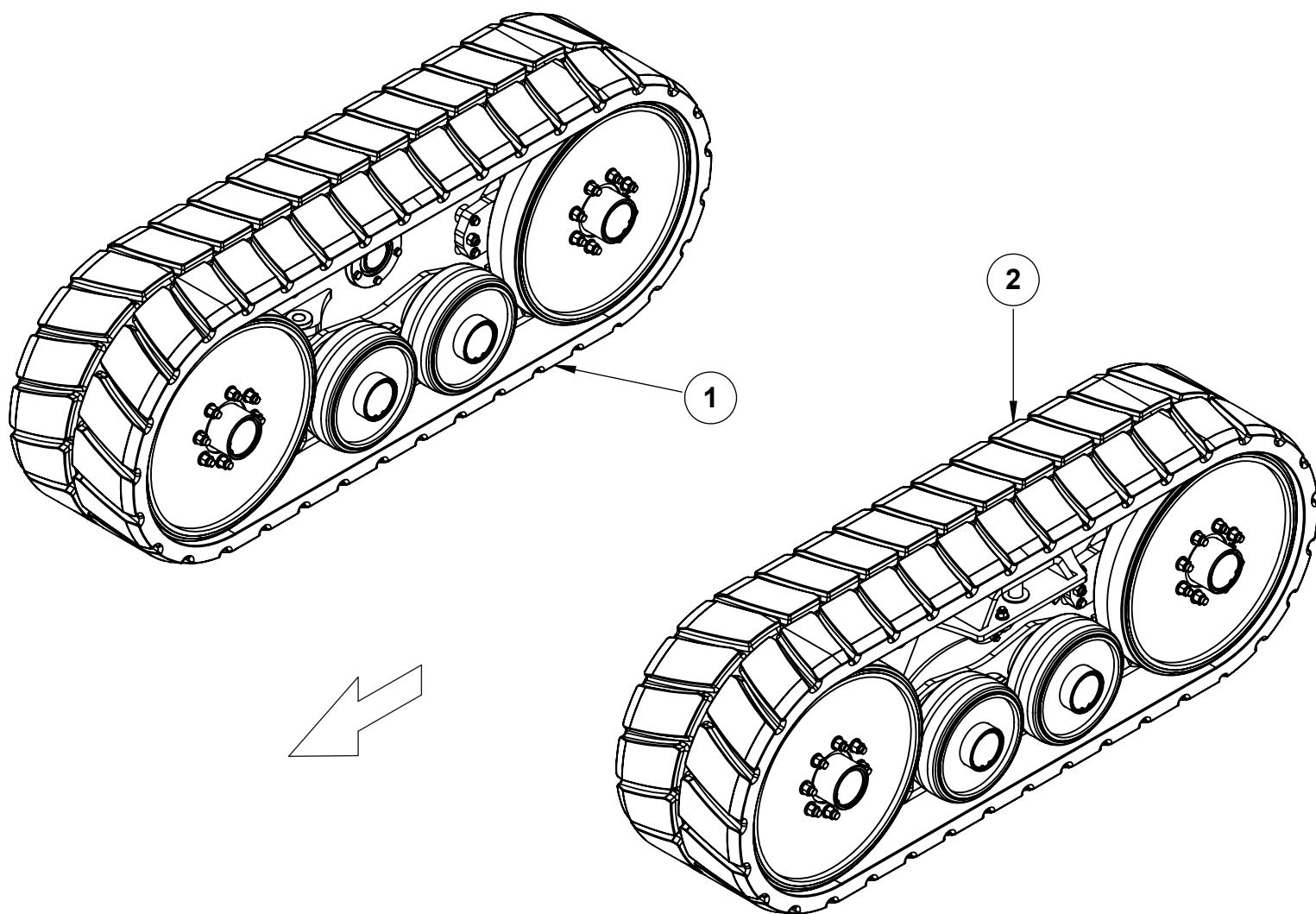


TA01229 Assy, 24" LH Track

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

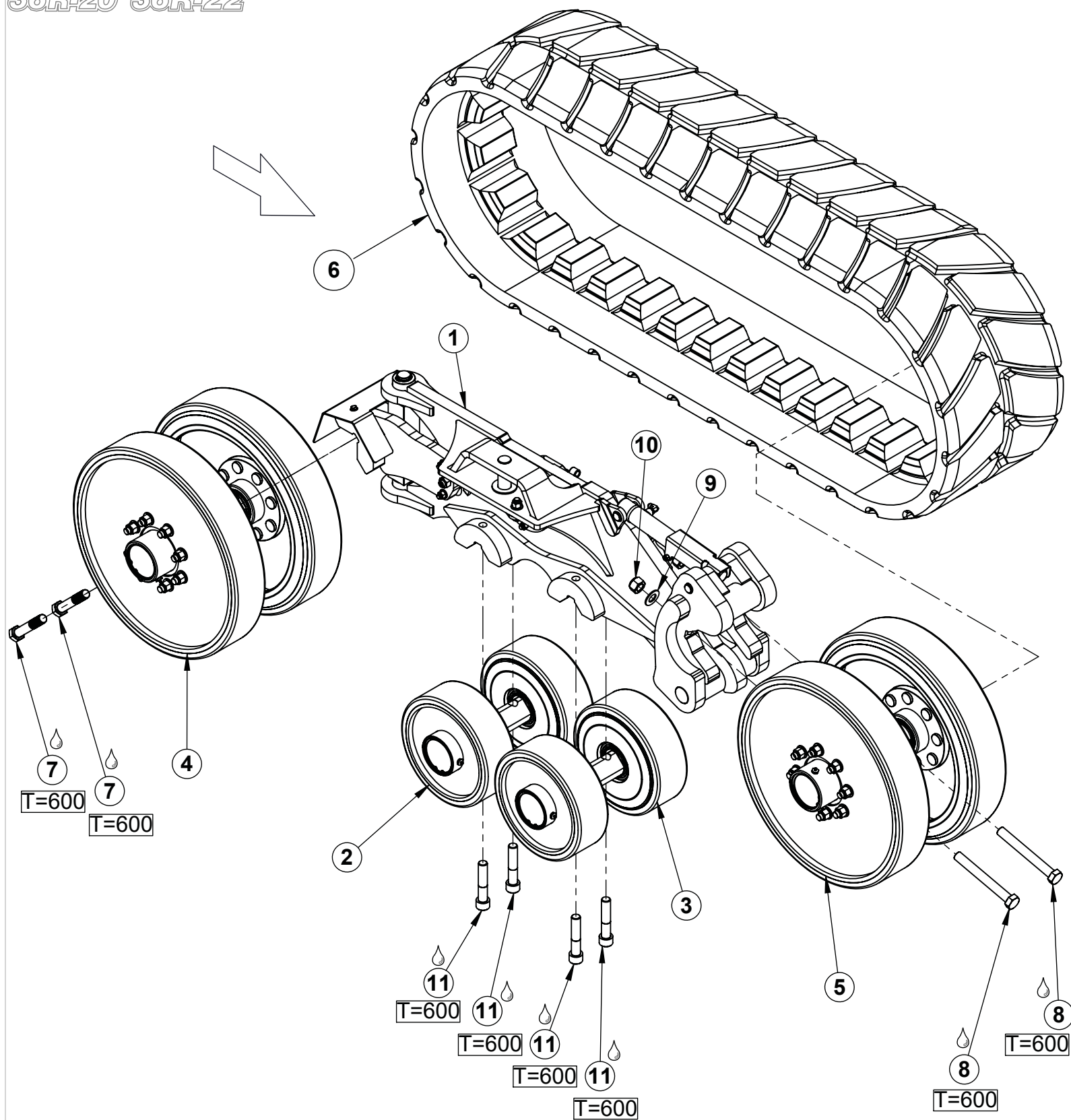
Note:

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



TA01241 Assy, 18" Track

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA01230	Assy, 18" RH Track	1	
2	TA01231	Assy, 18" LH Track	1	

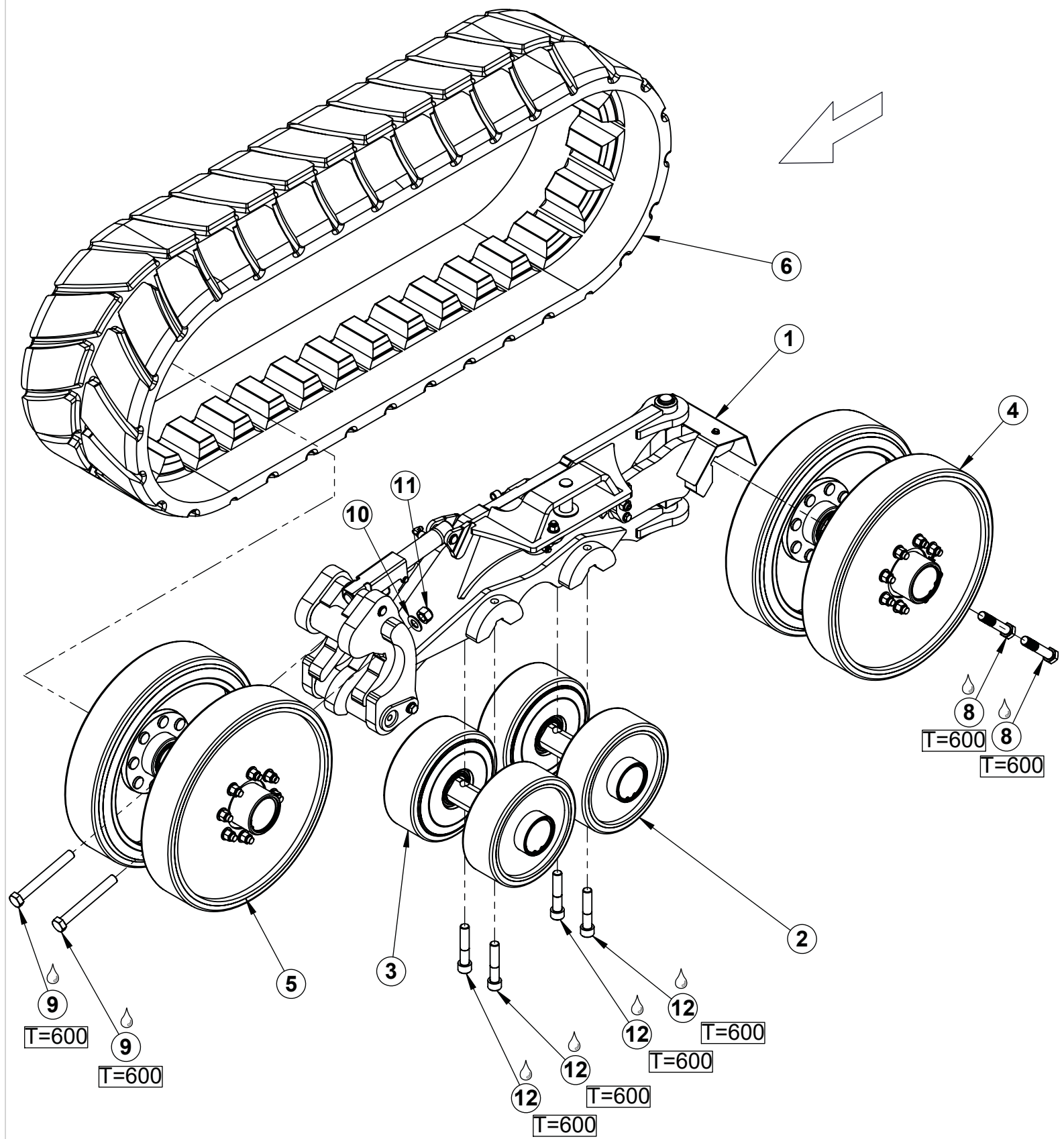


TA01230 Assy, 18" RH Track

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

Note:

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

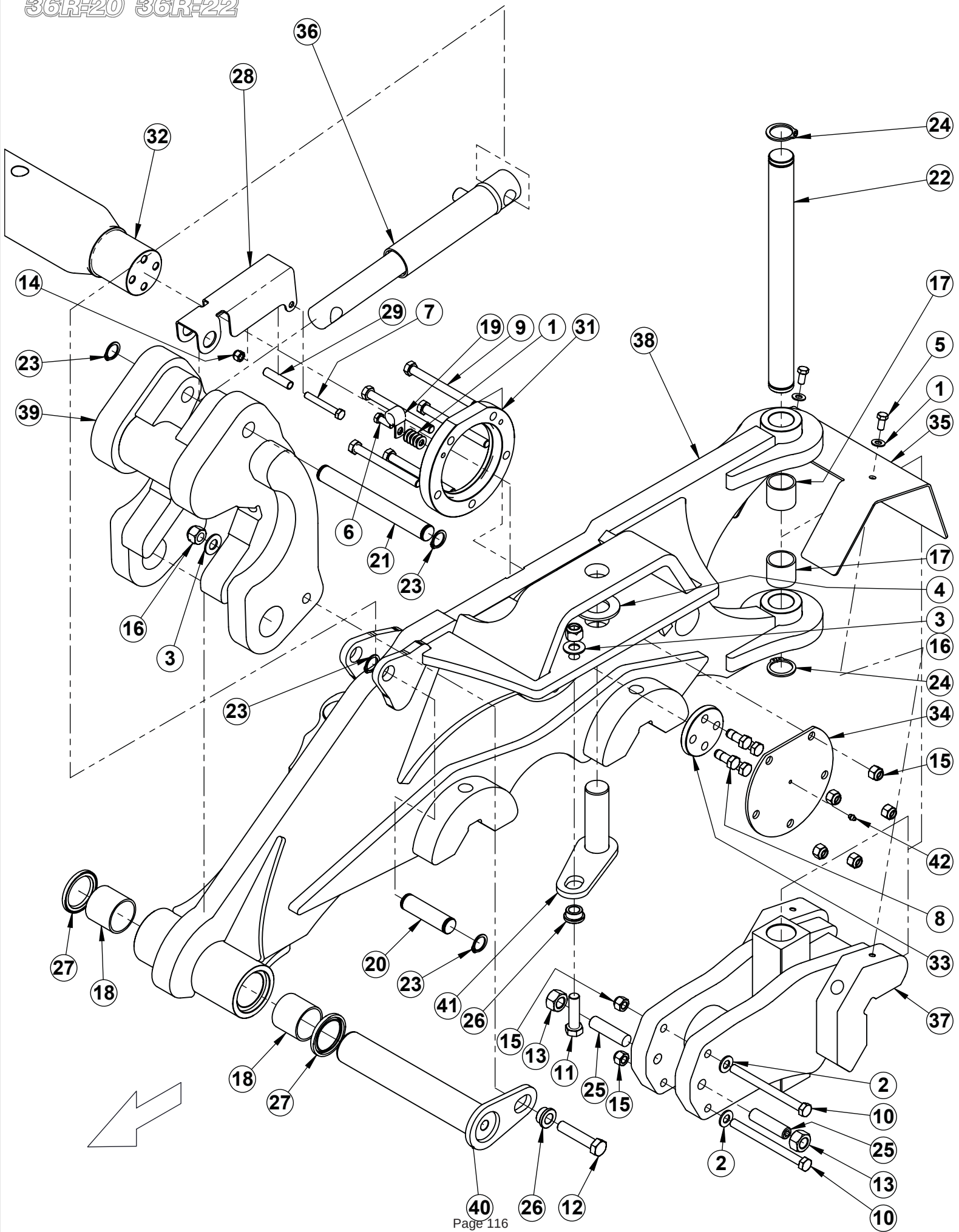


TA01231 Assy, 18" LH Track

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

Note:

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

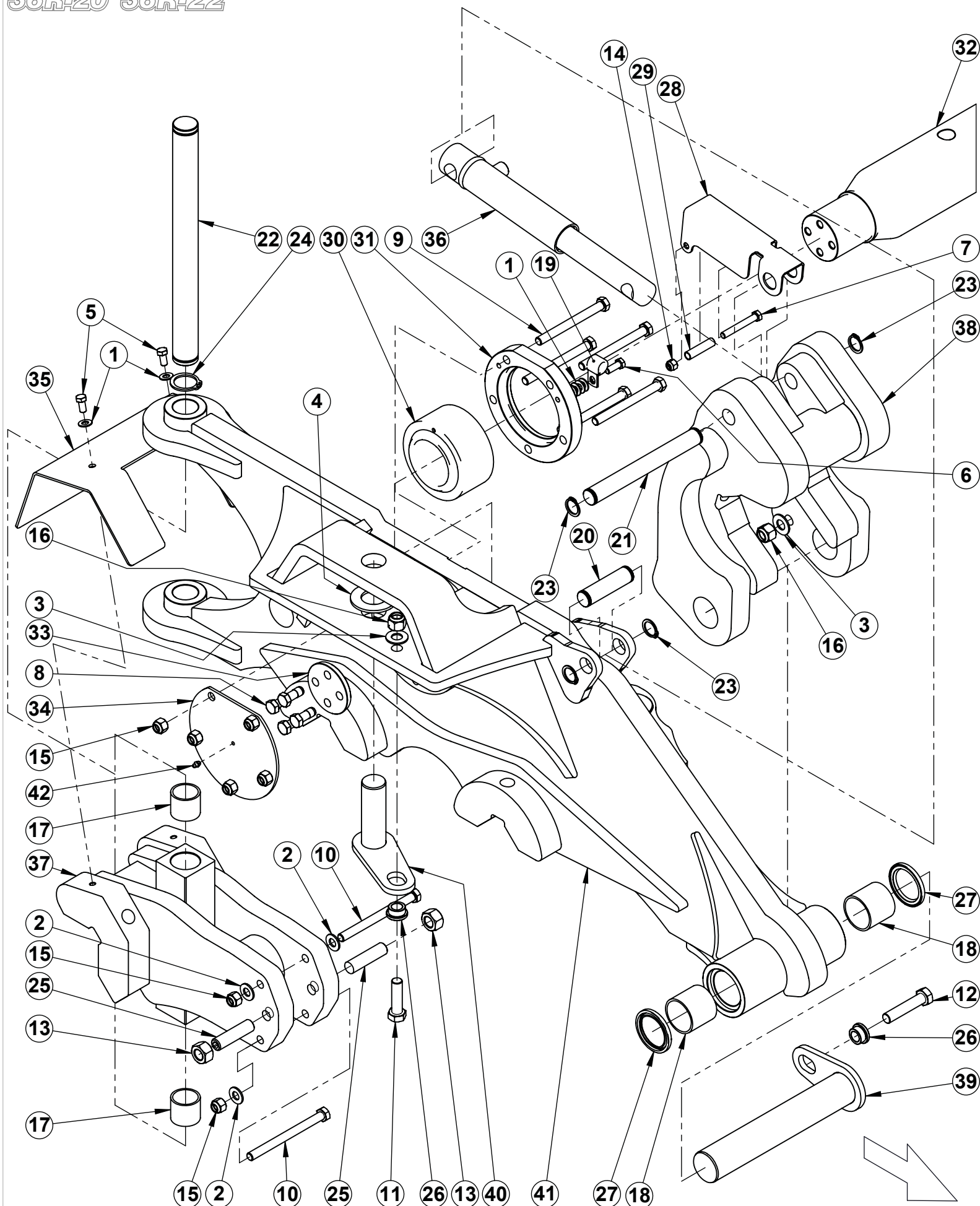


TA01024 Assy, LH Track Undercarriage

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	7	
2	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	4	
3	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	2	
4	FW-SAE-1.375Y	Washer, Flat SAE 1-3/8 YZ	1	
5	HB-0.375-16X0.75Y8	HBolt-0.3750-16x0.750-YZ8	2	
6	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1 YZ8	1	
7	HB-0.375-16X2.75Y8	Bolt, Hex Hd 3/8-16x2-3/4 YZ8	1	
8	HB-0.500-13X1.25Y8P	Bolt, Hex Hd 1/2-13x1-1/4 YZ8 w/PATCH	4	
9	HB-0.500-13X5.25Y8	Bolt, Hex Hd 1/2-13x5-1/4 YZ8	5	
10	HB-0.500-13X6.00Y8	Bolt, Hex Hd 1/2-13x6 YZ8	2	
11	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	1	
12	HB-0.625-11X3.00Y8	Bolt, Hex Hd 5/8-18x3 YZ8	1	
13	HNUT-0.750-10Y8	Nut, Hex 3/4-10 YZ8	2	
14	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	1	
15	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	7	
16	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	2	
17	PB-1.500X1.75X1.50	Bushing, Composite 1-1/2x1-3/4x1-1/2	2	
18	PB-2.000X2.25X2.00	Bushing, Composite 2x2-1/4x2	2	
19	PCLMP-0.750x0.875	Clamp, Tube 3/4x13/32	1	
20	PIN-1.000X3.38Y	Pin, 1x3-3/8 YZ	1	
21	PIN-1.000X8.625Y	Pin, 1x8-5/8 YZ	1	
22	PIN-1.50X16.25Y	Pin, 1-1/2x16-1/4 YZ	1	
23	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	4	
24	SRING-EXT-HD-1.50Y	Retaining Ring, External 1-1/2 HD YZ	2	
25	SSOV-0.750-10X3.00B	Set Screw, Oval 3/4-10x3 BO	2	
26	T0050854	Anti Rotation Insert	2	
27	T0051585	2.00 Grease Seal	2	
28	T0053489	Shield, Tension Cylinder	1	
29	T0053497	Sleeve, Spacer	1	
30	T0053511	BEARING, SPHERICAL-3" SHAFT	1	
31	T0053524	Cap, Bearing	1	
32	T0053788	Axle, Track Stub	1	
33	T0053791	Washer, Track Axle Retention	1	
34	T0054068	Grease Cap	1	
35	T0054437	Track Seal Cover	1	
36	TA02210	Cylinder, Hyd 1.50X5.50 SA	1	
37	TW000958	Wldmt (Mach), Track Alignment	1	
38	TW000960	Wldmt, LH Undercarriage-Mach	1	
39	TW000962	Wldmt (Mach), Track Tensioner	1	
40	TW000963	Weld, Pin	1	
41	TW000964	Weld, Pin	1	
42	ZERK-0.250-28	Zerk, 1/4-28	1	

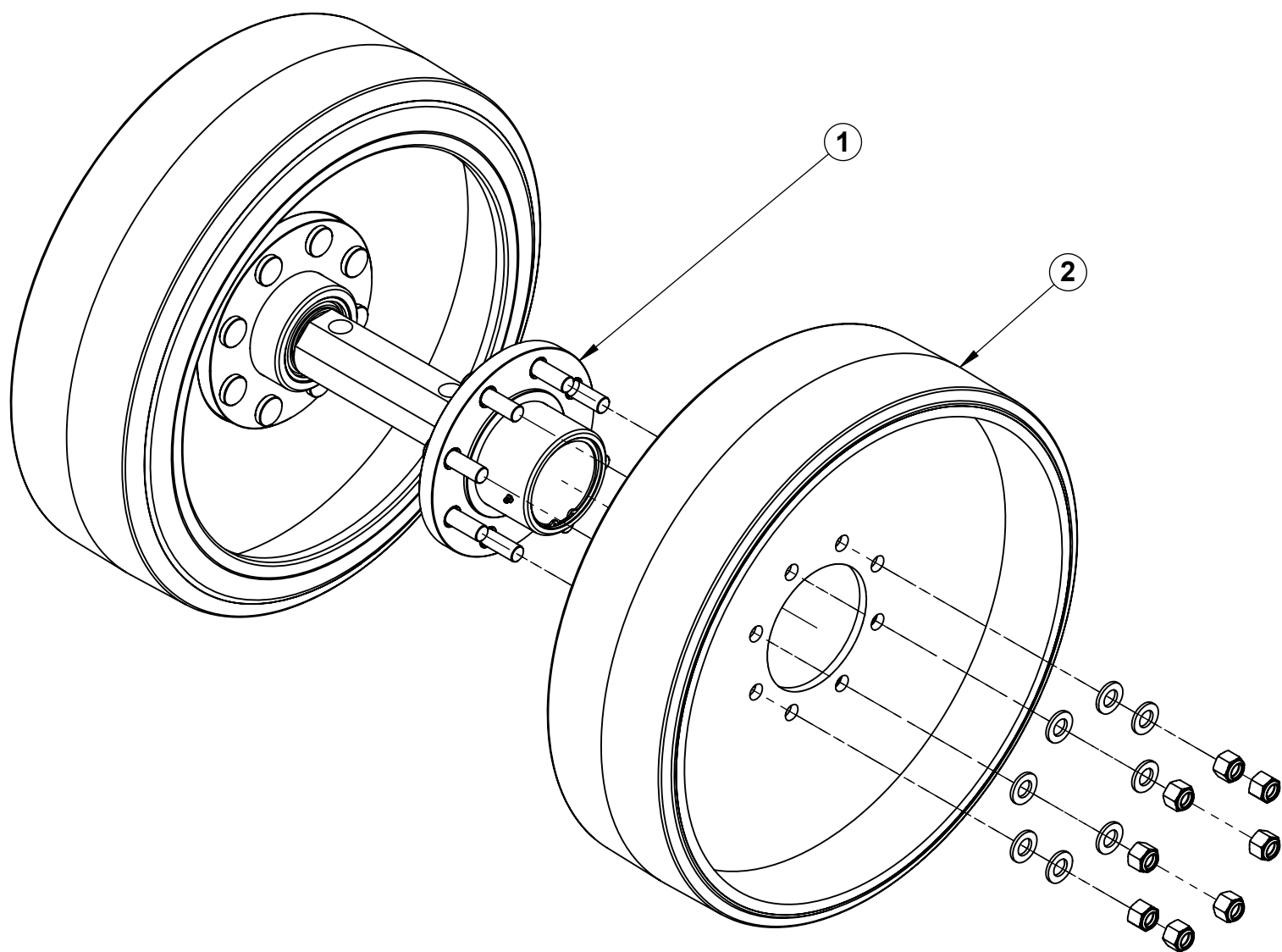
Note:

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



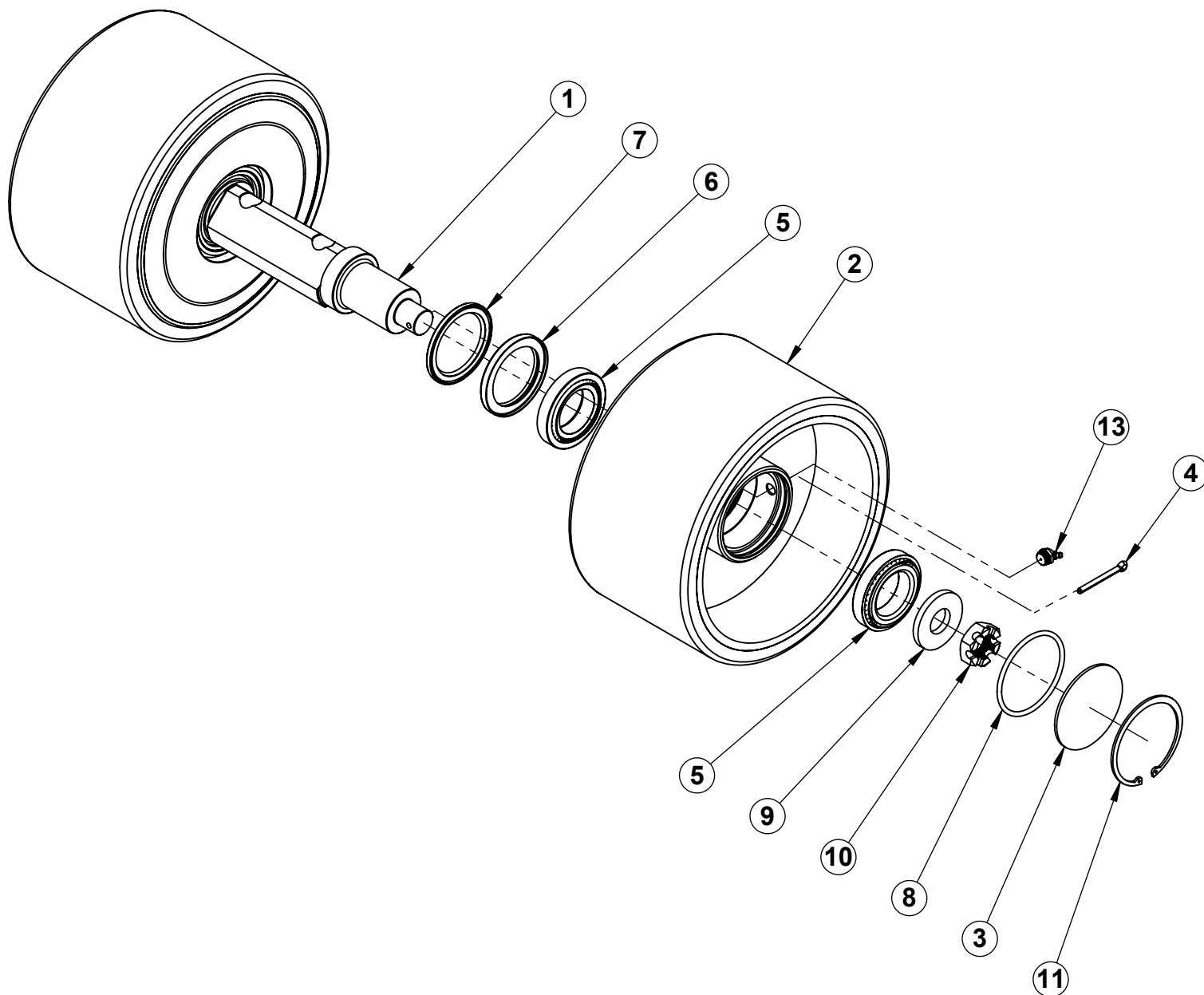
TA01049 Assy, RH Track Undercarriage

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	7	
2	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	4	
3	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	2	
4	FW-SAE-1.375Y	Washer, Flat SAE 1-3/8 YZ	1	
5	HB-0.375-16X0.75Y8	HBolt-0.3750-16x0.750-YZ8	2	
6	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1 YZ8	1	
7	HB-0.375-16X2.75Y8	Bolt, Hex Hd 3/8-16x2-3/4 YZ8	1	
8	HB-0.500-13X1.25Y8P	Bolt, Hex Hd 1/2-13x1-1/4 YZ8 w/PATCH	4	
9	HB-0.500-13X5.25Y8	Bolt, Hex Hd 1/2-13x5-1/4 YZ8	5	
10	HB-0.500-13X6.00Y8	Bolt, Hex Hd 1/2-13x6 YZ8	2	
11	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	1	
12	HB-0.625-11X3.00Y8	Bolt, Hex Hd 5/8-18x3 YZ8	1	
13	HNUT-0.750-10Y8	Nut, Hex 3/4-10 YZ8	2	
14	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	1	
15	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	7	
16	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	2	
17	PB-1.500X1.75X1.50	Bushing, Composite 1-1/2x1-3/4x1-1/2	2	
18	PB-2.000X2.25X2.00	Bushing, Composite 2x2-1/4x2	2	
19	PCLMP-0.750x0.875	Clamp, Tube 3/4x13/32	1	
20	PIN-1.000X3.38Y	Pin, 1x3-3/8 YZ	1	
21	PIN-1.000X8.625Y	Pin, 1x8-5/8 YZ	1	
22	PIN-1.50X16.25Y	Pin, 1-1/2x16-1/4 YZ	1	
23	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	4	
24	SRING-EXT-HD-1.50Y	Retaining Ring, External 1-1/2 HD YZ	2	
25	SSOV-0.750-10X3.00B	Set Screw, Oval 3/4-10x3 BO	2	
26	T0050854	Anti Rotation Insert	2	
27	T0051585	2.00 Grease Seal	2	
28	T0053489	Shield, Tension Cylinder	1	
29	T0053497	Sleeve, Spacer	1	
30	T0053511	BEARING, SPHERICAL-3" SHAFT	1	
31	T0053524	Cap, Bearing	1	
32	T0053788	Axle, Track Stub	1	
33	T0053791	Washer, Track Axle Retention	1	
34	T0054068	Grease Cap	1	
35	T0054437	Track Seal Cover	1	
36	TA02210	Cylinder, Hyd 1.50X5.50 SA	1	
37	TW000958	Wldmt (Mach), Track Alignment	1	
38	TW000962	Wldmt (Mach), Track Tensioner	1	
39	TW000963	Weld, Pin	1	
40	TW000964	Weld, Pin	1	
41	TW000982	Wldmt, RH Undercarriage-Mach	1	
42	ZERK-0.250-28	Zerk, 1/4-28	1	



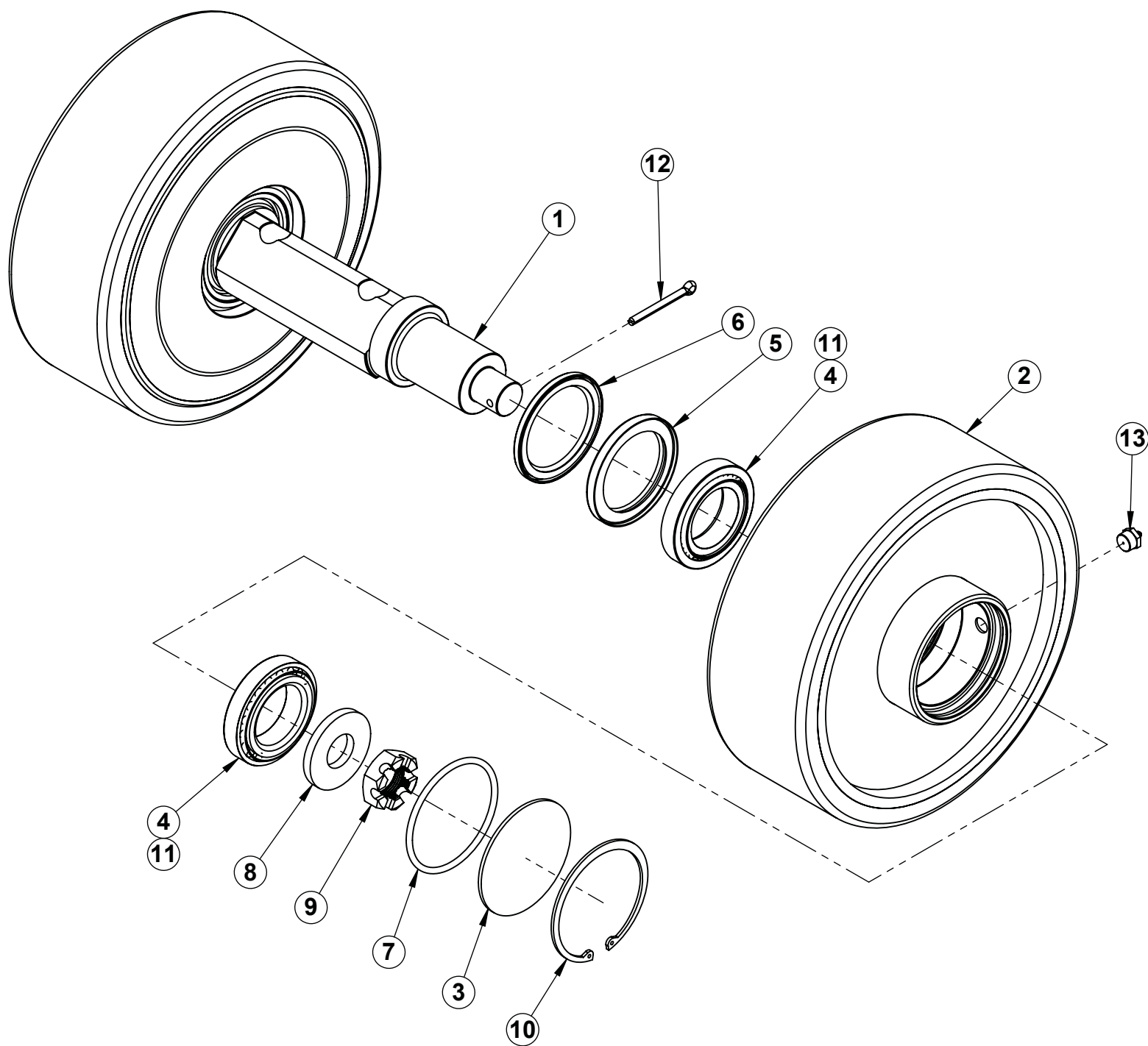
TA01220 Idler Wide Asm

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



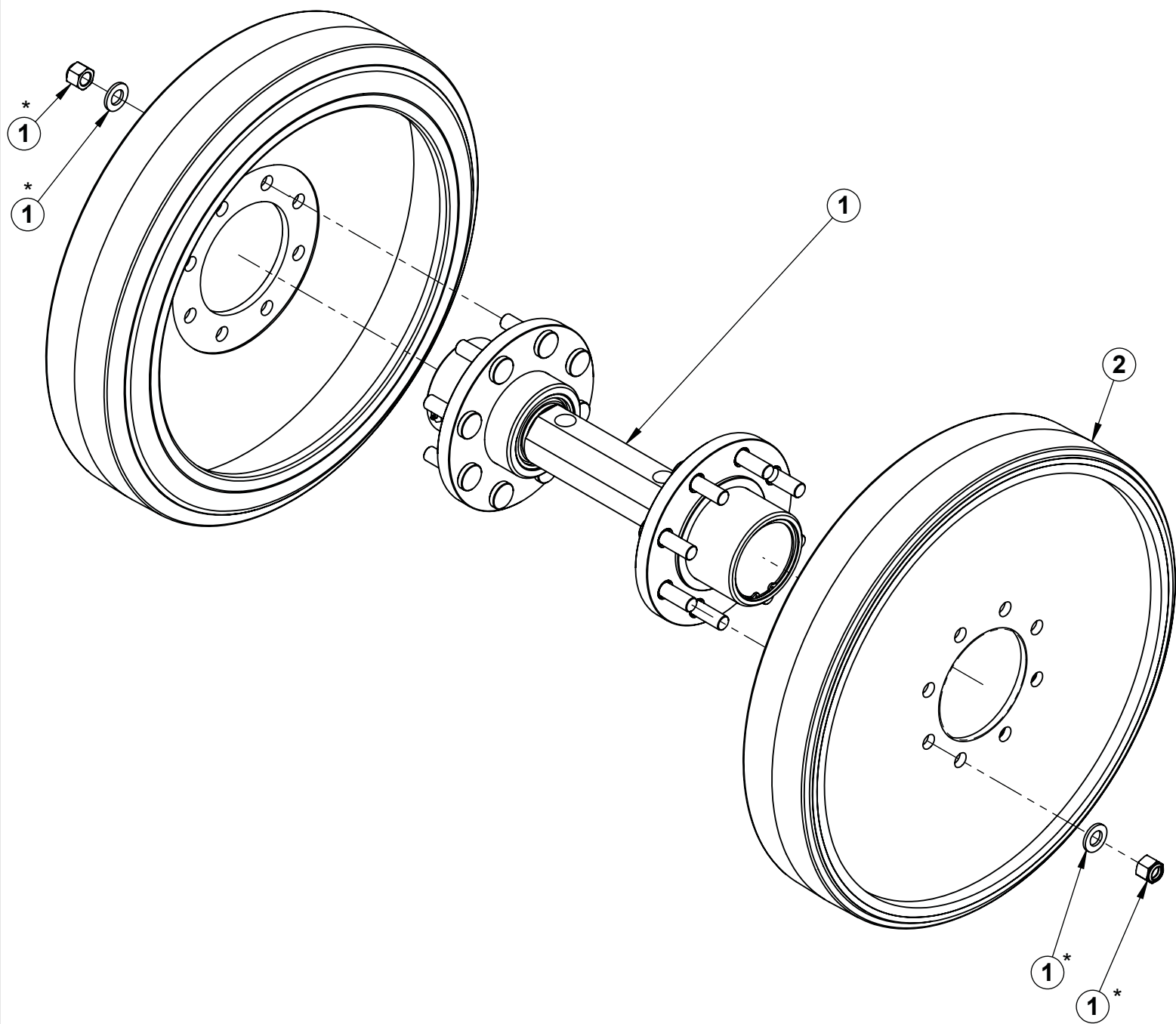
TA01224 Assy, Wide Roller Axle

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0054431	Roller Axle	1	
2	TA01222	Roller Wide Overmold	2	
3	T0054421	8-Bolt Hub Cap	2	
4	CTPIN-0.250X2.50	Cotter Pin, 1/4x2-1/2	2	
5	T0054432	3.8125 Bearing Cup 382A	4	
6	T0051029	Seal, 3"ID x 4"OD Nitrile Lip Oil	2	
7	T0051948	Seal, 3"ID x 4"OD Nitrile Lip Oil	2	
8	ORING-4.250X.188	O-Ring, #344, 4-1/4x3-7/8x3/16	2	
9	HDWSH-1.26X2.88	HD Washer, 1-1/4x2-7/8	2	
10	SHJN-1.250-12	Nut, Slotted Hex Jam 1-1/4-12	2	
11	SRING-INT-4.25	Retaining Ring, Internal 4-1/4	2	
12	T0054433	2.25 Bearing Cone 387A	4	
13	ZERK-0.375-NPTX45	Zerk, 3/8-18 NPT 45	2	



TA01225 Roller Narrow Asm

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0054431	Roller Axle	1	
2	TA01223	Roller Narrow Overmold	2	
3	T0054421	8-Bolt Hub Cap	2	
4	T0054432	Bearing Cup	4	
5	T0051029	3.0 Inch Seal	2	
6	T0051948	Seal, Radial Shaft Ø3.00 x .25	2	
7	ORING-4.250X.188	4-1/4" x 0.188" O-Ring	2	
8	HDWSH-1.26X2.88Y	1.25 x 2.87 x 0.31 Washer	2	
9	SHJN-1.250-12	Nut, Slotted Hex Jam 1-1/4"-12	2	
10	SRING-INT-4.25	4-1/4" INT SRING	2	
11	T0054433	2.25 Tapered Roller Bearing Cone	4	
12	CTPIN-0.250X2.50	COTTERPIN, 1/4 X 2-1/2	2	
13	ZERK-0.375-NPT	Zerk 0.375-NPT	2	

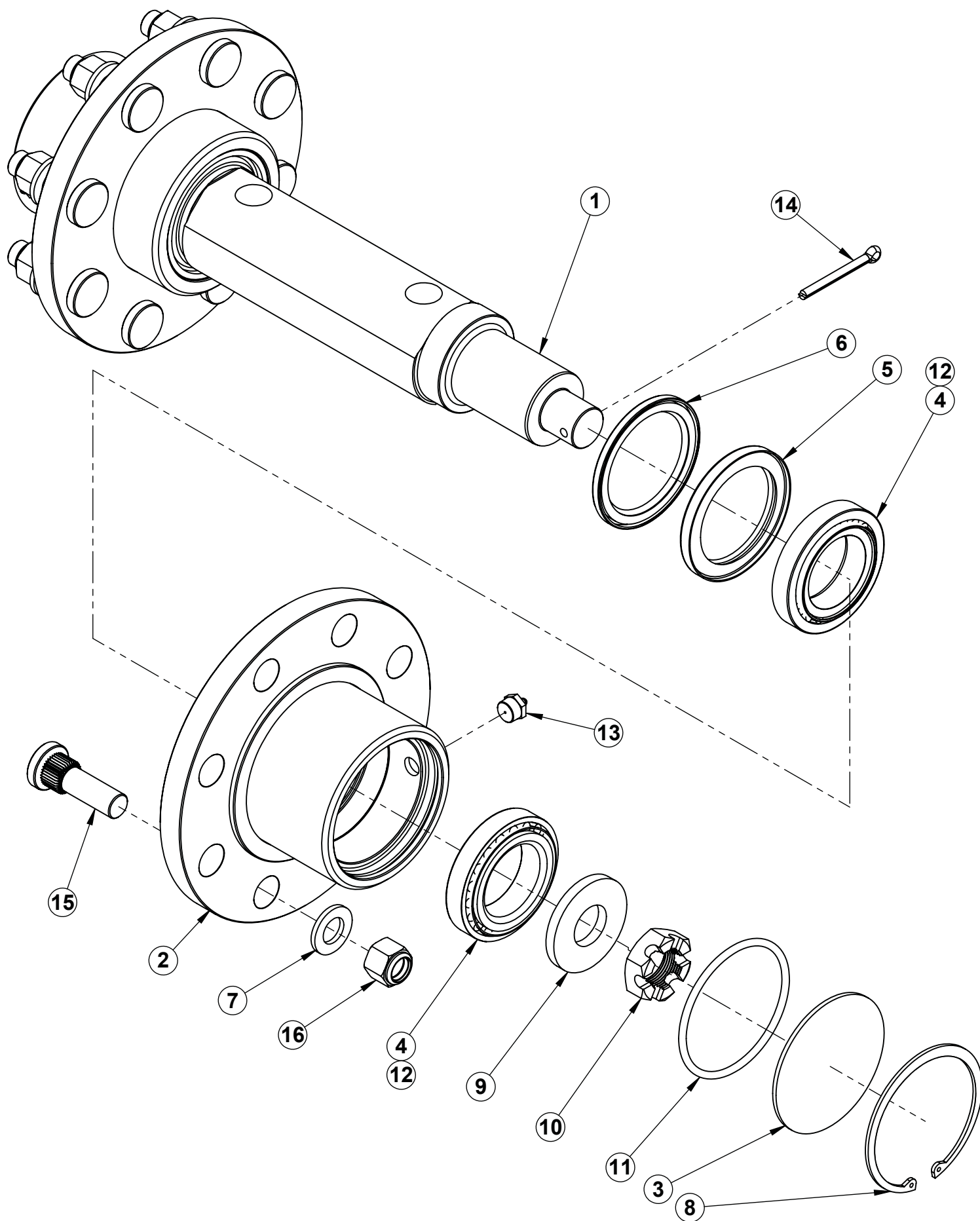


TA01221 Idler Narrow Asm

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

Note:

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

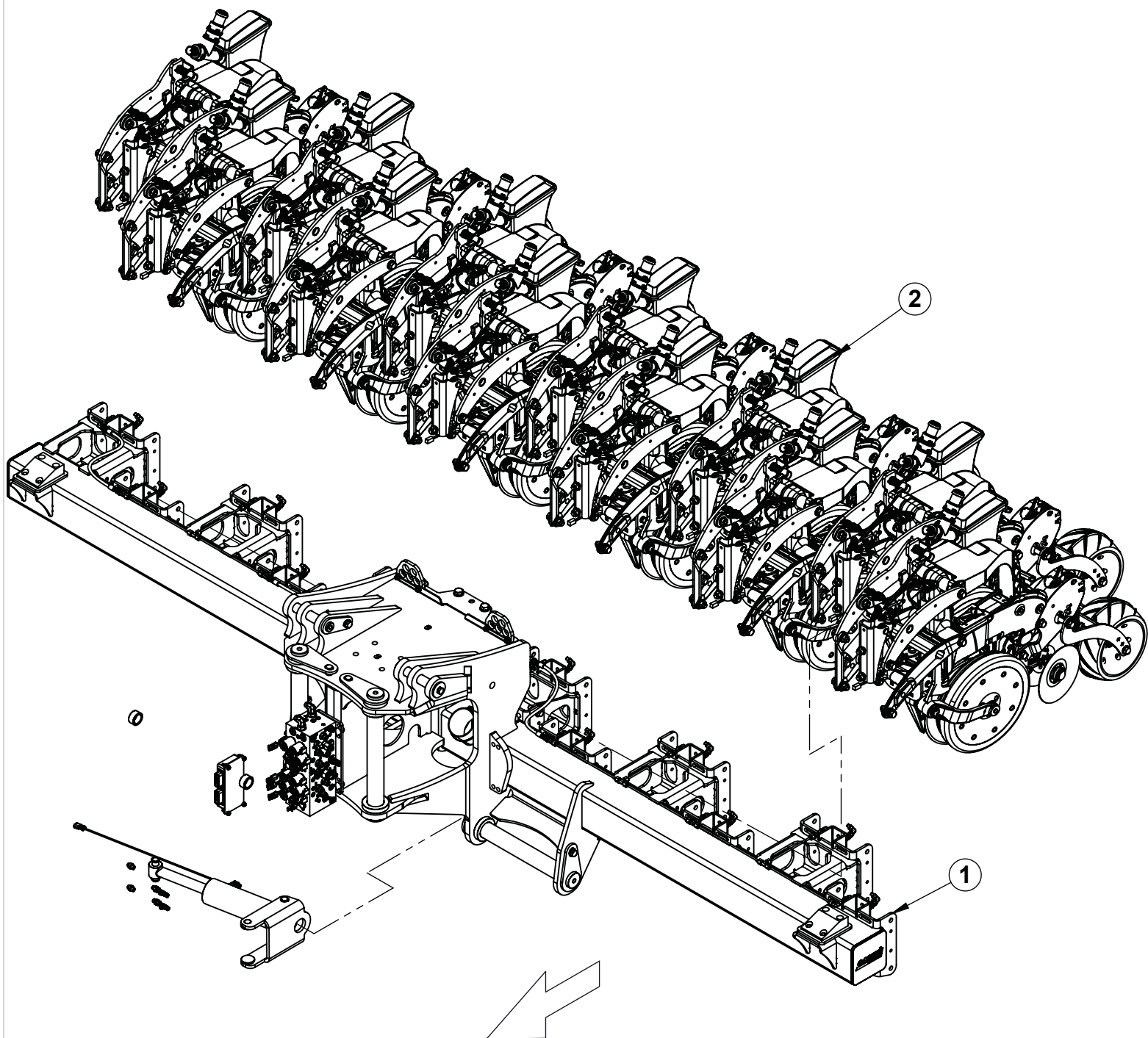


TA01219 Idler Axle Asm

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

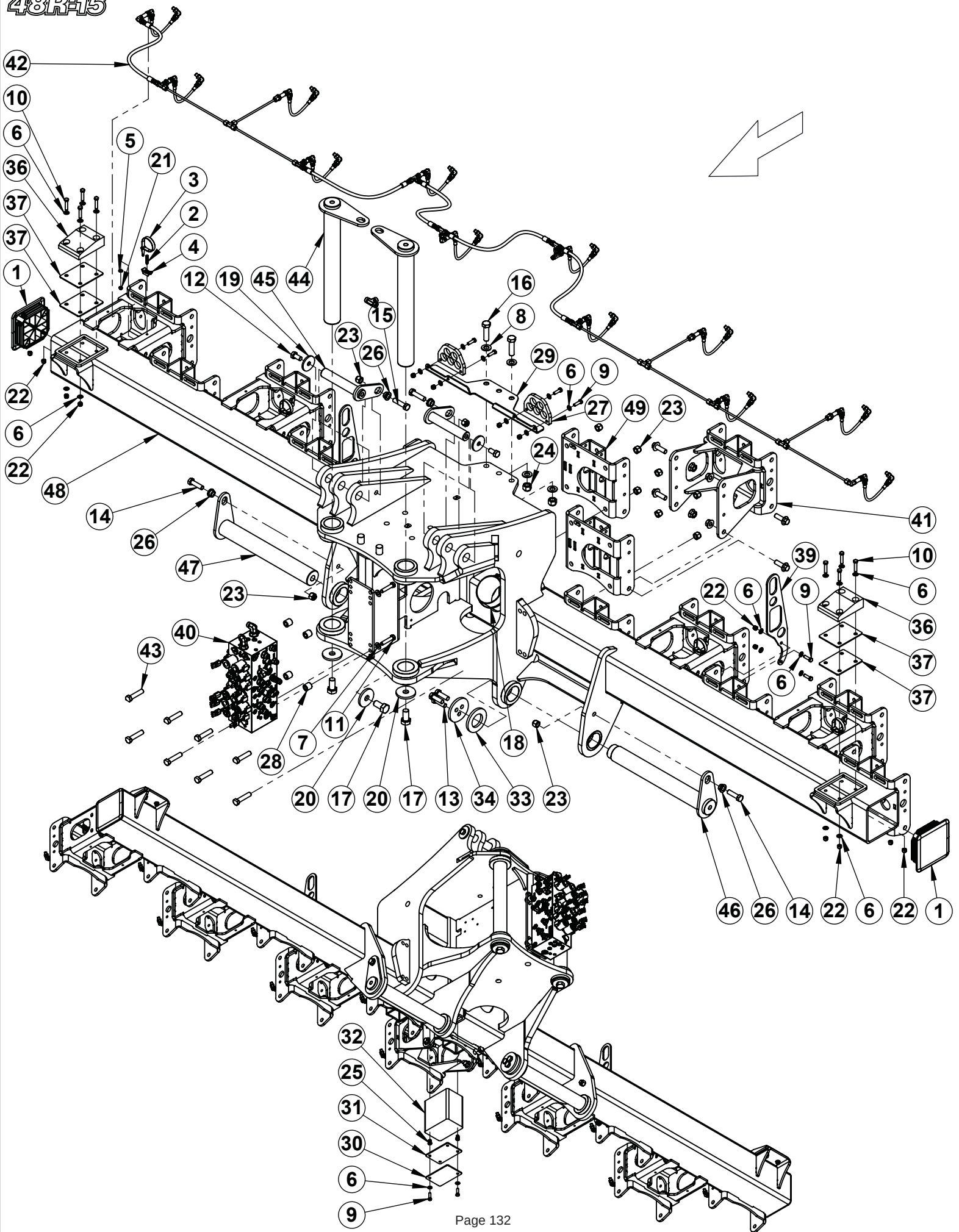
Note:

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



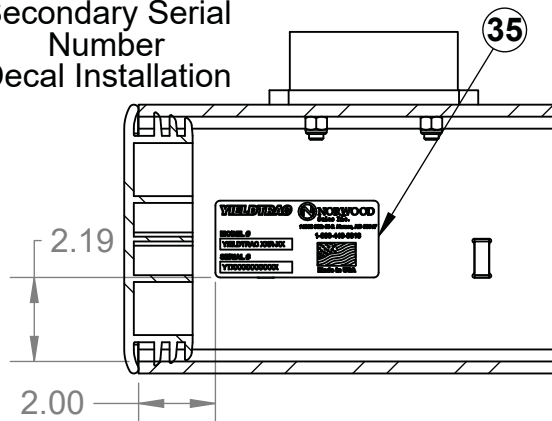
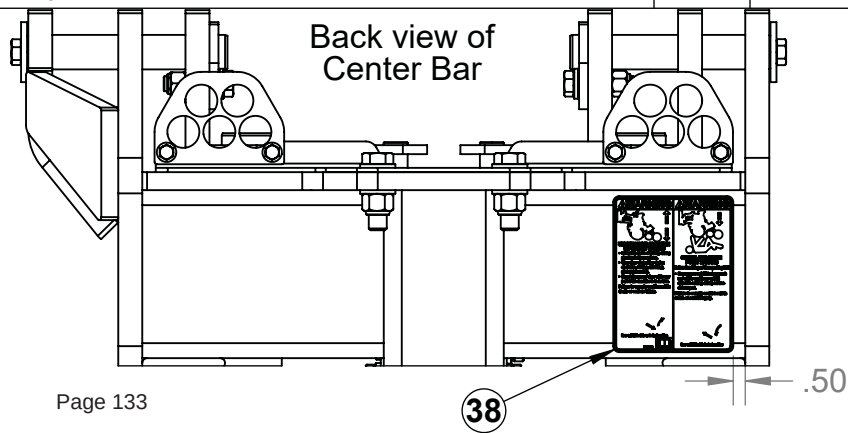
TA01960 Assy, 48R15 Center Bar				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA01957	Assy, 48R15 Center Bar Base	1	
2	TA01958	Assy, 15" Center Bar RUs	1	

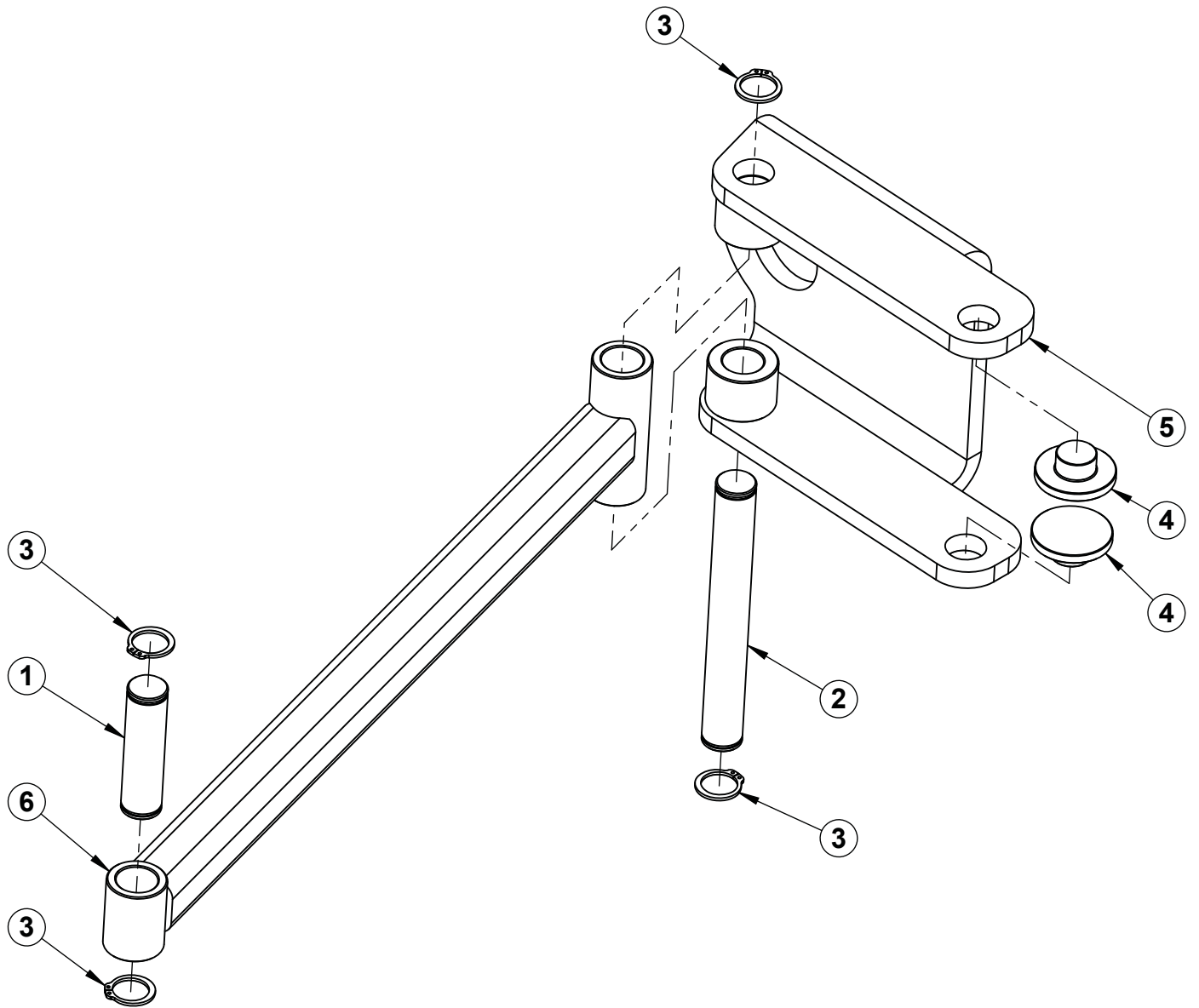
- Note:**
1. [T=XXX] = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
 2. * Items marked with an asterisk are items that are included in that particular part or assembly.



TA01957 Assy, 48R15 Center Bar Base

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	48106381	Vacuum Plug, 7" Sq	2	
2	90-10-7773	Bolt, Socket 1/4-20 x 1 1/4 Gr8	5	
3	CBLTIE-0.50X9.10	Cable Tie, 0.50x9.10, 2.25 Max Bundle	5	
4	CBLTIENT-250-.500	Cable Tie Mount, 1/4" Screw, 1/2" CBLTIE	5	
5	FW-SAE-0.250Y	Washer, Flat SAE 1/4 YZ	5	
6	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	30	
7	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	4	
8	FW-SAE-0.750Y	Washer, Flat SAE 3/4 YZ	4	
9	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	10	
10	HB-0.375-16X1.75Y8	Bolt, Hex Hd 3/8-16x1-3/4 YZ8	8	
11	HB-0.500-13X2.25Y8	Bolt, Hex Hd 1/2-13x2-1/4 YZ8	4	
12	HB-0.625-11X1.25Y8	Bolt, Hex Hd 5/8-11x1-1/4 YZ8	2	
13	HB-0.625-11X2.00Y8	Bolt, Hex Hd 5/8-11x2 YZ8	3	
14	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	2	
15	HB-0.625-11X2.50Y8	Bolt, Hex Hd 5/8-11x2-1/2 YZ8	2	
16	HB-0.750-10X2.75Y8	Bolt, Hex Hd 3/4-10x2-3/4 YZ8	2	
17	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4 YZ8	3	
18	HCLMP-SAE-512SS	Hose Clamp, SAE #512 SS	2	
19	HDWSH-0.64X2.50Y	HD Washer, 41/64x2-1/2 YZ	2	
20	HDWSH-0.89X3.00Y	HD Washer, 57/64x3 YZ	3	
21	NLNUT-0.250-20Y8	Nylon Lock Nut, 1/4-20 YZ8	5	
22	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	16	
23	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	12	
24	NLNUT-0.750-10Y8	Nylon Lock Nut, 3/4-10 YZ8	2	
25	RN-0.375-16-.15-.31Y	Rivet Nut, 3/8-16x0.150-0.312 YZ	2	
26	T0050854	Anti Rotation Insert	4	
27	T0052450	Guide, Hose Seed Tube Cen Fr	2	
28	T0052525	Spacer, L&F Valve	4	
29	T0054208	Brkt, Seed Hose Mtg	1	
30	T0054651	Clean Out Cover	1	
31	T0054652	Seal, Clean Out Cover	1	
32	T0054653	Foam Block	1	
33	T0055395	Washer	1	
34	T0055396	Cap Washer	1	
35	T0055737	Decal, S/N Yieldtrac (Generic)	1	
36	T0056151	Block, Slider	2	
37	T0056152	Shim, Slider	4	
38	T0056182	Decal, Warning Row Unit Lift Lock	1	
39	T0056223	Plate, Seed Tube Routing	2	
40	TA01929	Assy, Lift & Fold Valve (Dual Wheel)	1	
41	TA01974	Assy, RU 10in Bolt-On Setback	1	
42	TA01989	Assy, 48R15 Center RU Lift Hose Routing	1	
43	TB-0.625-11X2.75Y8	Bolt, Hex Hd 5/8-11x2-3/4 YZ8	8	
44	TW001008	Pin Weldment	2	
45	TW001110	Pin Weldment	2	
46	TW001328	Pin, Side Shift	1	
47	TW001329	Pin Weldment	1	
48	TW001466	Wldmt, 48R15 SS Center Bar	1	
49	TW001475	Wldmt, RU Bolt-On Head Bracket	2	

**Secondary Serial
Number
Decal Installation**

**Back view of
Center Bar**


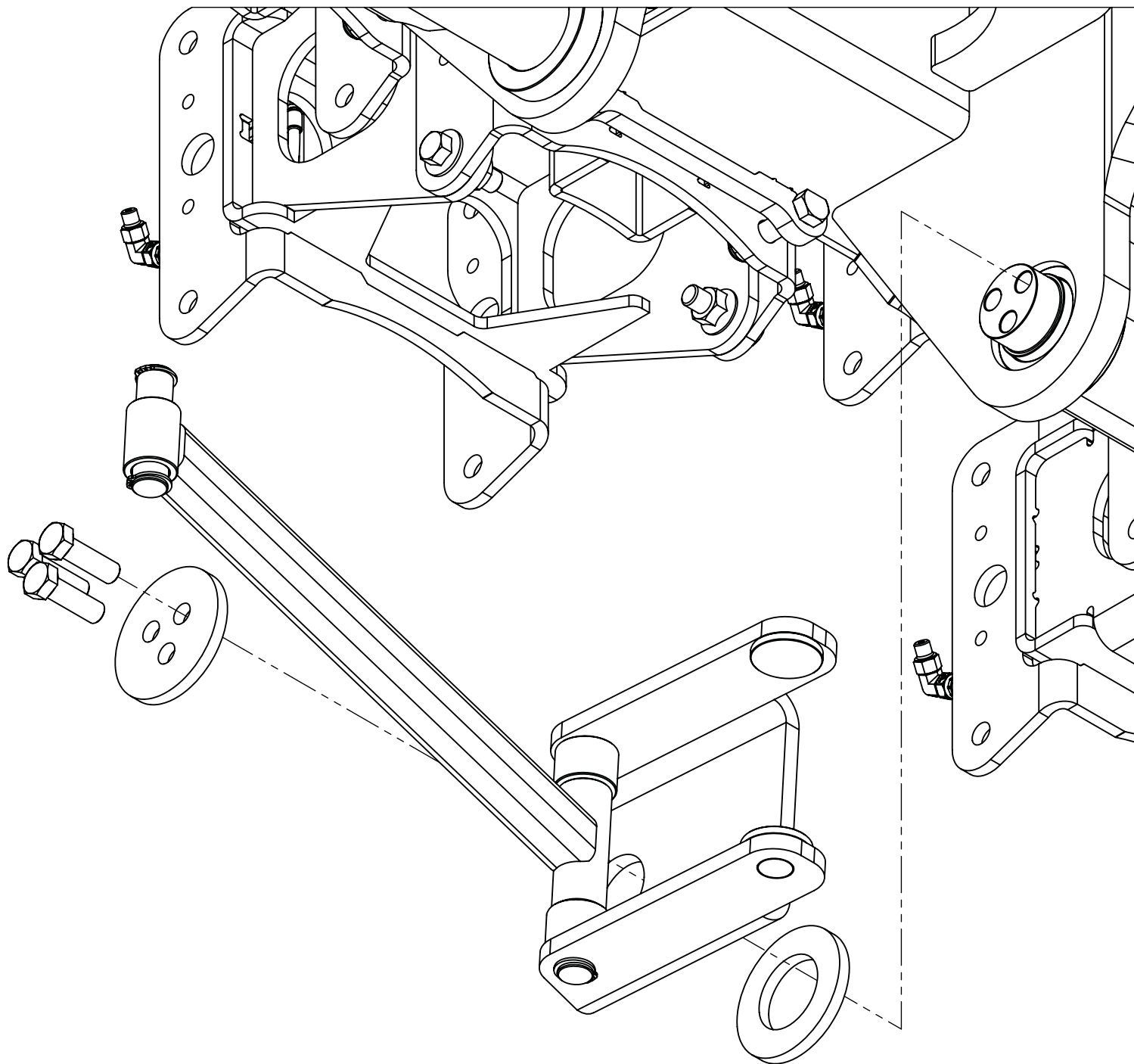


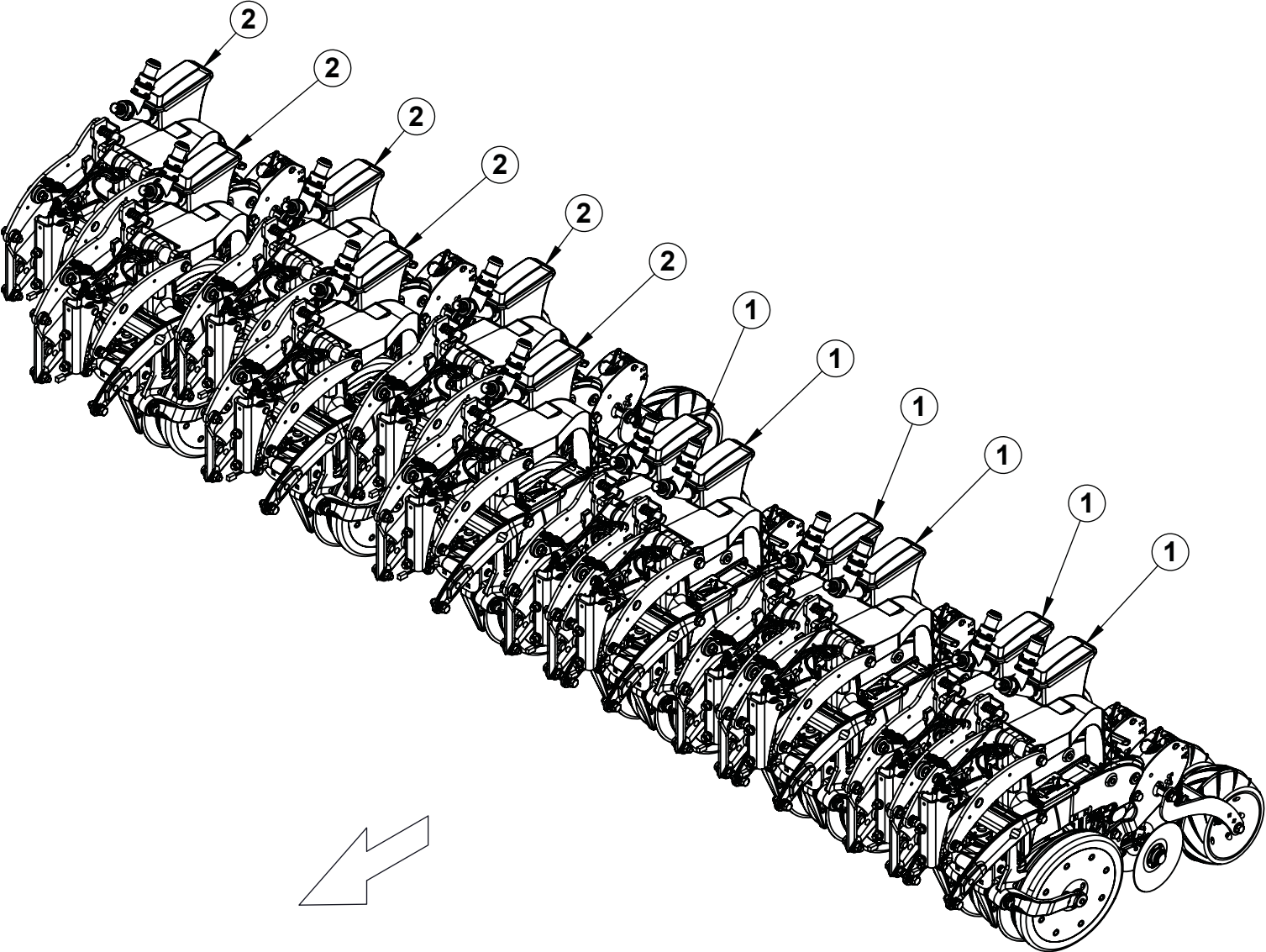
TA02081 Assy, Center Fixed Side Shift

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	PIN-1.000X3.38Y	Pin, 1x3-3/8 YZ	1	
2	PIN-1.000X7.625Y	Pin-1.0000x7.6250-YZ	1	
3	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	4	
4	T0055394	UHMW Bumper	2	
5	TW001327	Wldmt, Cylinder Mount	1	
6	TW001487	Wldmt, Long Side Shift Link	1	

Note:

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



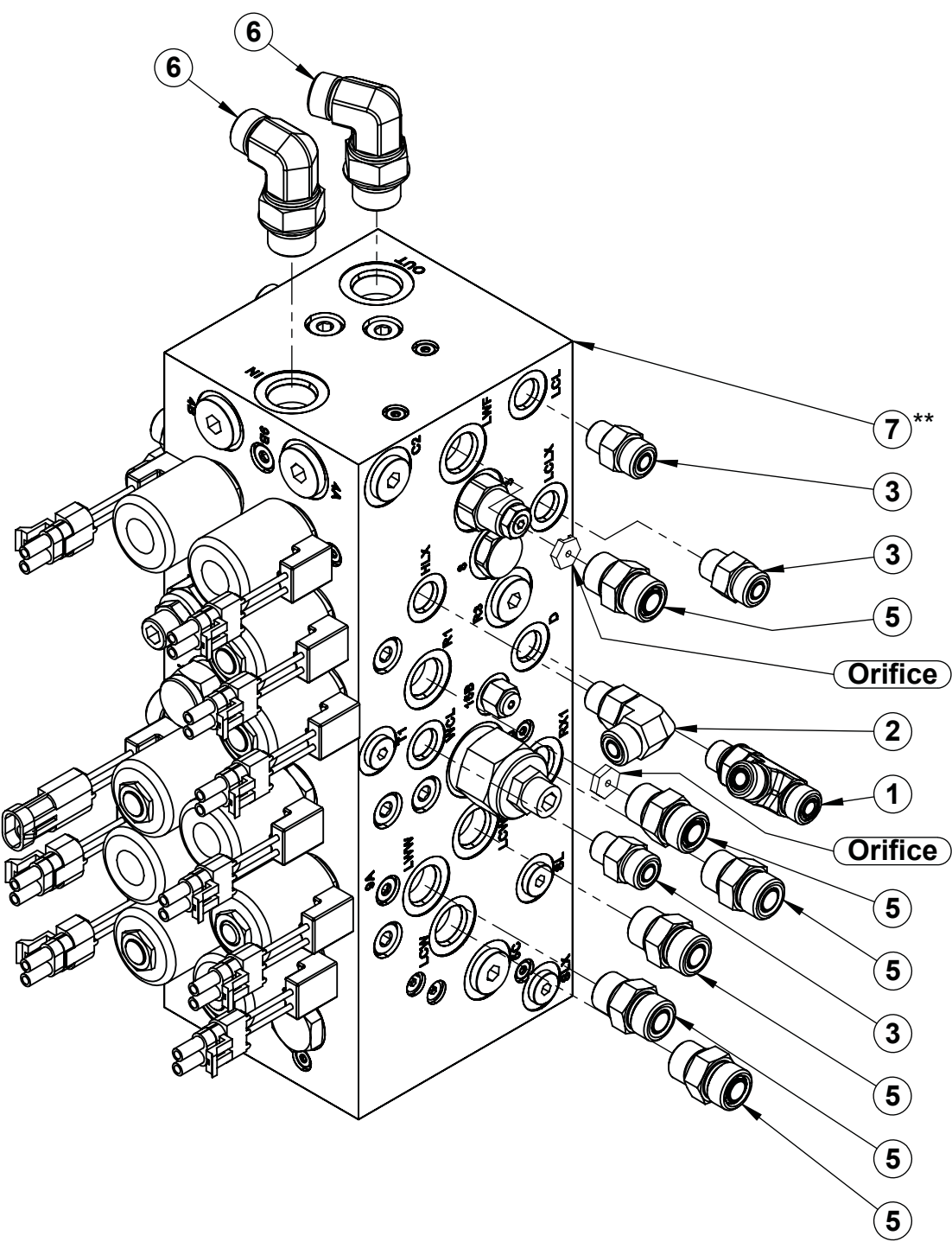


TA01958 Assy, 15" Center Bar RUs

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	48098614	2100 LH Row Unit	6	
2	48098615	2100 RH Row Unit	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.



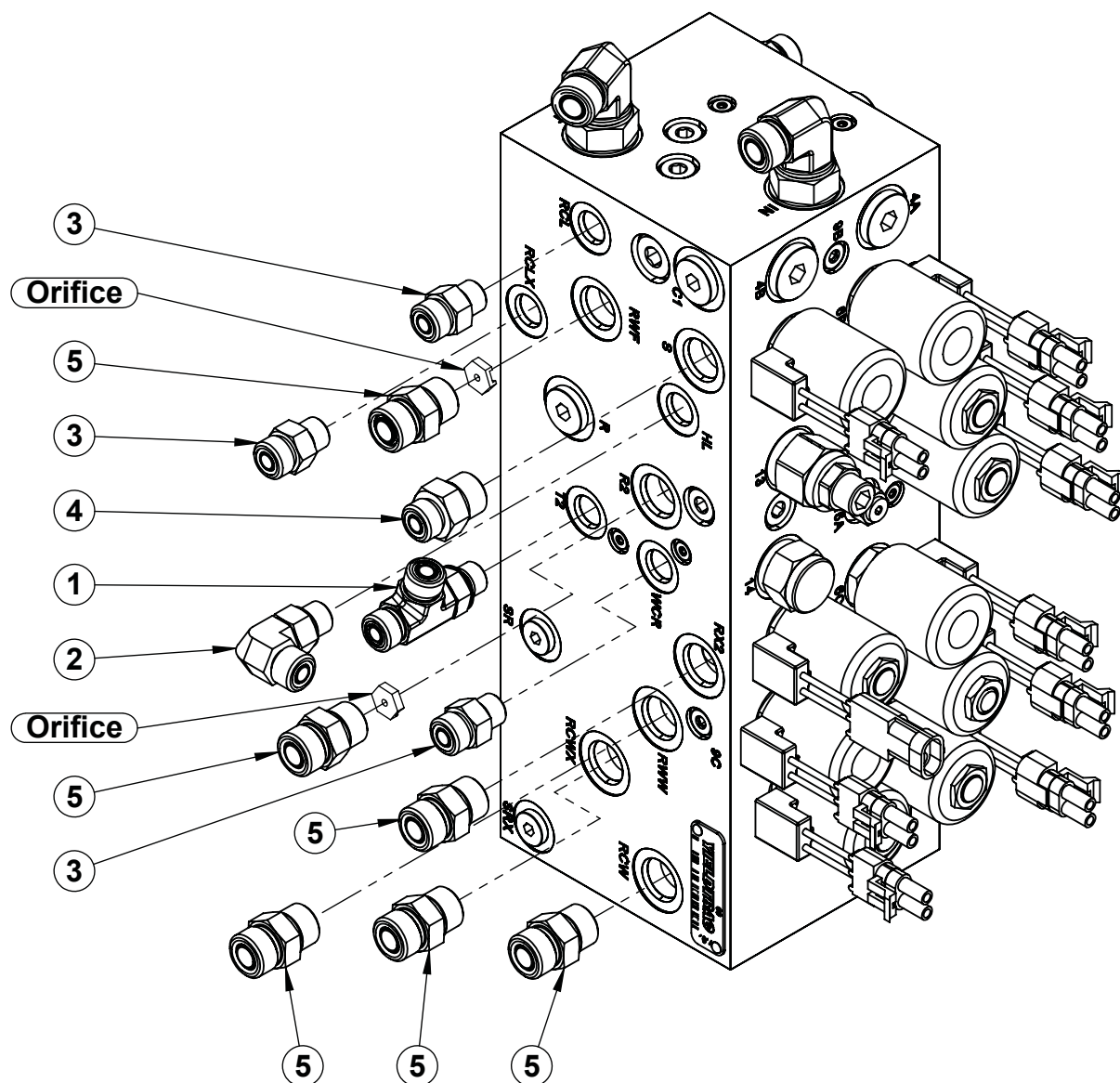
Wing Wheel Type	Orifice P/N	Description	Qty
Single Tandem	T0052365	Orifice Disc #8-.089"	4
Dual Tandem	T0055997	Orifice Disc #8-.125"	4

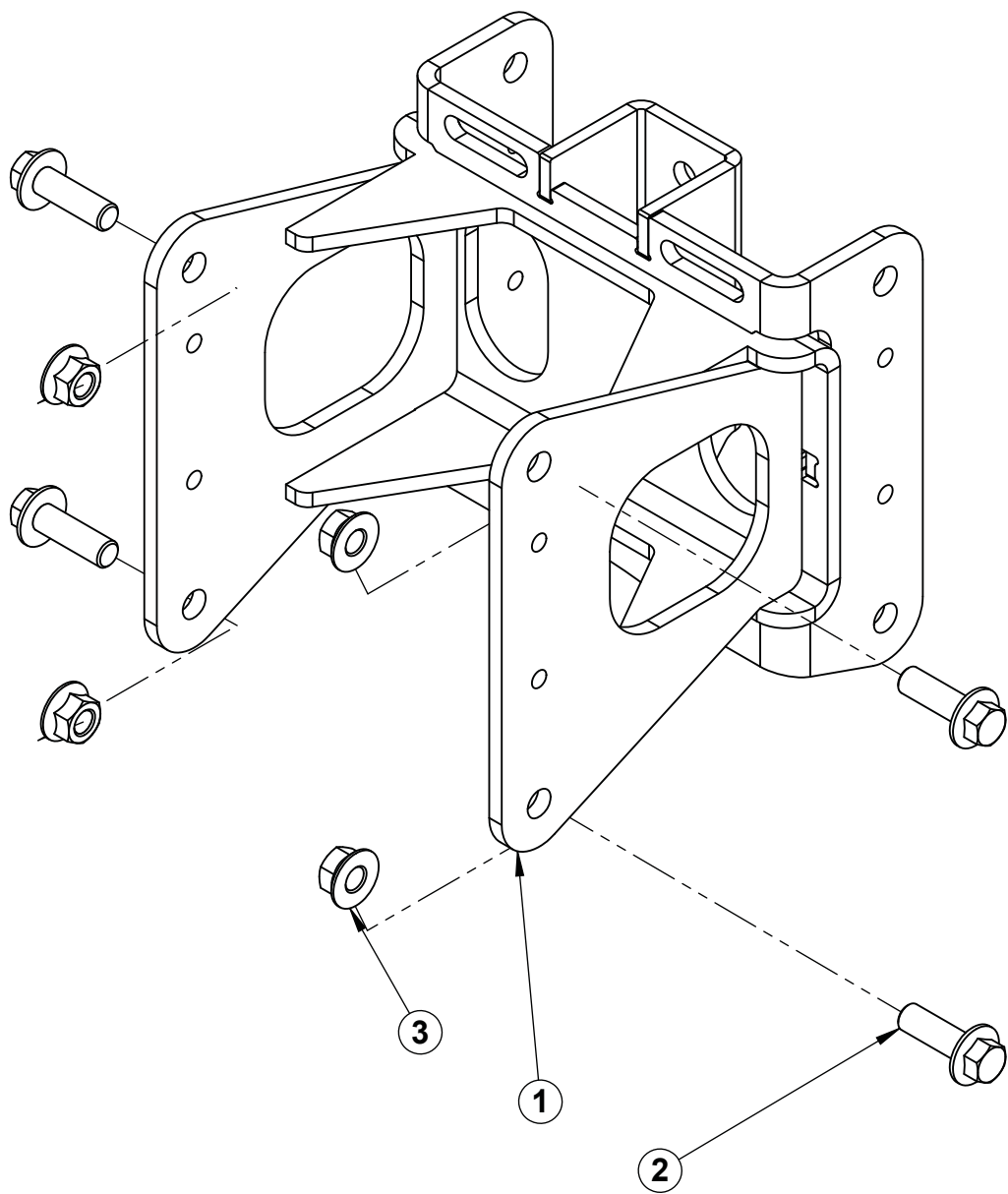
TA01929 Assy, Lift & Fold Valve

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	AD-06MFS-06MB-06MFS	Adapter, 06MFS-06MB-06MFS Tee	2	
2	AD-06MFS-06MB-90	Adapter, 06MFS-06MB 90	2	
3	AD-06MFS-06MB	Adapter, 06MFS-06MB	6	
4	AD-06MFS-08MB	Adapter, 06MFS-08MB	1	
5	AD-08MFS-08MB	Adapter, 08MFS-08MB	12	
6	AD-08MFS-10MB-90	Adapter, 08MFS-10MB 90	2	
7	T0055983	Manifold Assy, Lift & Fold	1	

Note:

1. [T=XXX] = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.
3. ** For CleanSeed Toolbars, Use 90-36-0113 with 24V Coils.



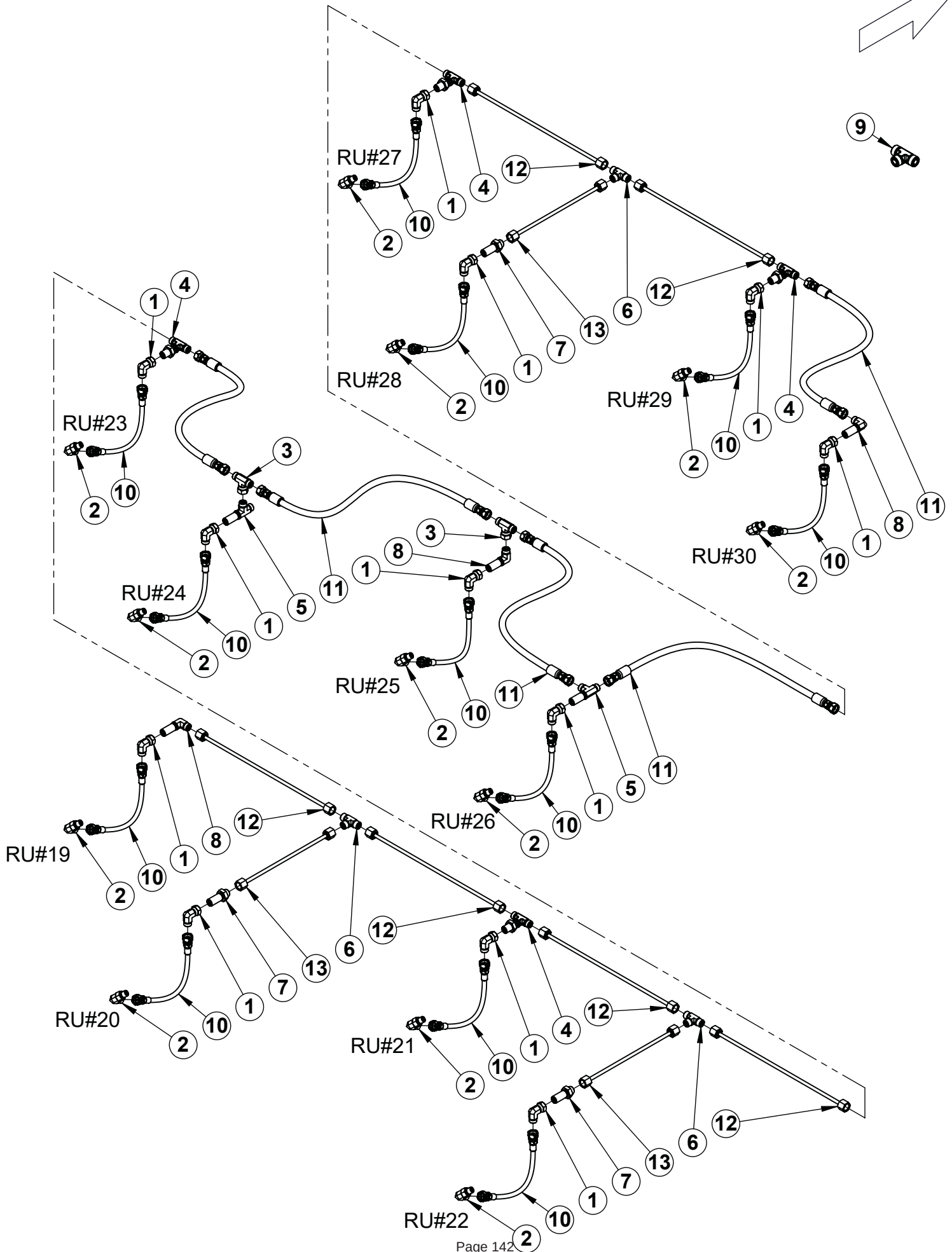
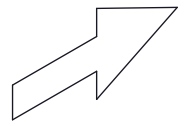


TA01974 Assy, RU 10in Bolt-On Setback

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TW001474	Wldmt, RU 10in Bolt-On Setback	1	
2	FLHB-M16-2.0x50-Y10.9	Bolt, Hex Flange M16-2.0x50-YZ10.9	4	
3	FLTLN-M16-2.0Y10	Nut, TL Hex Flange M16-2.0 YZ10	4	

Note:

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

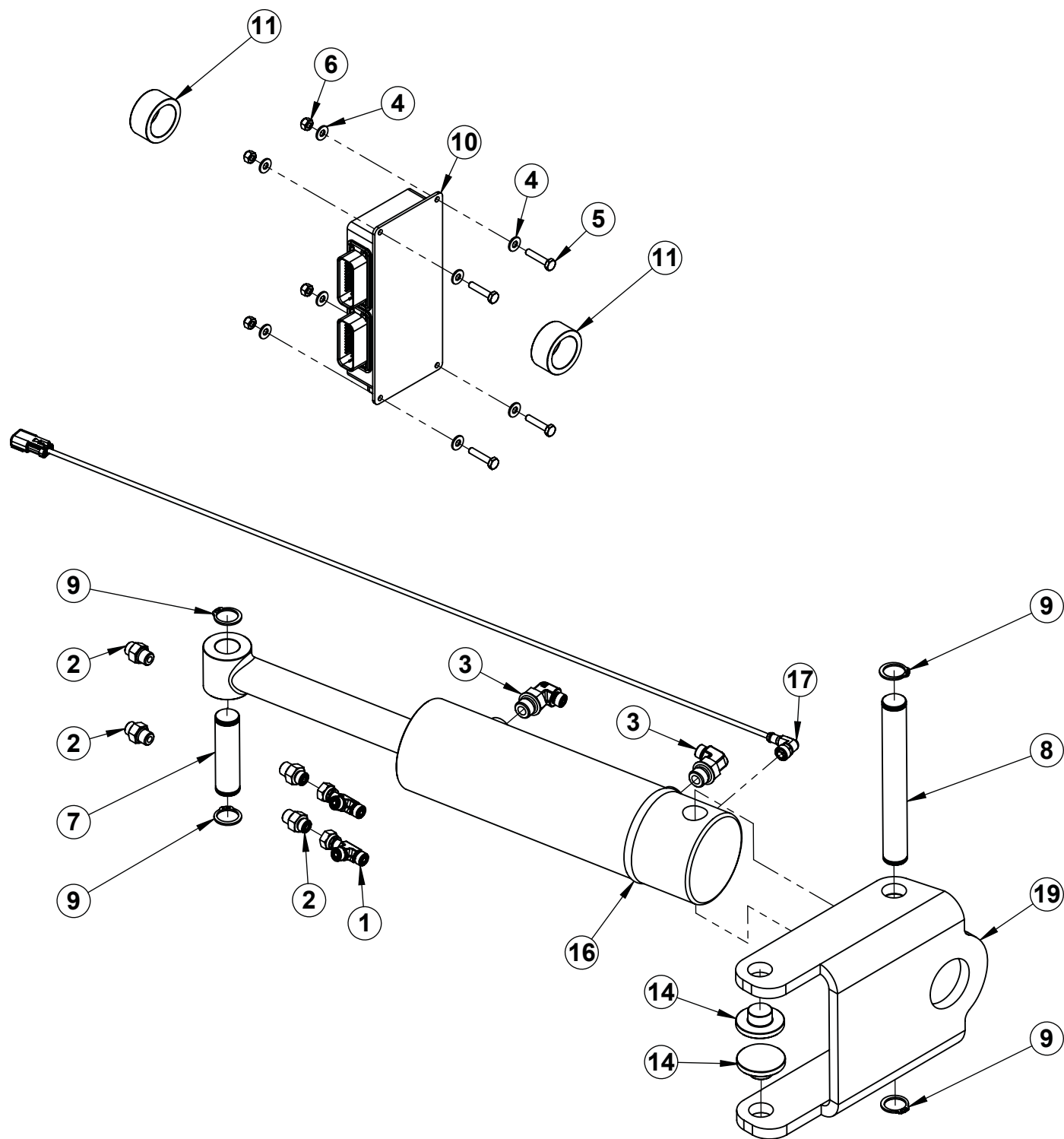


TA01989 Assy, 48R15 Center RU Lift Hose Routing

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	AD-04MFS-04FST-90	Adapter, 04MFS-04FST 90	12	
2	AD-04MFS-04MB-90	Adapter, 04MFS-04MB 90	12	
3	AD-04MFS-04MFS-04FST	Adapter, 04MFS-04MFS-04FST Tee	2	
4	AD-04MFS-04MFS-04MFS-BH	Adapter, 04MFS-04MFS-04MFS BH Tee	4	
5	AD-04MFS-04MFS-04MFS-BHR	Adapter, 04MFS-04MFS-04MFS BH Run	2	
6	AD-04MFS-04MFS-04MFS	Adapter, 04MFS-04MFS-04MFS Tee	3	
7	AD-04MFS-04MFS-BH	Adapter, 04MFS-04MFS BH	3	
8	AD-04MFS-04MFS-BH90	Adapter, 04MFS-04MFS BH 90	3	
9	AD-08MFS-08MFS-08MFS	Adapter, 08MFS-08MFS-08MFS Tee	1	
10	HS02-009-04FS-04FS	Hose 0.125-009-04FS-04FS	12	
11	HS04-021-04FS-04FS-A	Hose 0.250-021-04FS-04FS-A	5	
12	T0056083	Tube Assy, Row Lift 15" Spacing	6	
13	T0056093	Tube Assy, Row Lift 10" Setback	3	

Note:

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

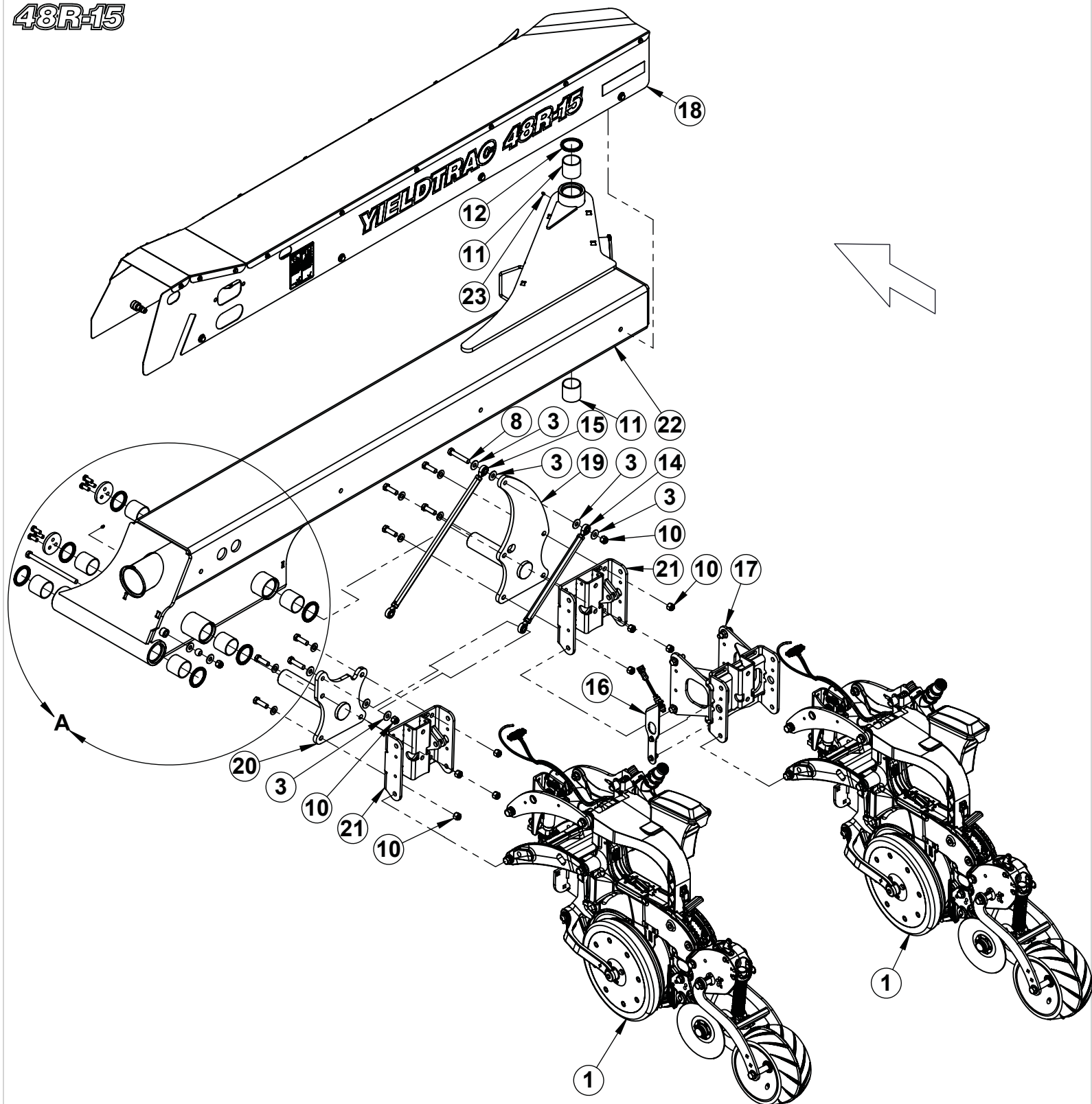


TA01999 Assy, Center Bar Side Shift

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	AD-04MFS-04FST-04MFS	AD-04MFS-04FST-04MFS	2	
2	AD-04MFS-06MB	AD-04MFS-06MB	4	
3	AD-04MFS-08MB-90	Adapter 04MFS-08MB-90	2	
4	FW-SAE-0.250Y	Washer, SAE Flat 1/4-YZ	8	
5	HB-0.250-20X1.25Y8	Bolt, Hex Hd 1/4-20x1-1/4-YZ8	4	
6	NLNUT-0.250-20Y8	Nut, Nylock 1/4-20-YZ8	4	
7	PIN-1.000X3.38Y	PIN-1.000X3.38Y	1	
8	PIN-1.000X7.625Y	Pin-1.0000x7.6250-YZ	1	
9	SRING-EXT-HD-1.00Y	SRING-EXT-HD-1.00Y	4	
10	T0053878	ISO Frame ECU	1	
11	T0054320	Spacer	2	
12	T0054380	Kit, Side Shift Valves	1	
13	T0054454	Harness, 48R15 Frame	1	
14	T0055394	UHMW Bumper	2	
15	T0055673	Harness, Height Sensor Splitter	1	
16	TA01238	Cylinder, Hyd 3.50X7.25 Sens	1	
17	TA01702	Harness, Side Shift	1	
18	TA01991	Hose Kit, 48R15 Side Shift	1	
19	TW001327	Wldmt, Cylinder Mount	1	

Note:

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

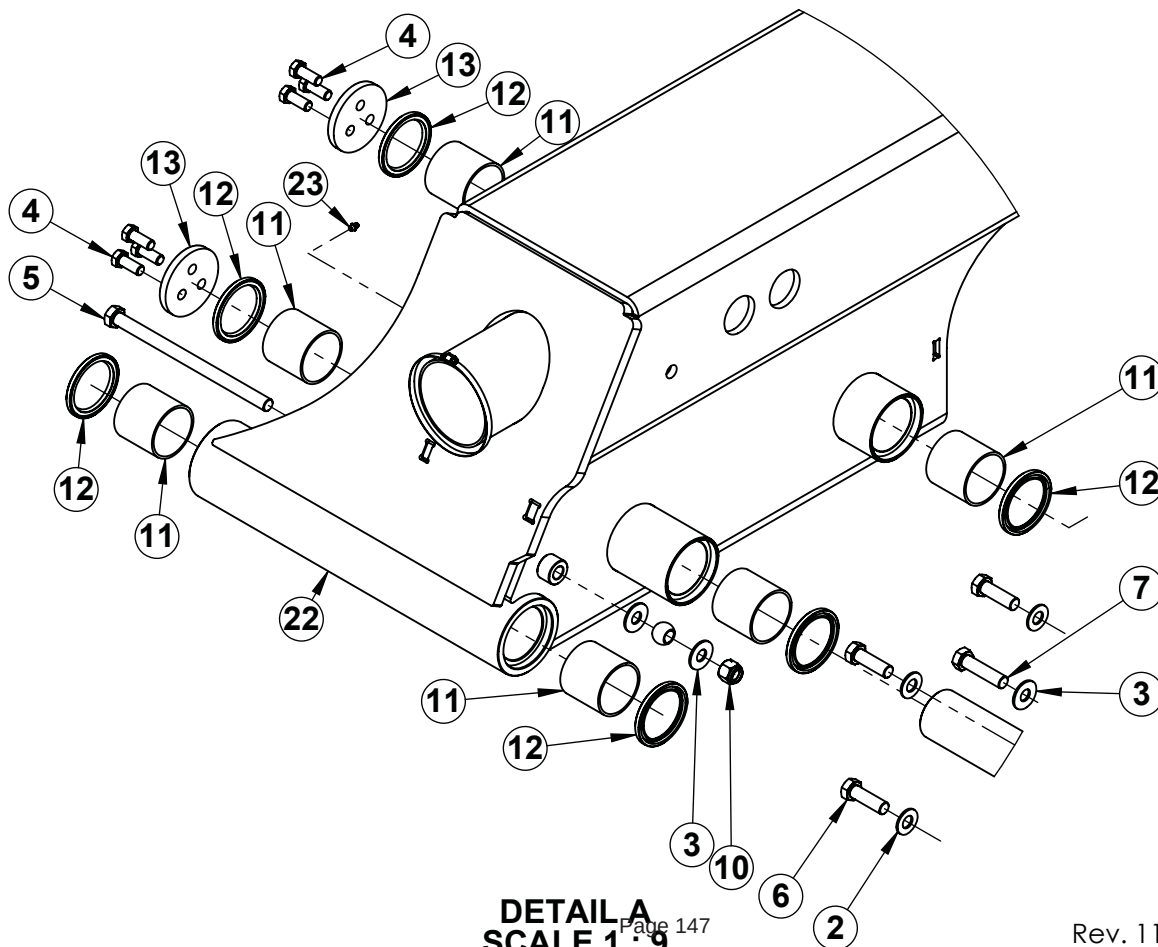


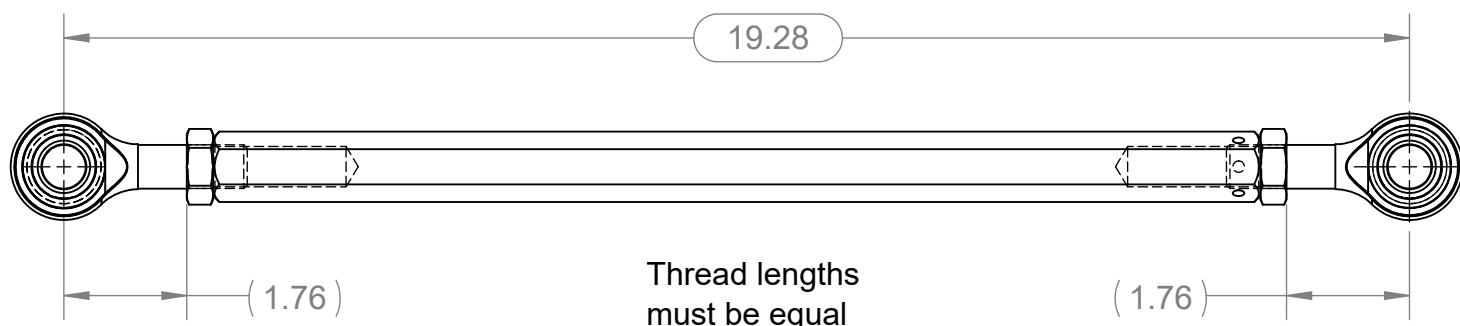
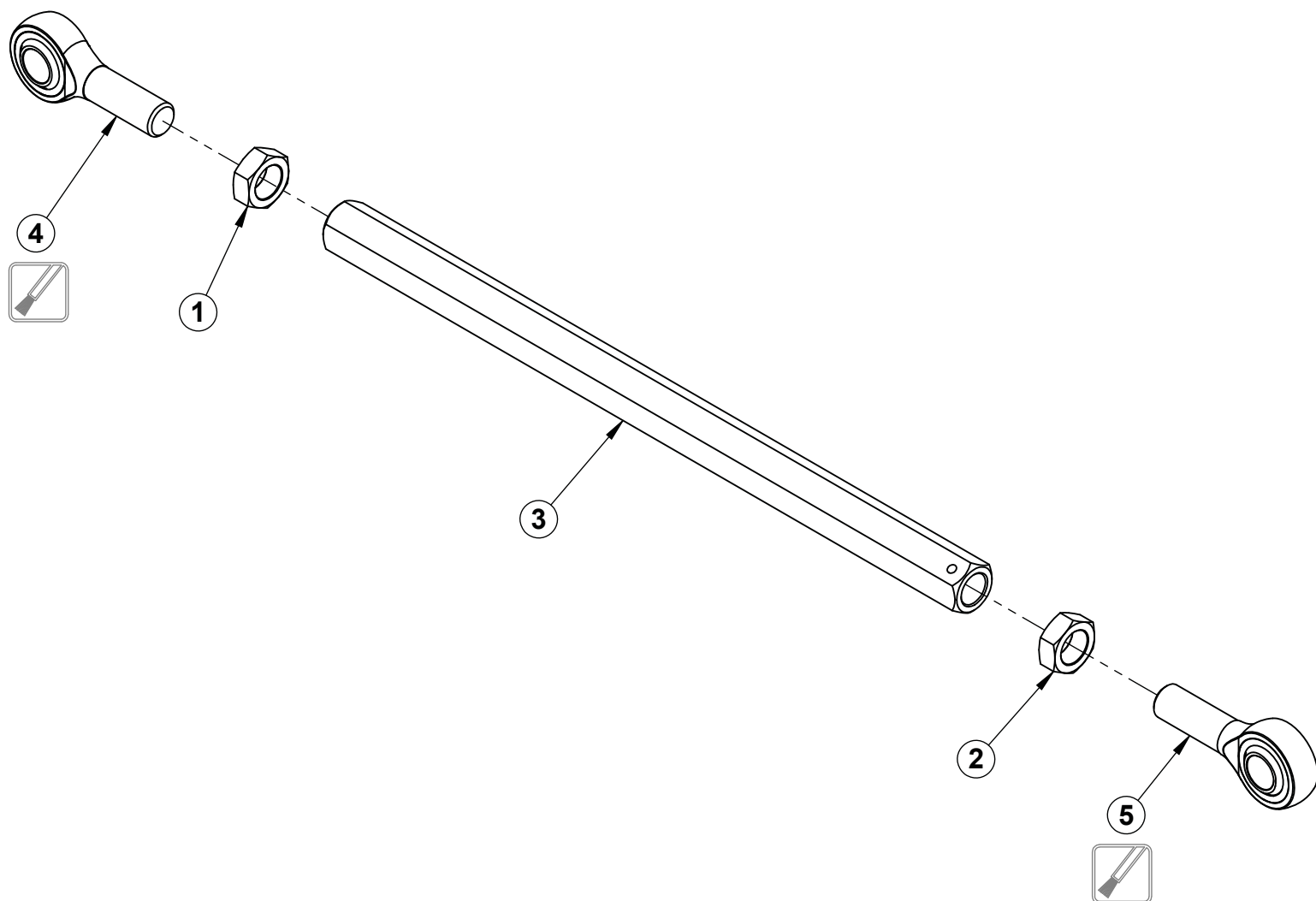
TA01961 Assy, 48R15 LH Stub Arm

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	48098614	2000 LH Row Unit	2	
2	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	8	
3	FW-USS-0.563YTH	Washer, FI 9/16 USS Th-Hrd YZ	9	
4	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	6	
5	HB-0.625-11X10.00Y8	Bolt, Hex Head-5/8-11x10.0-YZ8	1	
6	HB-0.625-11X2.00Y8	Bolt, Hex Head-5/8-11x2-YZ8	8	
7	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	1	
8	HB-0.625-11X3.50Y8	Bolt, Hex Hd-5/8-11x3-1/2-YZ8	1	
9	HCLMP-SAE-512SS	HClamp-SAE-512-SS	2	
10	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	11	
11	PB-2.500X2.75X2.50	Bush, Polygon 2.500x2.75x2.50	8	
12	T0051584	2.50 Grease Seal	7	
13	T0054041	Washer, RU Pivot	2	
14	TA01108	Tie Rod Assy	1	
15	TA01109	Tie Rod Assy	1	
16	TA01973	Assy, Row Lift Sensor	1	
17	TA01974	Assy, RU 10in Bolt-On Setback	1	
18	TA02097	Assy, 60' LH SA Shield	1	
19	TW001069	Row Unit Pivot Weld	1	
20	TW001071	Row Unit Pivot Weld	1	
21	TW001475	Wldmt, RU Bolt-On Head Bracket	2	
22	TW001492	Wldmt, 48R15 LH Stub Arm	1	
23	ZERK-0.250-28	Zerk, 1/4-28	2	

Note:

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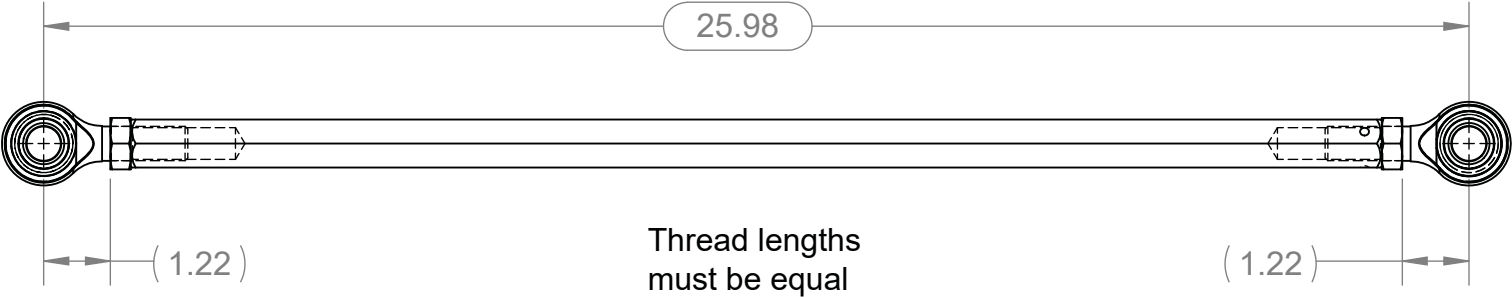
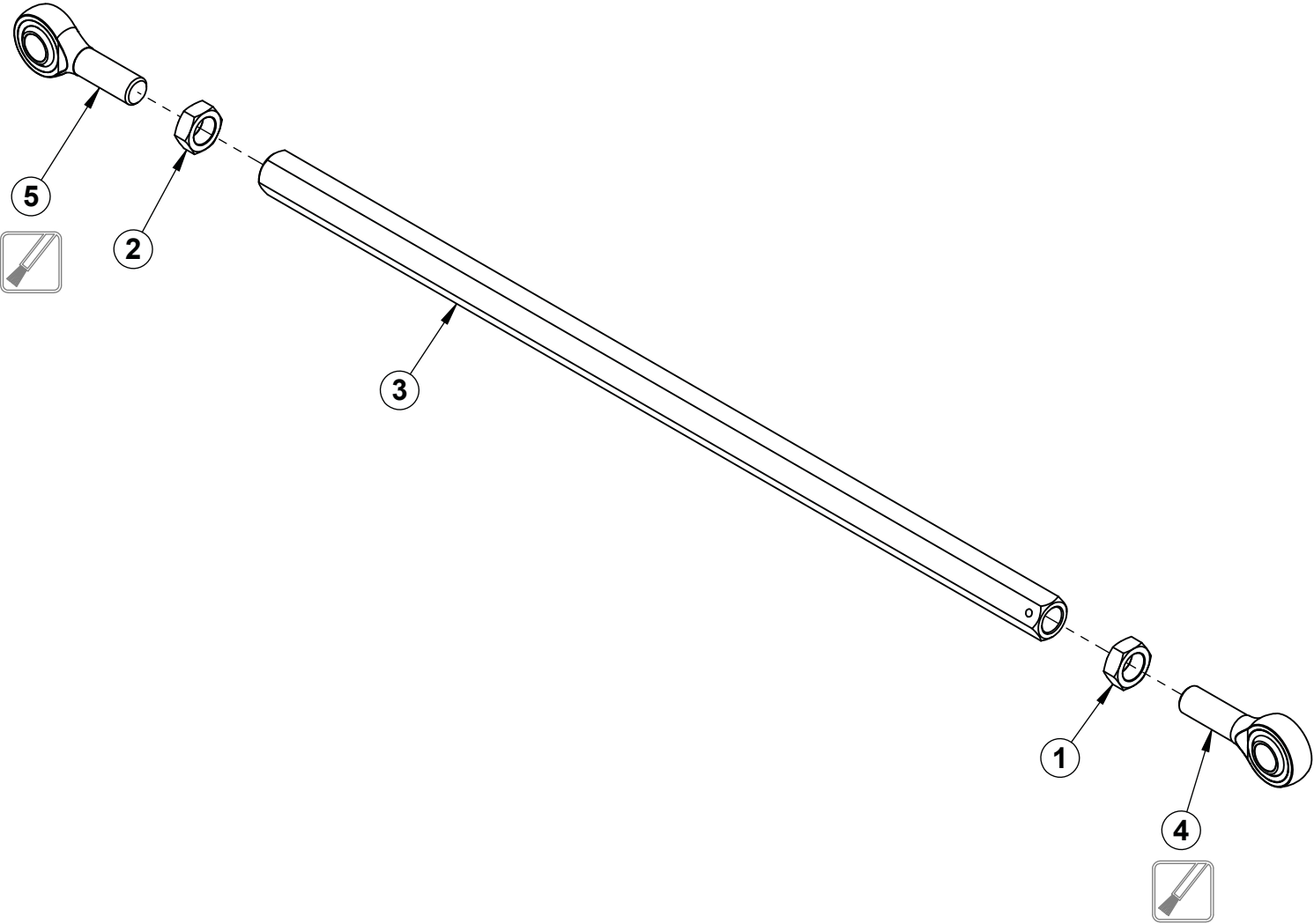


TA01108 Tie Rod Assy

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

Note:

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

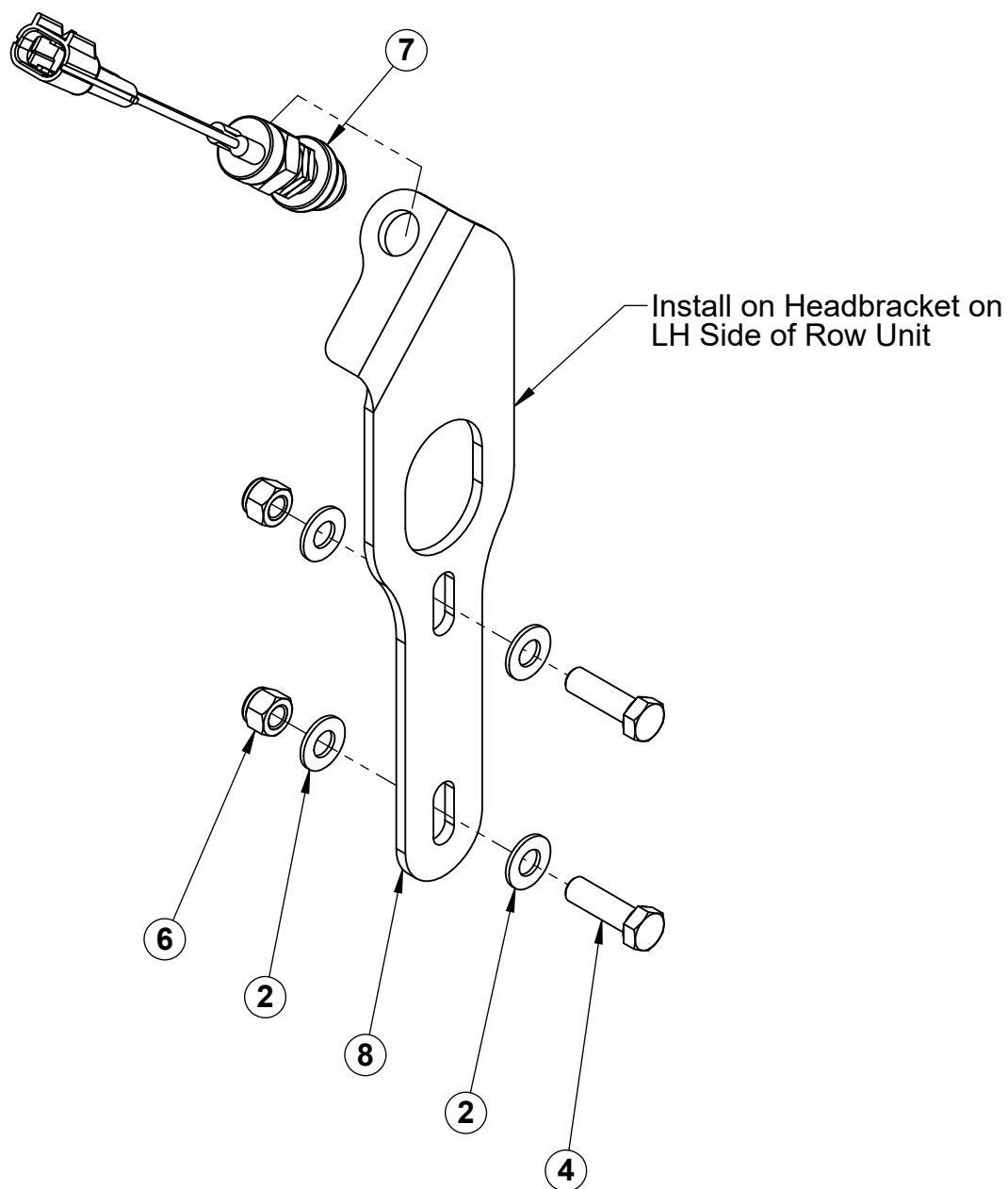
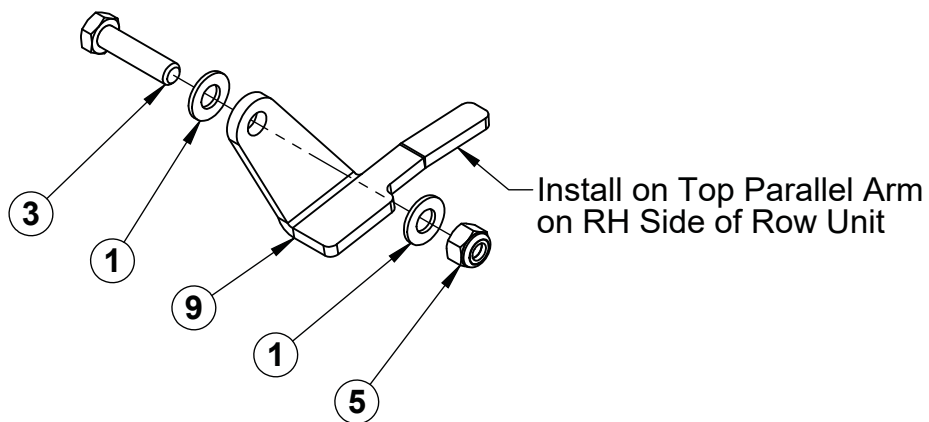


TA01109 Tie Rod Assy

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

Note:

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

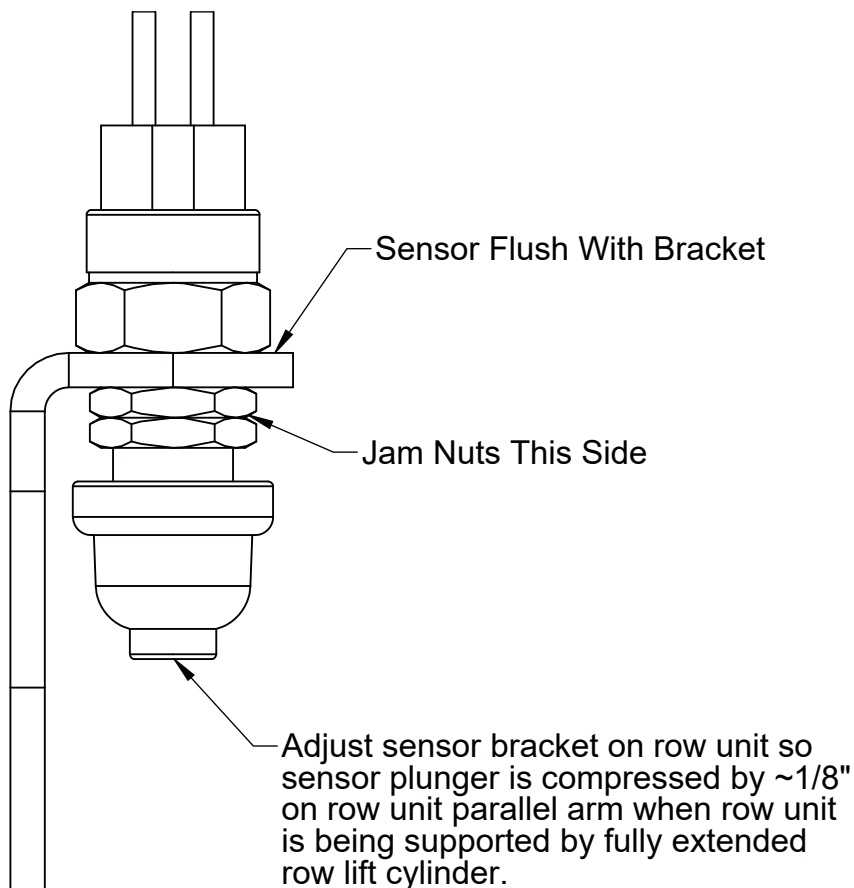


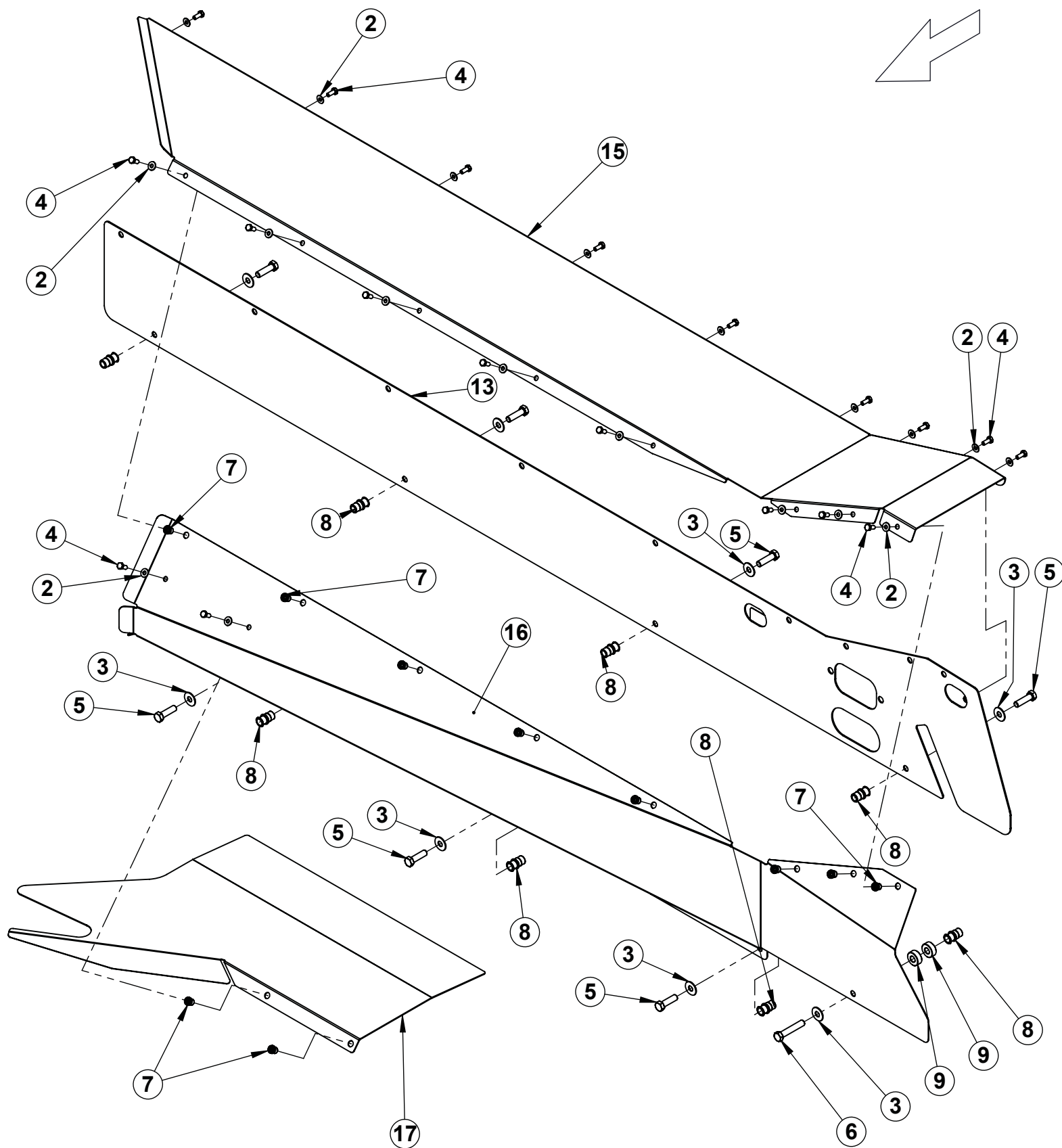
TA01973 Assy, Row Lift Sensor

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.313Y	Washer, Flat SAE 5/16 YZ	2	
2	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	4	
3	HB-0.313-18X1.25Y8	Bolt, Hex Hd 5/16-18x1-1/4 YZ8	1	
4	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	2	
5	NLNUT-0.313-18Y8	Nylon Lock Nut, 5/16-18 YZ8	1	
6	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	2	
7	T0055680	Plunger Switch	1	
8	T0056075	Bracket, Row Lift Sensor	1	
9	T0056275	Bracket, Row Lift Spacer	1	

Note:

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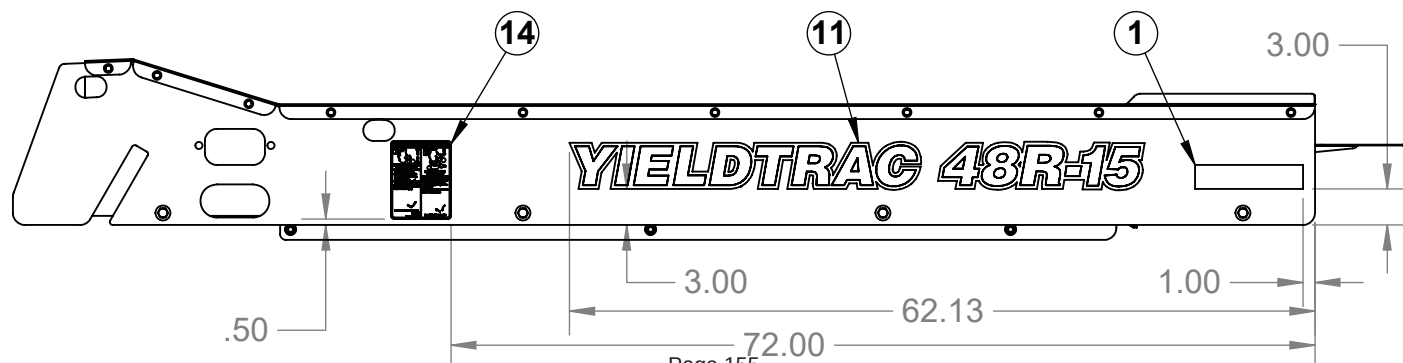
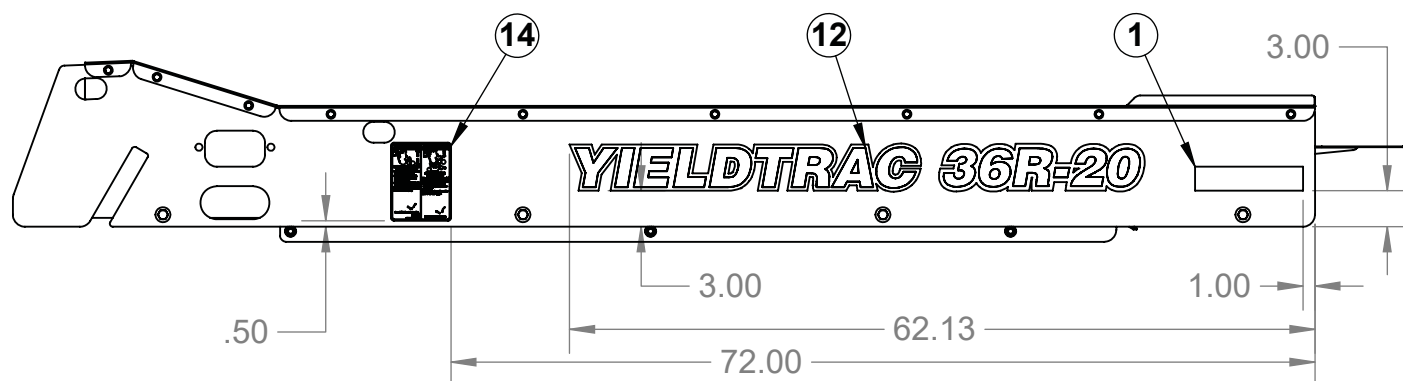
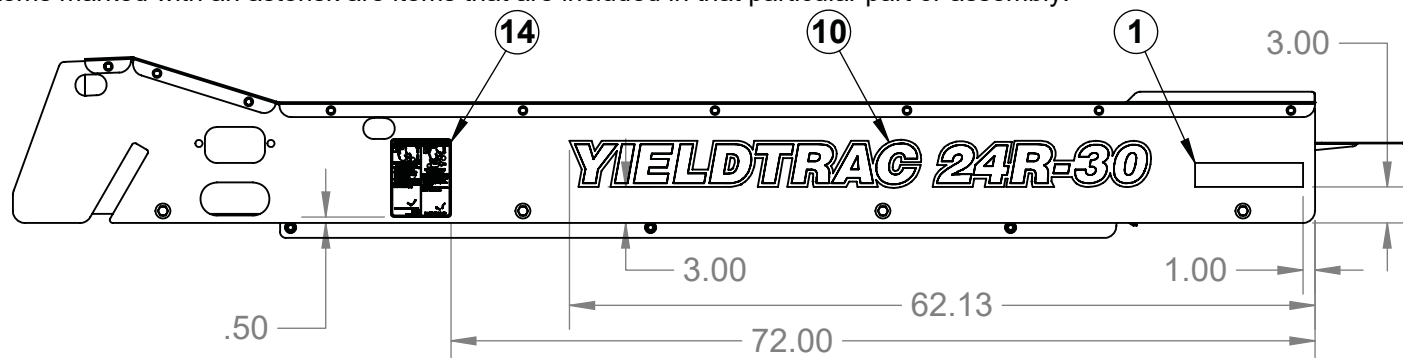


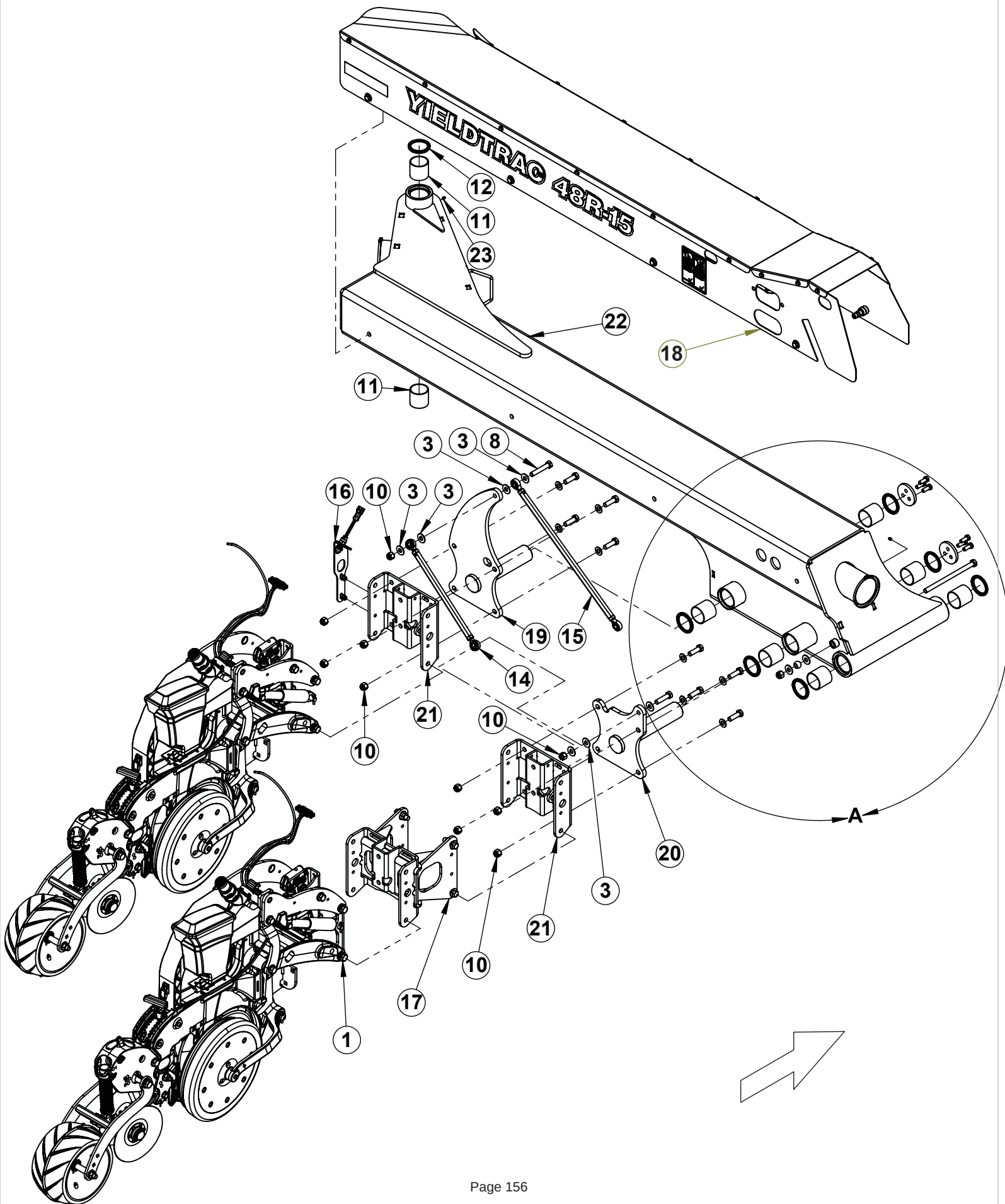
TA02097 Assy, 60' LH SA Shield

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	90-44-0410	Decal, Reflector, Yellow-2x9	1	
2	FW-USS-0.250Y	Washer, Flat USS 1/4 YZ	19	
3	FW-USS-0.438Y	Washer, Flat USS 7/16 YZ	8	
4	HB-0.313-18X0.75Y8	Bolt, Hex Hd 5/16-18x3/4 YZ8	19	
5	HB-0.500-13X1.75Y8	Bolt, Hex Hd 1/2-13x1-3/4 YZ8	7	
6	HB-0.500-13X2.75Y8	Bolt, Hex Hd 1/2-13x2-3/4 YZ8	1	
7	RN-0.313-18-.03-.15Y	Rivet Nut, 5/16-18x0.027-0.150 YZ	19	
8	RN-0.500-13-.35-.50Y	Rivnut, 1/2-13 .350-.500 GR	8	
9	T0052276	Spacer	2	
10	T0052651	Decal, Yldtrac 24R-30-3.8x48.5	1	
11	T0054100	Decal, Yldtrac 48R15-3.8x47.9	1	
12	T0054235	Decal, Yldtrac 36R20-3.8x47.9	1	
13	T0056180	Panel, 60' Stub Arm Back	1	
14	T0056182	Decal, Warning Row Unit Lift Lock	1	
15	T0056278	Cover, LH Stub Arm Shield	1	
16	T0056279	Shield, LH Stub Arm Front	1	
17	T0056280	Shelf, LH Seed Hose	1	

Note:

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



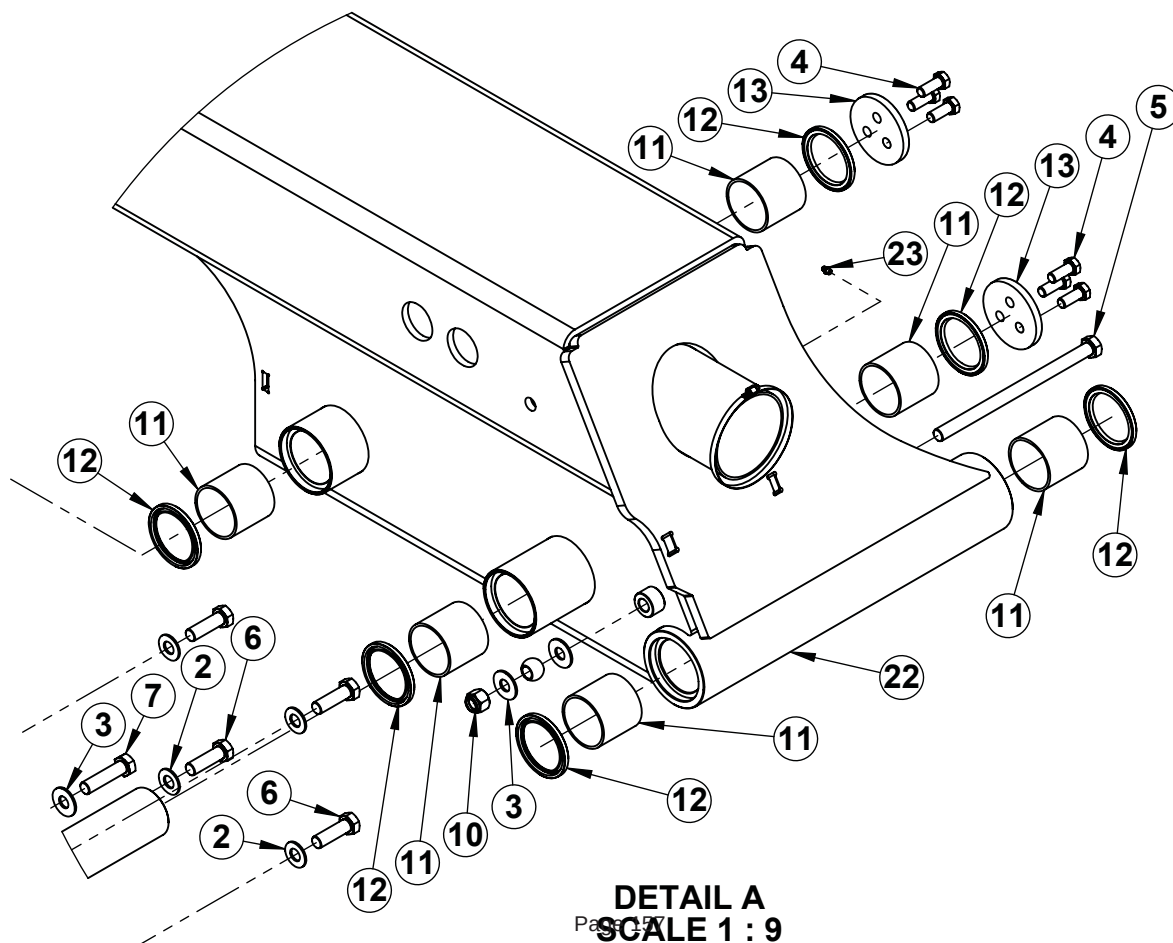


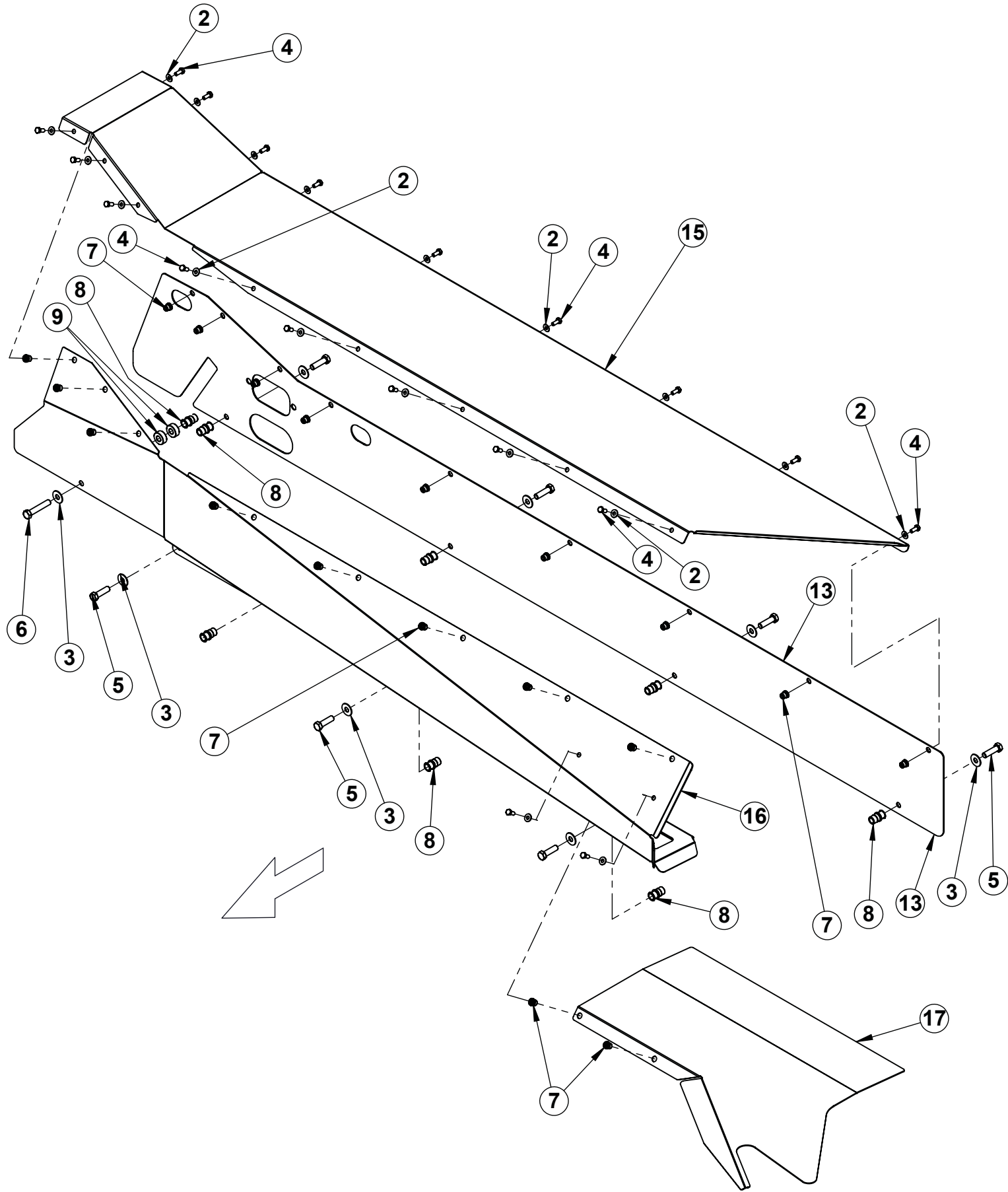
TA01962 Assy, 48R15 RH Stub Arm

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	48098615	2000 RH Row Unit	2	
2	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	8	
3	FW-USS-0.563YTH	Washer, FI 9/16 USS Th-Hrd YZ	9	
4	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	6	
5	HB-0.625-11X10.00Y8	Bolt, Hex Head-5/8-11x10.0-YZ8	1	
6	HB-0.625-11X2.00Y8	Bolt, Hex Head-5/8-11x2-YZ8	8	
7	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	1	
8	HB-0.625-11X3.50Y8	Bolt, Hex Hd-5/8-11x3-1/2-YZ8	1	
9	HCLMP-SAE-512SS	HClamp-SAE-512-SS	2	
10	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	11	
11	PB-2.500X2.75X2.50	Bush, Polygon 2.500x2.75x2.50	8	
12	T0051584	2.50 Grease Seal	7	
13	T0054041	Washer, RU Pivot	2	
14	TA01108	Tie Rod Assy	1	
15	TA01109	Tie Rod Assy	1	
16	TA01973	Assy, Row Lift Sensor	1	
17	TA01974	Assy, RU 10in Bolt-On Setback	1	
18	TA02098	Assy, 60' RH SA Shield	1	
19	TW001068	Row Unit Pivot Weld	1	
20	TW001070	Row Unit Pivot Weld	1	
21	TW001475	Wldmt, RU Bolt-On Head Bracket	2	
22	TW001493	Wldmt, 48R15 RH Stub Arm	1	
23	ZERK-0.250-28	Zerk, 1/4-28	2	

Note:

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



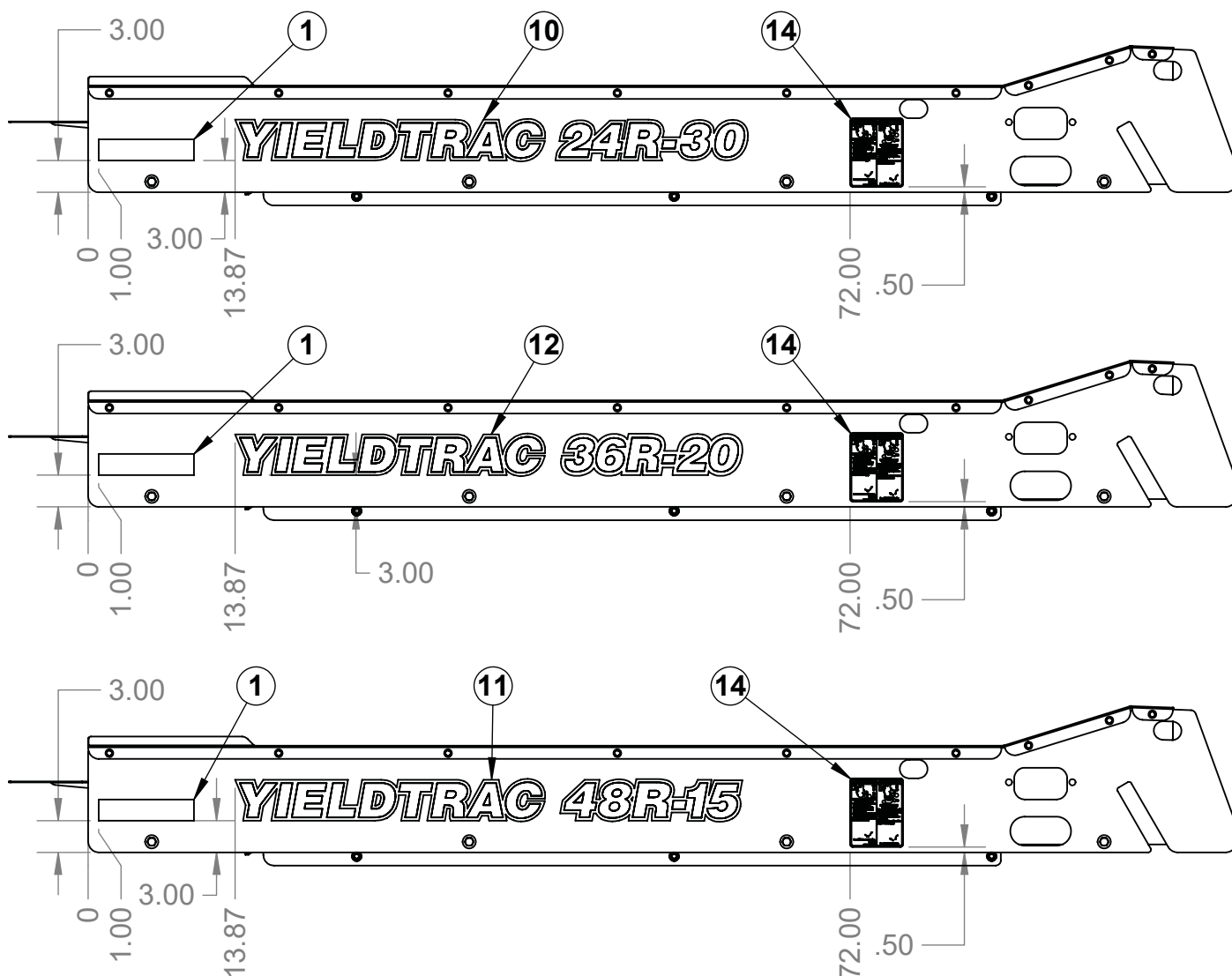


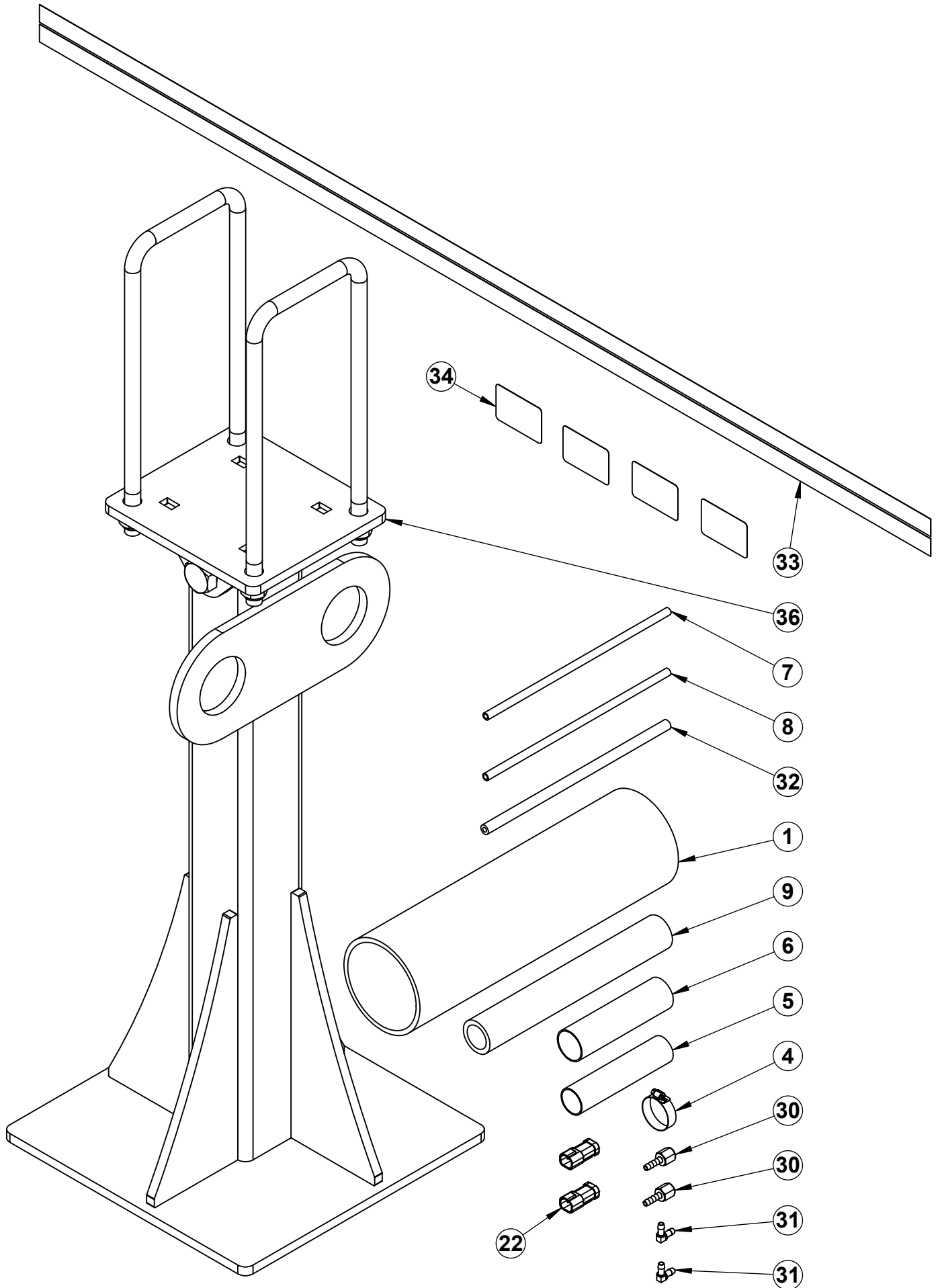
TA02098 Assy, 60' RH SA Shield

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	90-44-0410	Decal, Reflector, Yellow-2x9	1	
2	FW-USS-0.250Y	Washer, Flat USS 1/4 YZ	19	
3	FW-USS-0.438Y	Washer, Flat USS 7/16 YZ	8	
4	HB-0.313-18X0.75Y8	Bolt, Hex Hd 5/16-18x3/4 YZ8	19	
5	HB-0.500-13X1.75Y8	Bolt, Hex Hd 1/2-13x1-3/4 YZ8	7	
6	HB-0.500-13X2.75Y8	Bolt, Hex Hd 1/2-13x2-3/4 YZ8	1	
7	RN-0.313-18-.03-.15Y	Rivet Nut, 5/16-18x0.027-0.150 YZ	19	
8	RN-0.500-13-.35-.50Y	Rivnut, 1/2-13 .350-.500 GR	8	
9	T0052276	Spacer	2	
10	T0052651	Decal, Yldtrac 24R-30-3.8x48.5	1	
11	T0054100	Decal, Yldtrac 48R15-3.8x47.9	1	
12	T0054235	Decal, Yldtrac 36R20-3.8x47.9	1	
13	T0056180	Panel, 60' Stub Arm Back	1	
14	T0056182	Decal, Warning Row Unit Lift Lock	1	
15	T0056285	Cover, RH Stub Arm Shield	1	
16	T0056286	Shield, RH Stub Arm Front	1	
17	T0056287	Shelf, RH Seed H0se	1	

Note:

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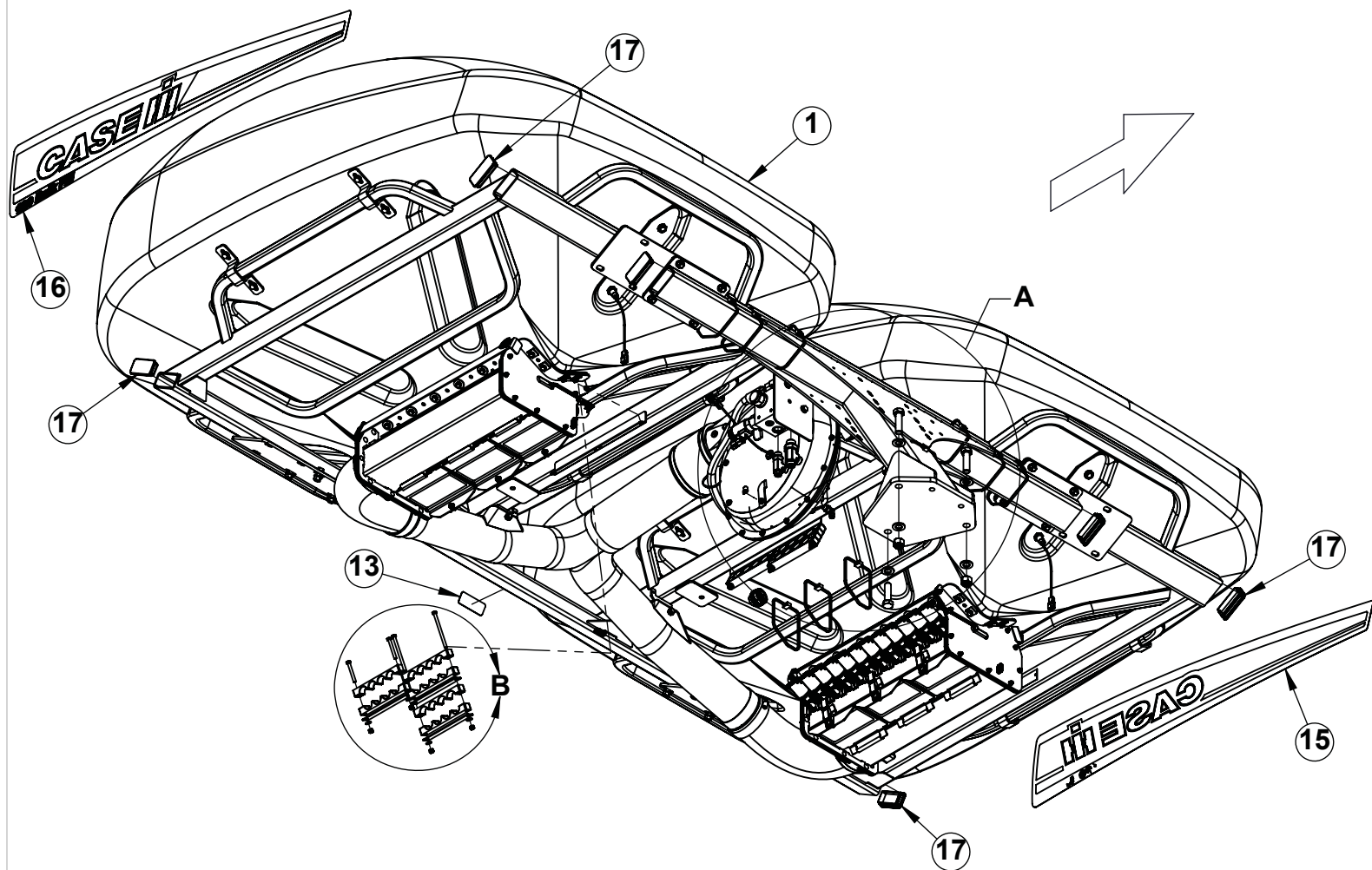


TA01988 Assy, Bulk Material 48R15 FF 2000

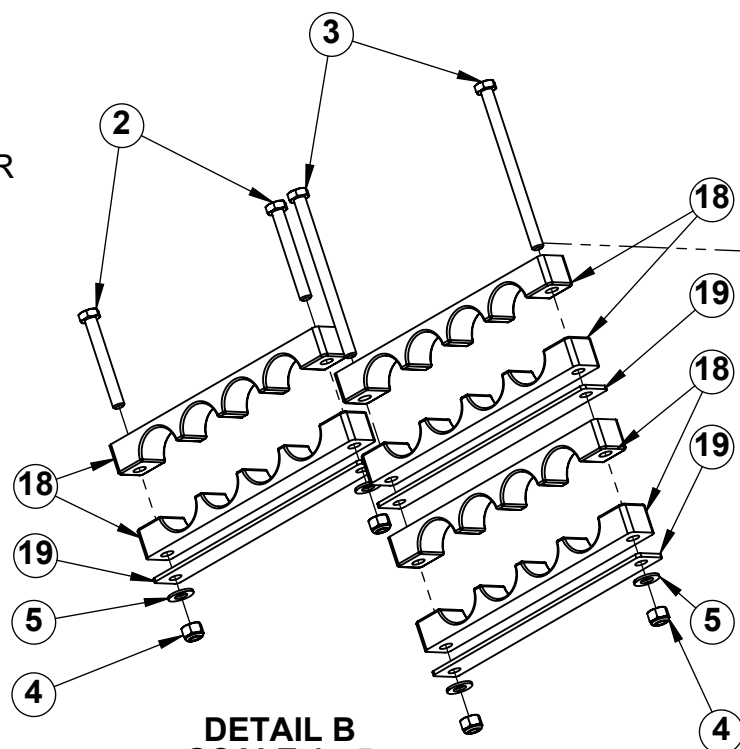
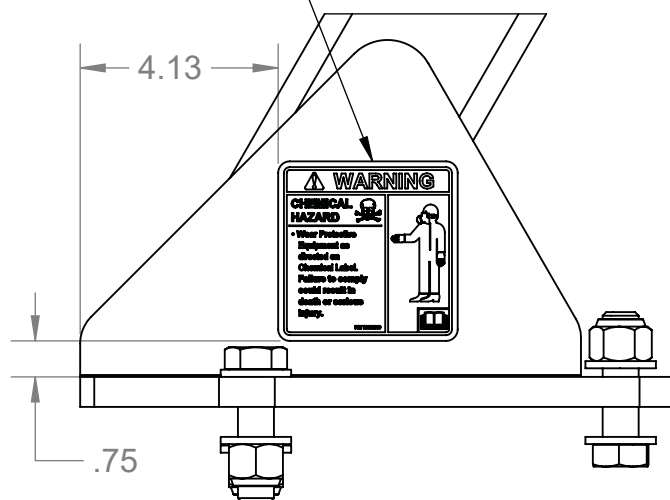
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0051671	Hose, Vacuum 4.5" (per ft)	10	
2	T0051672	Hose, 1.00" PVC (per ft)	500	
3	T0051673	Hose, 1.25" PVC (per ft)	300	
4	HCLMP-SAE-16SS	Hose Clamp, SAE #16 SS	40	
5	T0051572	Hose Sleeve - 1.25" ID x 6.00"	12	
6	T0055447	Hose Sleeve - 1.50" ID x 6.00"	24	
7	T0055739	Air Line, 0.375" White (per ft)	125	
8	T0055740	Air Line, 0.375" Blue (per ft)	125	
9	T0056097	Hose, Vacuum 1.25" (per ft)	75	
10	73341728	Bulk Oil, UltrAction (per gal)	20	
11	T0052516	Gear Lube 80W90 (per gal)	1	
12	T0052528	Spiral Poly Wrap 1.00 (per ft)	40	
13	TA01981	Hose Kit, Base 48R15 FF 2000	1	
14	T0055659	Harness, Secondary PDM	1	
15	T0056335	Harness, PDM Adapter Gen3	1	
16	T0056252	Harness, CAN Ext 15'	3	
17	T0056255	Harness, APEX Power 5'	4	
18	T0056256	Harness, APEX Power 15'	2	
19	T0056257	Harness, APEX Power 25'	2	
20	T0056259	Harness, Backbone 6R15	8	
21	T0056265	Harness, UCM Planter CAN	1	
22	73368520	Plug, Terminator PP (4-Pin)	2	
23	T0056002	Harness, Warning Lights	2	
24	T0056203	Harness, Row Lift Fold Sensor	1	
25	T0056204	Harness, Row Lift Fold Indicator	1	
26	47684480	Harness, Hitch Ext 126"	1	
27	T0055645	Harness, Toolbar FF 2000 Series	1	
28	T0055685	Harness, Hitch ISO 2000 Series	1	
29	T0056338	Harness, Hitch Latch Indicator	1	
30	T0056058	Hose Barb, Brass 1/4" Hose x 1/4" NPT	2	
31	T0056061	Elbow, Vacuum Tap	2	
32	T0056062	Hose, 1/4" Clear Vinyl (per ft)	6	
33	T0054107	Decals, 48 Row Unit Numbers	1	
34	T0056209	Decal, Row Cleaner Float	4	
35	T0051552	Sticker-Tite Rubber Gasket Cut Length 36.63"	35	
36	TA01705	Assy, Shipping Stand	1	

Note:

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12 ONLY INSTALL IF PLANTER IS GETTING FERTILIZER.



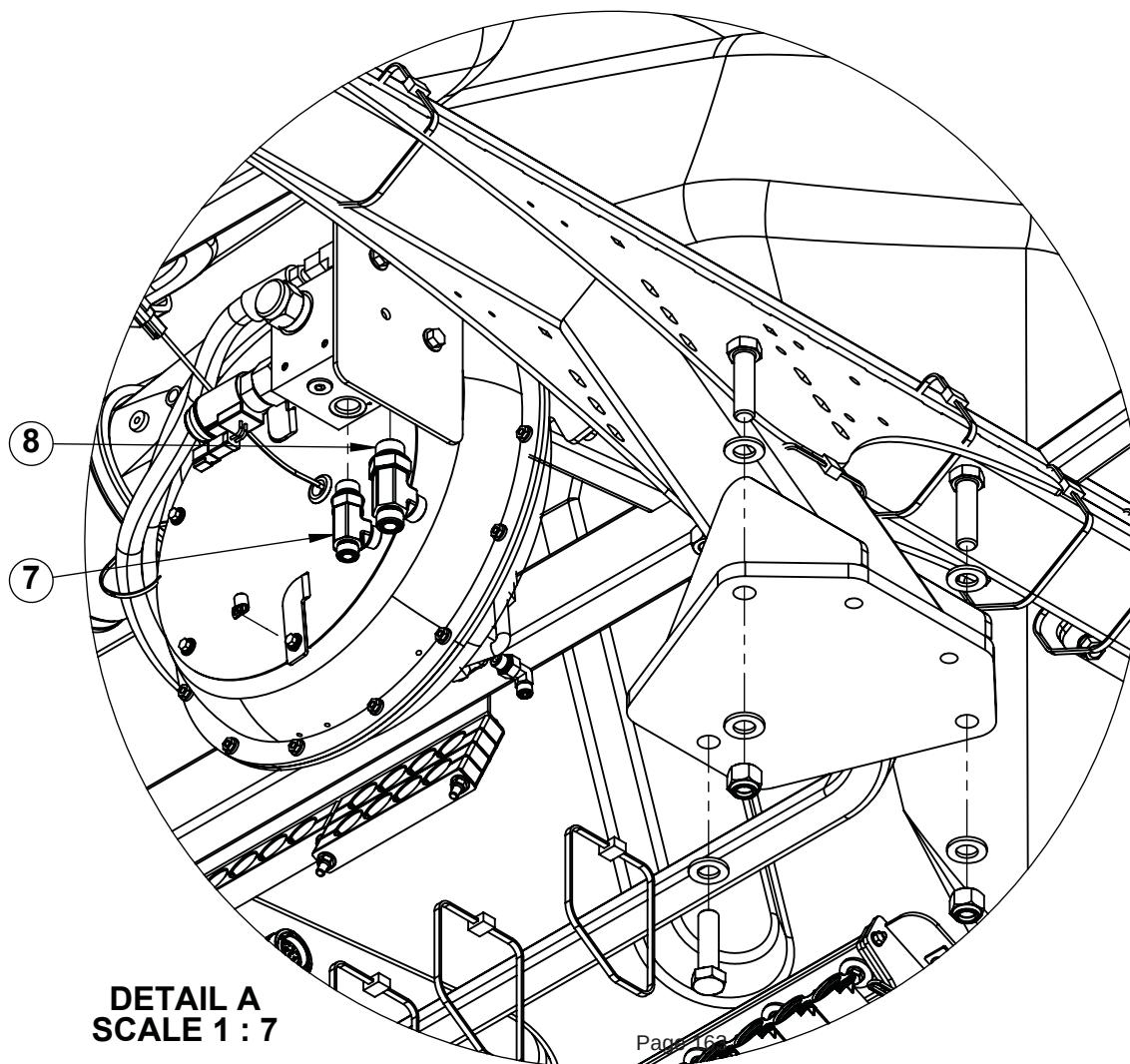
DETAIL B
SCALE 1 : 5

TA01945 Assy, Bulk Fill

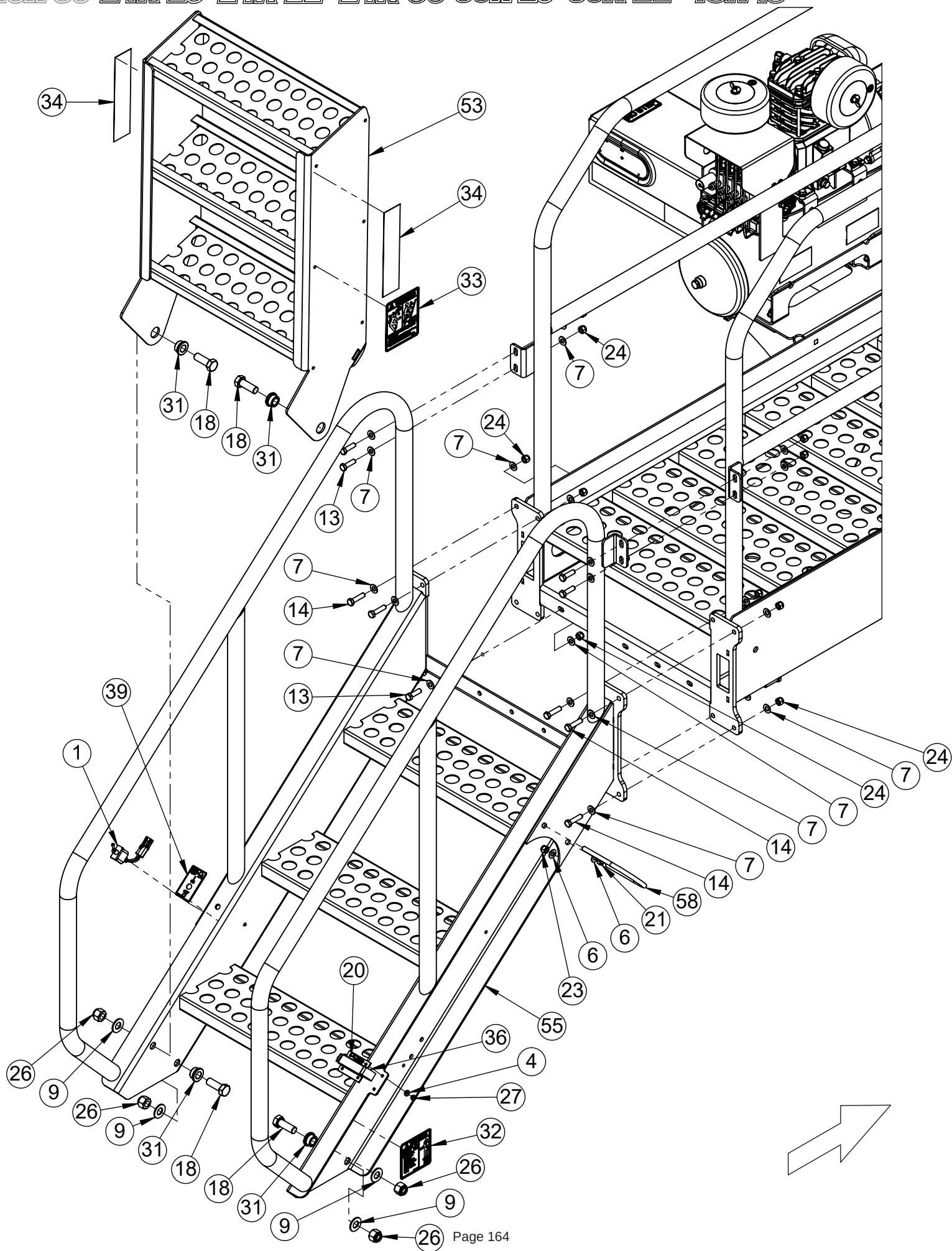
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	48103239	CNH Bulk Fill	1	
2	HB-0.313-18X2.50Y8	Bolt, Hex Hd 5/16-18x2-1/2 YZ8	4	
3	HB-0.313-18X4.50Y8	Bolt, Hex Hd 5/16-18x4-1/2 YZ8	4	
4	NLNUT-0.313-18Y8	Nylon Lock Nut, 5/16-18 YZ8	8	
5	FW-SAE-0.313Y	Washer, Flat SAE 5/16 YZ	8	
6	AD-04MFS-06MB-90	Adapter, 04MFS-06MB 90	1	
7	AD-08MFS-10MB-08MFS	Adapter, 08MFS-10MB-08MFS Tee	1	
8	AD-10MFS-12MB-10MFS	Adapter, 10MFS-12MB-10MFS Tee	1	
9	FW-SAE-0.750Y	Washer, Flat SAE 3/4 YZ	6	
10	HB-0.750-10X2.75Y8	Bolt, Hex Hd 3/4-10x2-3/4 YZ8	3	
11	NLNUT-0.750-10Y8	Nylon Lock Nut, 3/4-10 YZ8	3	
12	T0051589	Decal, Warning-Chemical Hazard	1	
13	T0051653	Decal, No Step	1	
14	T0051717	P-Clamp, .3125 Ø.281 Hole	1	
15	T0052294	Decal, Bulk Fill LH	1	
16	T0052295	Decal, Bulk Fill RH	1	
17	T0052517	Plug, Rect Tube 2x4x6-8Ga	6	
18	T0056573	Clamp, Hose - Seed Ø1.25 4X	12	
19	T0056486	Plate, Clamp Support	6	

Note:

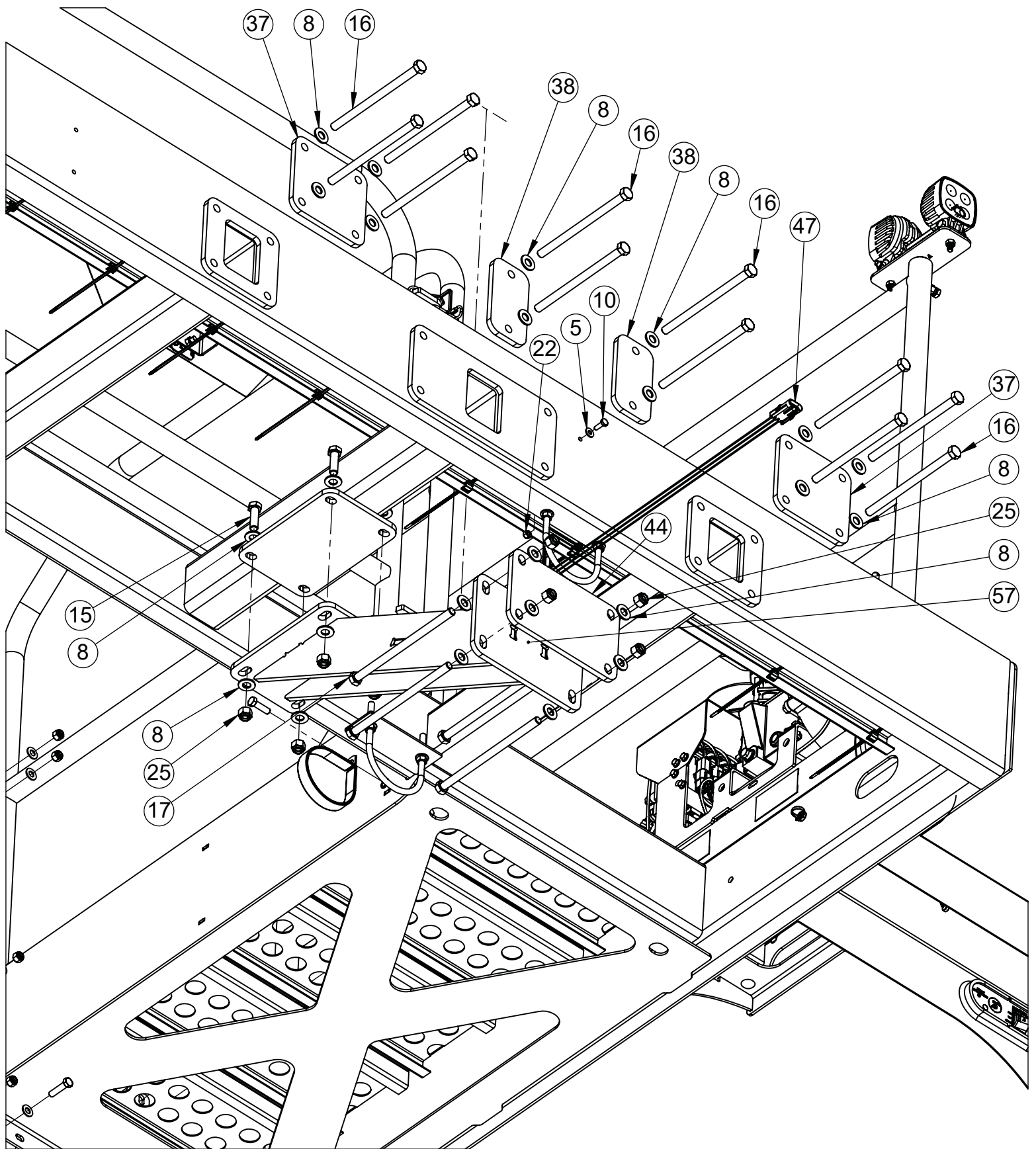
1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
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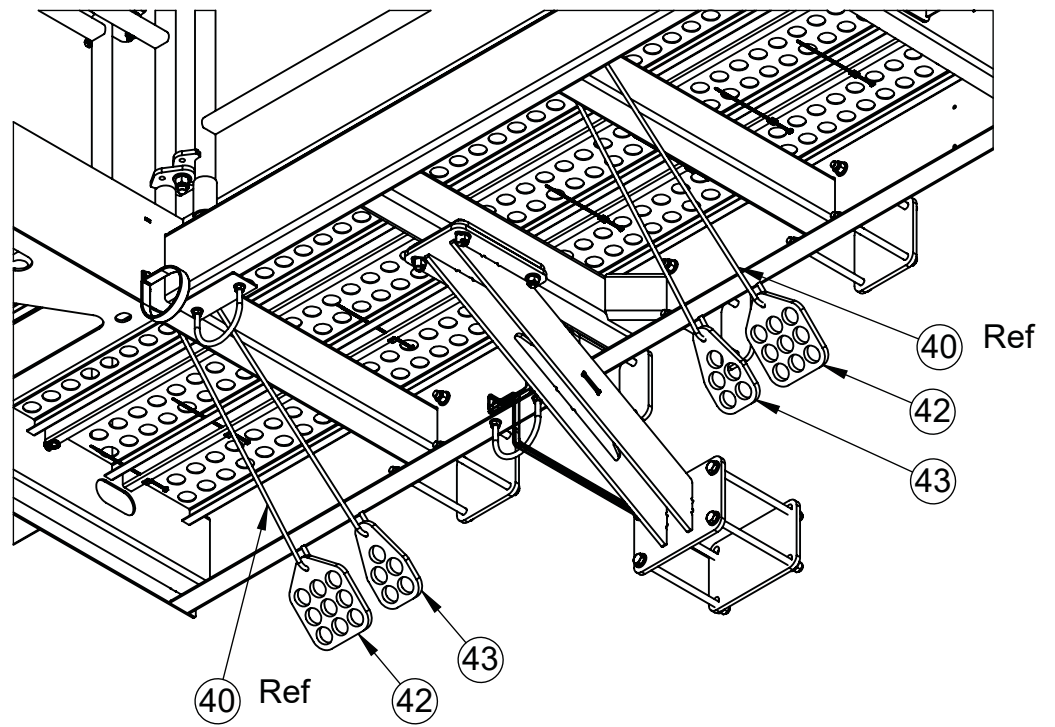
DETAIL A
SCALE 1 : 7



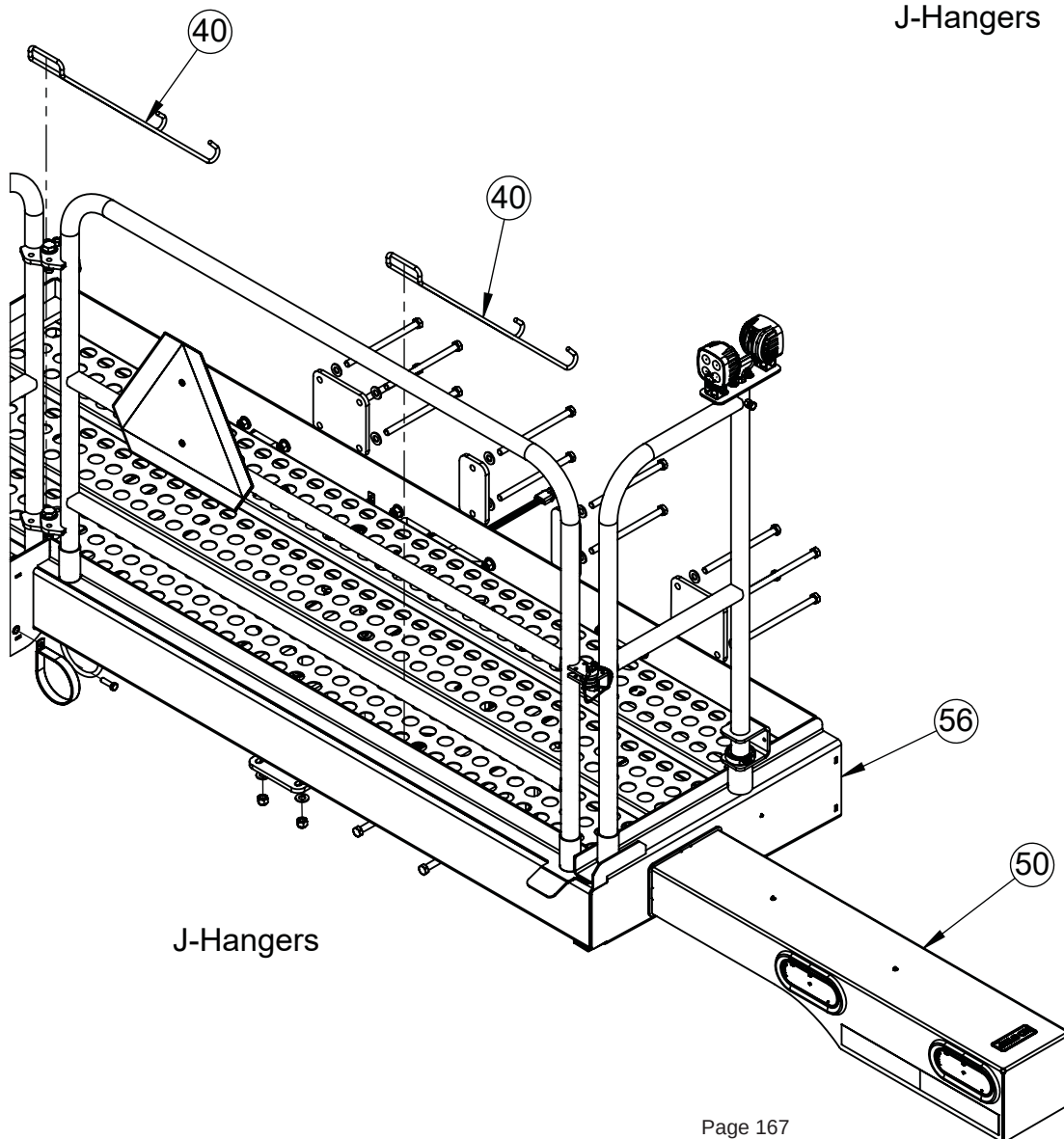
TA01946 Assy, Ladder Platform				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0053647	Switch, On/Off	1	
2	CBLTIEMT-.256-.276-HL	Cable Tie Mount, 0.03-0.28	4	
3	EDGCLP-CBLTIE-.04-.18	Edge Clip, W/CblTie PT.04-.18	10	
4	FW-SAE-#10C	Washer, Flat SAE #10 CZ	4	
5	FW-SAE-0.250Y	Washer, Flat SAE 1/4 YZ	5	
6	FW-SAE-0.375SS	Washer, Flat SAE 3/8 SS	12	
7	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	34	
8	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	40	
9	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	8	
10	HB-0.250-20X0.75Y8	Bolt, Hex Hd 1/4-20x3/4 YZ8	1	
11	HB-0.250-20X1.00Y8	Bolt, Hex Hd 1/4-20x1 YZ8	2	
12	HB-0.375-16X0.75Y8	HBolt-0.3750-16x0.750-YZ8	2	
13	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	10	
14	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2 YZ8	8	
15	HB-0.500-13X1.63Y8	Bolt, Hex Hd 1/2-13x1-5/8 YZ8	4	
16	HB-0.500-13X8.00Y8	Bolt, Hex Hd 1/2-13x8 YZ8	12	
17	HB-0.500-13X9.00Y8	Bolt, Hex Hd 1/2-13x9 YZ8	4	
18	HB-0.625-11X1.75Y8	Bolt, Hex Hd 5/8-11x1-3/4 YZ8	4	
19	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	2	
20	HB-10-24X0.75C2	Bolt, Hex Hd 10-24x3/4 CZ2	4	
21	HNUT-0.375-16SS	Nut, Hex 3/8-16 SS	6	
22	NLNUT-0.250-20Y8	Nylon Lock Nut, 1/4-20 YZ8	3	
23	NLNUT-0.375-16SS	Nylon Lock Nut, 3/8-16 SS	6	
24	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	17	
25	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	20	
26	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	6	
27	NLNUT-10-24C	Nylon Lock Nut, 10-24 CZ2	4	
28	PCLMP-4.000x2.56	Clamp, Tube 4x13/32	1	
29	RN-0.375-16-.15-.31Y	Rivet Nut, 3/8-16x0.150-0.312 YZ	5	
30	SFTCOLLAR-1.500BO	Shaft Collar, 1-1/2 BO	1	
31	T0050854	Anti Rotation Insert	6	
32	T0051589	Decal, Warning-Chemical Hazard	1	
33	T0051596	Decal, Warning - Ladder Lowering	1	
34	90-44-0410	Decal, Reflector, Yellow-2x9	2	
35	T0052167	Cap, Tube Ø1.50 Vinyl	3	
36	T0052227	Latch, Flush Fngr Pull Slm 25#	1	
37	T0052241	Plate, Ladder Attachment	2	
38	T0052242	Plate, Ladder Attach	2	
39	T0052291	Decal, Ladder Platform Lights	1	
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	T0055786	Plate, Ladder Wldmt Bolt	1	
45	TA00678	Assy, SMV Sign	1	
46	TA00791	Assy, Lynch Pin & Lanyard	2	
47	TA00996	Harness, Bulk Fill Lights	1	
48	TA01247	Assy, Light Arm Extension	2	
49	TA01943	Assy, LH LED Taillight	1	
50	TA01944	Assy, RH LED Taillight	1	
51	TA01947	Assy, Air Compressor	1	
52	TW000753	Wldmnt, Railing Rear Hinged	1	
53	TW000762	Wldmt, Folding Step Ladder	1	
54	TW000877	Wldmnt, Railing Side-RH Rotating	1	
55	TW000917	Wldmt. Platform Stairs	1	
56	TW001369	Wldmt, Ladder Platform	1	
57	TW001413	Wldmt, Platform Strut	1	
58	UB-0.38X4.0X5.5-RC5	U-Bolt, Round 3/8-16x4x5-1/2 CZ5	3	



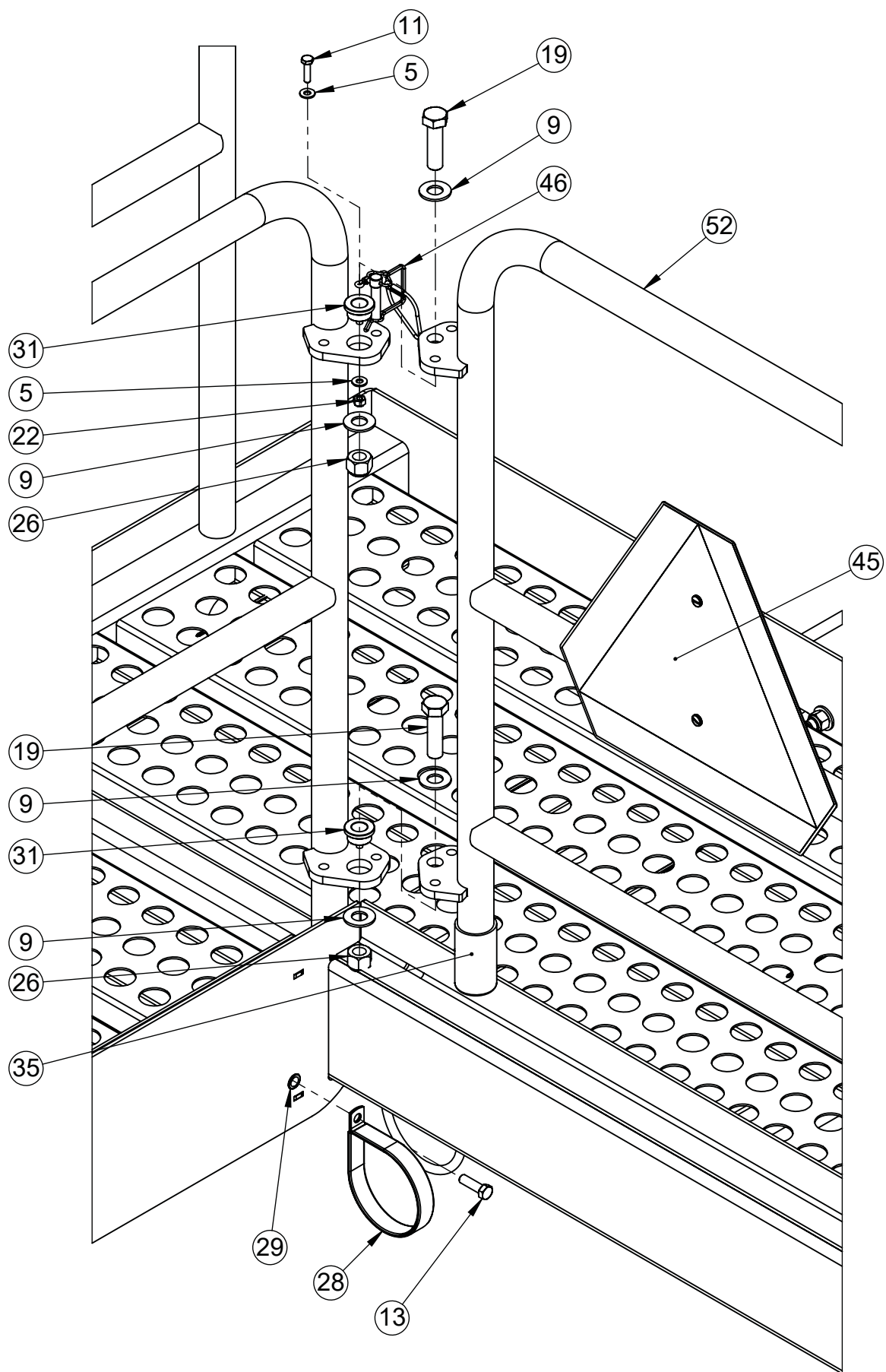
Platform Mounting

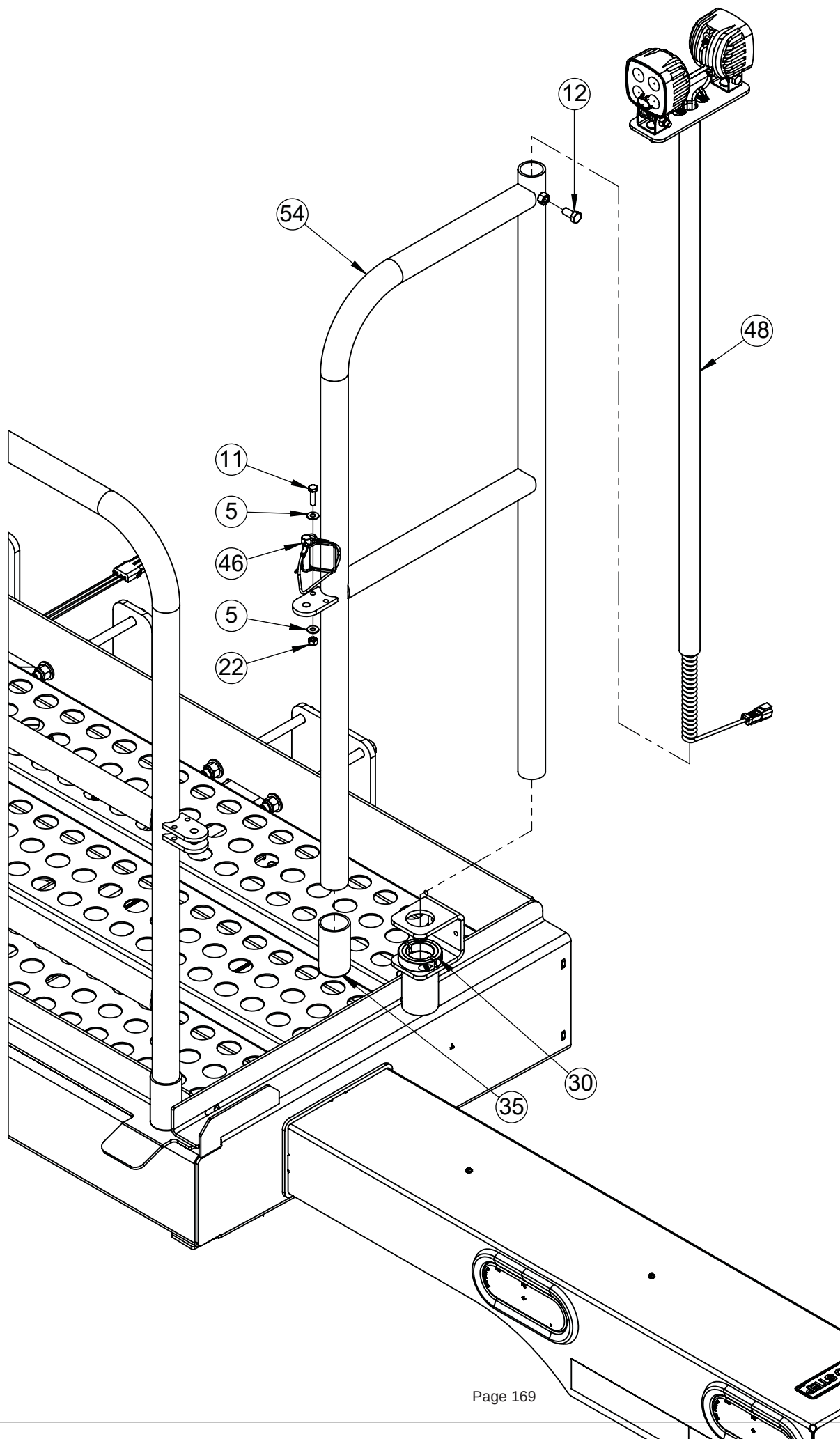


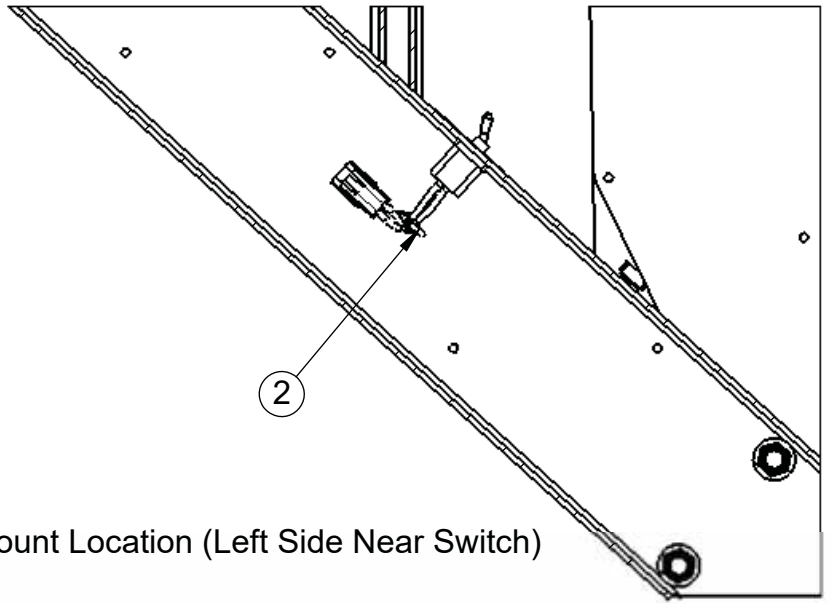
J-Hangers



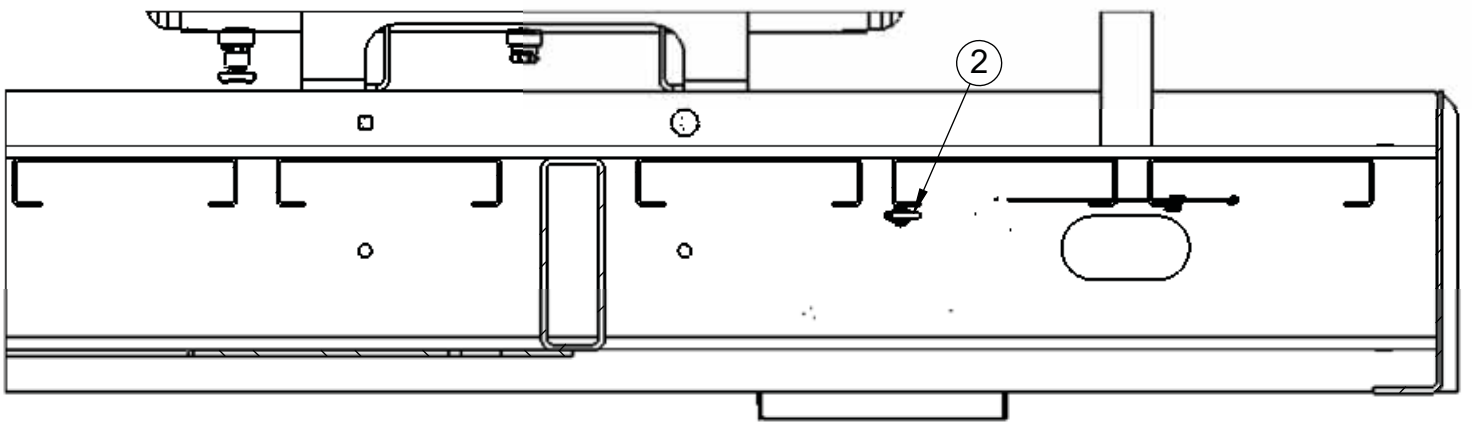
J-Hangers



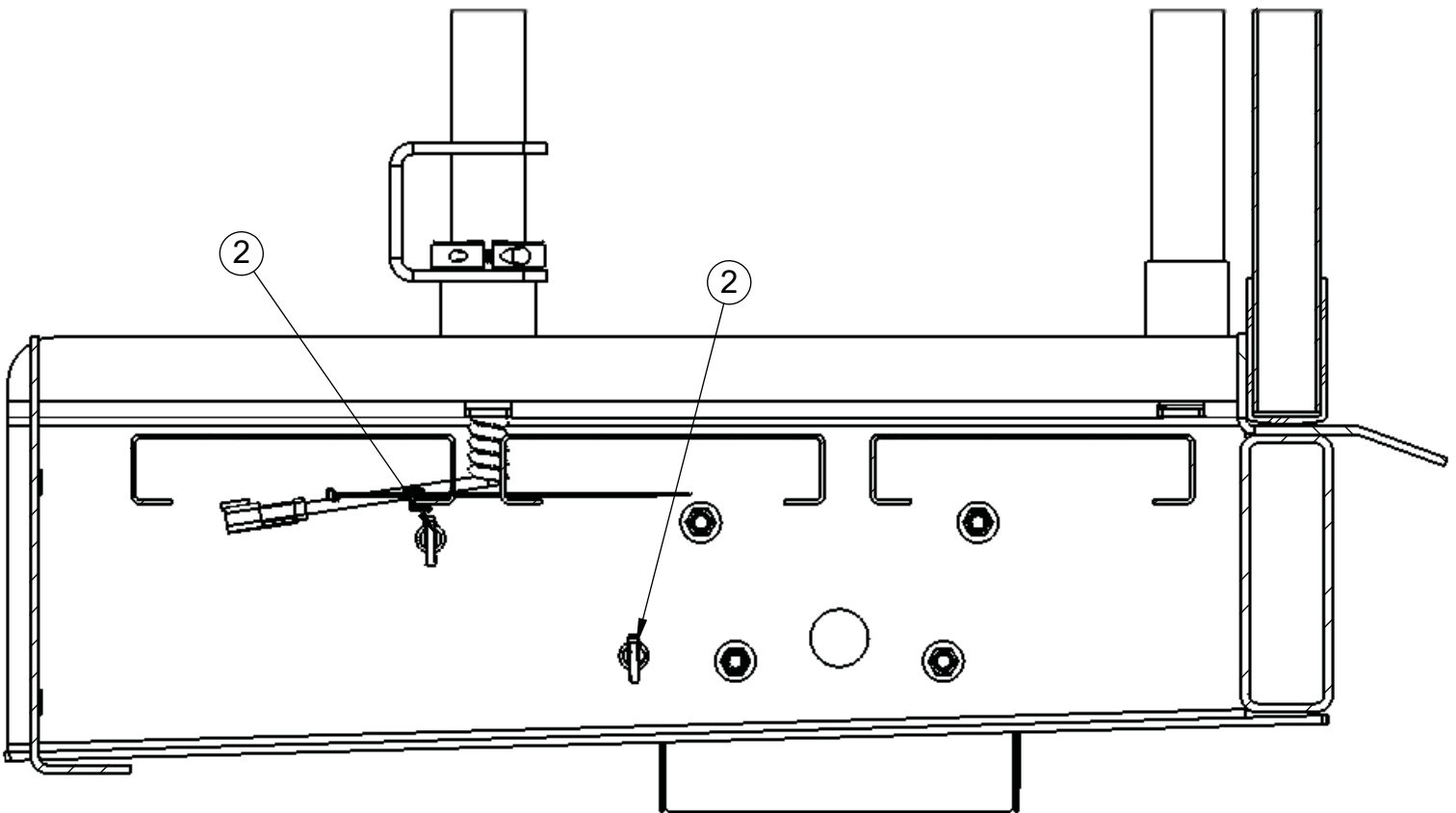




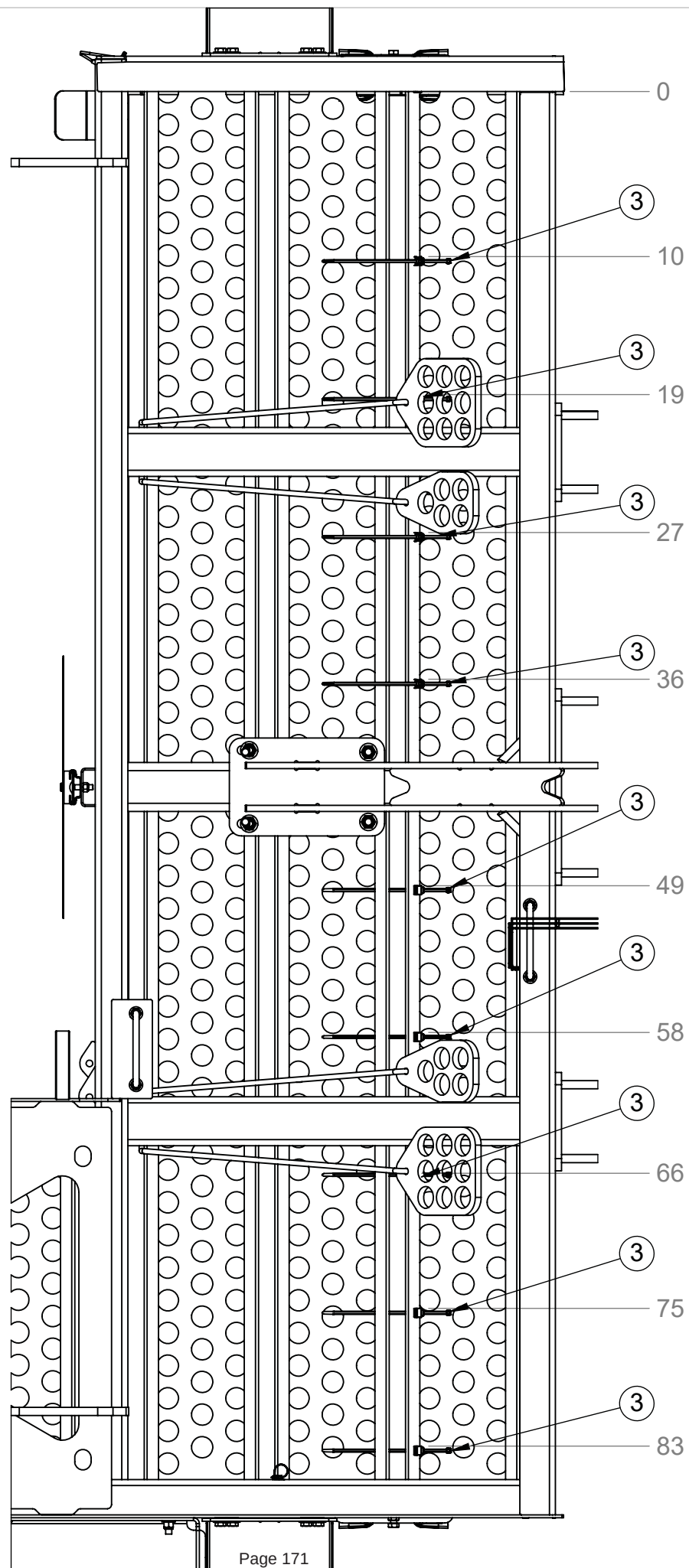
Cable Tie Mount Location (Left Side Near Switch)

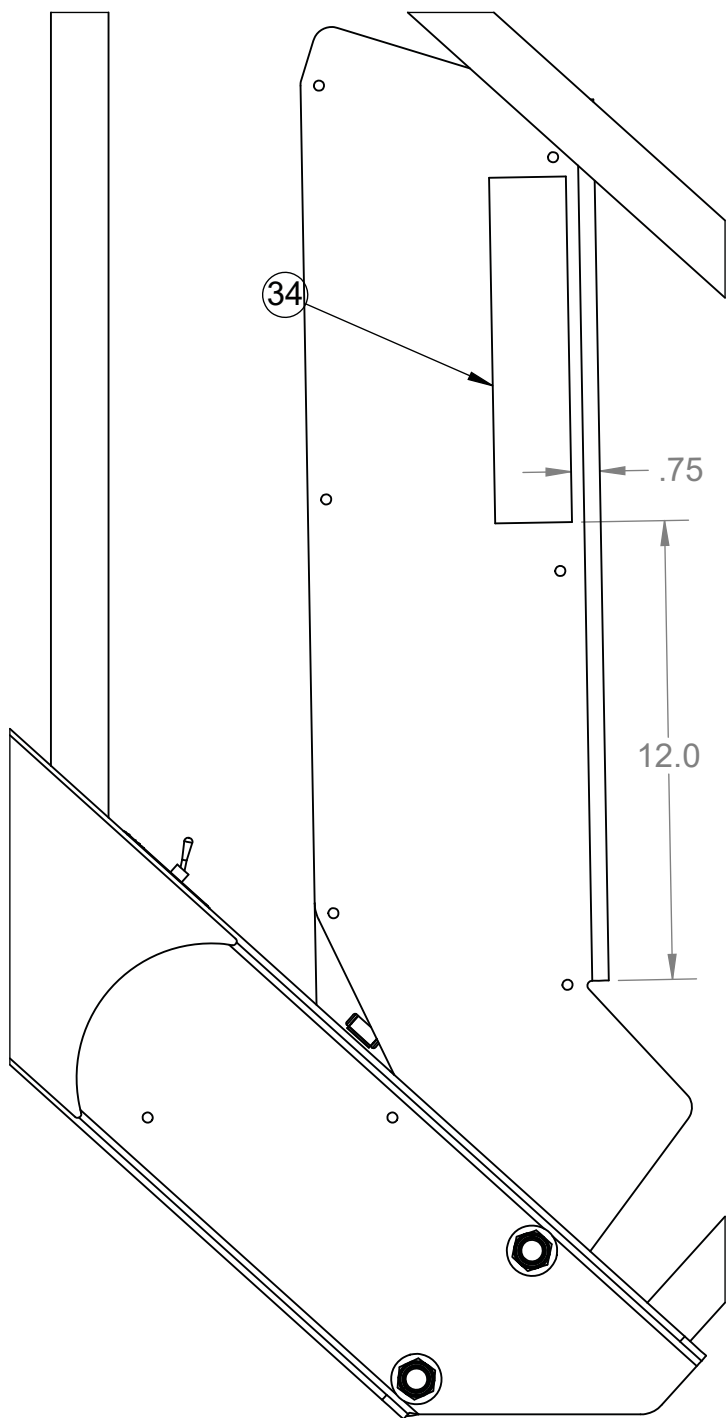


Cable Tie Mount Location (Left Side Looking Outwards)

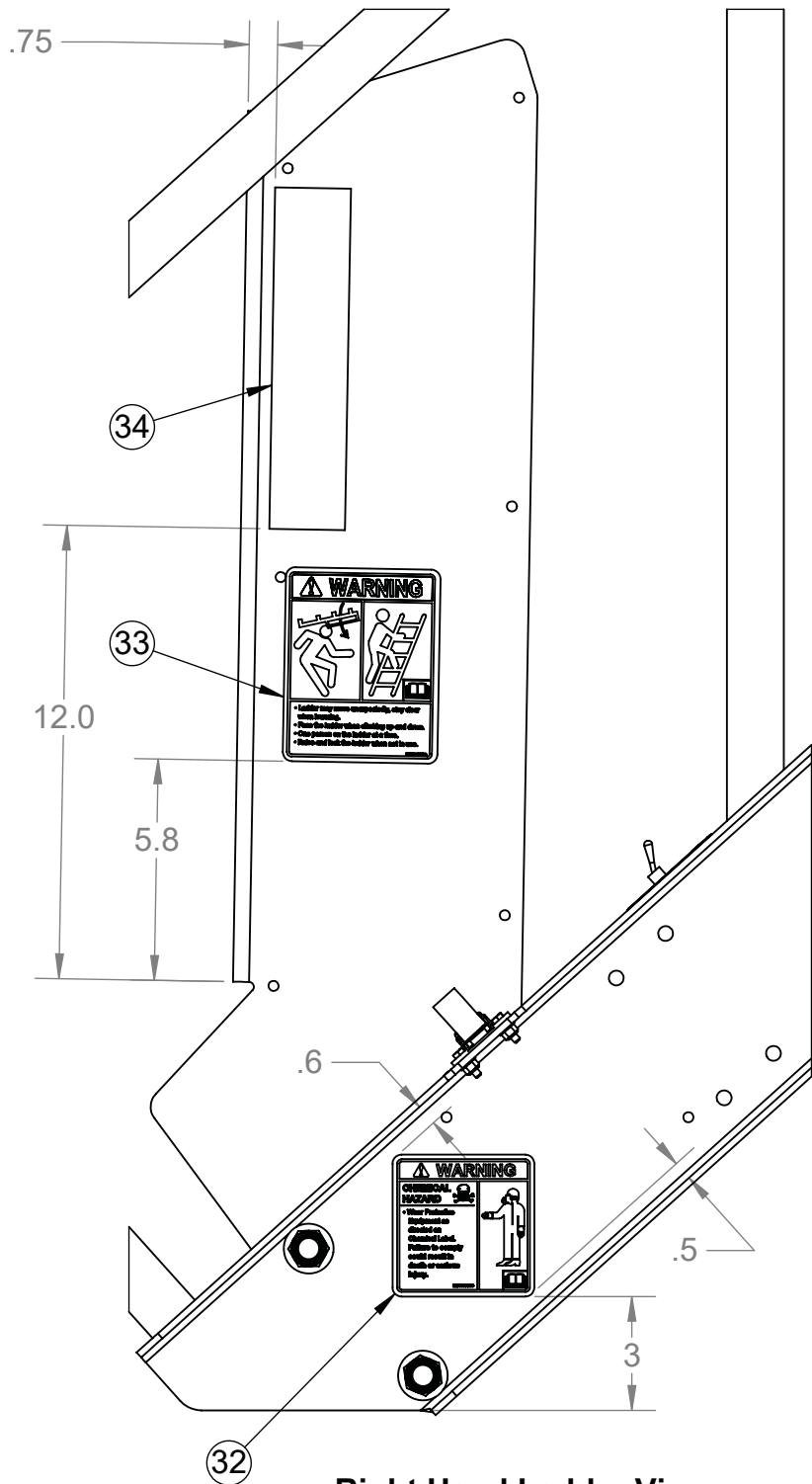


Cable Tie Mount Locations (Right Side, Looking Outward)

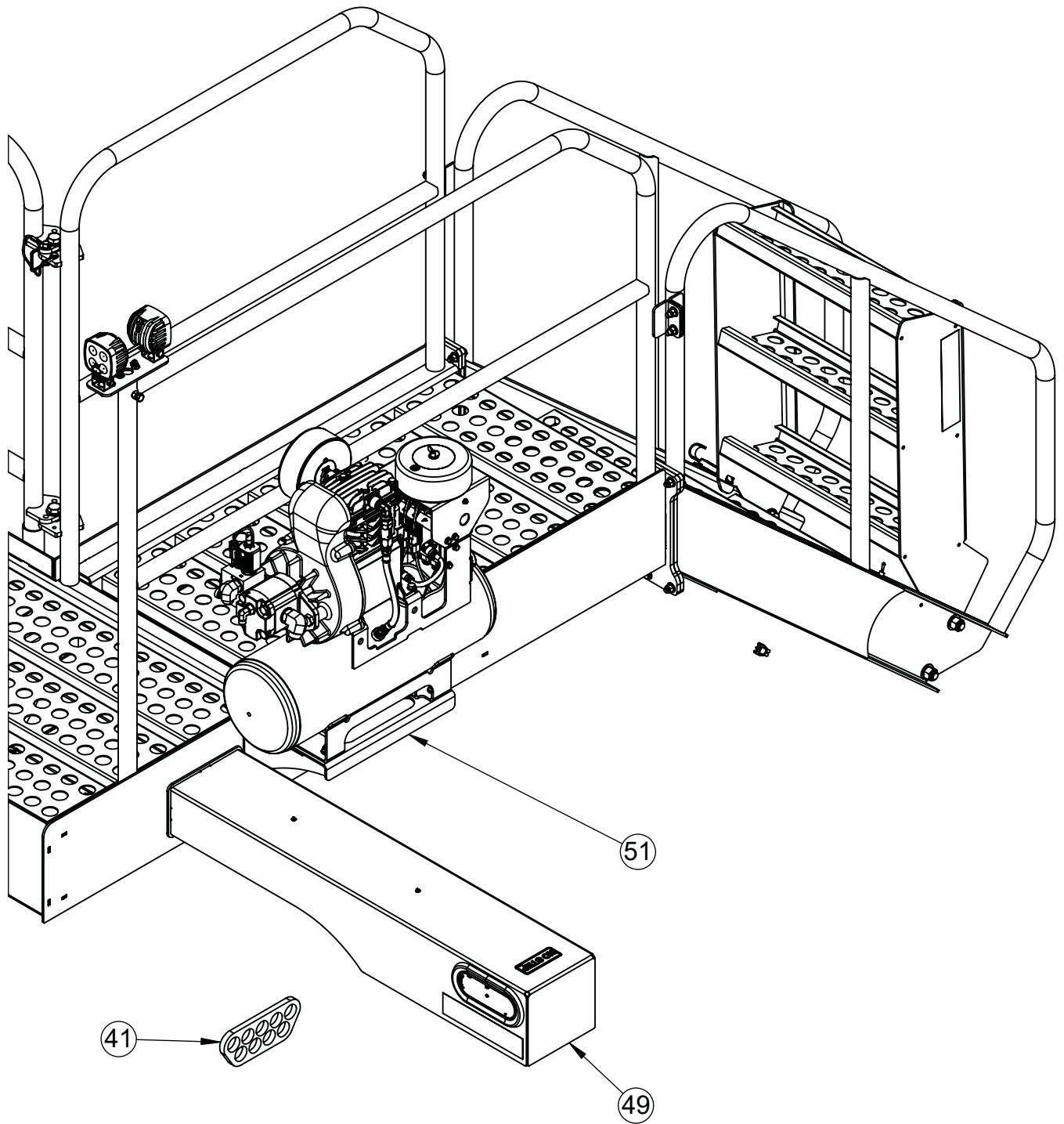


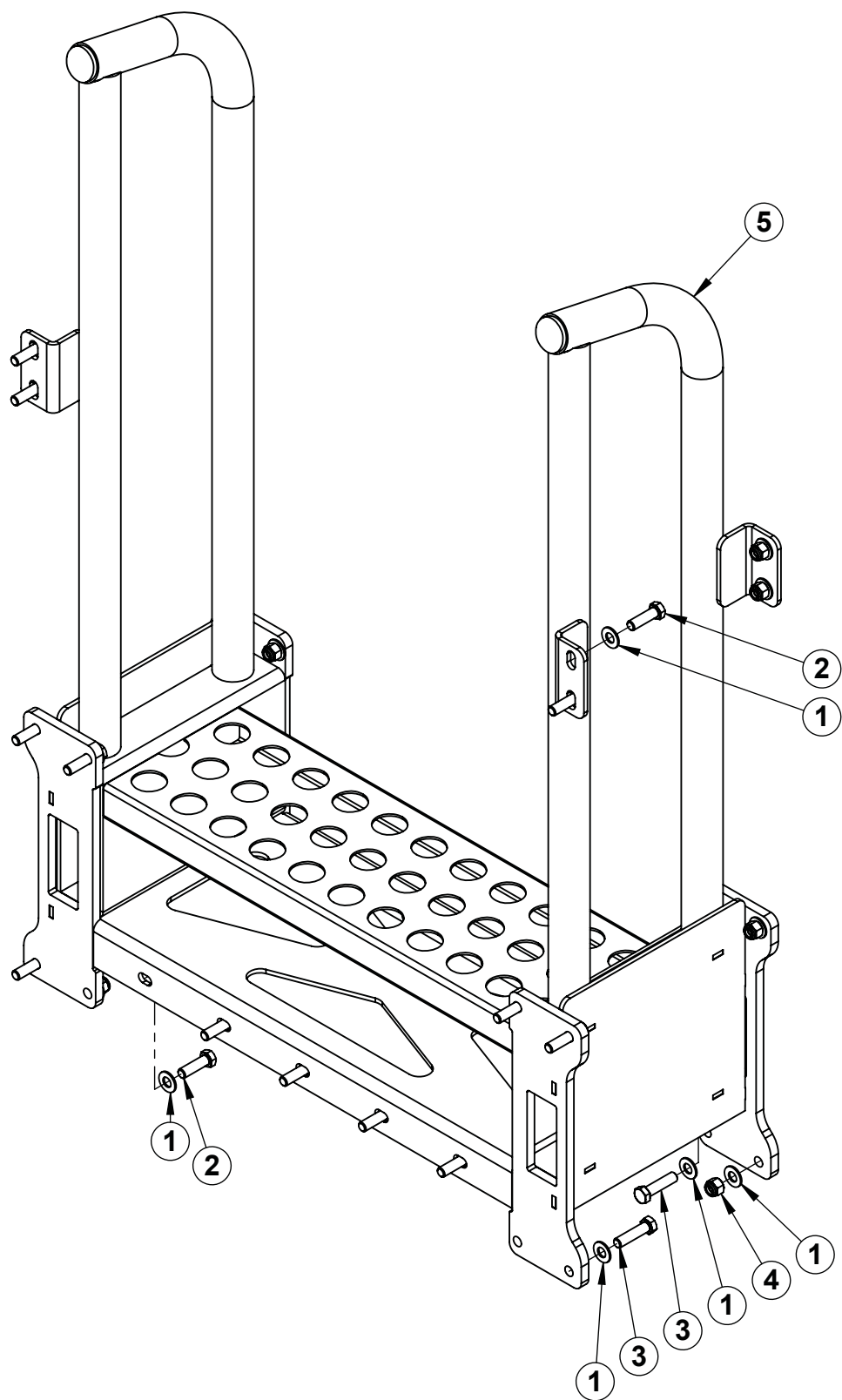


Left Hand Ladder View



Right Hand Ladder View



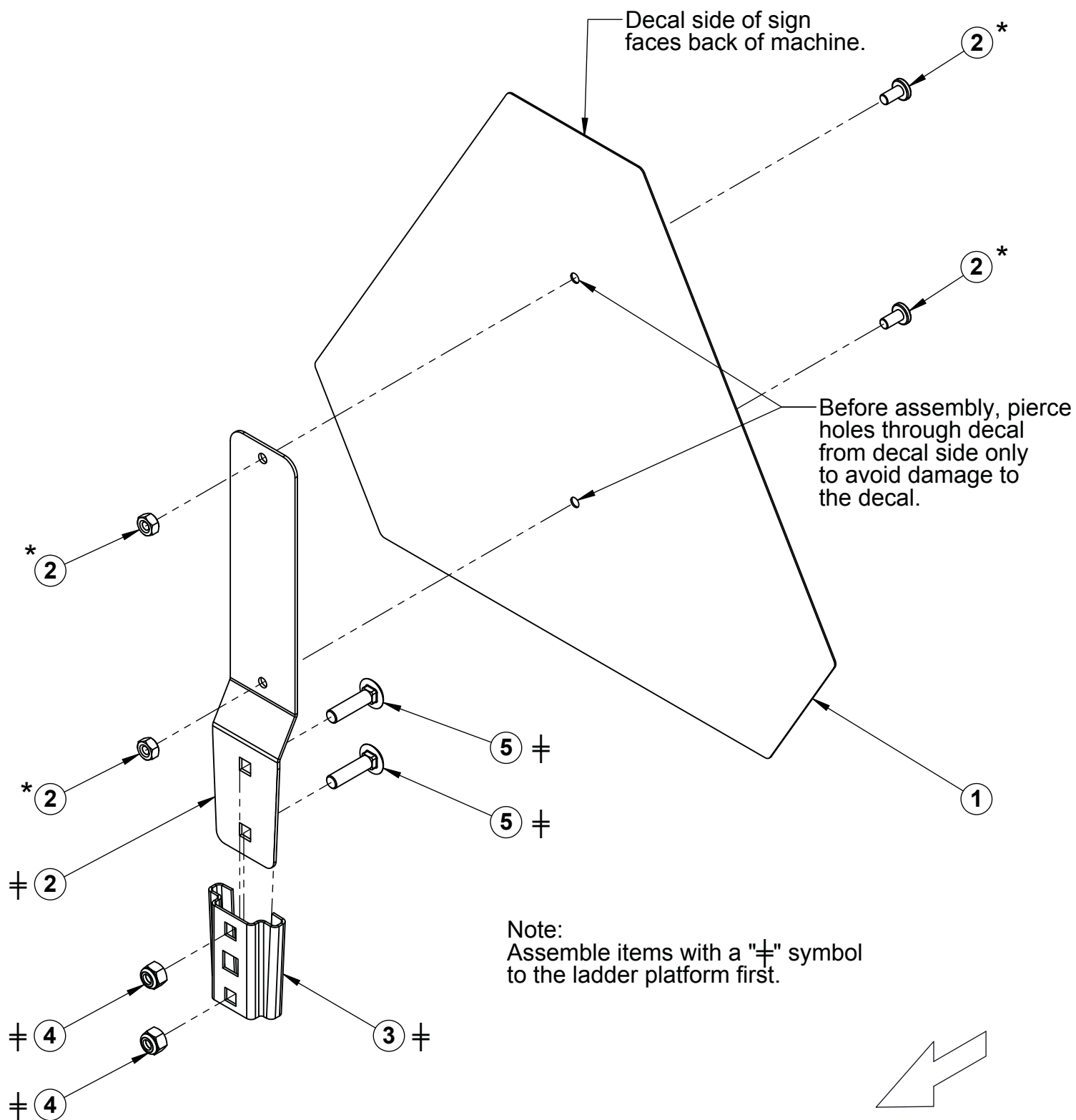


TA02126 Assy, 10" Ladder Ext

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	34	
2	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	9	
3	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2 YZ8	8	
4	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	17	
5	TW001085	Wldmt. Ladder Platform Ext	1	

Note:

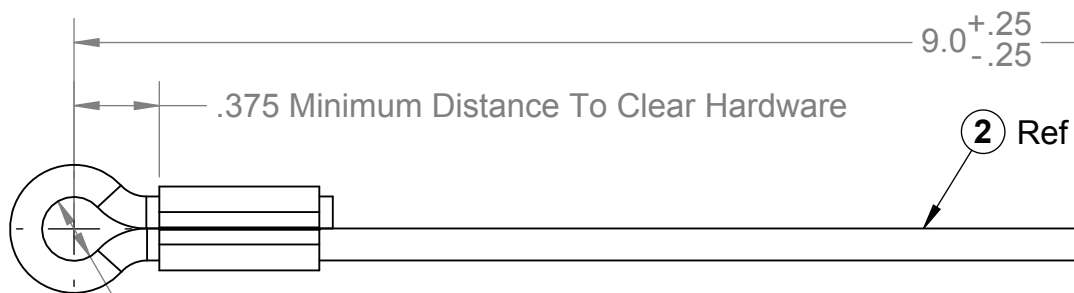
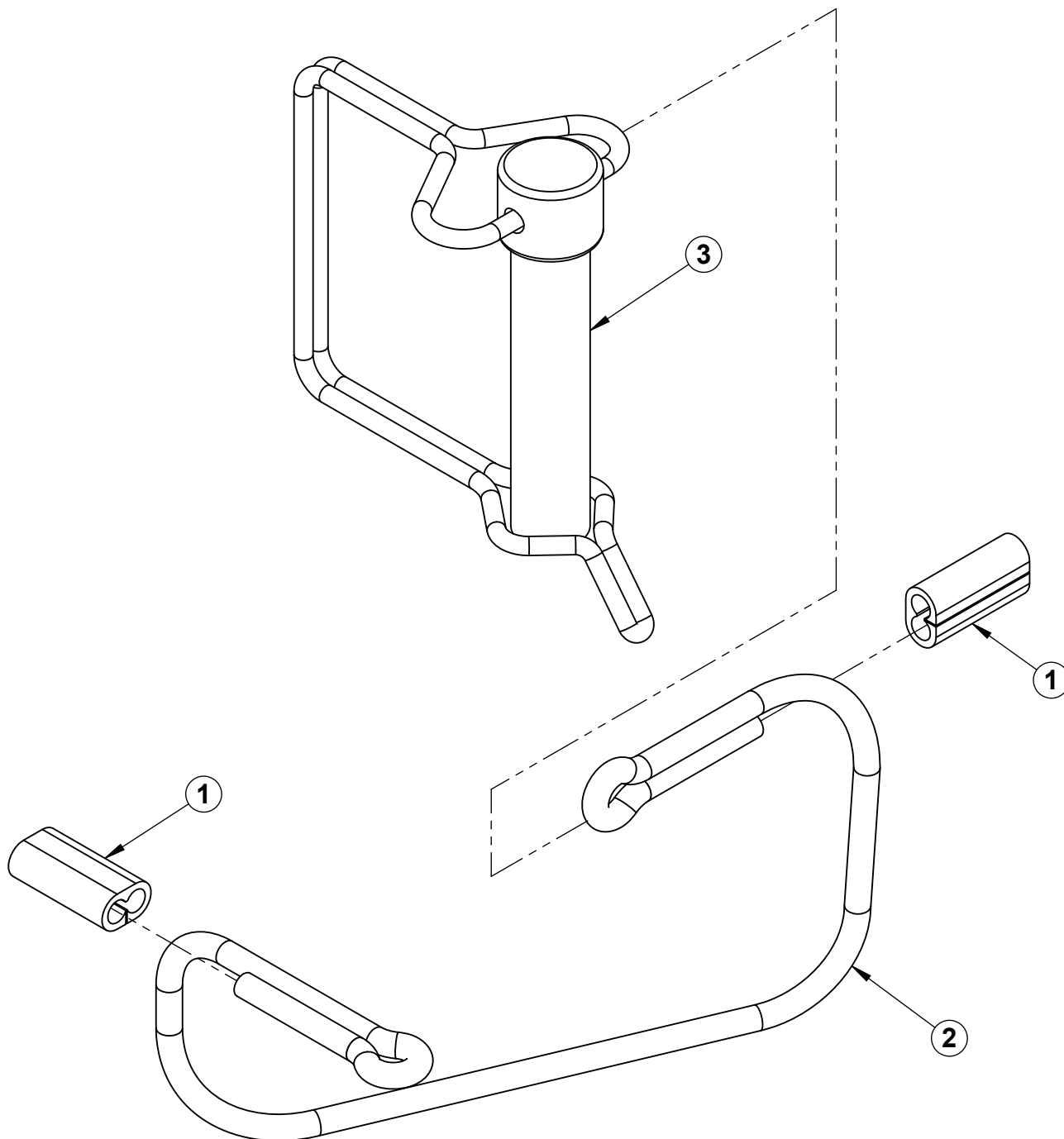
1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



TA00678 Assy, SMV Sign

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

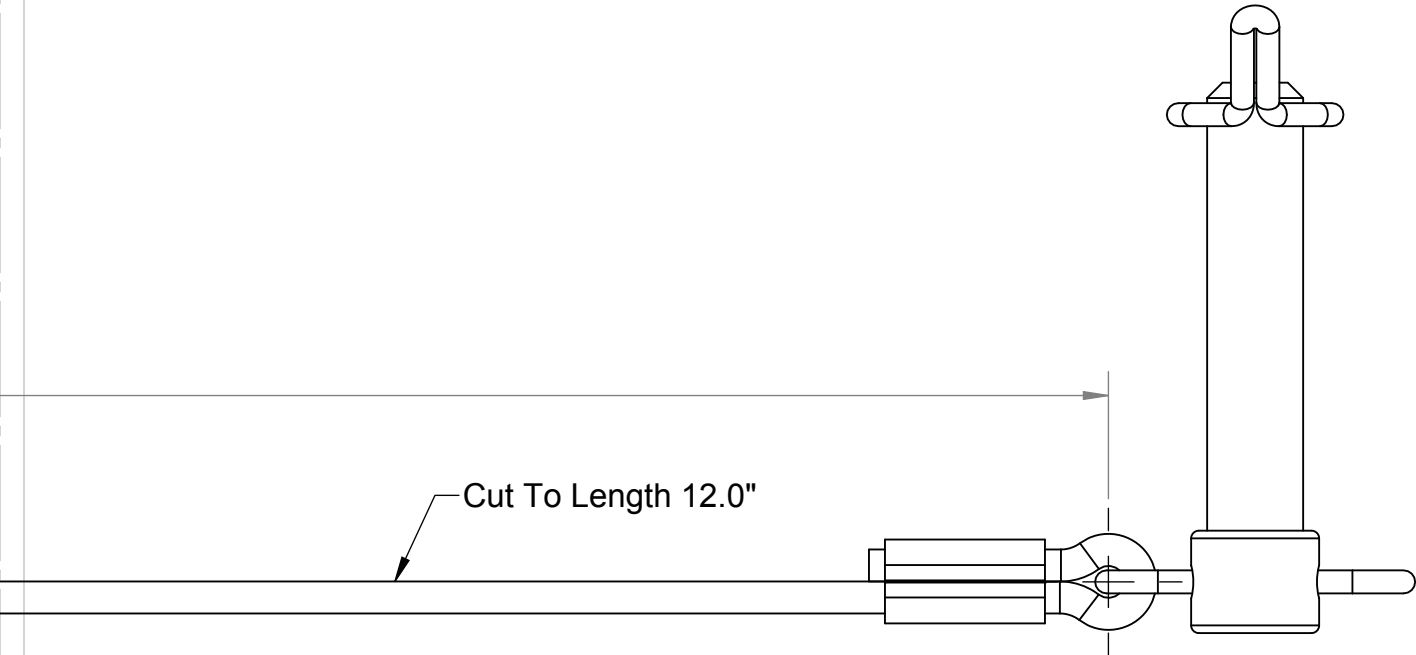
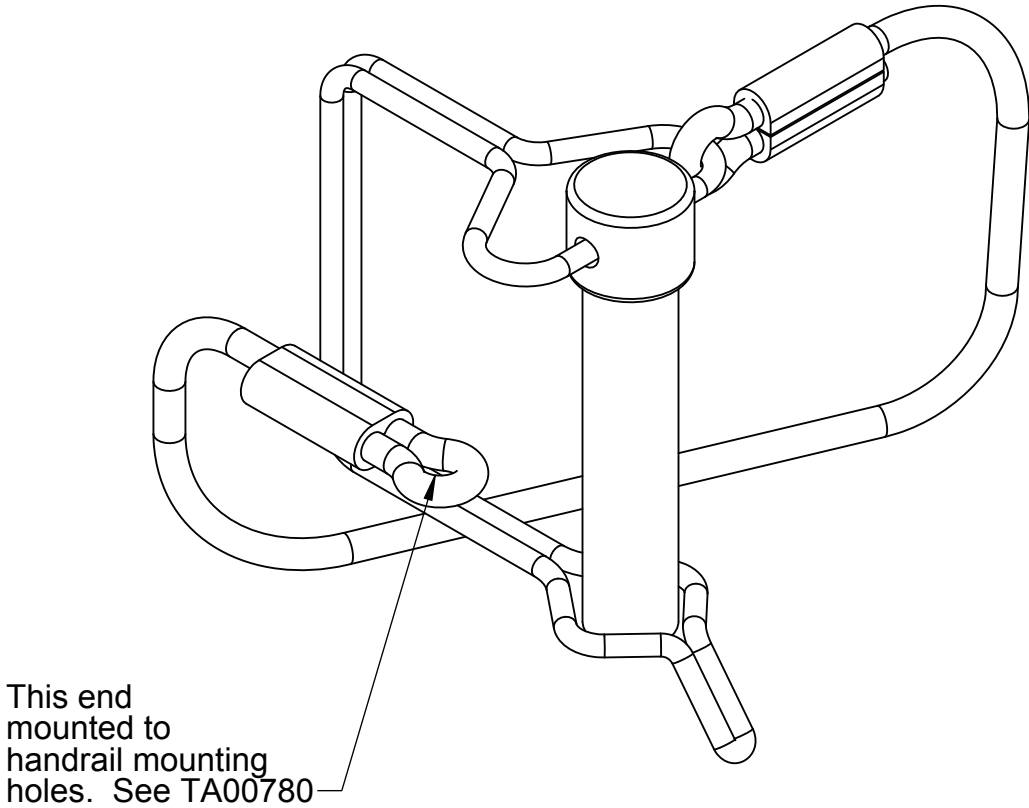
* Items marked with an asterisk, are items that are supplied with P/N TA00671.

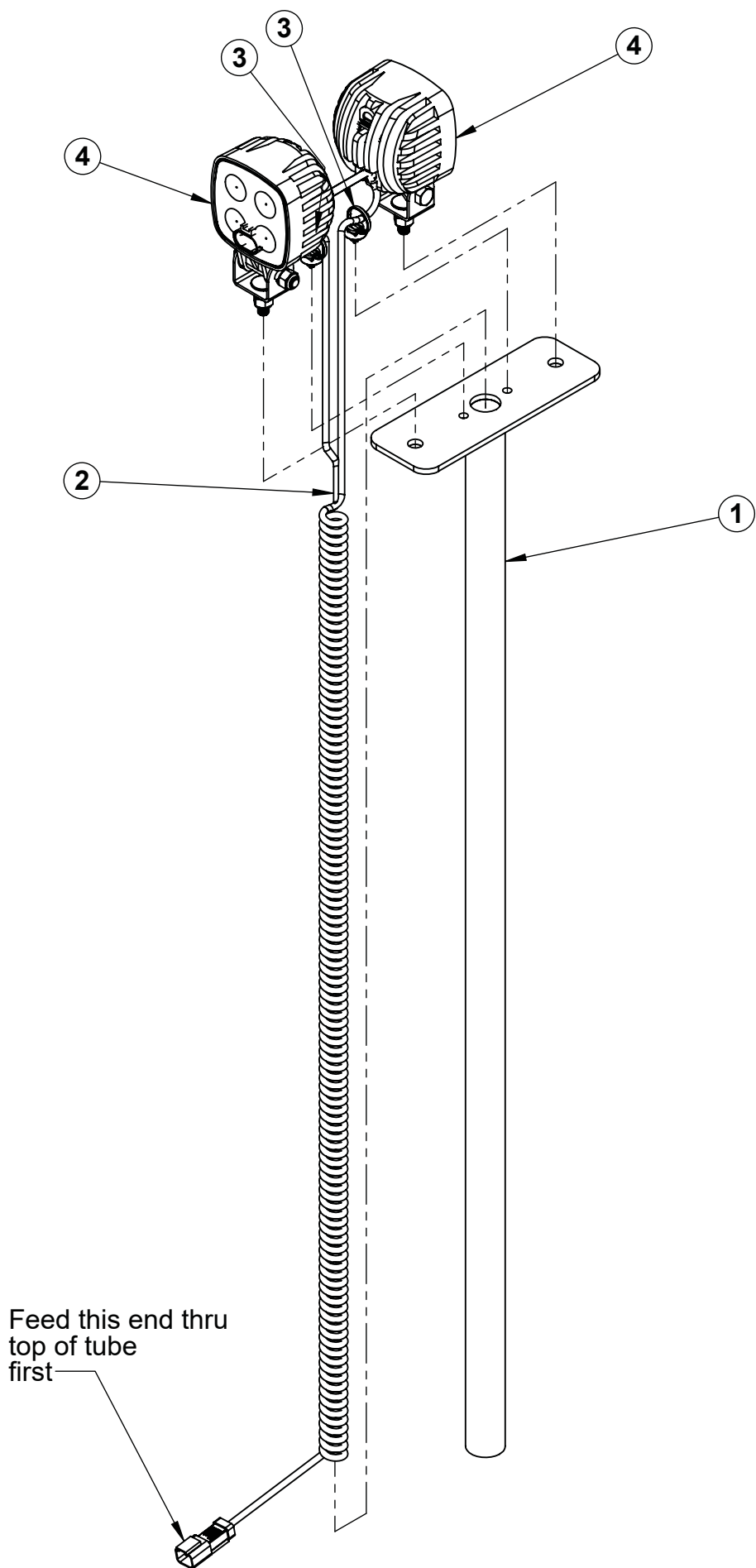


$\phi 5/16$ Min Dia to clear 1/4-20 Bolt and SAE 1/4 Washer. Suggest Go-No-Go with 5/16 Bolt and SAE 5/16 Washer.

TA00791 Assy, Lynch Pin & Lanyard

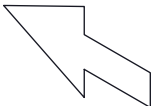
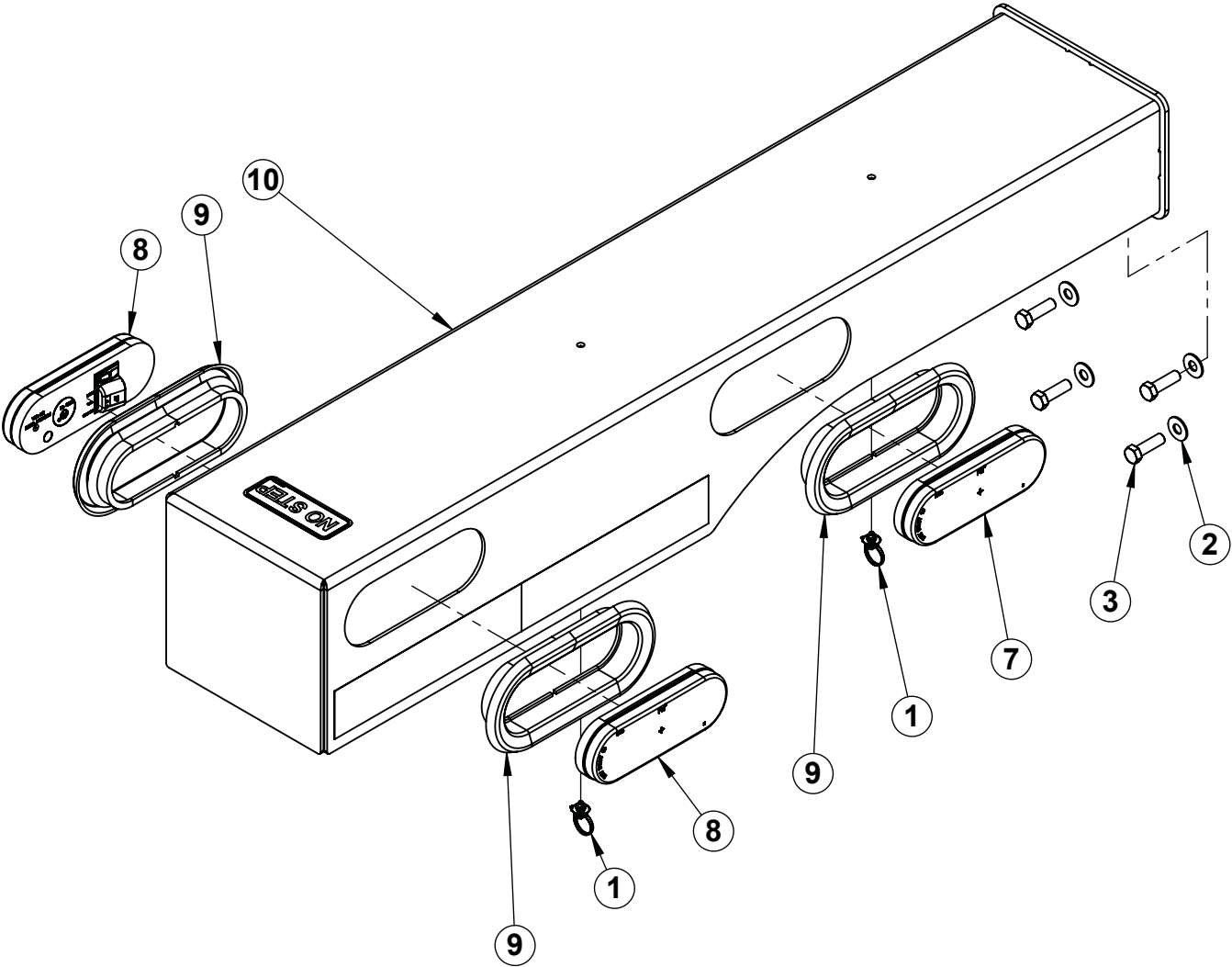
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	CBLCRMPBUSH-0.125	CableCrimpBushing-0.1250	2	
2	CBLLYD-0.125X12.00	Lanyard,Acrft Cbl NICtd 1/8x12	1	
3	SQSNPP-0.375X1.75Y	Pin, Lynch Square Ret Tab, Ø3/8x1.75	1	





TA01247 Assy, Light Arm Extension

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

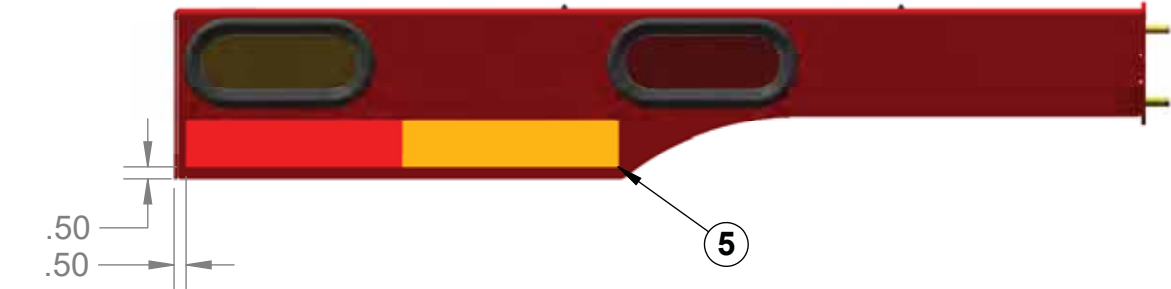
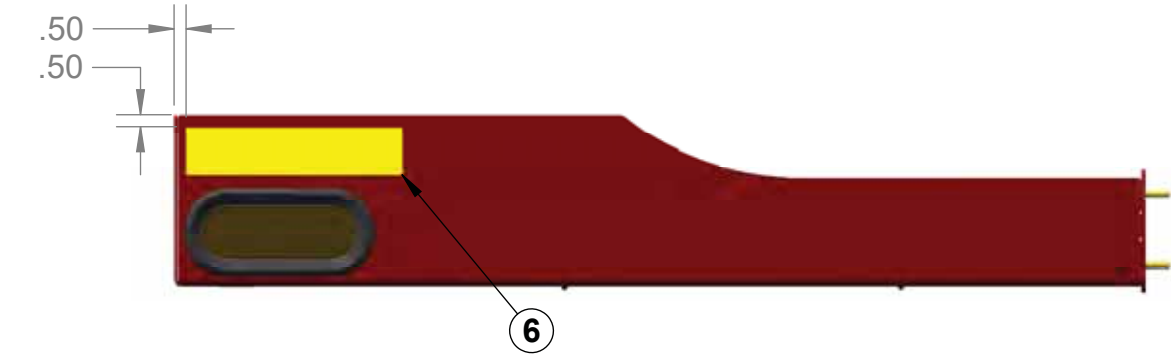


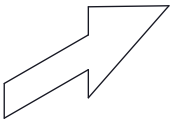
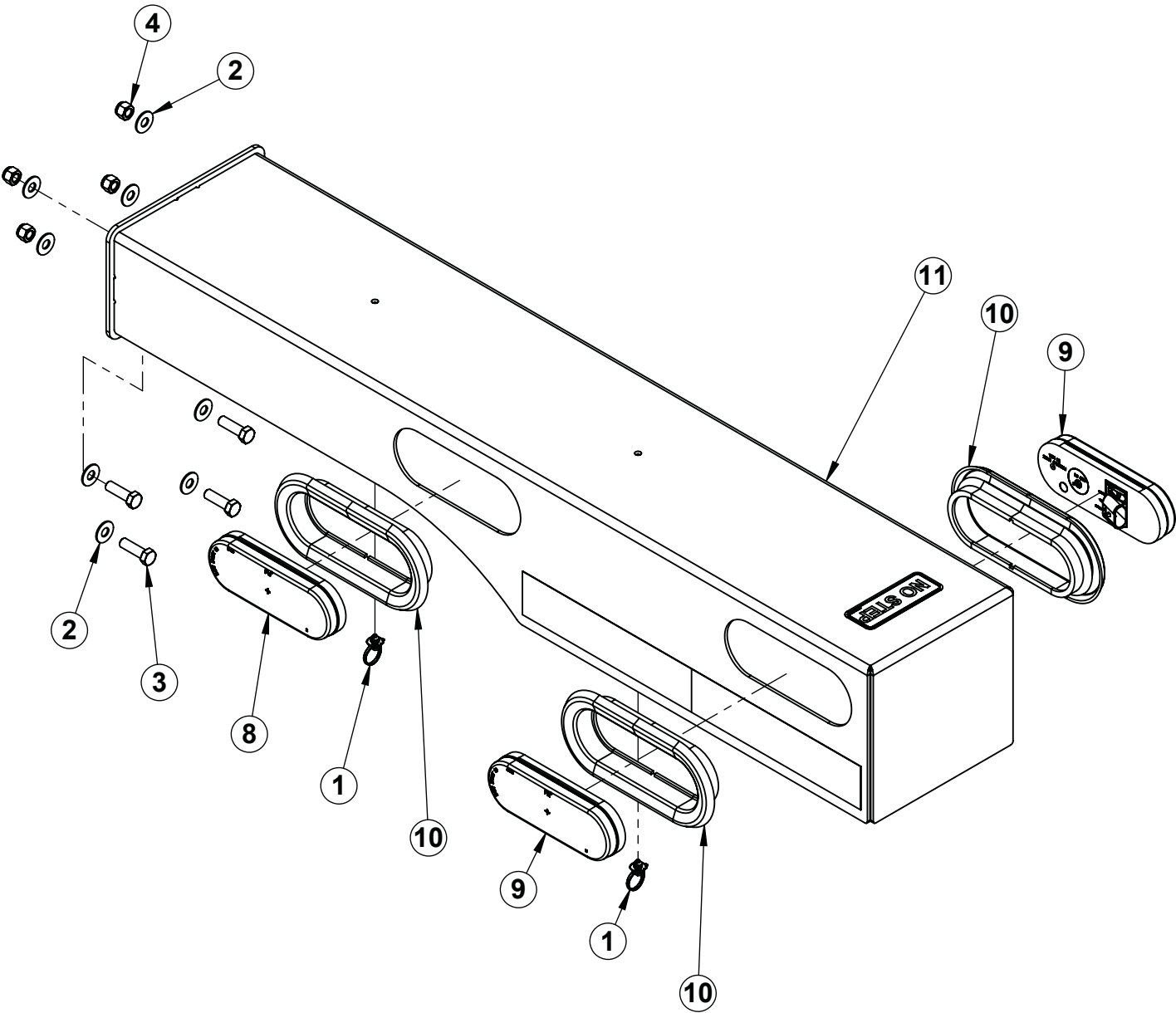
TA01943 Assy, LH LED Taillight

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	CBLTIEMT-.256-.276-HL	Assy,CableTie Mnt .031-.276 PT	2	
2	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	4	
3	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	4	
4	T0051653	Decal, No Step	1	
5	T0051727	Decal, Refl Red,Orange-2x18	1	
6	T0051729	Decal, Reflector,Yellow-2x9	1	
7	T0056010	Red LED Light	1	
8	T0056011	Amber LED Light	2	
9	T0056012	Grommet, LED Light	3	
10	TW001463	Wldmt, LH Taillight	1	

Note:

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



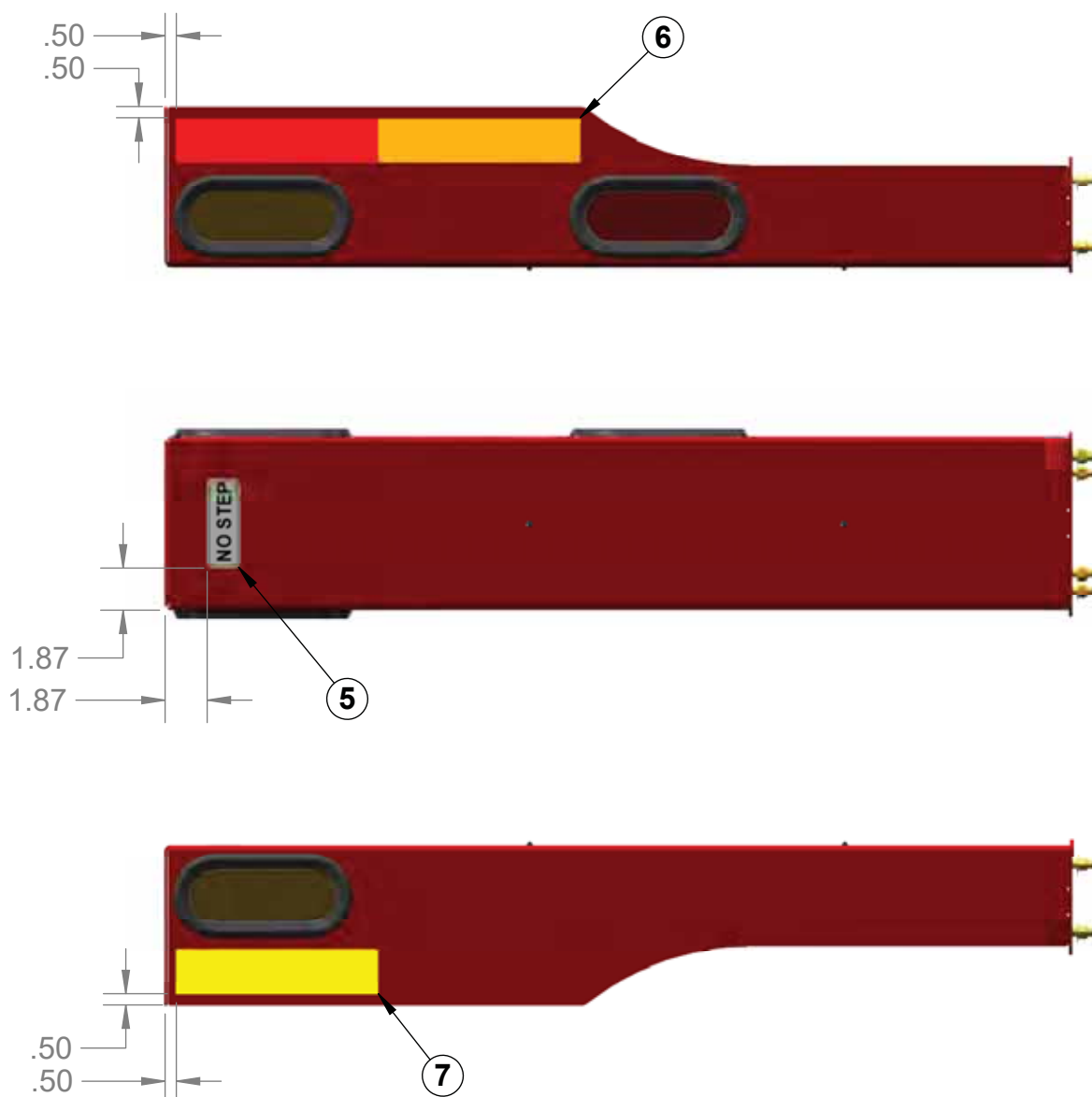


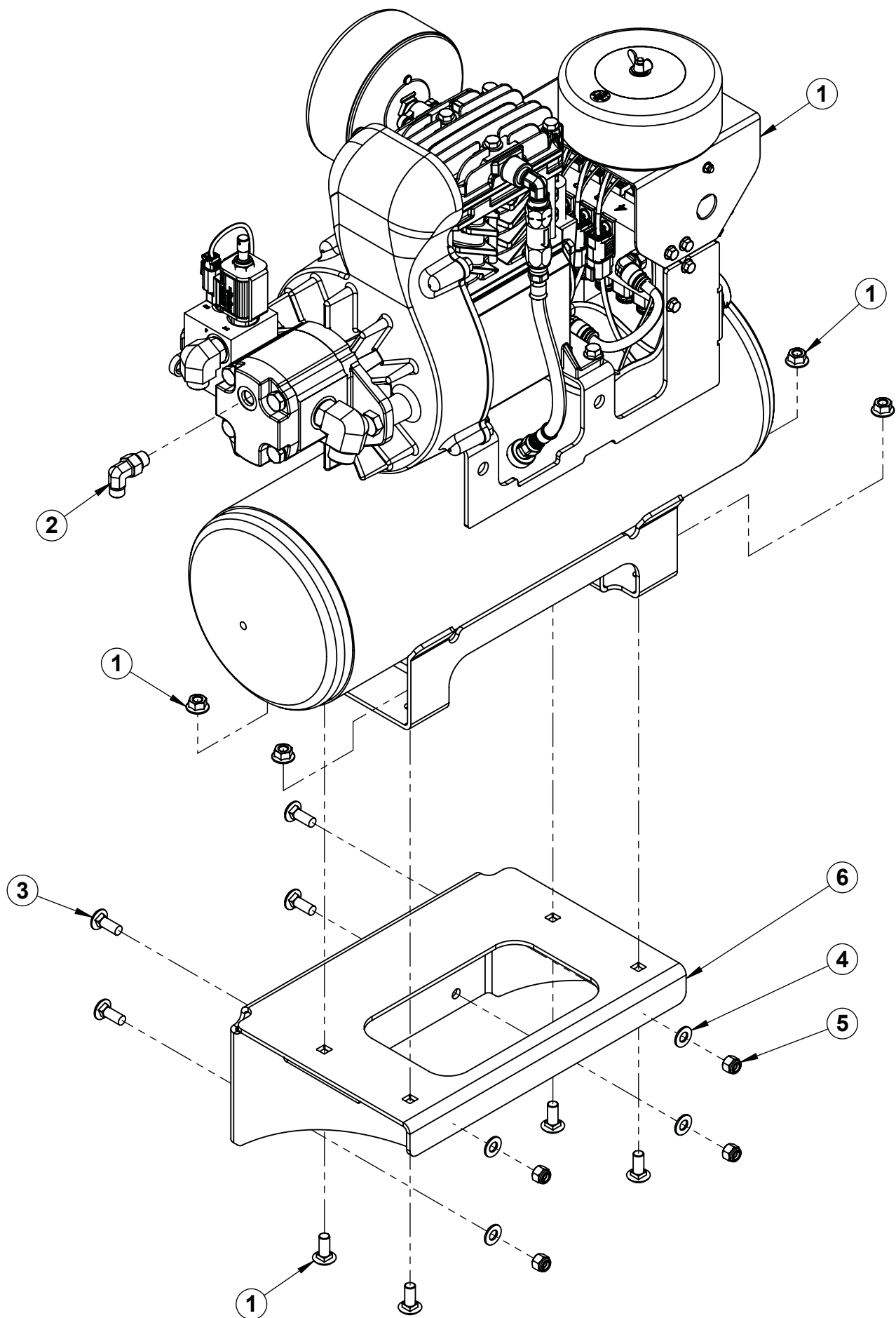
TA01944 Assy, RH LED Taillight

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	CBLTIEMT-.256-.276-HL	Assy,CableTie Mnt .031-.276 PT	2	
2	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	8	
3	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	4	
4	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	4	
5	T0051653	Decal, No Step	1	
6	T0051727	Decal, Refl Red,Orange-2x18	1	
7	T0051729	Decal, Reflector,Yellow-2x9	1	
8	T0056010	Red LED Light	1	
9	T0056011	Amber LED Light	2	
10	T0056012	Grommet, LED Light	3	
11	TW001464	Wldmt, RH Taillight Mount	1	

Note:

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



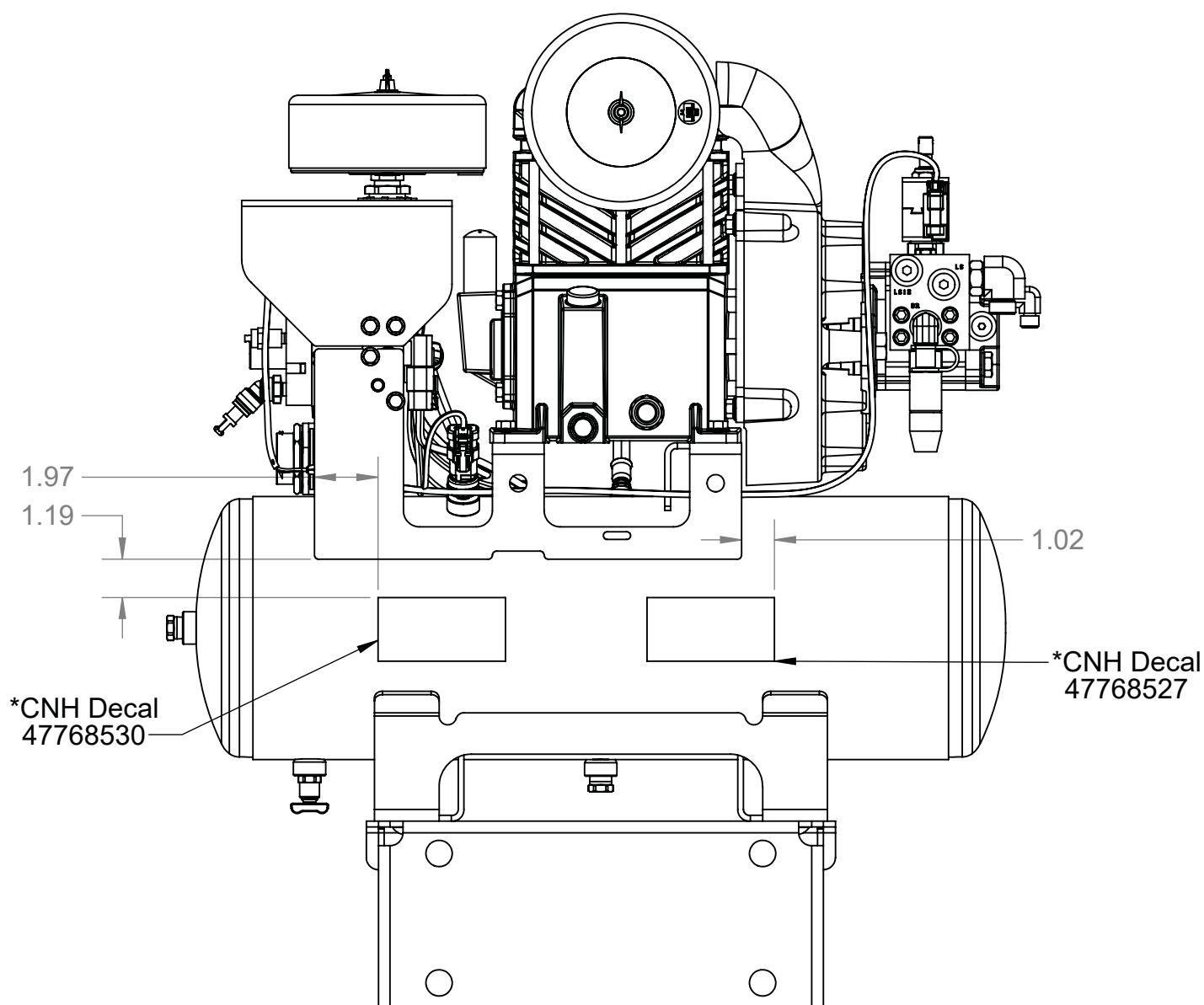


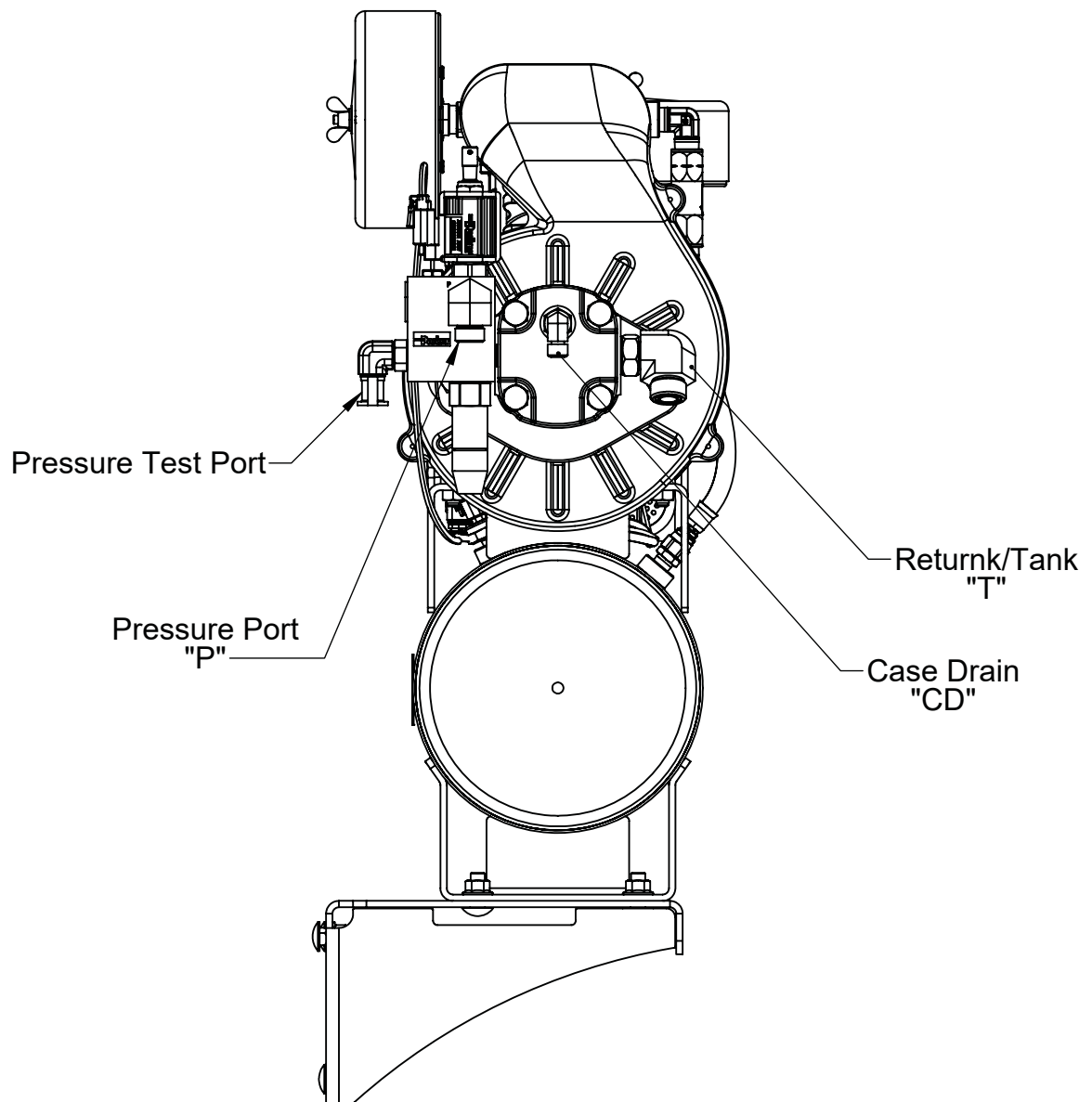
TA01947 Assy, Air Compressor

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	48103377	Hyd Air Compressor	1	
2	AD-04MFS-06MB-90	Adapter, 04MFS-06MB 90	1	
3	90-10-7139	Bolt, Carriage 3/8-16 x 1 Gr5 ZP	4	
4	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	4	
5	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	4	
6	T0055604	Mount, Compressor	1	

Note:

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



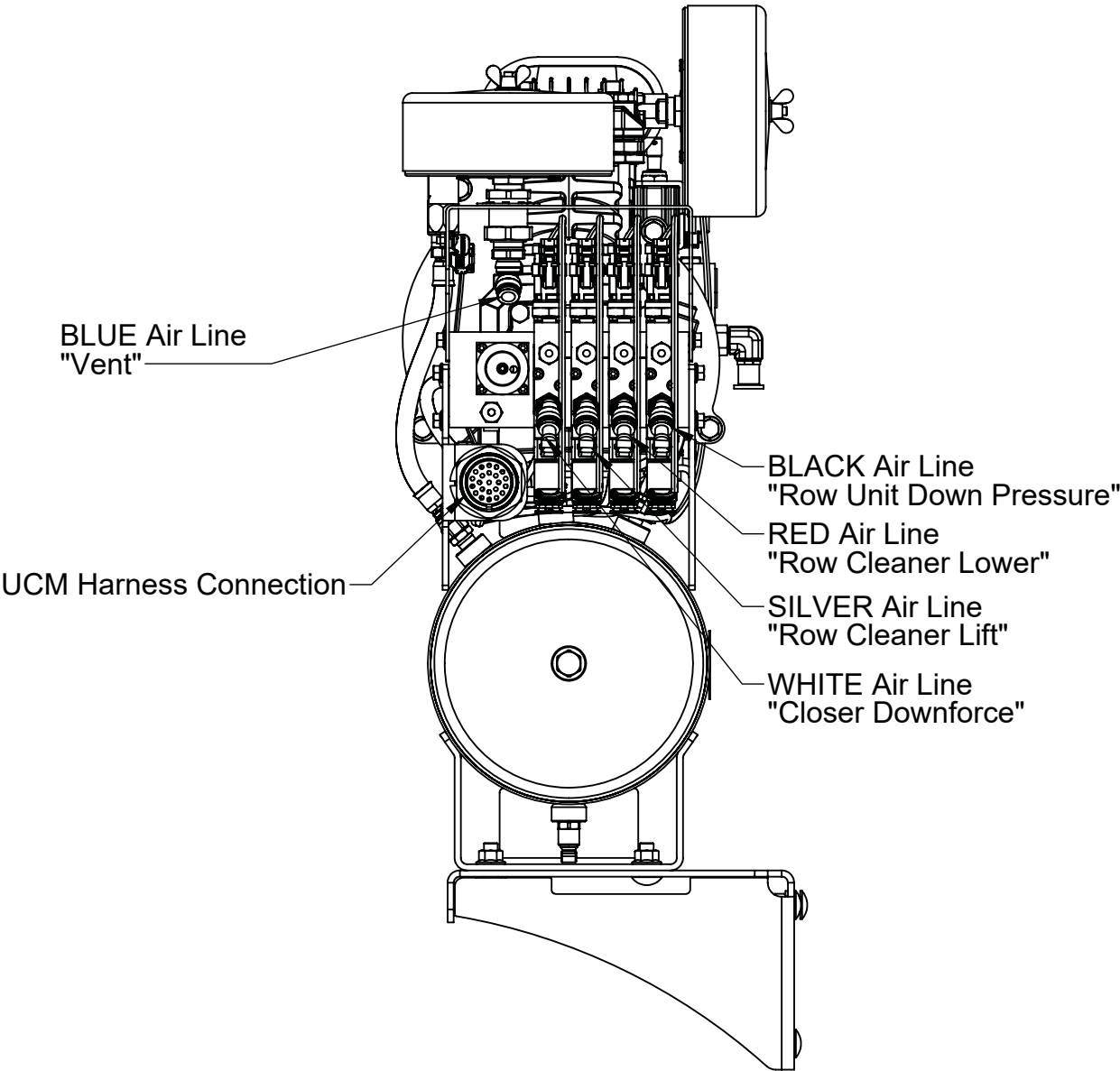


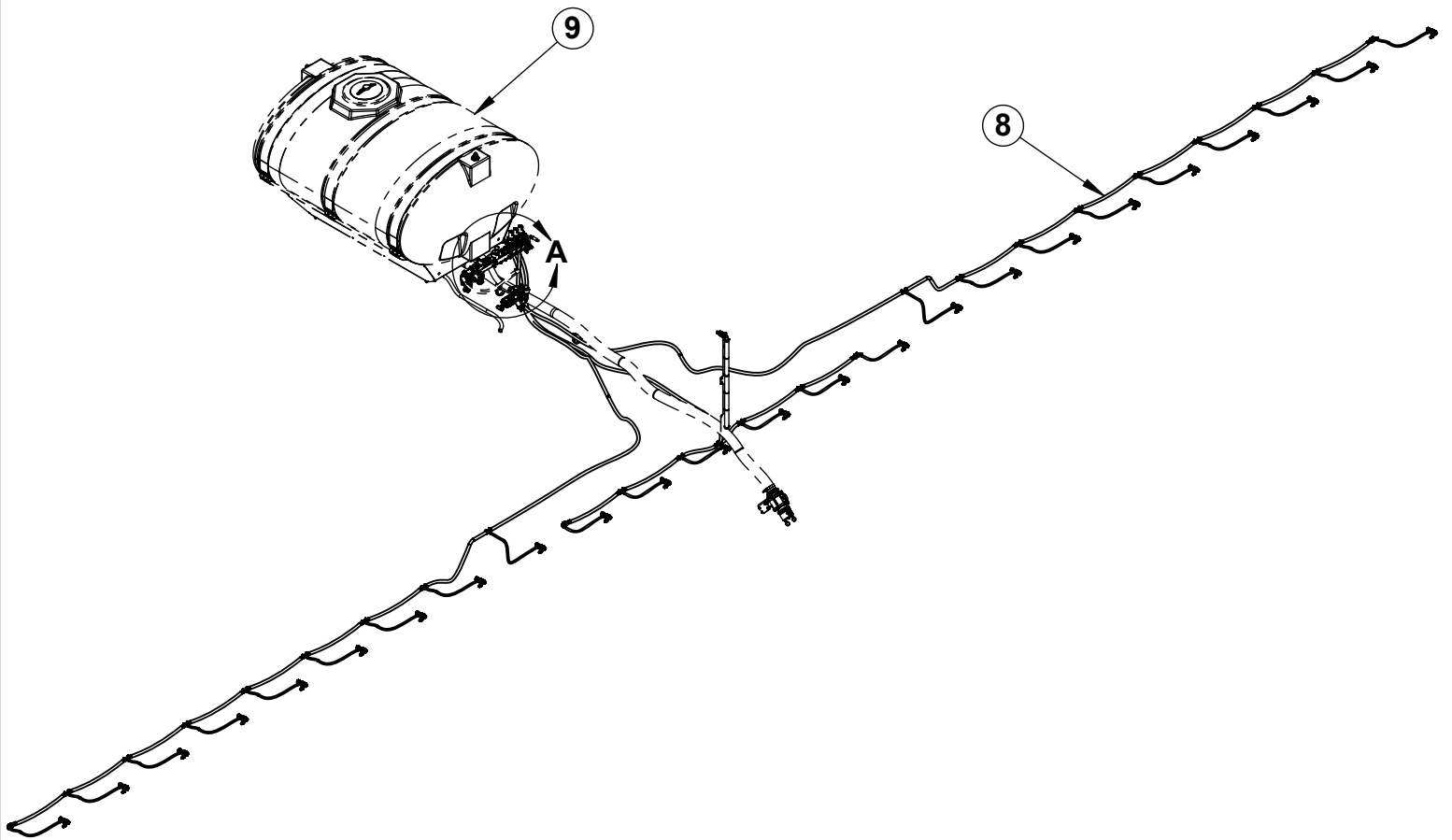
TA01947 Assy, Air Compressor

ITEM	PART NUMBER	DESCRIPTION	TORQUE (ft-lbs)
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Note:

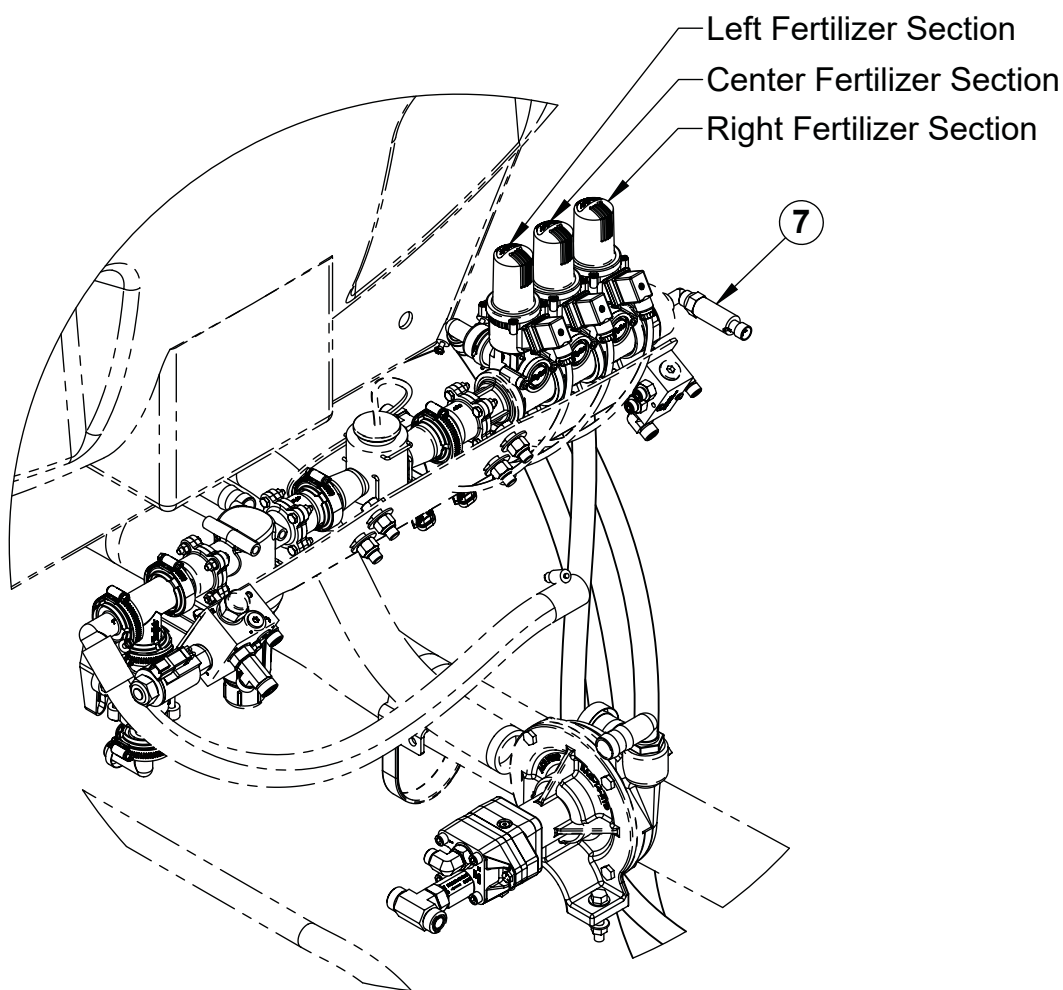
- 1. T=XXX = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
- 2. * Items marked with an asterisk are items that are included in that particular part or assembly.



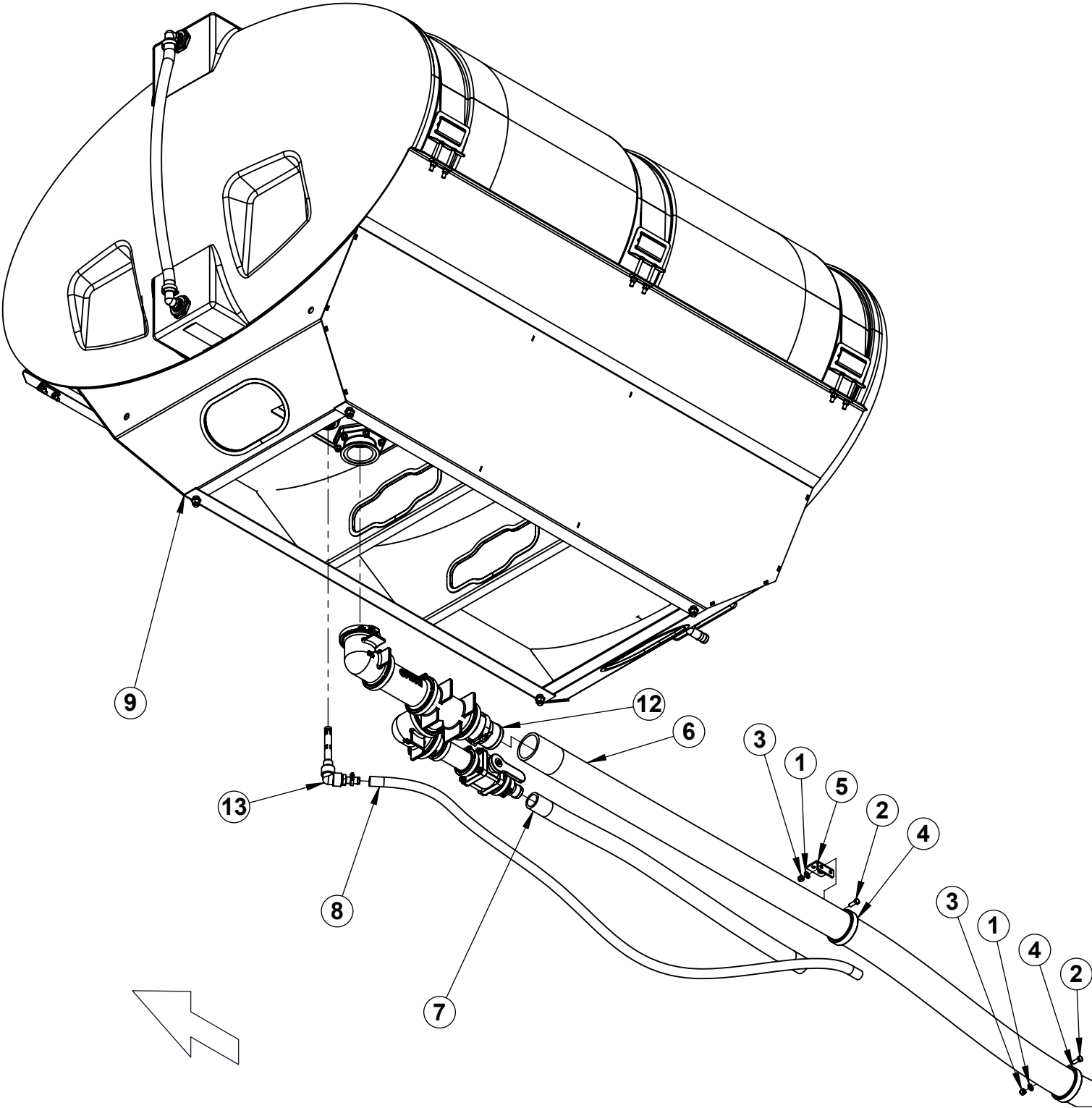


TA01935 Option, 24R30 750 Gal Fertilizer

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0051674	Hose, 0.38" Spray (per ft)	75	
2	T0051675	Hose, 0.75" Spray (per ft)	120	
3	T0051676	Hose, 1.50" Suction (per ft)	5	
4	T0051994	Hose, 0.25" Air Line (per ft)	210	
5	T0052304	Hose, 1.00" Spray (per ft)	1	
6	T0053446	Hose, 3.00" Suction (per ft)	20	
7	TA01936	Assy, Fert Pump/ Section Valves	1	
8	TA01938	Assy, 24R30 Toolbar Fert	1	
9	TA01940	Assy, 750 Gal Tank Assy w/3" Fill	1	



DETAIL A
SCALE 1 : 8

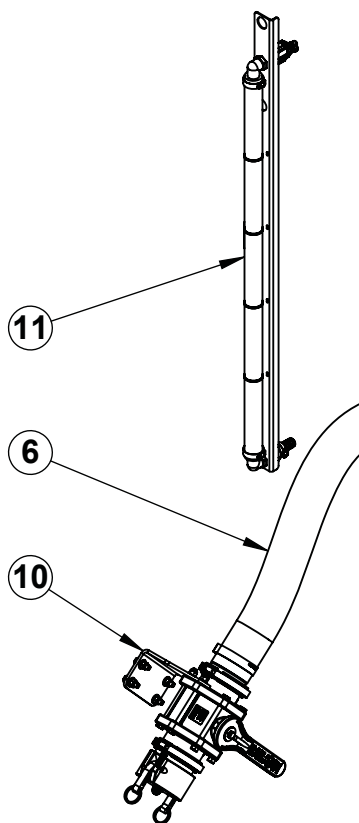


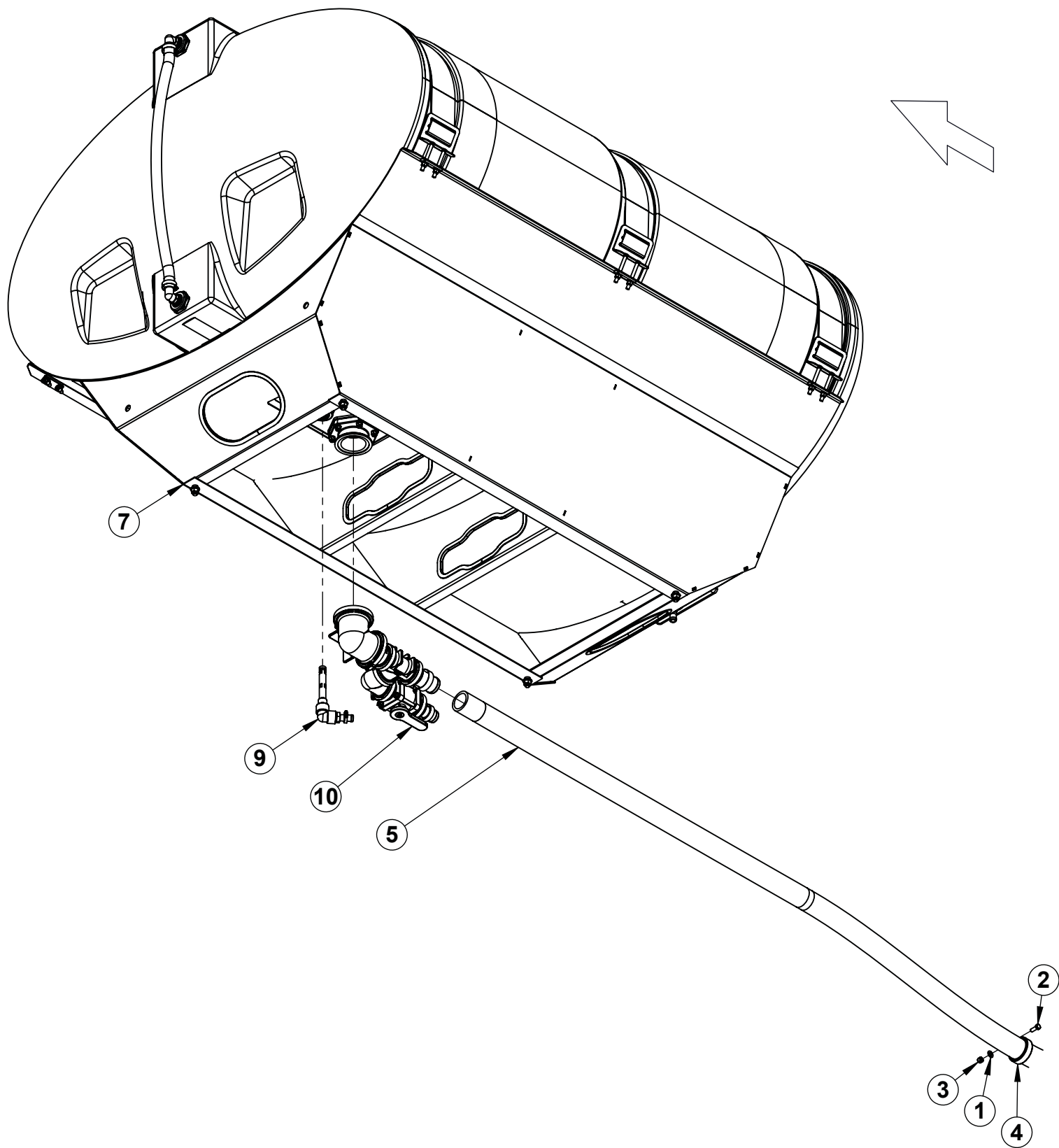
TA01940 Assy, 750 Gal Tank Assy w/3" Fill

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	2	
2	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1-YZ8	2	
3	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	2	
4	PCLMP-4.000x2.56	Clmp, Cus Pipe Ø4x2-9/16	2	
5	T0053651	Brkt, Suction Tube	1	
6	T0053653	Hose, Suction Ø3x214"	1	
7	T0053654	Hose, Suction Ø1.50x51"	1	
8	T0053655	Hose, Ag Spray 200 Ø3/4x94"	1	
9	TA01002	Assy, 750 Gal Tank and Base	1	
10	TA01010	Assy, Liquid Fert Mount	1	
11	TA01541	Assy, Rear Liq Fert Sight Gauge	1	
12	TA01941	Assy, 3" Tank Fill Manifold	1	
13	TA01942	Assy, Tank Agitator	1	

Note:

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



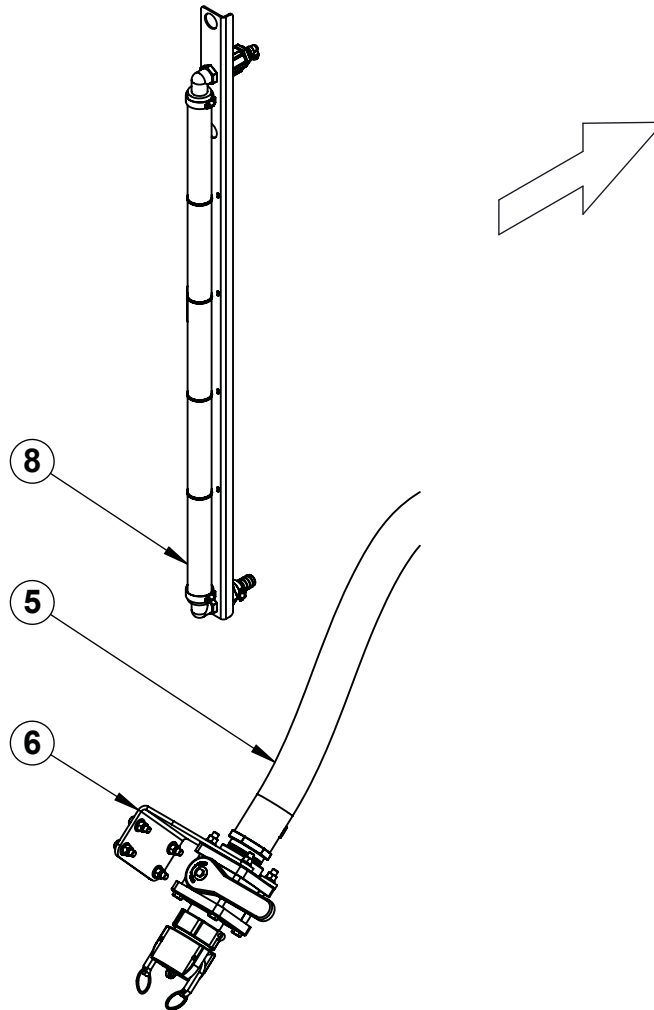


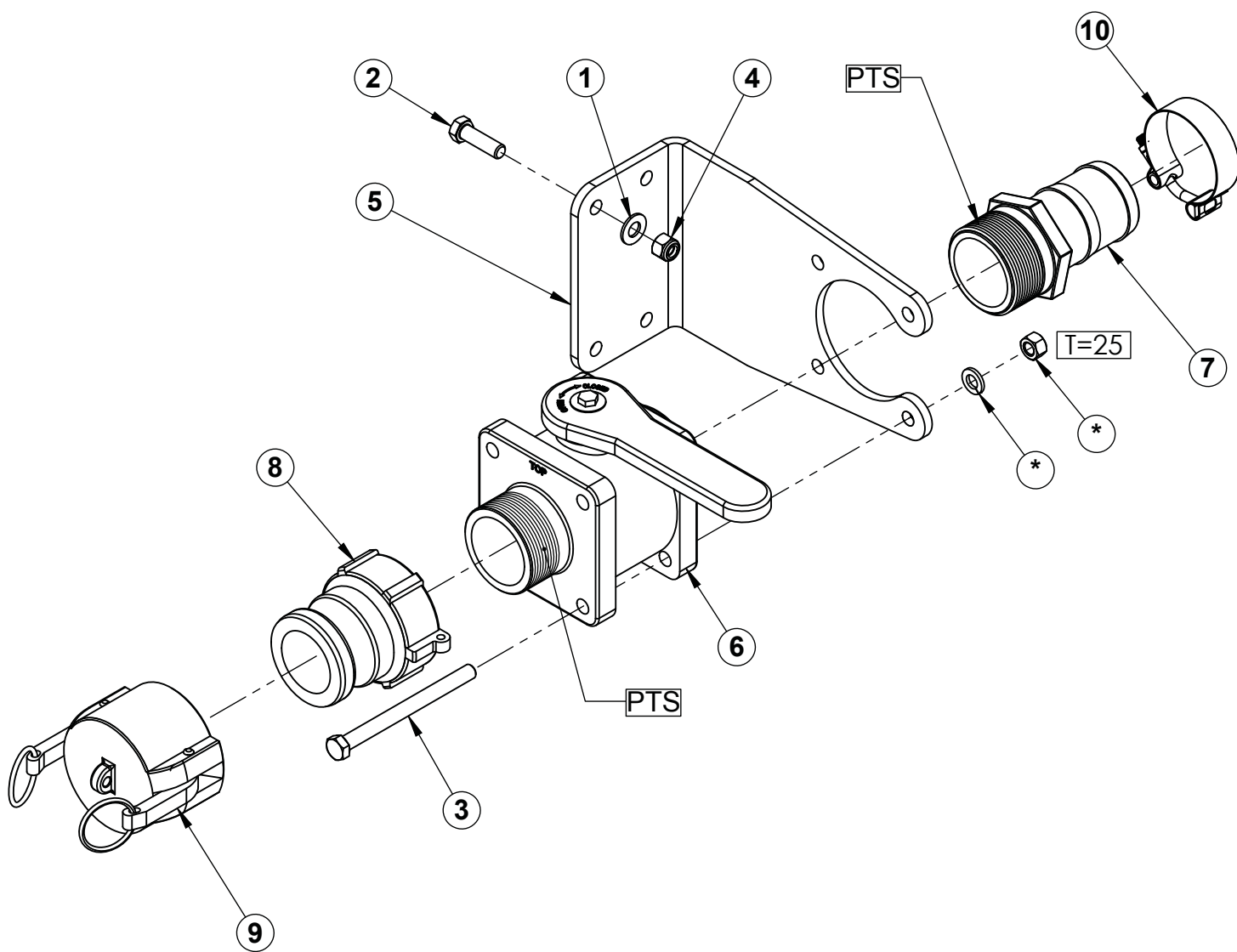
TA02040 Assy, 750 Gal Tank Assy w/2" Fill

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

Note:

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



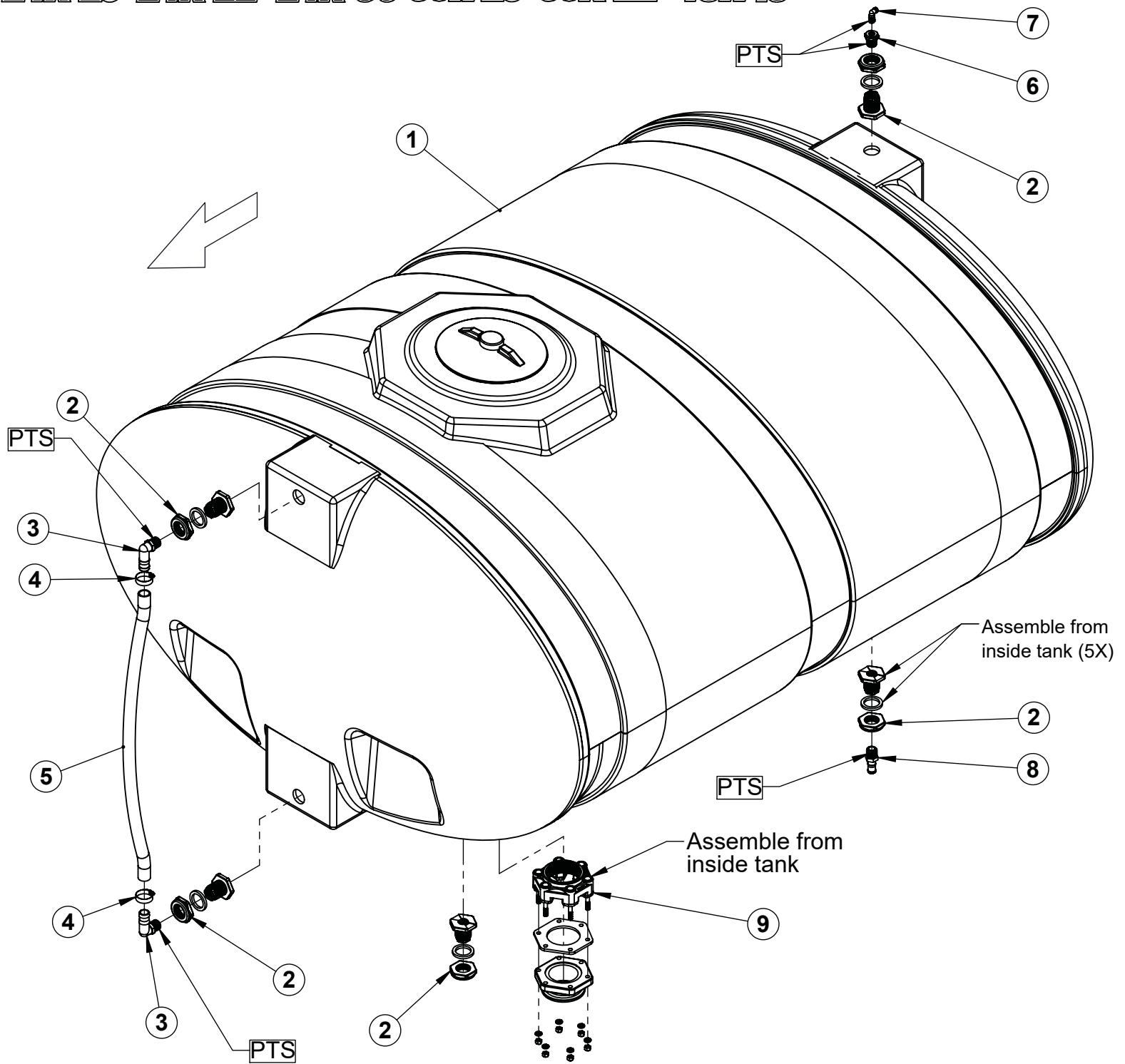


TA00693 Assy, Liquid Fert Mount

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

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

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

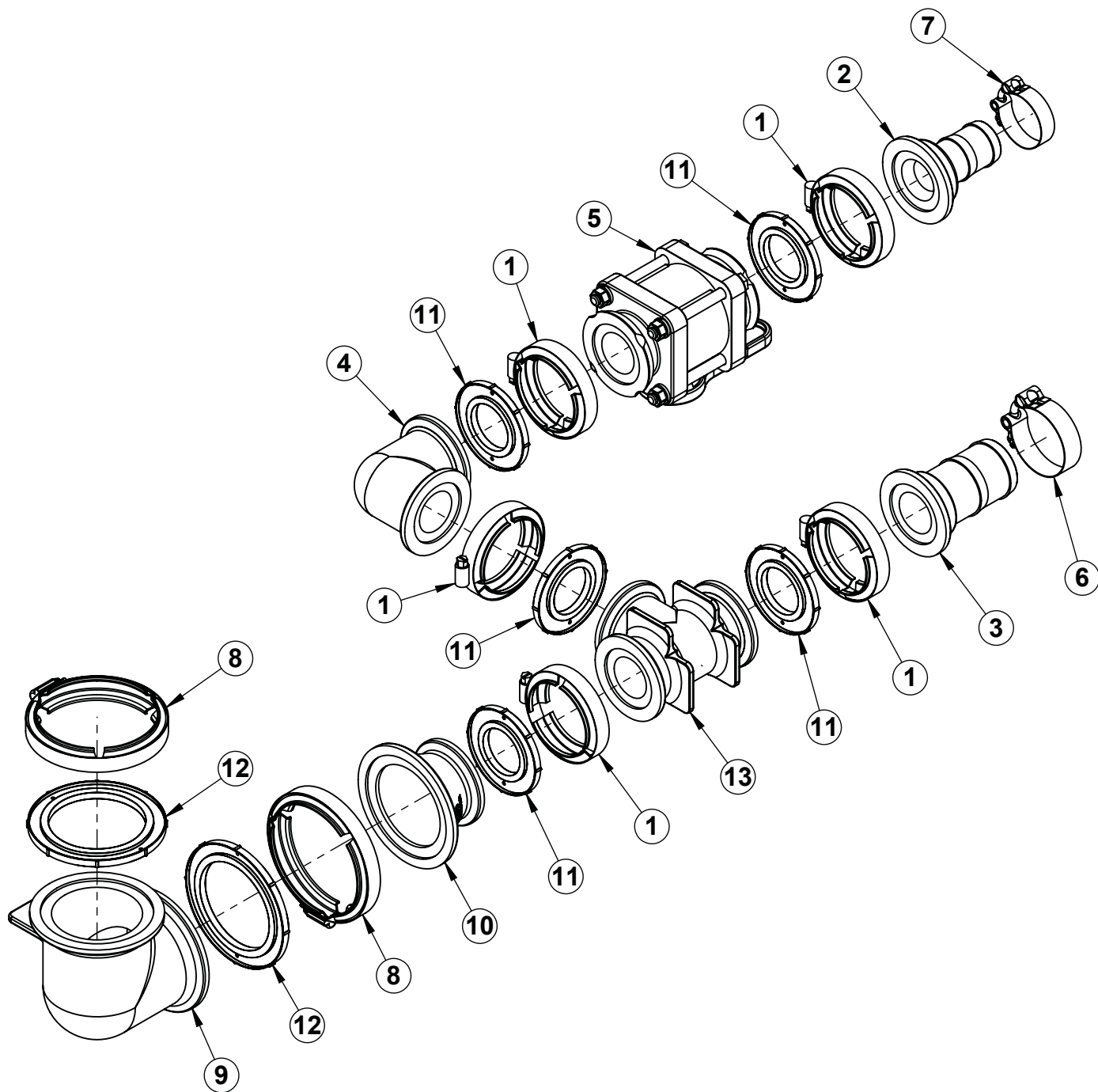


TA01004 Assy, Fert Tank 750 Gal

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

Note:

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

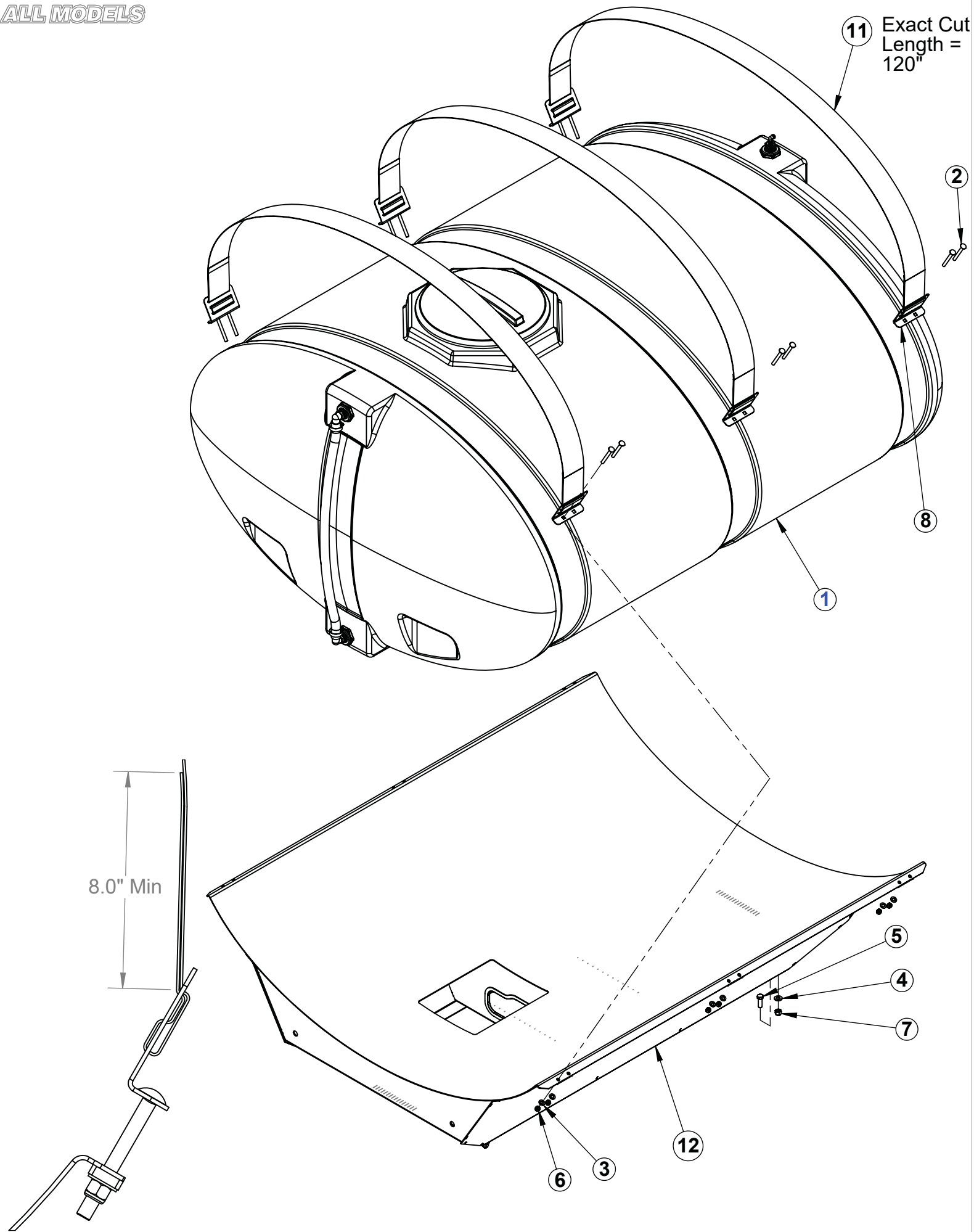


TA02042 Assy, 2" Tank Fill Manifold

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0051560	Clamp 2" Flange	5	
2	T0051598	Fitting, 2" Flange x 1.5" HB	1	
3	T0051612	2" Flange x 2" HB	1	
4	T0051614	2" x 2" 90 deg Flange	1	
5	T0051615	Valve, Ball 2" Manifold	1	
6	T0051639	T-Bolt Clamp 2.5"	1	
7	T0051640	T-Bolt Clamp 2"	1	
8	T0053408	Clamp, 3" Hi Torque	2	
9	T0053421	Coupling, 3" Manifold X 90 Deg	1	
10	T0053424	Ftng, M300 X M200 Coupling	1	
11	T0053630	Gasket, Univ Flanged 1.5" EPDM	5	
12	T0053635	Gasket, Univ Flanged 3.0" EPDM	2	
13	T0055110	Fitting, Manifold Tee, 2"	1	

Note:

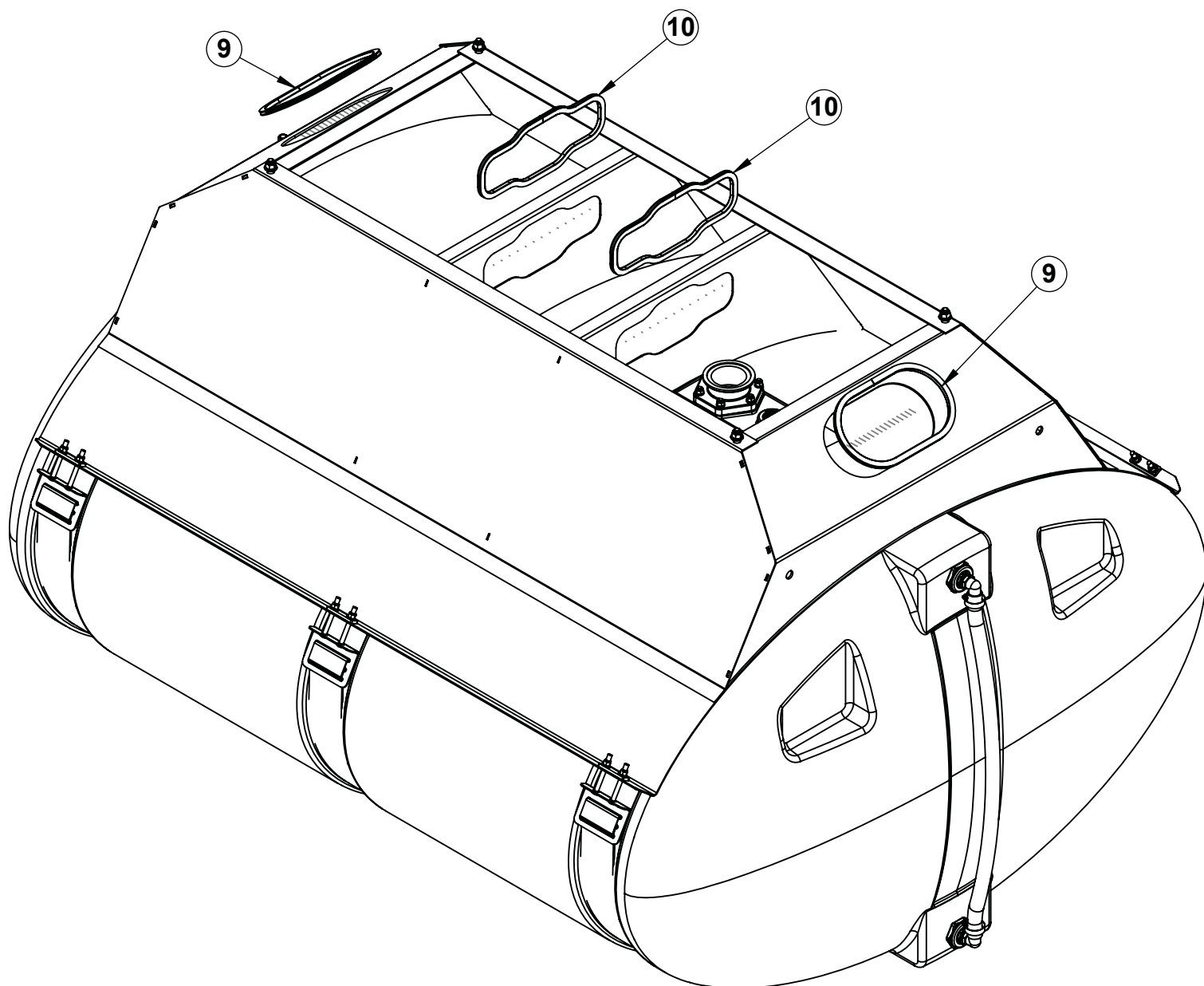
1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.

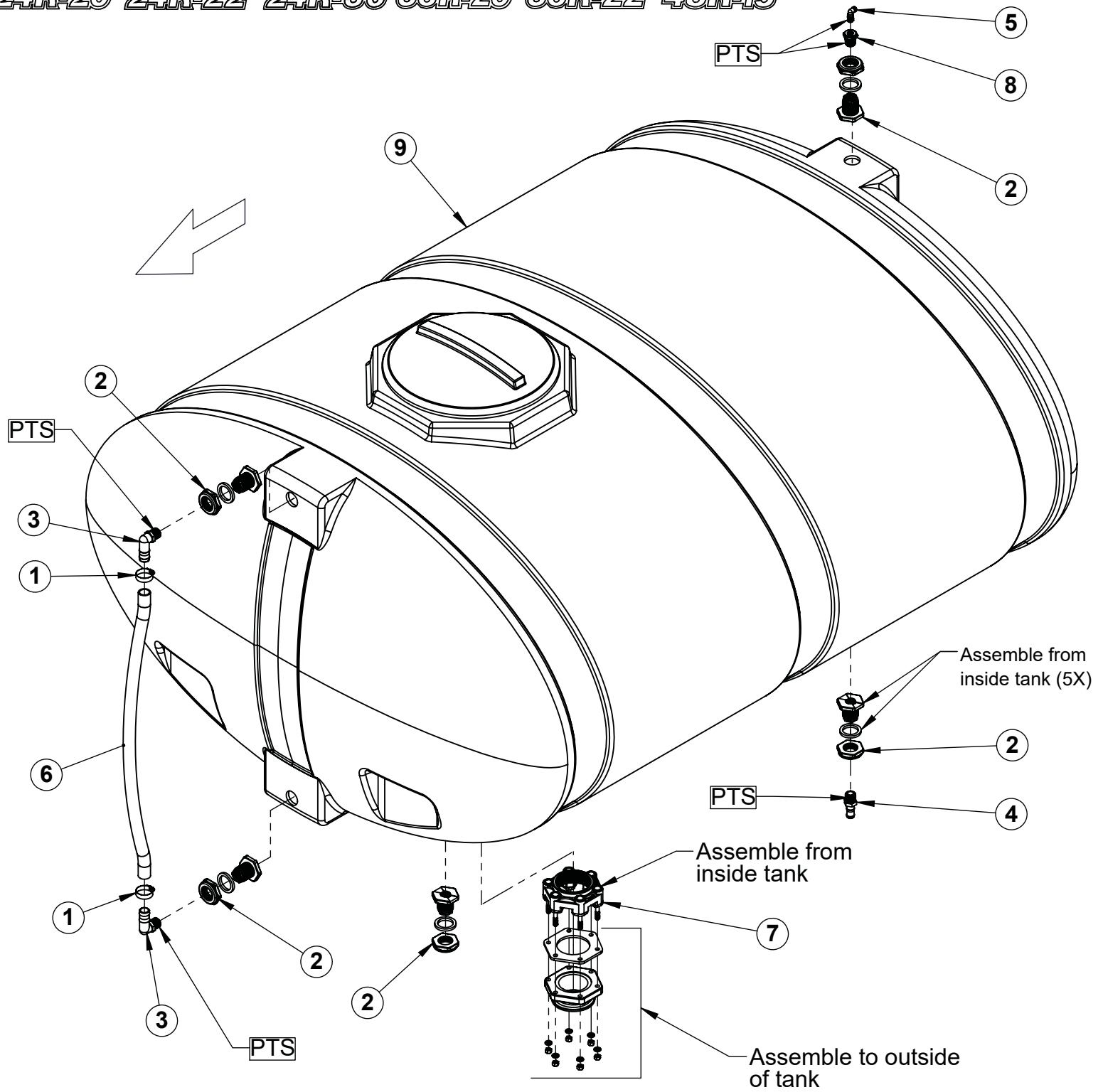


Webbing Routing Detail

TA01002 Assy, 750 Gal Tank and Base

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TA02241	Assy, Fert Tank 750 Gal-White	1	
2	CB-0.375-16X4.00C5	Bolt, Carriage 3/8-16x4 CZ5	12	
3	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	12	
4	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	4	
5	HB-0.500-13X1.50Y8	Bolt, Hex Hd 1/2-13x1-1/2 YZ8	4	
6	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	12	
7	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	4	
8	T0053517	Brkt, Tank Strap	6	
9	T0053845	U-Trim, 3/16x17/32 (per ft)(30.4")	6	
10	T0053845	U-Trim, 3/16x17/32 (per ft)(34")	6	
11	T0055788	Strap, Nylon Tank 4" (per ft)	30	
12	TW000937	Tank Base, 750GA Fertilizer	1	



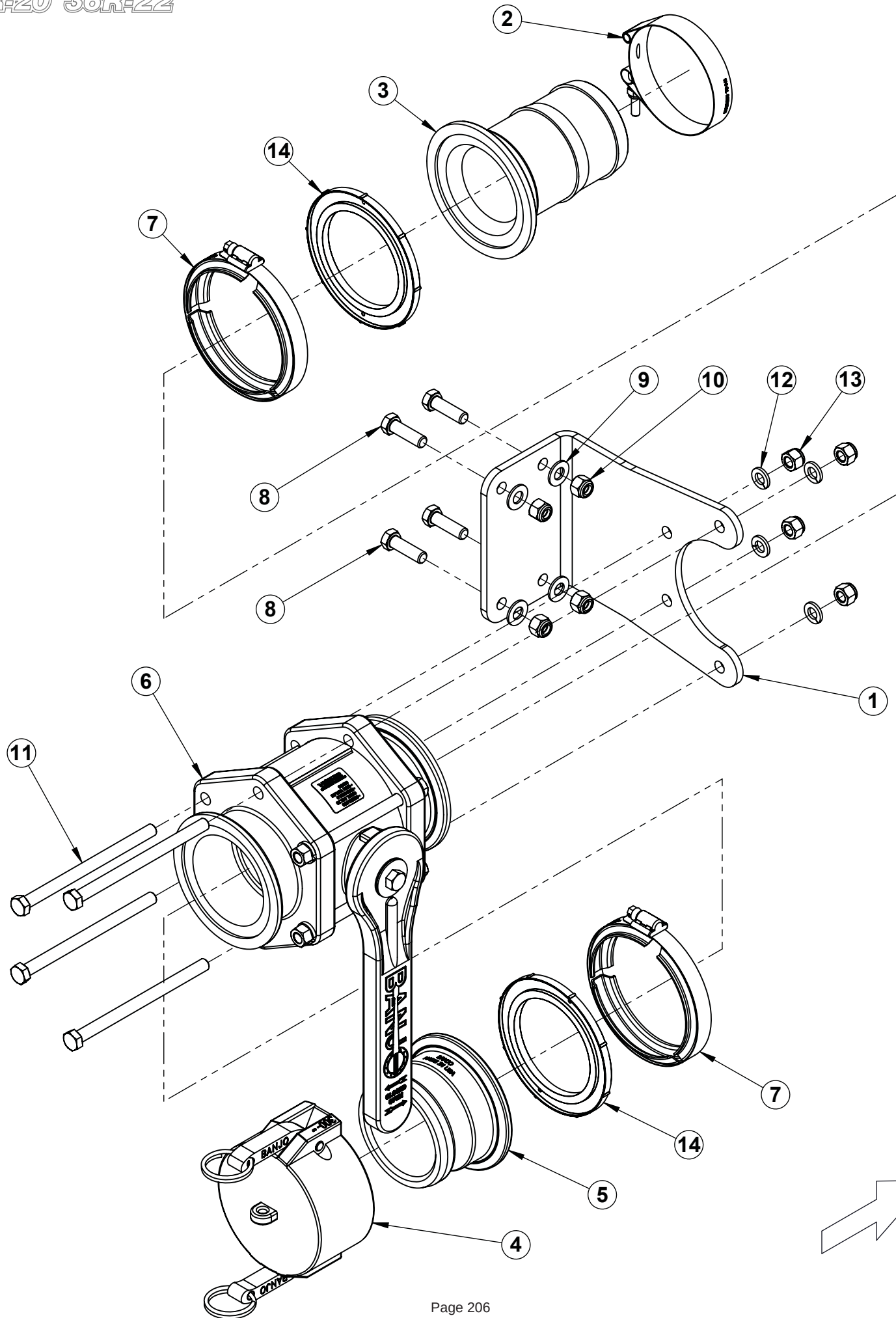


TA02241 Assy, Fert Tank 750 Gal-White

ITEM	PART NUMBER	Vendor PN	DESCRIPTION	QTY.
1	HCLMP-SAE-16SS	62012	Hose Clamp, SAE #16 SS	2
2	T0051176	TF075	Ftng, 3/4" Bulkhead Tank	5
3	T0051179	HB075/100-90	.75" MPT to 1.00" Hose Barb-90	2
4	T0051512	HB075	3/4" MPT x 3/4" HB	1
5	T0052453	0451579	Elbow 1/4" PTC to 1/4" MPT	1
6	T0053360	SGH100	Sight Gauge Hose	1
7	T0053678	MBF300BD	Tank Flg,3" Man Boltd-Bttm Drn	1
8	T0055126	RB075-025	Fitting, Reducer Bushing 1/4 X 3/4 MPT	1
9	T0056567		Tank, 750 Gal Elliptical - White	1

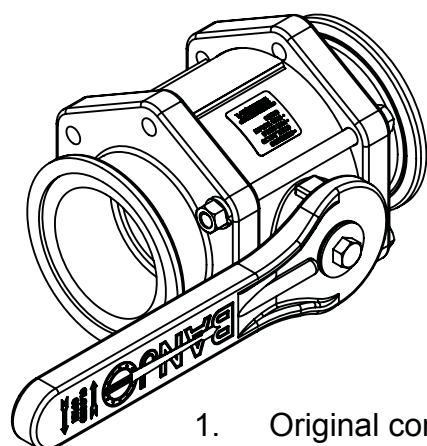
Note:

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

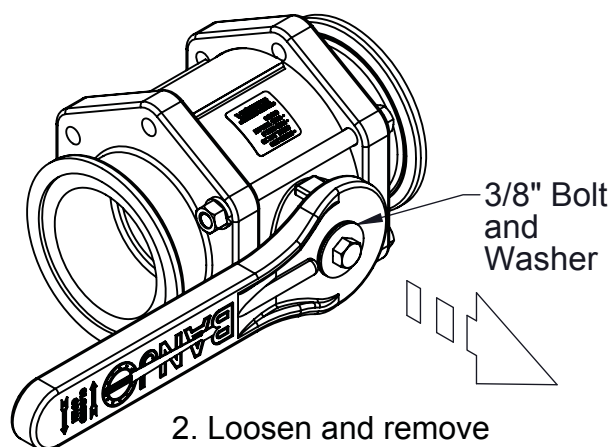


TA01010 Assy, Liquid Fert Mount

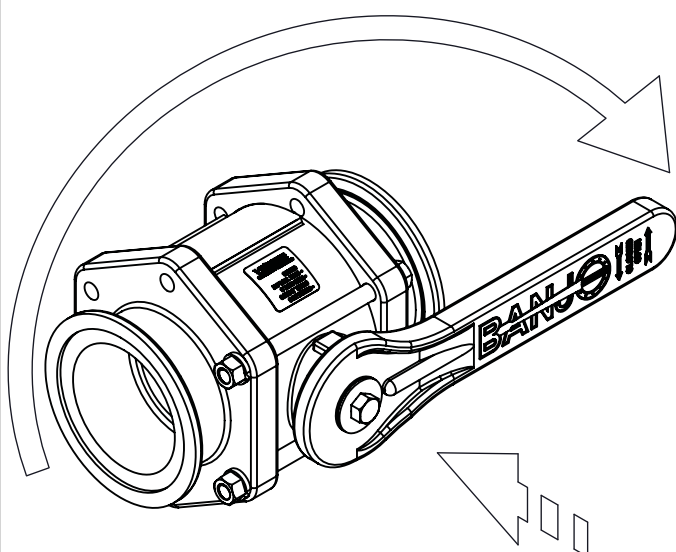
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0053435	Brkt, Liquid Fert Fill Valve	1	
2	T0053436	Clamp, T-Bolt 3-7/16" - 3-3/4"	1	
3	T0053410	Ftng, 3" Manifold Hose Barb	1	
4	T0053437	Cap, Camlock 3"	1	
5	T0053438	Ad, 3" Manf X 3" Male Profile	1	
6	T0053434	Valve, 3"Std Port Manifold	1	
7	T0053408	Clamp, 3" Hi Torque	2	
8	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	4	
9	FW-SAE-0.375Y	Washer, Flat SAE 3/8" YZ	4	
10	NLNUT-0.375-16Y8	Nut, Nylock 3/8-16 YZ8	4	
11	HB-0.375-16X5.50SS	Bolt, Hex Hd 3/8-16x5-1/2-SS	4	
12	LW-0.375SS	LW-0.3750-SS	4	
13	NLNUT-0.375-16SS	Nut, Nylock -3/8"-16-SS	4	
14	T0053635	Gasket, Univ Flanged 3.0" EPDM	2	



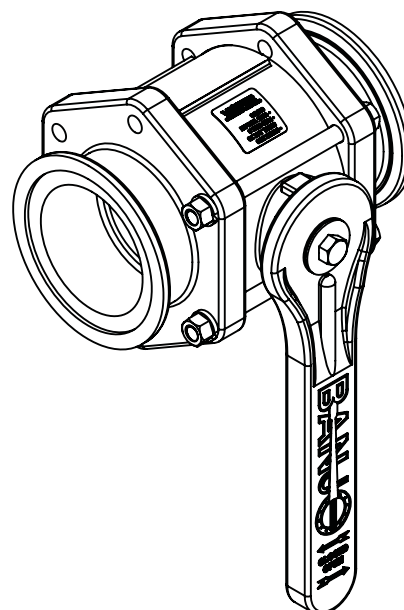
1. Original configuration of part.



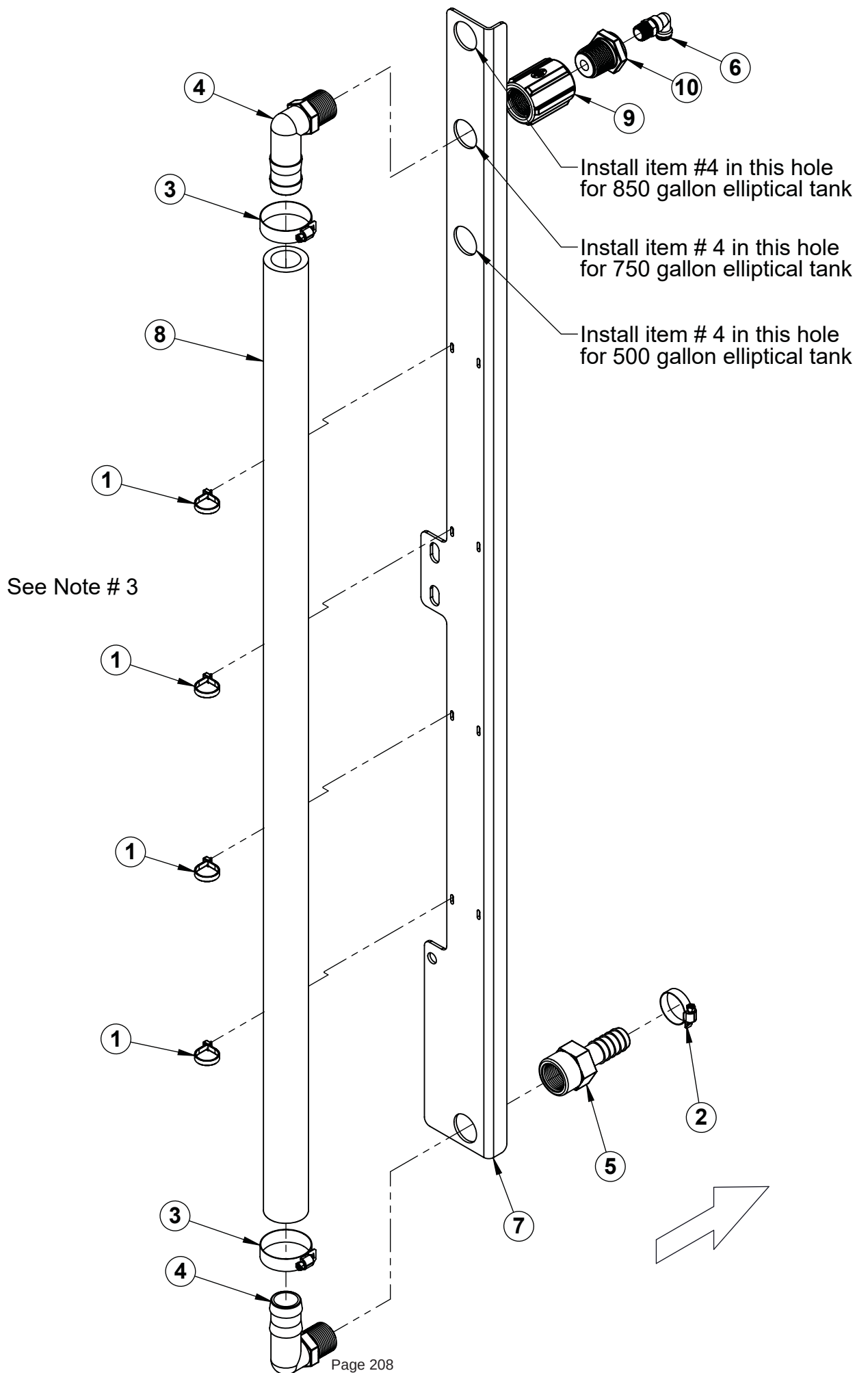
2. Loosen and remove 3/8" bolt and washer with a 9/16" wrench or socket.



3. Flip handle 180° and re-install 3/8" bolt and washer. With the handle correctly installed, the handle will be orientated as shown in the open position.



4. Place handle in the "Closed Position" as shown.



TA01541 Assy, Rear Liq Fert Sight Gauge

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	CBLTIE-0.14X5.50	Cable Tie, 0.14x5.50, 1.30 Max Bundle	4	
2	HCLMP-SAE-12SS	Hose Clamp, SAE #12 SS	1	
3	HCLMP-SAE-16SS	Hose Clamp, SAE #16 SS	2	
4	T0051179	.75" MPT to 1.00" Hose Barb-90	2	
5	T0051642	3/4" FPT x 3/4" Hose Barb SCH 40	1	
6	T0052453	Elbow 1/4" PTC to 1/4" MPT	1	
7	T0055112	Plate, Sight Gauge Bracket	1	
8	T0055115	Hose, Sight Gauge Clear 38.80"	1	
9	T0055120	Fitting, Coupling 3/4"	1	
10	T0055126	Fitting, Reducer Bushing 1/4 X 3/4 MPT	1	

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

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

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

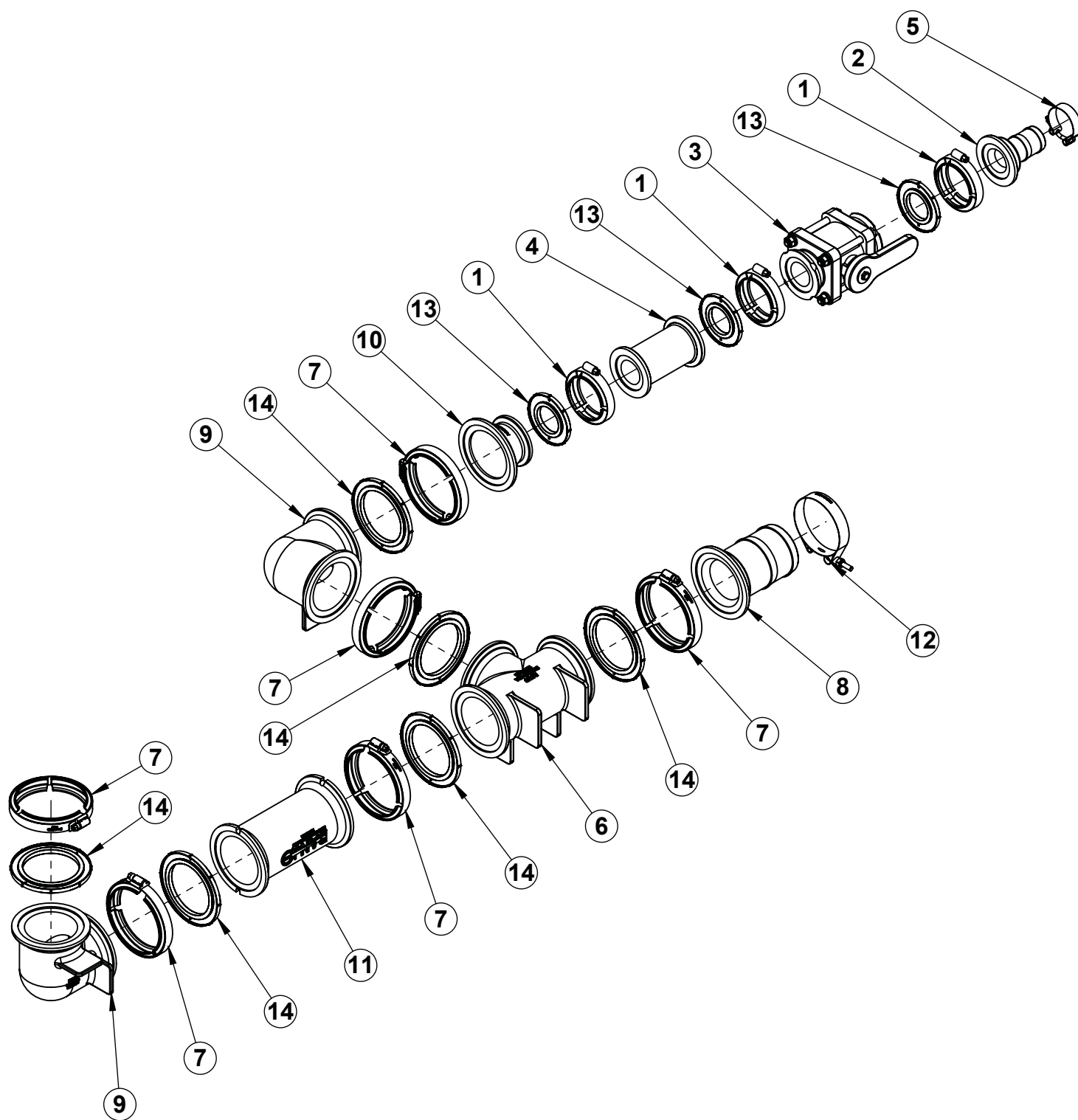
TA01541 Assy, Rear Liq Fert Sight Gauge (850 Gallon Elliptical Tank Option)

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

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

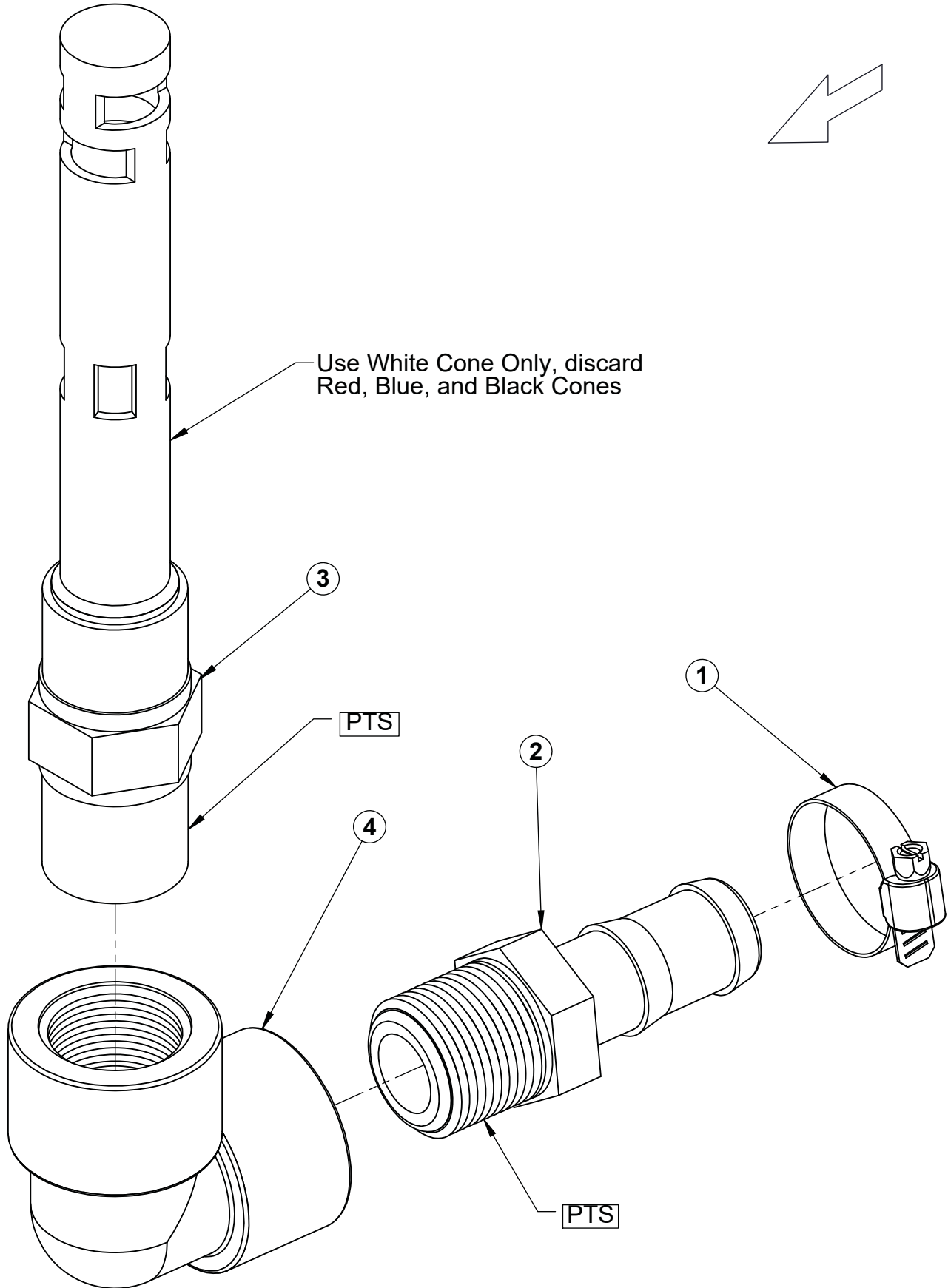
Note:

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



TA01941 Assy, 3" Tank Fill Manifold

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0051560	Clamp 2" Flange	3	
2	T0051598	Fitting, 2" Flange x 1.5" HB	1	
3	T0051615	Valve, Ball 2" Manifold	1	
4	T0051635	Coupling 2" Flange	1	
5	T0051640	T-Bolt Clamp 2"	1	
6	T0053398	Tee, Manifold 3.0	1	
7	T0053408	Clamp, 3" Hi Torque	6	
8	T0053410	Ftng, 3" Manifold Hose Barb	1	
9	T0053421	Coupling, 3" Manifold X 90 Deg	2	
10	T0053424	Ftng, M300 X M200 Coupling	1	
11	T0053426	Ftng, Coupling M300 X 7"	1	
12	T0053436	Clamp, T-Bolt 3-7/16" - 3-3/4"	1	
13	T0053630	Gasket, Univ Flanged 1.5" EPDM	3	
14	T0053635	Gasket, Univ Flanged 3.0" EPDM	6	

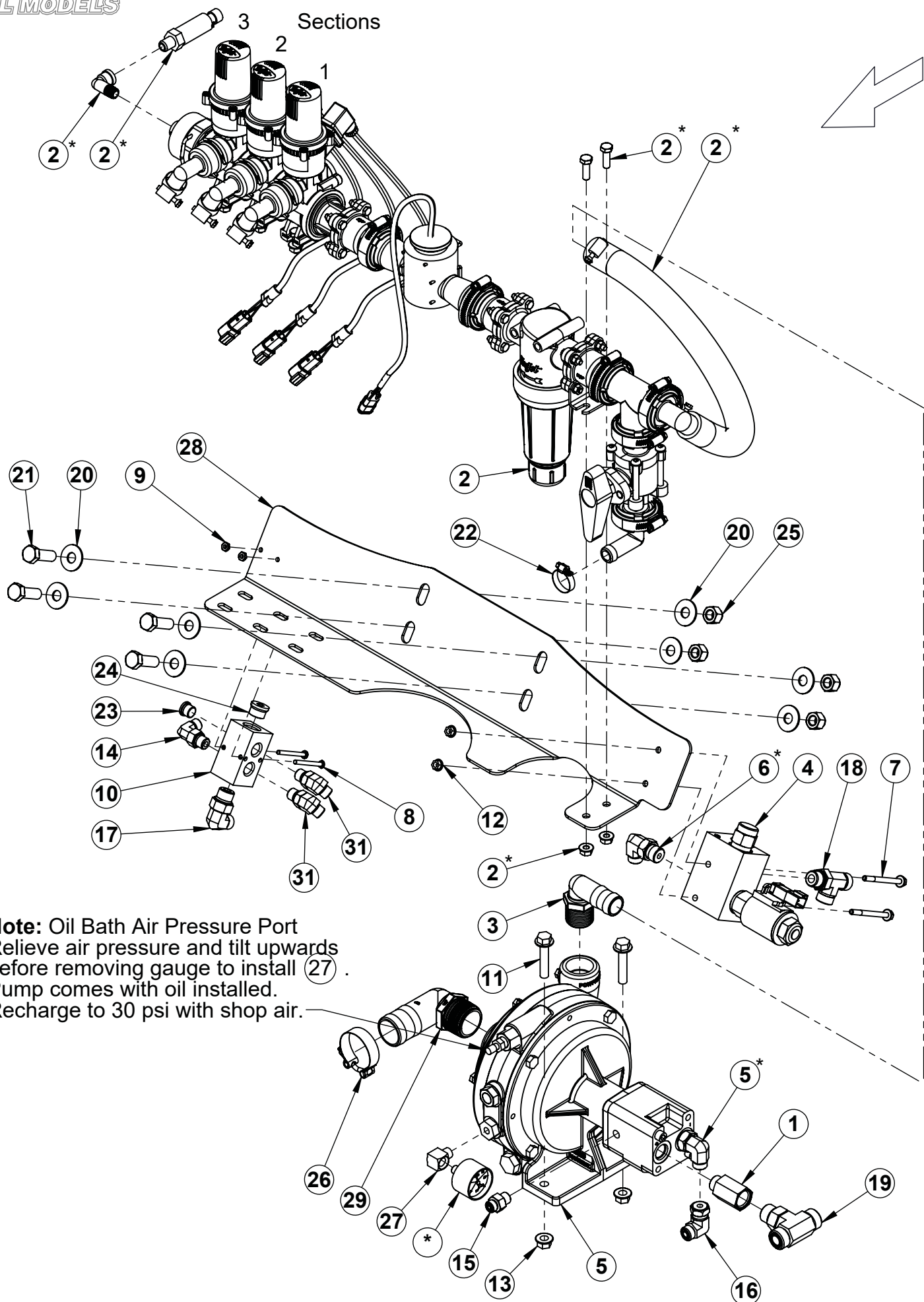


TA01942 Assy, Tank Agitator

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HCLMP-SAE-12SS	Hose Clamp, SAE #12-SS	1	
2	T0051512	3/4" MPT x 3/4" HB	1	
3	T0051637	Agitator, Tank	1	
4	T0052428	Elbow, 3/4FPT X 3/4FPT	1	

Note:

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



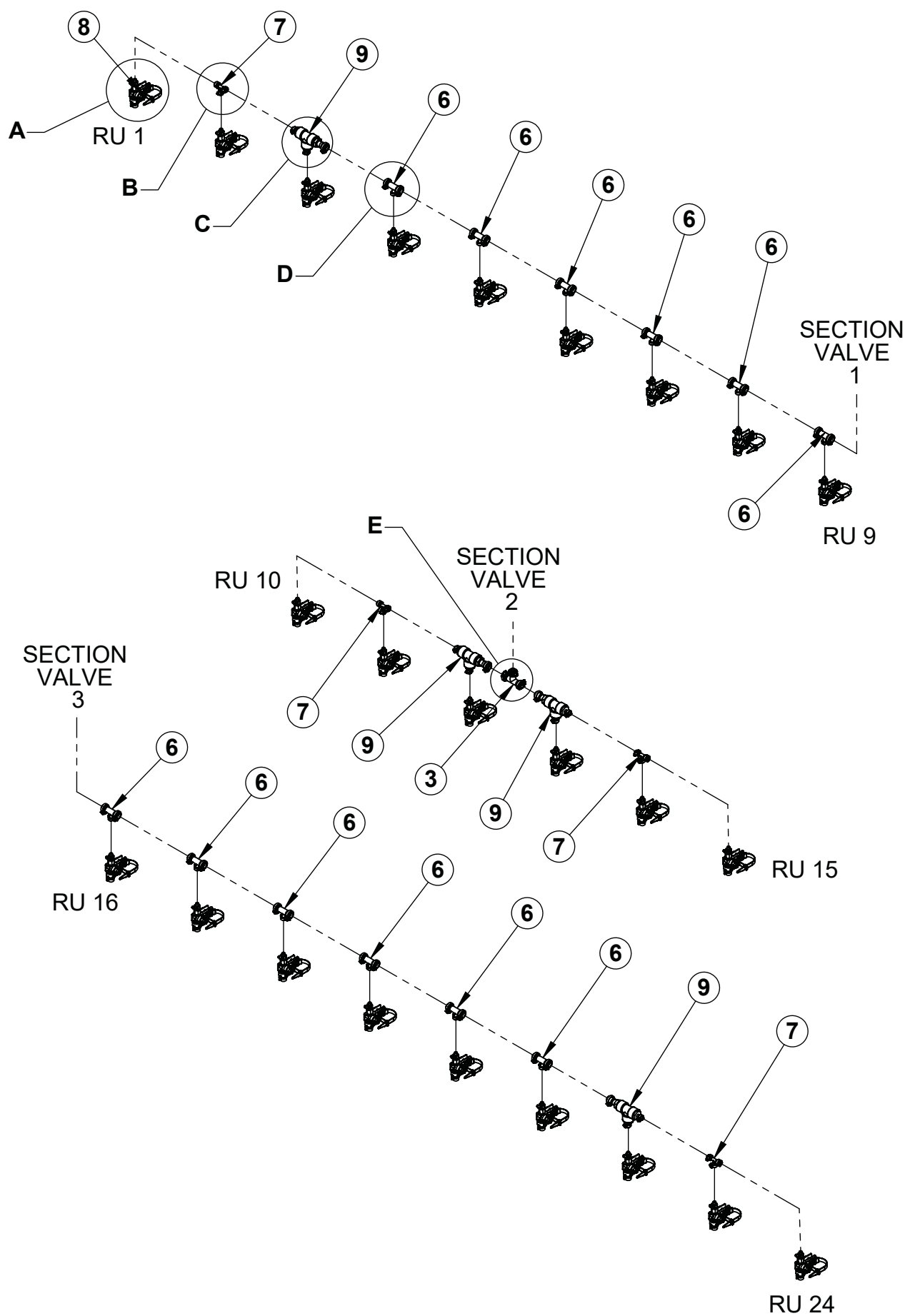
Note: Oil Bath Air Pressure Port
Relieve air pressure and tilt upwards
before removing gauge to install (27).
Pump comes with oil installed.
Recharge to 30 psi with shop air. —

TA01936 Assy, Fert Pump/ Section Valves

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	47733330	Adapter, 08MB-10FB Check Valve	1	
2	47788907	Assy, Fertilizer Manifold	1	
3	47796392	Hose Barb	1	
4	47898204	Valve, Fertilizer Control	1	
5	51571395_asm	Assy, Fertilizer Pump (CNH)	1	
6	84390792	AD-06MFS-08MB-90 (CNH)	1	
7	87023526	Bolt	2	
8	90-12-3682	Screw, Pan Head Phil #10-24 x 2	2	
9	90-13-0051	Nut, Hex #10-24 Gr5 ZP	2	
10	90-36-0021	Manifold, 08in to 06 out 4 ports at 180	1	
11	9804264	Bolt	2	
12	9804276	Nut	2	
13	9804278	Nut	2	
14	AD-04MFS-06MB-90	Adapter, 04MFS-06MB 90	1	
15	AD-04MFS-06MB	Adapter, 04MFS-06MB	1	
16	AD-06MFS-06FST-90	Adapter, 06MFS-06FST 90	1	
17	AD-06MFS-08MB-90	Adapter, 06MFS-08MB 90	1	
18	AD-08MFS-08MB-08MFS	Adapter, 08MFS-08MB-08MFS Tee	1	
19	AD-10MFS-10MFS-10MB	Adapter, 10MFS-10MFS-10MB Tee	1	
20	FW-USS-0.438Y	Washer, Flat USS 7/16 YZ	8	
21	HB-0.500-13X1.50Y8	Bolt, Hex Hd 1/2-13x1-1/2 YZ8	4	
22	HCLMP-SAE-12SS	Hose Clamp, SAE #12 SS	1	
23	HEXPLUG-06MB-HLW	06MB HOLLOW HEX PLUG	1	
24	HEXPLUG-08MB-HLW	08MB HOLLOW HEX PLUG	1	
25	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	4	
26	T0051640	T-Bolt Clamp 2"	1	
27	T0052368	Elbow, Street 1/4 NPT FxM 90°	1	
28	T0055372	Mount, Fertilizer Manifold	1	
29	T0055791	1-1/4 NPT x 1-1/2 x 90 Hose Barb	1	
30	TA01939	Hose Kit, Fertilizer Control	1	
31	AD-04MFS-06MB-45	Adapter, 04MFS-06MB 45	2	

Note:

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

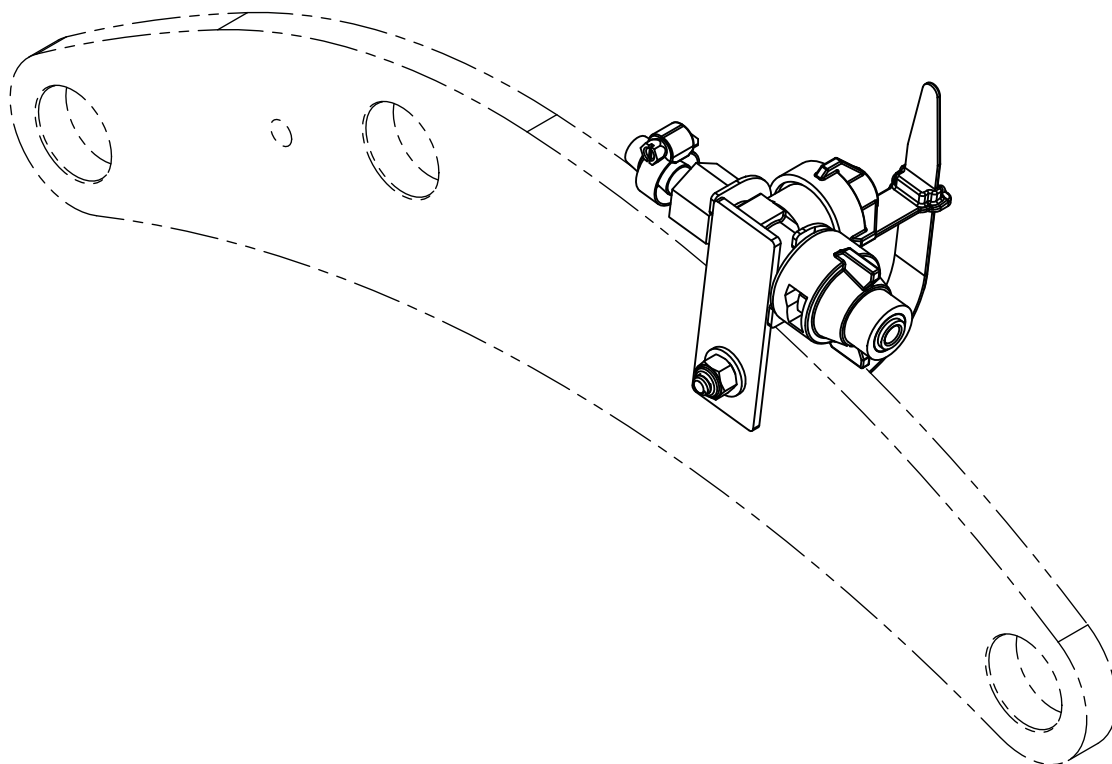


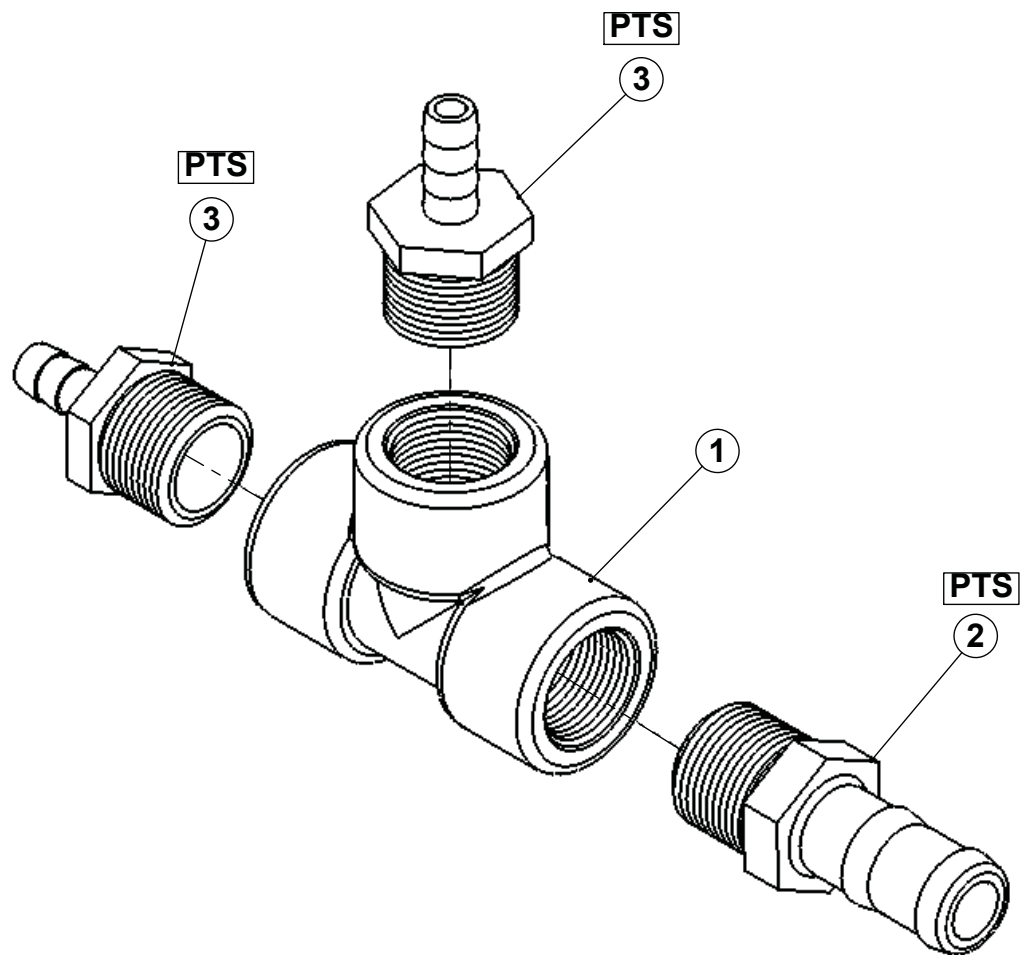
TA02202 Assy, RU Fertilizer Check Valve

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	90-10-7773	Bolt, Socket 1/4-20 x 1 1/4 Gr8	1	
2	CBLTIE-0.50X9.10	Cable Tie, 0.50x9.10, 2.25 Max Bundle	1	
3	CBLTIEMT-.250-.500	Cable Tie Mount, 1/4" Screw, 1/2" CBLTIE	1	
4	FW-SAE-0.250Y	Washer, Flat SAE 1/4 YZ	1	
5	HCLMP-SAE-06SS	Hose Clamp, SAE #6 SS	1	
6	NLNUT-0.250-20Y8	Nylon Lock Nut, 1/4-20 YZ8	1	
7	T0051530	TeeJet 1/4 Inch Hose Adaptor	1	
8	T0051544	Hose Barb 1/4" FPT x 3/8" HB	1	
9	T0056273	Bracket, Fert. Mount Front	1	
10	T0056274	Plate, Fert. Mount Back	1	
11	T0056314	TeeJet Check Valve Assy	1	

Note:

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





TA02045 Assy, Fertilizer Pump 2000

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0056128	Hose, Suction Ø1.50" x 58"	1	
2	T0056130	Hose, Ag Spray 200 Ø3/4" x 73"	1	
3	TA01936	Assy, Fert Pump/ Section Valves	1	

Note:

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

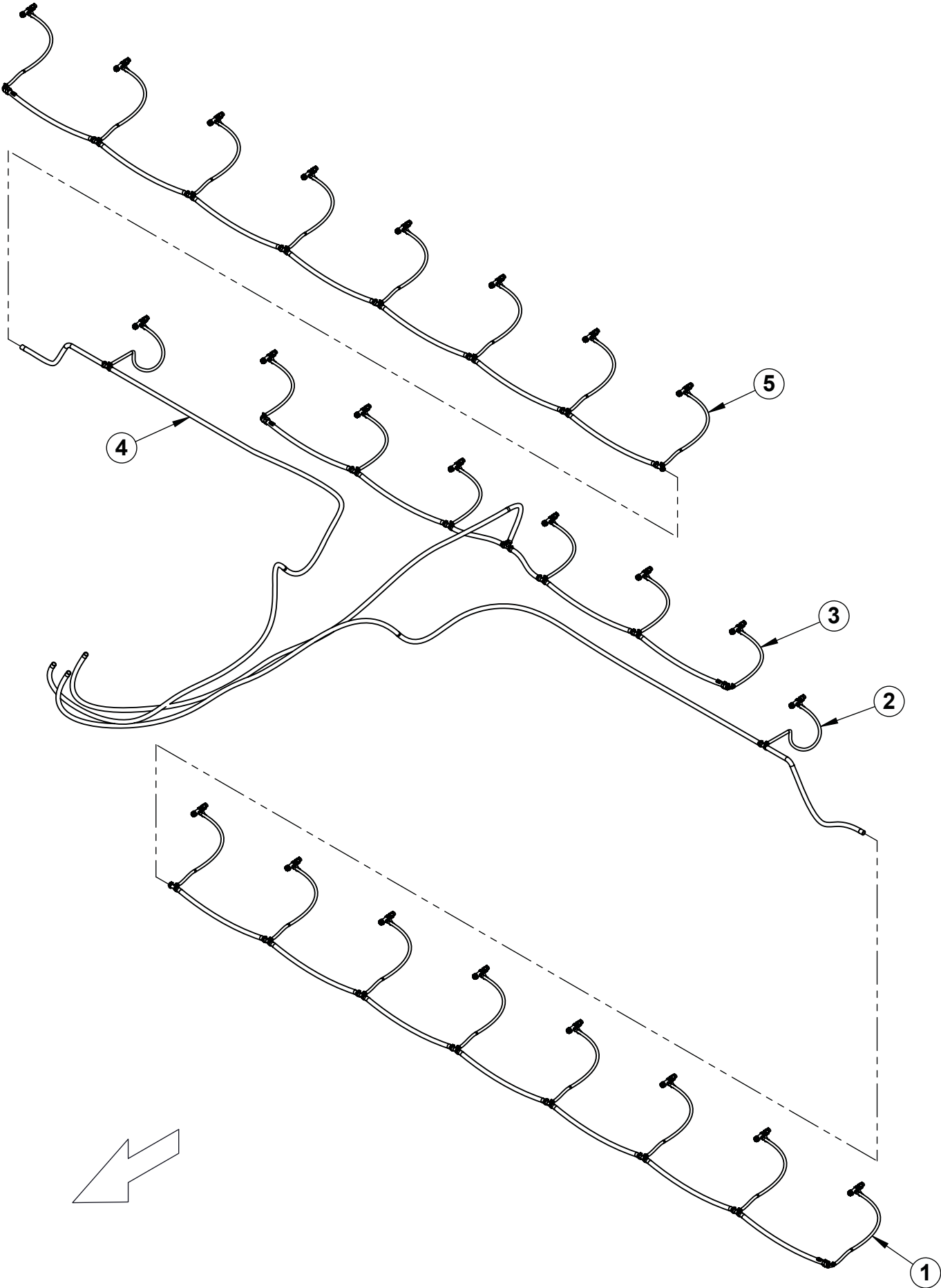
TA01939 – Hose Kit, Fertilizer (2000)

Hoses:

P/N	Qty	Hose Label
HS04-018-04FS-04FS45-A	1	CD-Fert-018
HS06-016-06FS-06FS-A	1	M-I-016
HS08-028-08FS-08FS-A	1	P-028
HS08-028-10FS-10FS90-A	1	T-O-028

Notes:

- All hoses rated to 3000 psi working pressure, 250°F working temperature unless otherwise noted.
- Hose length in inches measured to ends of JIC flare nuts, o-ring face of ORFS ends, and centerline of 90° ends.
- Stamp date of hose manufacture on crimp fitting. Print “Hose Label” descriptor on hose at each end. Additionally print “Hose Label” descriptor on hose in 36” intervals on hoses longer than 72” in total length.

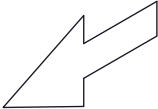
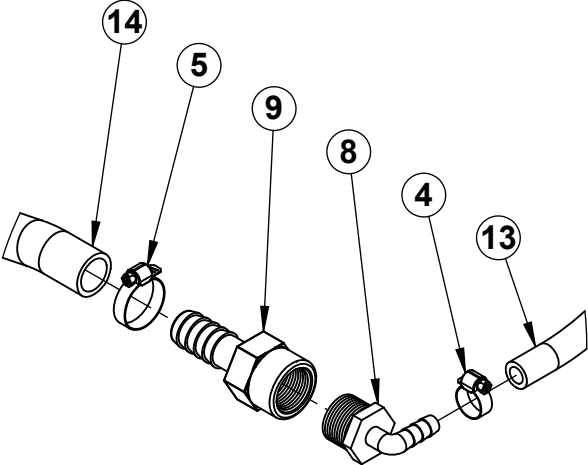
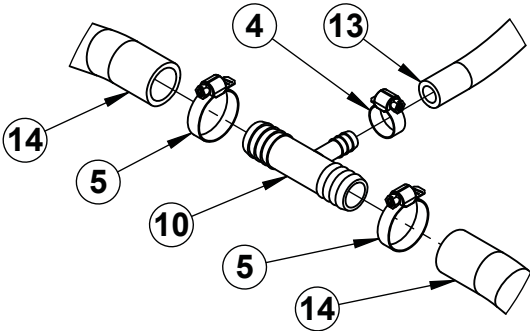
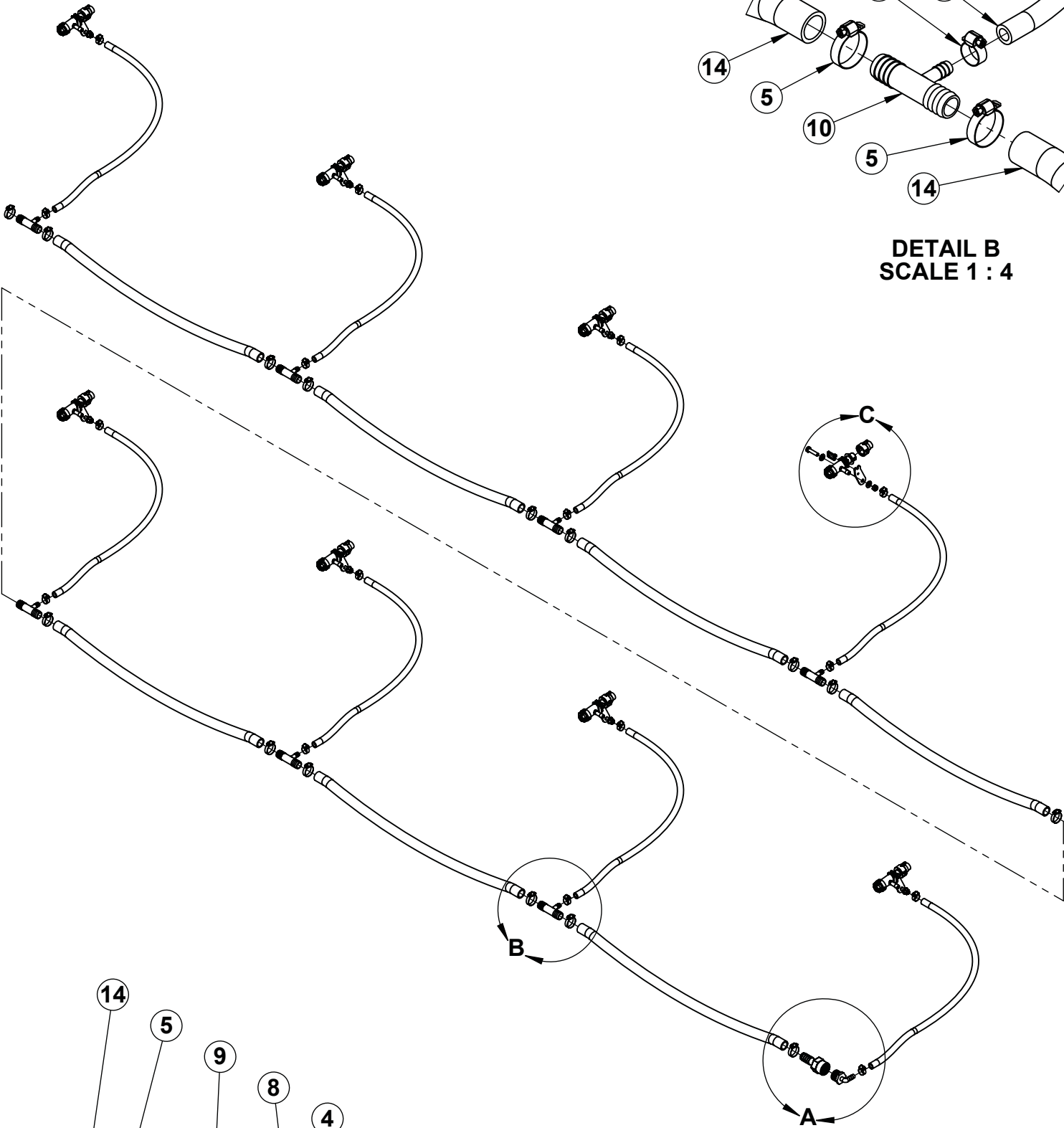


TA01938 Assy, 24R30 Toolbar Fert

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA01951	Assy, 24R30 LH Wing Fert. Route	1	
2	TA01952	Assy, 24R30 LH Stub Arm Fert. Route	1	
3	TA01953	Assy, 24R30 Center Bar Fert. Route	1	
4	TA01954	Assy, 24R30 RH Stub Arm Fert. Route	1	
5	TA01955	Assy, 24R30 RH Wing Fert. Route	1	

Note:

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

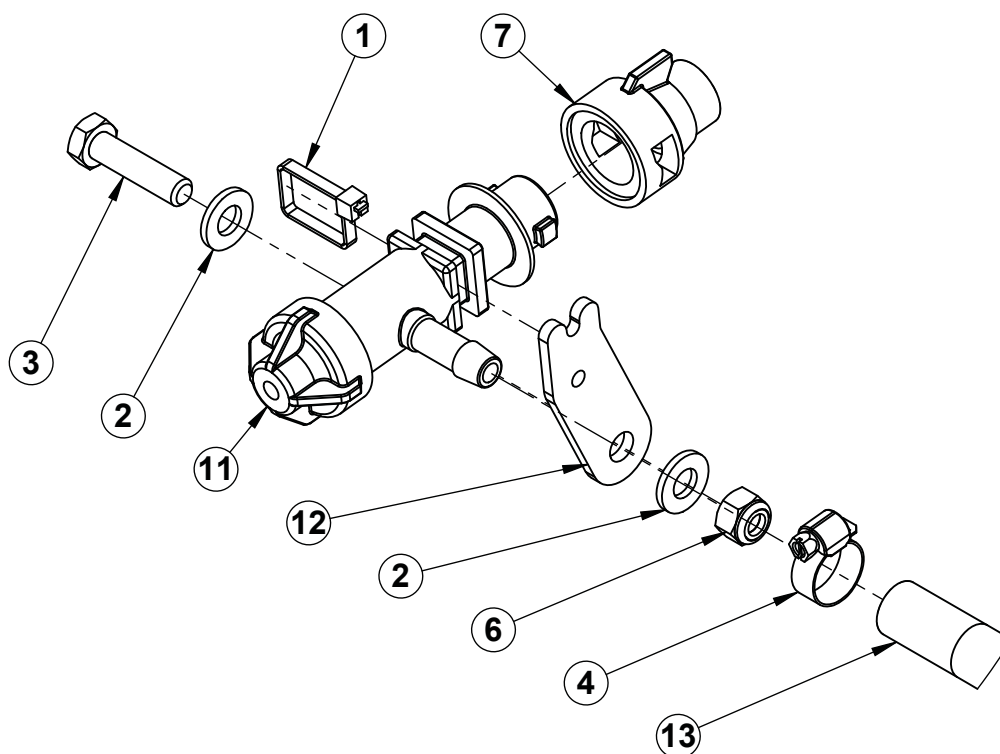


TA01951 Assy, 24R30 LH Wing Fert. Route

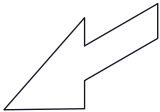
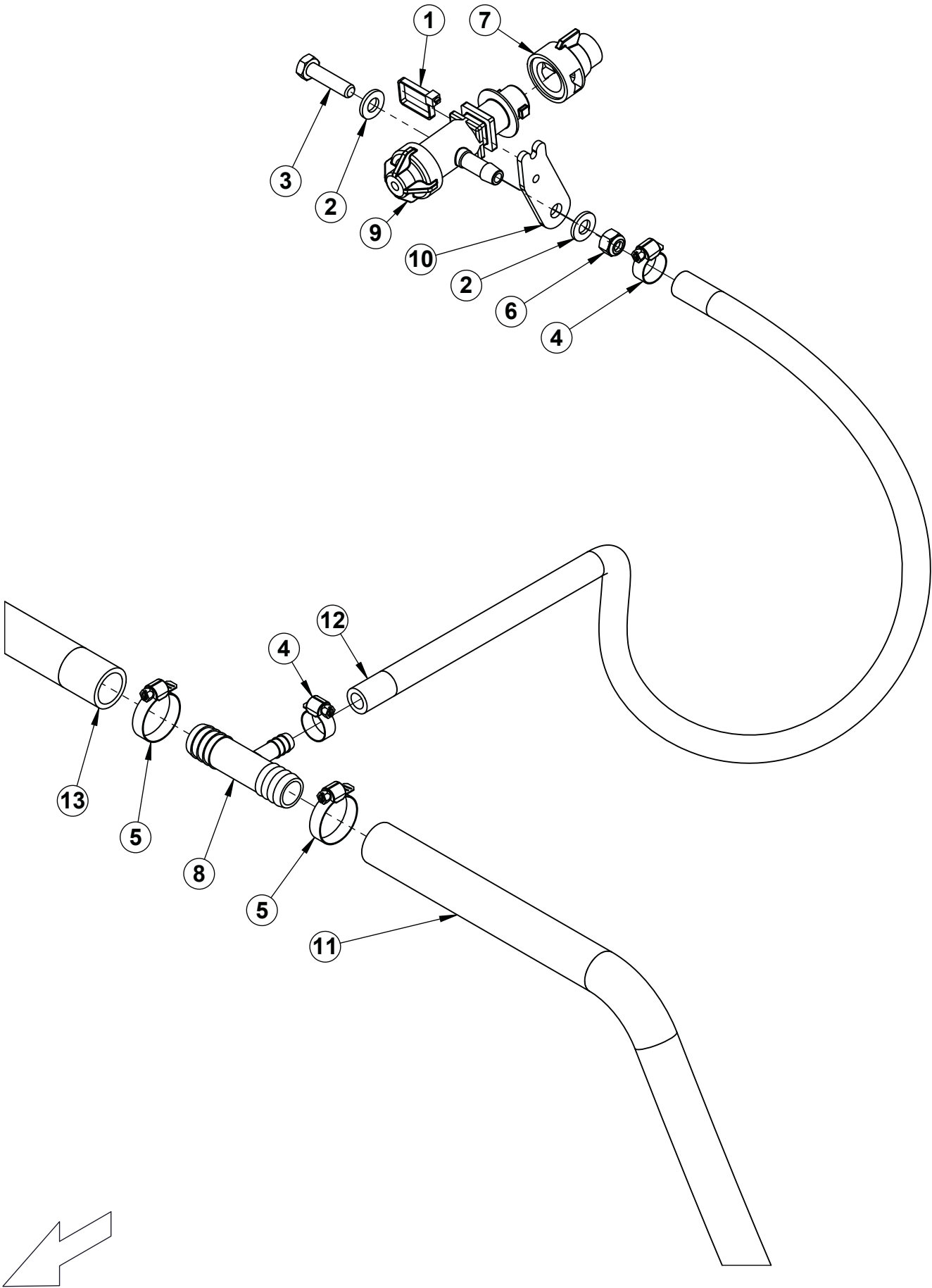
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	CBLTIE-0.18X7.90	CableTie .18X7.90-2.00Max Bundle	8	
2	FW-SAE-0.313Y	Washer, SAE Flat 5/16" YZ	16	
3	HB-0.313-18X1.25Y8	Bolt, Hex Hd 5/16-18x1-1/4 YZ8	8	
4	HCLMP-SAE-06SS	Hose Clamp, SAE #6-SS	16	
5	HCLMP-SAE-12SS	Hose Clamp, SAE #12-SS	15	
6	NLNUT-0.313-18Y8	Nut, Nylock 5/16"-18-YZ8	8	
7	T0051530	TeeJet 1/4 Inch Hose Adaptor	8	
8	T0051641	3/4" MPT x 3/8" HB Elbow	1	
9	T0051642	3/4" FPT x 3/4" Hose Barb SCH 40	1	
10	T0052308	Barbed Tee 3/4" x 3/4" x 3/8"	7	
11	T0056015	Adaptor, TeeJet 3/8in Check Vavle Tee	8	
12	T0056022	Plate, Fert. Check Valve Mount	8	
13	T0056023	Hose, AgSpray 200 Ø3/8x27	8	
14	T0056024	Hose, AgSpray 200 Ø3/4x30	7	

Note:

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



DETAIL C
SCALE 1 : 2

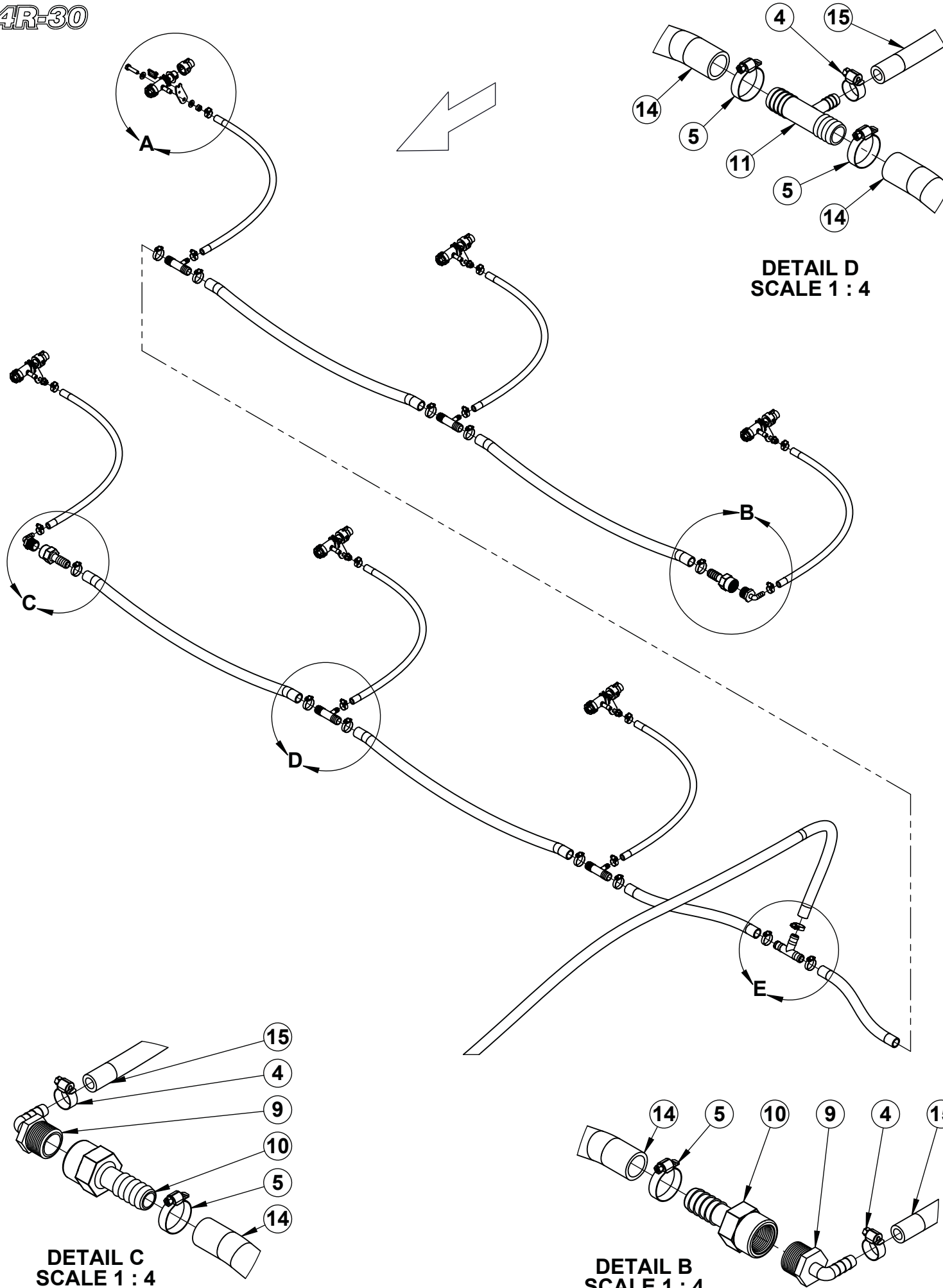


TA01952 Assy, 24R30 LH Stub Arm Fert. Route

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	CBLTIE-0.18X7.90	CableTie .18X7.90-2.00Max Bundle	1	
2	FW-SAE-0.313Y	Washer, SAE Flat 5/16" YZ	2	
3	HB-0.313-18X1.25Y8	Bolt, Hex Hd 5/16-18x1-1/4 YZ8	1	
4	HCLMP-SAE-06SS	Hose Clamp, SAE #6-SS	2	
5	HCLMP-SAE-12SS	Hose Clamp, SAE #12-SS	2	
6	NLNUT-0.313-18Y8	Nut, Nylock 5/16"-18-YZ8	1	
7	T0051530	TeeJet 1/4 Inch Hose Adaptor	1	
8	T0052308	Barbed Tee 3/4" x 3/4" x 3/8"	1	
9	T0056015	Adaptor, TeeJet 3/8in Check Vavle Tee	1	
10	T0056022	Plate, Fert. Check Valve Mount	1	
11	T0056025	Hose, AgSpray 200 Ø3/4x38	1	
12	T0056026	Hose, AgSpray 200 Ø3/8x32	1	
13	T0056027	Hose, AgSpray 200 Ø3/4x218	1	

Note:

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

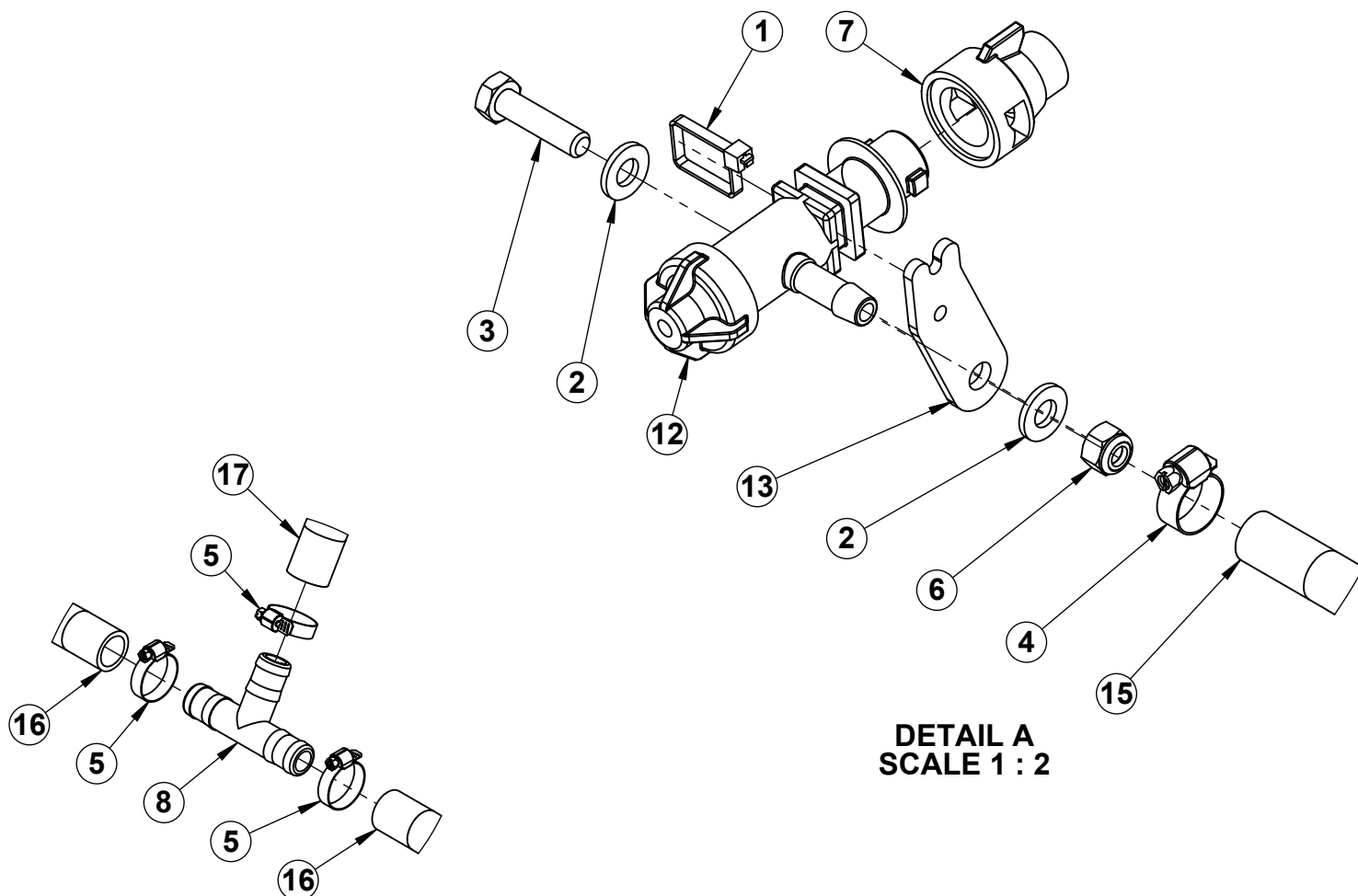


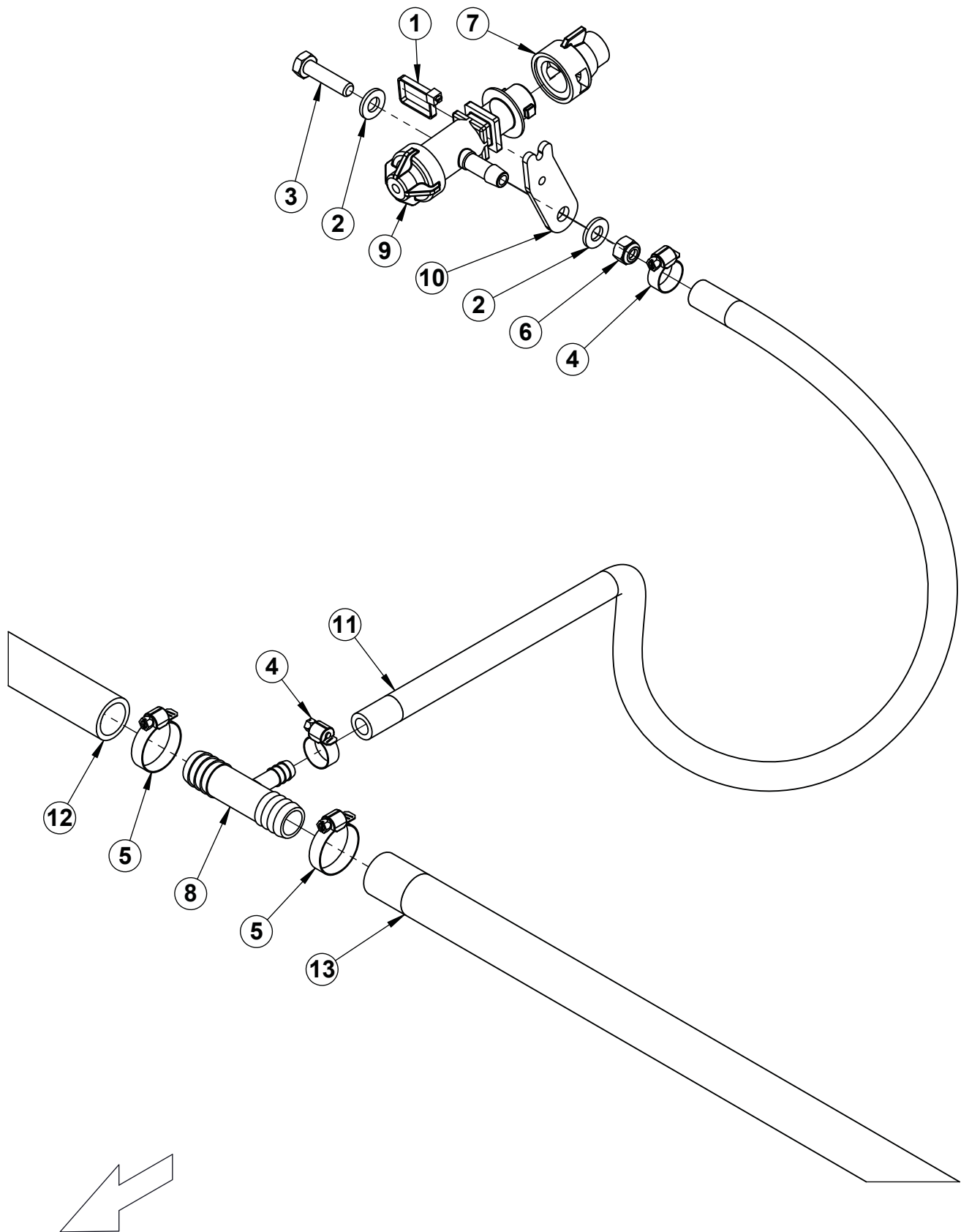
TA01953 Assy, 24R30 Center Bar Fert. Route

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	CBLTIE-0.18X7.90	CableTie .18X7.90-2.00Max Bundle	6	
2	FW-SAE-0.313Y	Washer, SAE Flat 5/16" YZ	12	
3	HB-0.313-18X1.25Y8	Bolt, Hex Hd 5/16-18x1-1/4 YZ8	6	
4	HCLMP-SAE-06SS	Hose Clamp, SAE #6-SS	12	
5	HCLMP-SAE-12SS	Hose Clamp, SAE #12-SS	13	
6	NLNUT-0.313-18Y8	Nut, Nylock 5/16"-18-YZ8	6	
7	T0051530	TeeJet 1/4 Inch Hose Adaptor	6	
8	T0051638	3/4" Hose Barb Tee	1	
9	T0051641	3/4" MPT x 3/8" HB Elbow	2	
10	T0051642	3/4" FPT x 3/4" Hose Barb SCH 40	2	
11	T0052308	Barbed Tee 3/4" x 3/4" x 3/8"	4	
12	T0056015	Adaptor, TeeJet 3/8in Check Vavle Tee	6	
13	T0056022	Plate, Fert. Check Valve Mount	6	
14	T0056024	Hose, AgSpray 200 Ø3/4x30	4	
15	T0056030	Hose, AgSpray 200 Ø3/8x21	6	
16	T0056031	Hose, AgSpray 200 Ø3/4x15	2	
17	T0056032	Hose, AgSpray 200 Ø3/4x160	1	

Note:

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


**DETAIL A
SCALE 1 : 2**
**DETAIL E
SCALE 1 : 4**

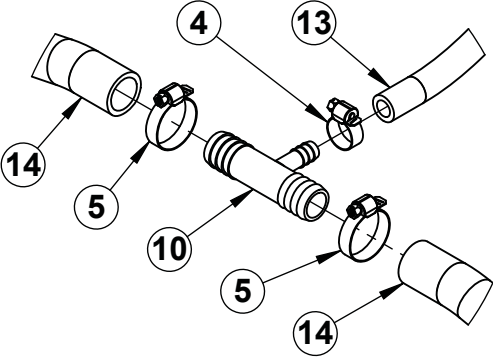
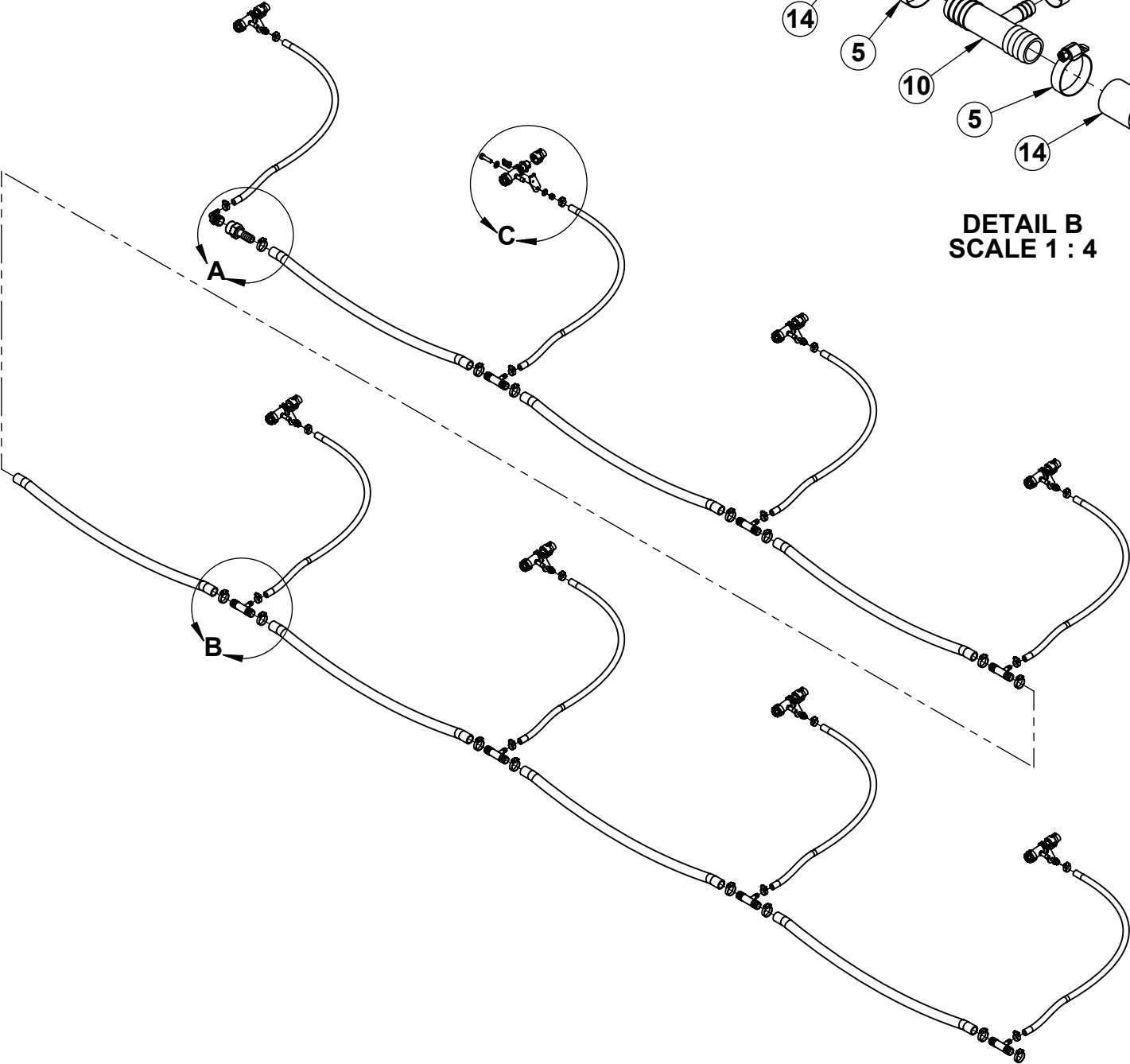


TA01954 Assy, 24R30 RH Stub Arm Fert. Route

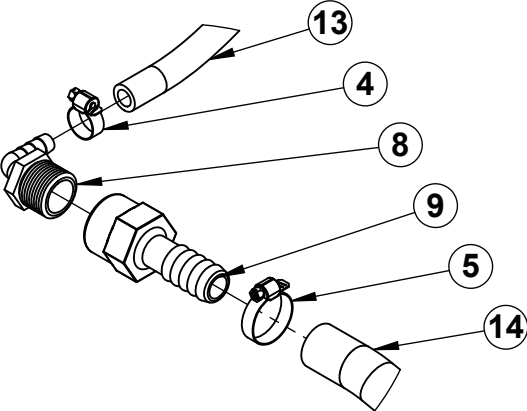
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	CBLTIE-0.18X7.90	CableTie .18X7.90-2.00Max Bundle	1	
2	FW-SAE-0.313Y	Washer, SAE Flat 5/16" YZ	2	
3	HB-0.313-18X1.25Y8	Bolt, Hex Hd 5/16-18x1-1/4 YZ8	1	
4	HCLMP-SAE-06SS	Hose Clamp, SAE #6-SS	2	
5	HCLMP-SAE-12SS	Hose Clamp, SAE #12-SS	2	
6	NLNUT-0.313-18Y8	Nut, Nylock 5/16"-18-YZ8	1	
7	T0051530	TeeJet 1/4 Inch Hose Adaptor	1	
8	T0052308	Barbed Tee 3/4" x 3/4" x 3/8"	1	
9	T0056015	Adaptor, TeeJet 3/8in Check Vavle Tee	1	
10	T0056022	Plate, Fert. Check Valve Mount	1	
11	T0056026	Hose, AgSpray 200 Ø3/8x32	1	
12	T0056028	Hose, AgSpray 200 Ø3/4x32	1	
13	T0056029	Hose, AgSpray 200 Ø3/4x211	1	

Note:

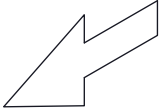
1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



DETAIL B
SCALE 1 : 4



DETAIL A
SCALE 1 : 4

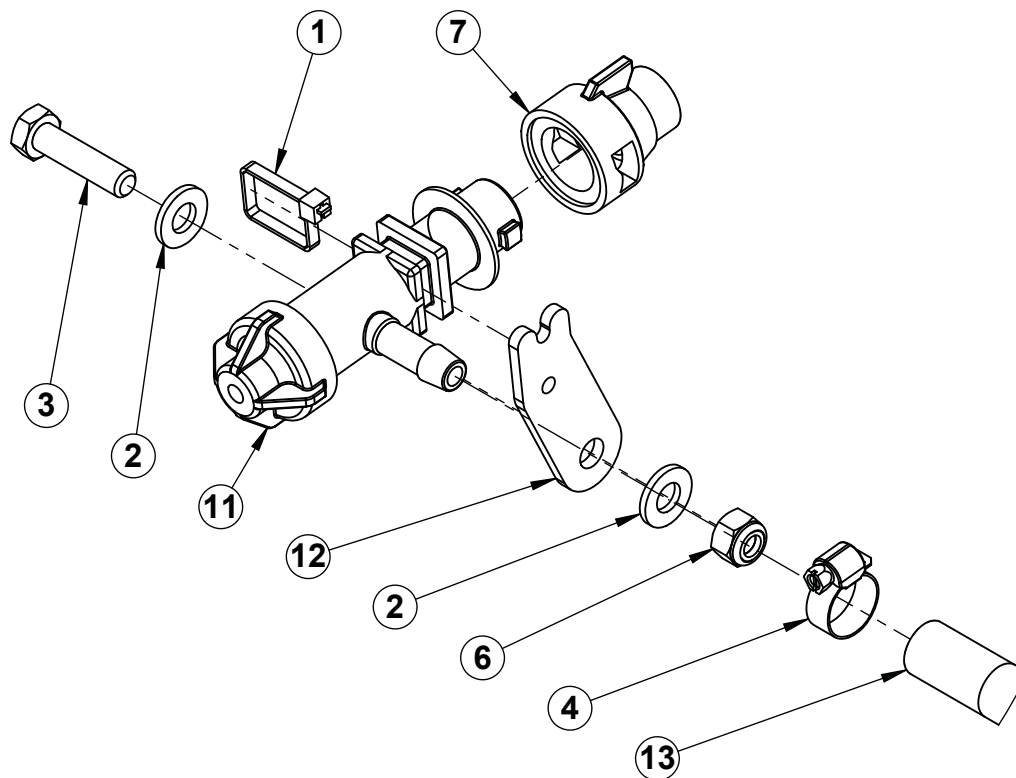


TA01955 Assy, 24R30 RH Wing Fert. Route

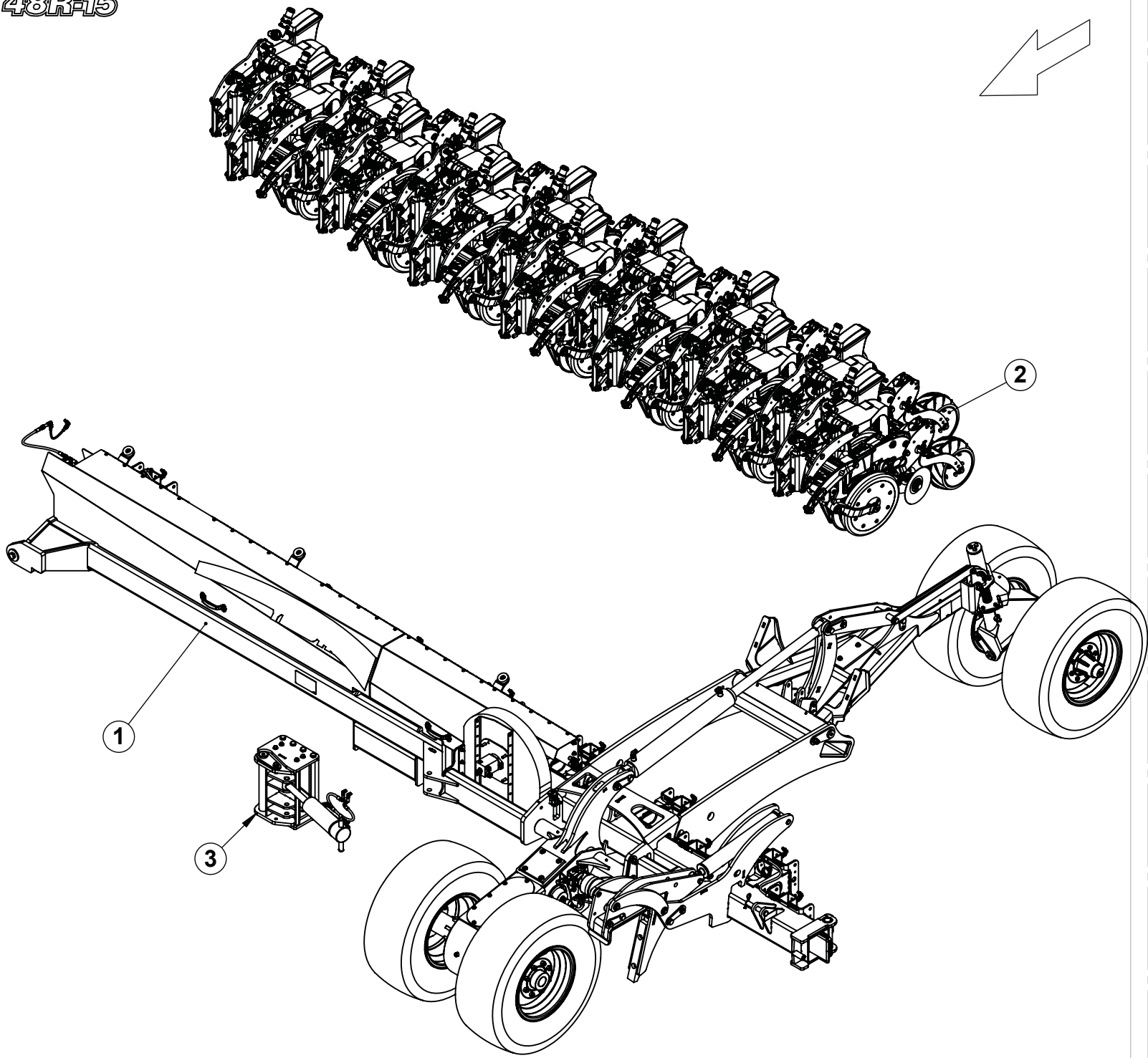
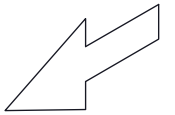
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	CBLTIE-0.18X7.90	CableTie .18X7.90-2.00Max Bundle	8	
2	FW-SAE-0.313Y	Washer, SAE Flat 5/16" YZ	16	
3	HB-0.313-18X1.25Y8	Bolt, Hex Hd 5/16-18x1-1/4 YZ8	8	
4	HCLMP-SAE-06SS	Hose Clamp, SAE #6-SS	16	
5	HCLMP-SAE-12SS	Hose Clamp, SAE #12-SS	15	
6	NLNUT-0.313-18Y8	Nut, Nylock 5/16"-18-YZ8	8	
7	T0051530	TeeJet 1/4 Inch Hose Adaptor	8	
8	T0051641	3/4" MPT x 3/8" HB Elbow	1	
9	T0051642	3/4" FPT x 3/4" Hose Barb SCH 40	1	
10	T0052308	Barbed Tee 3/4" x 3/4" x 3/8"	7	
11	T0056015	Adaptor, TeeJet 3/8in Check Vavle Tee	8	
12	T0056022	Plate, Fert. Check Valve Mount	8	
13	T0056023	Hose, AgSpray 200 Ø3/8x27	8	
14	T0056024	Hose, AgSpray 200 Ø3/4x30	7	

Note:

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



DETAIL C
SCALE 1 : 2

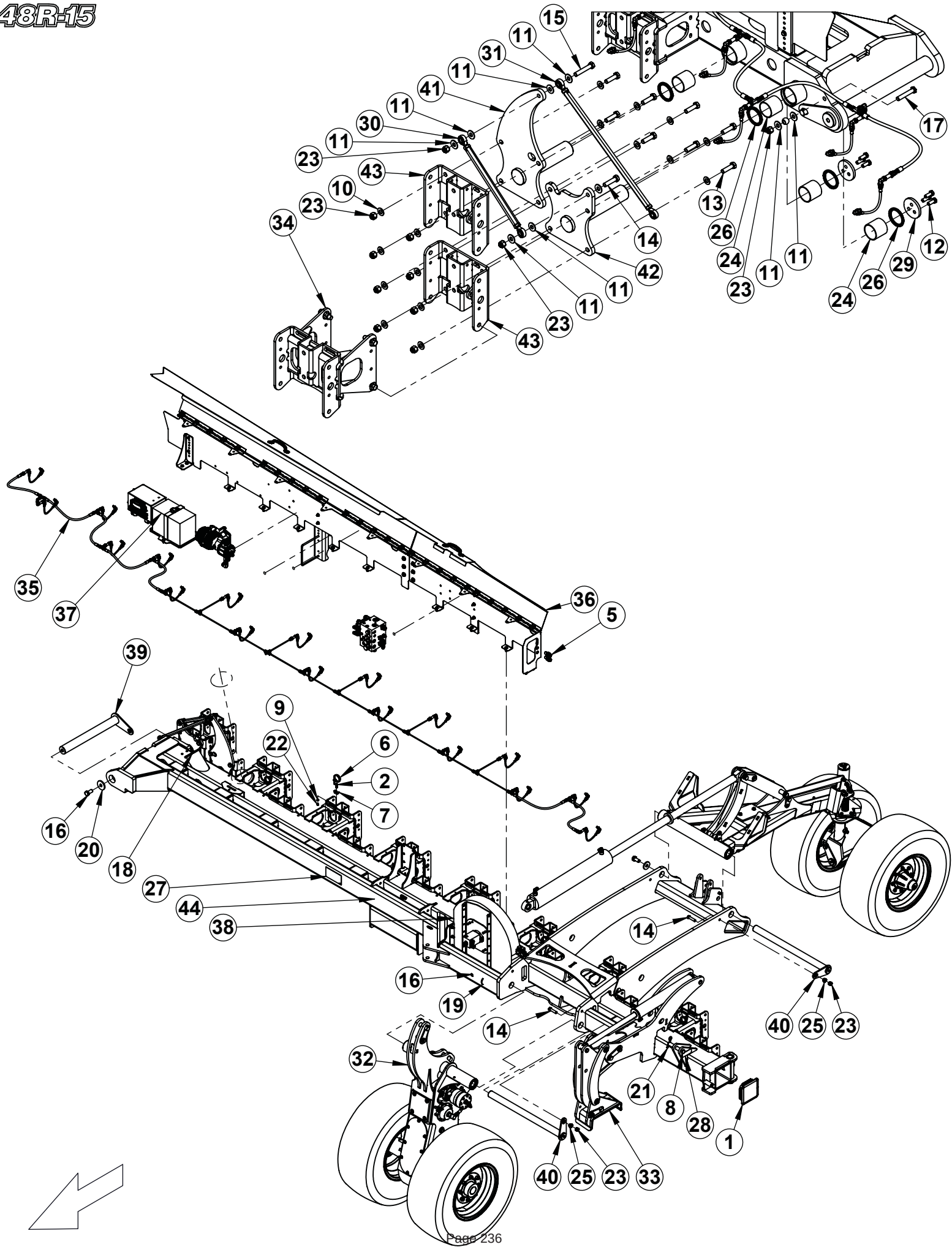


TA02244 Assy, 48R15 LH Wing

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA02245	Assy, 48R15 LH Wing Base	1	
2	TA01966	Assy, 48R15 LH Wing RUs	1	
3	TA02000	Assy, LH Wing Side Shift	1	

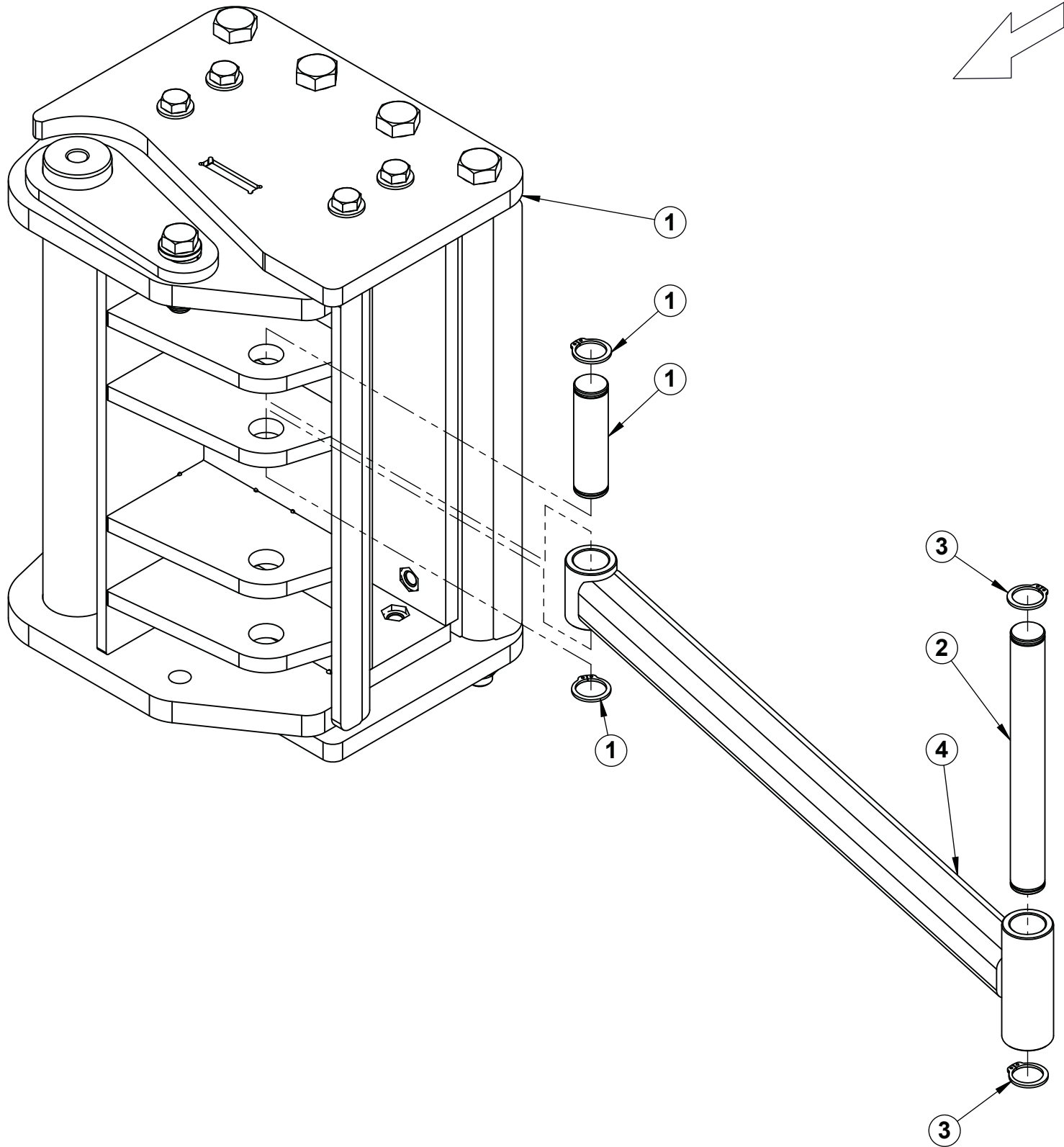
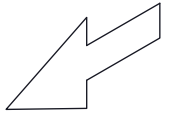
Note:

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



TA02245 Assy, 48R15 LH Wing Base

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	48106381	Vacuum Plug, 7" Sq	1	
2	90-10-7773	Bolt, Socket 1/4-20 x 1 1/4 Gr8	7	
3	90-44-0410	Decal, Reflector, Yellow-2x9	2	
4	AD-06MFS-06MFS-06MFS	Adapter, 06MFS-06MFS-06MFS Tee	1	
5	AD-08MFS-08MFS-BH	Adapter, 08MFS-08MFS BH	2	
6	CBLTIE-0.50X9.10	Cable Tie, 0.50x9.10, 2.25 Max Bundle	7	
7	CBLTIEMT-.250-.500	Cable Tie Mount, 1/4" Screw, 1/2" CBLTIE	7	
8	CLPIN-1.000X6.00Y	Clevis Pin, 1x6 YZ	1	
9	FW-SAE-0.250Y	Washer, Flat SAE 1/4 YZ	7	
10	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	16	
11	FW-USS-0.563YTH	Washer, Flat USS 9/16 Th-Hrd YZ	9	
12	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	6	
13	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	8	
14	HB-0.625-11X2.50Y8	Bolt, Hex Hd 5/8-11x2-1/2 YZ8	3	
15	HB-0.625-11X3.50Y8	Bolt, Hex Hd 5/8-11x3-1/2 YZ8	1	
16	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4 YZ8	3	
17	HBSH-0.625-11X3.50Y8	Bolt, Hex Hd 5/8-11x3-1/2 SH YZ8	1	
18	HCLMP-SAE-512SS	Hose Clamp, SAE #512 SS	1	
19	HDWSH-0.89X2.50Y	HD Washer, 5/764x2-1/2 YZ	2	
20	HDWSH-0.89X3.00Y	HD Washer, 5/764x3 YZ	1	
21	HPINCLIP-1.000Y	Hair Pin Clip, 1 YZ	1	
22	NLNUT-0.250-20Y8	Nylon Lock Nut, 1/4-20 YZ8	7	
23	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	13	
24	PB-2.500X2.75X2.50	Bushing, Composite 2-1/2x2-3/4x2-1/2	4	
25	T0050854	Anti Rotation Insert	2	
26	T0051584	2.50 Grease Seal	4	
27	T0051588	Decal, Warning - Crush Hazard	1	
28	T0052826	Decal, Notice Trans Lock	1	
29	T0054041	Washer, RU Pivot	2	
30	TA01108	Tie Rod Assy	1	
31	TA01109	Tie Rod Assy	1	
32	TA02265	Assy, 15" Dual Wing Wheel (5.0" Main Lift Cyl)	1	
33	TA01923	Assy, LH Wing Lift	1	
34	TA01974	Assy, RU 10in Bolt-On Setback	1	
35	TA01986	Assy, 48R15 LH RU Lift Hose Routing	1	
36	TA02246	Assy, 48R15 LH Wing Shield	1	
37	TA02250	Assy, 48R15 PP Components	1	
38	TA02263	Assy, 48R15 LH Wing Vacuum Fan	1	
39	TW000611	Pin Weldment	1	
40	TW001058	Pin Weldment	2	
41	TW001068	Row Unit Pivot Weld	1	
42	TW001070	Row Unit Pivot Weld	1	
43	TW001475	Wldmt, RU Bolt-On Head Bracket	2	
44	TW001541	Wldmt, 48R15 LH Wing	1	

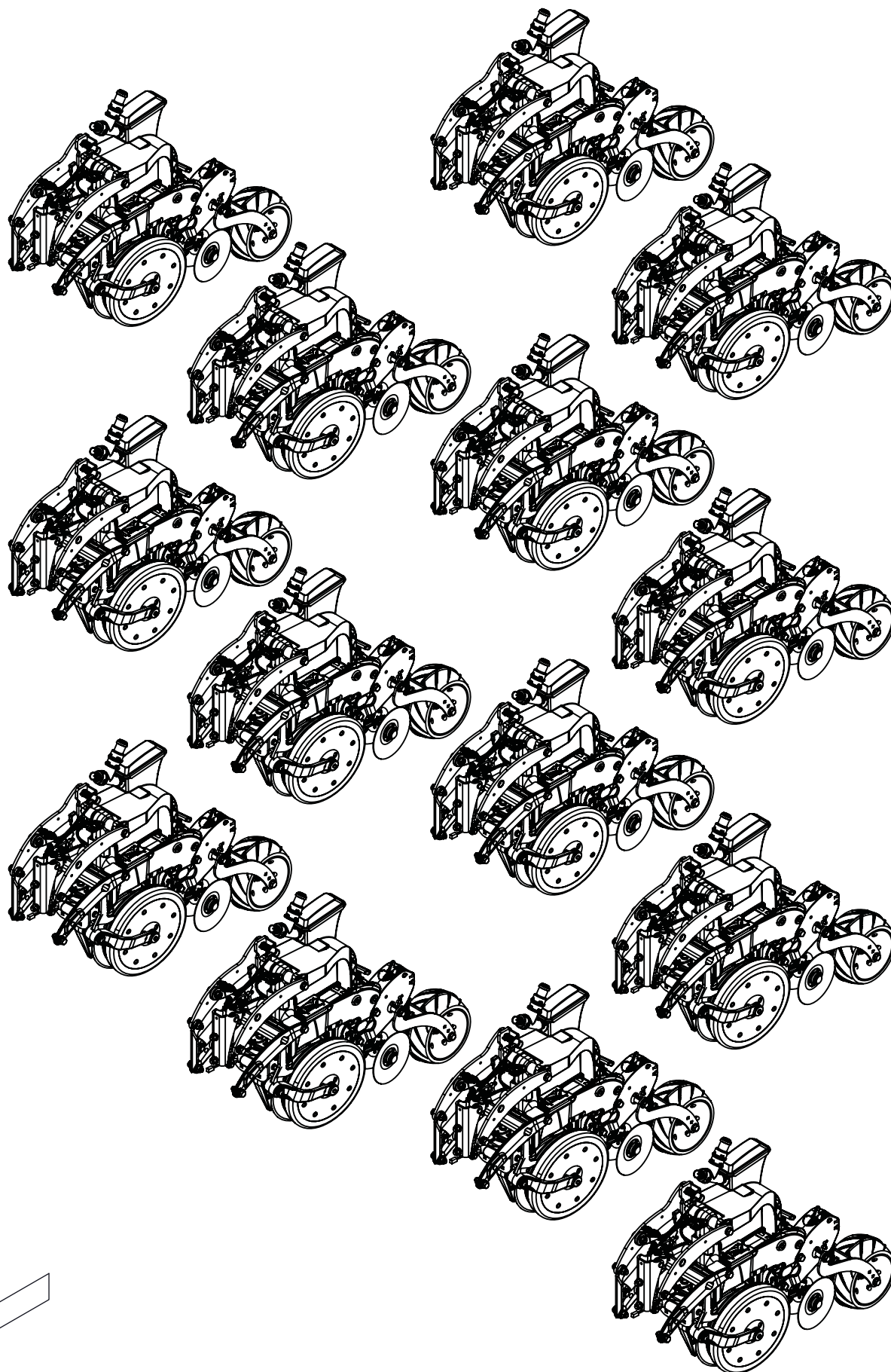


TA02079 Assy, LH Fixed Side Shift

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	TA01683	Assy, Side Shift Gate Mount	1	
2	PIN-1.000X8.625Y	Pin-1.0000x8.6250-YZ	1	
3	SRING-EXT-HD-1.00Y	SRING-EXT-HD-1.00Y	2	
4	TW001487	Wldmt, Long Side Shift Link	1	

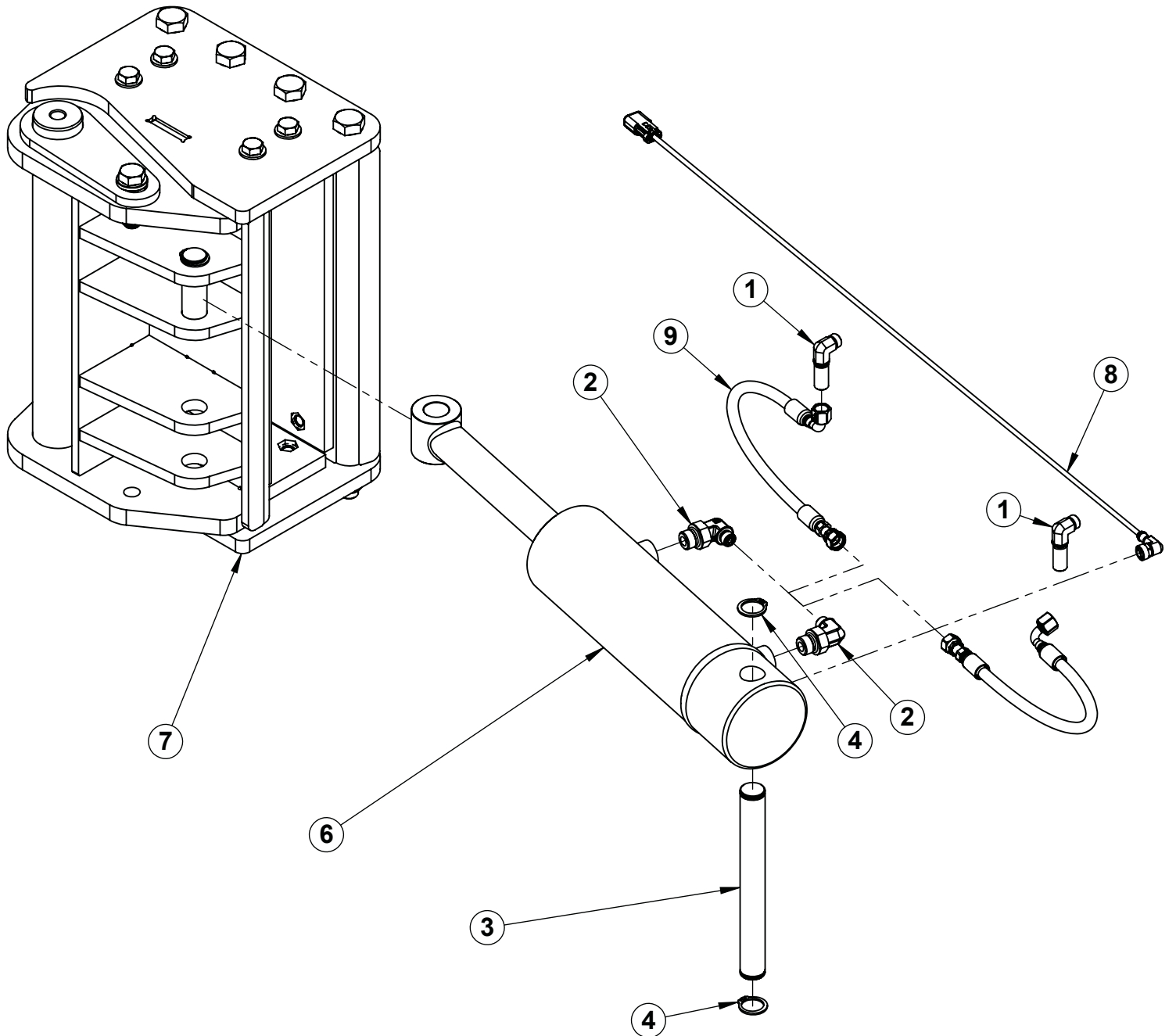
Note:

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



TA01966 Assy, 48R15 LH Wing RUs				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	48098614	2100 LH Row Unit	14	

- 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.

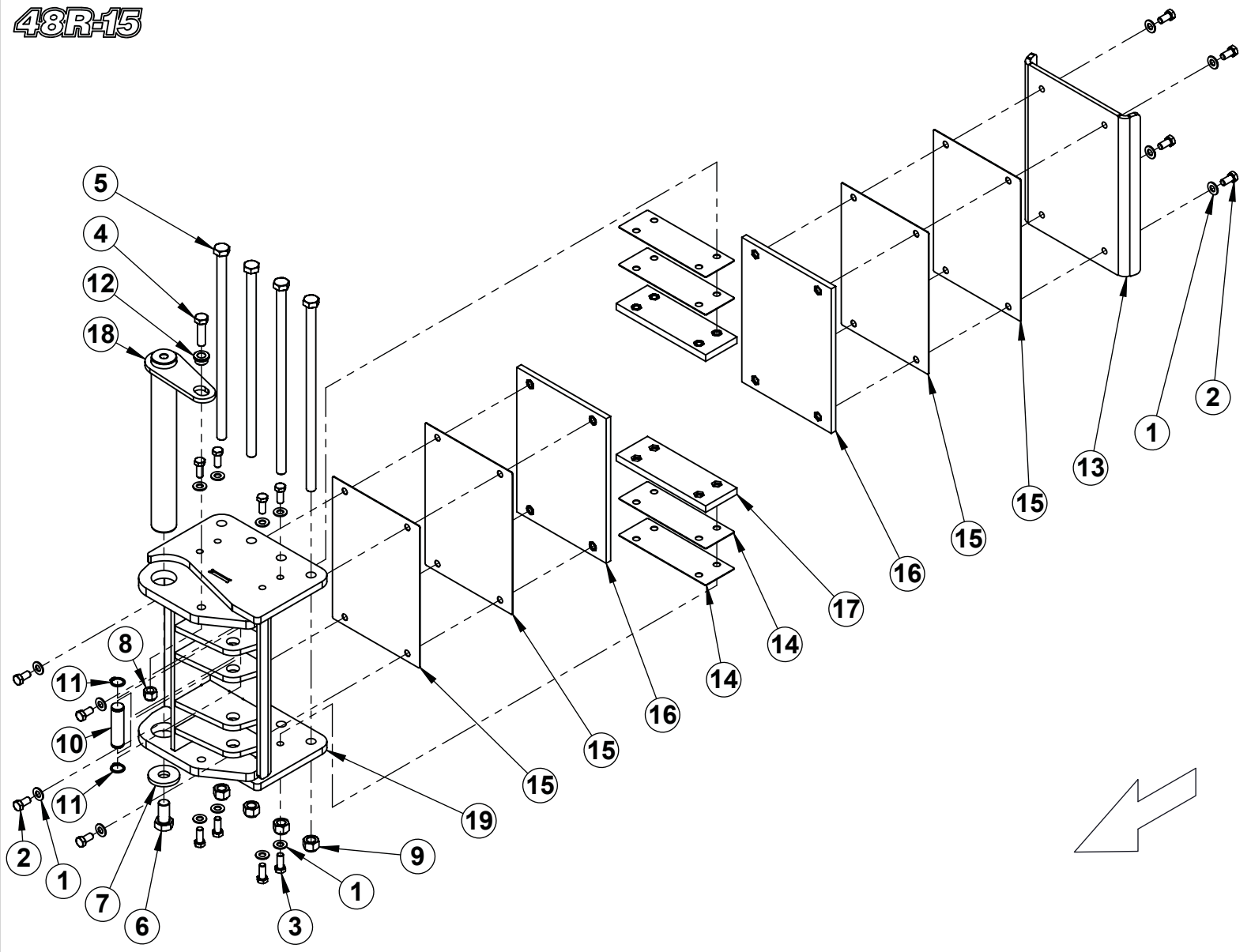


TA02000 Assy, LH Wing Side Shift

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	AD-04MFS-04MFS-BH90	Adapter, 04MFS-04MFS BH 90	2	
2	AD-04MFS-08MB-90	Adapter 04MFS-08MB-90	2	
3	PIN-1.000X8.625Y	Pin, 1x8-5/8 YZ	1	
4	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	2	
5	T0054455	Harness, 48R15 Wing	1	
6	TA01238	Cylinder, Hyd 3.50X7.25 Sens	1	
7	TA01683	Assy, Side Shift Gate Mount	1	
8	TA01702	Harness, Side Shift	1	
9	HS04-015-04FS-04FS90-A	Hose 0.250-015-04FS-04FS90-A	2	

Note:

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

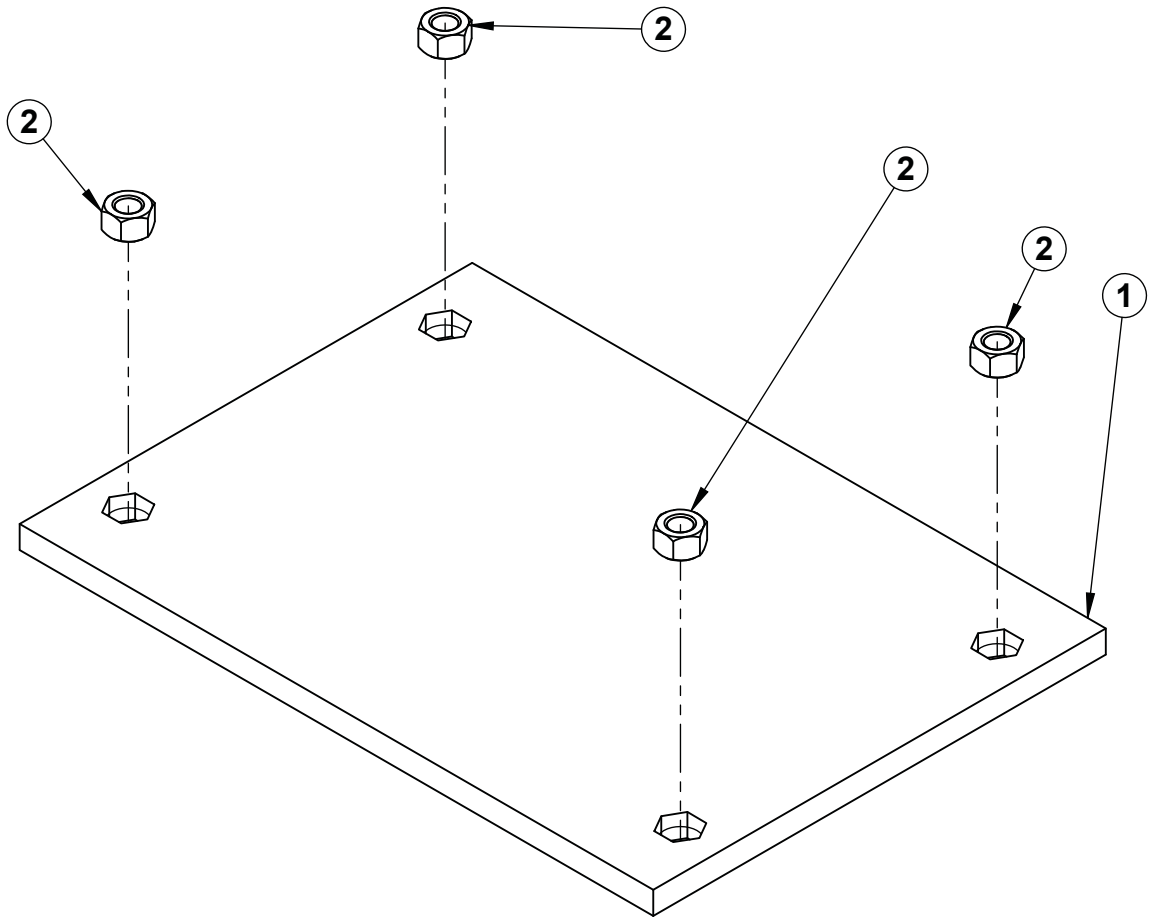


TA01683 Assy, Side Shift Gate Mount

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	16	
2	HB-0.500-13X1.00Y8	Bolt, Hex Hd 1/2-13x1 YZ8	8	
3	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	8	
4	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	1	
5	HB-0.750-10x18.00Y8	Bolt, Hex Hd 3/4-10x18 YZ8	4	
6	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4 YZ8	1	
7	HDWSH-0.89X2.50Y	HD Washer, 5/64x2-1/2 YZ	1	
8	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	1	
9	NLNUT-0.750-10Y8	Nylon Lock Nut, 3/4-10 YZ8	4	
10	PIN-1.000X3.38Y	Pin, 1x3-3/8 YZ	1	
11	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	2	
12	T0050854	Anti Rotation Insert	1	
13	T0055389	Plate, Gate Mount Back	1	
14	T0056153	Shim, Side Shift Top	4	
15	T0056154	Shim, Side Shift Front	4	
16	TA01684	Assy, Gate Slider Pad	2	
17	TA01685	Assy, Gate Slider Pad	2	
18	TW000794	Pin Weldment	1	
19	TW001326	Wldmt, Gate Mount	1	

Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified).
2. * Items marked with an asterisk are items that are included in that particular part or assembly.
3. Use Items 14 and 15 when needed.

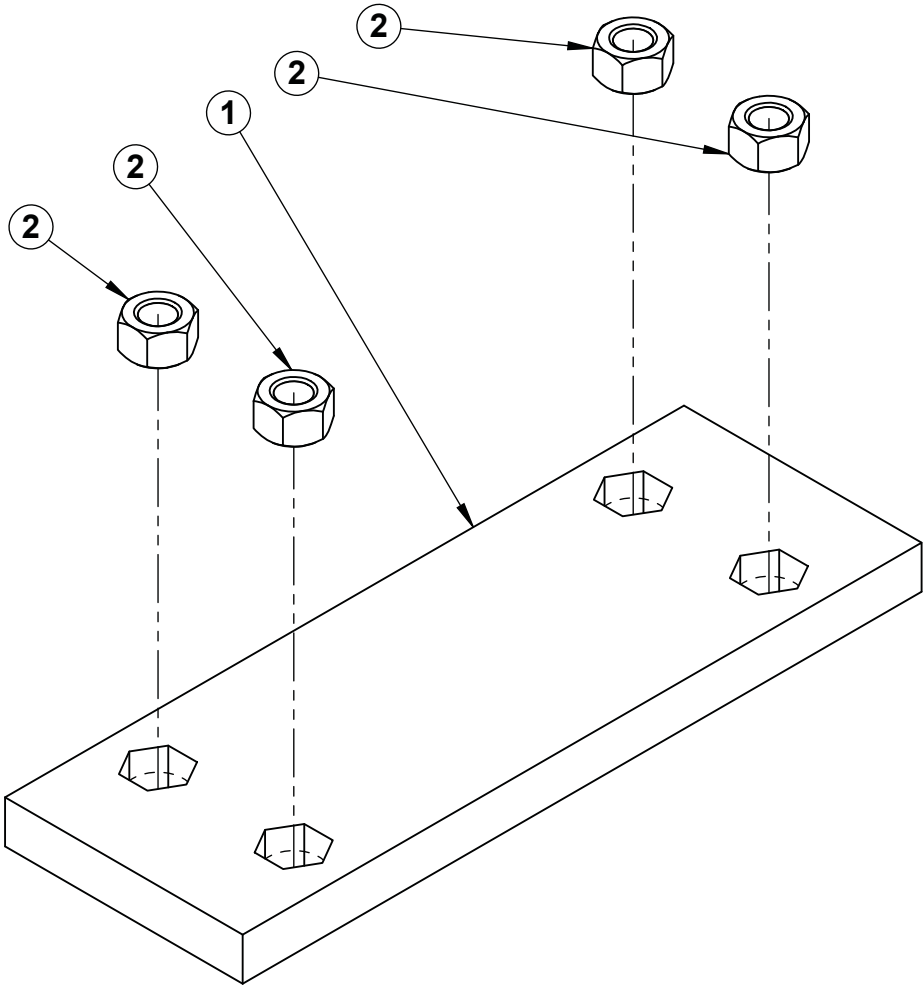


TA01684 Assy, Gate Slider Pad

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0055390	Pad, Slider	1	
2	HNUT-0.500-13Y8	Nut, Hex 1/2-13 YZ8	4	

Note:

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

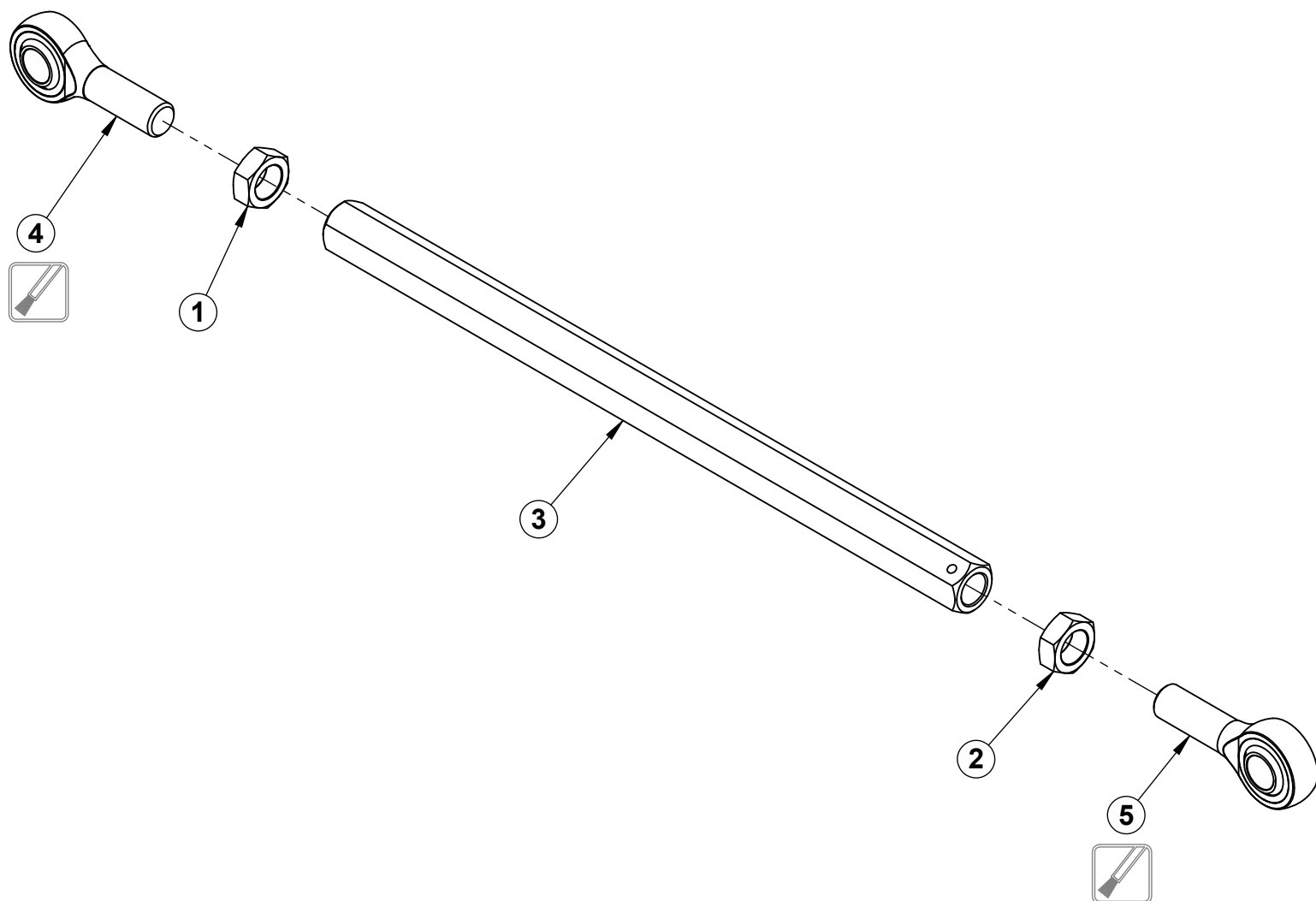


TA01685 Assy, Gate Slider Pad

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	T0055391	Pad, Slider	1	
2	HNUT-0.500-13Y8	Nut, Hex 1/2-13 YZ8	4	

Note:

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

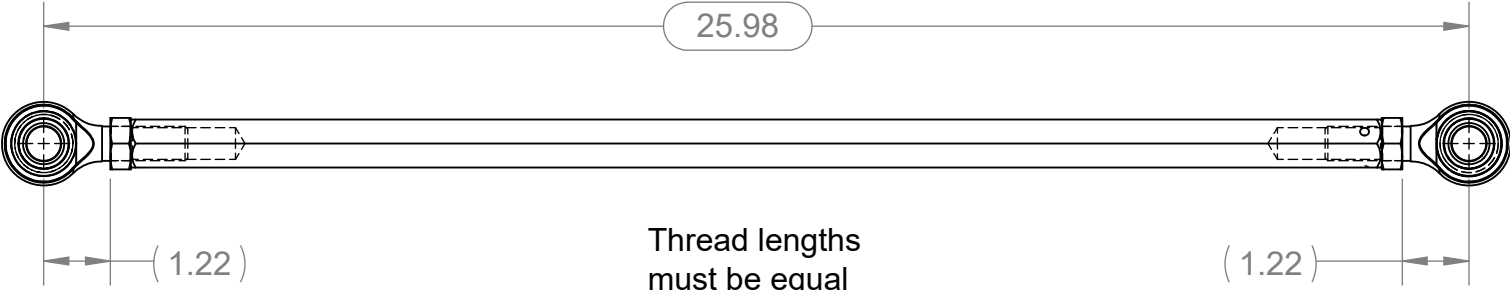
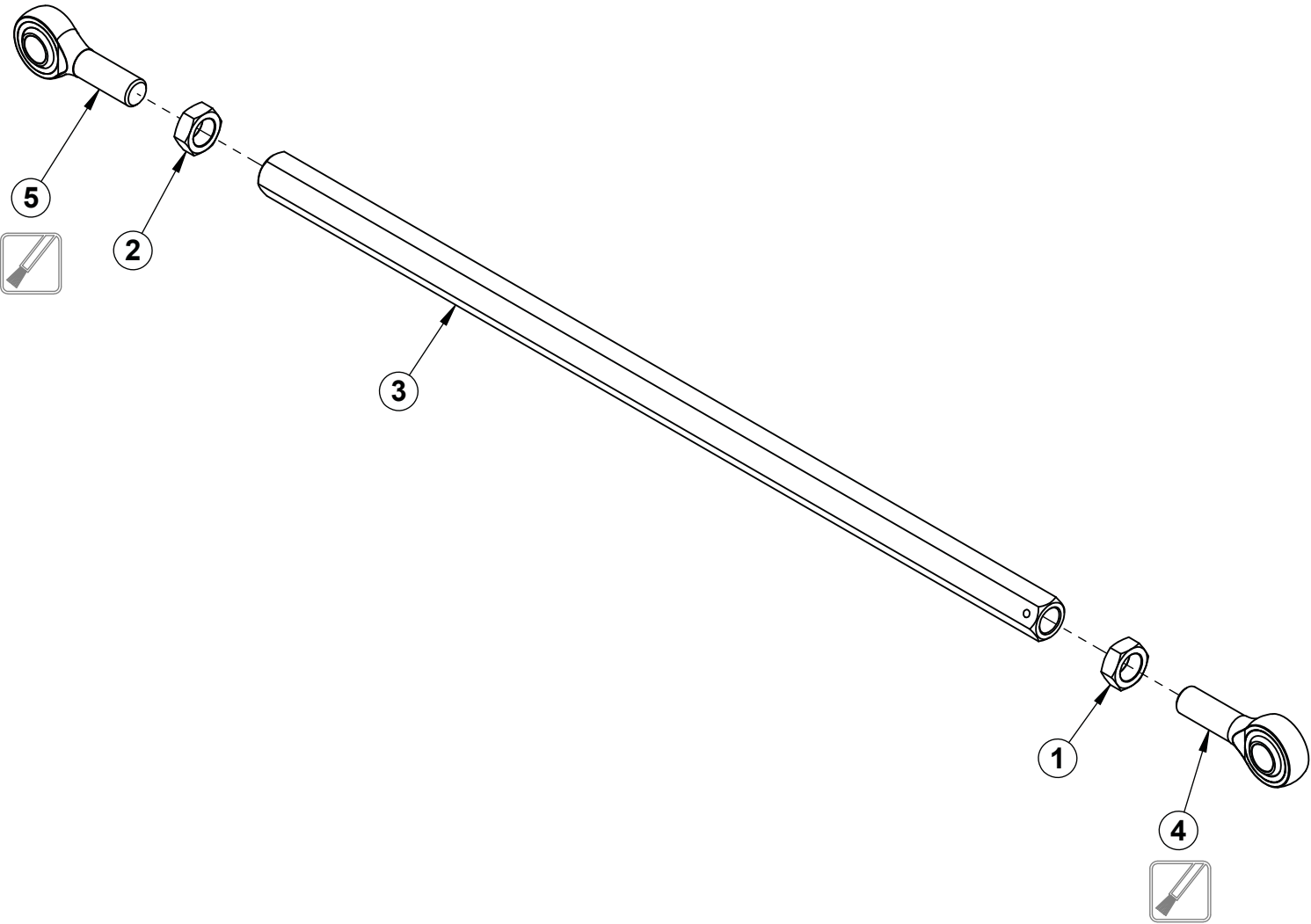


TA01108 Tie Rod Assy

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

Note:

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

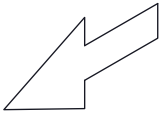
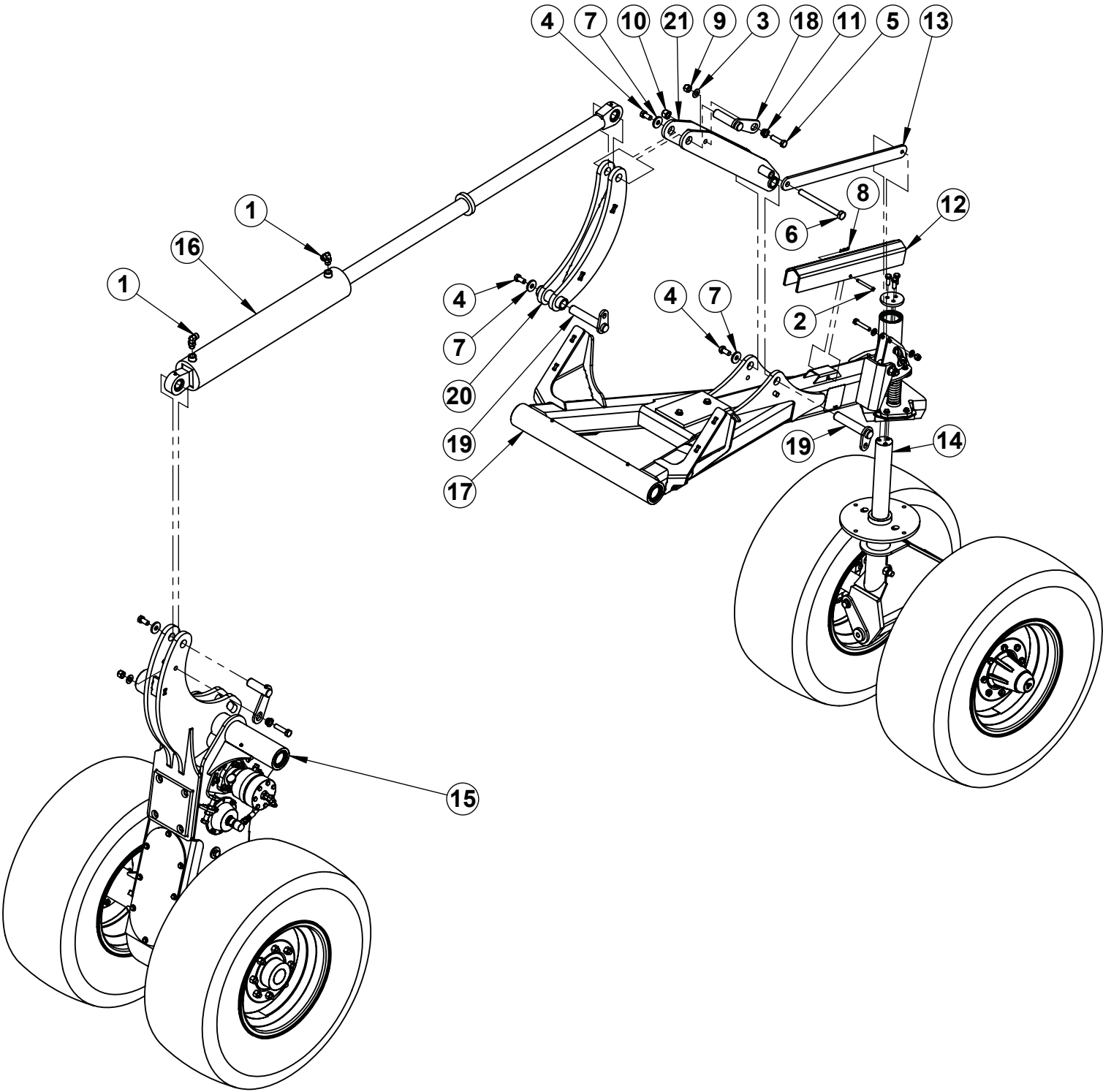


TA01109 Tie Rod Assy

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

Note:

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



TA02265 Assy, 15" Dual Wing Wheel (5.0" Main Lift Cyl)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	AD-08MFS-08MB-90	Adapter, 08MFS-08MB 90	2	
2	CLPIN-0.375X3.25Y	Clevis Pin, 3/8x3-1/4 YZ	1	
3	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	1	
4	HB-0.625-11X1.25Y8	Bolt, Hex Hd 5/8-11x1-1/4 YZ8	3	
5	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	1	
6	HB-0.750-10X8.50Y8	Bolt, Hex Hd 3/4-10x8-1/2 YZ8	1	
7	HDWSH-0.64X1.75Y	HD Washer 41/64x1-3/4 YZ	3	
8	HPINCLIP-0.313 YZ	Hair Pin Clip, 5/16 YZ	1	
9	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	1	
10	NLNUT-0.750-10Y8	Nylon Lock Nut, 3/4-10 YZ8	1	
11	T0050854	Anti Rotation Insert	1	
12	T0054022	Channel - Wing Cylinder Stop	1	
13	T0055925	Plate, Brake Release Short Link	1	
14	TA01894	Assy, 15" Dual Wheel Caster	1	
15	TA01900	Assy, 15" Front Dual Wing Wheel	1	
16	TA02213	Cylinder, Hyd 4.00X26.00 Reph	1	
17	TA01912	Assy, 15" Dual WW Rear Caster Arm	1	
18	TW001056	Pin Weldment	1	
19	TW001073	Pin Weldment	2	
20	TW001447	Wldmt, Dog Bone Link	1	
21	TW001448	Wldmt, Wing Wheel Link	1	

Note:

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

TA01894 Assy, 15" Dual Wheel Caster

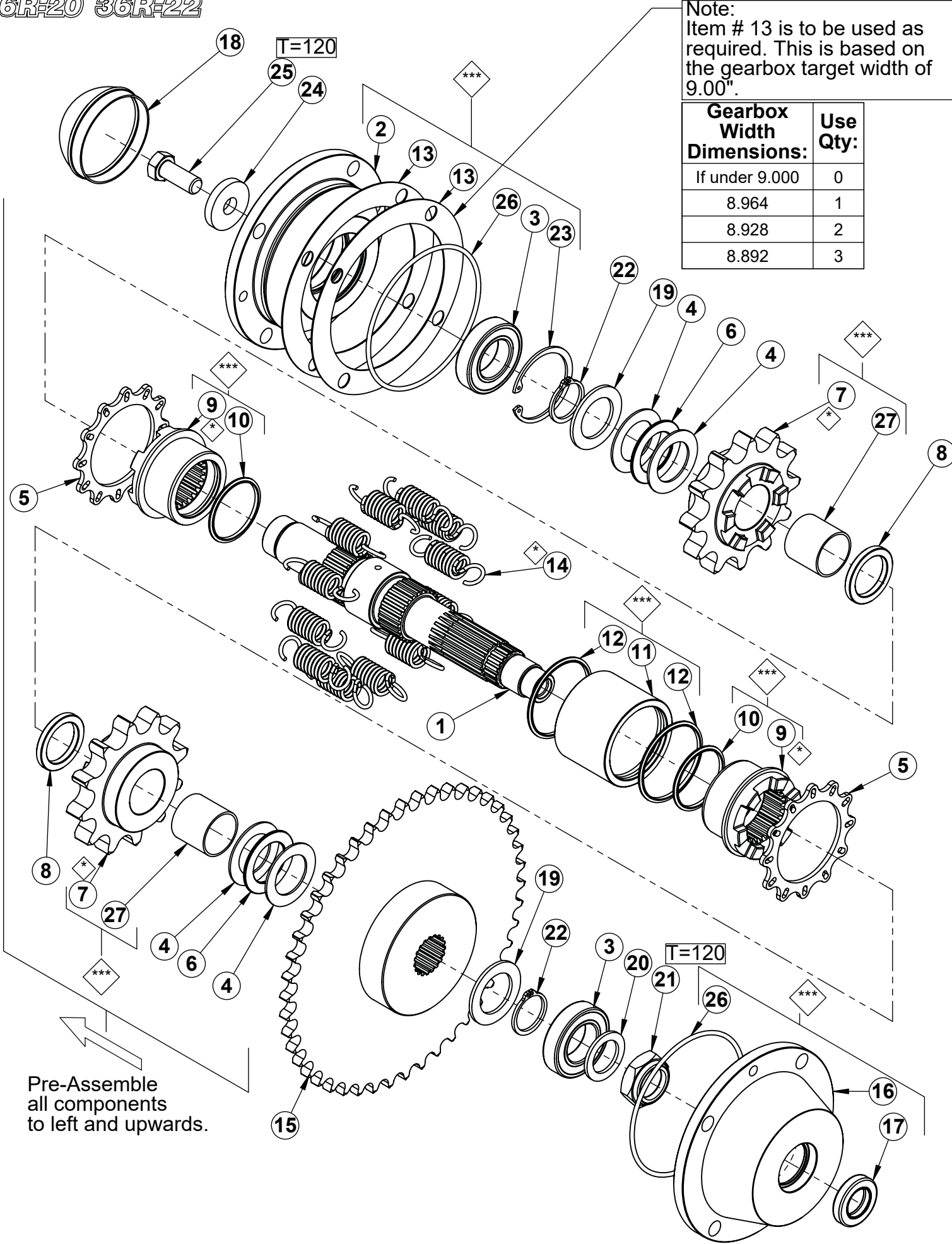
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	3	
2	HB-0.500-13X4.00Y8	Bolt, Hex Hd 1/2-13x4 YZ8	2	
3	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	1	
4	HB-0.750-10X5.00Y8	Bolt, Hex Hd 3/4-10x5-YZ8	1	
5	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4-YZ8	1	
6	HDWSH-0.89X2.50Y	HD Washer 0.89 x 2.50	1	
7	NLNUT-0.500-13Y8	Nut, Nylock 1/2-13 YZ8	2	
8	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	1	
9	NLNUT-0.750-10Y8	Nut, Nylock 3/4-10-YZ8	1	
10	PB-2.000X2.25X2.00	Polylube Bush, Ø2.00xØ2.25x2.00	2	
11	T0050854	Anti Rotation Insert	1	
12	T0051585	2.00 Grease Seal	2	
13	T0054041	Washer, RU Pivot	1	
14	T0055226	Decal, 20 psi & 175 Lug Torque	2	
15	T0055907	Dual Wheel Caster Shaft	1	
16	TA01205	Assy, 8 Bolt Hub & Spindle	2	
17	TA01371	Wheel Assy	1	
18	TA01372	Wheel Assy	1	
19	TW000794	Pin Weldment	1	
20	TW001200	Wldmt, 15/20 Rear Caster Axle	1	
21	TW001436	Wldmt, Dual Wheel Top Caster	1	
22	ZERK-0.250-28	Zerk, 1/4-28	1	

Note:

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

TA01900 Assy, 15" Front Dual Wing Wheel				
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	AD-06MFS-06MB	AD-06MFS-06MB	1	
2	FLTLN-0.438-20C8	Nut, TL Hex Flange 7/16-20 CZ8	5	
3	FW-SAE-0.625Y	Washer, Flat-SAE-5/8	1	
4	FW-USS-0.313Y	Washer, Flat USS 5/16-YZ	12	
5	FW-USS-0.375YTH	Washer, FI 3/8 USS Th-Hrd YZ	5	
6	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2-YZ8	12	
7	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	6	
8	HB-0.625-11X1.25Y8	Bolt, Hex Head-5/8-11x1.25-YZ8	3	
9	HB-0.625-11X2.50Y8	Bolt, Hex Head-5/8-11x2.5-YZ8	1	
10	HBFT-0.625-11X3.50Y8	HBolt-0.6250-11x3.500-FT-YZ8	3	
11	HDWSH-0.64X1.75Y	HD Washer 0.64 x 1.75	3	
12	HNUT-0.625-11Y8	Nut, Hex 5/8-11 YZ8	3	
13	HS04-009-06FS-06FS90-A	Hose 0.25-009-06FS-06FS90	1	
14	HSPLUG-0.375-NPTFC	Plug, Hex Skt 3/8-18 NPTF CZ	2	
15	NLNUT-0.438-20Y8	NLNut-7/16-20-YZ8	8	
16	NLNUT-0.625-11Y8	Nut, Nylock-5/8-11-YZ8	1	
17	ORING-1.250X.125	O-Ring, Ø1-1/4OD X Ø1/8	2	
18	ORING-7.375X.188-N	O-Ring, Ø7.38ODxØ.188 Nitrile	1	
19	PB-2.000X2.25X2.00	Polylube Bush, Ø2.00xØ2.25x2.00	2	
20	RN-0.375-16-.31-.44-Y	Rivnut, 3/8-16 UNC .31-.44 GR	12	
21	T0050854	Anti Rotation Insert	1	
22	T0051585	2.00 Grease Seal	2	
23	T0053142	Ball Bearing, 65mm	4	
24	T0053144	Bushing, Tensioner Pivot	1	
25	T0053269	Face Seal	2	
26	T0053270	Seal	2	
27	T0053552	Slider Block	1	
28	T0053553	Bushing, Tensioner Pivot	1	
29	T0053634	Cover	1	
30	T0053925	#50 Roller Chain 56P	1	
31	T0054278	72 Pitches 80 Pitch Chain	2	
32	T0054282	Drive Wheel Spacer	2	
33	T0054317	Adapter, 06MB-06FB-90 Swivel	1	
34	T0055226	Decal, 20 psi & 175 Lug Torque	2	
35	T0055821	Sprocket, 45T #80 Machined	2	
36	T0055980	Washer, 3 Bolt Drive Axle	2	
37	T0056101	Plug, 1.125" Expansion	1	
38	TA01089	Tensioner, Wheel Drive	1	
39	TA01089	Tensioner, Wheel Drive	1	
40	TA01371	Wheel Assy	1	
41	TA01372	Wheel Assy	1	
42	TA01388	Assy, Diff Lock Shaft	1	
43	TA01913	Assy, Front WW Motor	1	
44	TA01919	Assy, 15/20 Wing Wheel Hub	1	
45	TA01919	Assy, 15/20 Wing Wheel Hub	1	
46	TW001106	Pin Weldment	1	
47	TW001437	Wldmt, 15" Front Dual Wing Wheel	1	
48	WS-0.438-20X1.5C8	Stud, Wheel 7/16-20x1.5 CZ	13	
49	ZERK-0.250-28	Zerk, 1/4-28	2	

- Note:**
1. **[T=XXX]** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
 2. * Items marked with an asterisk are items that are included in that particular part or assembly.
 3. All wheel studs inside wing wheel weldment to be sealed with silicone.

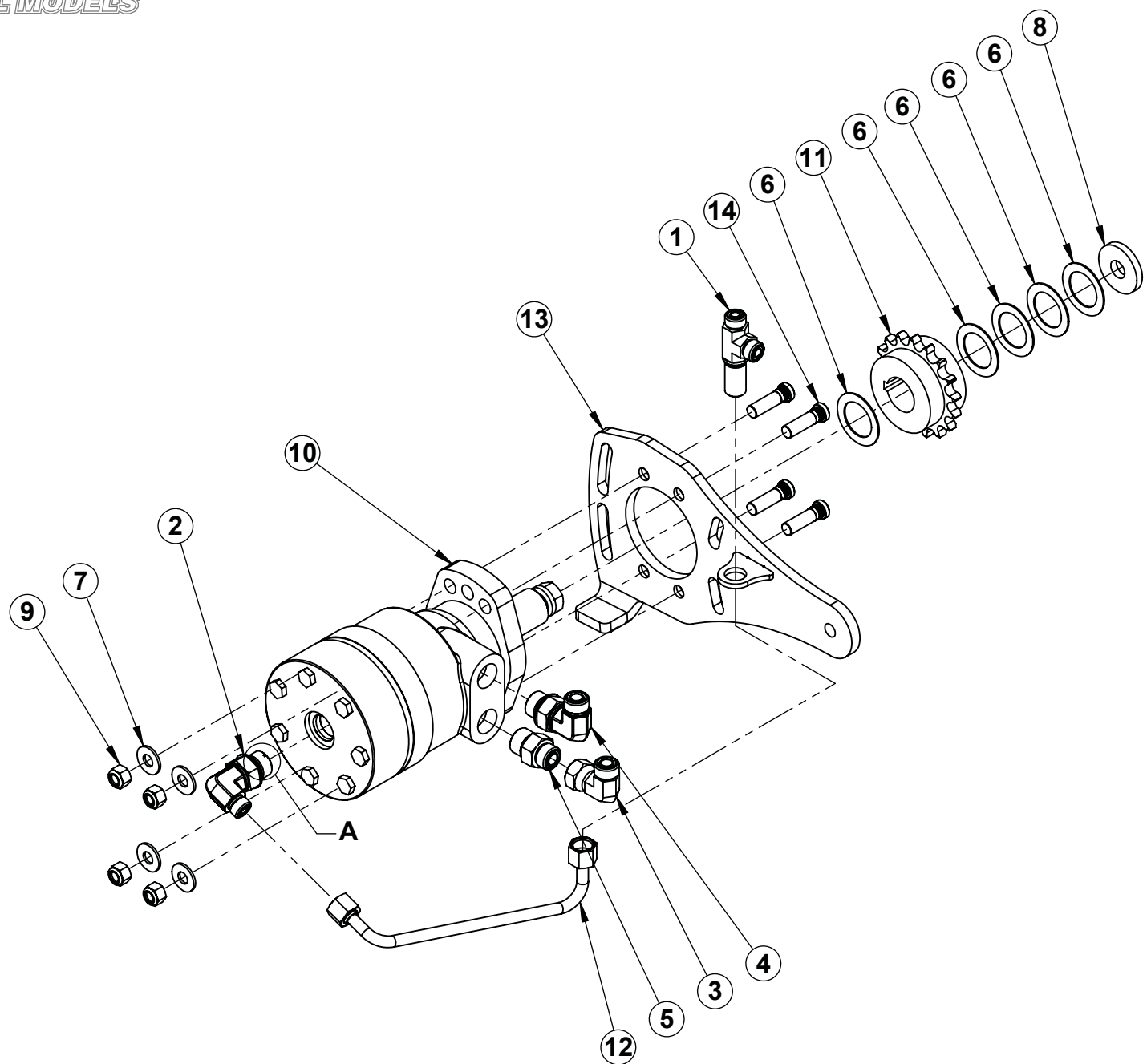


TA01388 Assy, Diff Lock Shaft (Sheet 1 of 2)

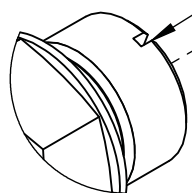
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0054982	Shaft, Diff Lock	1	
2	T0054267	Cover, Wing Whl Shaft	1	
3	T0053561	Brg, Ball 30mm Deep Groove	2	
4	T0054272	Thrust Washer	4	
5	T0054265	Spring Retainer	2	
6	T0054274	Needle Thrust Bearing	2	
7	T0054256	12 Tooth 80 Chain Sprocket	2	
8	T0054281	Spacer, 1.72" OD X .200"	2	
9	T0054254	Shaft Collar Splined	2	
10	T0054276	Seal Kit - 1.75 Diameter	2	
11	T0054266	Sleeve	1	
12	T0054277	Seal Kit - 2.25 Diameter	2	
13	T0054273	Shim	2	
14	T0054275	Spring, Extension	12	
15	T0055822	Sprocket, 46T #50 Machined	1	
16	T0054985	Cover, Wing Wheel	1	
17	T0054983	Seal	1	
18	T0051973	Ag Dust Cap	1	
19	T0054439	Spacer	2	
20	T0054984	Washer	1	
21	NLJNUT-1.000-14Y8	Nylon Lock Jam Nut, 1-14 YZ8	1	120
22	SRING-EXT-HD-1.188Y	Retaining Ring, External 1-3/16 HD YZ	2	
23	SRING-INT-M55	Retaining Ring, Internal M55	1	
24	HDWSH-0.50X1.50	HD Washer, 1/2x1-1/2	1	
25	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	1	120
26	ORING-4.500X.125	O-Ring, #244, 4-1/2x4-1/4x1/8	2	
27	PB-1.250X1.38X1.25	Bushing, Composite 1-1/4x1-3/8x1-1/4	2	

Notes:

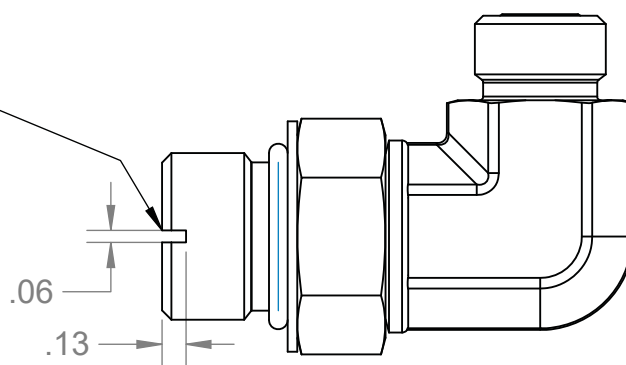
1. Verify items 7 & 9 are current revision (check for radius at bottom of dog teeth).
2. *Verify all (6) dog teeth of items 7 & 9 engage evenly before connecting springs (item 14).
3. *** Pre-Assemble these components.



Cut Small Slit in End of Item 2
Clean Thoroughly Before Installation

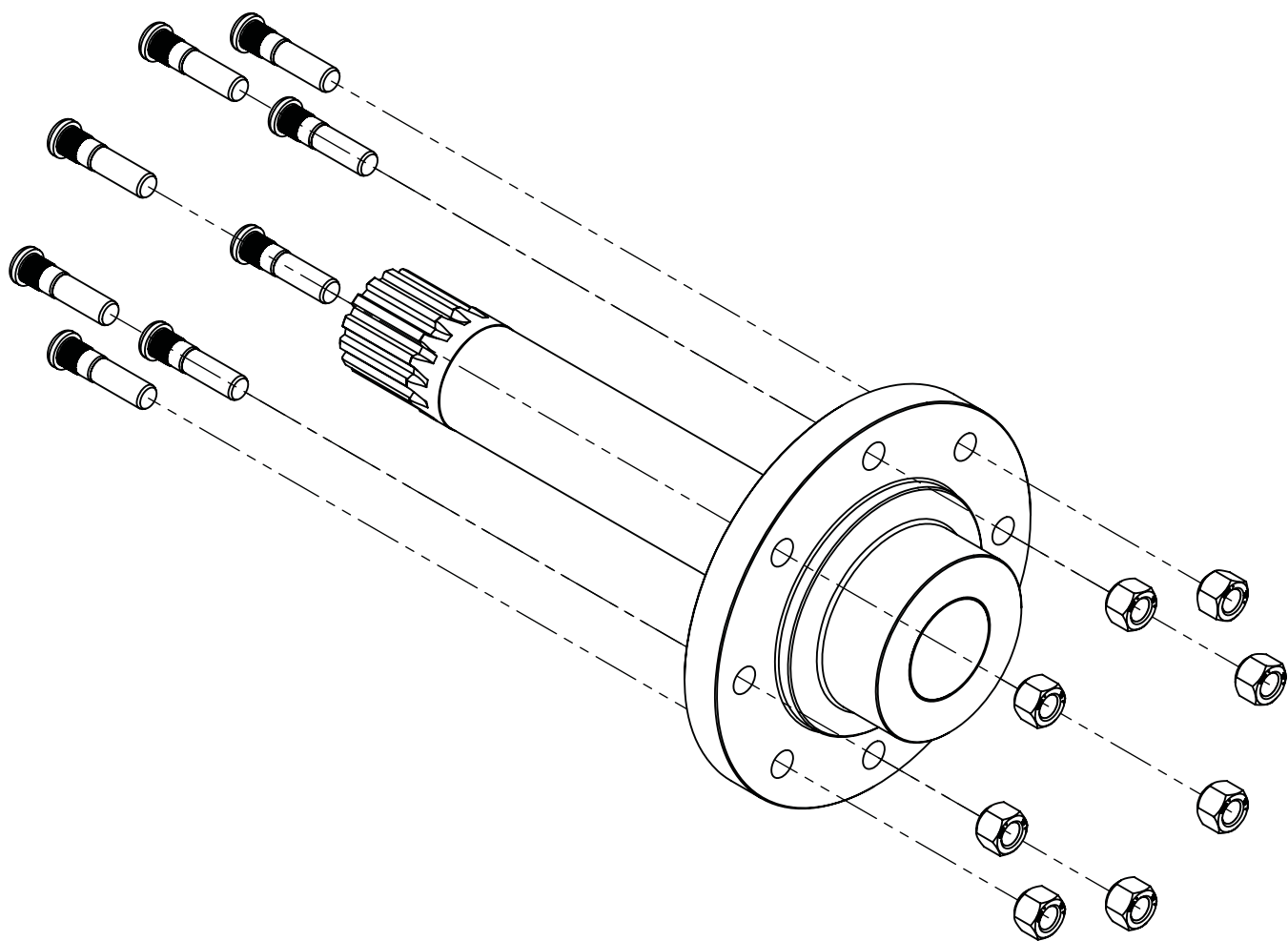


DETAIL A
SCALE 1 : 1



TA01913 Assy, Front WW Motor

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	AD-06MFS-06MFS-06MFS-BHR	AD-06MFS-06MFS-06MFS-BHR	1	
2	AD-06MFS-10MB-90	AD-06MFS-10MB-90	1	
3	AD-08MFS-08FST-90	AD-08MFS-08FST-90	1	
4	AD-08MFS-10MB-90	AD-08MFS-10MB-90	1	
5	AD-08MFS-10MB	AD-08MFS-10MB	1	
6	FW-MB-1.250Y-18GA	Washer, Flat MB 1.250 18GA YZ	5	
7	FW-USS-0.375YTH	Washer, FI 3/8 USS Th-Hrd YZ	4	
8	HDWSH-0.64X1.75Y	HD Washer 0.64 x 1.75	1	
9	NLNUT-0.438-20Y8	NLNut-7/16-20-YZ8	4	
10	T0053927	Motor, Wheel Drive 260cc	1	
11	T0055820	Sprocket, 17T #50 Machined	1	
12	T0055976	Tube Assy, Wing Wheel Motor	1	
13	TW001452	Wdmt, Front WW Motor Mount	1	
14	WS-0.438-20X1.5C8	Stud, Wheel 7/16-20x1.5 CZ	4	

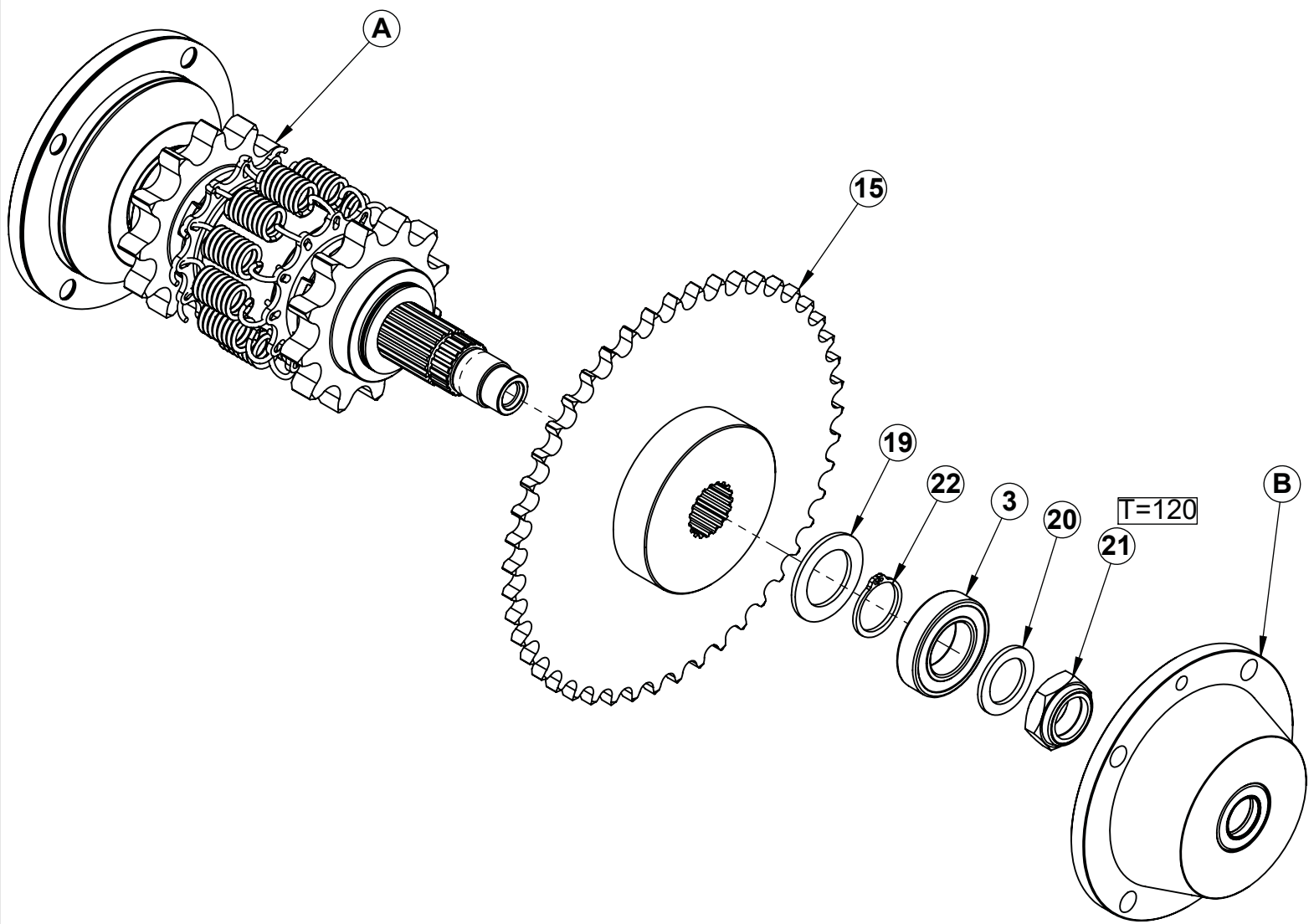


TA01919 Assy, 15/20 Wing Wheel Hub

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TW001460	Axle, 15/20 Wing Wheel	1	
2	WHNUT-0.625-18C8	Nut, Wheel 5/8-18 Gr8 CZ	8	
3	WS-0.625-18X2.50C8	Stud, Wheel 5/8-18 Gr8 CZ	8	

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.



Pre-Assembly before insertion

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

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0054982	Shaft, Diff Lock	1	
2	T0054267	Cover, Wing Whl Shaft	1	
3	T0053561	Brg, Ball 30mm Deep Groove	2	
4	T0054272	Thrust Washer	4	
5	T0054265	Spring Retainer	2	
6	T0054274	Needle Thrust Bearing	2	
7	T0054256	12 Tooth 80 Chain Sprocket	2	
8	T0054281	Spacer, 1.72" OD X .200"	2	
9	T0054254	Shaft Collar Splined	2	
10	T0054276	Seal Kit - 1.75 Diameter	2	
11	T0054266	Sleeve	1	
12	T0054277	Seal Kit - 2.25 Diameter	2	
13	T0054273	Shim	2	
14	T0054275	Spring, Extension	12	
15	T0055822	Sprocket, 46T #50 Machined	1	
16	T0054985	Cover, Wing Wheel	1	
17	T0054983	Seal	1	
18	T0051973	Ag Dust Cap	1	
19	T0054439	Spacer	2	
20	T0054984	Washer	1	
21	NLJNUT-1.000-14Y8	Nylon Lock Jam Nut, 1-14 YZ8	1	120
22	SRING-EXT-HD-1.188Y	Retaining Ring, External 1-3/16 HD YZ	2	
23	SRING-INT-M55	Retaining Ring, Internal M55	1	
24	HDWSH-0.50X1.50	HD Washer, 1/2x1-1/2	1	
25	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	1	120
26	ORING-4.500X.125	O-Ring, #244, 4-1/2x4-1/4x1/8	2	
27	PB-1.250X1.38X1.25	Bushing, Composite 1-1/4x1-3/8x1-1/4	2	

Notes:

Pre-Assemble as shown into sub assemblies.

"A" Will consist of the following Item numbers:

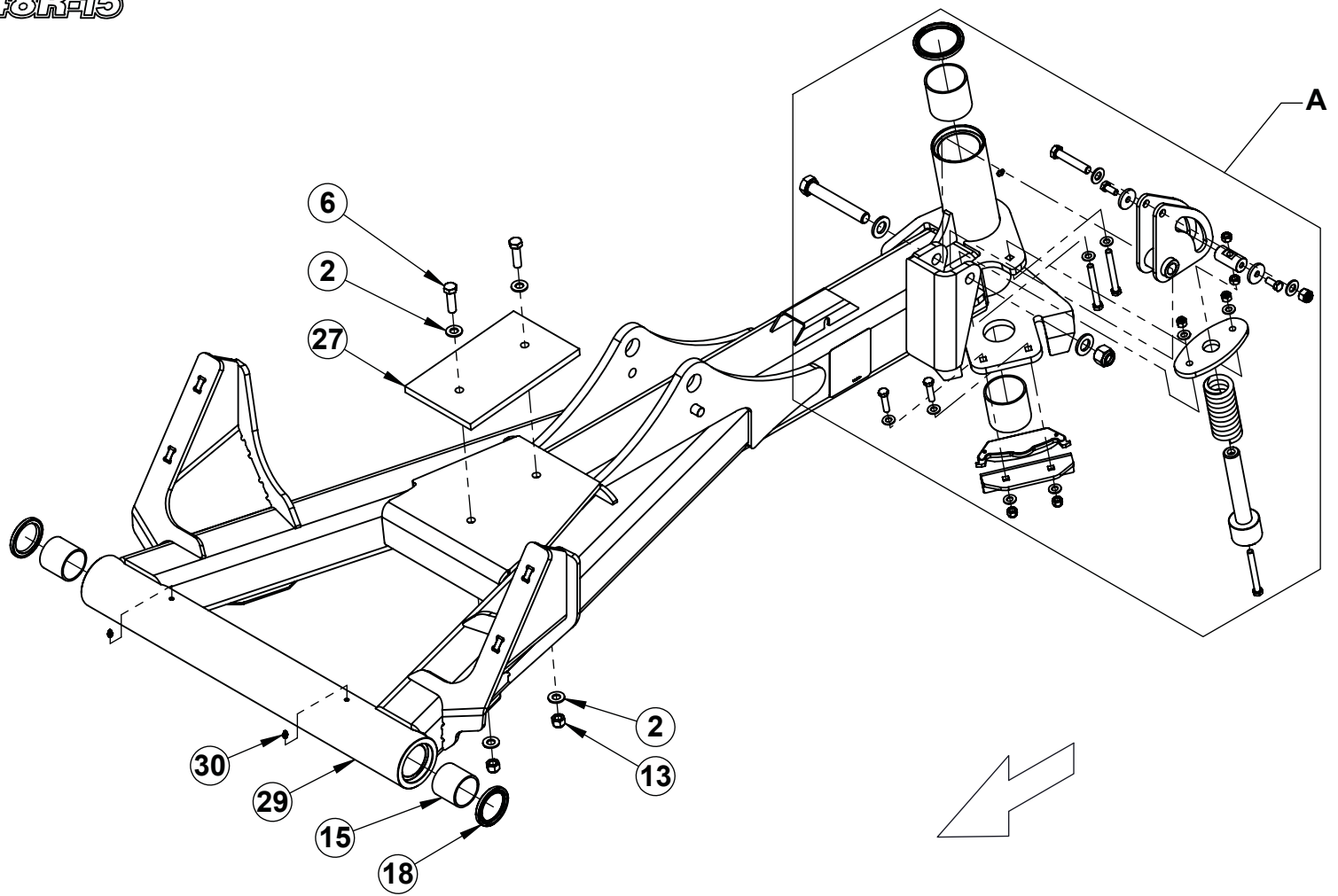
1,2,3,4,5,6,7,8,9,10,11,12,13,14,18,19, 20, 22, 23, 24, 25,

"B" Will consist of the following Item numbers:

3, 16, 17, 21, 24

Post Assembly QC:

- Pressure test for (20) engagement cycles @ 3000 psi.
- Pressurize clutch and verify all (6) dog teeth of items 7 & 9 engage evenly on both sides.

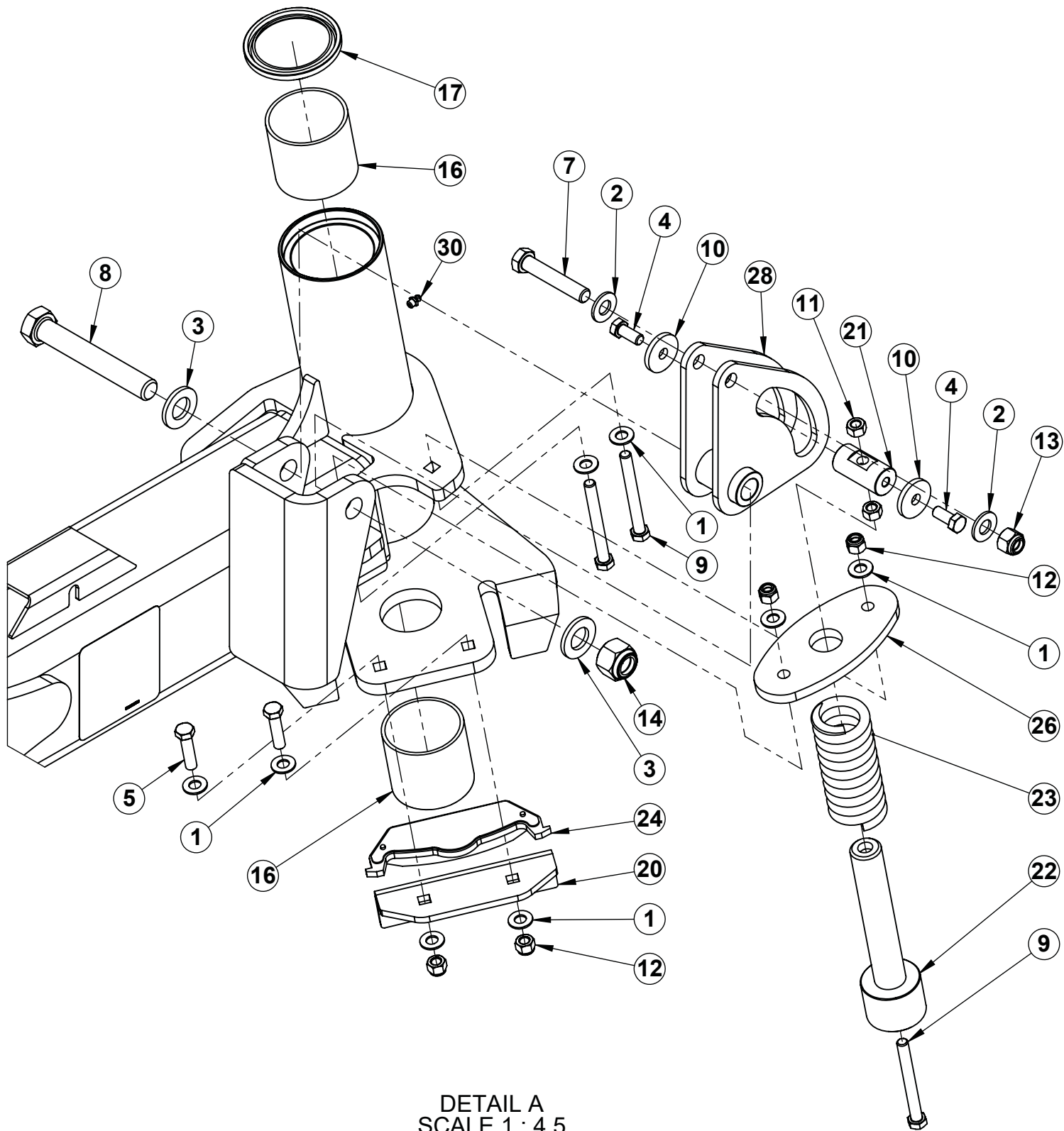


TA01912 Assy, 15" Dual WW Rear Caster Arm

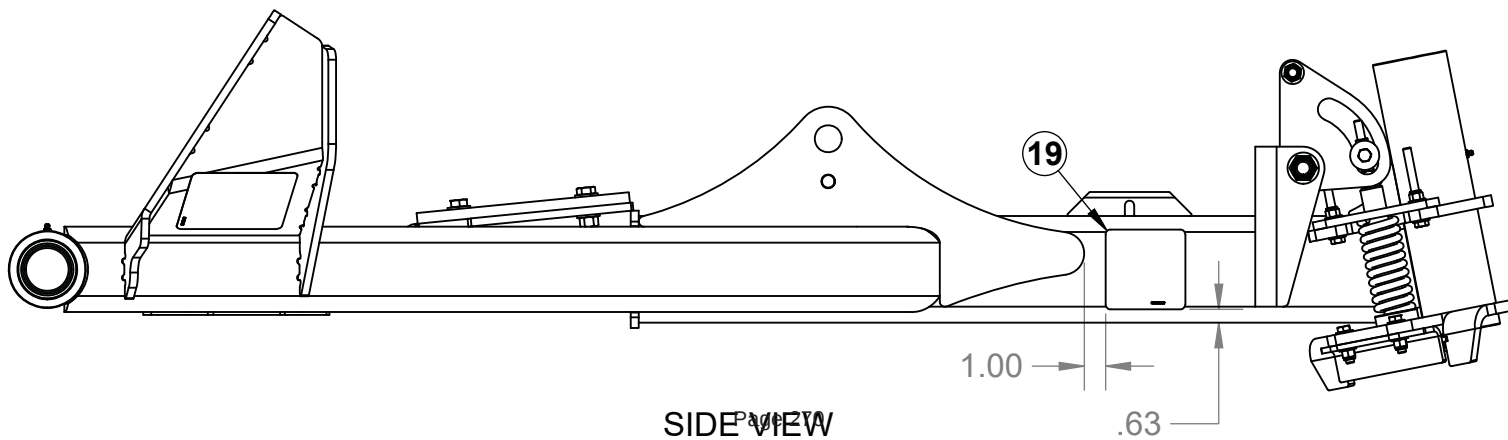
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	8	
2	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	6	
3	FW-SAE-0.750Y	Washer, Flat SAE 3/4 YZ	2	
4	HB-0.375-16X0.88Y8	Bolt, Hex Hd 3/8-16x7/8 YZ8	2	
5	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2 YZ8	2	
6	HB-0.500-13X1.75Y8	Bolt, Hex Hd 1/2-13x1-3/4 YZ8	2	
7	HB-0.500-13X2.75Y8	Bolt, Hex Hd 1/2-13x2-3/4 YZ8	1	
8	HB-0.750-10X5.00Y8	Bolt, Hex Hd 3/4-10x5 YZ8	1	
9	HBFT-0.375-16X3.50Y8	Bolt, Hex Hd 3/8-16x3-1/2FTYZ8	3	
10	HDWSH-0.375X1.375Y	HD Washer, 3/8x1-3/8 YZ	2	
11	HNUT-0.375-16Y8	Nut, Hex 3/8-16 YZ8	2	
12	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	4	
13	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	3	
14	NLNUT-0.750-10Y8	Nylon Lock Nut, 3/4-10 YZ8	1	
15	PB-2.000X2.25X2.00	Bushing, Composite 2x2-1/4x2	2	
16	PB-2.500X2.75X2.50	Bushing, Composite 2-1/2x2-3/4x2-1/2	2	
17	T0051584	2.50 Grease Seal	1	
18	T0051585	2.00 Grease Seal	2	
19	T0051737	Decal,Warn CrshHaz Serv WngWhl	2	
20	T0053697	Bracket, Brake Pad Retainer	1	
21	T0053700	Anchor	1	
22	T0053701	Piston	1	
23	T0056603	Spring, Caster Brake (Purple)	1	
24	T0053706	Brake Pad Piston Side	1	
25	T0053942	Decal, Danger-Wing Crsh Hzd	2	
26	T0054016	Plate, Spring Retention	1	
27	T0056240	Pad, Rear Arm Stop	1	
28	TW000986	Wldmt, Spring Release	1	
29	TW001450	Wldmt, 15" Dual Wing Wheel Rear Arm	1	
30	ZERK-0.250-28	Zerk, 1/4-28	3	

Note:

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



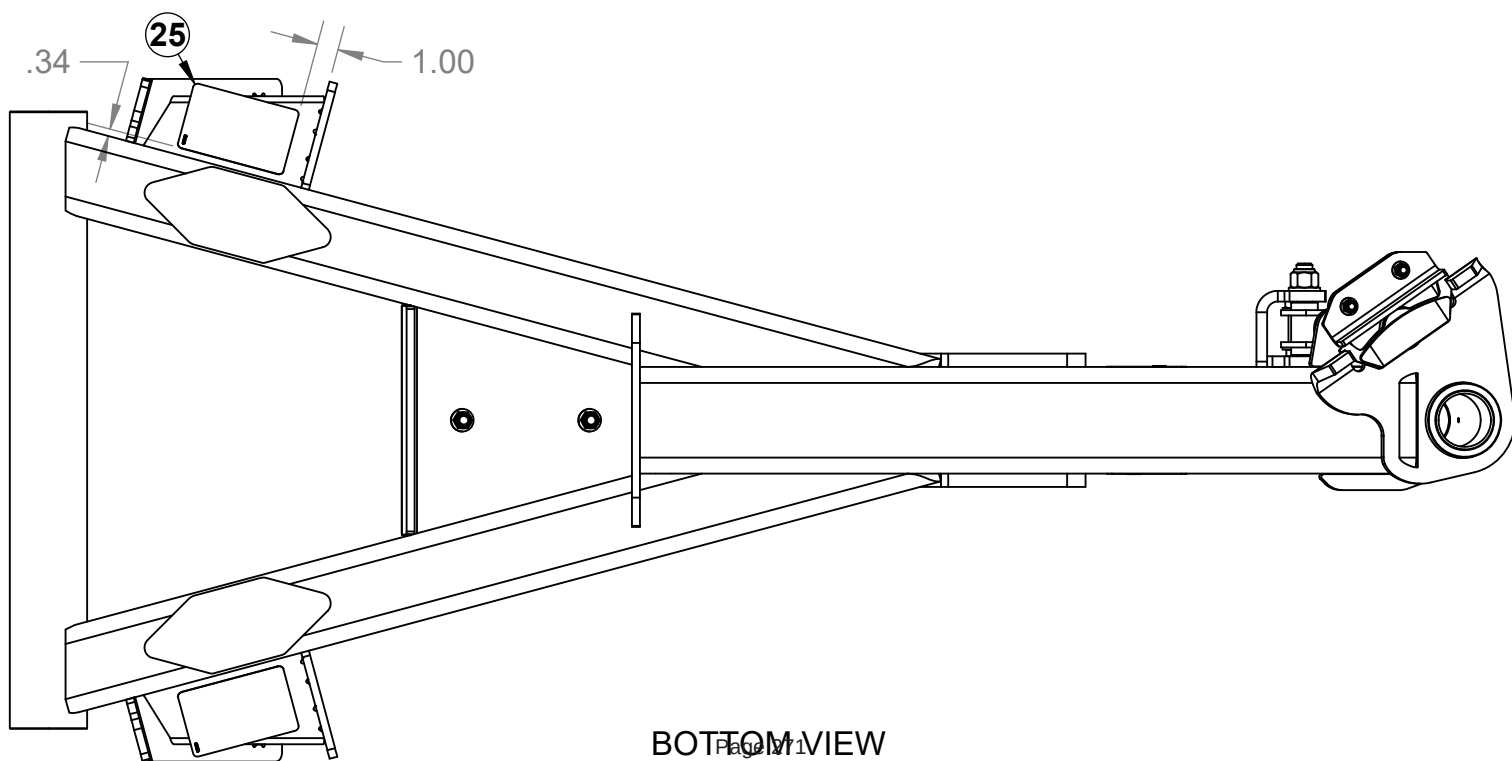
DETAIL A
SCALE 1 : 4.5

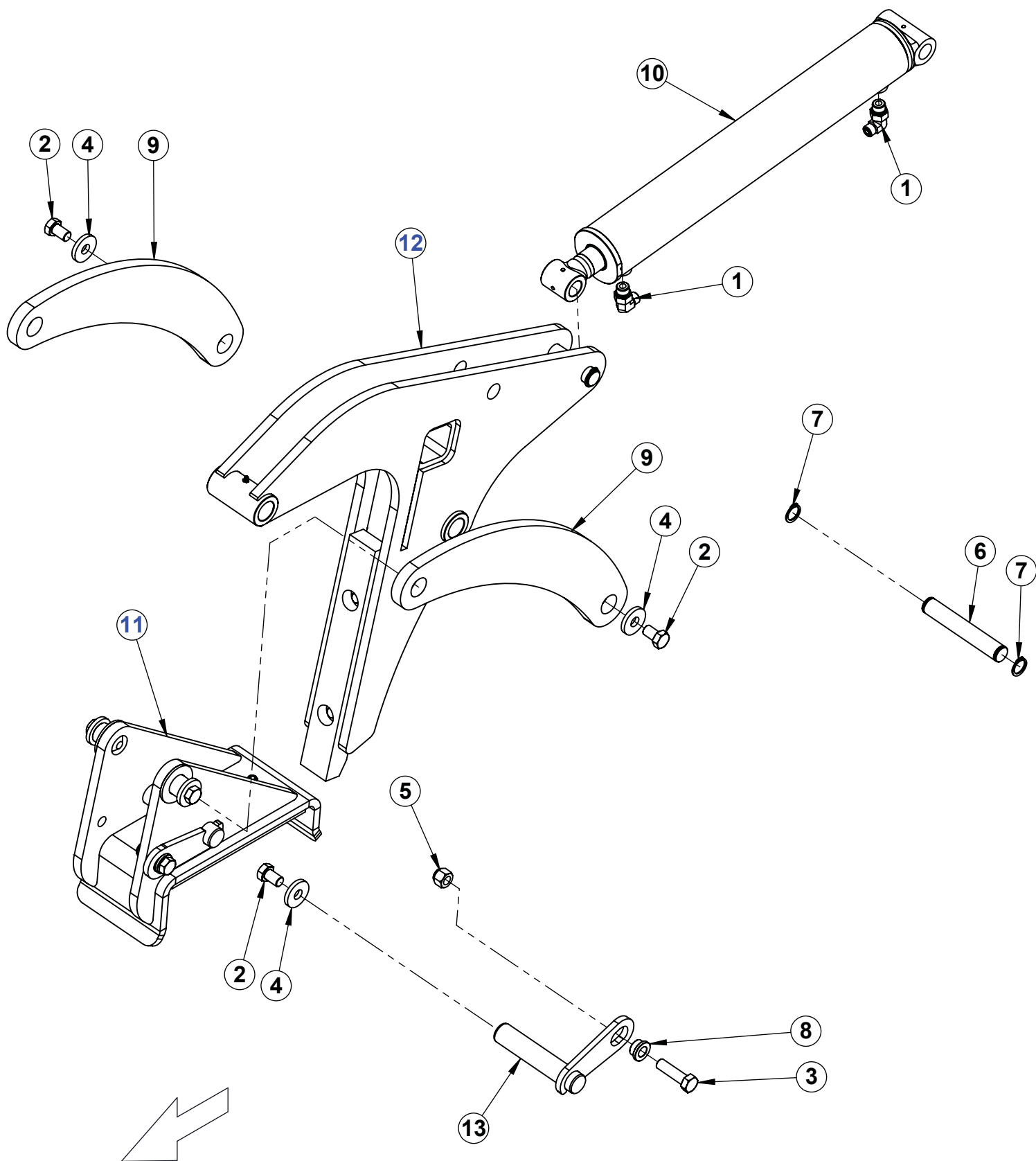


SIDE VIEW

TA01912 Assy, 15" Dual WW Rear Caster Arm

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	8	
2	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	6	
3	FW-SAE-0.750Y	Washer, Flat SAE 3/4 YZ	2	
4	HB-0.375-16X0.88Y8	Bolt, Hex Hd 3/8-16x7/8 YZ8	2	
5	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2 YZ8	2	
6	HB-0.500-13X1.75Y8	Bolt, Hex Hd 1/2-13x1-3/4 YZ8	2	
7	HB-0.500-13X2.75Y8	Bolt, Hex Hd 1/2-13x2-3/4 YZ8	1	
8	HB-0.750-10X5.00Y8	Bolt, Hex Hd 3/4-10x5 YZ8	1	
9	HBFT-0.375-16X3.50Y8	Bolt, Hex Hd 3/8-16x3-1/2FTYZ8	3	
10	HDWSH-0.375X1.375Y	HD Washer, 3/8x1-3/8 YZ	2	
11	HNUT-0.375-16Y8	Nut, Hex 3/8-16 YZ8	2	
12	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	4	
13	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	3	
14	NLNUT-0.750-10Y8	Nylon Lock Nut, 3/4-10 YZ8	1	
15	PB-2.000X2.25X2.00	Bushing, Composite 2x2-1/4x2	2	
16	PB-2.500X2.75X2.50	Bushing, Composite 2-1/2x2-3/4x2-1/2	2	
17	T0051584	2.50 Grease Seal	1	
18	T0051585	2.00 Grease Seal	2	
19	T0051737	Decal,Warn CrshHaz Serv WngWhl	2	
20	T0053697	Bracket, Brake Pad Retainer	1	
21	T0053700	Anchor	1	
22	T0053701	Piston	1	
23	T0056603	Spring, Caster Brake (Purple)	1	
24	T0053706	Brake Pad Piston Side	1	
25	T0053942	Decal, Danger-Wing Crsh Hzd	2	
26	T0054016	Plate, Spring Retention	1	
27	T0056240	Pad, Rear Arm Stop	1	
28	TW000986	Wldmt, Spring Release	1	
29	TW001450	Wldmt, 15" Dual Wing Wheel Rear Arm	1	
30	ZERK-0.250-28	Zerk, 1/4-28	3	



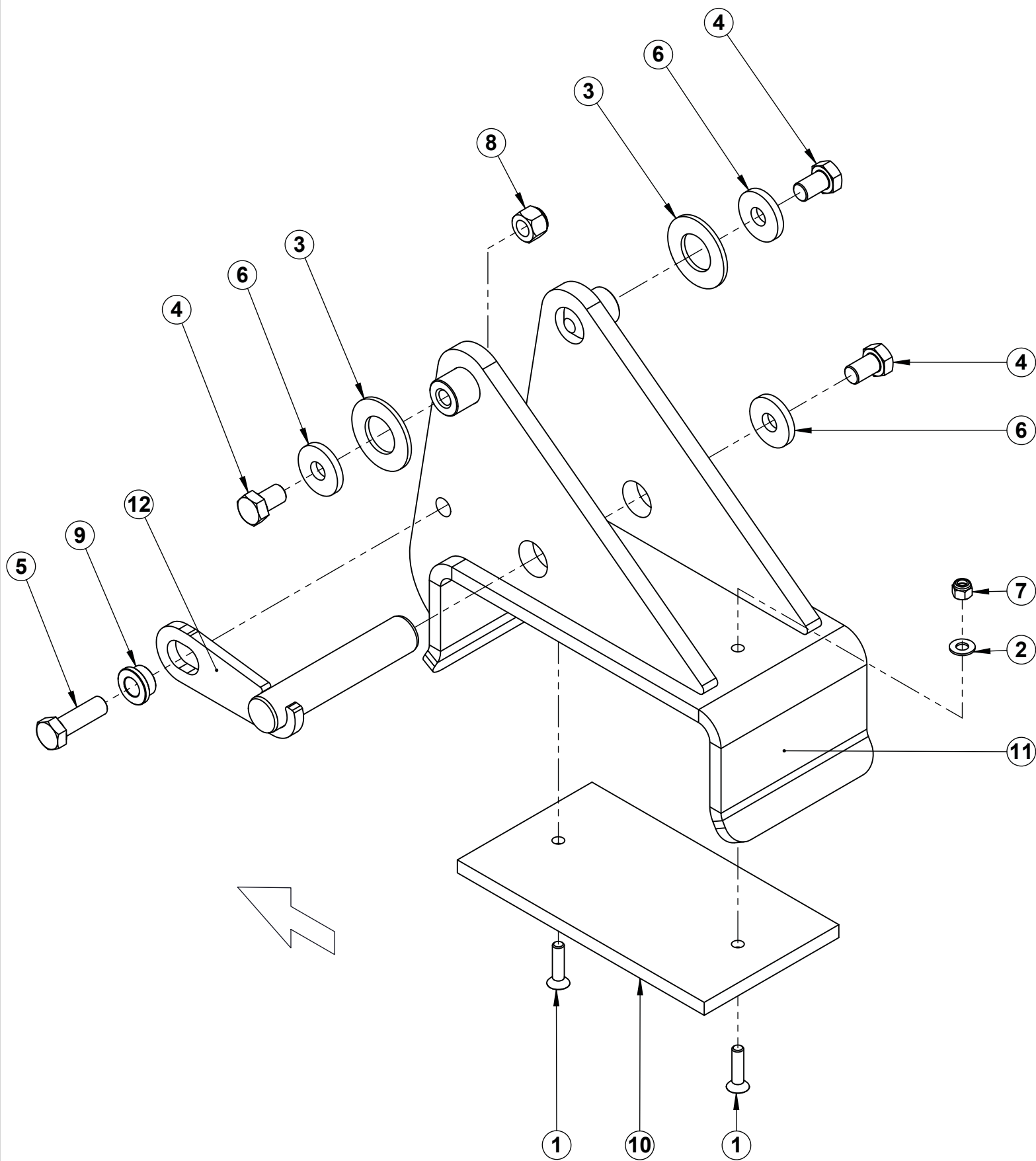


TA01923 Assy, LH Wing Lift

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	AD-06MFS-08MB-90	Adapter, 06MFS-08MB 90	2	
2	HB-0.625-11X1.00Y8	Bolt, Hex Hd 5/8-11x1 YZ8	3	
3	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	1	
4	HDWSH-0.64X1.75Y	HD Washer 41/64x1-3/4 YZ	3	
5	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	1	
6	PIN-1.000X5.75Y	Pin, 1x5-3/4 YZ	1	
7	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	2	
8	T0050854	Anti Rotation Insert	1	
9	T0055674	Linkage, Wing Lift	2	
10	TA00963	Cylinder, Hyd 3.00X20.00	1	
11	TA00979	Assy, Wing Engagement	1	
12	TA00980	Wing Lift Assy	1	
13	TW000906	Pin Weldment	1	

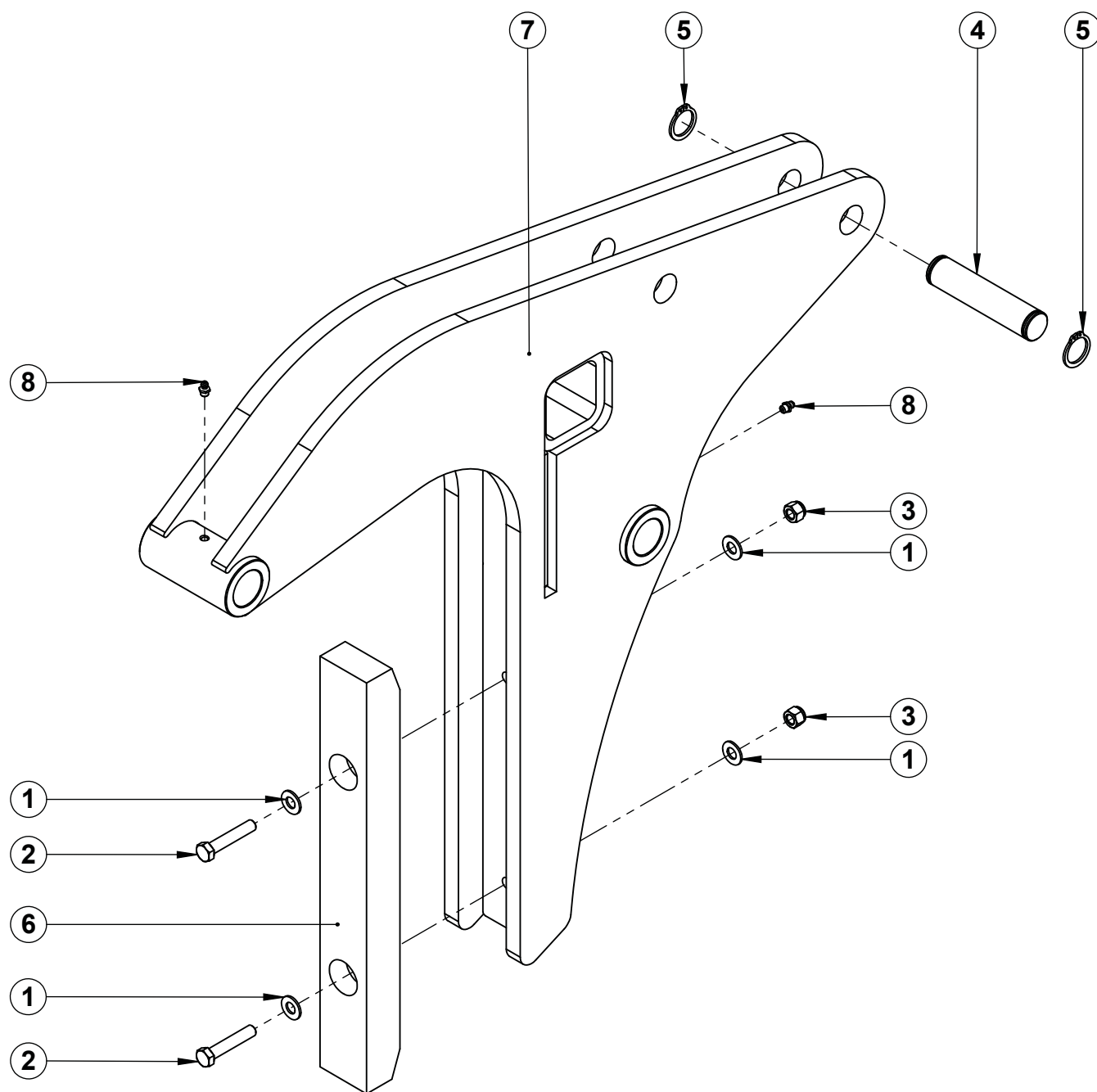
Note:

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



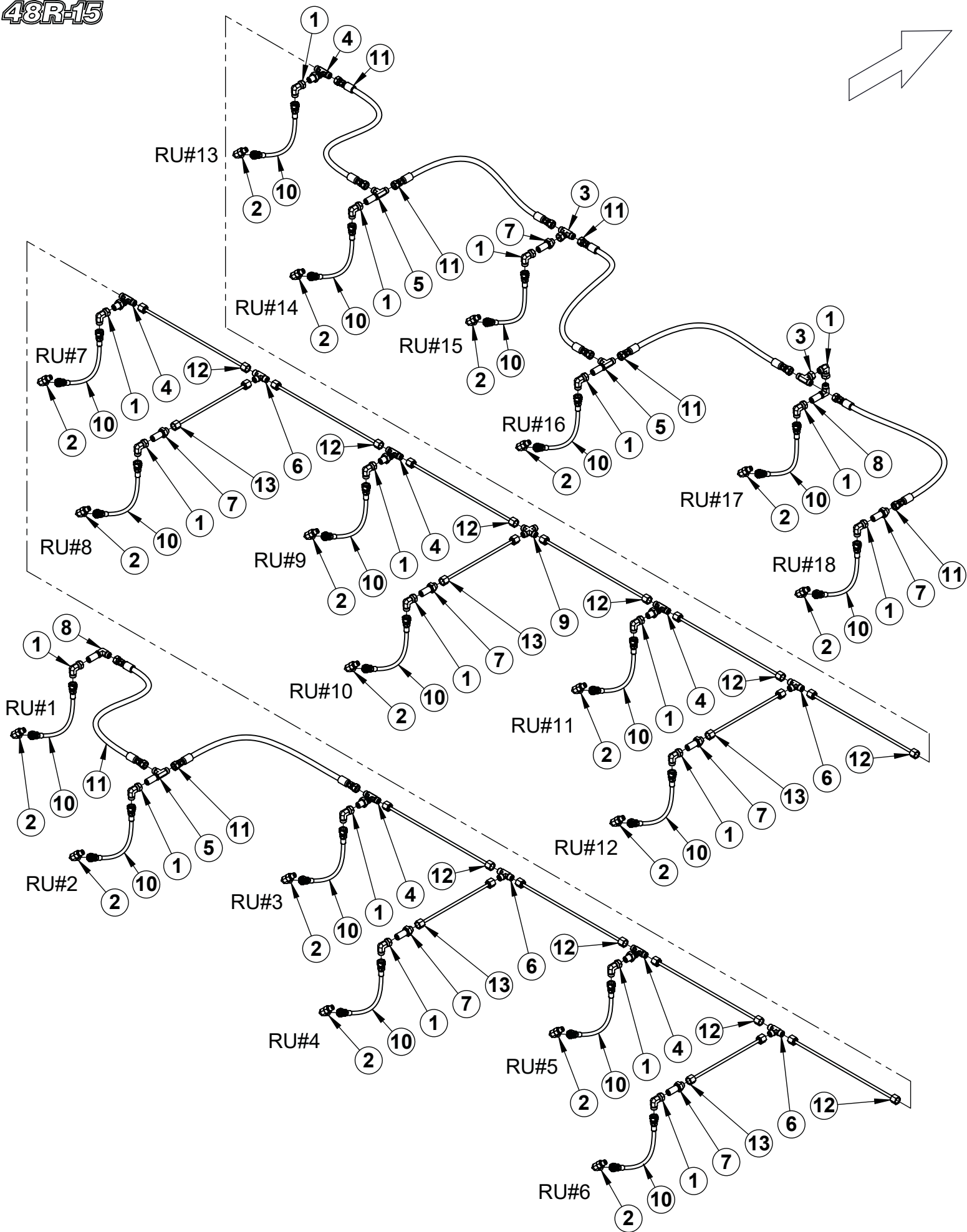
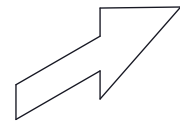
TA00979 Assy, Wing Engagement

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



TA00980 Wing Lift Assy

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

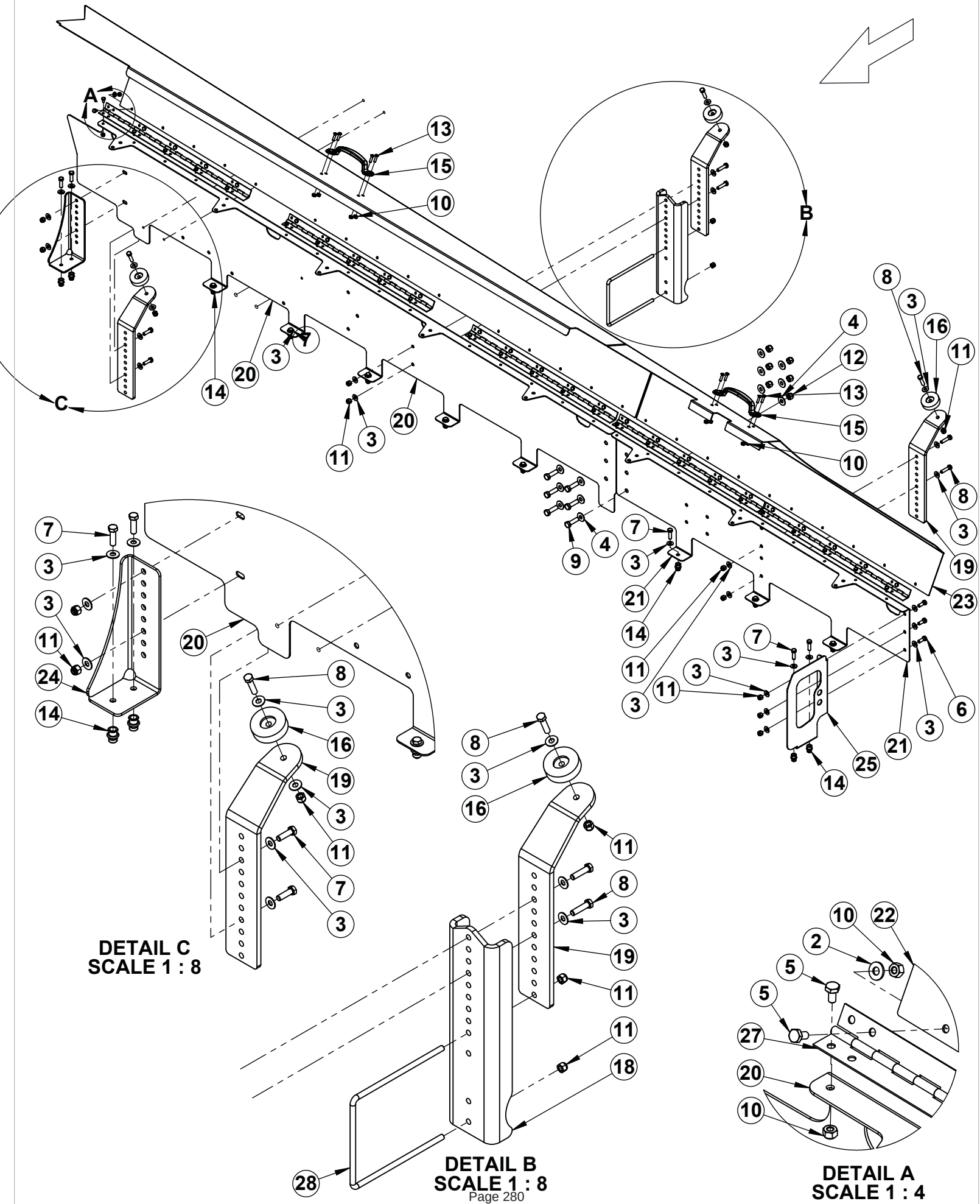


TA01986 Assy, 48R15 LH RU Lift Hose Routing

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	AD-04MFS-04FST-90	Adapter, 04MFS-04FST 90	19	
2	AD-04MFS-04MB-90	Adapter, 04MFS-04MB 90	18	
3	AD-04MFS-04MFS-04FST	Adapter, 04MFS-04MFS-04FST Tee	2	
4	AD-04MFS-04MFS-04MFS-BH	Adapter, 04MFS-04MFS-04MFS BH Tee	6	
5	AD-04MFS-04MFS-04MFS-BHR	Adapter, 04MFS-04MFS-04MFS BH Run	3	
6	AD-04MFS-04MFS-04MFS	Adapter, 04MFS-04MFS-04MFS Tee	4	
7	AD-04MFS-04MFS-BH	Adapter, 04MFS-04MFS BH	7	
8	AD-04MFS-04MFS-BH90	Adapter, 04MFS-04MFS BH 90	2	
9	AD-04MFS-CROSS	Adapter, 04MFS Cross	1	
10	HS02-009-04FS-04FS	Hose 0.125-009-04FS-04FS	18	
11	HS04-021-04FS-04FS-A	Hose 0.250-021-04FS-04FS-A	7	
12	T0056083	Tube Assy, Row Lift 15" Spacing	10	
13	T0056093	Tube Assy, Row Lift 10" Setback	5	

Note:

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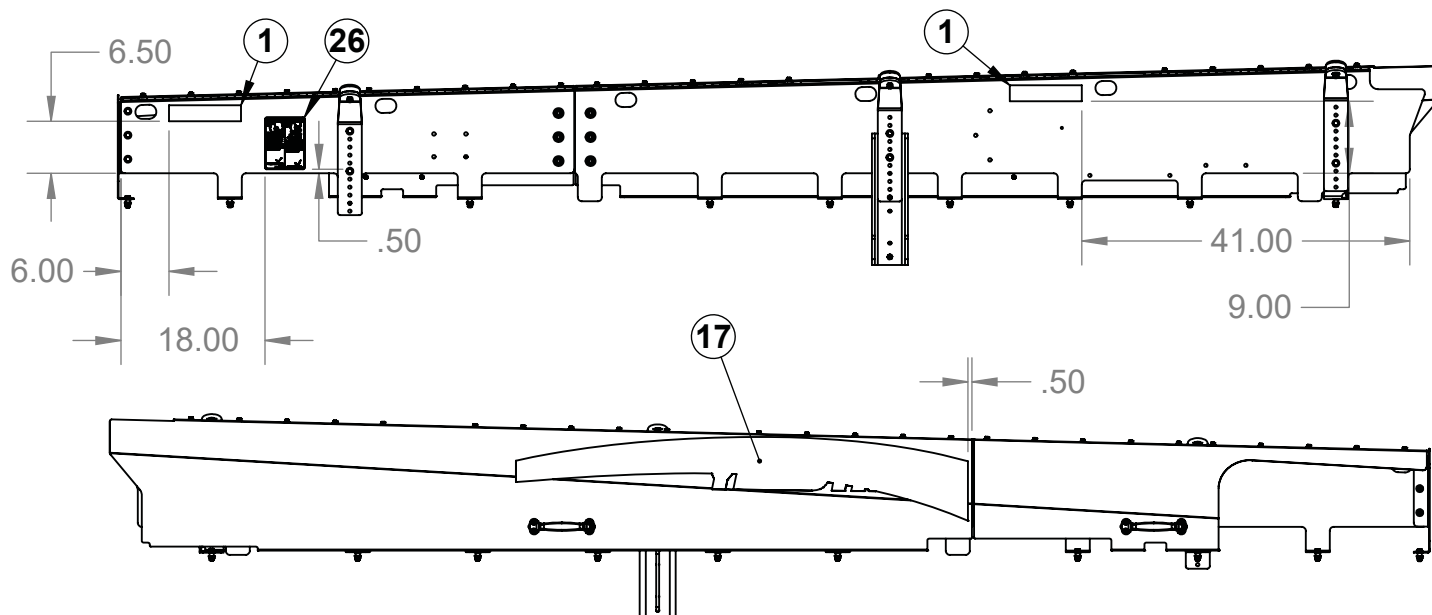


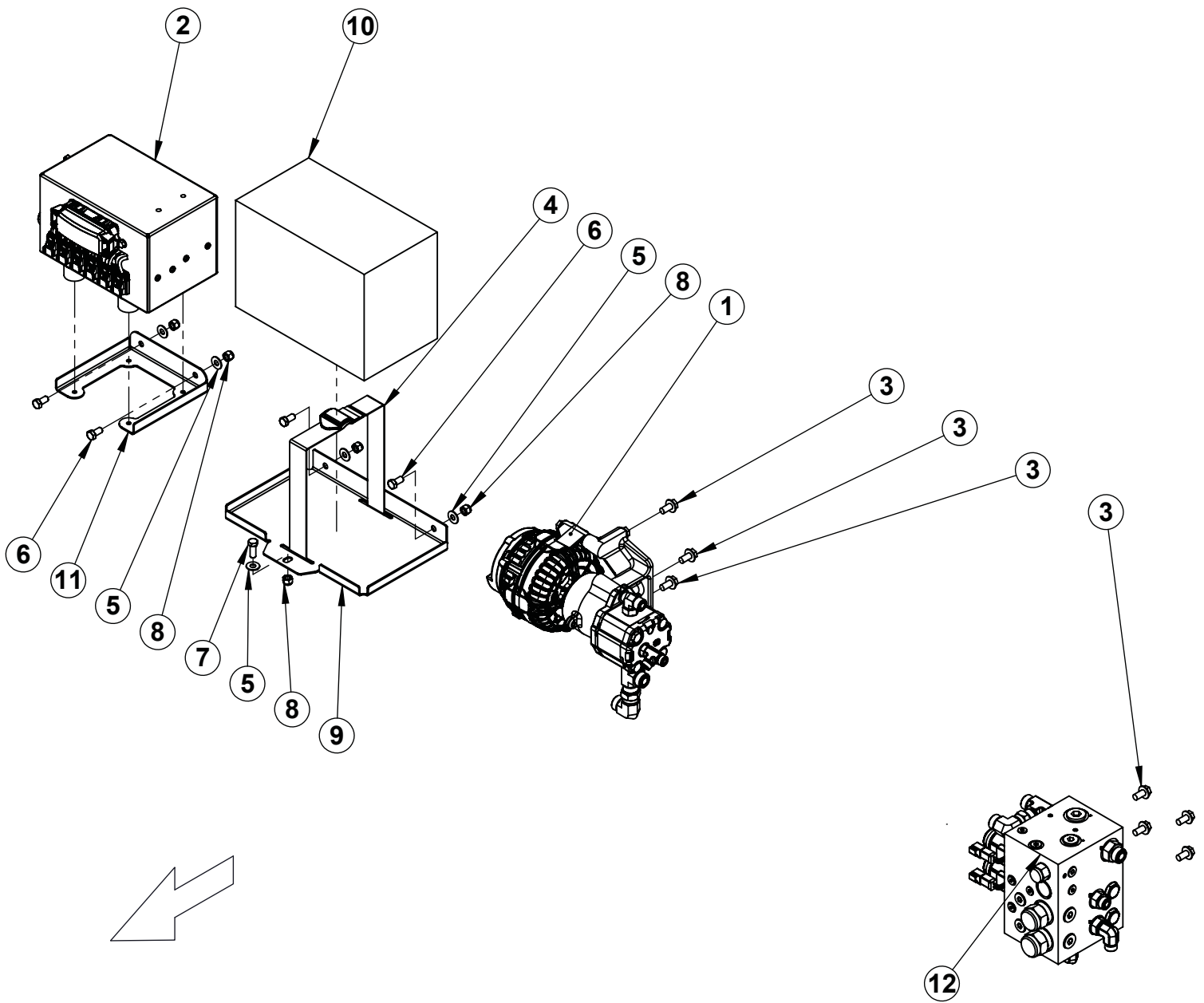
TA02246 Assy, 48R15 LH Wing Shield

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	90-44-0410	Decal, Reflector, Yellow-2x9	2	
2	FW-SAE-0.250Y	Washer, Flat SAE 1/4 YZ	25	
3	FW-USS-0.313Y	Washer, Flat USS 5/16 YZ	34	
4	FW-USS-0.438Y	Washer, Flat USS 7/16 YZ	12	
5	HB-0.250-20X0.50Y8	Bolt, Hex Hd 1/4-20x1/2 YZ8	50	
6	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1 YZ8	3	
7	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	14	
8	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2 YZ8	7	
9	HB-0.500-13X1.75Y8	Bolt, Hex Hd 1/2-13x1-3/4 YZ8	6	
10	NLNUT-0.250-20Y8	Nylon Lock Nut, 1/4-20 YZ8	58	
11	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	14	
12	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	6	
13	OHPMS-.250-20X1.00SS	Screw, Phillips Oval Hd 1/4-20x1 SS	8	
14	RN-0.375-16-.31-.44-Y	Rivet Nut, 3/8-16x0.31-0.44 YZ	12	
15	T0051467	Handle	2	
16	T0051481	Rubber Stop	3	
17	T0051664	Decal, YieldTrac With Arch LH	1	
18	T0054582	Shield Mount	1	
19	T0054583	Mount, Shield Bumper	3	
20	T0056593	Panel, 48R15 LH Inner Back	1	
21	T0056594	Panel, 48R15 LH Outer Back	1	
22	T0056595	Shield, 48R15 LH Wing Inner	1	
23	T0056596	Shield, 48R15 LH Wing Outer	1	
24	T0056087	Brckt, Shield Mount	1	
25	T0056602	Cap, 48R15 LH Shield End	1	
26	T0056182	Decal, Warning Row Unit Lift Lock	1	
27	TA00851	Piano Hinge	5	
28	UB-0.38X7.0X7.0-SY2	U-Bolt, Square 3/8-16x7x7 YZ2	1	

Note:

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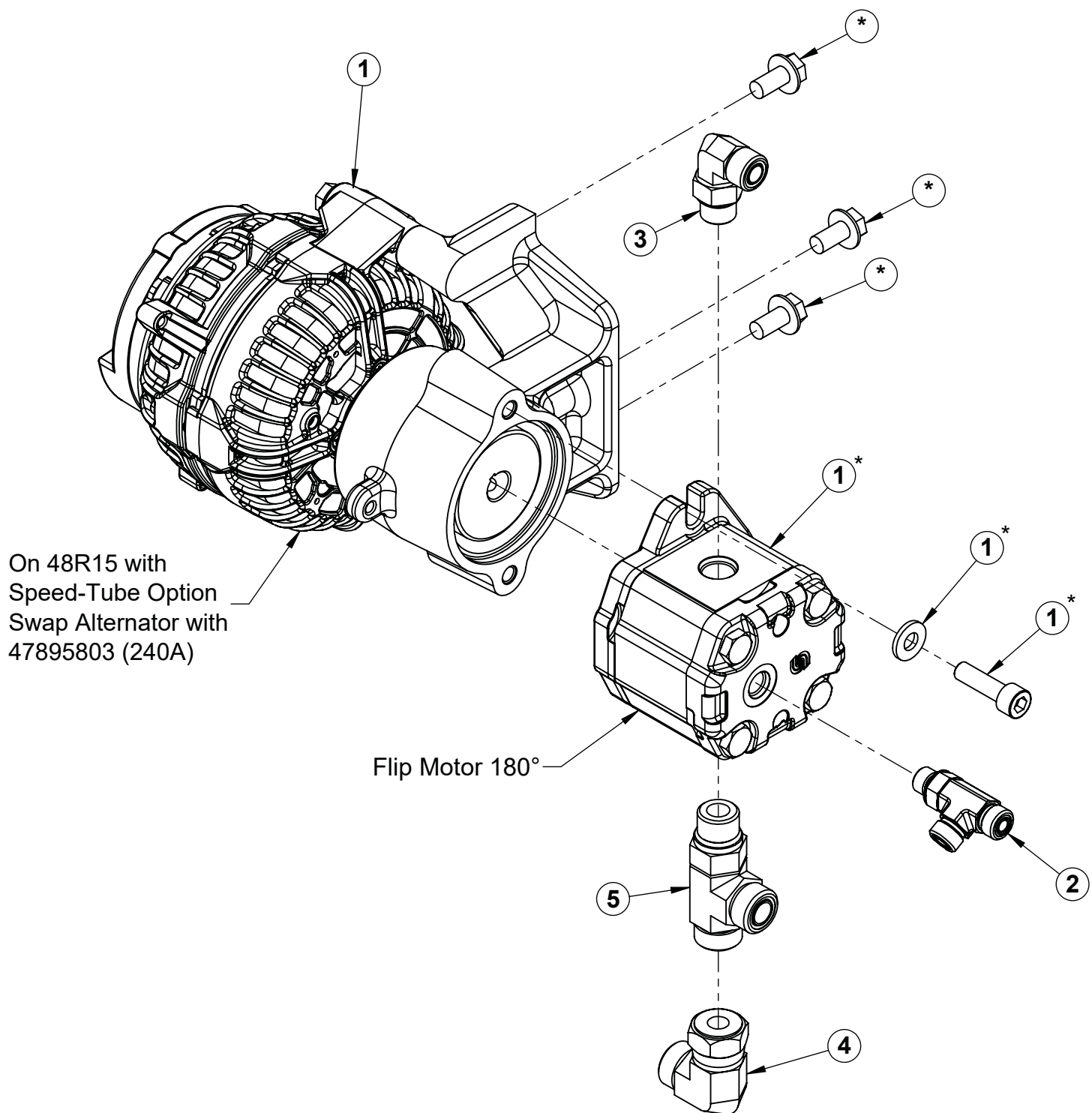


TA02250 Assy, 48R15 PP Components

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA02203	Assy, Alternator w/ Adapters	1	
2	47714576	Assy, PDM	1	
3	86050286	Bolt, M10x 20mm	7	
4	90-99-0012	Strap, Battery Canvas	1	
5	FW-USS-0.313Y	Washer, Flat USS 5/16 YZ	5	
6	HB-0.375-16X0.75Y8	HBolt-0.3750-16x0.750-YZ8	4	
7	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1 YZ8	1	
8	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	5	
9	T0055598	Battery Tray	1	
10	T0055644	Battery, Group 31	1	
11	T0056309	Bracket, PDM Mount	1	
12	TA02192	Assy, Fan & Alt Valve (Crary Fan)	1	

Note:

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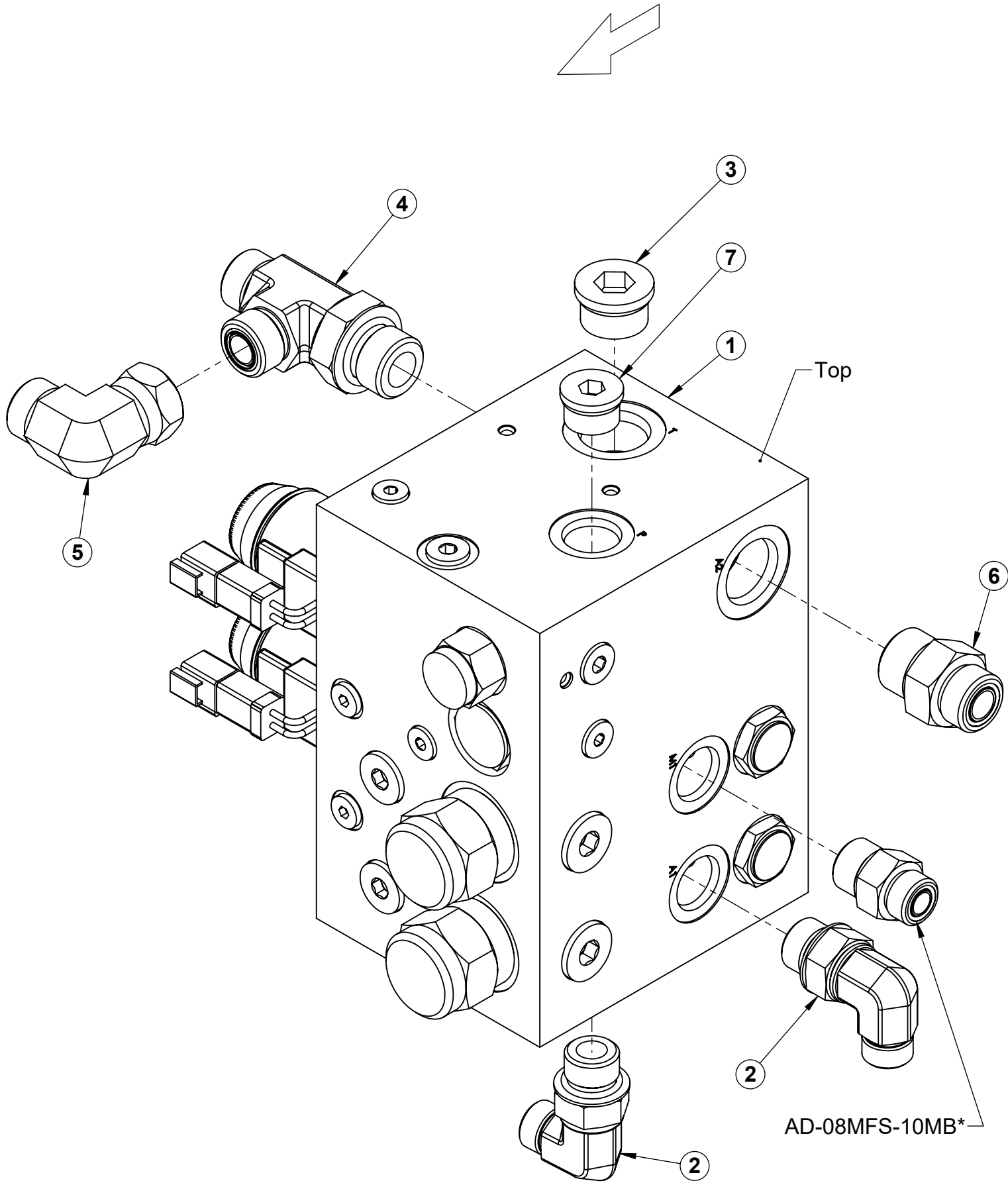


TA02203 Assy, Alternator w/ Adapters

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	47687209	Assy, Alternator	1	
2	AD-06MFS-06MB-06MFS	Adapter, 06MFS-06MB-06MFS Tee	1	
3	AD-08MFS-08MB-90	Adapter, 08MFS-08MB 90	1	
4	AD-10MFS-10FST-90	Adapter, 10MFS-10FST 90	1	
5	AD-10MFS-10MB-10MFS	Adapter, 10MFS-10MB-10MFS Tee	1	

Note:

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

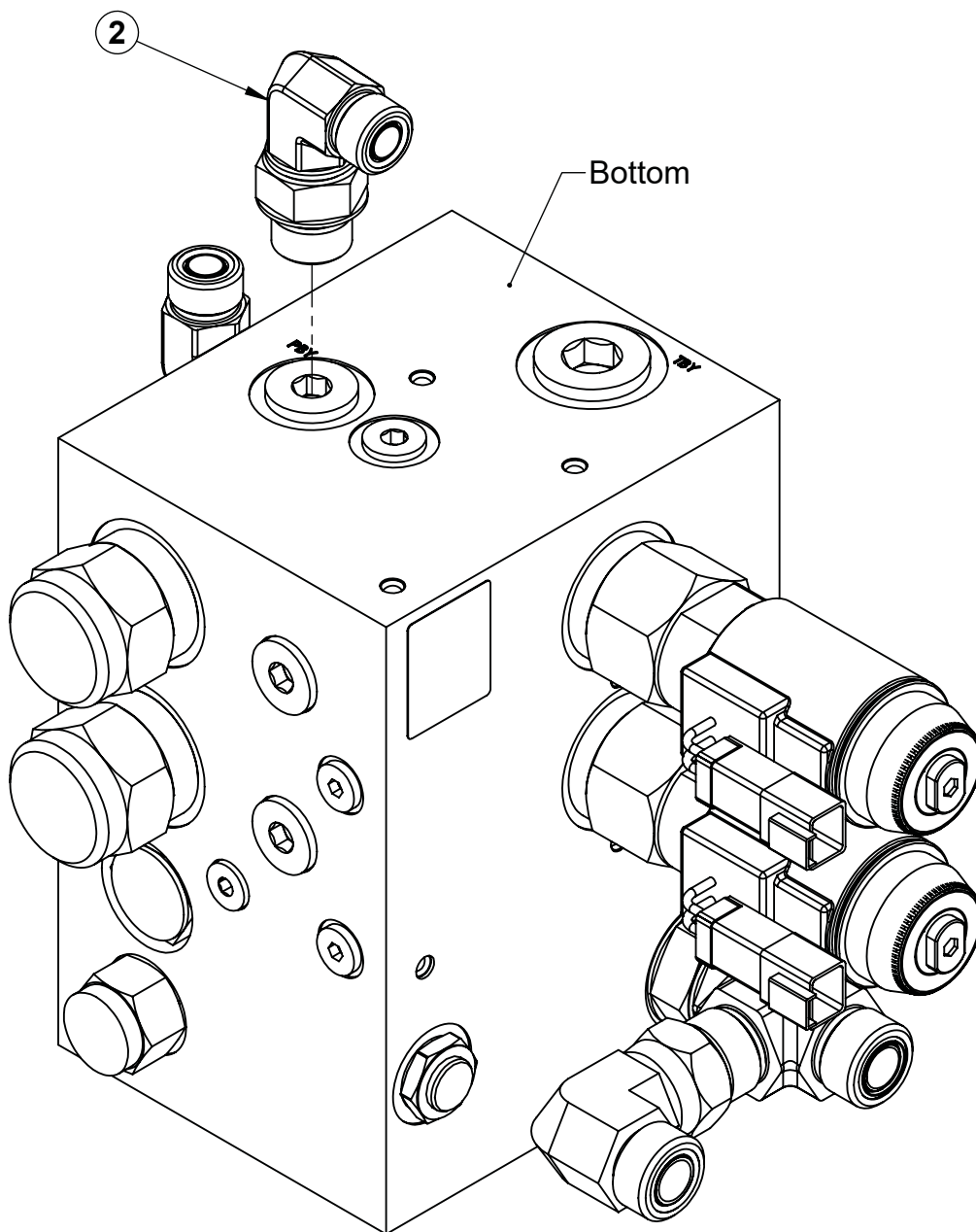


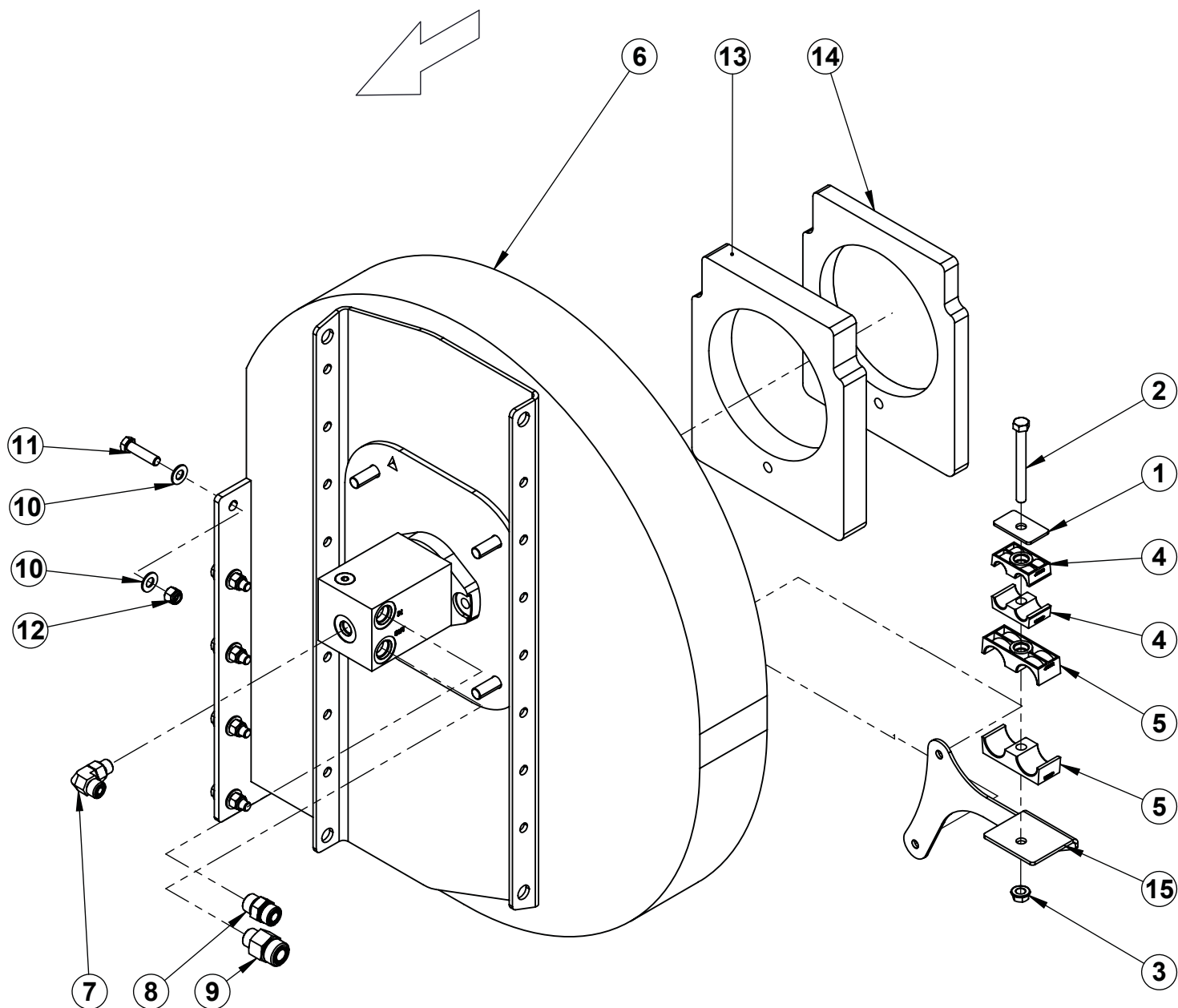
TA02192 Assy, Fan & Alt Valve (Crary Fan)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	47919038	Valve, Fan & Alt Control	1	
2	AD-08MFS-10MB-90	Adapter, 08MFS-10MB 90	2	
3	HEXPLUG-12MB-HLW	SAE #12 Hollow Hex Plug	1	
4	AD-10MFS-12MB-10MFS	Adapter, 10MFS-12MB-10MFS Tee	1	
5	AD-10MFS-10FST-90	Adapter, 10MFS-10FST 90	1	
6	AD-10MFS-12MB	AD-10MFS-12MB	1	
7	HEXPLUG-10MB-HLW	10MB HOLLOW HEX PLUG	1	

Note:

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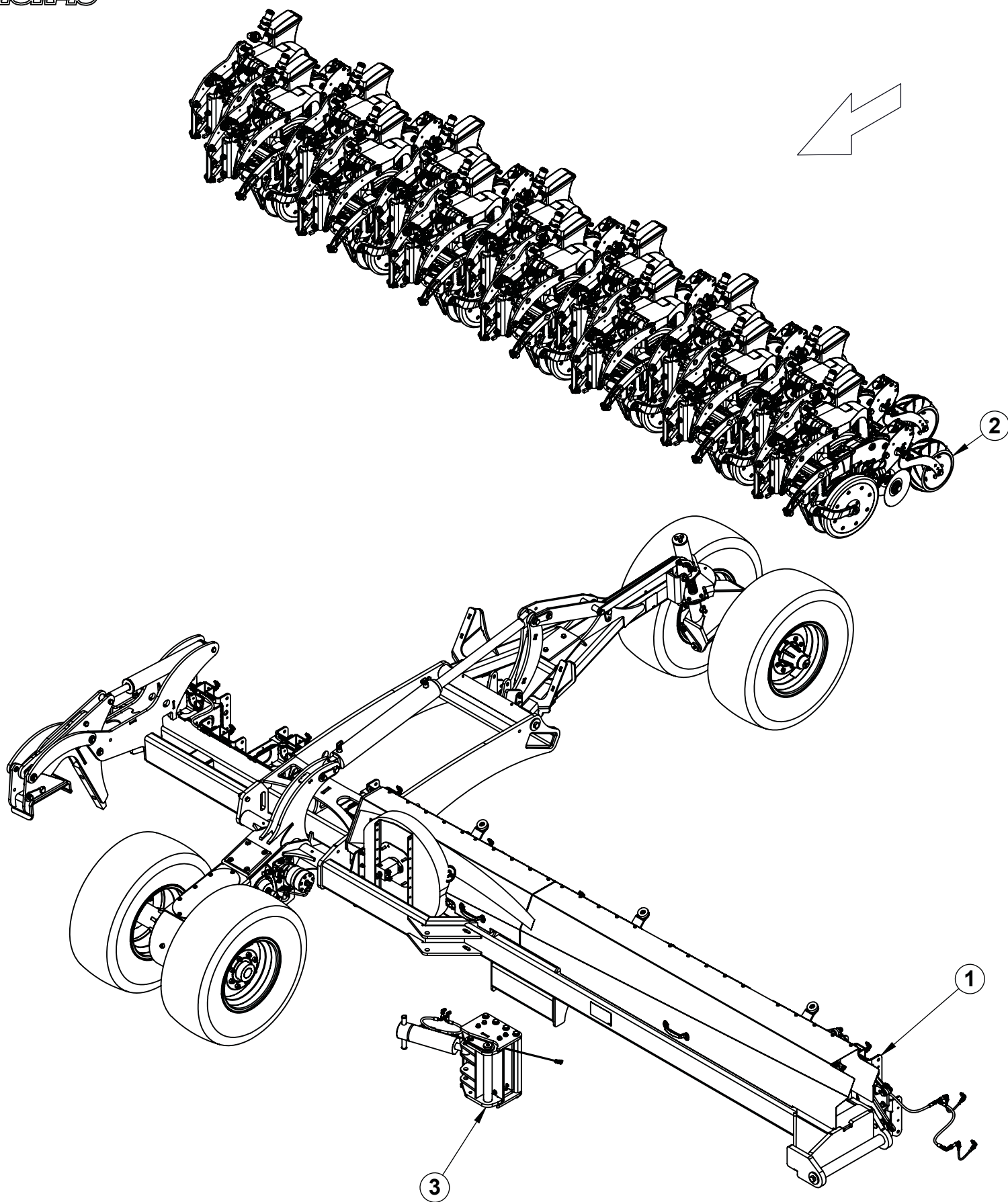


TA02263 Assy, 48R15 LH Wing Vacuum Fan

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	55-4-01603	PLATE, BACKER	1	
2	90-10-0877	Bolt, Hex 3/8-16 x 3 1/2 Gr5 ZP	1	
3	90-13-3043	Nut, Flanged 3/8-16 Gr5 ZP (Serrated)	1	
4	90-18-0009	Clamp, 3/8" Hose, Plastic Twin 5/8"	2	
5	90-18-0017	Clamp, Hose, Plastic Twin 1-1/8"	2	
6	90-57-0007	Fan, Crary TF100 Vac w/6CC Internal Gear	1	
7	AD-06MFS-06MB-90	Adapter, 06MFS-06MB 90	1	
8	AD-08MFS-08MB	Adapter, 08MFS-08MB	1	
9	AD-10MFS-08MB	Adapter, 10MFS-08MB	1	
10	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	20	
11	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2 YZ8	10	
12	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	10	
13	T0054664	Seal, Vac to Plenum	1	
14	T0054664	Seal, Vac to Plenum	1	
15	T0056619	Brkt, Fan Hose	1	

Note:

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

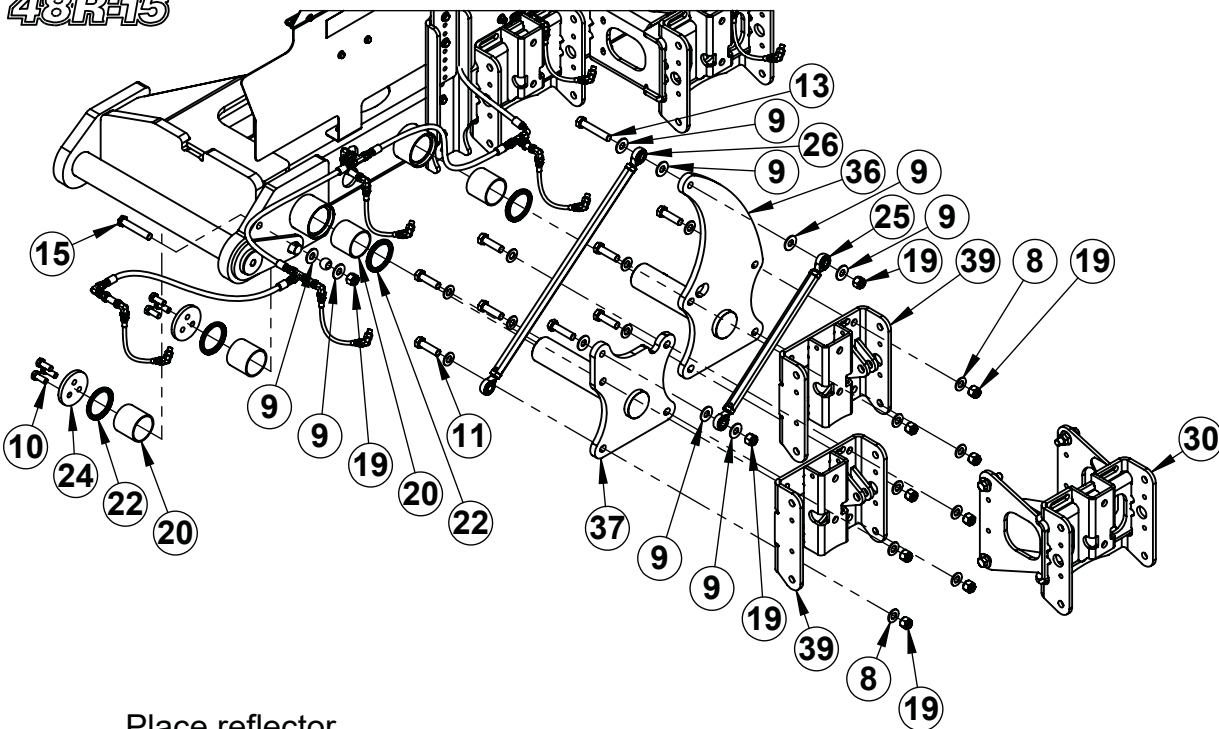


TA02247 Assy, 48R15 RH Wing

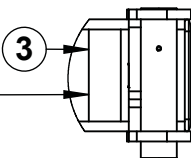
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA02248	Assy, 48R15 RH Wing Base	1	
2	TA01971	Assy, 48R15 RUs	1	
3	TA02001	Assy, RH Wing Side Shift	1	

Note:

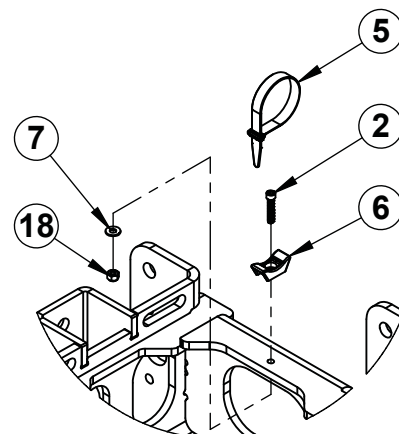
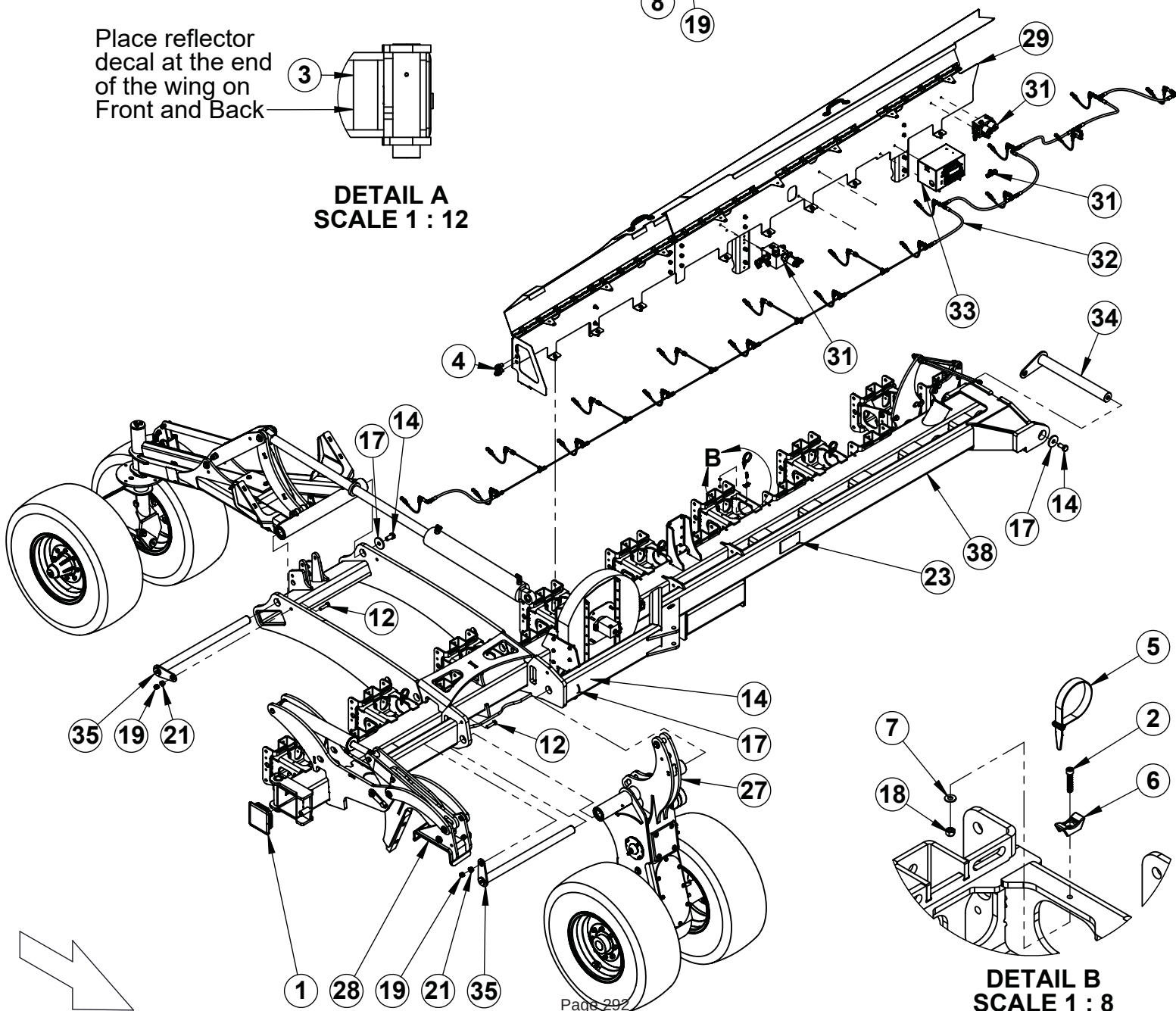
1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



Place reflector
decal at the end
of the wing on
Front and Back



DETAIL A
SCALE 1 : 12



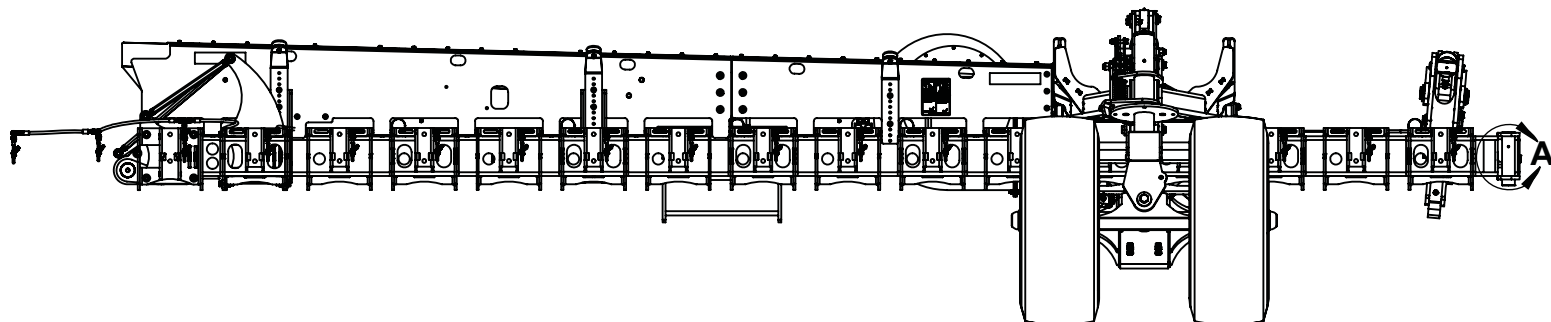
DETAIL B
SCALE 1 : 8

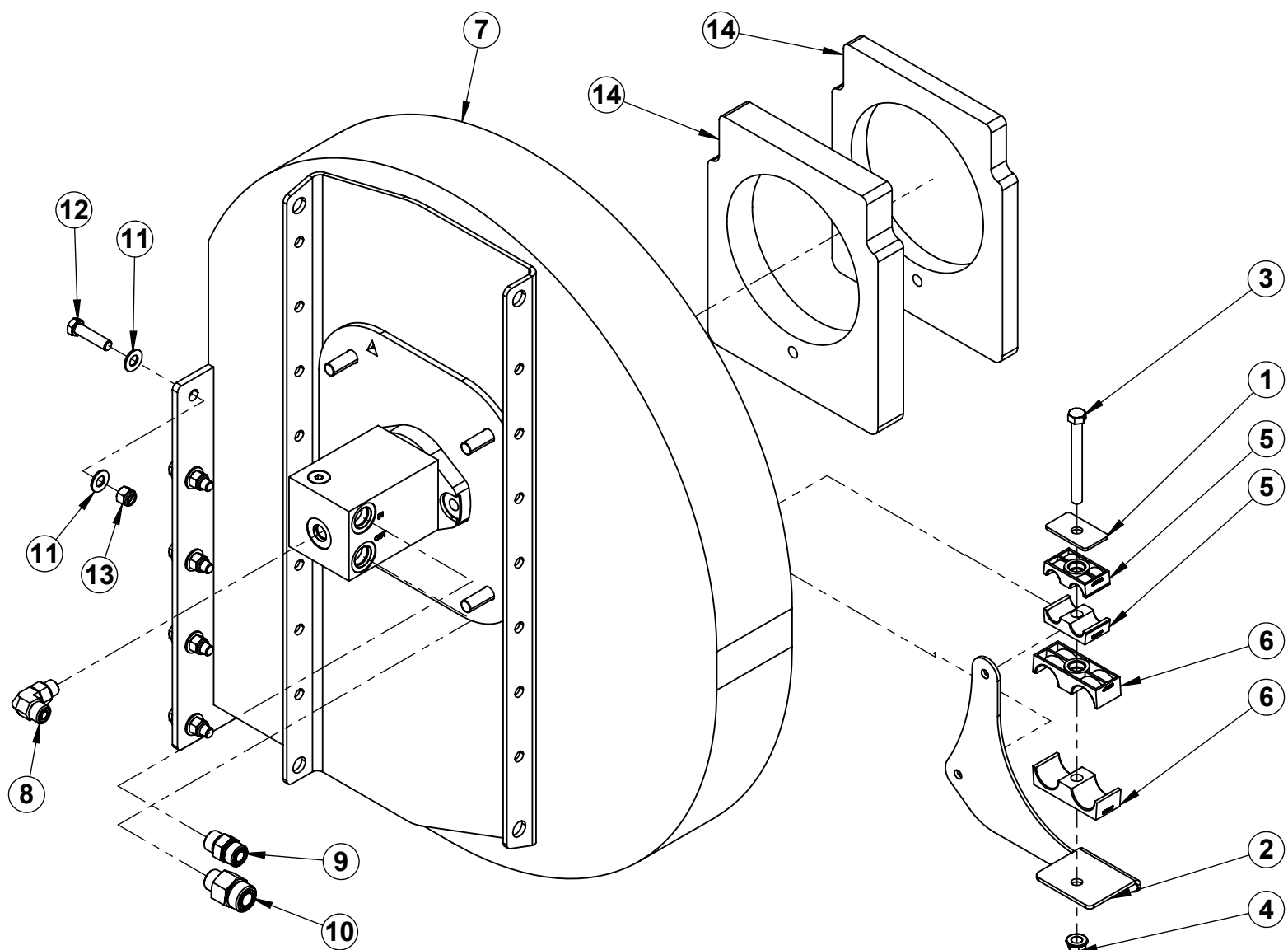
TA02248 Assy, 48R15 RH Wing Base

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	48106381	Vacuum Plug, 7" Sq	1	
2	90-10-7773	Bolt, Socket 1/4-20 x 1 1/4 Gr8	7	
3	90-44-0410	Decal, Reflector, Yellow-2x9	2	
4	AD-08MFS-08MFS-BH	Adapter, 08MFS-08MFS BH	2	
5	CBLTIE-0.50X9.10	Cable Tie, 0.50x9.10, 2.25 Max Bundle	7	
6	CBLTIEMT-.250-.500	Cable Tie Mount, 1/4" Screw, 1/2" CBLTIE	7	
7	FW-SAE-0.250Y	Washer, Flat SAE 1/4 YZ	7	
8	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	16	
9	FW-USS-0.563YTH	Washer, Flat USS 9/16 Th-Hrd YZ	9	
10	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	6	
11	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	8	
12	HB-0.625-11X2.50Y8	Bolt, Hex Hd 5/8-11x2-1/2 YZ8	3	
13	HB-0.625-11X3.50Y8	Bolt, Hex Hd 5/8-11x3-1/2 YZ8	1	
14	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4 YZ8	3	
15	HBSH-0.625-11X3.50Y8	Bolt, Hex Hd 5/8-11x3-1/2 SH YZ8	1	
16	HCLMP-SAE-512SS	Hose Clamp, SAE #512 SS	1	
17	HDWSH-0.89X3.00Y	HD Washer, 5/764x3 YZ	3	
18	NLNUT-0.250-20Y8	Nylon Lock Nut, 1/4-20 YZ8	7	
19	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	13	
20	PB-2.500X2.75X2.50	Bushing, Composite 2-1/2x2-3/4x2-1/2	4	
21	T0050854	Anti Rotation Insert	2	
22	T0051584	2.50 Grease Seal	4	
23	T0051588	Decal, Warning - Crush Hazard	1	
24	T0054041	Washer, RU Pivot	2	
25	TA01108	Tie Rod Assy	1	
26	TA01109	Tie Rod Assy	1	
27	TA02265	Assy, 15" Dual Wing Wheel (5.0" Main Lift Cyl)	1	
28	TA01924	Assy, RH Wing Lift	1	
29	TA02249	Assy, 48R15 RH Wing Shield	1	
30	TA01974	Assy, RU 10in Bolt-On Setback	1	
31	TA02252	Assy, 48R15 RH Wing Hyd. valves	1	
32	TA01987	Assy, 48R15 RH RU Lift Hose Routing	1	
33	TA02006	Assy, RH Wing PDM	1	
34	TW000611	Pin Weldment	1	
35	TW001058	Pin Weldment	2	
36	TW001069	Row Unit Pivot Weld	1	
37	TW001071	Row Unit Pivot Weld	1	
38	TW001542	Wldmt, 48R15 RH Wing	1	
39	TW001475	Wldmt, RU Bolt-On Head Bracket	2	
40	TA02251	Assy, Vacuum Fan (6cc Internal Gear Motor)	1	

Note:

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



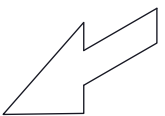
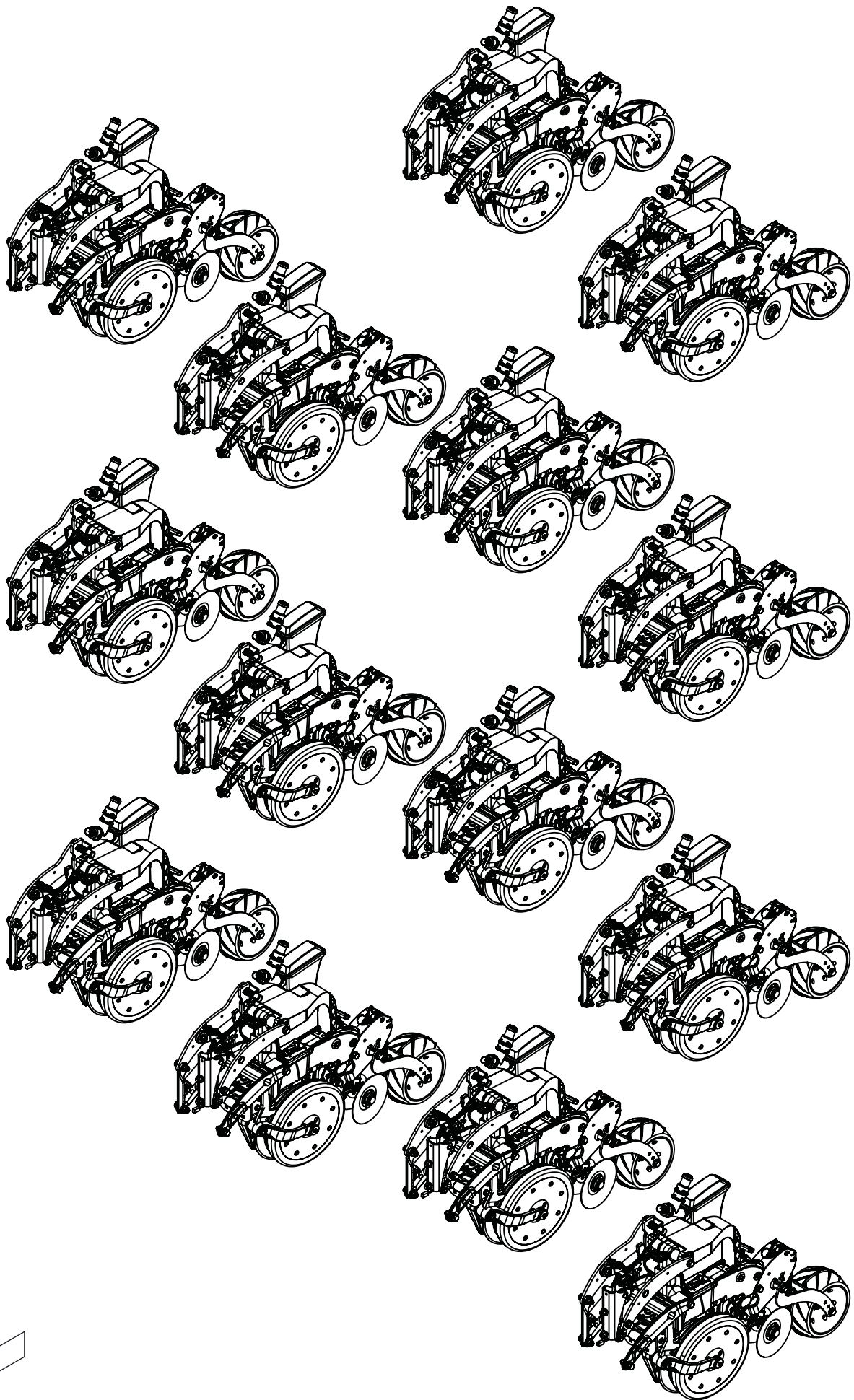


TA02251 Assy, Vacuum Fan (6cc Internal Gear Motor)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	55-4-01603	PLATE, BACKER	1	
2	65-4-00685	Brkt, Fan Hose	1	
3	90-10-0877	Bolt, Hex 3/8-16 x 3 1/2 Gr5 ZP	1	
4	90-13-3043	Nut, Flanged 3/8-16 Gr5 ZP (Serrated)	1	
5	90-18-0009	Clamp, 3/8" Hose, Plastic Twin 5/8"	2	
6	90-18-0017	Clamp, Hose, Plastic Twin 1-1/8"	2	
7	90-57-0007	Fan, Crary TF100 Vac w/6CC Internal Gear	1	
8	AD-06MFS-06MB-90	Adapter, 06MFS-06MB 90	1	
9	AD-08MFS-08MB	Adapter, 08MFS-08MB	1	
10	AD-10MFS-08MB	Adapter, 10MFS-08MB	1	
11	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	20	
12	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2 YZ8	10	
13	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	10	
14	T0054664	Seal, Vac to Plenum	2	

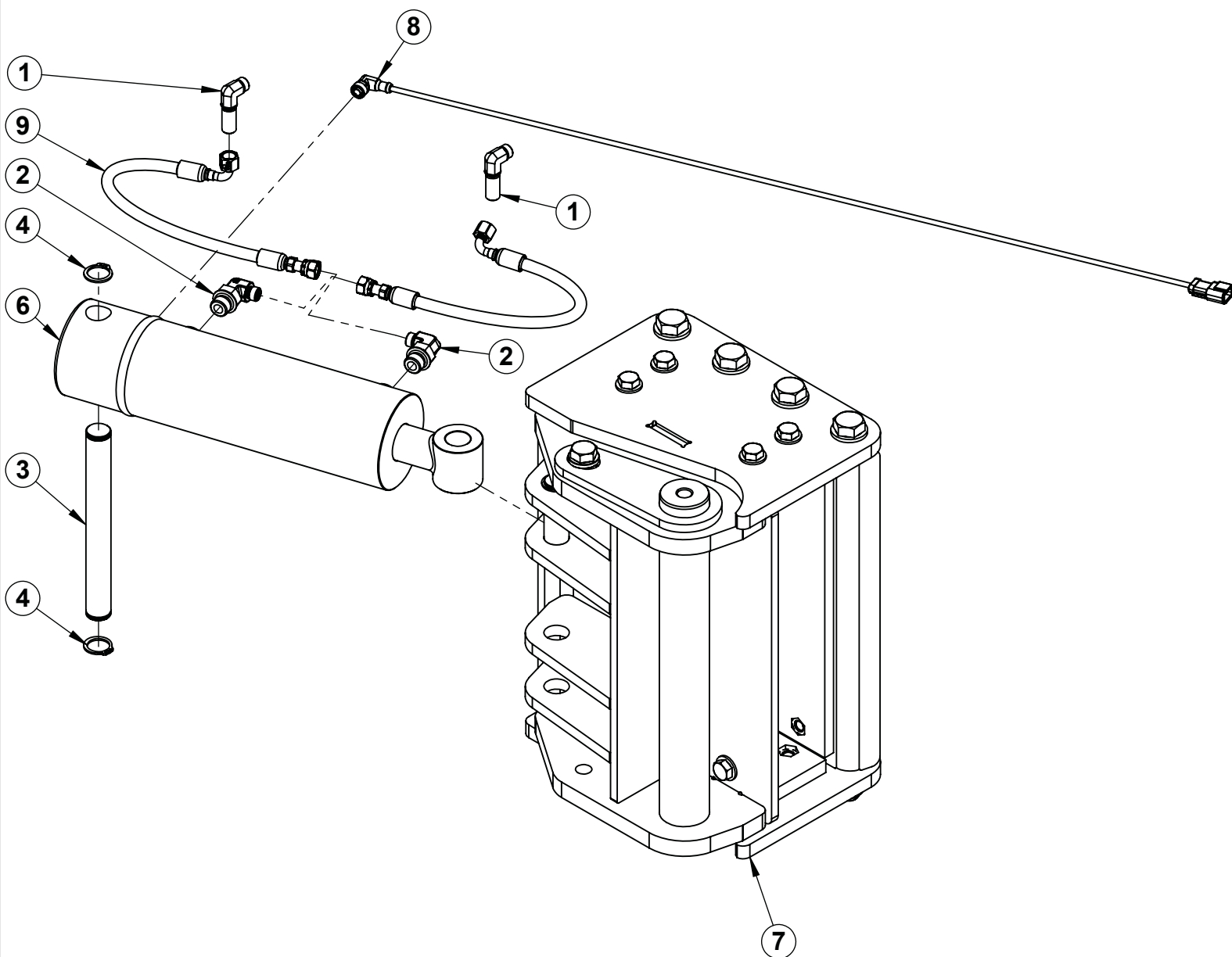
Note:

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



TA01971 Assy, 48R15 RUs				
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	48098615	2100 RH Row Unit	14	

- 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.

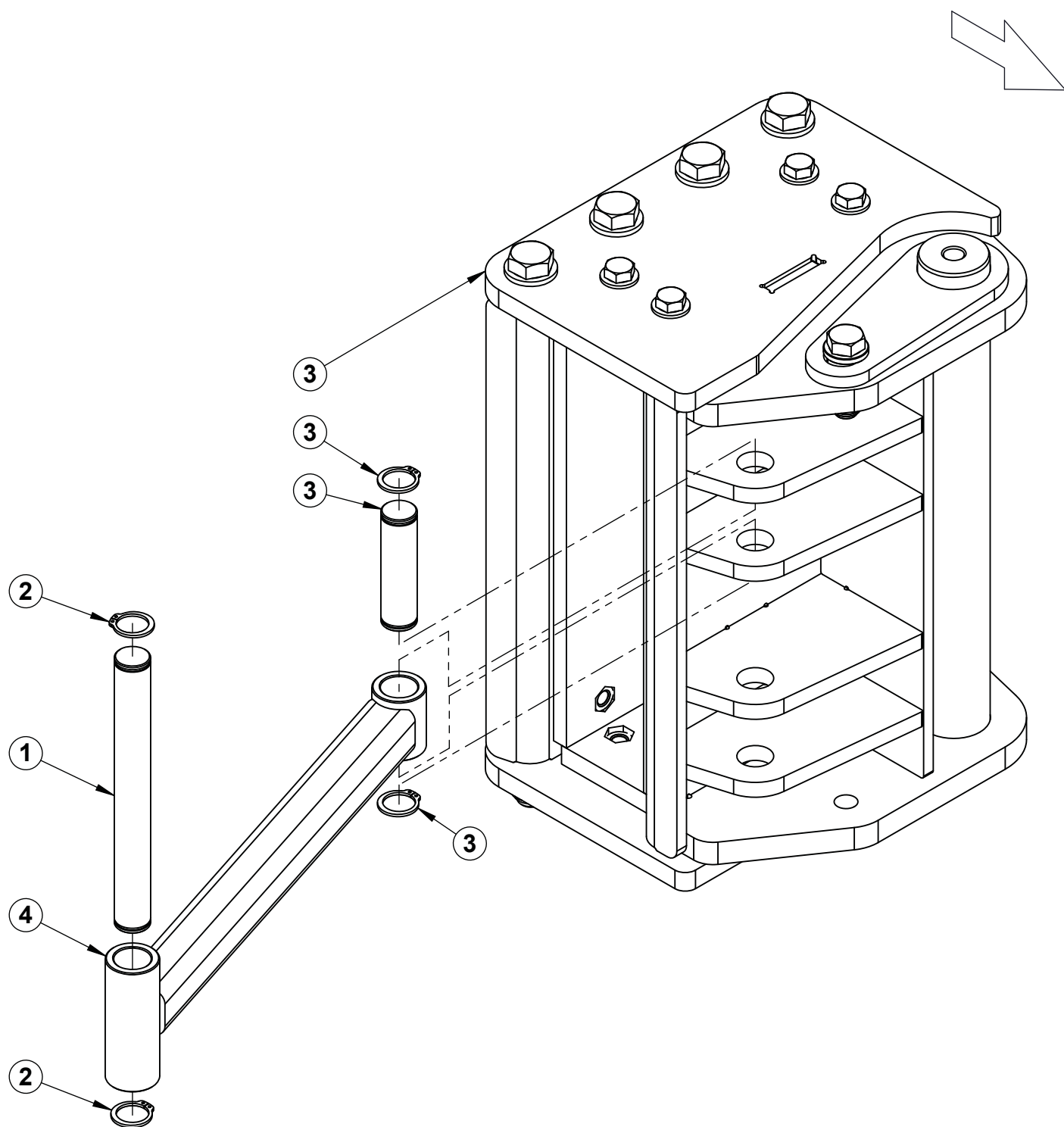


TA02001 Assy, RH Wing Side Shift

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	AD-04MFS-04MFS-BH90	Adapter, 04MFS-04MFS BH 90	2	
2	AD-04MFS-08MB-90	Adapter 04MFS-08MB-90	2	
3	PIN-1.000X8.625Y	Pin, 1x8-5/8 YZ	1	
4	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	2	
5	T0054455	Harness, 48R15 Wing	1	
6	TA01238	Cylinder, Hyd 3.50X7.25 Sens	1	
7	TA01686	Assy, RH Gate Mount	1	
8	TA01702	Harness, Side Shift	1	
9	HS04-015-04FS-04FS90-A	Hose 0.250-015-04FS-04FS90-A	2	

Note:

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

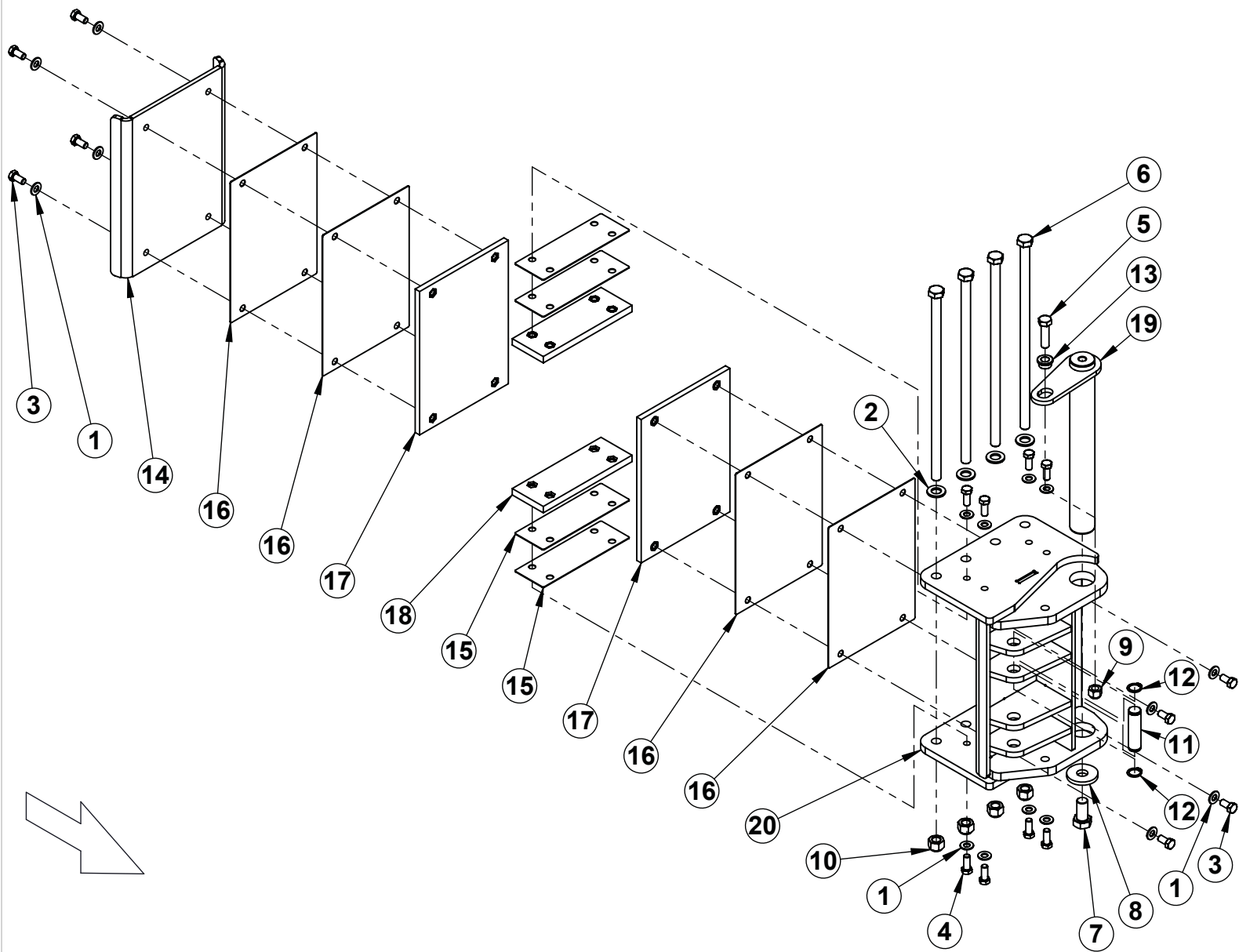


TA02080 Assy, RH Fixed Side Shift

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	PIN-1.000X8.625Y	Pin, 1x8-5/8 YZ	1	
2	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	2	
3	TA01686	Assy, RH Gate Mount	1	
4	TW001486	Wldmt, Short Side Shift Link	1	

Note:

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

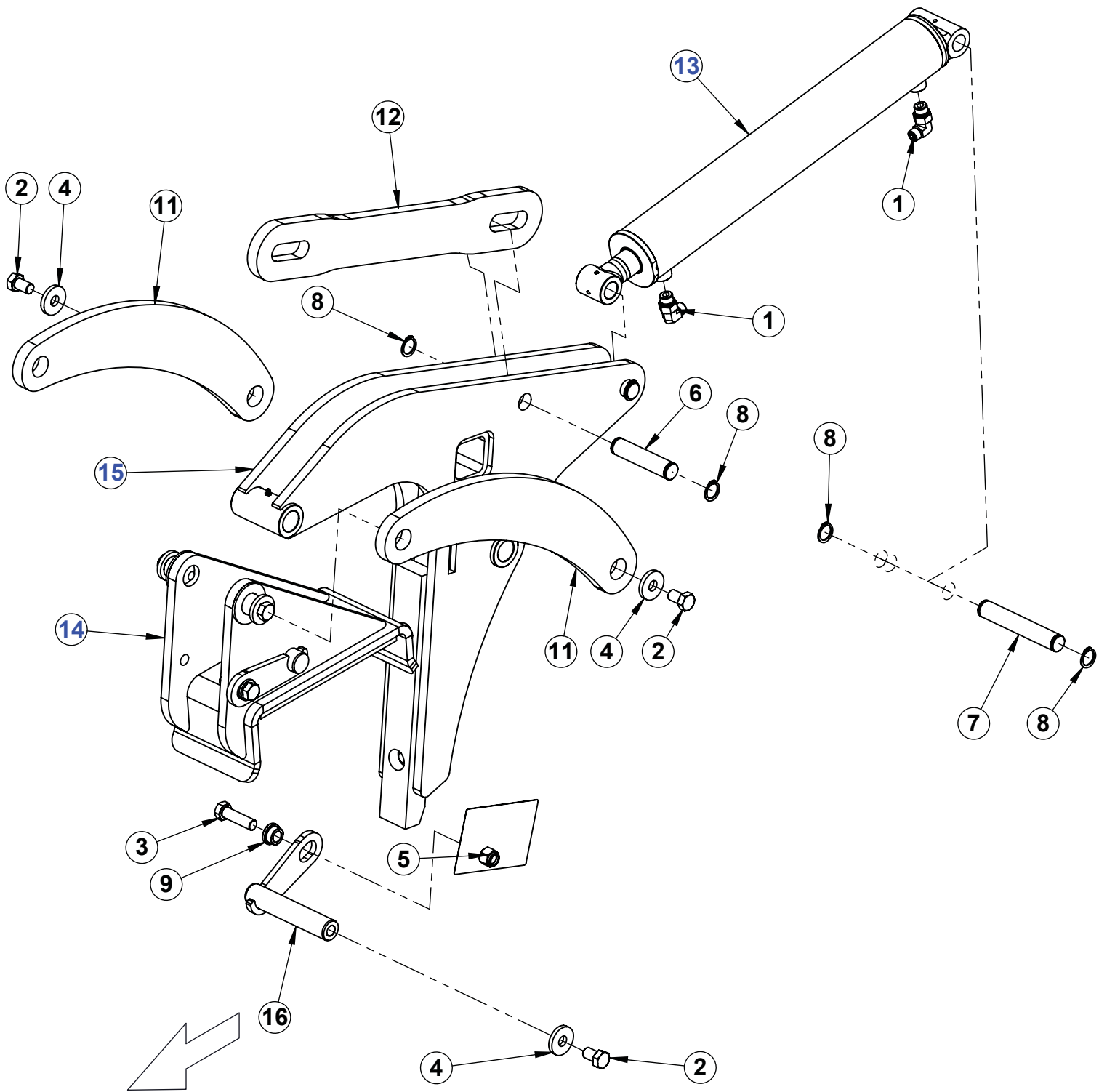


TA01686 Assy, RH Gate Mount

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	16	
2	FW-SAE-0.750Y	Washer, Flat SAE 3/4 YZ	4	
3	HB-0.500-13X1.00Y8	Bolt, Hex Hd 1/2-13x1 YZ8	8	
4	HB-0.500-13X1.25Y8	Bolt, Hex Hd 1/2-13x1-1/4 YZ8	8	
5	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	1	
6	HB-0.750-10x18.00Y8	Bolt, Hex Hd 3/4-10x18 YZ8	4	
7	HB-0.875-9X1.75Y8	Bolt, Hex Hd 7/8-9x1-3/4 YZ8	1	
8	HDWSH-0.89X2.50Y	HD Washer, 57/64x2-1/2 YZ	1	
9	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	1	
10	NLNUT-0.750-10Y8	Nylon Lock Nut, 3/4-10 YZ8	4	
11	PIN-1.000X3.38Y	Pin, 1x3-3/8 YZ	1	
12	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	2	
13	T0050854	Anti Rotation Insert	1	
14	T0055389	Plate, Gate Mount Back	1	
15	T0056153	Shim, Side Shift Top	4	
16	T0056154	Shim, Side Shift Front	4	
17	TA01684	Assy, Gate Slider Pad	2	
18	TA01685	Assy, Gate Slider Pad	2	
19	TW000794	Pin Weldment	1	
20	TW001326	Wldmt, Gate Mount	1	

Note:

1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified).
2. * Items marked with an asterisk are items that are included in that particular part or assembly.
3. Use Items 15 and 16 when needed.

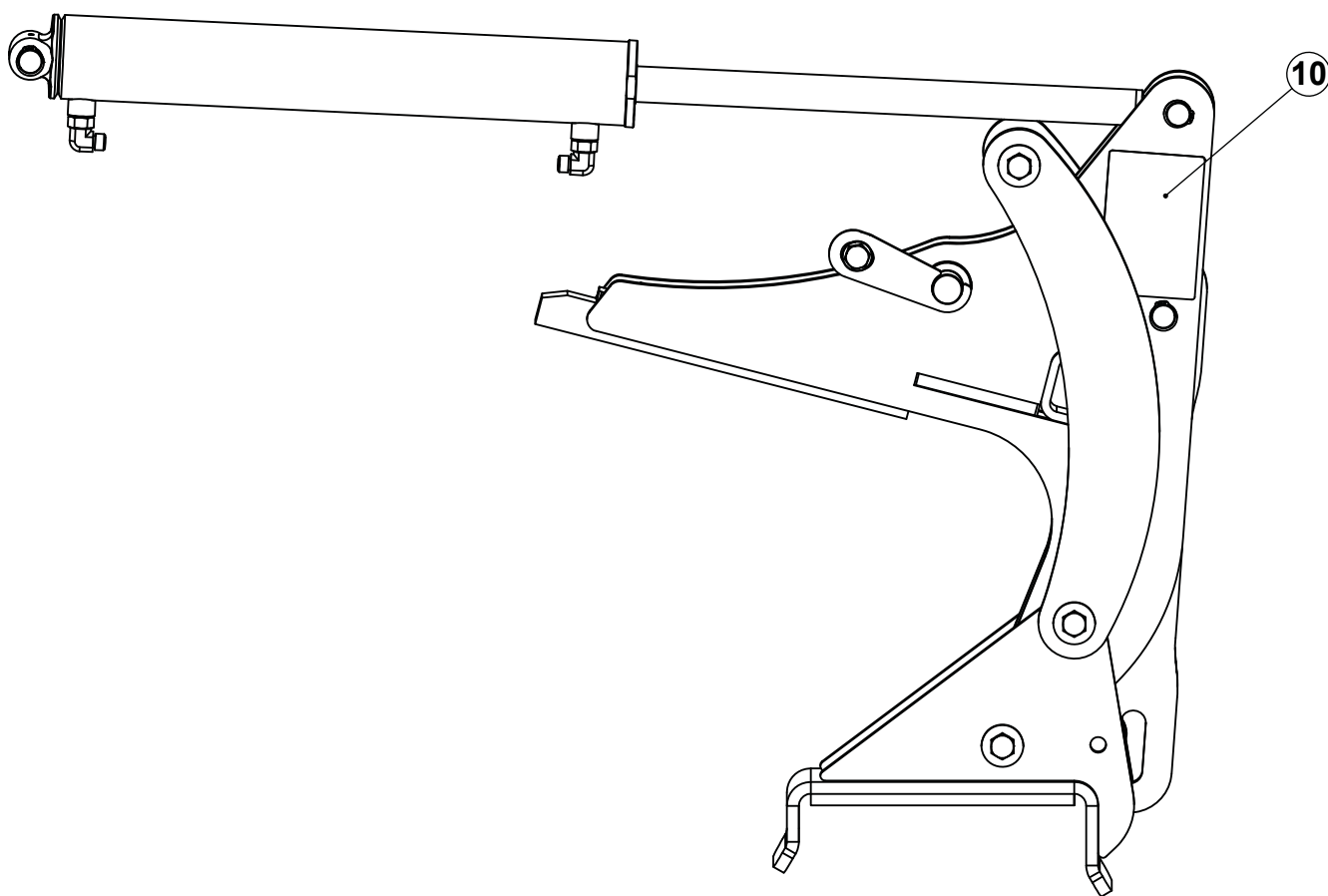


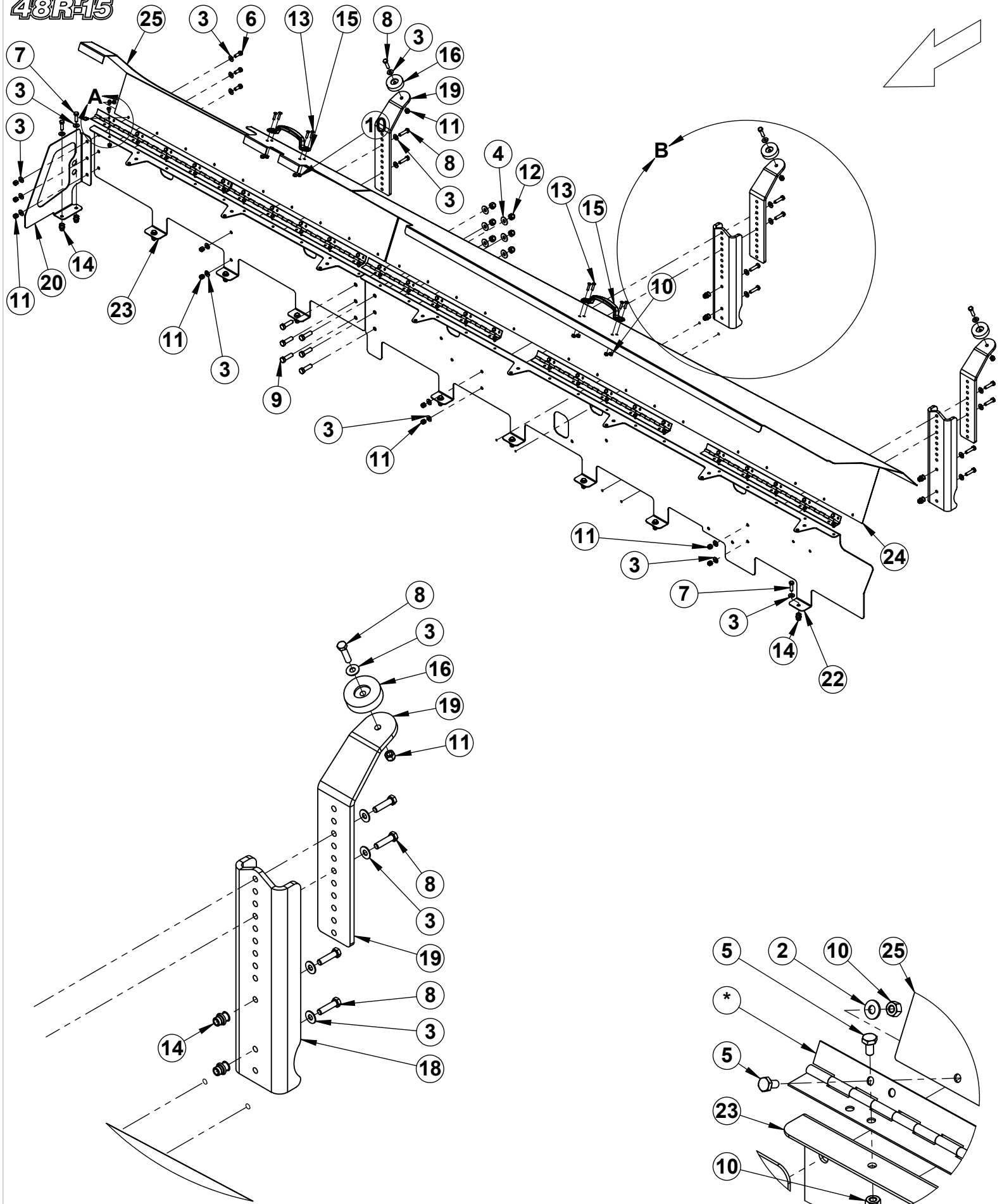
TA01924 Assy, RH Wing Lift

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	AD-06MFS-08MB-90	Adapter, 06MFS-08MB 90	2	
2	HB-0.625-11X1.00Y8	Bolt, Hex Hd 5/8-11x1 YZ8	3	
3	HB-0.625-11X2.25Y8	Bolt, Hex Hd 5/8-11x2-1/4 YZ8	1	
4	HDWSH-0.64X1.75Y	HD Washer 41/64x1-3/4 YZ	3	
5	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	1	
6	PIN-1.000X4.13Y	Pin, 1x4-1/8 YZ	1	
7	PIN-1.000X5.75Y	Pin, 1x5-3/4 YZ	1	
8	SRING-EXT-HD-1.00Y	Retaining Ring, External 1 HD YZ	4	
9	T0050854	Anti Rotation Insert	1	
10	T0052802	Decal, Warn-Crush Haz Lift Cyl	1	
11	T0055674	Linkage, Wing Lift	2	
12	T0056238	Linkage, Transport Lock 48R15	1	
13	TA00963	Cylinder, Hyd 3.00X20.00	1	
14	TA00979	Assy, Wing Engagement	1	
15	TA00980	Wing Lift Assy	1	
16	TW000906	Pin Weldment	1	

Note:

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





DETAIL B
SCALE 1 : 8

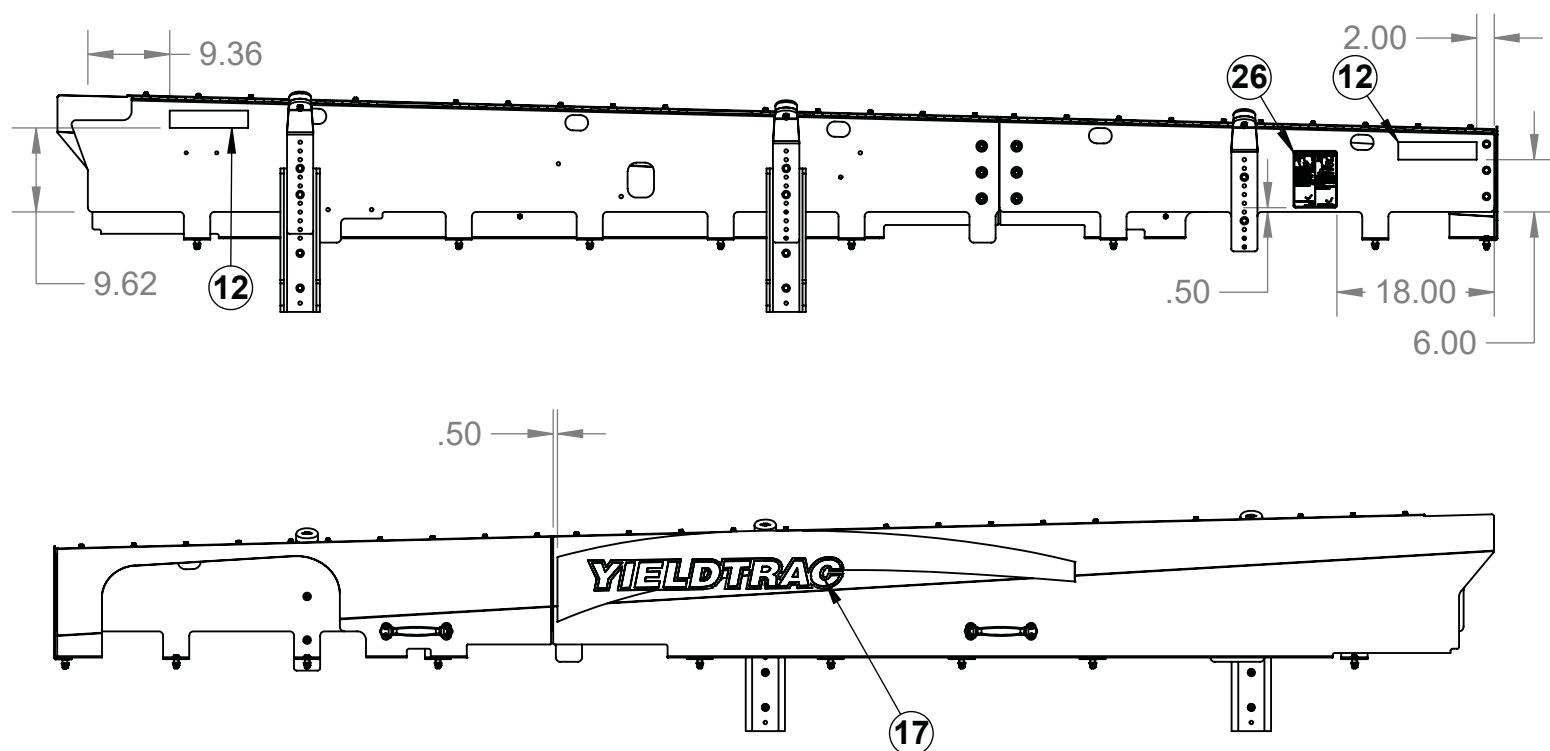
DETAIL A
SCALE 1 : 4

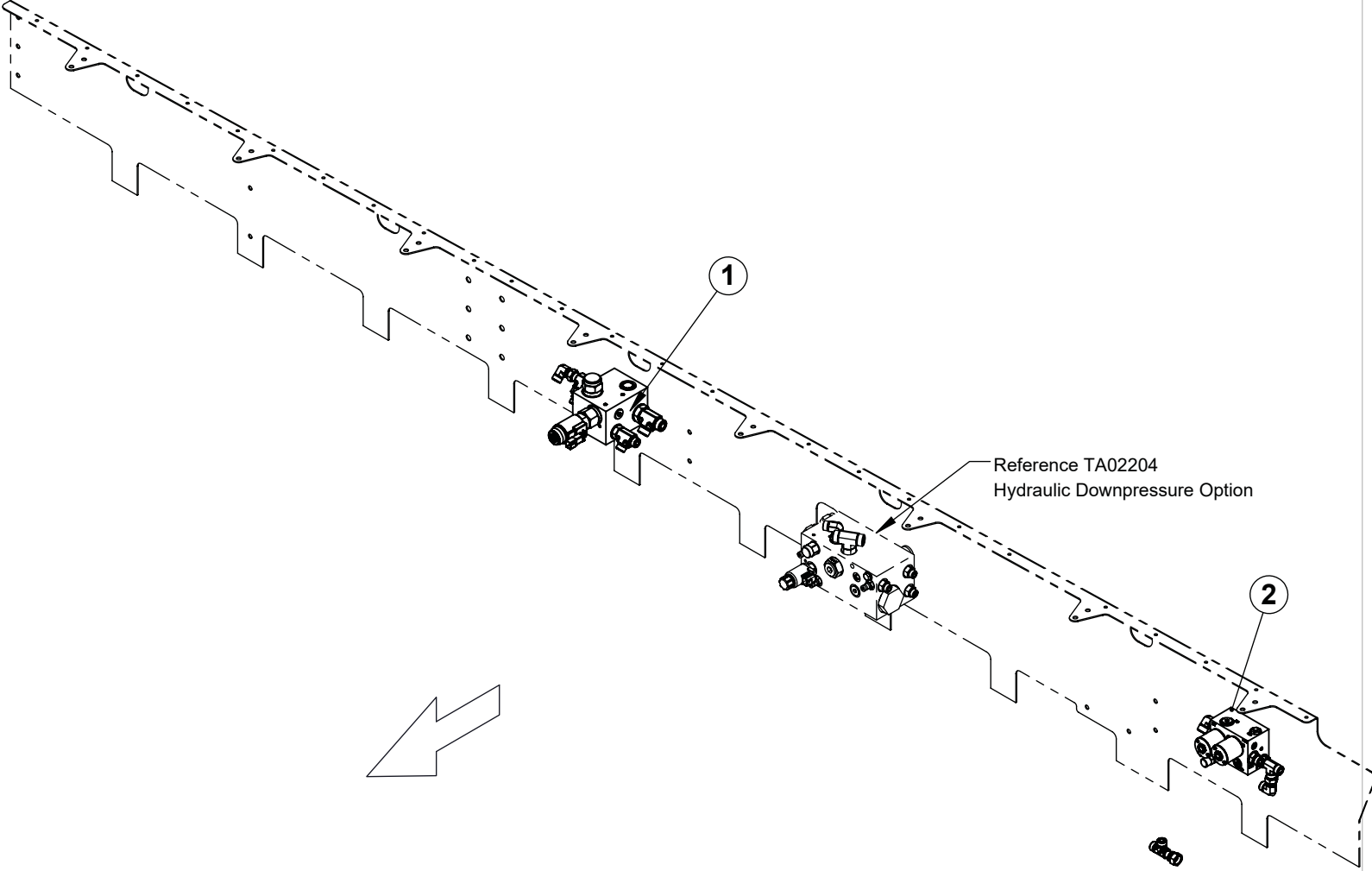
TA02249 Assy, 48R15 RH Wing Shield

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	90-44-0410	Decal, Reflector, Yellow-2x9	2	
2	FW-SAE-0.250Y	Washer, Flat SAE 1/4 YZ	25	
3	FW-USS-0.313Y	Washer, Flat USS 5/16 YZ	35	
4	FW-USS-0.438Y	Washer, Flat USS 7/16 YZ	6	
5	HB-0.250-20X0.50Y8	Bolt, Hex Hd 1/4-20x1/2 YZ8	50	
6	HB-0.375-16X1.00Y8	Bolt, Hex Hd 3/8-16x1 YZ8	3	
7	HB-0.375-16X1.25Y8	Bolt, Hex Hd 3/8-16x1-1/4 YZ8	10	
8	HB-0.375-16X1.50Y8	Bolt, Hex Hd 3/8-16x1-1/2 YZ8	13	
9	HB-0.500-13X1.75Y8	Bolt, Hex Hd 1/2-13x1-3/4 YZ8	6	
10	NLNUT-0.250-20Y8	Nylon Lock Nut, 1/4-20 YZ8	58	
11	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	12	
12	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	6	
13	OHPMS-.250-20X1.00SS	Screw, Phillips Oval Hd 1/4-20x1 SS	8	
14	RN-0.375-16-.31-.44-Y	Rivet Nut, 3/8-16x0.31-0.44 YZ	14	
15	T0051467	Handle	2	
16	T0051481	Rubber Stop	3	
17	T0051663	Decal, YieldTrac With Arch RH	1	
18	T0054582	Shield Mount	2	
19	T0054583	Mount, Shield Bumper	3	
20	T0056111	Cap, 48R15 RH Shield End	1	
21	T0056182	Decal, Warning Row Unit Lift Lock	1	
22	T0056598	Panel, 48R15 RH Inner Back	1	
23	T0056599	Panel, 48R15 RH Outer Back	1	
24	T0056600	Shield, 48R15 RH Wing Inner	1	
25	T0056601	Shield, 48R15 RH Wing Outer	1	
26	TA00851	Piano Hinge	5	

Note:

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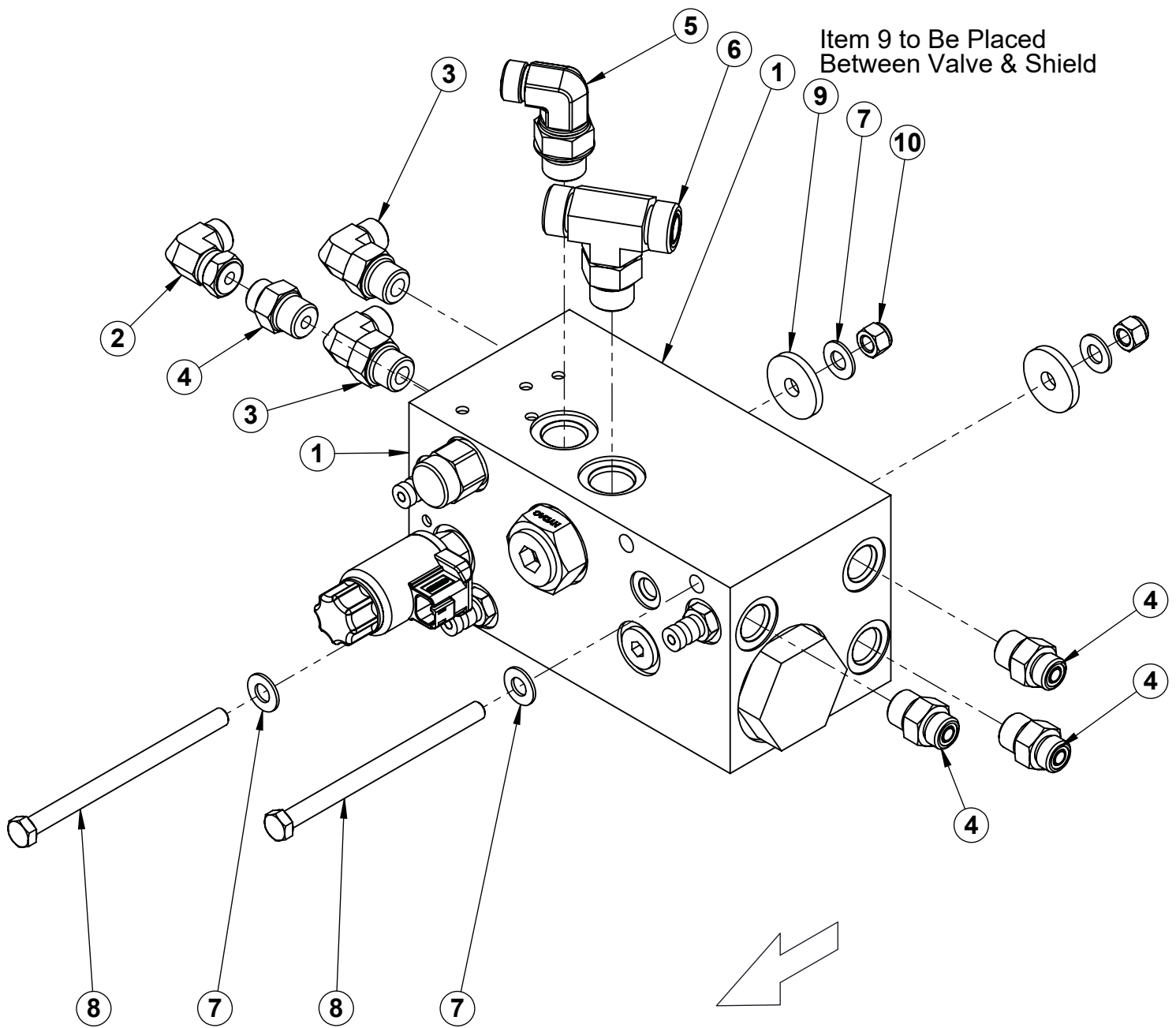


TA02252 Assy, 48R15 RH Wing Hyd. valves

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA02193	Assy, Hyd. Valve	1	
2	TA01889	Assy, Row Lift Valve	1	

Note:

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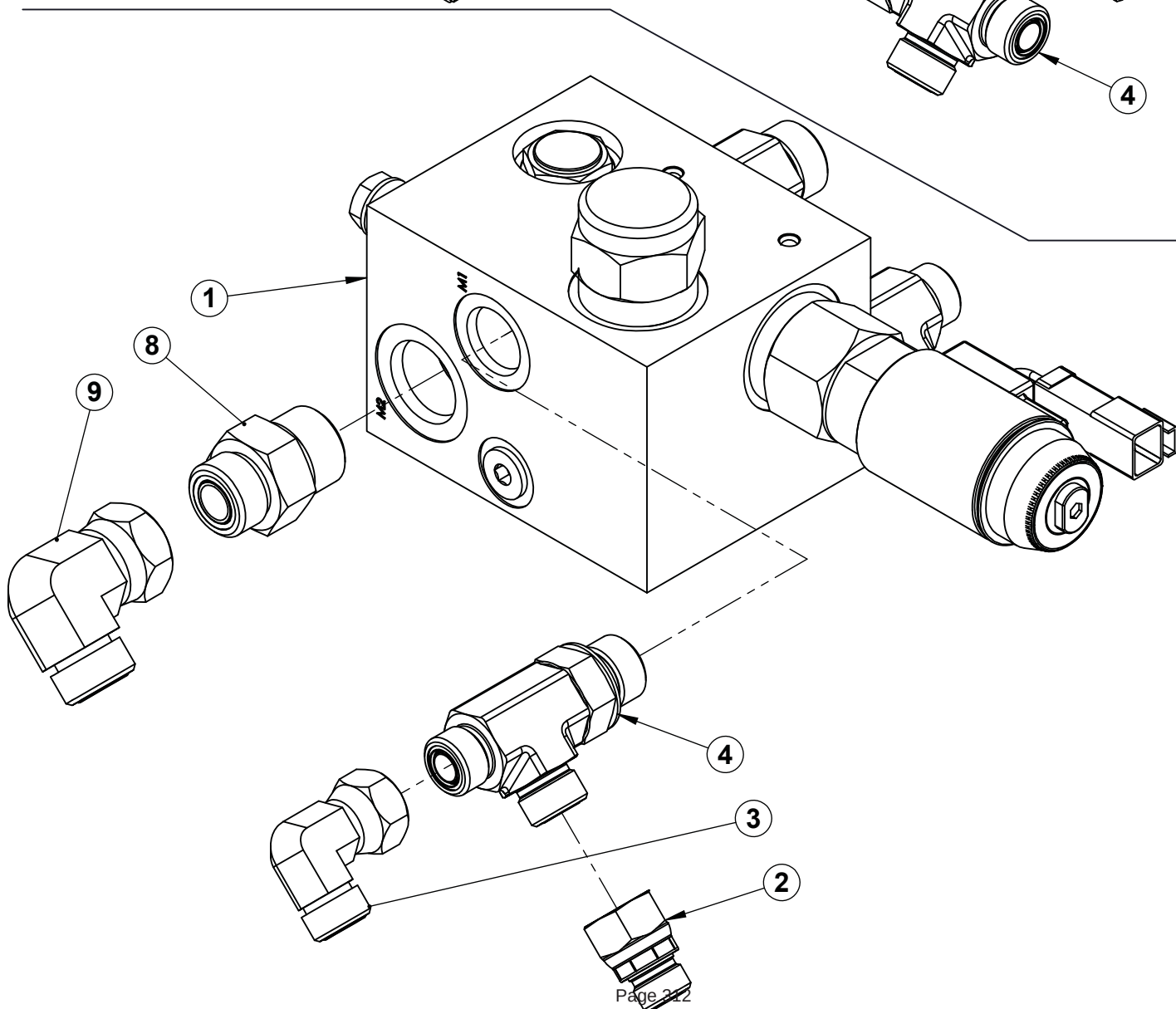
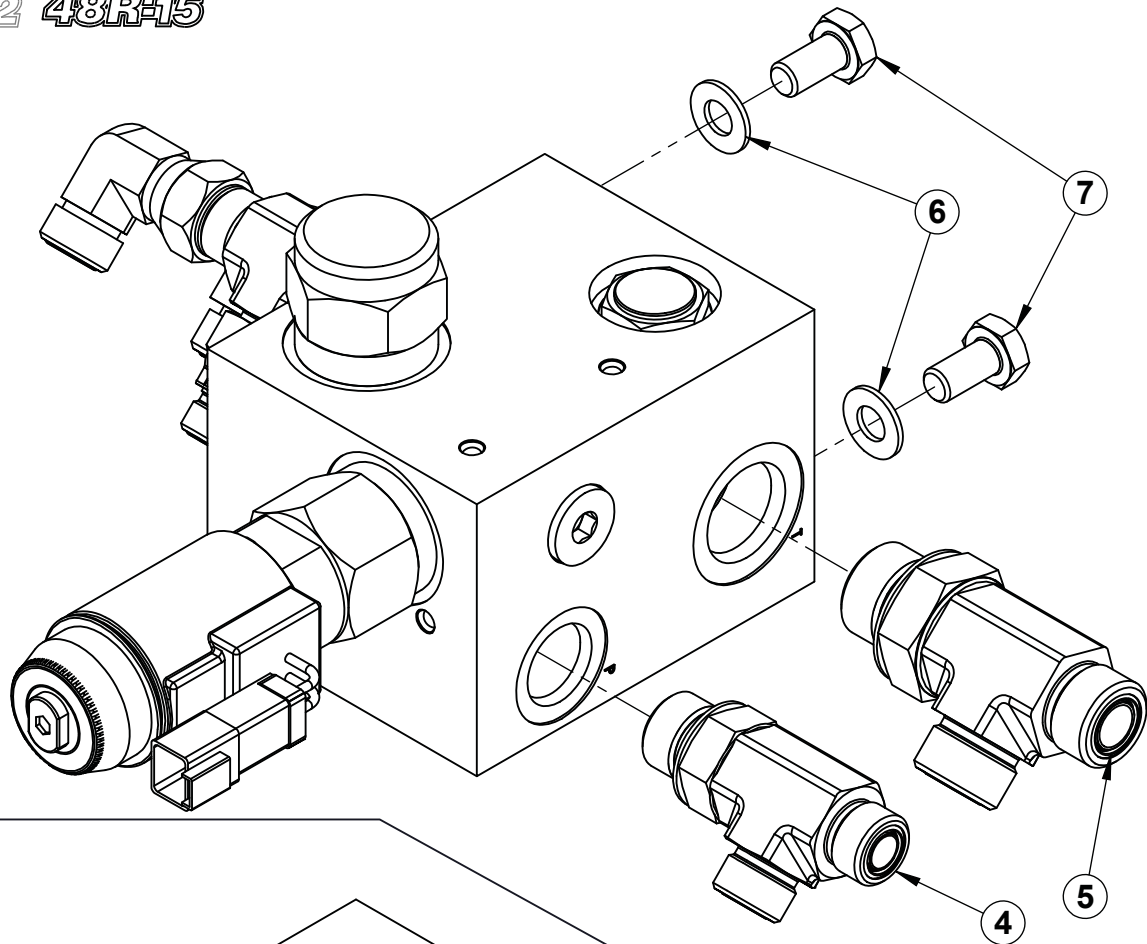


TA02204 Assy, Delta Force Valve (Crary Fan)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	T0056557	Delta Force Manifold	1	
2	AD-06MFS-06FST-90	Adapter, 06MFS-06FST 90	1	
3	AD-06MFS-08MB-90	Adapter, 06MFS-08MB 90	2	
4	AD-06MFS-08MB	Adapter, 06MFS-08MB	4	
5	AD-08MFS-10MB-90	Adapter, 08MFS-10MB 90	1	
6	AD-10MFS-10MFS-10MB	Adapter, 10MFS-10MFS-10MB Tee	1	
7	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	4	
8	HB-0.375-16X5.50Y8	HBolt-0.3750-16x5.500-YZ8	2	
9	HDWSH-0.375X1.375Y	HD Washer, 3/8x1-3/8 YZ	2	
10	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	2	

Note:

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

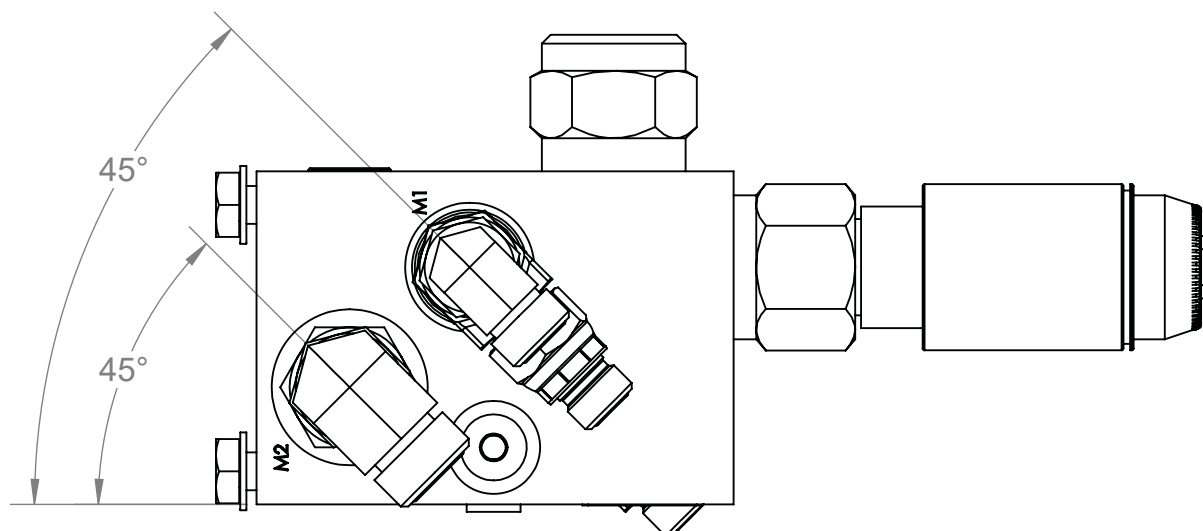
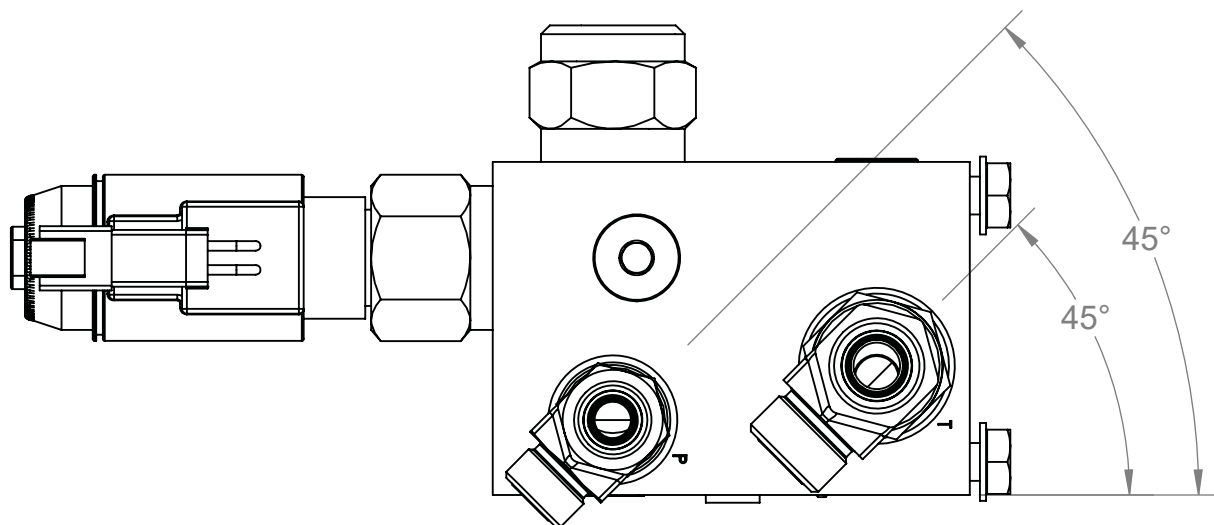


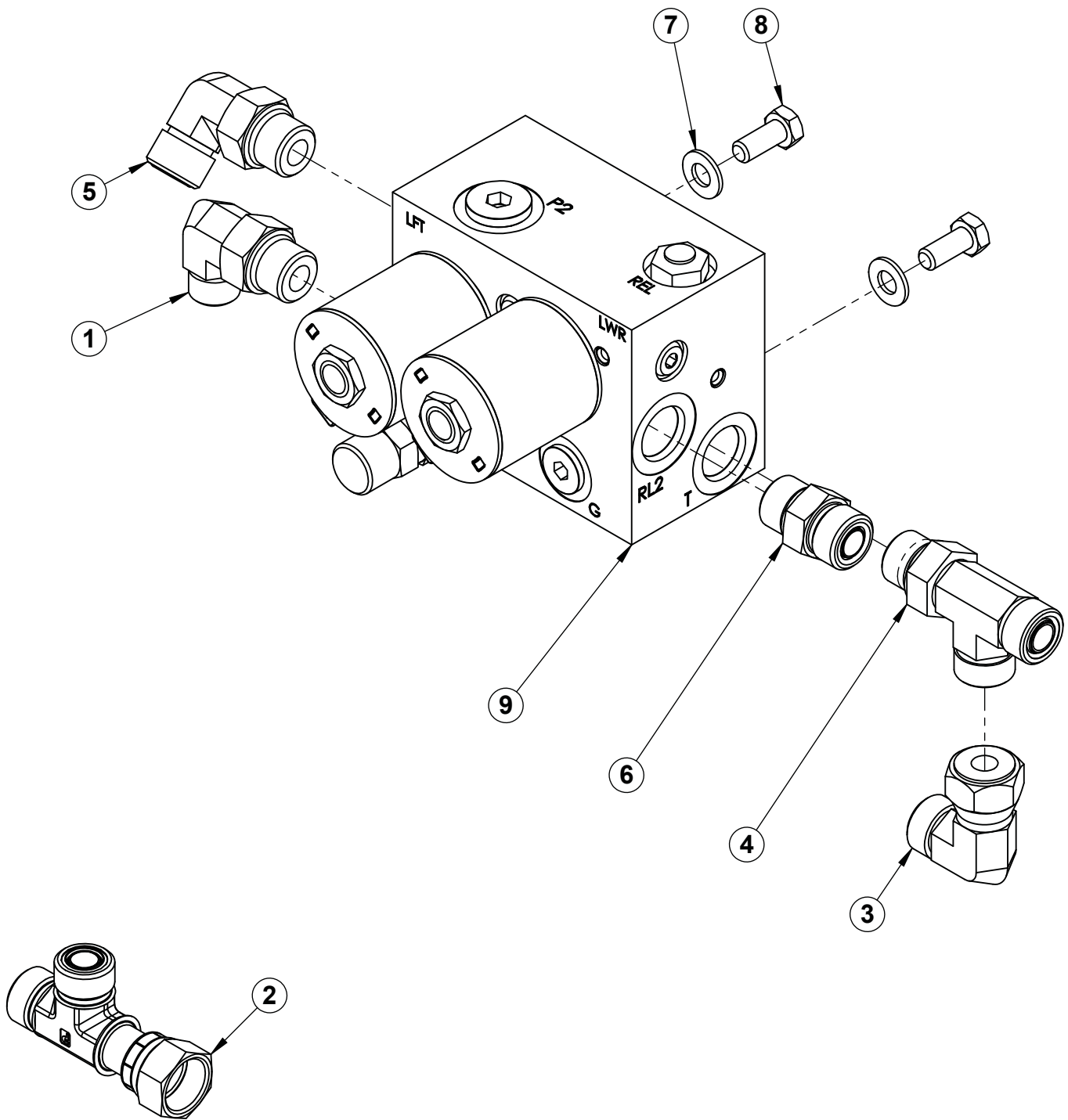
TA02193 Assy, Hyd. Valve

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	47919040	Fan Control Valve	1	
2	AD-06MFS-08FST	Adapter, 06MFS-08FST	1	
3	AD-08MFS-08FST-90	Adapter, 08MFS-08FST 90	1	
4	AD-08MFS-10MB-08MFS	Adapter, 08MFS-10MB-08MFS Tee	2	
5	AD-10MFS-12MB-10MFS	Adapter, 10MFS-12MB-10MFS Tee	1	
6	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	2	
7	HB-M10-1.5x20-Y10.9	Bolt, Hex Hd M10-1.5x20 YZ10.9	2	
8	AD-10MFS-12MB	AD-10MFS-12MB	1	
9	AD-10MFS-10FST-90	Adapter, 10MFS-10FST 90	1	

Note:

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



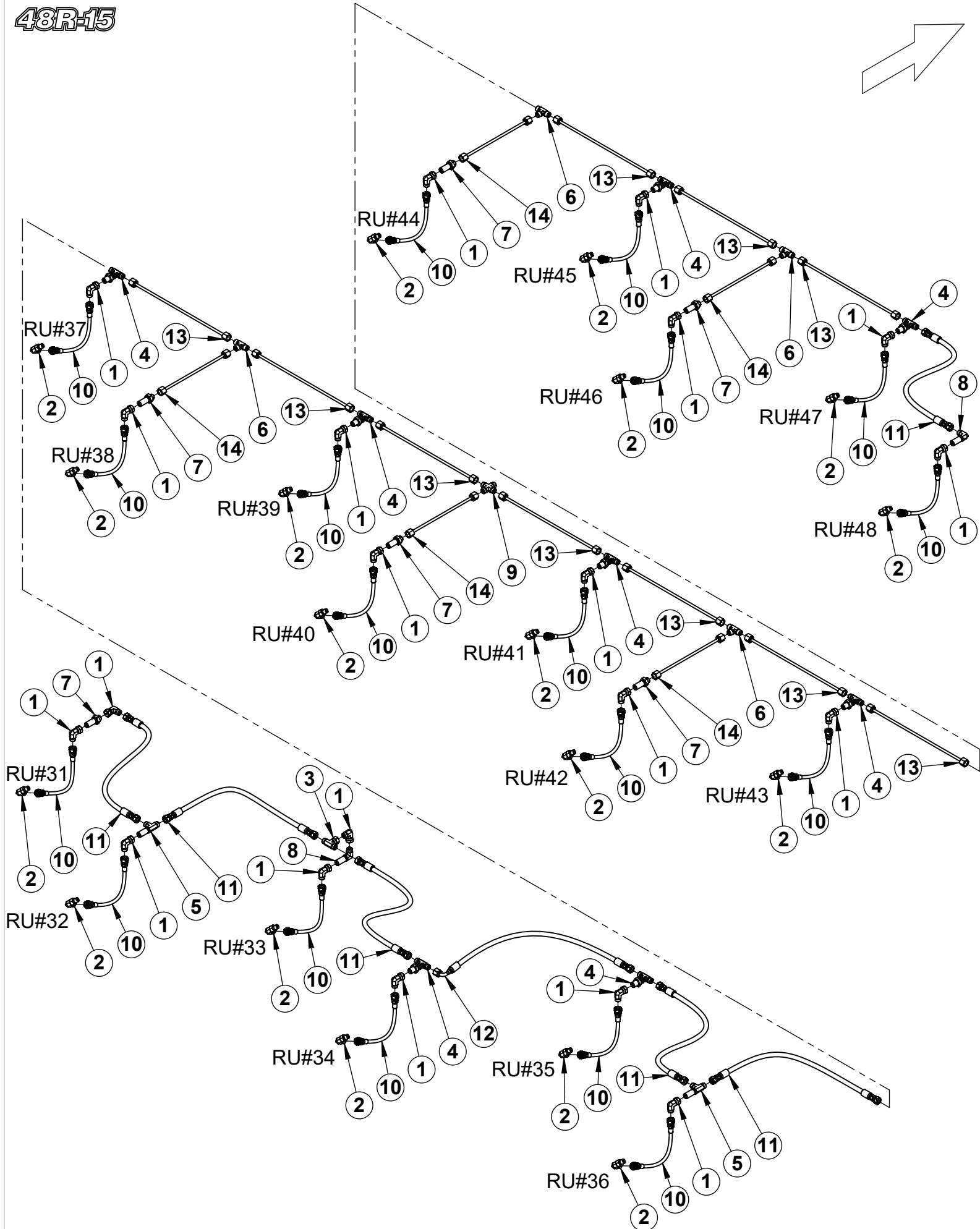
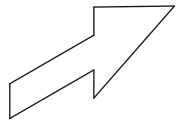


TA01889 Assy, Row Lift Valve

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	AD-06MFS-08MB-90	Adapter, 06MFS-08MB 90	1	
2	AD-08MFS-08FST-08MFS	Adapter, 08MFS-08FST-08MFS Tee	1	
3	AD-08MFS-08FST-90	Adapter, 08MFS-08FST 90	1	
4	AD-08MFS-08MB-08MFS	Adapter, 08MFS-08MB-08MFS Tee	1	
5	AD-08MFS-08MB-90	Adapter, 08MFS-08MB 90	1	
6	AD-08MFS-08MB	Adapter, 08MFS-08MB	1	
7	FW-SAE-0.313Y	Washer, Flat SAE 5/16 YZ	2	
8	HB-0.313-18X0.75Y8	Bolt, Hex Hd 5/16-18x3/4 YZ8	2	
9	T0055885	Valve, Row Lift	1	

Note:

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

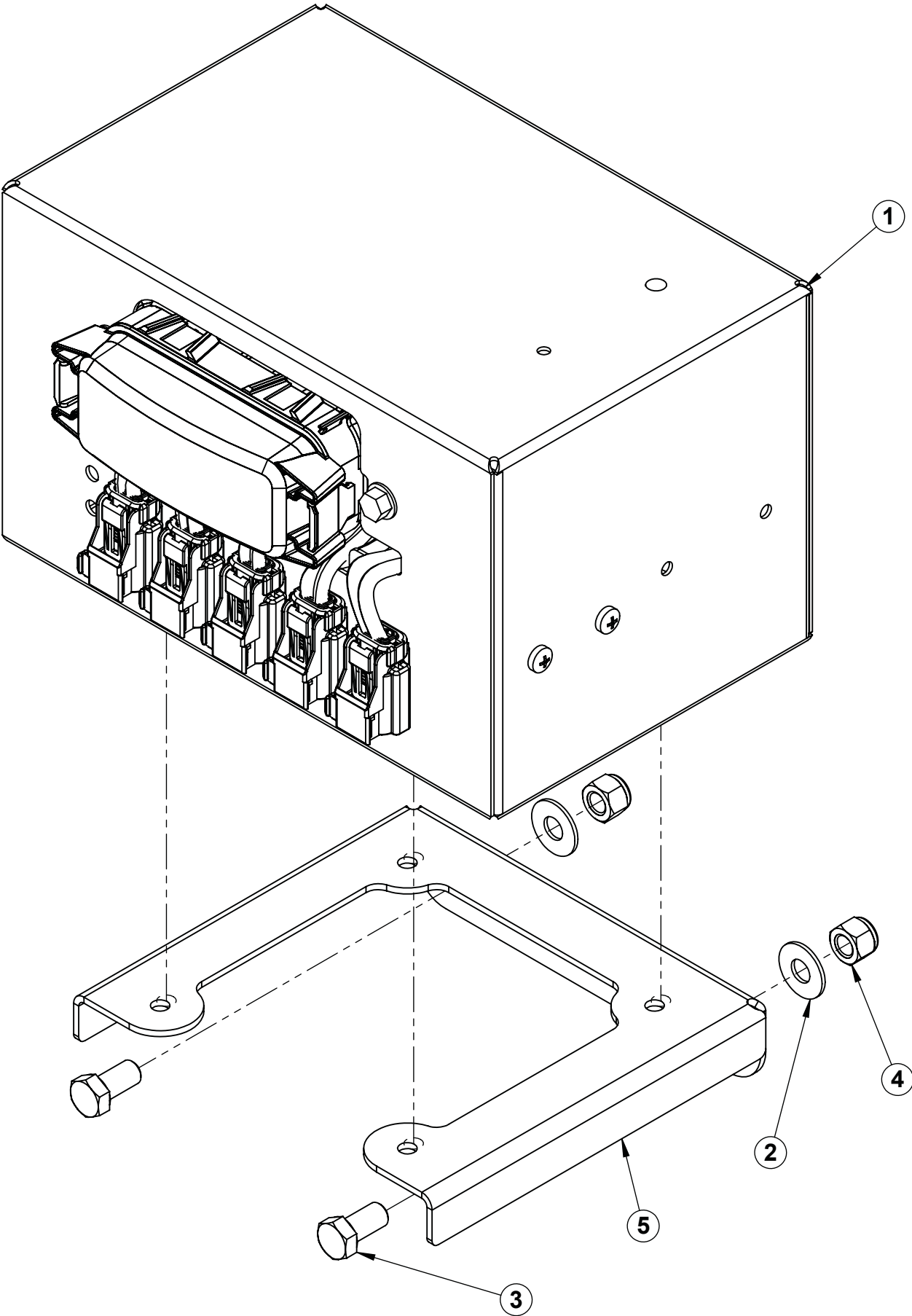


TA01987 Assy, 48R15 RH RU Lift Hose Routing

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	AD-04MFS-04FST-90	Adapter, 04MFS-04FST 90	20	
2	AD-04MFS-04MB-90	Adapter, 04MFS-04MB 90	18	
3	AD-04MFS-04MFS-04FST	Adapter, 04MFS-04MFS-04FST Tee	1	
4	AD-04MFS-04MFS-04MFS-BH	Adapter, 04MFS-04MFS-04MFS BH Tee	8	
5	AD-04MFS-04MFS-04MFS-BHR	Adapter, 04MFS-04MFS-04MFS BH Run	2	
6	AD-04MFS-04MFS-04MFS	Adapter, 04MFS-04MFS-04MFS Tee	4	
7	AD-04MFS-04MFS-BH	Adapter, 04MFS-04MFS BH	6	
8	AD-04MFS-04MFS-BH90	Adapter, 04MFS-04MFS BH 90	2	
9	AD-04MFS-CROSS	Adapter, 04MFS Cross	1	
10	HS02-009-04FS-04FS	Hose 0.125-009-04FS-04FS	18	
11	HS04-021-04FS-04FS-A	Hose 0.250-021-04FS-04FS-A	6	
12	HS04-023-04FS-04FS90-A	Hose 0.250-023-04FS-04FS90-A	1	
13	T0056083	Tube Assy, Row Lift 15" Spacing	10	
14	T0056093	Tube Assy, Row Lift 10" Setback	5	

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.



TA02006 Assy, RH Wing PDM

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	73368371	Assy, PDM	1	
2	FW-USS-0.313Y	Washer, Flat USS 5/16 YZ	2	
3	HB-0.375-16X0.75Y8	HBolt-0.3750-16x0.750-YZ8	2	
4	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	2	
5	T0056309	Bracket, PDM Mount	1	

Note:

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

TA02201 Operator's Package FF 2000 (All Models)

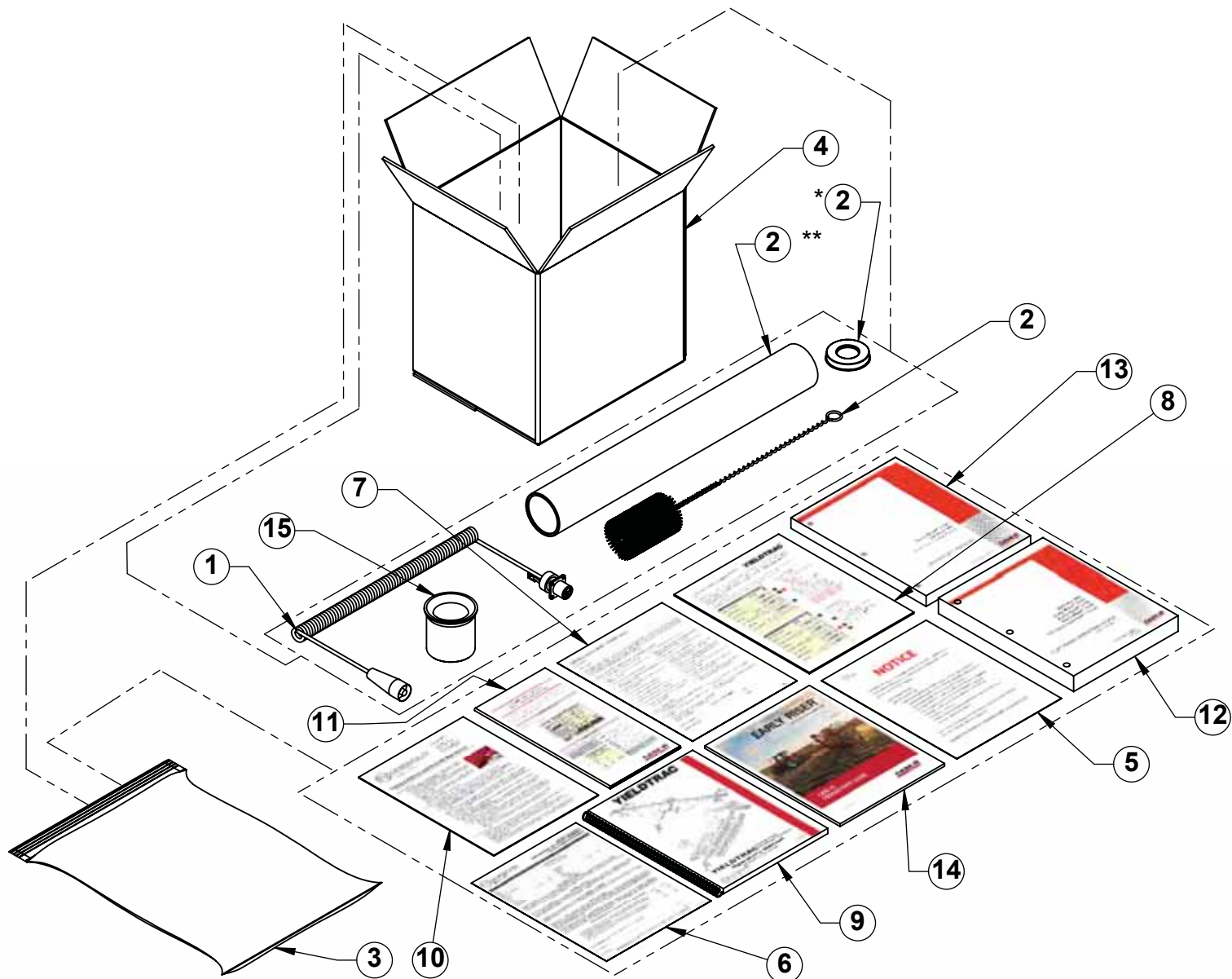
ITEM	PART NUMBER	DESCRIPTION	QTY.
1	1983416C2	Switch, Remote Calibration Tether (Included in CNH Fertilizer Kit)	1
2	346290A1	Brush, Seed Tube (Included in CNH UCM Kit)	1
3	T0051793	Bag, Recloseable-13"x18" 6Mil	1
4	T0051794	Box, Cardboard 12X10X12	1
5	T0052697	Notice, Track Alignment	1
6	T0055154	Form, WLL Agreement	1
7	T0056222	Chcklst, PDI&Startup	1
8	T0056308	Yieldtrac Frame Control QRG	1
9	T0056411	Manual, Operator's 2000 Series	1
10	T0056416	Instructions, Yieldtrac-Delivery & Warranty Registration	1
11	T0056576	Early Riser AFS QRC (2000)	1
12	T0056577	Planter Software Manual v31.* (2000)	1
13	T0056578	2150 24R Operator's Manual	1
14	T0056579	Early Riser Productivity Tips 2000	1

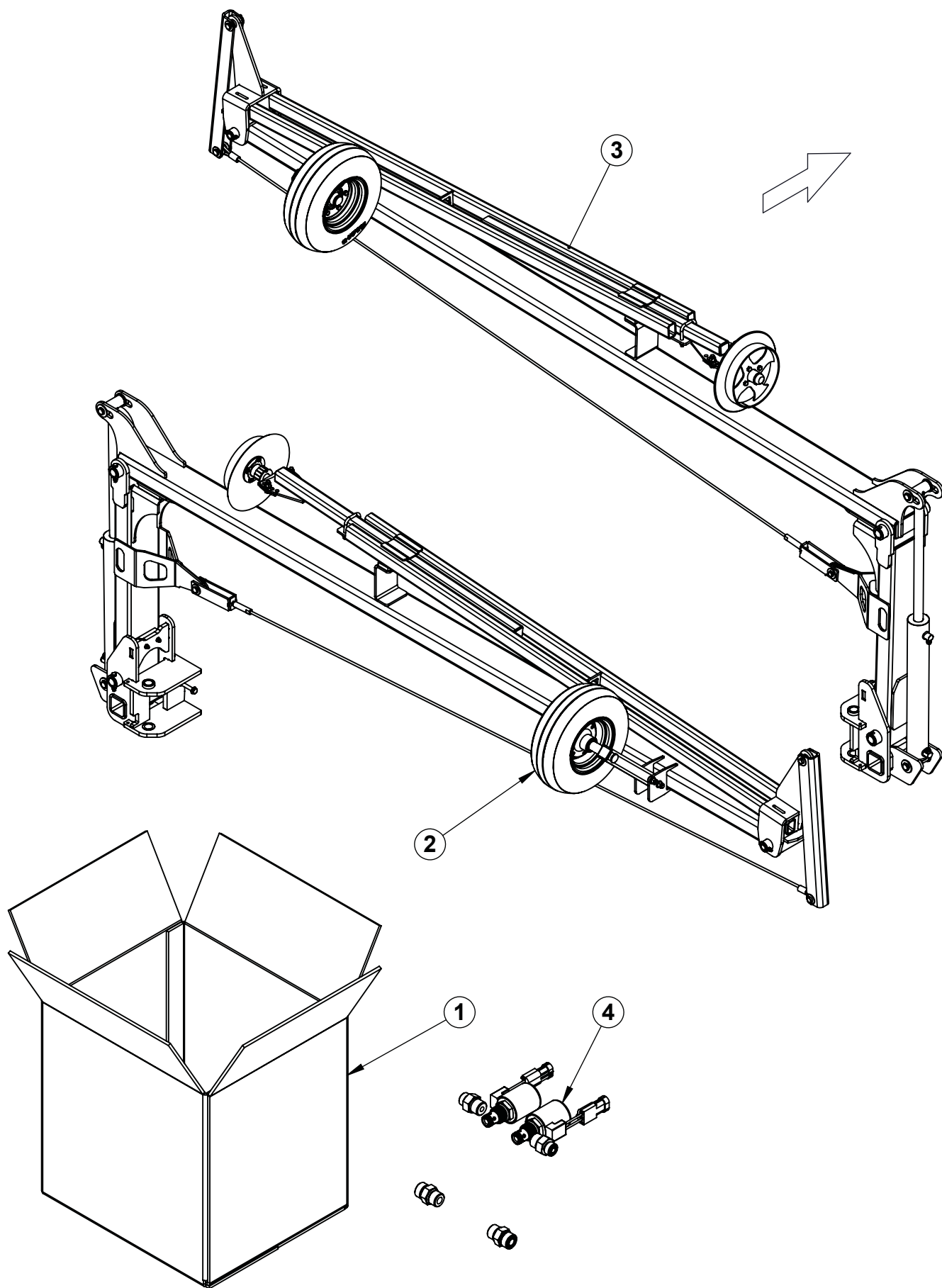
Optional Items (For 36-Row or Larger Planters With Cat. 5 Hitch)

15	90-42-1005	Bushing, Flanged CAT 5 For 2.00" Dia. Drawpin	1
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* Denotes that the cap comes with the seed tube brush.

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



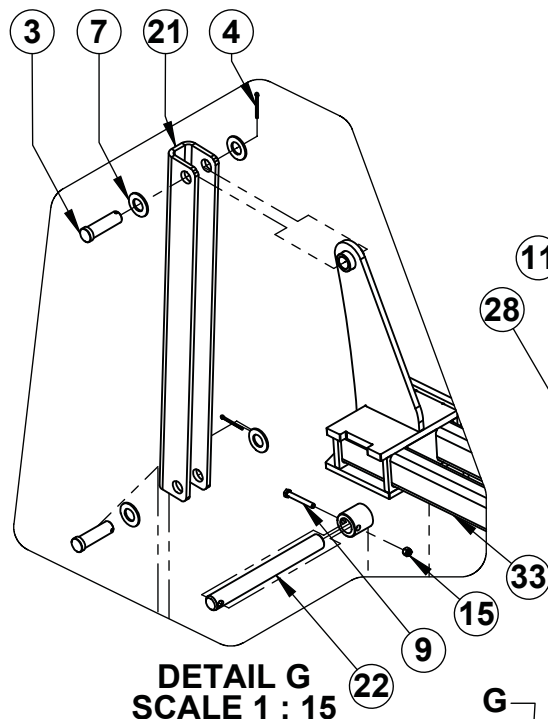


TA02225 Option, 60' Markers

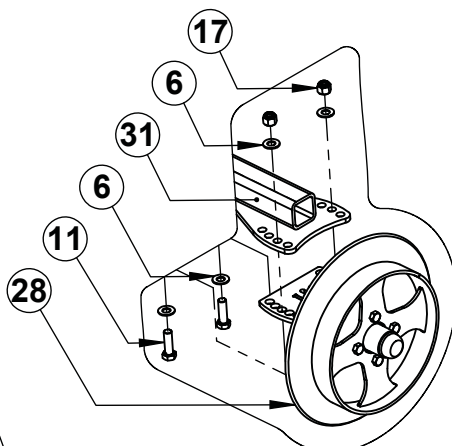
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA02094	Hose Kit, 60' Marker (ORFS)	1	
2	TA02226	Assy, 60' Marker Kit (LH)	1	
3	TA02227	Assy, 60' Marker Kit (RH)	1	
4	TA02231	Assy, 60'/66' Marker Kit - Lift & Fold Valve Adapters	1	

Note:

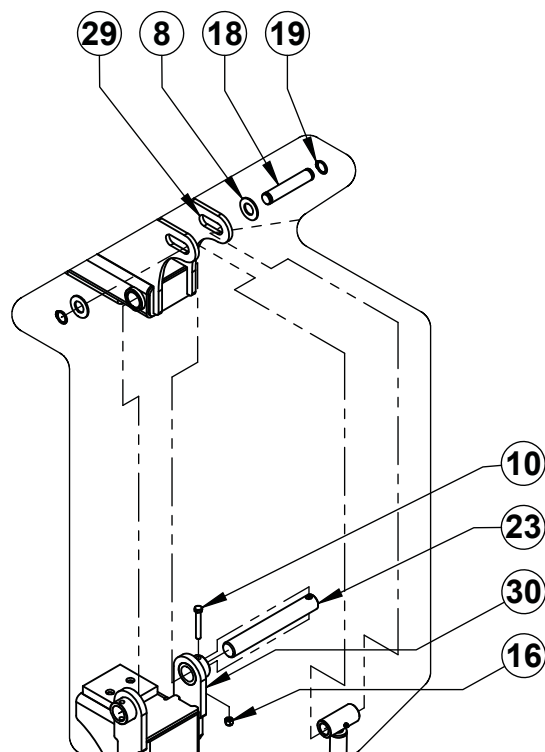
1. * The items indicated are shown for reference only, and must be assembled during final assembly.
2. ** The assemblies indicated are for illustrative purposes only and are not intended to be assembled in this sequence.



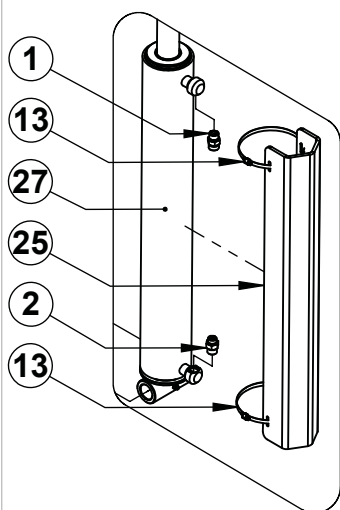
DETAIL G
SCALE 1 : 15



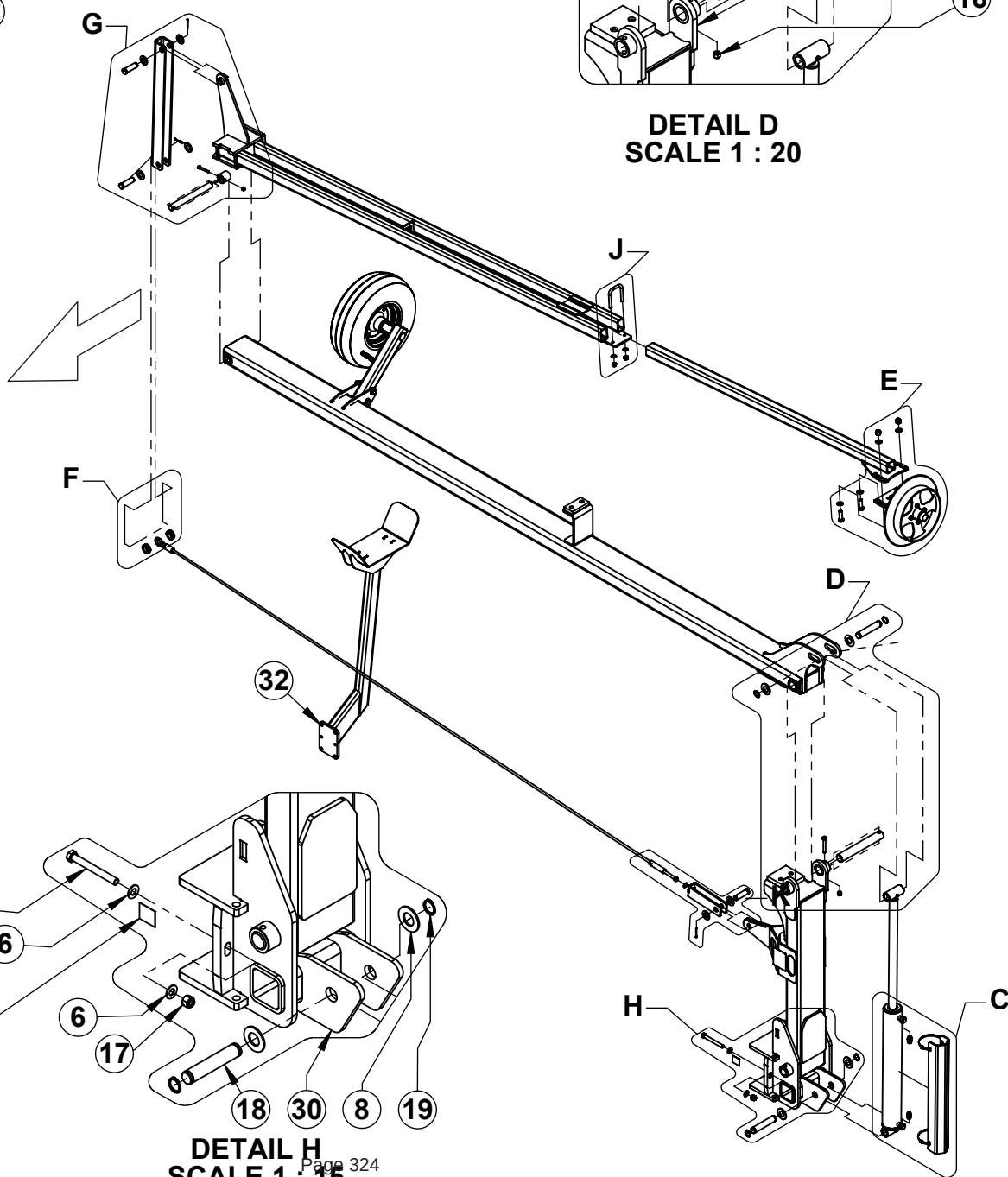
DETAIL E
SCALE 1 : 15



DETAIL D
SCALE 1 : 20



DETAIL C
SCALE 1 : 15



Place T0056443 at wing end, on front side of wing tube.

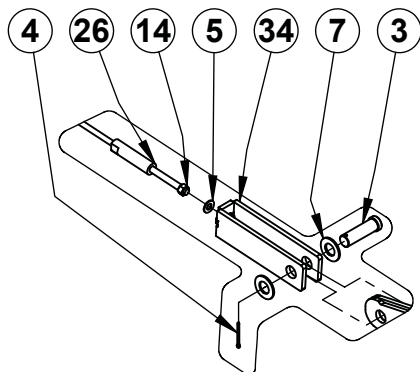
DETAIL H
SCALE 1 : 15

TA02226 Assy, 60' Marker Kit (LH)

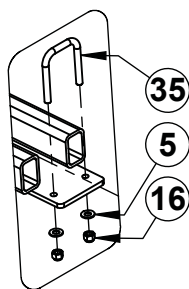
ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	47939006	Adapter, 08MFS-08MB .063 One-Way Orifice	1	
2	AD-06MFS-08MB	Adapter, 06MFS-08MB	1	
3	CLPIN-1.000X3.25Y	Clevis Pin, 1x3.25 YZ	3	
4	CTPIN-0.156X2.00	Cotter Pin, 5/32x2	3	
5	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	3	
6	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	6	
7	FW-SAE-1.000Y	Washer, Flat SAE 1 YZ	6	
8	FW-SAE-1.250Y	Washer, Flat SAE 1-1/4 YZ	4	
9	HB-0.375-16X2.75Y8	Bolt, Hex Hd 3/8-16x2-3/4 YZ8	1	
10	HB-0.500-13X3.50Y8	Bolt, Hex Hd 1/2-13x3-1/2 YZ8	1	
11	HB-0.625-11X2.00Y8	Bolt, Hex Hd 5/8-11x2 YZ8	2	
12	HB-0.625-11X5.50Y8	Bolt, Hex Hd 5/8-11x5-1/2 YZ8	1	
13	HCLMP-SAE-512SS	Hose Clamp, SAE #512 SS	2	
14	HNUT-0.500-20B8	Nut, Hex 1/2-20 B8	1	
15	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	1	
16	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	3	
17	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	3	
18	PIN-1.250X5.81Y	Pin-1.250x5.813-YZ	2	
19	SRING-EXT-HD-1.25Y	Retaining Ring, External 1-1/4 HD YZ	4	
20	T0052464	Decal, Row Marker Bolt Torque	1	
21	T0056443	Channel, 60'/66' Marker Kit Cable Link	1	
22	T0056457	Pin, Marker Outer Arm	1	
23	T0056458	Pin, Marker Upper Pivot	1	
24	T0056460	Spacer, Marker Kit Cable Spacer	2	
25	T0056489	Channel, 60'/66' Marker Cylinder Guard	1	
26	TA01233	Assy, 60'/66' Marker Kit Cable	1	
27	TA02216	Cylinder, Hyd 3.50x26.38 (Marker)	1	
28	TA02228	Assy, Marker Kit Disc Mount	1	
29	TA02256	Assy, 60' Marker Mid Arm (LH)	1	
30	TA02260	Assy, 60'/66' Marker Base & Inner Arm (LH)	1	
31	TW001033	Wldmt, 36R22 Marker Ext.	1	
32	TW001166	Wldmt, Marker Support	1	
33	TW001523	Wldmt, 60'/66' Marker Kit Outer Arm	1	
34	TW001530	Wldmt, 60' Marker Cable Mount	1	
35	UB-0.50X3.0X4.0-SY8	U-Bolt, Square 1/2-13x3x4 YZ8	1	

Note:

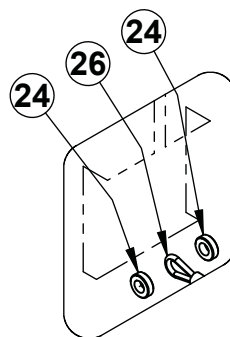
1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



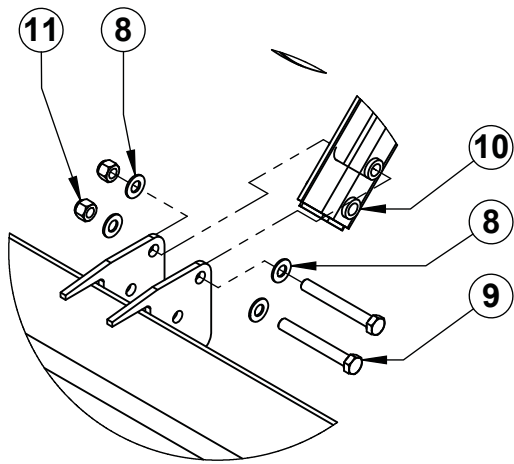
DETAIL K
SCALE 1 : 15



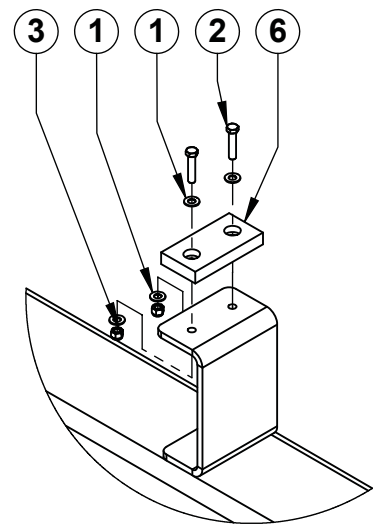
DETAIL J
SCALE 1 : 15



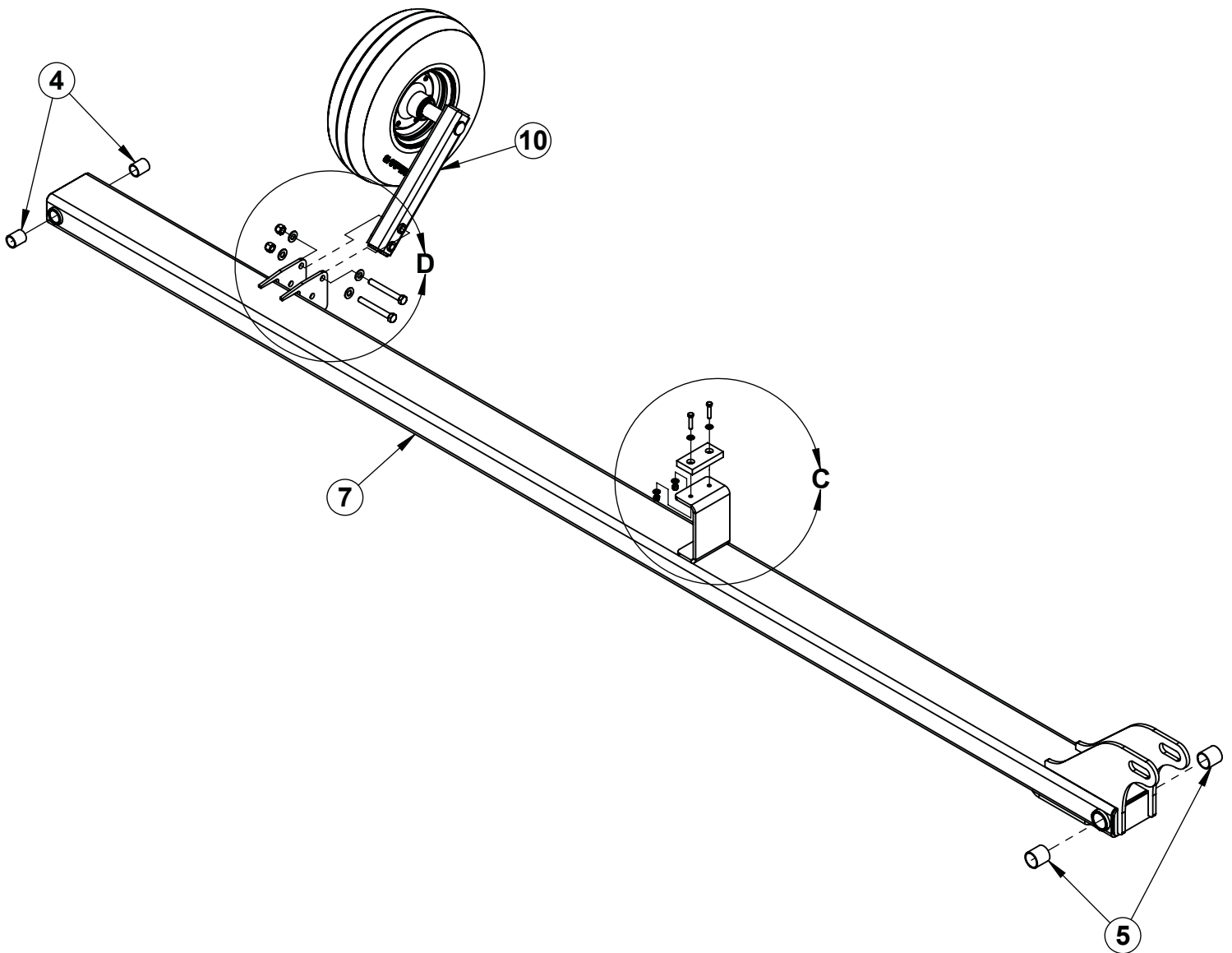
DETAIL F
SCALE 1 : 15



DETAIL D
SCALE 1 : 10



DETAIL C
SCALE 1 : 10

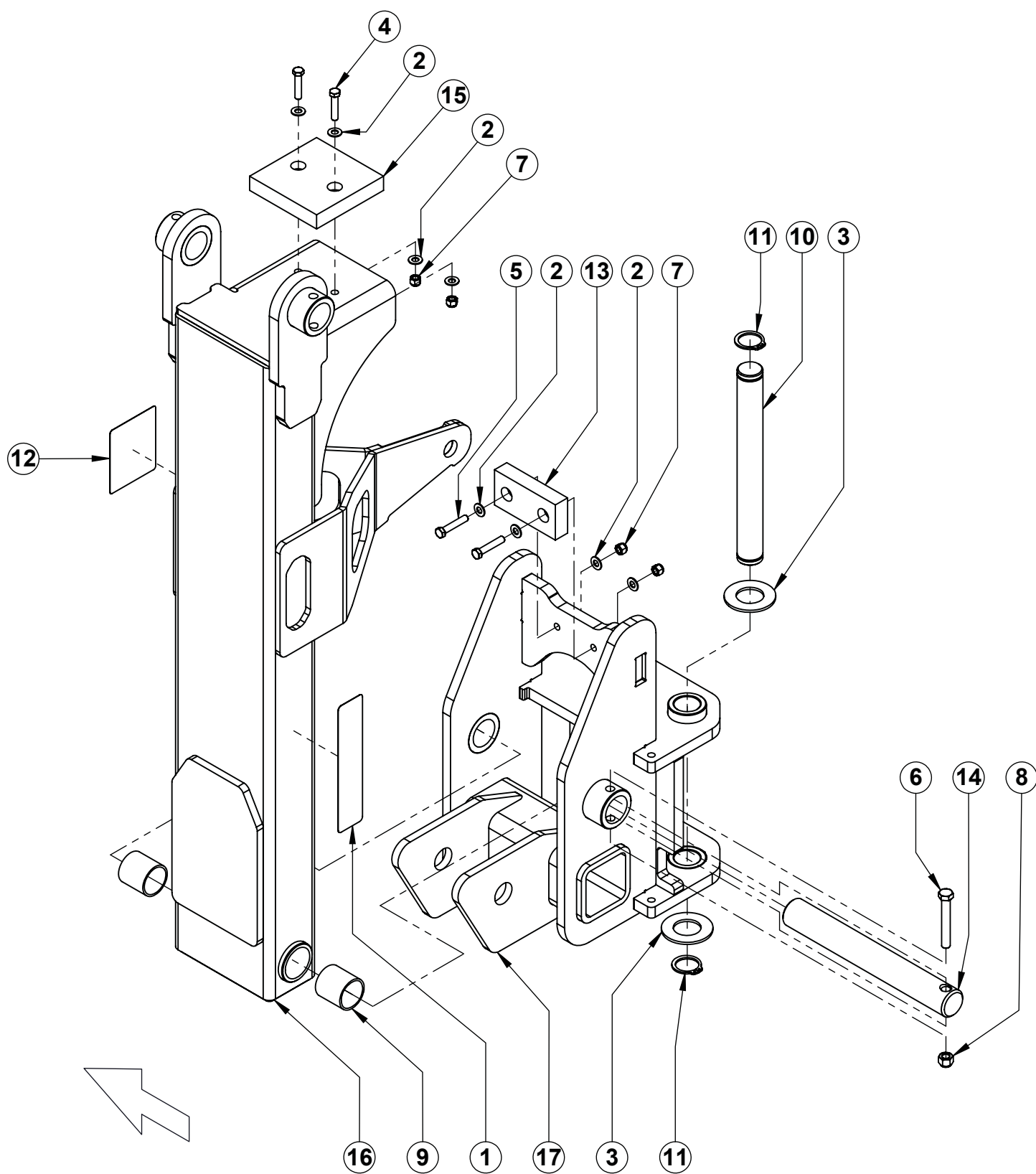


TA02256 Assy, 60' Marker Mid Arm (LH)

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	4	
2	HB-0.375-16X1.75Y8	Bolt, Hex Hd 3/8-16x1-3/4 YZ8	2	
3	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	2	
4	PB-1.250X1.500X1.75	Bushing, Composite 1.25x1.50x1.75	2	
5	PB-1.750X2.000X2.00	Bushing, Composite 1.75x2x2	2	
6	T0056484	Bumper, Marker Mid Arm Bumper	1	
7	TW001526	Wldmt, 60' Marker Mid Arm (LH)	1	
8	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	4	
9	HB-0.625-11X5.00Y8	Bolt, Hex Hd 5/8-11x5 YZ8	2	
10	TA02223	Assy, Marker Kit Wheel Mount Assy	1	
11	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	2	

Note:

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

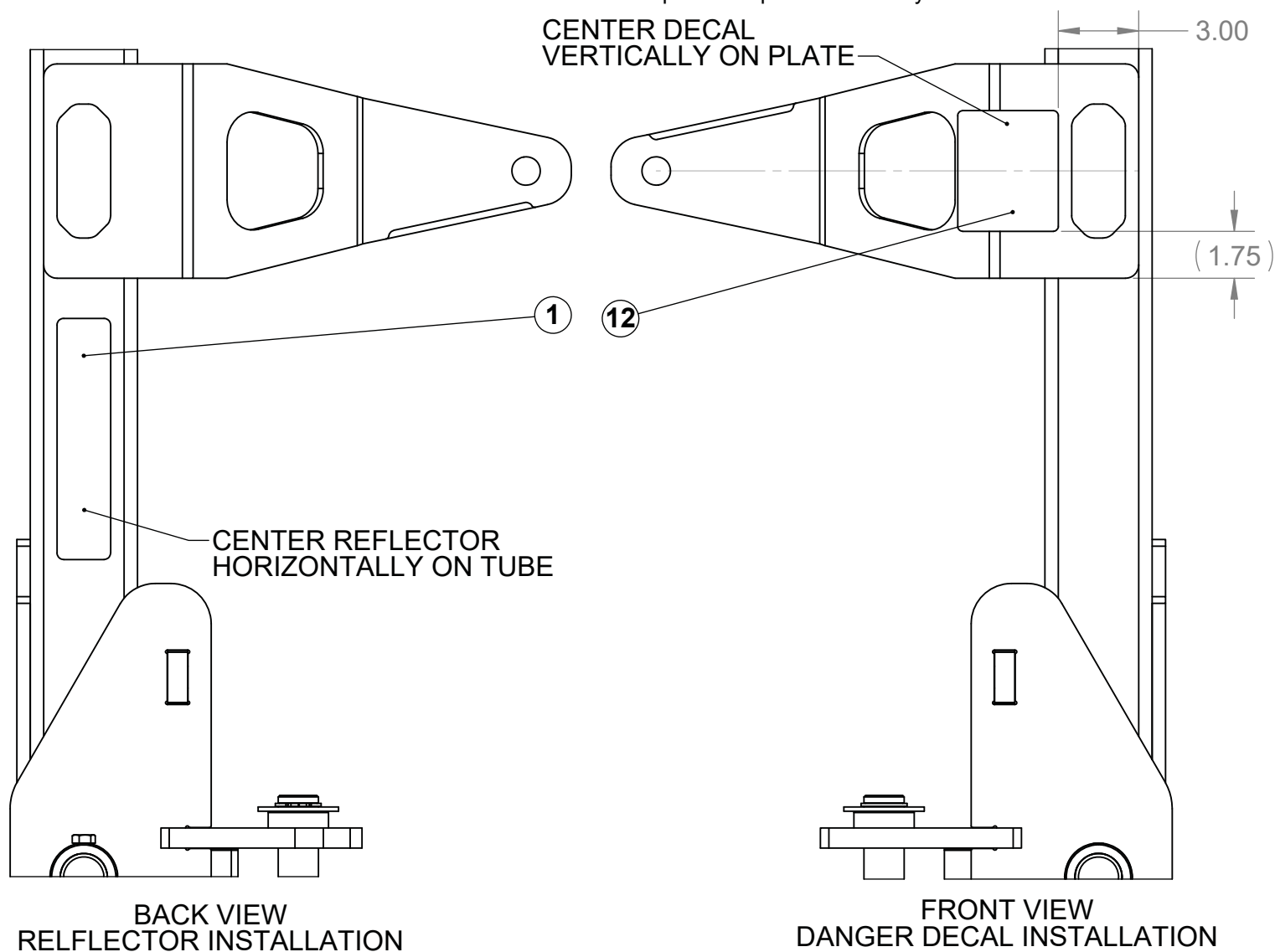


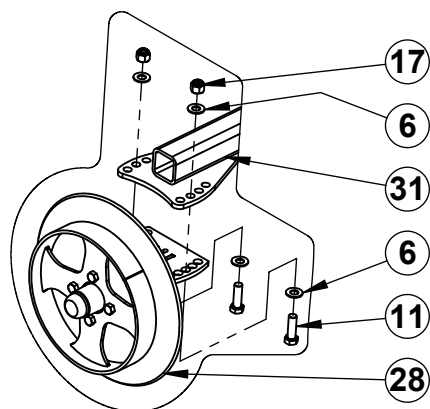
TA02260 Assy, 60'/66' Marker Base & Inner Arm (LH)

ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	90-44-0410	Decal, Yellow Retroreflective	1	
2	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	8	
3	FW-SAE-1.500Y	Washer, Flat SAE 1-1/2 YZ	2	
4	HB-0.375-16X1.75Y8	Bolt, Hex Hd 3/8-16x1-3/4 YZ8	2	
5	HB-0.375-16X2.00Y8	Bolt, Hex Hd 3/8-16x2 YZ8	2	
6	HB-0.500-13X3.50Y8	Bolt, Hex Hd 1/2-13x3-1/2 YZ8	1	
7	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	4	
8	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	1	
9	PB-1.750X2.000X2.00	Bushing, Composite 1.75x2x2	2	
10	PIN-1.50X12.69Y	Pin, 1-1/2 x 12-11/16 YZ	1	
11	SRING-EXT-HD-1.50Y	Retaining Ring, External 1-1/2 HD YZ	2	
12	T0051591	Decal, Danger-Warn Marker	1	
13	T0056455	Bumper, Marker Lower	1	
14	T0056456	Pin, Marker Lower Pivot	1	
15	T0056469	Bumper, Marker Upper	1	
16	TW001520	Wldmt, 60'/66' Marker Kit Arm Wldmt	1	
17	TW001521	Wldmt, Marker Kit Arm Base (LH)	1	

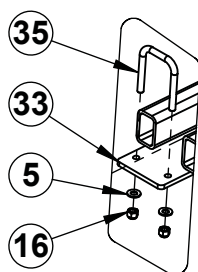
Note:

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

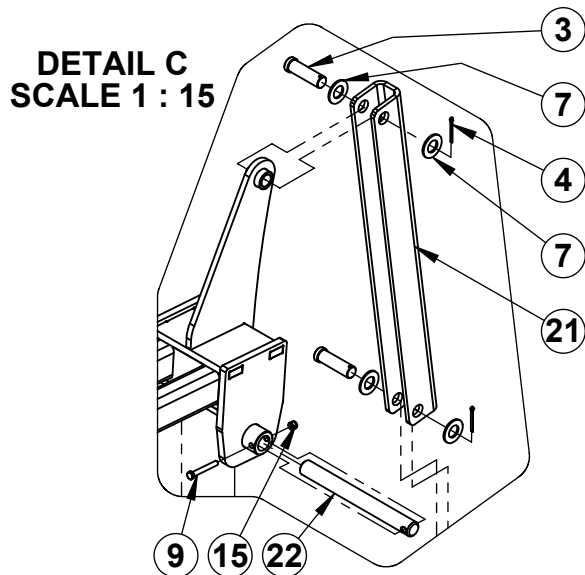




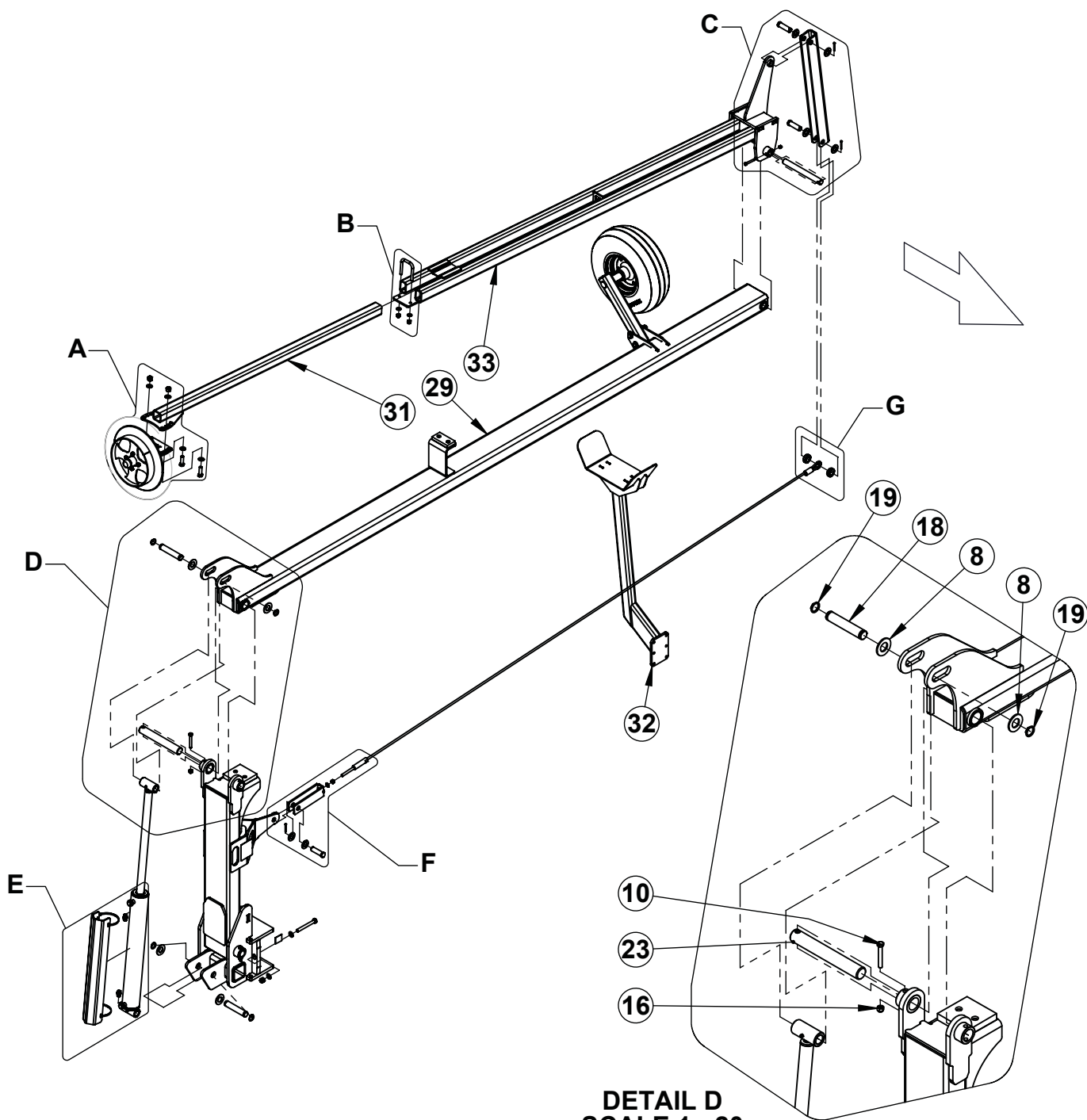
DETAIL A
SCALE 1 : 15



DETAIL B
SCALE 1 : 15



DETAIL C
SCALE 1 : 15



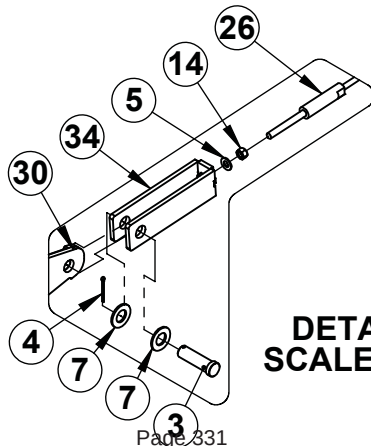
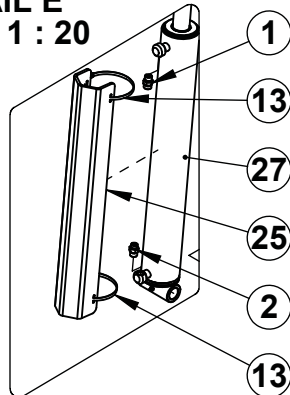
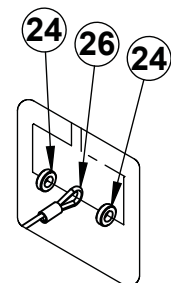
DETAIL D
SCALE 1 : 20

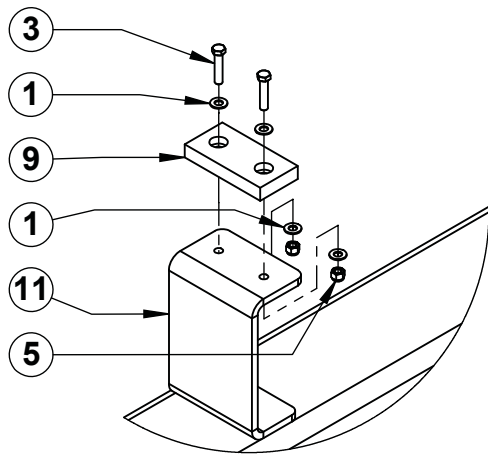
TA02227 Assy, 60' Marker Kit (RH)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	47939006	Adapter, 08MFS-08MB .063 One-Way Orifice	1	
2	AD-06MFS-08MB	Adapter, 06MFS-08MB	1	
3	CLPIN-1.000X3.25Y	Clevis Pin, 1x3.25 YZ	3	
4	CTPIN-0.156X2.00	Cotter Pin, 5/32x2	3	
5	FW-SAE-0.500Y	Washer, Flat SAE 1/2 YZ	3	
6	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	6	
7	FW-SAE-1.000Y	Washer, Flat SAE 1 YZ	6	
8	FW-SAE-1.250Y	Washer, Flat SAE 1-1/4 YZ	4	
9	HB-0.375-16X2.75Y8	Bolt, Hex Hd 3/8-16x2-3/4 YZ8	1	
10	HB-0.500-13X3.50Y8	Bolt, Hex Hd 1/2-13x3-1/2 YZ8	1	
11	HB-0.625-11X2.00Y8	Bolt, Hex Hd 5/8-11x2 YZ8	2	
12	HB-0.625-11X5.50Y8	Bolt, Hex Hd 5/8-11x5-1/2 YZ8	1	
13	HCLMP-SAE-512SS	Hose Clamp, SAE #512 SS	2	
14	HNUT-0.500-20B8	Nut, Hex 1/2-20 B8	1	
15	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	1	
16	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	3	
17	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	3	
18	PIN-1.250X5.81Y	Pin-1.250x5.813-YZ	2	
19	SRING-EXT-HD-1.25Y	Retaining Ring, External 1-1/4 HD YZ	4	
20	T0052464	Decal, Row Marker Bolt Torque	1	
21	T0056443	Channel, 60'/66' Marker Kit Cable Link	1	
22	T0056457	Pin, Marker Outer Arm	1	
23	T0056458	Pin, Marker Upper Pivot	1	
24	T0056460	Spacer, Marker Kit Cable Spacer	2	
25	T0056489	Channel, 60'/66' Marker Cylinder Guard	1	
26	TA01233	Assy, 60'/66' Marker Kit Cable	1	
27	TA02216	Cylinder, Hyd 3.50x26.38 (Marker)	1	
28	TA02228	Assy, Marker Kit Disc Mount	1	
29	TA02257	Assy, 60' Marker Mid Arm (RH)	1	
30	TA02261	Assy, 60'/66' Marker Base & Inner Arm (RH)	1	
31	TW001033	Wldmt, 36R22 Marker Ext.	1	
32	TW001166	Wldmt, Marker Support	1	
33	TW001523	Wldmt, 60'/66' Marker Kit Outer Arm	1	
34	TW001530	Wldmt, 60' Marker Cable Mount	1	
35	UB-0.50X3.0X4.0-SY8	U-Bolt, Square 1/2-13x3x4 YZ8	1	

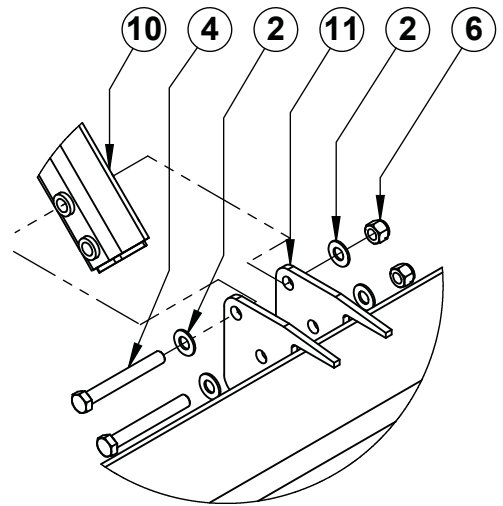
Note:

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

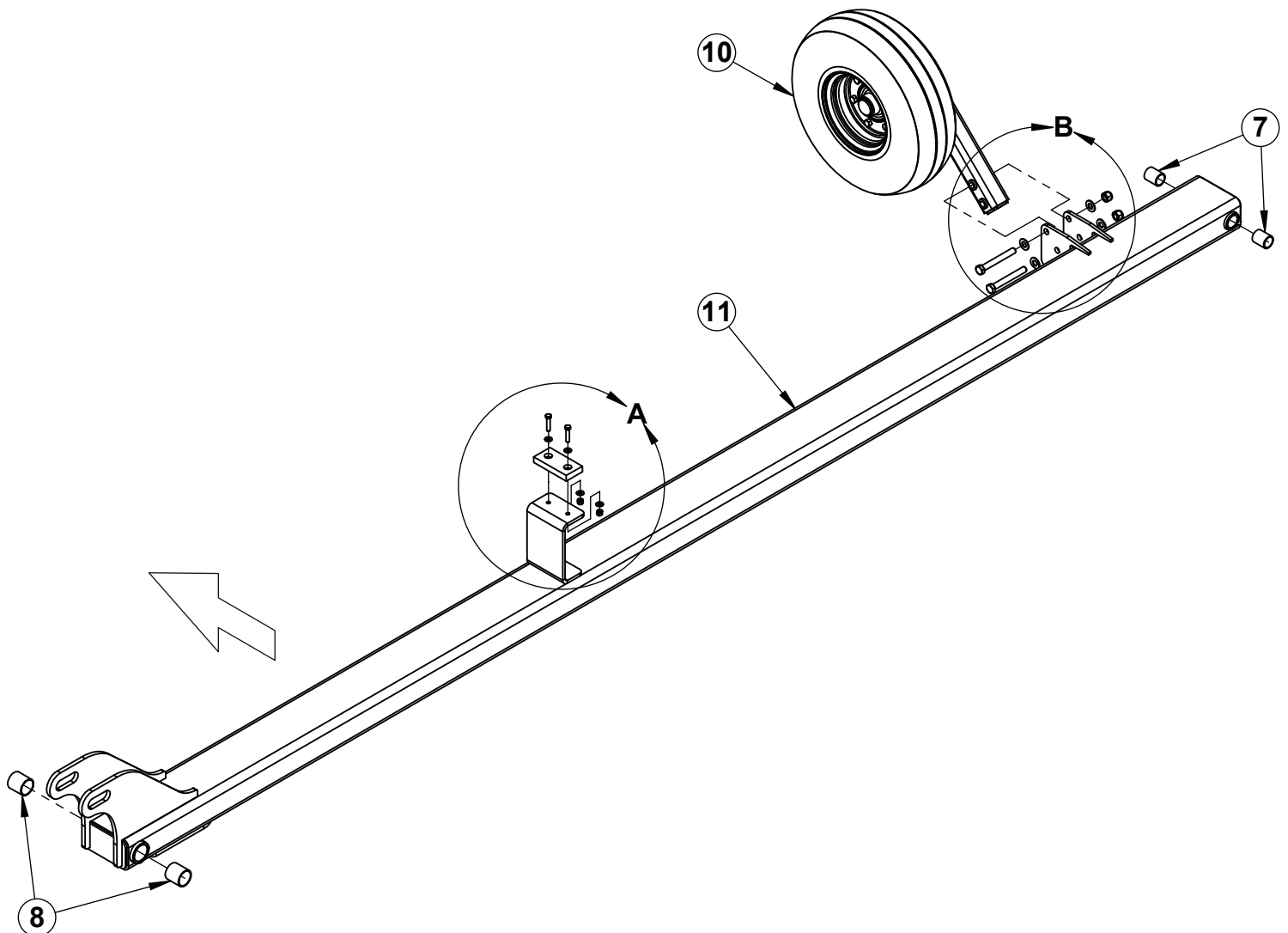
**DETAIL E
SCALE 1 : 20**

**DETAIL F
SCALE 1 : 15**

**DETAIL G
SCALE 2 : 35**



DETAIL A
SCALE 1 : 9



DETAIL B
SCALE 1 : 9

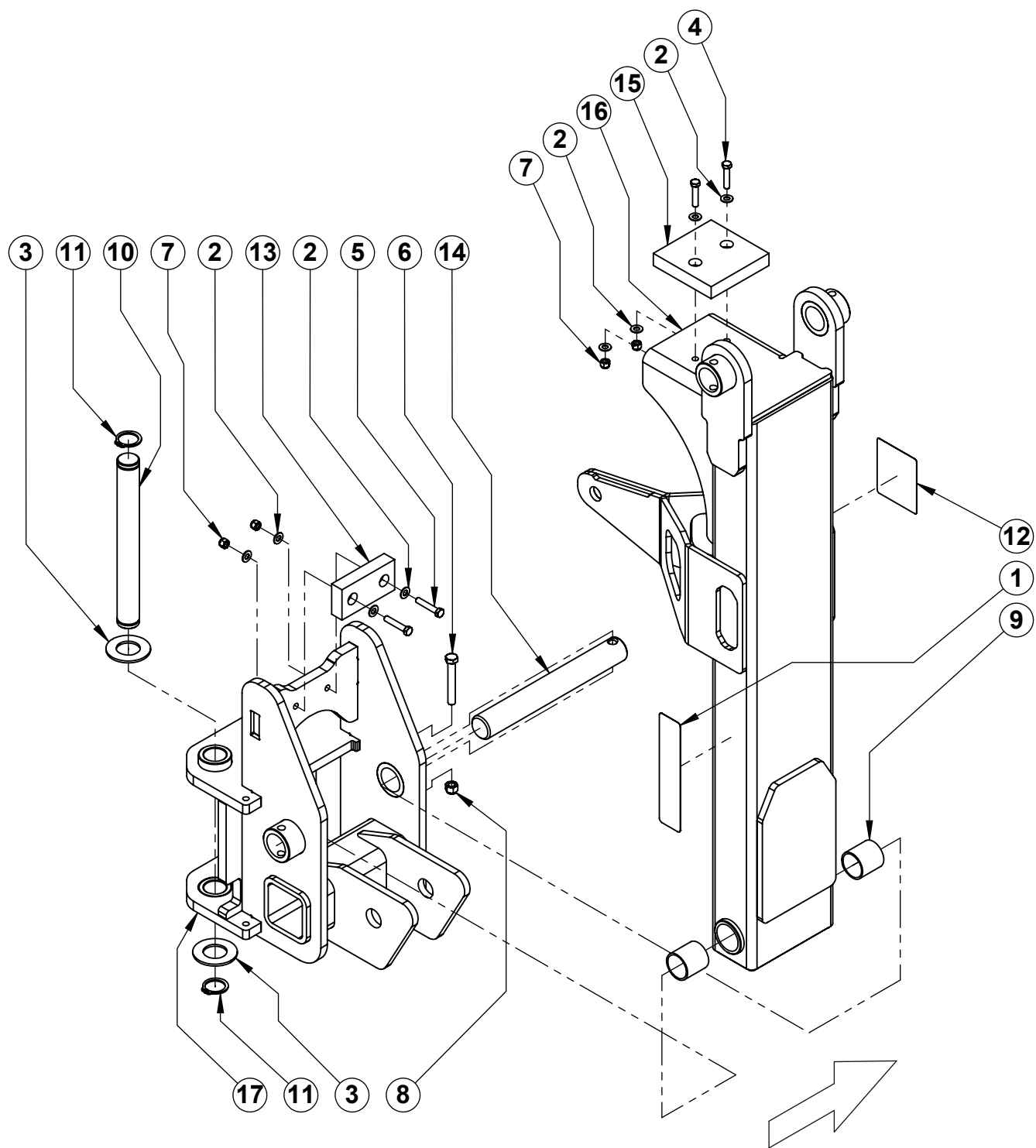


TA02257 Assy, 60' Marker Mid Arm (RH)

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	4	
2	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	4	
3	HB-0.375-16X1.75Y8	Bolt, Hex Hd 3/8-16x1-3/4 YZ8	2	
4	HB-0.625-11X5.00Y8	Bolt, Hex Hd 5/8-11x5 YZ8	2	
5	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	2	
6	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	2	
7	PB-1.250X1.500X1.75	Bushing, Composite 1.25x1.50x1.75	2	
8	PB-1.750X2.000X2.00	Bushing, Composite 1.75x2x2	2	
9	T0056484	Bumper, Marker Mid Arm Bumper	1	
10	TA02223	Assy, Marker Kit Wheel Mount Assy	1	
11	TW001527	Wldmt, 60' Marker Mid Arm (RH)	1	

Note:

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

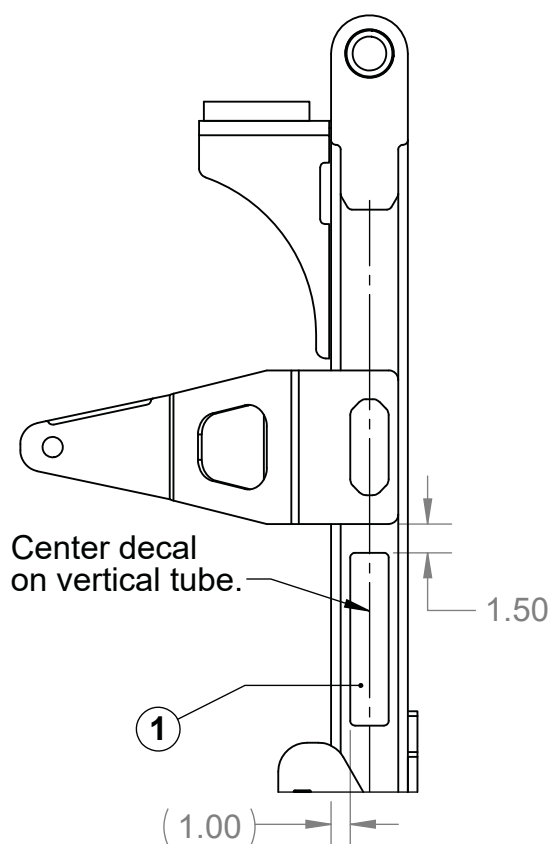


TA02261 Assy, 60'/66' Marker Base & Inner Arm (RH)

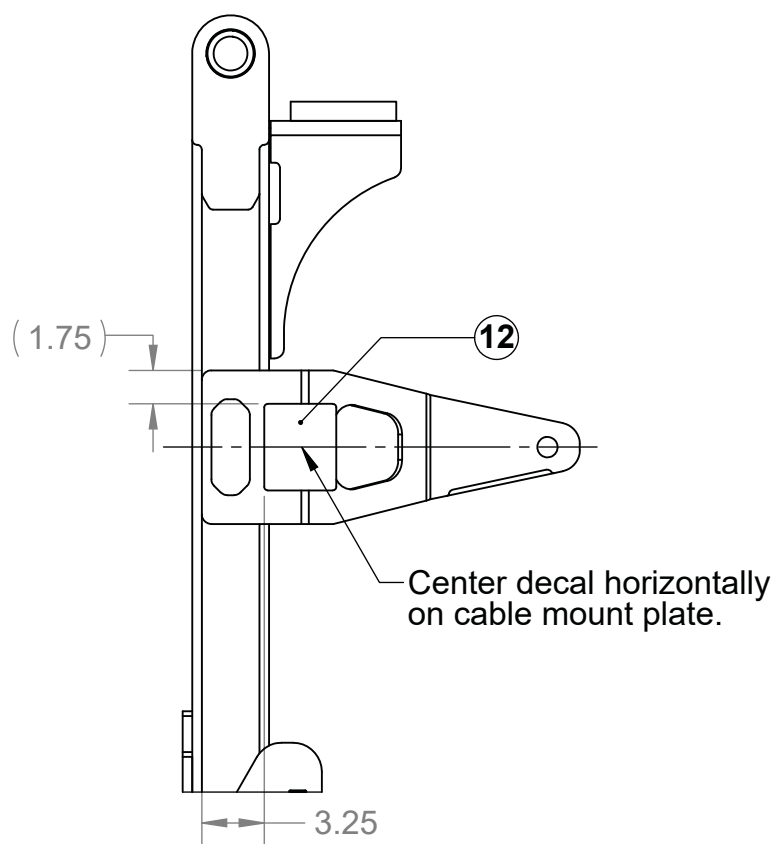
ITEM	PART NUMBER	DESCRIPTION	QTY.	TORQUE (ft-lbs)
1	90-44-0410	Decal, Yellow Retroreflective	1	
2	FW-SAE-0.375Y	Washer, Flat SAE 3/8 YZ	8	
3	FW-SAE-1.500Y	Washer, Flat SAE 1-1/2 YZ	2	
4	HB-0.375-16X1.75Y8	Bolt, Hex Hd 3/8-16x1-3/4 YZ8	2	
5	HB-0.375-16X2.00Y8	Bolt, Hex Hd 3/8-16x2 YZ8	2	
6	HB-0.500-13X3.50Y8	Bolt, Hex Hd 1/2-13x3-1/2 YZ8	1	
7	NLNUT-0.375-16Y8	Nylon Lock Nut, 3/8-16 YZ8	4	
8	NLNUT-0.500-13Y8	Nylon Lock Nut, 1/2-13 YZ8	1	
9	PB-1.750X2.000X2.00	Bushing, Composite 1.75x2x2	2	
10	PIN-1.50X12.69Y	Pin, 1-1/2 x 12-11/16 YZ	1	
11	SRING-EXT-HD-1.50Y	Retaining Ring, External 1-1/2 HD YZ	2	
12	T0051591	Decal, Danger-Warn Marker	1	
13	T0056455	Bumper, Marker Lower	1	
14	T0056456	Pin, Marker Lower Pivot	1	
15	T0056469	Bumper, Marker Upper	1	
16	TW001520	Wldmt, 60'/66' Marker Kit Arm Wldmt	1	
17	TW001522	Wldmt, 60'/66' Marker Kit Arm Base (RH)	1	

Note:

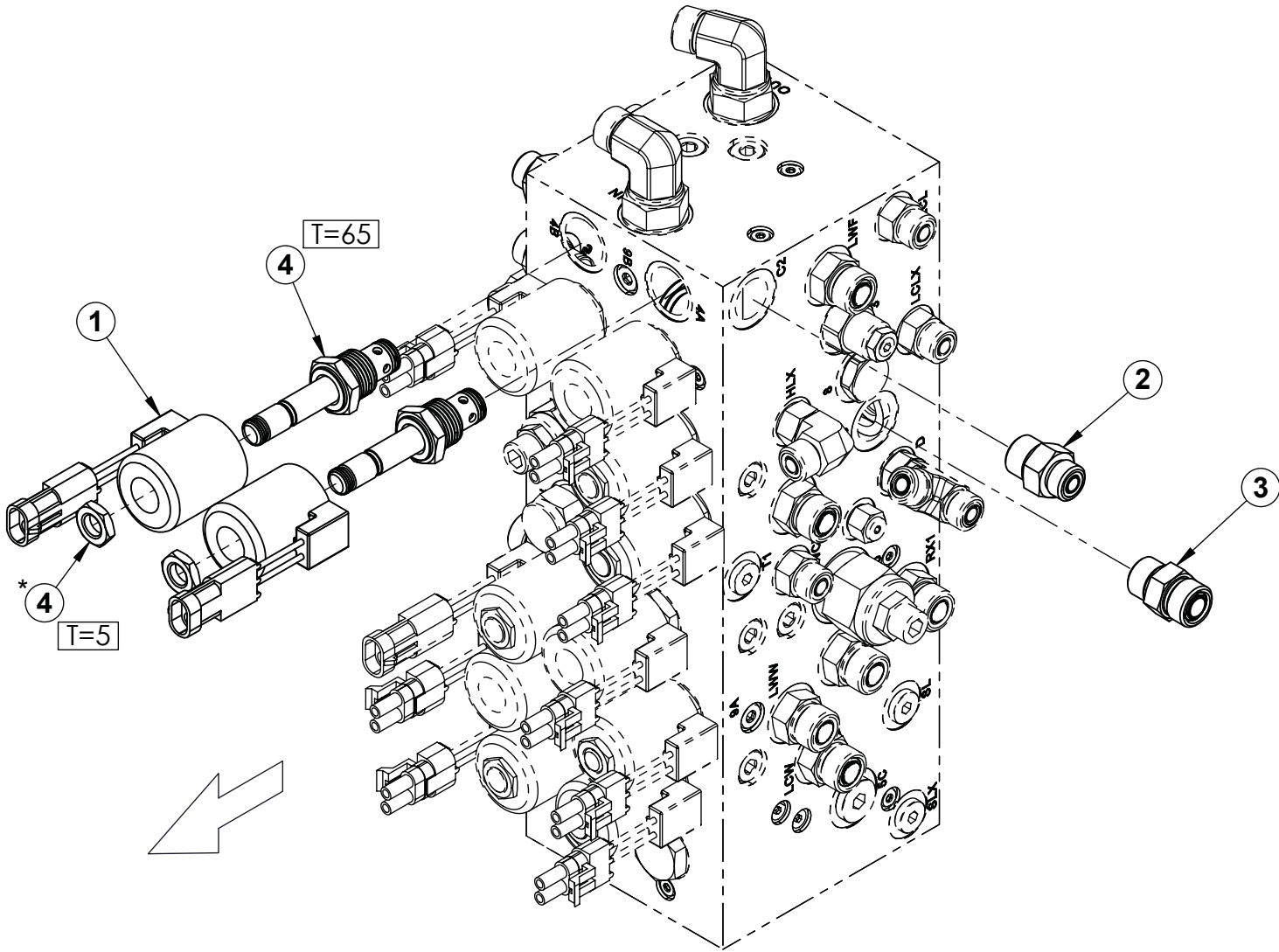
1. **T=XXX** = Torque Expressed in ft-lbs (Use standard torque values from drawing T0000000 unless otherwise specified.)
2. * Items marked with an asterisk are items that are included in that particular part or assembly.



Back View Yellow
Reflector Installation



Front View Danger-Warn
Decal Installation

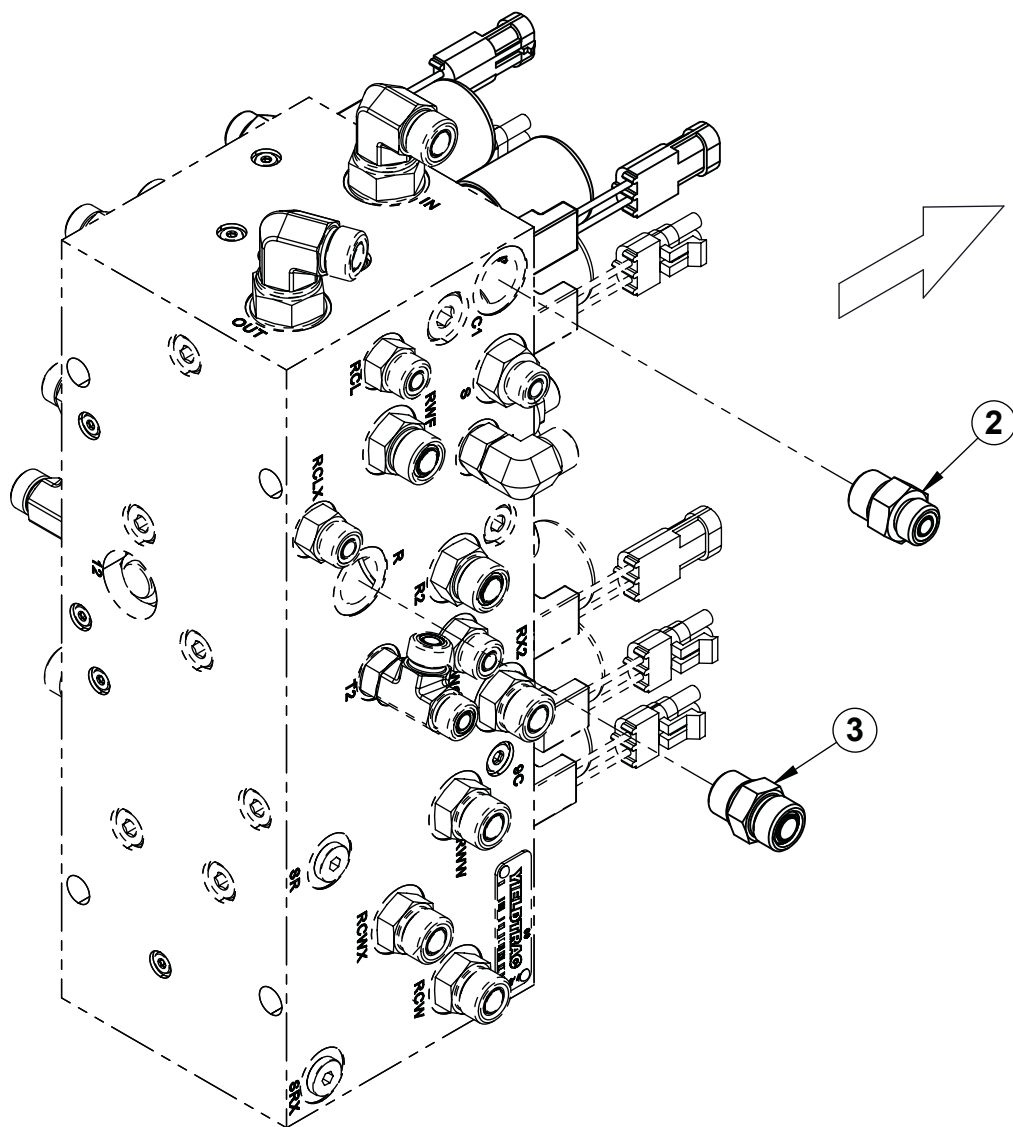


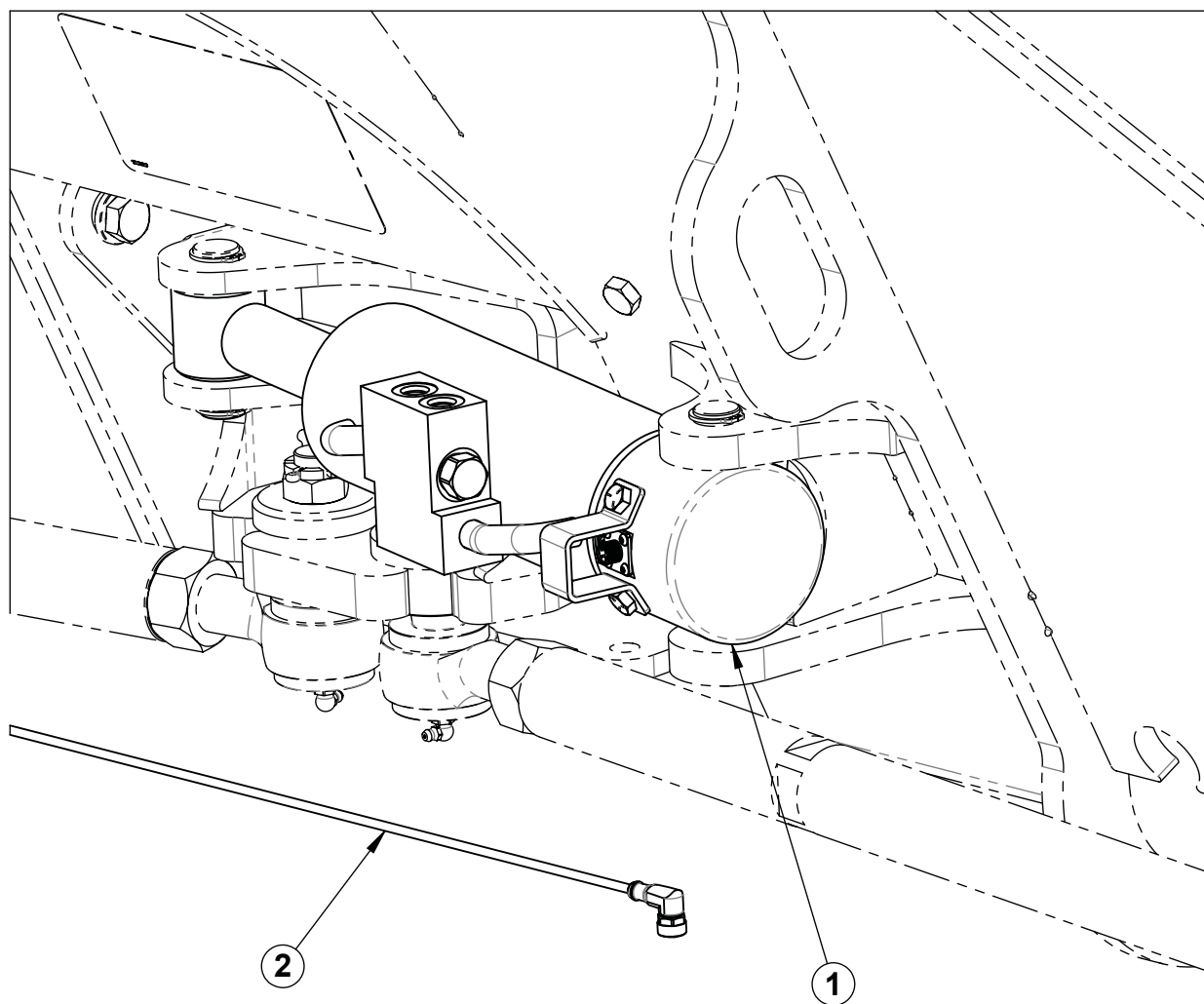
TA02231 Assy,60'/66' Marker Kit - Lift & Fold Valve Adapters

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	1340843C1	Coil	2	
2	AD-06MFS-08MB	Adapter, 06MFS-08MB	2	
3	AD-08MFS-08MB	Adapter, 08MFS-08MB	2	
4	87436627	Assy, Valve Uni-Directional Cartridge	2	

Note:

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



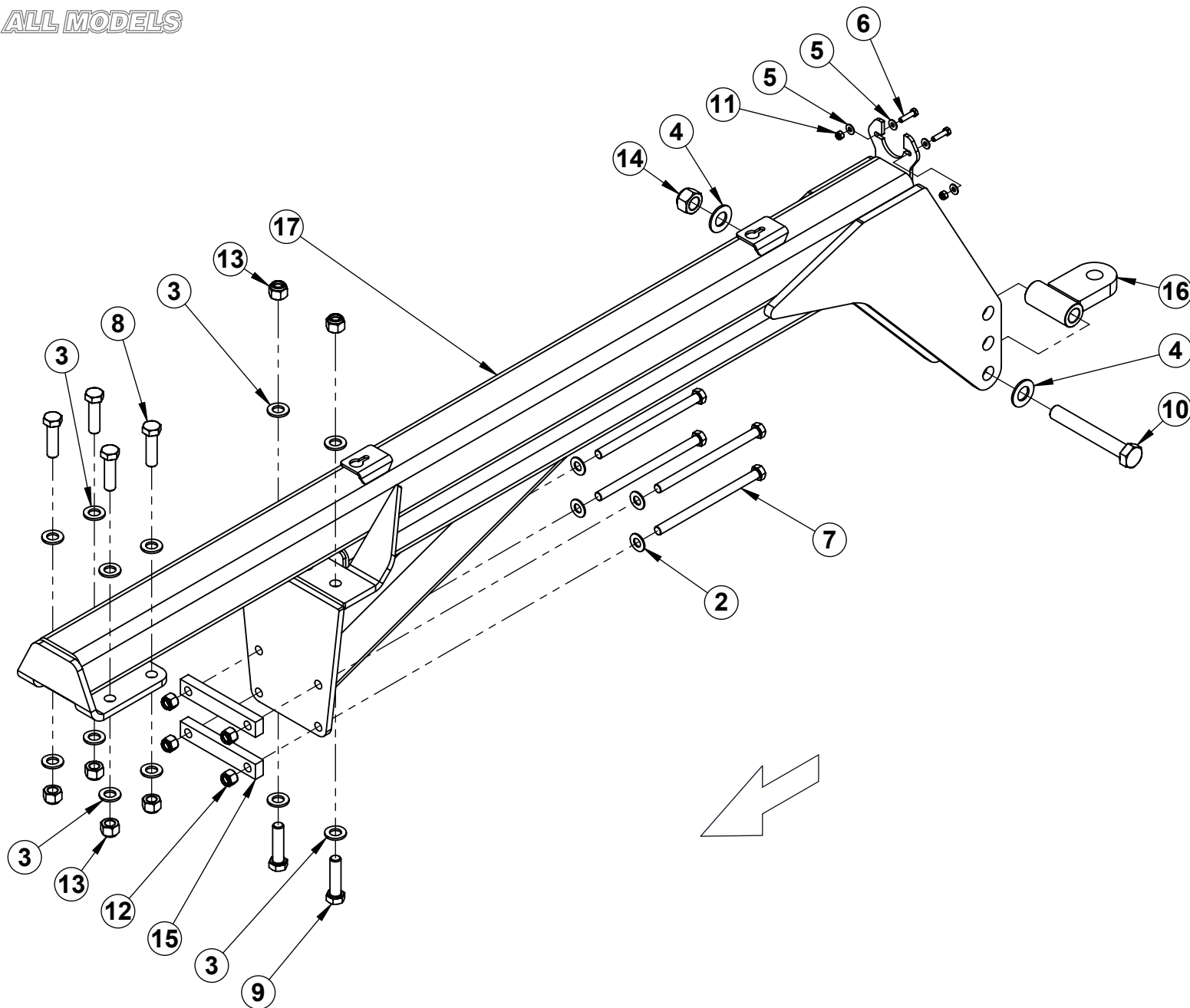


TA01638 Option, Steerable Undercarriage

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	TA02127	Cylinder, Hyd 3.50X7.25 Sens 5V	1	
2	T0055439	Cordset, M12-90°-2.0m	1	

Note:

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



TA01995 Option, Rear Hitch Assy 2000

ITEM	PART NUMBER	DESCRIPTION	QTY	TORQUE (ft-lbs)
1	47807573	Harness, Rear Hitch	1	
2	FW-SAE-0.625Y	Washer, Flat SAE 5/8 YZ	4	
3	FW-SAE-0.750Y	Washer, Flat SAE 3/4 YZ	12	
4	FW-SAE-1.000Y	Washer, Flat SAE 1 YZ	2	
5	FW-USS-0.250Y	Washer, Flat USS 1/4 YZ	4	
6	HB-0.313-18X1.25Y8	Bolt, Hex Hd 5/16-18x1-1/4 YZ8	2	
7	HB-0.625-11X9.50Y8	Bolt, Hex Hd 5/8-11x9-1/2 YZ8	4	
8	HB-0.750-10X2.75Y8	Bolt, Hex Hd 3/4-10x2-3/4 YZ8	4	
9	HB-0.750-10X3.00Y8	Bolt, Hex Hd 3/4-10x3 YZ8	2	
10	HB-1.000-8X7.00Y8	Bolt, Hex Hd 1-8x7 YZ8	1	
11	NLNUT-0.313-18Y8	Nylon Lock Nut, 5/16-18 YZ8	2	
12	NLNUT-0.625-11Y8	Nylon Lock Nut, 5/8-11 YZ8	4	
13	NLNUT-0.750-10Y8	Nylon Lock Nut, 3/4-10 YZ8	6	
14	NLNUT-1.000-8Y8	Nylon Lock Nut, 1-8 YZ8	1	
15	T0054179	Tap Bar	2	
16	TW000772	Hitch Bar Weldment	1	
17	TW001477	Wldmt, Rear Hitch	1	

Note:

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

Torque – Hydraulic tubes and fittings

Standard torque data for hydraulic tubes and fittings

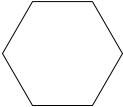
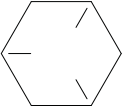
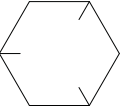
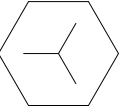
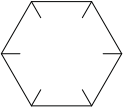
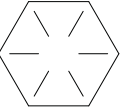
T e o 3 F l e F i i								O-Ri o l A le Fi i Lo 3 Se S i el IC -			
Si e	T i OD		T e Si e	-l				-l			
	I e			Mi	M	Mi	M	Mi	M	Mi	M
	1/4	6.4	7/16-20	9	12	12	16	6	10	8	14
	5/16	7.9	1/2-20	12	15	16	20	10	15	14	20
6	3/8	9.5	9/16-18	21	24	29	33	15	20	20	27
8	1/2	12.7	3/4-18	35		47		25	30	34	41
10	5/8	15.9	7/8-14	53	58	72	79	35		47	
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.

To e F e e

So ie y o A o o i e E i ee SAE F e e To e

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 e o	e 2				e				e 8 See o e elo			
ol e Identification See o e elo					  				  			
ol Si e	-I				-I				-I			
	Mi	M	Mi	M	Mi	M	Mi	M	Mi	M	Mi	M
1/4		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			61	73
7/16	30	35	41	47		64	73	87	70	84	95	114
1/2		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		480	542	651	600	720	814	976
1	250	300	339	406	580	696	787	944	900	1080	1220	1464
1-1/8					800	880	1085	1193	1280	1440	1736	1953
1-1/4					1120	1240	1519	1681	1820	2000	2468	2712
1-3/8					1460	1680	1980	2278	2380	2720	3227	3688
1-1/2					1940	2200	2631	2983	3160	3560	4285	4827

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

Thick nuts must be used with Grade 8 bolts.

Me i l e i o I S O i i o I S O F e e T o e

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 Cl o	8 8				10 9				12 9			
ol e Identification See o e elo												
ol Si e	-l				-l				-l			
	Mi	M	Mi	M	Mi	M	Mi	M	Mi	M	Mi	M
M4	2	3	3		3				Because of the low ductility of these fasteners, the torque ranges to t r 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.			
M		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		52	61		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			610	730				
M24		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				

o e Bolt head identification marks as per grade. Manufacturing marks will vary.

CO ERSIO C ART											
I F io De i l o Milli e e E i le											
I e			I e			I e			I e		
MM			MM			MM			MM		
F io	De i l		F io	De i l		F io	De i l		F io	De i l	
-		0.01	-	0.3	7.62	-	0.7874	20	-	1.969	
-	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	
-		0.127	21/64	0.3281	8.334	-	0.8268	21	-	2.165	
-	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	635
1/64	0.0156	0.397	-	0.374	9.5	7/8	0.875	22.225	-	2.559	65
-	0.0157		3/8	0.375	9.525	57/64	0.8906	22.622	2-5/8	2.625	66.7
-	0.0197		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	-		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
-		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		12.7	-	1.102	28			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		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			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		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		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		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		-	9.449	240
-	0.1969		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		-	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		-	11.024	280
-	0.2362	6	23/32	0.7188	18.256	1-3/4	1.75		-	11.811	300
1/4	0.25	6.35	-	0.7283	18.5	-	1.772		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	
19/64	0.2969	7.541	25/32	0.7813	19.844	-	1.929	49	16	16	406.4

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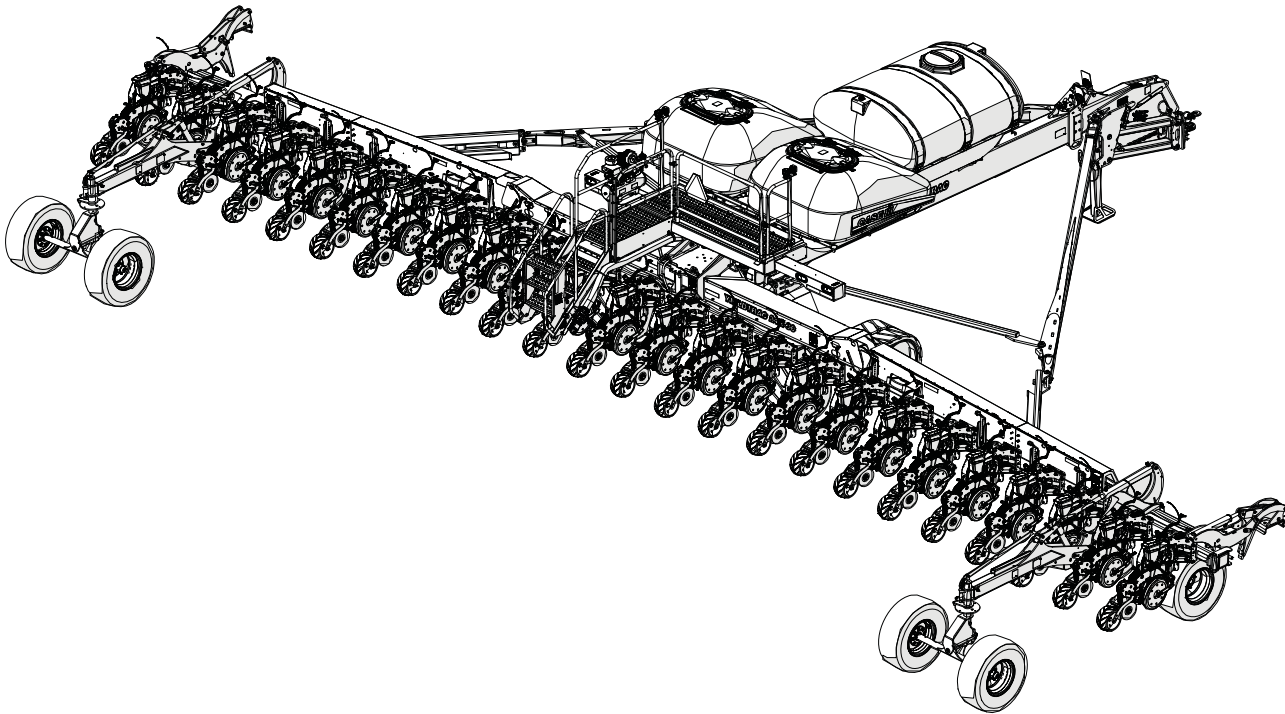
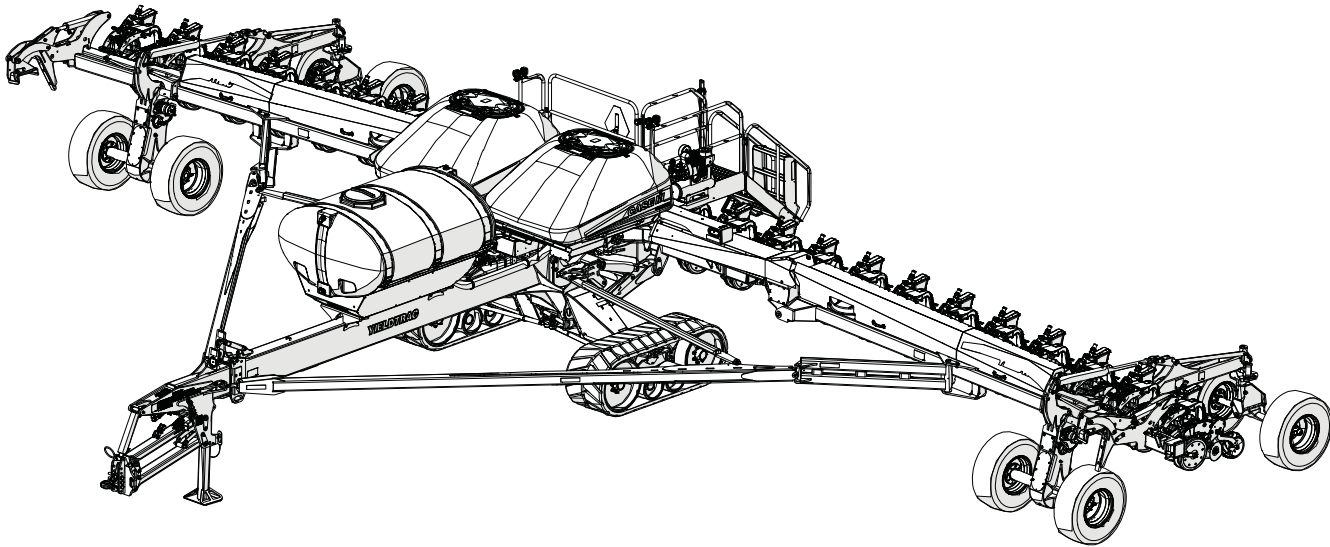
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