



ASSEMBLY AND PARTS LIST MANUAL



14" SWING AUGER

14-95 • 14-105 • 14-115



www.meridianmfg.com

DECLARATION OF CONFORMITY

We the Manufacturer:

Meridian Manufacturing Inc.
PO Box 1996 2800 Pasqua Street North
Regina, Sk, Canada
S4P 3E1

Declare the Augers listed below conform to the 2006/42/EC Machinery Directive

14-95
14-105
14-115

WFN 3596, 3598, 3600

The Meridian Auger 14 Series Swing Auger and Tube Assembly is designed for the movement of Grains and Cereals.

PATENT INFORMATION



Meridian continuously enhances its product offering through product improvements and new product innovations. Marketplace feedback, technological innovation, new materials and manufacturing methods, and a philosophy of continuous improvement constantly challenge the company to develop new and better ways of addressing market needs. Meridian is committed to innovation and reinvestment and as a result, the company maintains a portfolio of patents and intellectual property. For more information on our patents please see our website:
www.meridianmfg.com/patents

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MERIDIAN EQUIPMENT SIGN OFF SHEET

As a requirement of OSHA, it is necessary for the employer to train the employee in the safe operation and safety procedures with this equipment. We include this sign-off sheet for your convenience and personal record keeping.

[illegible]

SET UP PROCEDURE

1. Follow and complete steps 1 through 24 on page B2 using page B3 reference drawings, and then proceed to step 2 on this page.
2. Follow and complete steps 1 through 5 on page B4, and then proceed to step 3 on this page.
3. Follow and complete steps 1 through 5 on page B5, and then proceed to step 4 on this page.
4. Follow and complete steps 6 through 8 on page B4, and then proceed to step 5 on this page.
5. Follow and complete steps 1 through 5 on page B6, and then proceed to step 6 on this page.
6. Follow and complete steps 1 through 7 on page B7, and then proceed to step 7 on this page.
7. Follow and complete steps 1 through 4 on page B8, and then proceed to step 8 on this page.
8. Place assembled (Figure 14) under assembled (Figure 01). Connect the two assemblies using 1-1/2" dia pin and 1/2" dia x 2-3/4" pin and stover locknut. Note: Refer to (Figure 01) for top lift frame assembly mounting location. Proceed to step 9 on this page.
9. Lift the now assembled (Figure 14 & 01) together and position it over the partially assembled (Figure 15). Connect using 2" dia axel pins, 1/2" dia x 3-1/4" bolts and stover locknut. Proceed to step 10 on this page.
10. Raise the auger tube assembly and then continue with steps 5 through 9 on page B8 before proceeding with step 11 on this page.
11. Follow and complete steps 1 through 7 on page B9, and then proceed to step 12 on this page.
12. Hydraulic lines:
 - Short line connected to upper steel hydraulic line and hydraulic cylinder.
 - Connect valve to lower steel hydraulic line, and then attach long line to valve. Complete long line assembly with pioneer tip.
 Proceed to step 13 on this page.
13. Follow and complete steps 7 through 8 on page B6, and then proceed to step 14 on this page
14. Follow and complete steps 1 through 6 on page B10, and then proceed to step 15 on this page
15. Check that all bolts are tightened, pins are in place, fittings are greased, and that all safety guards and shields are installed. Ensure proper pressure is in all tires.

TUBE ASSEMBLY AND TRUSS ASSEMBLY

1. Connect tube assemblies A, B, C, spout and spout transition, as shown in (FIGURE 01) using 1/2" x 1-1/2" bolts and stover locknuts. Connect flight assemblies using 1/2" x 3-1/2" bolts, stover locknut & flat washers. Ensure proper alignment of flight assemblies.
2. Lift BOOT END of TUBE ASSEMBLY minimum 24" high.
3. Assemble truss risers (FIGURE 06) as shown. Connect cable rest bracket to risers using 3/8" dia x 7/8" bolts and 3/8" stover locknuts. Connect truss risers to TUBE SADDLE using 5/8" dia x 1-1/2" bolts and 5/8" stover locknuts. Connect wing braces to plate wings and cable rest bracket using 3/8" dia x 5" bolts and 3/8" stover locknuts.
4. Connect cable riser to truss riser using 1/2" dia x 2" bolts and 1/2" stover locknuts. Place SHORT CABLE (TOWER) on top of cable riser and connect a cable riser above cable. (FIGURE 06)
5. Connect SHORT CABLE (TOWER) to bushing as shown in (FIGURE 07).
6. Connect SHORT CABLE (TOWER) to cable adjusting bracket. Connect eyebolt to eyebolt bracket using 7/8" dia nuts. Tighten until adequate tension is achieved (FIGURE 05).
7. Place MEDIUM CABLE 2 onto cable riser (FIGURE 06). Connect a cable riser above cable.
8. Repeat step 5, referencing (FIGURE 08) for MEDIUM CABLE 2.
9. Repeat step 6, referencing (FIGURE 04) for MEDIUM CABLE 2.
10. Place MEDIUM CABLE 1 onto cable riser (FIGURE 06). Connect a cable riser above cable.
11. Repeat step 5, referencing (FIGURE 09) for MEDIUM CABLE 1.
12. Repeat step 6, referencing (FIGURE 03) for MEDIUM CABLE 1.
13. Place LONG CABLE (TOWER) onto cable riser (FIGURE 06). Place a 5/8" dia x 3-1/4" bolt and 3/8" stover locknut above cable to hold in place.
14. Repeat step 5, referencing (FIGURE 10) for LONG CABLE (TOWER).
15. Repeat step 6, referencing (FIGURE 02) for LONG CABLE (TOWER).
16. Place SIDE CABLE SHORT on top of plate wings, between cable rest and 3/8" dia x 1-1/2" bolt. Fasten cable cap on top (FIGURE 06).
17. Connect SIDE CABLE SHORT to bushing as shown in (FIGURE 08).
18. Connect SIDE CABLE SHORT to cable adjusting bracket. Connect eyebolt to eyebolt bracket using 5/8" dia nuts. Tighten until adequate tension is achieved (FIGURE 04).
19. Repeat steps 16-18 for second SIDE CABLE SHORT.
20. Place SIDE CABLE LONG on top of plate wings, between cable rest and 3/8" dia x 1-1/2" bolt. Fasten cable cap on top (FIGURE 06).
21. Connect SIDE CABLE LONG to bushing as shown in (FIGURE 10).
22. Connect SIDE CABLE LONG to cable adjusting bracket. Connect eyebolt to eyebolt bracket using 5/8" dia nuts. Tighten until adequate tension is achieved (FIGURE 03).
23. Repeat steps 20-22 for second SIDE CABLE LONG.
24. Refer to SET UP PROCEDURES page B1 step 2 for next set of instructions.

TUBE ASSEMBLY AND TRUSS ASSEMBLY

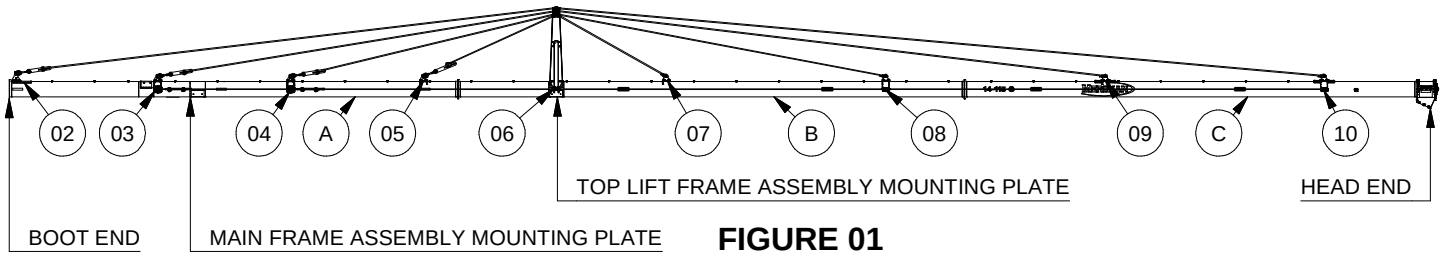


FIGURE 01

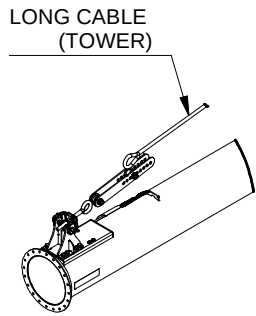


FIGURE 02

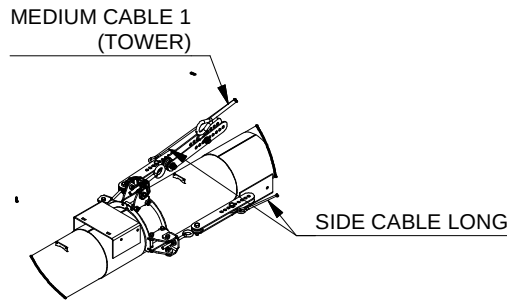


FIGURE 03

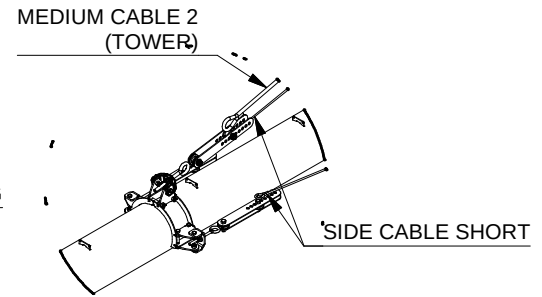


FIGURE 04

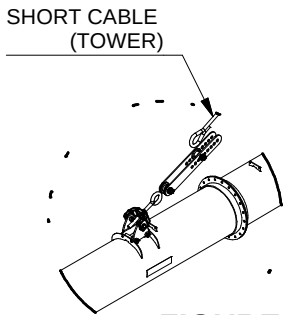


FIGURE 05

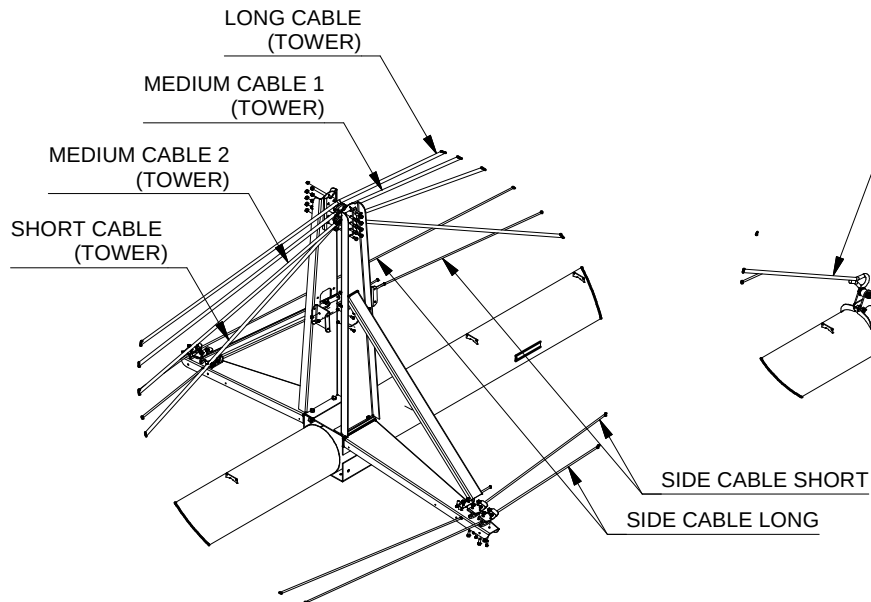


FIGURE 06

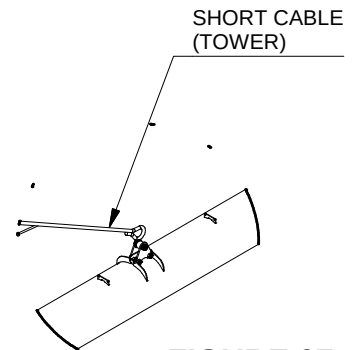


FIGURE 07

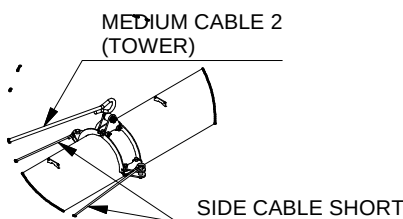


FIGURE 08

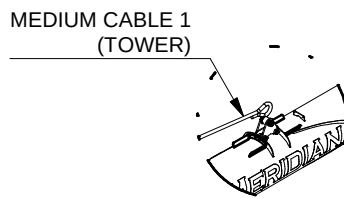


FIGURE 09

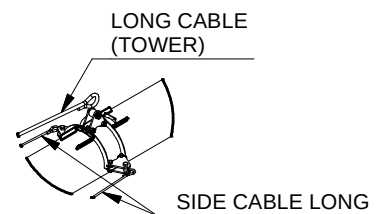


FIGURE 10

LIFT ARM ASSEMBLY

1. Fasten item 2 to SADDLE ASSEMBLY on tube using 1/2" dia x 1-1/4" gr 8 bolts and 1/2" dia stover nuts.
2. Attach LIFT ARM ASSEMBLY to item 2 using item 3 and hair pin.
3. Attach item 1 to LIFT ARM ASSEMBLY using 1/2" dia x 1-1/4" dia flange bolts and 1/2" dia stover nuts.
4. Attach CABLE ROLLER ASSEMBLY to item 1.
5. Refer to SET UP PROCEDURE page B1 step 3 for next set of instructions.
6. After WINCH ASSEMBLY is complete, slide cable through item 1. Attach loop end #2 to CABLE DRUM located on WINCH ASSEMBLY
7. Attach CABLE BLOCK ASSEMBLY to Loop end #1 on cable.
8. Refer to SET UP PROCEDURE page B1 step 5 for next set of instructions.

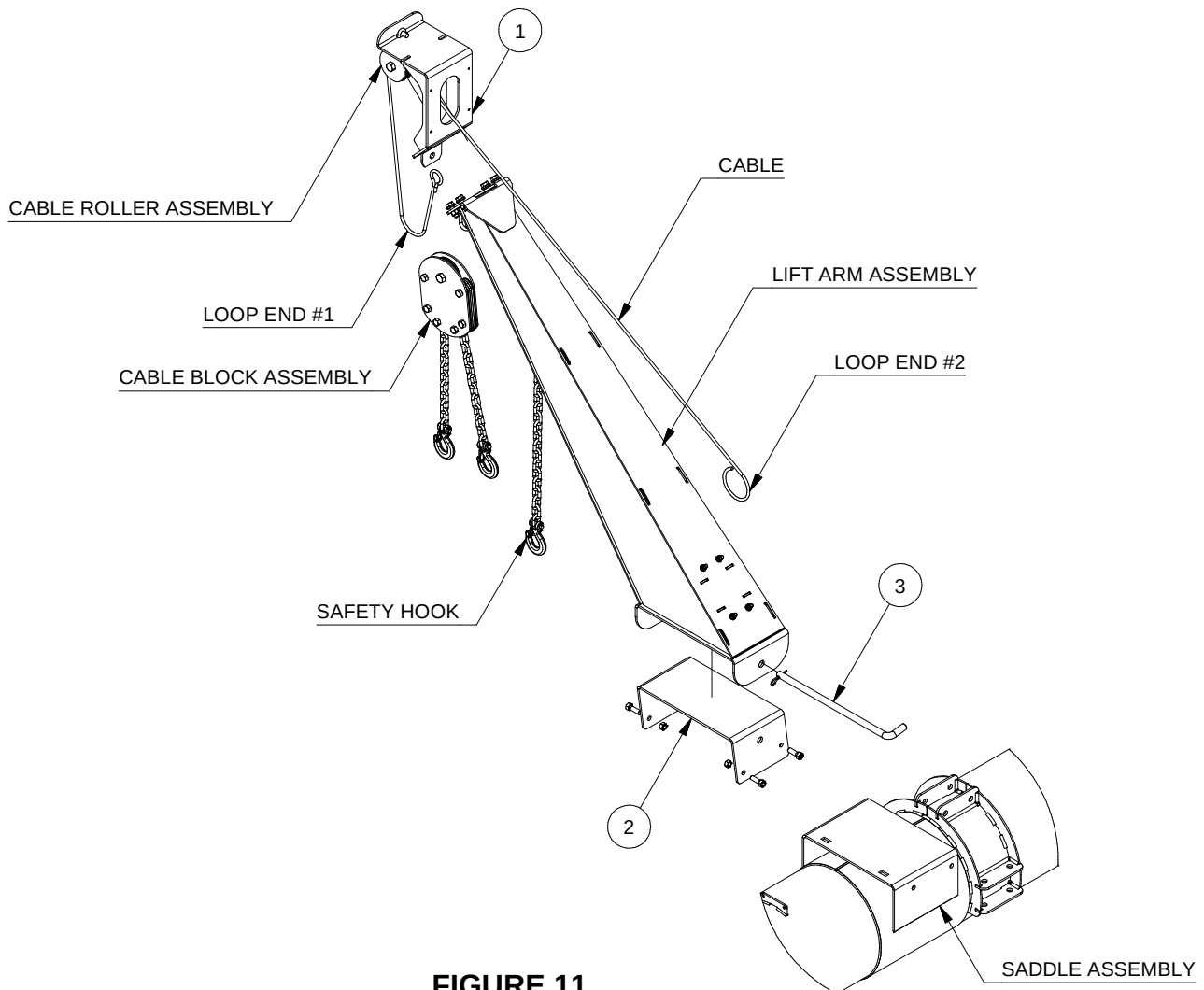
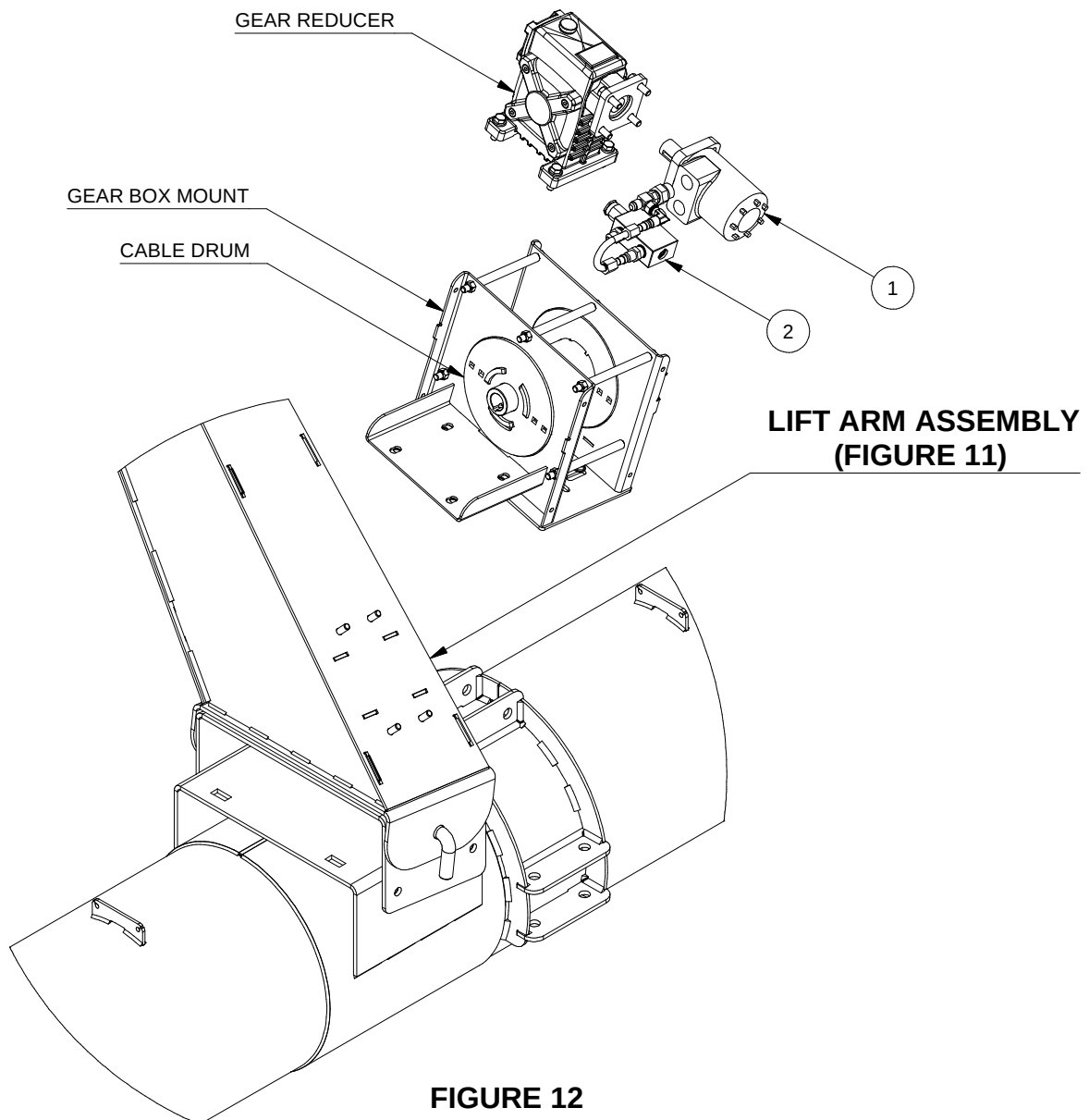


FIGURE 11

WINCH ASSEMBLY

1. After completing steps 1-4 of LIFT ARM ASSEMBLY, fasten GEAR MOUNT BOX to bolts on LIFT ARM ASSEMBLY using 3/8" dia flange nuts.
2. Fasten GEAR REDUCER to GEAR BOX MOUNT using 3/8" dia flange bolts, washers, and stover nuts.
3. Attach item 1 to GEAR REDUCER using 3/8" dia bolts and washers.
4. Attach item 2 to item 1.
5. Refer to SET UP PROCEDURE page B1 step 4 for next set of instructions.

**FIGURE 12**

HITCH ASSEMBLY

1. Insert item 2 into item 4.
2. Fasten item 2 to item 4 through the third hole from the end using item 1.
3. Attach loop end of item 5 to item 2.
4. Attach hook end of item 5 to item 4.
5. Refer to SET UP PROCEDURES page B1 step 6 for next set of instructions.
6. After completion of SET UP PROCEDURES steps 6 through 13 on page B1, continue with HITCH ASSEMBLY steps 7 through 9.
7. Attach item 6 and item 7 to item 2 to item 2 using 3/4" dia bolts and stover locknuts.
8. Attach item 3 to item 7 using 5/8" pin included on item 3.
9. Refer to SET UP PROCEDURES page B1 step 14 for the next set of instructions.

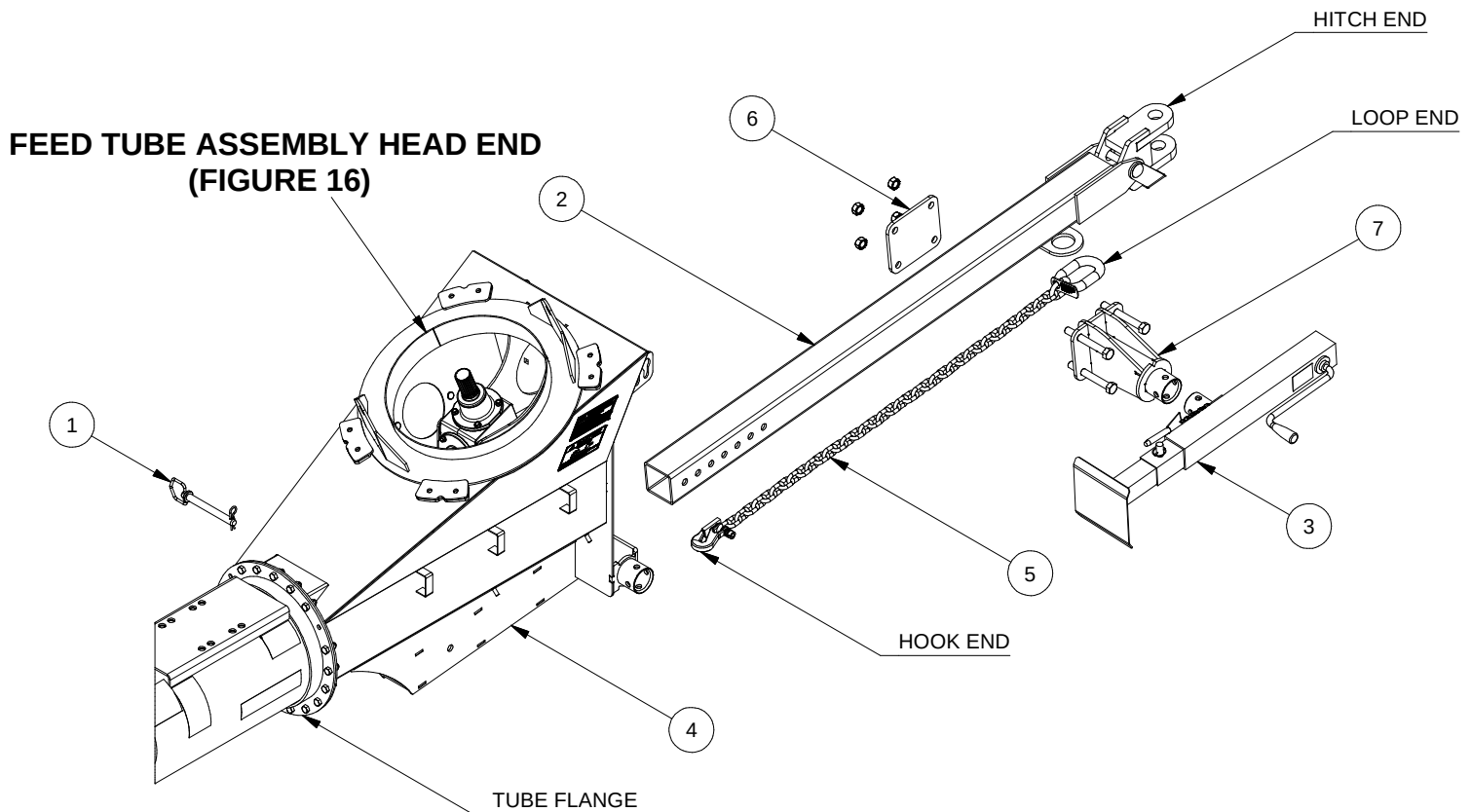


FIGURE 13

TOP LIFT FRAME ASSEMBLY

1. Attach item 8 to items 1 & 5 using 5/8" dia bolts and stover locknuts.
2. Attach item 7 to item 8 using 1-1/2" dia lift pin with Gr 8 1/2" dia bolts and stover locknuts.
3. Attach item 6 to item 8 using 1-1/2" dia lift pin with Gr 8 1/2" dia bolts and stover locknuts.
4. Attach items 4 & 6 to item 7 using 1-1/2" dia lift pin with Gr 8 1/2" dia bolts and stover locknuts.
5. Attach item 2 to items 4, 6 & 8 using 1-1/2" dia lift pins with Gr 8 1/2" dia bolts and stover locknuts.
6. Attach item 3 to items 1 & 5 using 5/8" dia bolts & stover locknuts.
7. Refer to SET UP PROCEDURES page B1 step 7 for the next set of instructions.

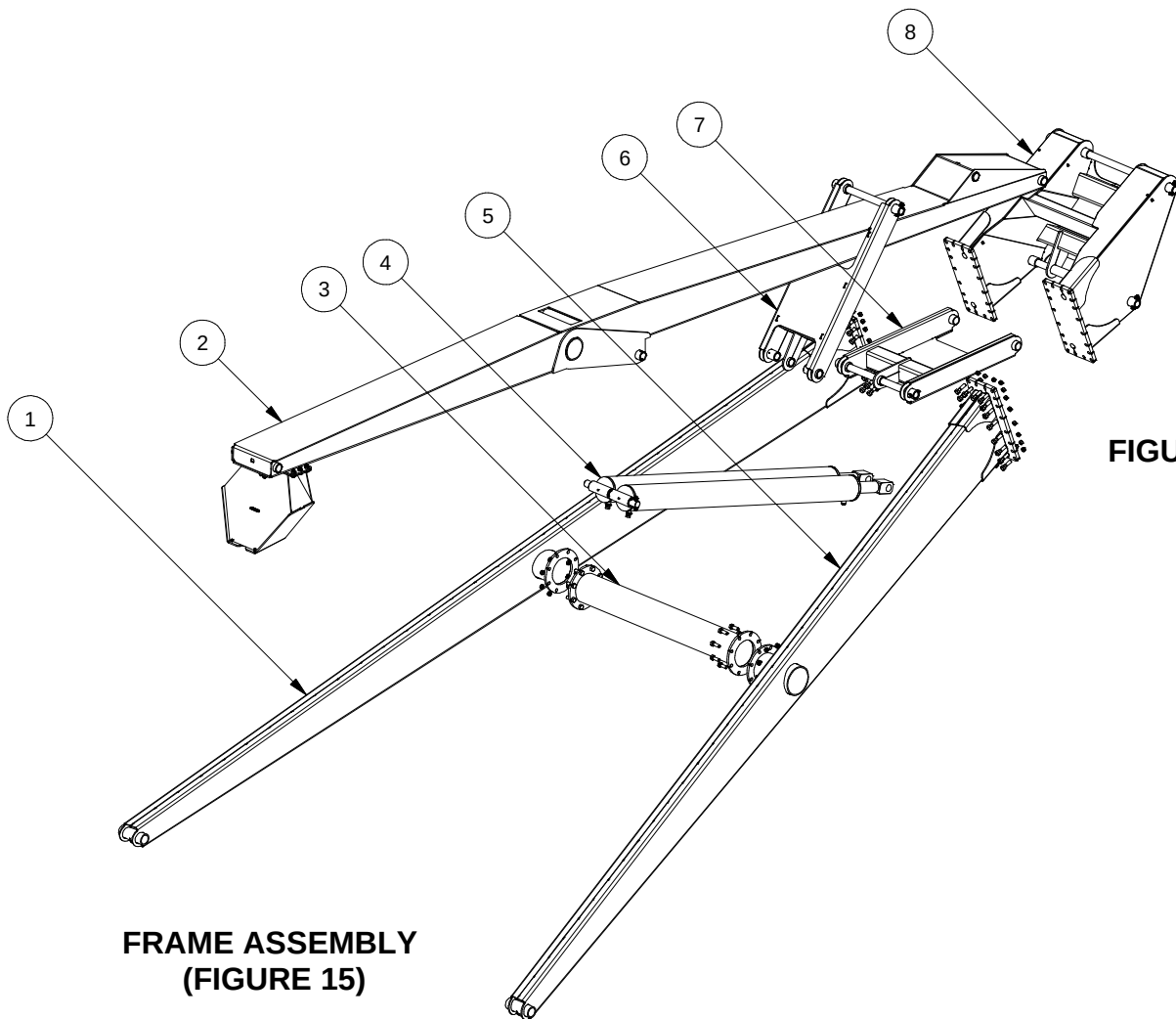
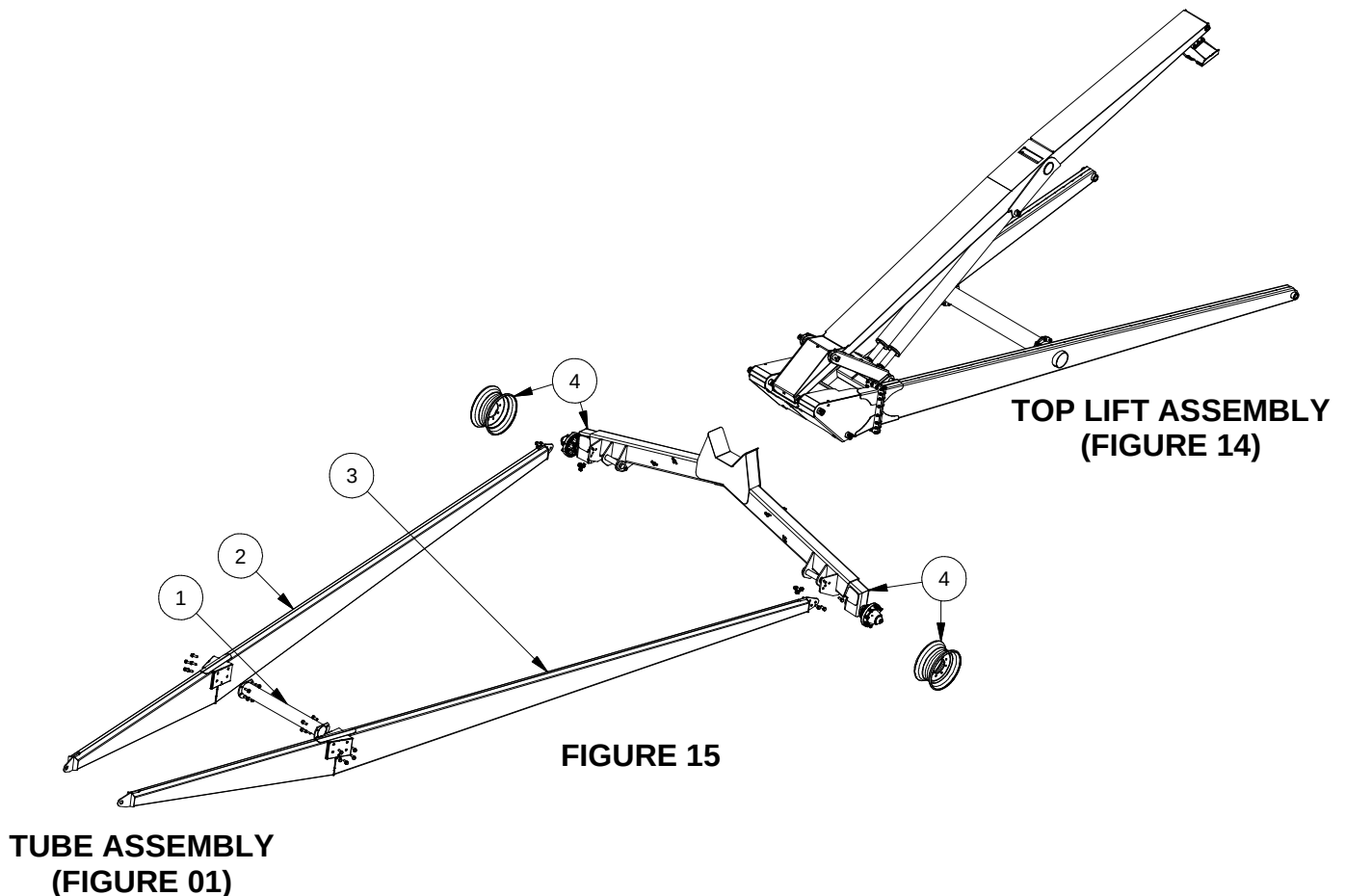


FIGURE 14

**FRAME ASSEMBLY
(FIGURE 15)**

FRAME ASSEMBLY

1. Lay frame out as shown in (Figure 15). Ensure item 5 (axel) is on jack stands prior to beginning assembly.
2. Fasten item 6 to item 5 using 1/2" dia bolts and stover locknuts.
3. Insert items 4 into item 5.
4. Refer to SET UP PROCEDURE page 13 step 8 for next set of instructions.
5. After completion of SET UP PROCEDURE steps 8 through 11 on page B1 continue with FRAME ASSEMBLY steps 6 through 9 on this page.
6. Fasten item 2 to item 5 using 3/4" dia bolts and stover locknuts.
7. Fasten item 3 to item 5 using 3/4" dia bolts and stover locknuts.
8. Fasten item 2 & 3 to item 1 using 5/8" dia flange bolts.
9. Refer to SET UP PROCEDURE page B1 step 12 for next set of instructions.



FEED TUBE ASSEMBLY

1. Assemble item 1 to item 4 with two 5/8" dia x 1-1/2" UNC bolt c/w lock nut.
2. Install UNIVERSAL JOINT to top end of GEAR BOX SHAFT.
3. Push item 3 between items 1 and 4.
4. Fasten item 3 to items 1 and 4 using two items 2.
5. Install item 6 to 7.
6. Install item 5 to item 4 by sliding under hooks and using two wingnuts to attach to bolts.
7. Refer to SET UP PROCEDURE page B1 step 12 for the next set of instructions.

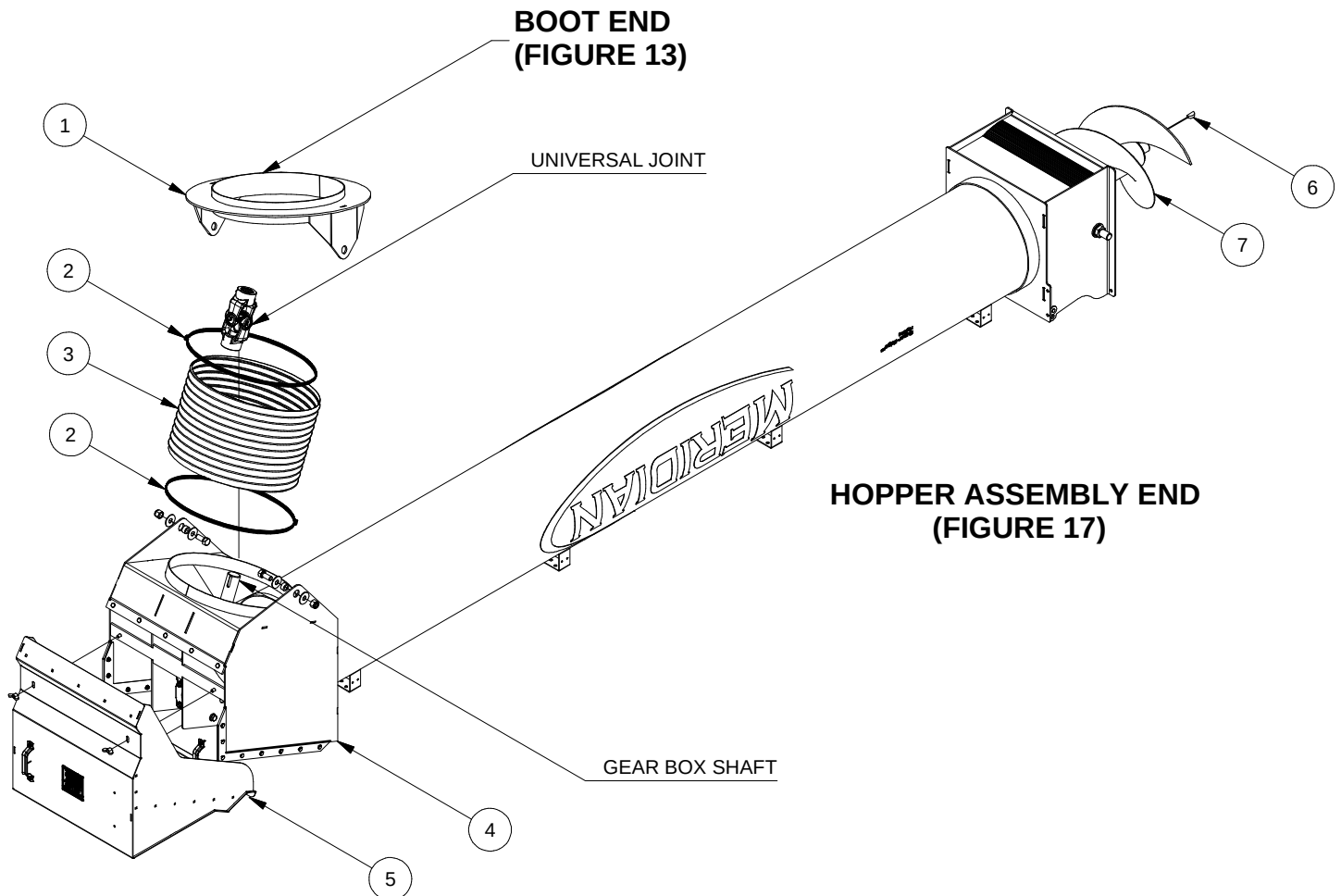


FIGURE 16

HOPPER ASSEMBLY

1. Attach items 9 and 10 to item 11 using 5/16" dia carriage bolts and flange nuts.
2. Attach item 2 to item 11 using 1" dia bolts, stover nuts, and washers.
3. Attach items 5 and 6 to item 11 using 1/4" dia flange bolts and nuts. Ensure assembly is pulled towards FEED TUBE ASSEMBLY before tightening bolts.
4. Attach item 1 to item 2 using a hair pin.
5. Bolt both item 3's to item 11 using 3/4" dia x 8-1/2" bolt, washer and lock nut. Place item 4 as shown in Figure 17.
6. Bolt all four item 7's to item 11 using item 8 along with a washer and cotter pin. Place item 4 as shown in Figure 17.
7. Refer to SET UP PROCEDURES page B1 step 14 for the next set of instructions.

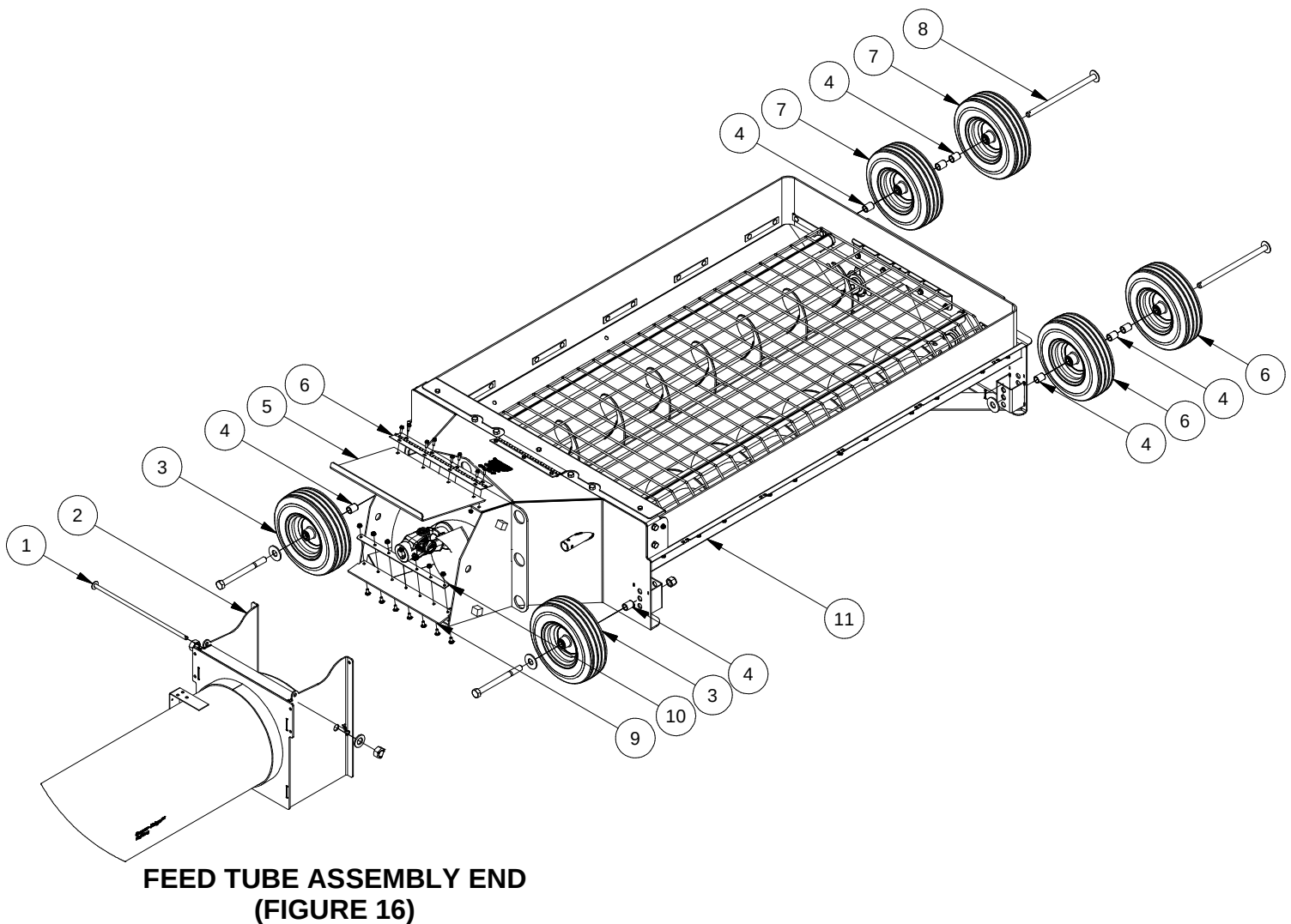
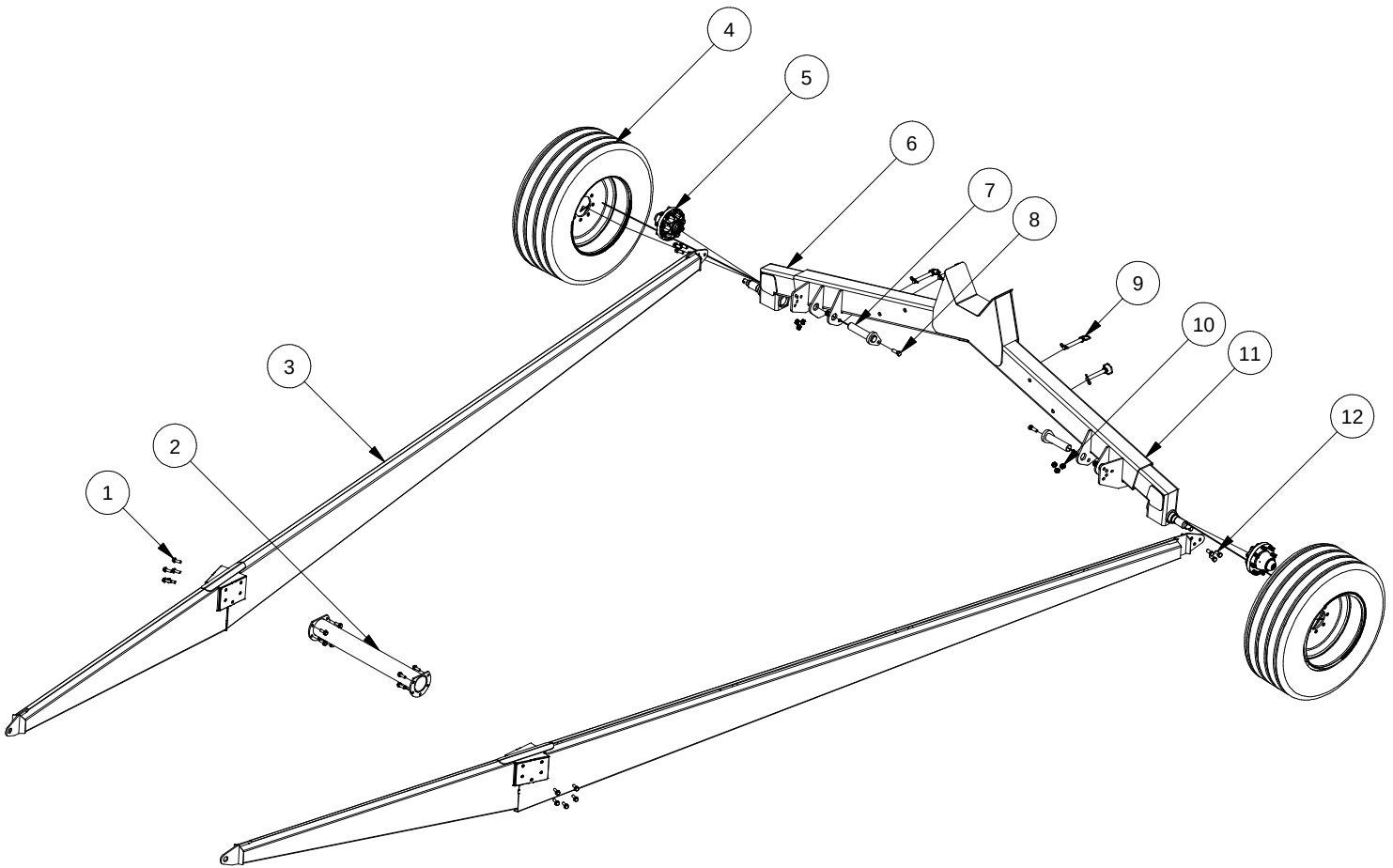


FIGURE 17

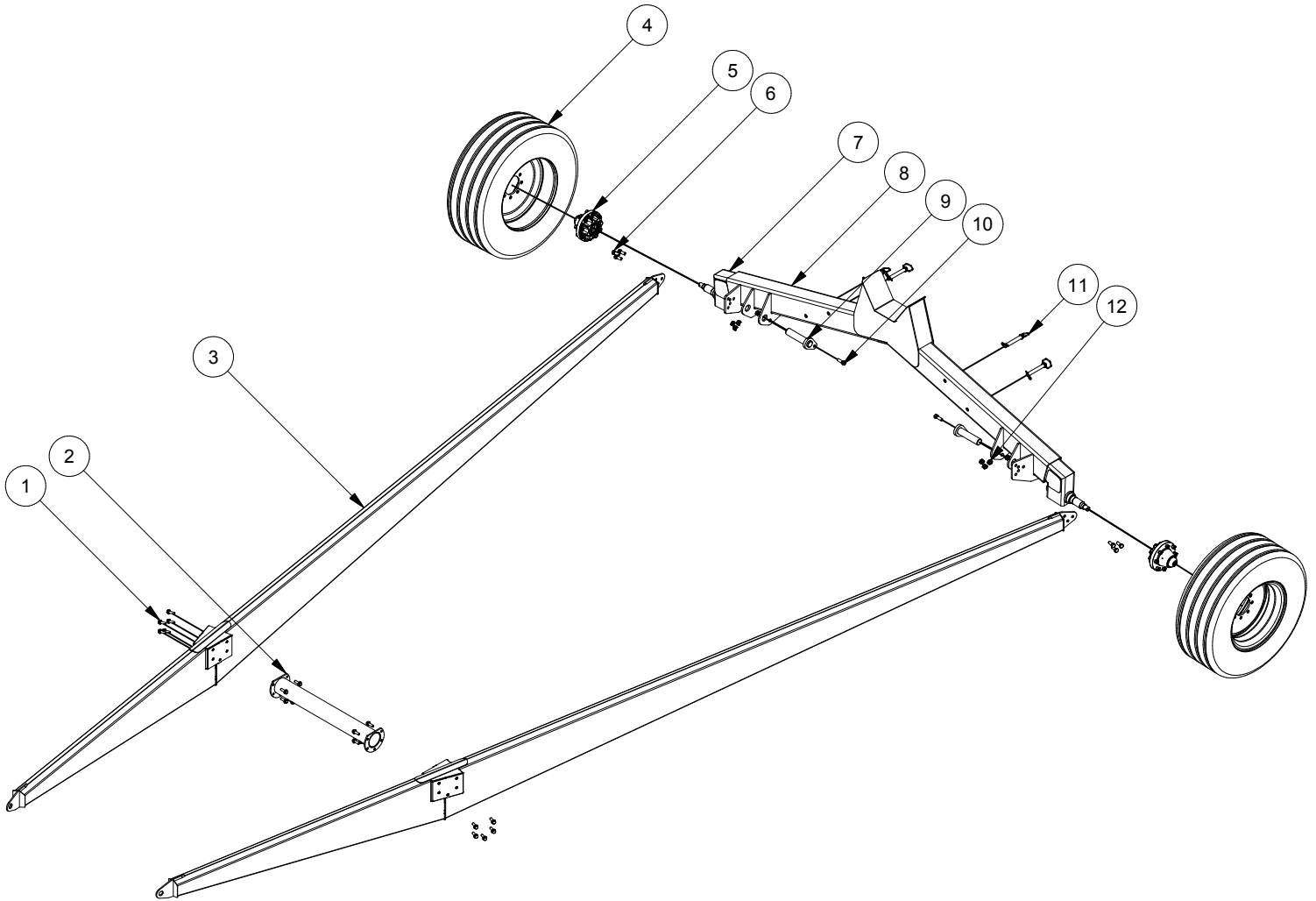
MAIN FRAME - 14115



NOTE:
Drawing reflects quantity one per component for clarity. Quantity table is accurate.

AUGER 14115			
REF #	PART #	QUANTITY	DESCRIPTION
1	13-0712-10028	20	Flange Bolt 5/8" x 1.75"- 11 UNC
2	13000004507-00	1	Cross Brace - Frame Main
3	13000004506-00	2	Arm
4	13000004661-00	2	Tire c/w Rim - 8 Bolt - 3.5'
5	13000004464-00	2	Hub 8-Bolt Assembly
6	13000004502-00	2	Axle Extension
7	13000004561-00	2	Pin - Axle to Arm
8	13-0702-12036	2	Hex Cap Screw 3/4-10 UNC - 2.25
9	13000004463-00	4	Pin - Axle
10	13-0730-00012	8	Stover Locknut 3/4" - 10
11	13000004483-00	1	Axle
12	13-0702-12028	6	Hex Cap Screw 3/4" x 1-3/4" - 10

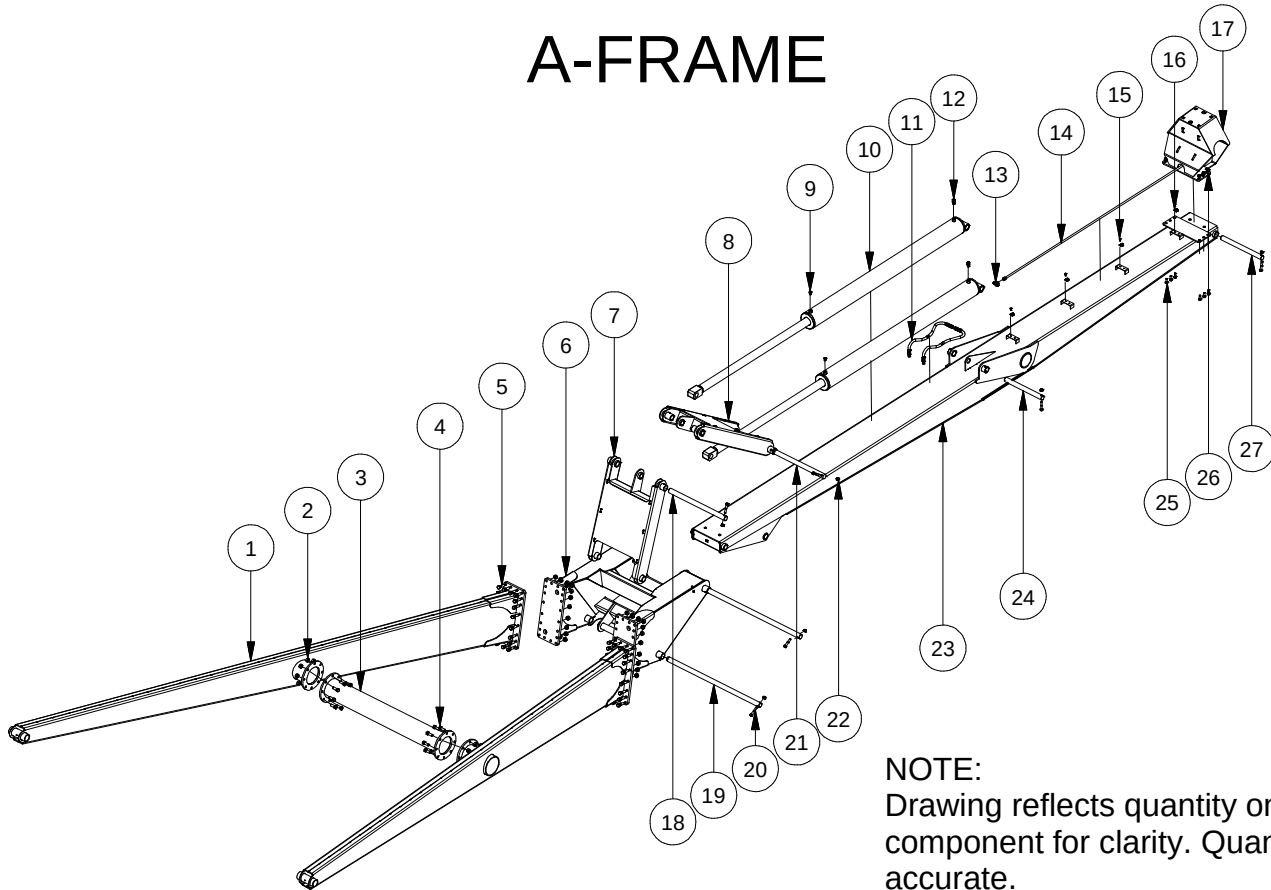
MAIN FRAME - 1495/14105



NOTE:
Drawing reflects quantity one per component for clarity. Quantity table is accurate.

AUGER 1495/14105			
REF #	PART #	QUANTITY	DESCRIPTION
1	13-0712-10028	20	Flange Bolt 5/8" x 1.75"- 11 UNC
2	13000004507-00	1	Cross Brace
3	13000004506-00	2	Arm
4	13000004661-00	2	Tire c/w Rim - 8 Bolt - 3.5'
5	13000004464-00	2	Hub 8-Bolt Assembly
6	13-0702-12028	6	Hex Cap Screw 3/4" x 1-3/4" - 10
7	13000004502-00	2	Axle Extension
8	13000004483-00	1	Axle
9	13000004561-00	2	Pin - Axle to Arm
10	13-0702-12036	2	3/4-10 UNC - 2.25
11	13000004463-00	4	Pin - Axle
12	13-0730-00012	8	Stover Locknut 3/4" - 10

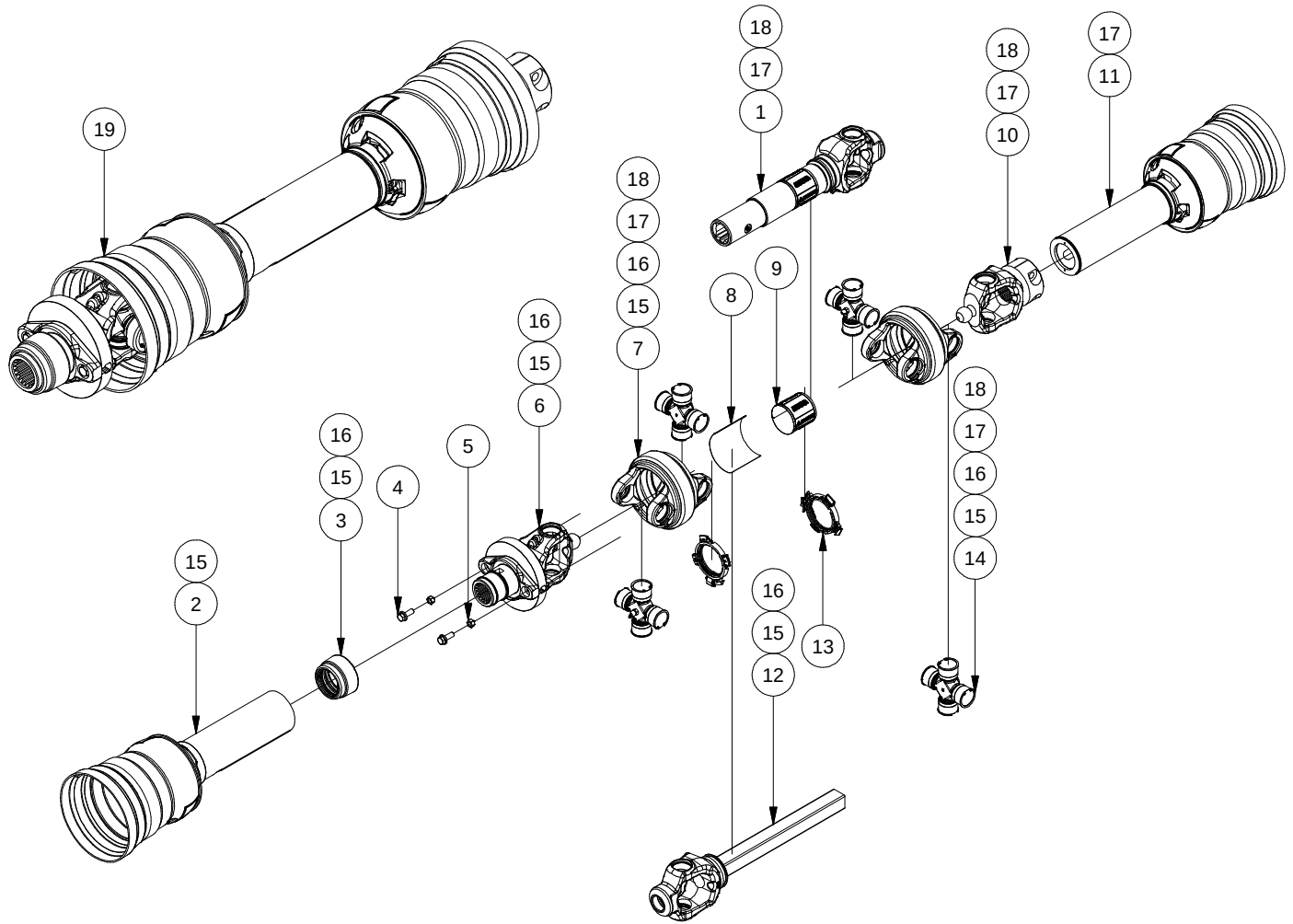
A-FRAME



AUGER 14

REF #	PART #	QUANTITY	DESCRIPTION
1	13000004504-00	2	Lift Bottom
2	13-0730-00010	56	Stover Locknut 5/8" -11
3	13000004505-00	1	Cross Brace
4	13-0702-10028	16	Hex Cap Screw 5/8" x 1-3/4" - 11
5	13-0702-10036	40	Hex Cap Screw 5/8" x 2-1/4" - 11
6	13000004524-00	1	Hinge c/w Bushings
7	13000004510-00	1	Scissor Short w/ Bushings
8	13000004509-00	1	Scissor Long w/ Bushings
9	13000002996-00	2	Hydraulic Vent 3/8" NPT
10	13000004295-00	2	Cylinder - Frame A
11	13000004457-00	2	Cylinder Hose
12	13000002997-00	2	Reduced Orifice Fitting
13	13000004428-00	1	Fitting Hyd Tee
14	13000004525-00	1	Hydraulic Line c/w Fittings
15	13-0706-04010	4	Self Threading Screw 1/4" x 5/8"
16	13000003095-00	4	Hyd. Line Clip c/w Rubber Insert
17	13000004931-00	1	Rest Male
18	13000004559-00	1	Pin - Scissors to Cylinder
19	13000004990-00	2	Pin - Lift Top to Hinge
20	13-0708-08024	6	Hex Cap Screw 1/2-13 UNC - 2.75 GR8
21	13000004998-00	1	Pin - Lift Top to Scissor
22	13-0703-00008	6	Stover Locknut 1/2-13 UNC - Gr 8
23	13000004503-00	1	Lift Top
24	13000004557-00	1	Pin - Lift Top to Cylinder
25	13-0702-08020	6	Hex Cap Screw 1/2" x 1-1/4" - 13
26	13-0730-00008	6	Stover Locknut 1/2"-13
27	13000004558-00	1	Pin - Lift Top to Middle

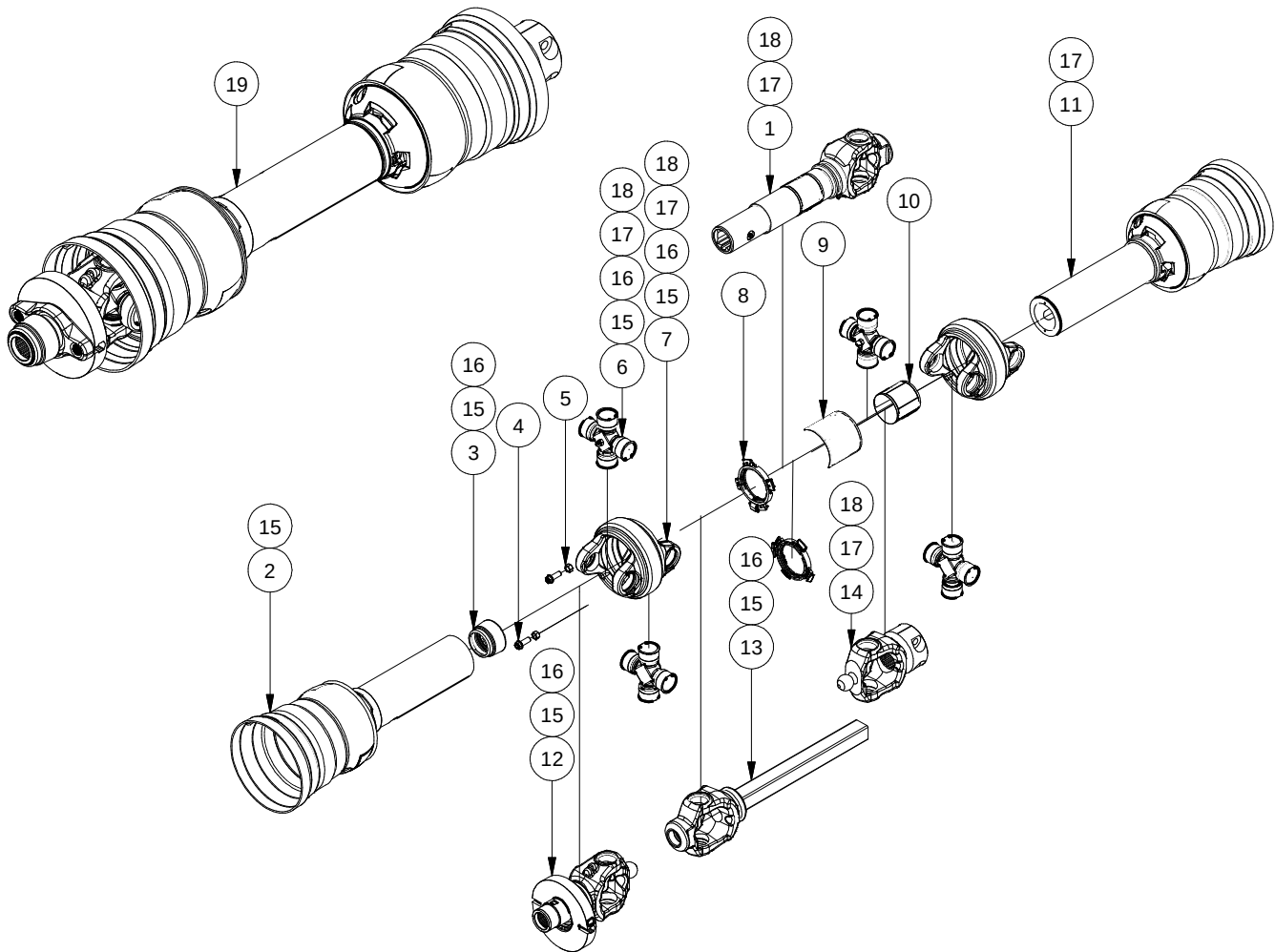
PTO SHAFT ASSEMBLY - 3/4" - OPTIONAL



AUGER 14

REF #	PART #	QUANTITY	DESCRIPTION
1	13000004411-00	1	Yoke, Tube & Slip Sleeve
2	13000004408-00	1	Guard Outer
3	13000004729-00	1	SSL/Auto-Lok Repair Kit
4	13-0712-06016	2	3/8-16 UNC x 1 Flange Bolt
5	13-0730-00006	2	3/8-16 stover
6	13000004728-00	1	Ball Shear Assembly
7	13000004404-00	2	Housing Center
8	13000004407-00	1	Safety Sign
9	13000004410-00	1	Safety Sign Long
10	13000004412-00	1	Yoke
11	13000004409-00	1	Guard Inner
12	13000004405-00	1	Yoke & Shaft
13	13000004406-00	2	Guard Repair Kit
14	13000004403-00	4	SSE Cross Kit
15	13000004731-00	-	Joint & Shaft Half Asm w/ Guard - Includes Items 2, 3, 6, 7, 12, 14
16	13000004730-00	-	Joint & Shaft Half Asm - Includes Items 3, 6, 7, 12, 14
17	13000004417-00	-	Joint & Tube Half Asm w/ Guard - Includes Items 1, 7, 10, 11, 14
18	13000004416-00	-	Joint & Tube Half Asm - Includes Items 1, 7, 10, 14
19	13000004727-00	-	Complete PTO Shaft Assembly

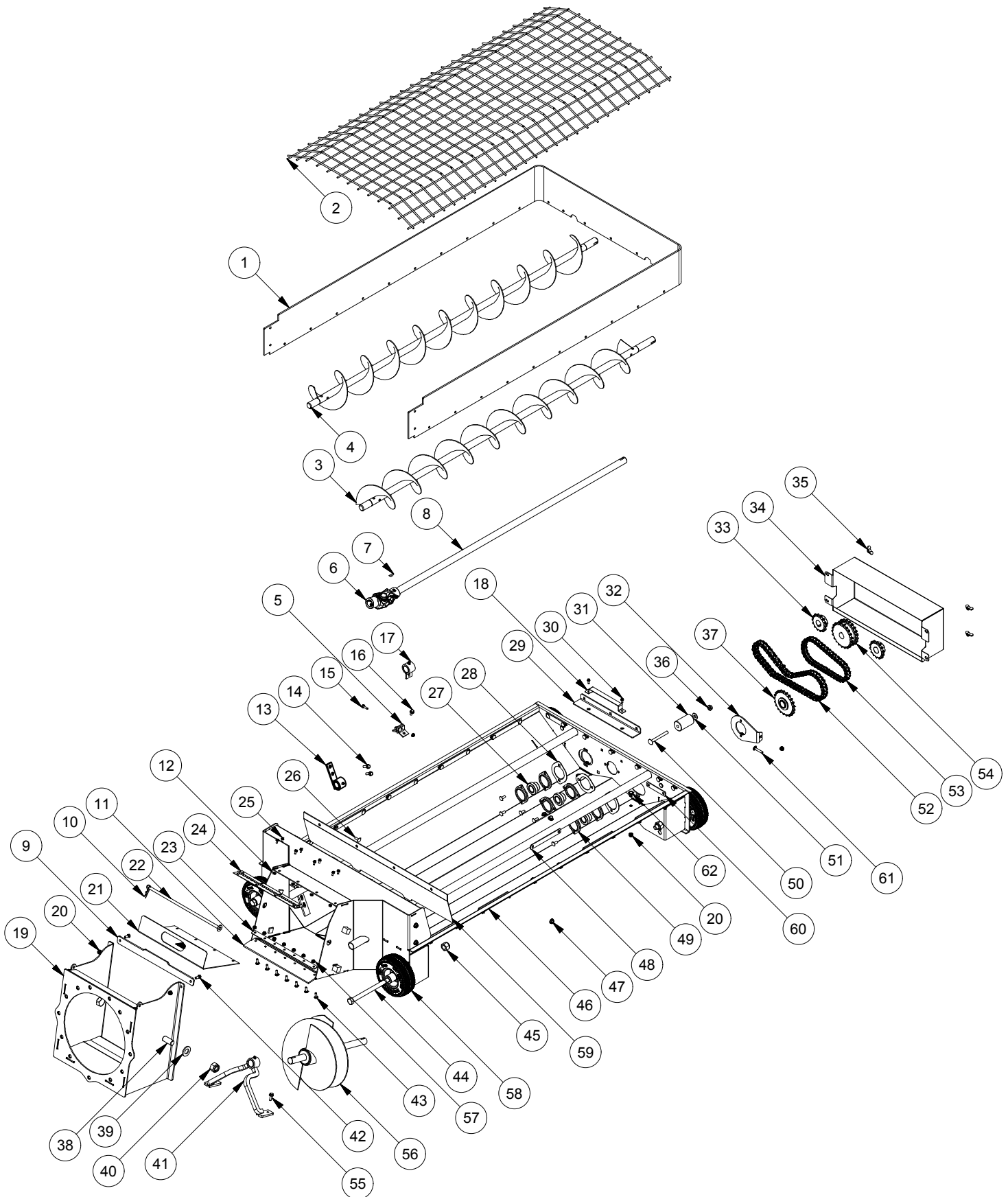
PTO SHAFT ASSEMBLY - 3/8" - STANDARD



AUGER 14

REF #	PART #	QUANTITY	DESCRIPTION
1	13000004411-00	1	Yoke, Tube & Slip Sleeve
2	13000004408-00	1	Guard Outer
3	13000003406-00	1	SSL/Auto-Lok Repair Kit
4	13-0712-06016	2	Whiz-Lock Bolt 3/8" x 1-18
5	13-0730-00006	2	3/8-16 stover
6	13000004403-00	4	SSE Cross Kit
7	13000004404-00	2	Housing Center
8	13000004406-00	2	Guard Repair Kit
9	13000004407-00	1	Safety Sign
10	13000004410-00	1	Safety Sign Long
11	13000004409-00	1	Guard Inner
12	13000004402-00	1	Ball Shear Assembly
13	13000004405-00	1	Yoke & Shaft
14	13000004412-00	1	Yoke
15	13000004415-00	-	Joint & Shaft Half Asm w/ Guard - Includes Items 2,3,6,12,13
16	13000004414-00	-	Joint & Shalf Half Ass'y - Includes Items 3,6,7,12,13
17	13000004417-00	-	Joint & Tube Half Asm w/ Guard - Includes Items 1,6,7,11,14
18	13000004416-00	-	Joint & Tube Ass'y - Includes Items 1,6,7,14
19	13000002374-00	-	Complete PTO Shaft Assembly

HOPPER - LOW PROFILE



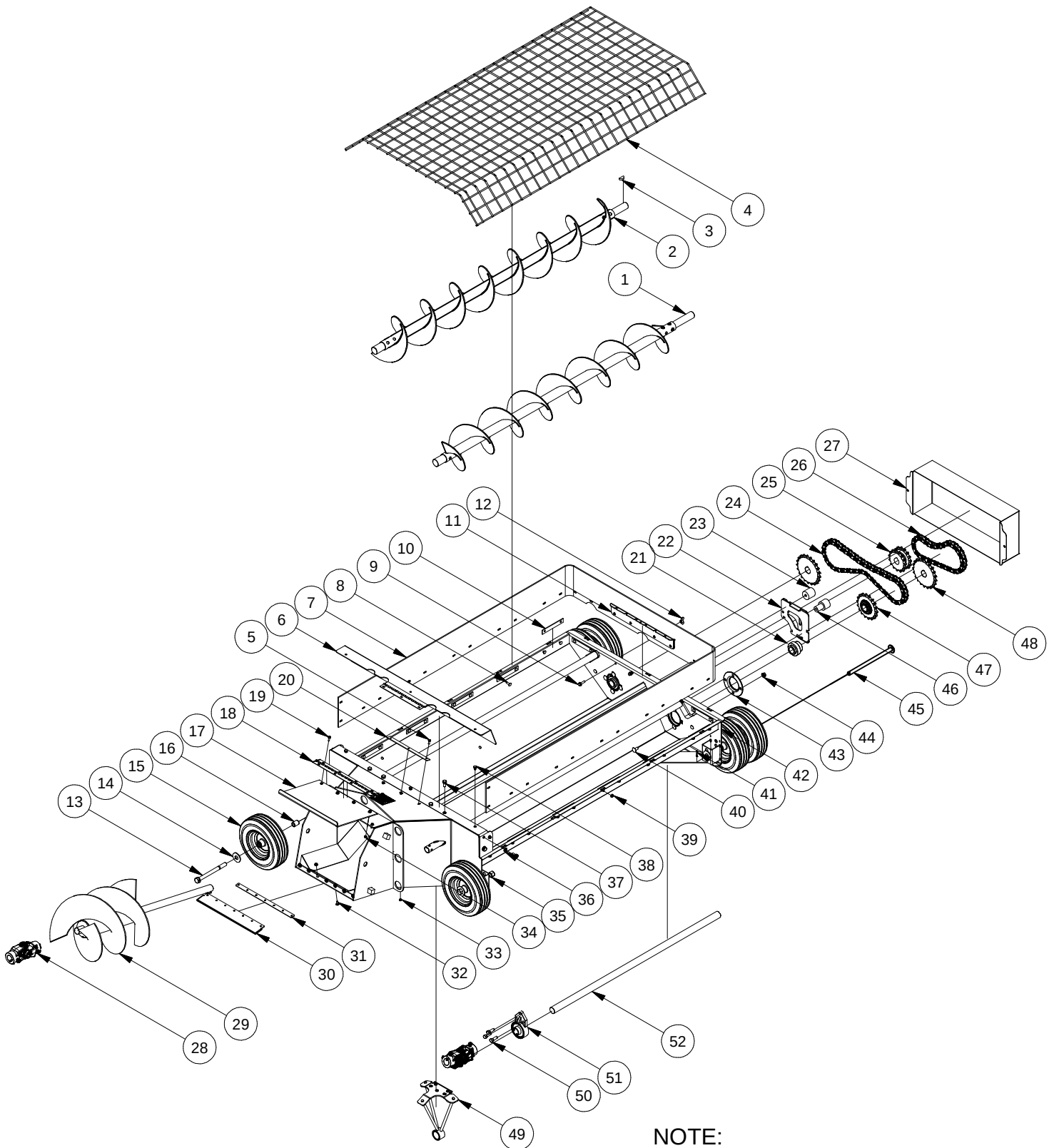
PARTS

HOPPER - LOW PROFILE

AUGER14

REF #	PART #	QUANTITY	DESCRIPTION
1	13000004683-00	1	Rubber
2	13000004675-00	1	Mesh
3	13000004665-00	1	Flight LH
4	13000004666-00	1	Flight RH
5	13000004673-00	2	Leg
6	13000003724-00	1	12EBL Universal Joint - 1 1/4" RND
7	13-0740-00808	2	Woodruff Key, 1/4" x 1"
8	13000004681-00	1	Drive Shaft
9	13000004948-00	1	Tie Bar
10	13-0739-02040	1	1/8" x 2 1/2" Hair Pin
11	13000004685-00	1	Inner Throat Wiper
12	13-0731-00004	8	Flange Lock Nut 1/4-20
13	13000004663-00	2	Hanger
14	13-0712-06020	4	Flange Lock Bolt 3/8 x 1-1/4 -16
15	13-0712-05016	1	Flange Lock Bolt 5/16 x 1-18
16	13-0712-06012	4	Flange Lock Bolt 3/8 x 3/4-16
17	13000004669-00	1	Drive Shaft Holder
18	13000004672-00	1	Tie Down
19	13000004872-00	1	Throat L/P
20	13-0730-00006	6	NUT, HEX, NYLOCK3/8-16 UNC Steel, Mild
21	13000004696-00	1	Inspection Door
22	13000004265-00	1	Pin Lock
23	13000004679-00	1	Wiper Plate
24	13000004682-00	1	Hinge Throat
25	13-0712-04008	8	Flange Lock Bolt 1/4 x 1/2-20
26	13-0709-06016	37	Carriage Bolt 3/8 x 1-16
27	13000002316-00	3	Flight Bearing
28	13000002751-00	3	Sealing Plate
29	13000004674-00	1	Bracket Hold Down
30	13-0712-04010	2	Flange Lock Bolt 1/4 x 5/8-20
31	13000004883-00	1	Idler
32	13000003391-00	2	Plate Chain Tension
33	13000001668-00	2	Sprocket - 60B14 - 1.25" Hardened
34	13000004668-00	1	Guard Drive
35	13-0732-00006	8	Wing Nut
36	13-0731-00008	1	Flange Lock Nut 1/2-13
37	13000004690-00	1	Idler
38	13-0702-16040	2	Hex Cap Screw 1 x 2-1/2-8
39	13-0736-00016	2	Flat SAE Washer 1"
40	13-0729-00016	2	Nylon Locknut 1-8
41	13000004667-00	1	Hanger Throat
42	13-0702-06014	2	Hex Cap Screw 3/8-16 UNC - 0.875
43	13-0709-05016	7	Carriage Bolt 5/16 x 1-18
44	13-0702-12176	4	Hex Cap Screw 3/4 x 11-10
45	13-0729-00014	4	Nylon Locknut 7/8-9
46	13000004670-00	1	Pan
47	13-0731-00006	43	Flange Lock Nut 3/8-16
48	13000004677-00	10	Plate - Bracket Rubber Long
49	13000001239-00	6	Bearing Flangette
50	13-0709-08072	1	Carriage Bolt 1/2 x 4-1/2-13
51	13-0735-00008	1	Flat Washer 1/2"
52	13000004884-00	1	Chain 60-1R-58 c/w Con Link
53	13000004691-00	1	Chain 60-1R-36 c/w Connector Link
54	13000004875-00	1	Sprocket - 60A21SD - 1.25" Hardened
55	13-0712-06016	2	Flange Lock Bolt 3/8 x 1-16
56	13000004664-00	1	Flight - Throat
57	13-0731-00005	8	Flange Lock Nut 5/16-18
58	13000004686-00	4	Tire c/w Rim
59	13000004671-00	1	Boil Cover
60	13000004678-00	4	Bracket Rubber Short
61	13-0709-06032	2	Carriage Bolt 3/8 x 2-16
62	13070906012	2	Carriage Bolt-3/8"UNC x 3/4"

HOPPER ASSEMBLY - 74"



NOTE:

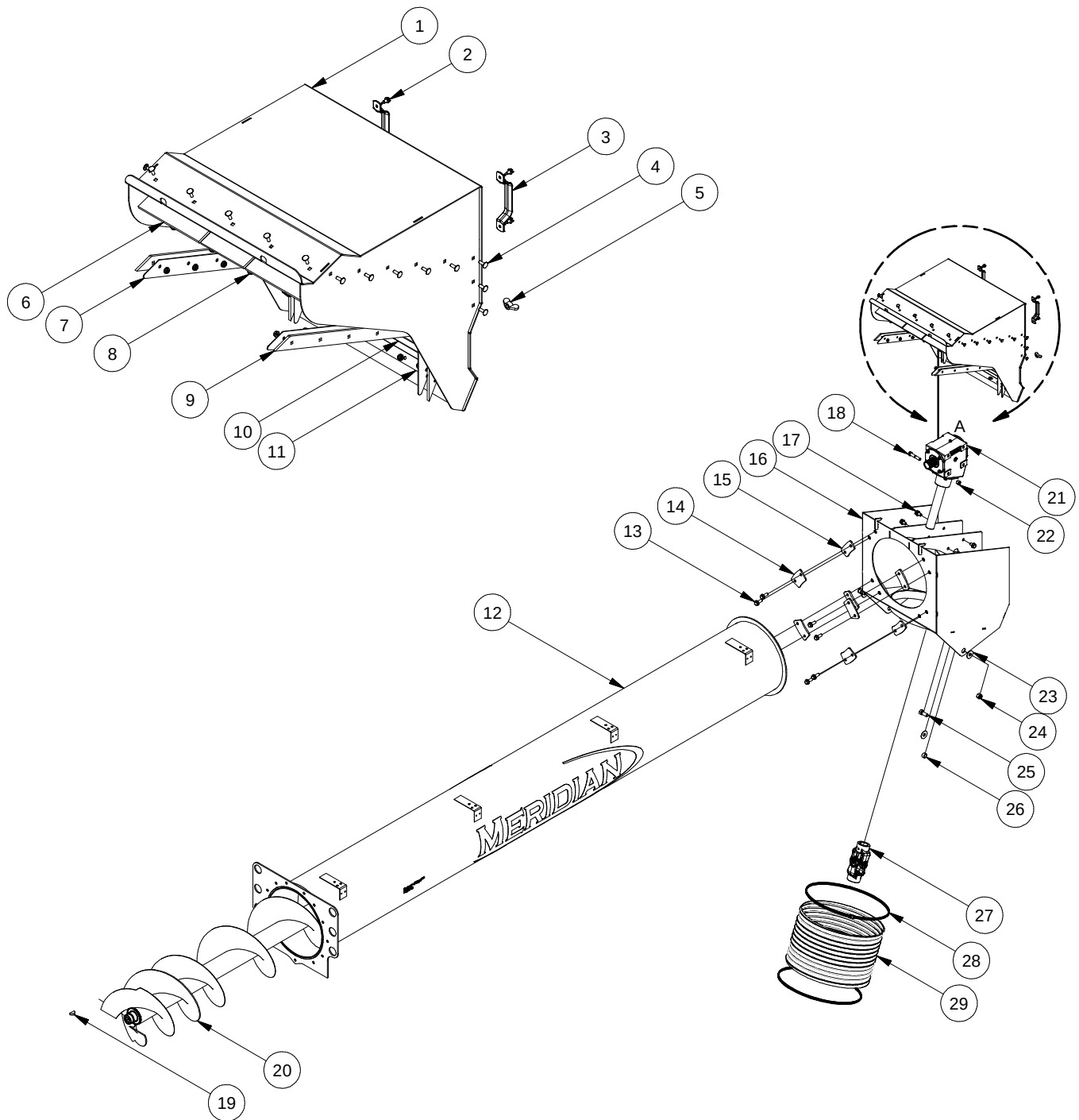
Drawing reflects quantity one per component for clarity. Quantity table is accurate.

HOPPER ASSEMBLY - 74"

AUGER 14

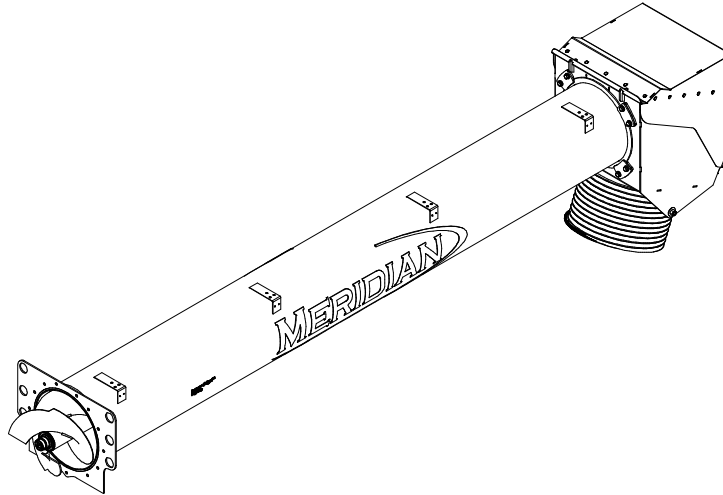
REF #	PART #	QUANTITY	DESCRIPTION
1	13000004603-00	1	Flight LH
2	13000004604-00	1	Flight RH
3	13-0740-01210	5	Woodruff Key, 3/8" x 1 1/4"
4	13000004601-00	1	Mesh
5	13-0702-04012	3	Hex Cap Screw 1/4" x 3/4" - 20
6	13000004214-00	1	Boil Cover
7	13000004606-00	1	Rubber
8	13-0709-05016	28	Carraige Bolt 5/16" x 1" - 18
9	13-0712-06020	4	Flange Lock Bolts 3/8" x 1-1/4" - 16
10	13000004256-00	14	Bracket Rubber
11	13000004262-00	1	Bracket - Hold Down
12	13-0732-00006	2	Wing Nut Steel 3/8" - 16
13	13-0702-12136	2	Hex Cap Screw 3/4" x 8-1/2" - 10
14	13-0735-00014	4	Flat Washer 7/8"
15	13000003239-00	6	Wheel c/w Tire
16	13000003061-00	8	Wheel Spacer
17	13000004263-00	1	Lid Inspection
18	13000004264-00	1	Hinge - Throat
19	13-0712-04012	8	Lock Bolt 1/4" x 3/4" - 20
20	13000004215-00	1	Spacer
21	13000004158-00	3	Bearing w/ Collar
22	13000004528-00	1	Mount Idler
23	13000004551-00	1	Idler Short
24	13000004160-00	1	Chain 80-1R-58
25	13000003806-00	1	Sprocket Drive
26	13000004197-00	1	Chain 80-1R-38
27	13000003751-00	1	Guard Drive
28	13000004157-00	2	U-Joint 35E
29	13000004151-00	1	Flight Throat
30	13000004212-00	1	Inner Throat Wiper
31	13000004213-00	1	Wiper Plate
32	13-0709-05012	7	Carriage Bolt 5/16" x 3/4" - 18
33	13-0725-00004	3	Hex Nut 1/4" - 20
34	13-0731-00004	8	Flange Locknut 1/4" - 20
35	13-0729-00012	1	Nylon Locknut 3/4" - 10
36	13-0734-00008	4	Spring Lock Washer 1/2"
37	13-0702-08016	8	Hex Cap Screw 1/2" x 1" - 13
38	13-0702-06008	3	Hex Cap Screw 3/8" x 1/2" - 16
39	13-0731-00005	39	Flange Locknut 5/16" - 18
40	13-0709-08016	12	Carriage Bolt 1/2" x 1" - 13
41	13-0737-04040	2	Cotter Pin - 1/8" x 1 1/4"
42	13000004600-00	1	Pan
43	13000004159-00	6	Round Flangette
44	13-0731-00008	12	Flange Locknut 1/2" - 13
45	13000004618-00	2	Pin - Tire
46	13000004552-00	1	Idler Long
47	13000004211-00	1	Sprocket Reversing
48	13000003807-00	2	Sprocket Flight
49	13000004152-00	2	Flight Bracket w/ Bushing
50	13-0702-08024	6	Hex Cap Screw 1/2" x 1-1/2" - 13
51	13000004156-00	2	Bearing Bracket
52	13000004602-00	1	Drive Shaft Bottom

FEED AUGER HEAD AND TUBE - L/P



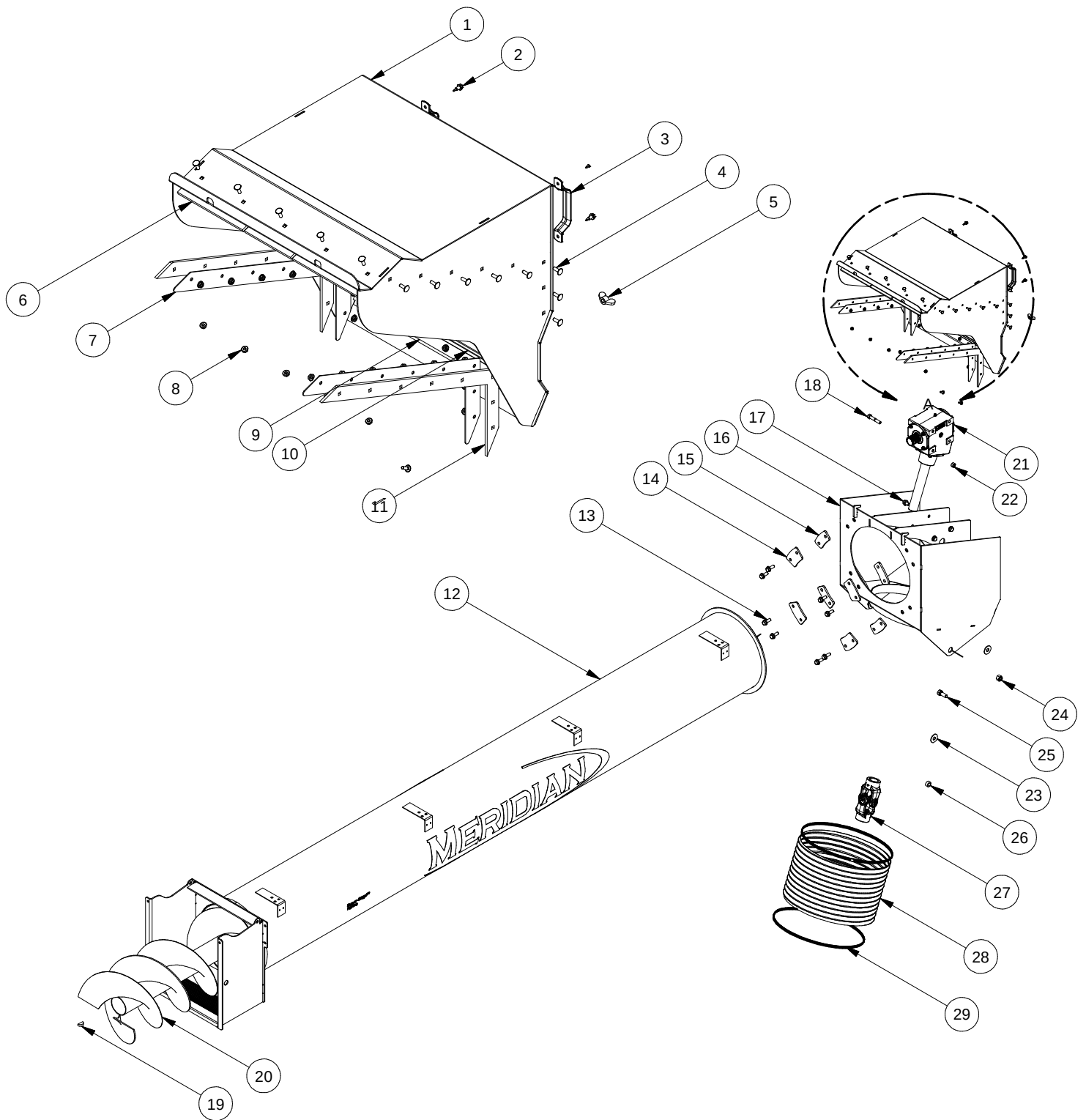
NOTE:
Drawing reflects quantity one per component for clarity. Quantity table is accurate.

FEED AUGER HEAD AND TUBE - L/P

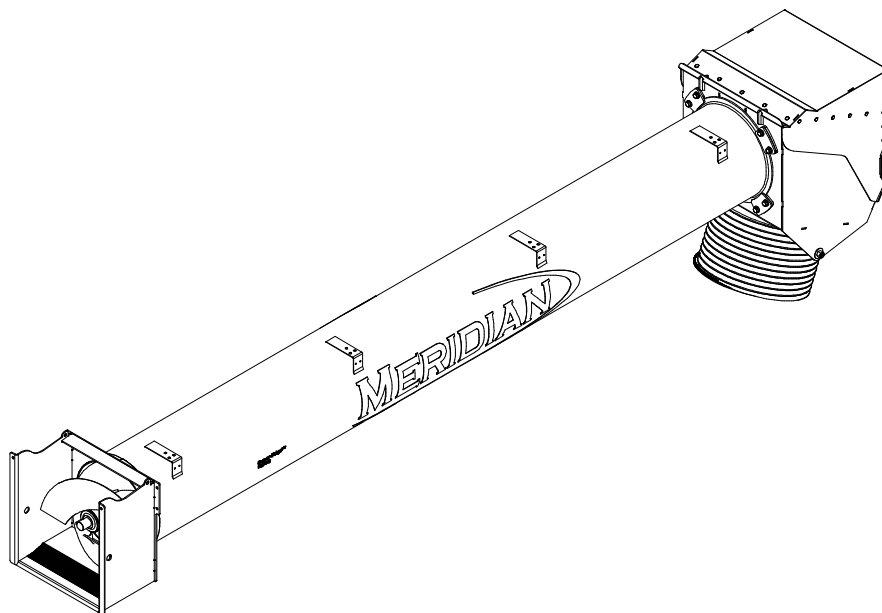


AUGER 14			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000004164-00	1	Cover - Feed Head
2	13-0707-04012	4	Screw Self Drill 1/4" x 3/4"
3	13000003029-00	2	Steel Plated Handle
4	13-0709-04012	26	Carriage Bolt - 1/4-20 x 3/4
5	13-0732-00006	2	Wing Nut Steel 3/8"
6	13000004776-00	1	Seal Top
7	13000004772-00	2	Flashing Side
8	13-0731-00004	26	Flange Nut 1/4-20 UNC
9	13000004774-00	2	Seal Side
10	13000004773-00	1	Seal Back
11	13000004775-00	2	Flashing Back
12	13000004870-00	1	Tube Feed L/P
13	13-0712-08020	8	Flange Lock Bolt 1/2" x 1-1/4"
14	13000004167-00	4	Plate Pivot Top
15	13000004168-00	4	Plate Pivot Spacer
16	13000004163-00	1	Head
17	13-0712-08012	6	Flange Lock Bolt 1/2" x 3/4"
18	13-0702-08044	1	Hex Cap Screw 1/2" x 2-3/4"
19	13-0740-01210	1	Woodruff Key, 3/8" x 1 1/4"
20	13000004871-00	1	Flight Feed L/P
21	13000004046-00	1	Gearbox - Head
22	13-0725-00008	1	Hex Nut 1/2"
23	13-0735-00010	4	Flat Washer 5/8"
24	13-0729-00010	2	Nylon Locknut 5/8"
25	13-0702-10024	2	Hex Cap Screw 5/8" x 1-1/2"
26	13000003034-00	2	Pivot Bushing
27	13000003727-00	1	U-Joint 35E
28	13000003802-00	2	Clamp Hose
29	13000003760-00	1	Tube - Rubber

FEED AUGER HEAD AND TUBE - 74"

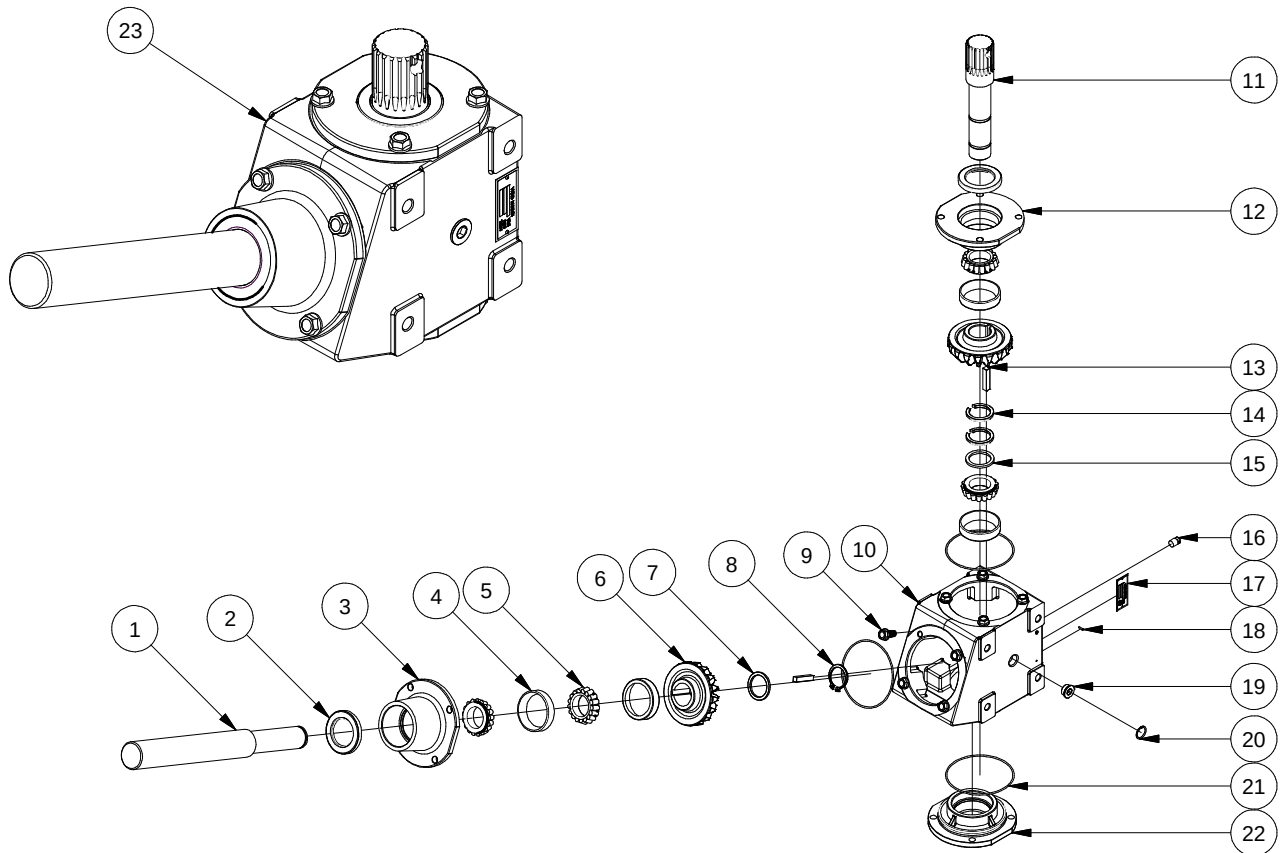


FEED AUGER HEAD AND TUBE - 74"



AUGER 14			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000004164-00	1	Cover
2	13-0707-04012	4	Screw Self Drill
3	13000003029-00	2	Handle
4	13-0709-04012	26	Carriage Bolt - 1/4" x 3/4"
5	13-0732-00006	2	Wing Nut - 3/8"
6	13000004776-00	1	Seal Top
7	13000004772-00	2	Flashing Side
8	13-0731-00004	26	Flange Nut- 1/4"
9	13000004775-00	2	Flashing Back
10	13000004773-00	1	Seal Back
11	13000004774-00	2	Seal Side
12	13000004161-00	1	Tube Feed
13	13-0712-08020	8	Flange Lock Bolt - 1/2" x 1-1/4"
14	13000004167-00	4	Plate Pivot Top
15	13000004168-00	4	Plate Pivot Spacer
16	13000004163-00	1	Head
17	13-0712-08012	6	Flange Lock Bolt - 1/2 x 3/4"
18	13-0702-08044	1	Hex Cap Screw - 1/2" x 2-3/4"
19	13-0740-01210	1	Woodruff Key, 3/8" x 1 1/4"
20	13000004162-00	1	Flight Feed
21	13000004046-00	1	Gearbox
22	13-0725-00008	1	Hex Nuts - 1/2"
23	13-0735-00010	4	Plain Washer - 5/8"
24	13-0729-00010	2	Nylon Lock Nut - 5/8"
25	13-0702-10024	2	Hex Cap Screw -5/8" x 1-1/2"
26	13000003034-00	2	Pivot Bushing
27	13000003727-00	1	U-Joint 35E
28	13000003760-00	1	Tube - Rubber
29	13000003802-00	2	Clamp Hose

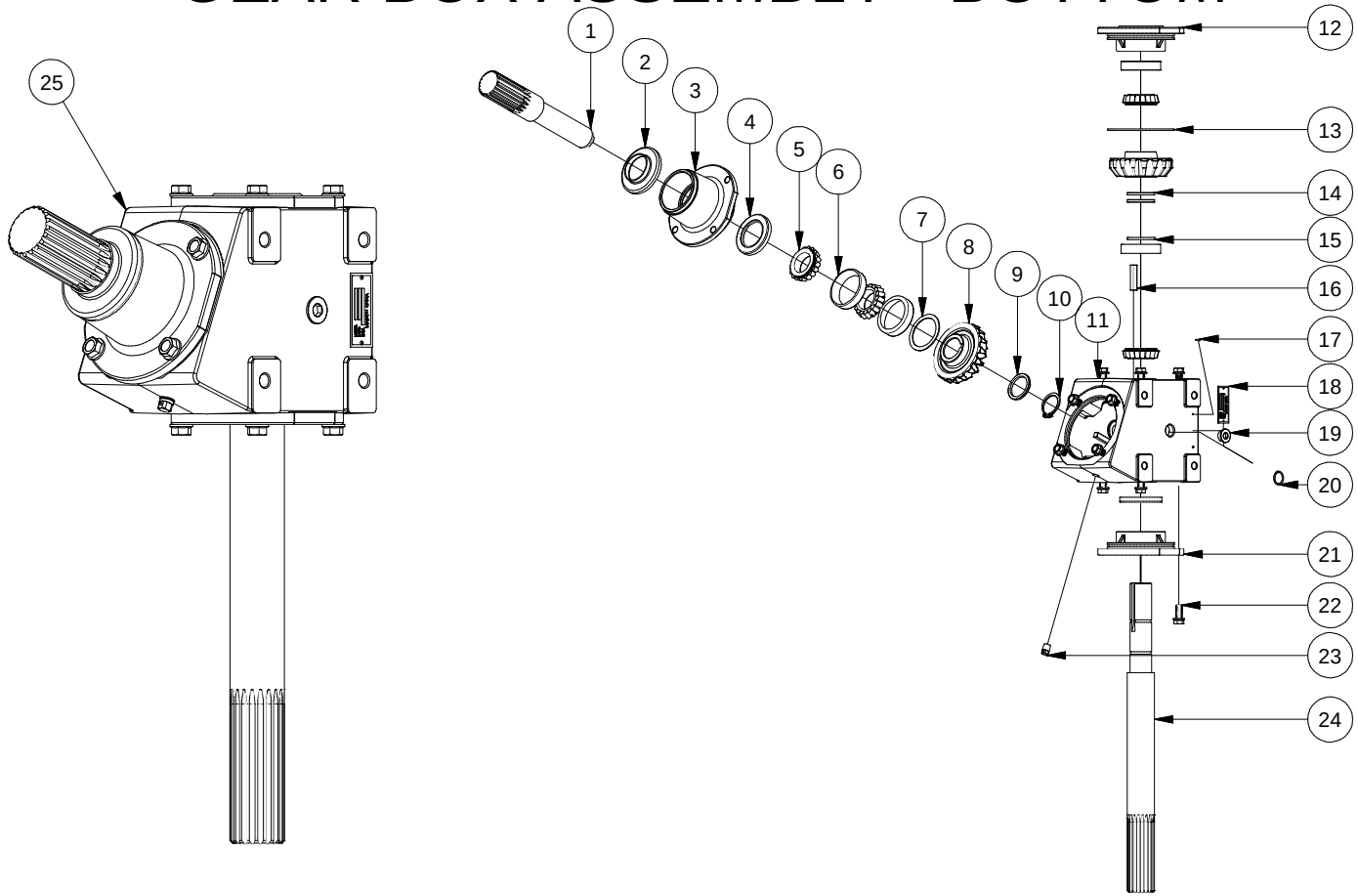
GEAR BOX ASSEMBLY - TOP



AUGER 14			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000004324-00	1	Shaft Output
2	13000004314-00	2	Seal
3	13000004325-00	1	Quill
4	13000004333-00	4	Bearing Cup LM48510
5	13000004316-00	4	Bearing Cone LM485548
6	13000004330-00	2	Gear
7	13000004326-00	1	Spacer - Output
8	13000004327-00	1	Snap Ring 35x2.5
9	13000004315-00	12	Cap Screw 3/8"-16UNC x 1"
10	13000004318-00	1	Housing
11	13000004320-00	1	Shaft Input
12	13000004317-00	1	Cap End - Thru Shaft
13	13000004328-00	2	Key - 7.95x7.65x41
14	13000004321-00	2	Ring Retaining 35x4
15	13000004323-00	1	Spacer - Input
16	13000004319-00	1	Plug Vent
17	13000004331-00	1	Label
18	13000004332-00	2	Rivet - Gearbox - Head
19	13000004313-00	2	Pipe Plug 3/4-16 UNF
20	13000004334-00	2	O-Ring 18 x 2 - Gearbox - Head
21	13000004329-00	3	O-Ring 105x3.1
22	13000004322-00	1	Cap End - Closed End
23	13000004046-00	-	Complete Gear Box Assembly

PARTS

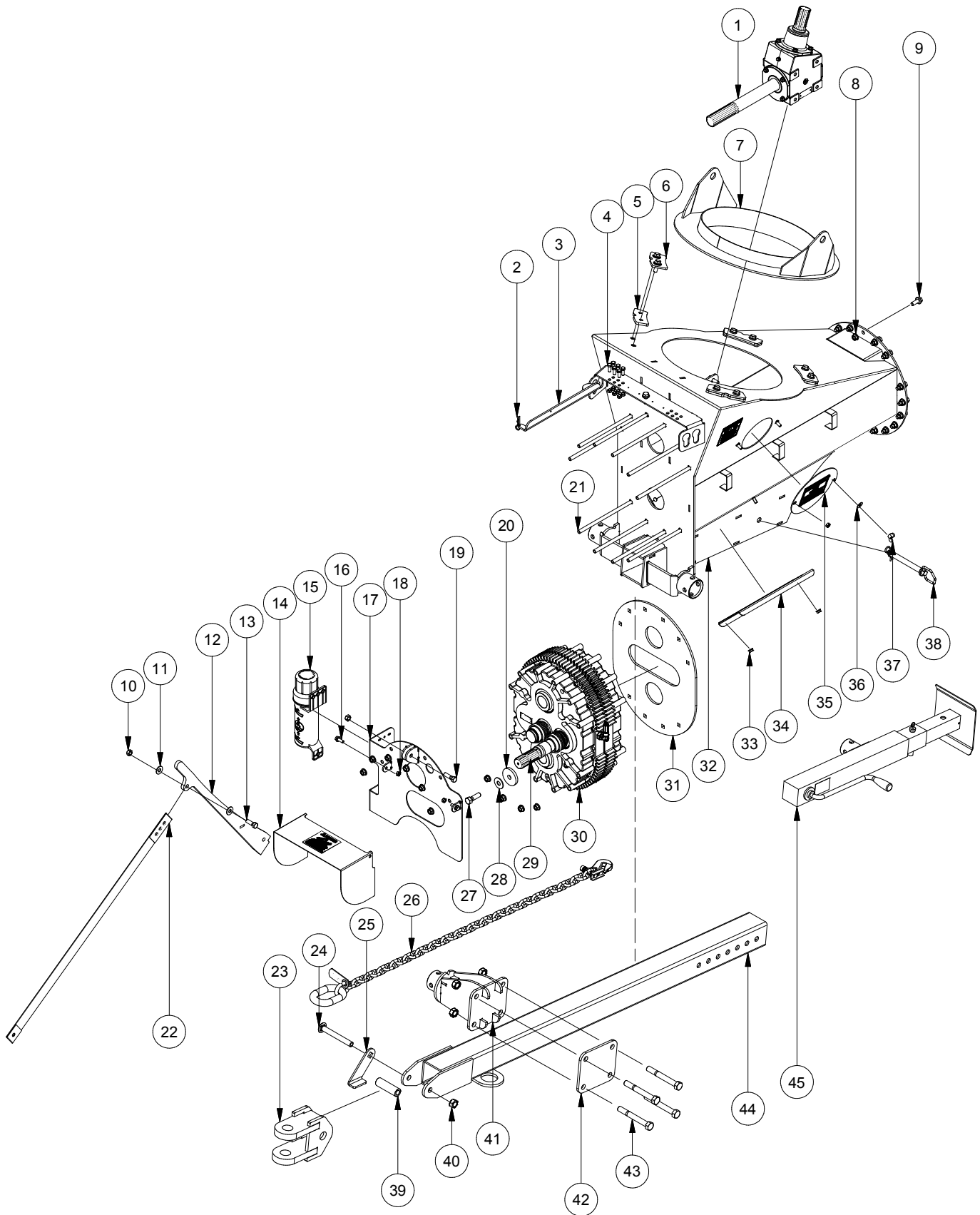
GEAR BOX ASSEMBLY - BOTTOM



AUGER 14

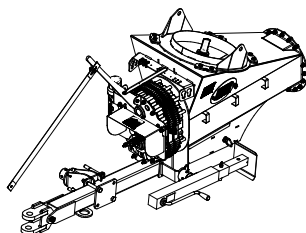
REF #	PART #	QUANTITY	DESCRIPTION
1	13000004338-00	1	Shaft Quill
2	13000004336-00	1	Shield
3	13000004339-00	1	Quill
4	13000004314-00	2	Seal
5	13000004316-00	4	Bearing Cone LM485548
6	13000004333-00	4	Bearing Cup LM48510
7	13000004342-00	1	Grease Washer
8	13000004330-00	2	Gear
9	13000004326-00	1	Spacer - Output
10	13000004327-00	1	Snap Ring 35x2.5
11	13000004340-00	1	Housing
12	13000004322-00	1	Cap End - Closed End
13	13000004329-00	3	O-Ring 105x3.1
14	13000004321-00	2	Ring Retaining 35x4
15	13000004323-00	1	Spacer - Input
16	13000004328-00	2	Key - 7.95x7.65x41
17	13000004332-00	2	Rivet - Gearbox - Head
18	13000004341-00	1	Label
19	13000004313-00	2	Pipe Plug 3/4-16 UNF
20	13000004334-00	2	O-Ring 18x2 - Gearbox - Head
21	13000004317-00	1	Cap End - Thru Shaft
22	13000004315-00	12	Cap Screw 3/8"-16UNC x 1"
23	13000004319-00	1	Plug Vent
24	13000004337-00	1	Shaft Cross
25	13000004047-00	-	Complete Gear Box Assembly

BOOT



PARTS

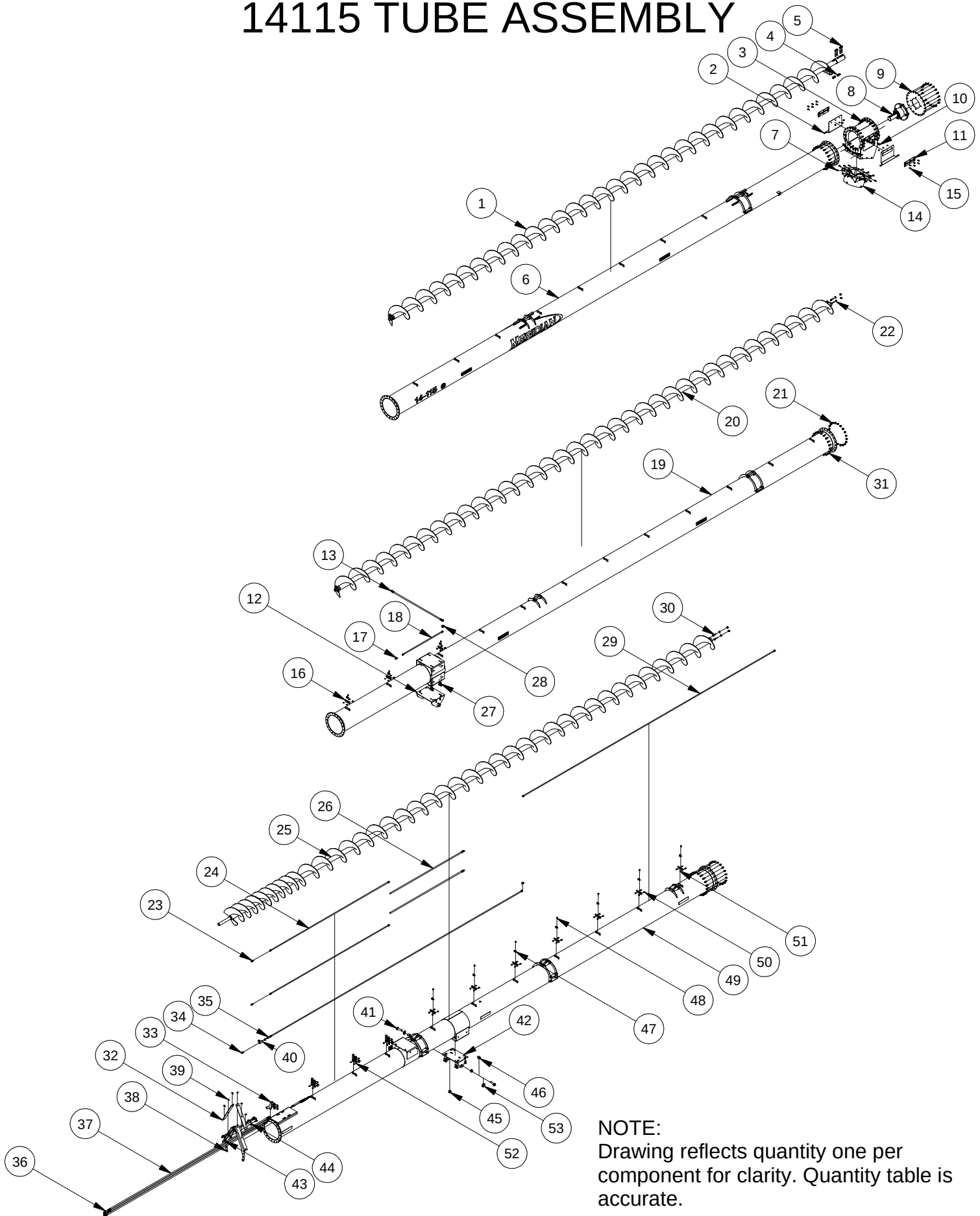
BOOT



AUGER 14

REF #	PART #	QUANTITY	DESCRIPTION
1	13000004047-00	1	Gearbox - Boot
2	13-0739-02040	1	Hair Pin 1/8" x 2-1/2"
3	13000004281-00	1	Latch
4	13-0703-06016	6	Hex Cap Screw - 3/8" x 1" - 16 Gr.8
5	13000004279-00	4	Plate Pivot Spacer
6	13000004280-00	4	Plate Pivot Top
7	13000003797-00	1	Ring Pivot
8	13-0731-00008	28	Flange Locknut 1/2"
9	13-0712-08020	35	Flange Lock Bolt 1/2" x 1-1/4"
10	13-0730-00008	3	Stover Locknut 1/2"
11	13-0735-00008	2	Flat Washer 1/2"
12	13000004283-00	1	Handle - PTO Guard
13	13-0702-08024	1	Hex Cap Screw 1/2" x 1-1/2"
14	13000004282-00	1	Cover - PTO Guard
15	13000004031-00	1	Holder - Operations Manual
16	13-0712-06016	2	Flange Lock Bolt 3/8" x 1"
17	13000004202-00	1	Mount
18	13-0730-00006	9	Stover Locknut - 3/8"
19	13-0702-08028	1	Hex Cap Screw 1/2" x 1-3/4"
20	13000004219-00	1	Washer
21	13-0709-08176	10	Carriage Bolt 1/2" x 11"
22	13000004303-00	1	Belt
23	13000004300-00	1	Tongue
24	13-0709-12096	1	Carriage Bolt 3/4" x 6"
25	13000004301-00	1	Tongue Rest
26	13000003783-00	1	Chain
27	13-0702-10032	1	Hex Cap Screw 5/8" x 2"
28	13-0735-00010	1	Flat Washer 5/8"
29	13000004049-00	1	Stub Spline - Reducer
30	13000004522-00	1	Gear Box - Reducer
31	13000004216-00	1	Gearbox Spacer
32	13000004200-00	1	Boot
33	13-0731-00006	4	Flange Locknut 3/8"
34	13000004258-00	2	Door - Clean Out
35	13000004255-00	1	Door Inspection
36	13-0735-00006	1	Flat Washer 3/8"
37	13-0732-00006	1	Wing Nut Steel 3/8"
38	13000003384-00	1	Axle Draw Pin
39	13000004302-00	1	Bushing Spacer
40	13-0730-00012	5	Stover Locknut 3/4" - 10 UNC
41	13000004765-00	1	Jack Mount Extension
42	13000004815-00	1	Back Plate
43	13-0702-12096	4	Hex Cap Screw 3/4-10 UNC - 6
44	13000004207-00	1	Hitch
45	13000004851-00	1	Jack 10,000lb c/w Stub

14115 TUBE ASSEMBLY



PARTS

AUGER 14115			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000004389-00	1	Flight Top
2	13000004477-00	2	Door
3	13000004475-00	1	Housing
4	13-0730-00010	20	Stover Locknut 5/8 -11 UNC
5	13-0702-10072	4	Hex Cap Screw 5/8-11 UNC - 4.5
6	13000004312-00	1	Tube Top
7	13-0702-06016	12	Hex Cap Screw - 3/8" x 1" - 16
8	13000004307-00	1	Hub c/w Spindle & Bearings
9	13000004478-00	1	Head Plate
10	13000004455-00	4	Spring
11	13000004479-00	2	Hinge
12	13000004499-00	1	Mount Pivot Rear
13	13000004461-00	1	Hose Hydraulic Pivot
14	13000004642-00	1	Spout Transition
15	13-0712-04012	12	Flange Bolt 1/4-20 UNC x 0.75
16	13000004496-00	10	Mount Line Horizontal
17	13000003096-00	2	Hydraulic Fitting 1/2" JIC x 1/2" JI
18	13000004527-00	1	Hydraulic Line c/w Fittings
19	13000004309-00	1	Tube Middle
20	13000004386-00	1	Flight Middle
21	13-0730-00008	84	Stover Locknut 1/2-13 UNC
22	13-0735-00008	8	Flat Washer 1/2"
23	13000004456-00	2	Fitting - Hydraulic Adaptor
24	13000004471-00	2	Hydraulic Line w/ Fittings - 113"
25	13000004385-00	1	Flight Bottom
26	13000004261-00	2	Hydraulic Hose c/w 1/2" JIC M & 3/8" JIC F
27	13-0702-10024	16	Hex Cap Screw 5/8" x 1-1/2" - 11
28	13000004460-00	1	Fitting Hydraulic
29	13000004470-00	2	Hydraulic Line w/ Fittings - 20'
30	13-0702-08040	4	Hex Cap Screw 1/2" x 2-1/2" - 13
31	13-0702-08020	80	Hex Cap Screw 1/2" x 1-1/4" - 13
32	13000004459-00	2	Slider
33	13000004497-00	1	Mount Line Flange
34	13000004458-00	2	Fitting Hydraulic Adapter
35	13000003093-00	1	Connector Hose Hydraulic
36	13000003113-00	3	Male Pioneer Tip
37	13000004259-00	3	Hydraulic Hose c/w 3/8" NPT & 1/2" NPT
38	13000004492-00	2	Wall Slide
39	13-0755-04016	6	Flat Head Socket C/S 1/4" x 1"
40	13000004293-00	1	Valve Needle
41	13-0702-16056	2	Hex Cap Screw 1" x 3-1/2" - 8
42	13000004490-00	1	Mount Frame Main
43	13-0735-00004	6	Flat Washer 1/4"
44	13000004493-00	1	Connector
45	13-0730-00016	2	Stover Locknut 1" - 8 Type C
46	13000004555-00	2	Bushing Pivot
47	13000003095-00	22	Hyd. Line Clip c/w Rubber Insert
48	13-0706-04010	22	Self Threading Screw 1/4" x 5/8"
49	13000004308-00	1	Tube Bottom
50	13-0712-04010	26	Flange Lock Bolt 1/4" x 5/8" - 2
51	13-0731-00004	44	Flange Lock Nut 1/4" - 20
52	13000004495-00	3	Mount Line Vertical
53	13000004553-00	2	Washer Pivot

14115 TRUSS ASSEMBLY

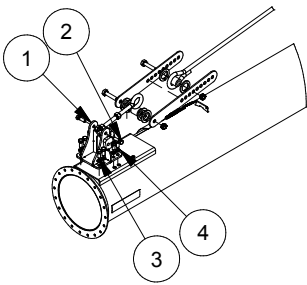
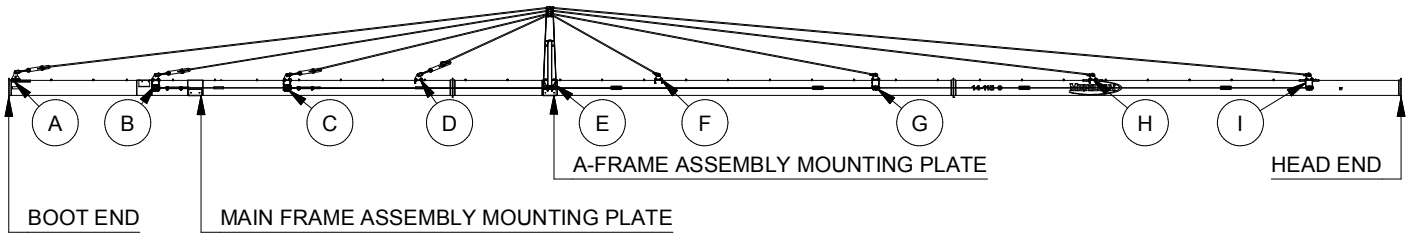


FIGURE A

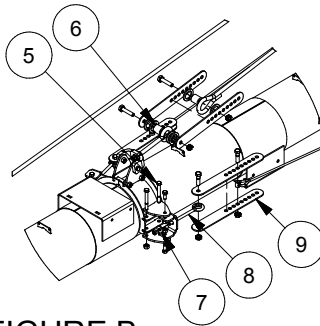


FIGURE B

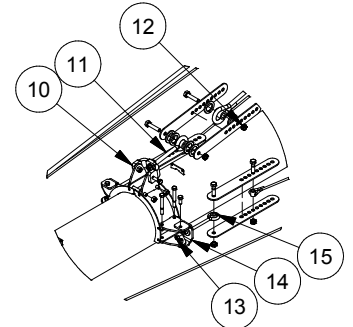


FIGURE C

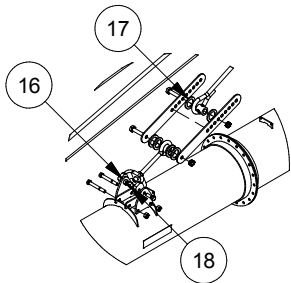


FIGURE D

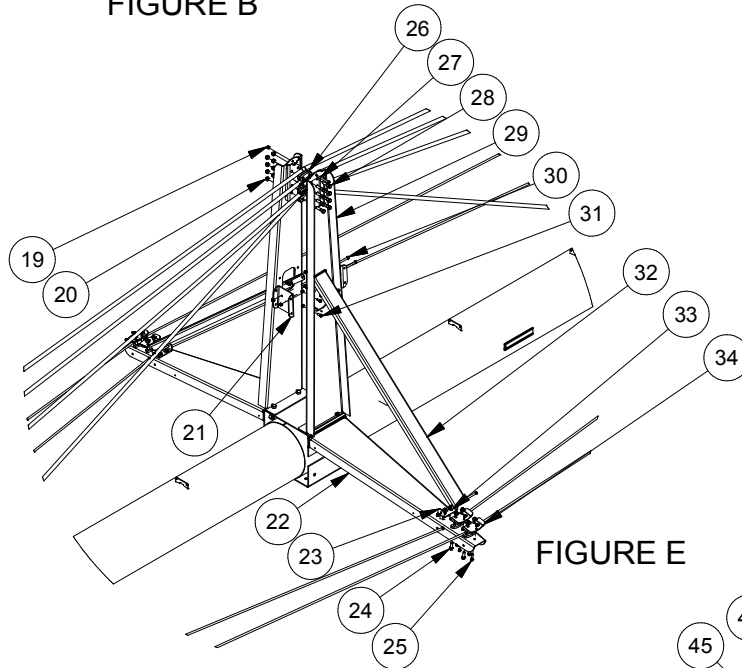


FIGURE E

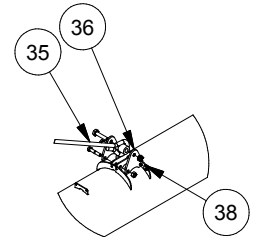


FIGURE F

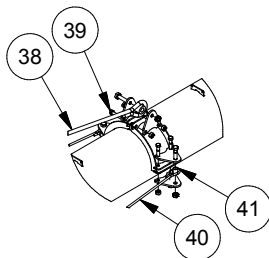


FIGURE G

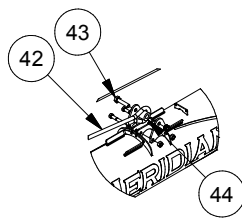


FIGURE H

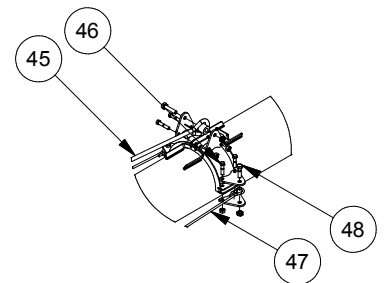


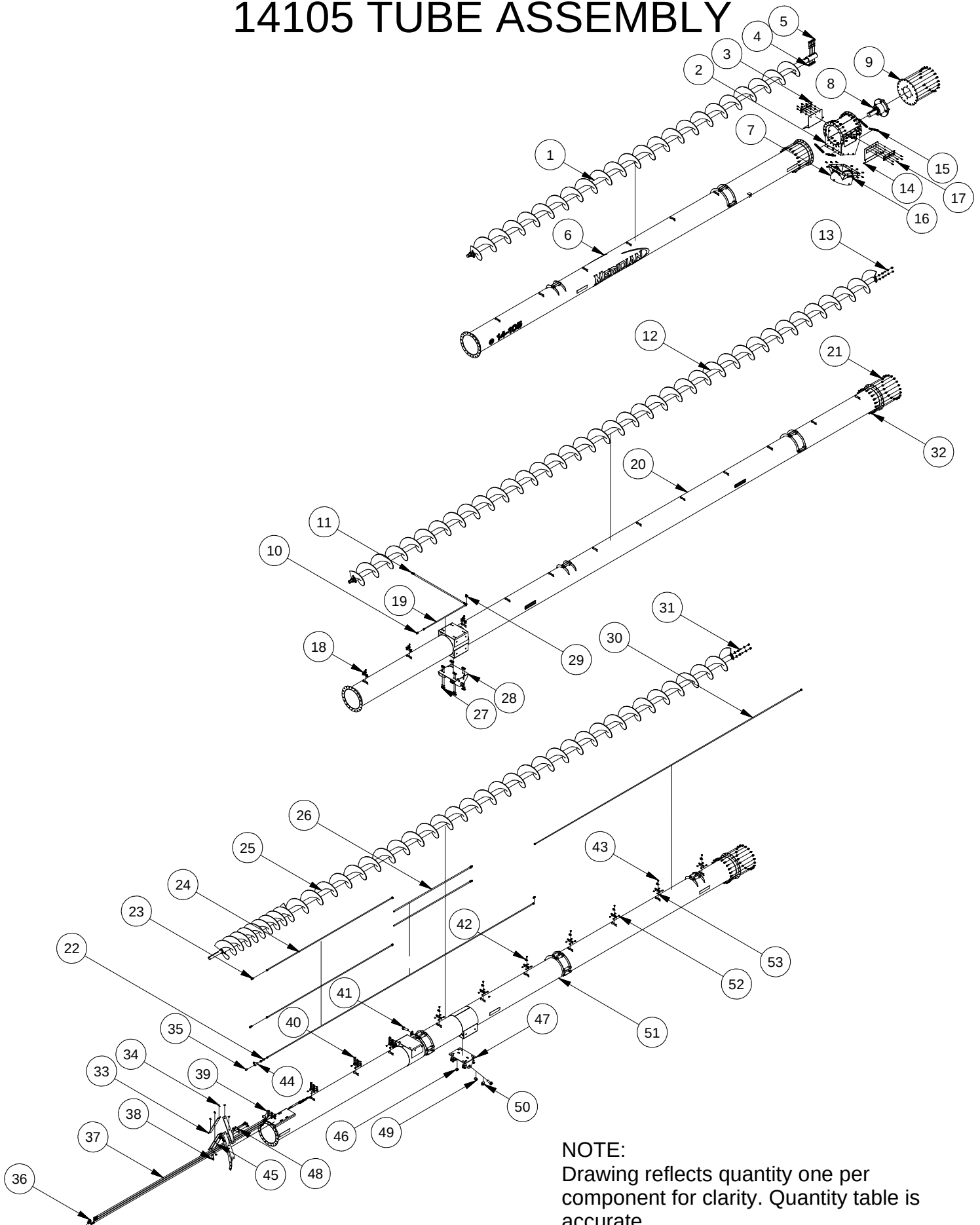
FIGURE I

NOTE:
Drawing reflects quantity one per component for clarity. Quantity table is accurate.

14115 TRUSS ASSEMBLY

AUGER 14115			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000004489-00	1	Cable Mount
2	13-0702-10032	8	Hex Cap Screw 5/8-11 UNC - 2
3	13-0702-10024	24	Hex Cap Screw 5/8 x 1-1/2
4	13-0734-00010	8	Spring Lock Washer 5/8"
5	13-0702-10080	14	Hex Cap Screw 5/8 x 5
6	13000004542-00	8	Bushing Eyebolt Large
7	13000004540-00	8	Washer Eye Bolt
8	13000003087-00	4	Eye Bolt 5/8" x 10
9	13000004539-00	16	Bracket - Cable Adjusting Bracket
10	13000004791-00	4	Bracket Top - Eye Bolt
11	13000004377-00	4	Eye Bolt 7/8" x 12
12	13-0730-00012	24	Stover Locknut 3/4" - 10
13	13-0725-00010	8	Hex Nut 5/8-11
14	13000004538-00	4	Bracket - Eye Bolt
15	13000004543-00	4	Bushing Eyebolt Small
16	13000004535-00	14	Cable Lug Bottom
17	13000004537-00	24	Cable Spacer - 7/8"
18	13-0725-00014	8	Hex Nut 7/8-9
19	13-0730-00006	21	Stover Locknut 3/8-16
20	13-0730-00008	16	Stover Locknut 1/2-13
21	13000004530-00	2	Cable Rest Bracket
22	13000004484-00	2	Wing Cable
23	13000004531-00	2	Wing Bracket
24	13-0702-08024	8	Hex Cap Screw 1/2 x 1-1/2
25	13-0702-06024	4	Hex Cap SCrew 3/8 x 1-1/2
26	13000004529-00	12	Cable Rest
27	13-0702-06056	1	Hex Cap Screw 3/8 x 3-1/2
28	13-0702-08032	8	Hex Cap Screw 1/2 x 2
29	13000004485-00	2	Tower
30	13-0702-06080	4	Hex Cap Screw 3/8 x 5
31	13-0702-06014	12	Hex Cap Screw 3/8 x 7/8
32	13000004486-00	2	Wing Brace
33	13-0735-00006	4	Flat Washer 3/8
34	13000004532-00	4	Cable Cap
35	13000004378-00	1	Cable Assembly 7/8 x 5830.53 mm
36	13000004536-00	16	Cable Lug Top
37	13-0730-00010	54	Stover Locknut 5/8 -11
38	13000004379-00	1	Cable Assembly 7/8 x 13729.93 mm
39	13-0702-10052	8	Hex Cap Screw 5/8 x 3-1/4
40	13000004391-00	2	Cable Assembly 7/16 x 13520.5 mm
41	13000004545-00	8	Bushing Side
42	13000004382-00	1	Cable Assembly 7/8 x 21927.78 mm
43	13-0702-12056	12	Hex Cap Screw 3/4" x 3-1/2" - 10
44	13000004544-00	4	Bushing Top
45	13000004384-00	1	Cable Assembly 7/8 x 30347.88 mm
46	13-0702-10044	8	Hex Cap Screw 5/8 x 2-3/4
47	13000004393-00	2	Cable Assembly 7/16 x 26947.58 mm
48	13-0702-12044	12	Hex Cap Screw 3/4 x 2-3/4

14105 TUBE ASSEMBLY



NOTE:

Drawing reflects quantity one per component for clarity. Quantity table is accurate.

PARTS

AUGER 14105			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000004388-00	1	Flight Top
2	13000004475-00	1	Housing
3	13000004479-00	2	Hinge
4	13-0730-00010	20	Stover Locknut 5/8 -11 UNC
5	13-0702-10072	4	Hex Cap Screw 5/8-11 UNC - 4.5
6	13000004311-00	1	Tube Top
7	13000004642-00	1	Spout Transition
8	13000004307-00	1	Hub c/w Spindle & Bearings
9	13000004478-00	1	Head Plate
10	13000003096-00	2	Hydraulic Fitting 1/2" JIC x 1/2" JI
11	13000004461-00	1	Hose Hydraulic Pivot
12	13000004386-00	1	Flight Middle
13	13-0735-00008	8	Flat Washer 1/2"
14	13000004477-00	2	Door
15	13000004455-00	4	Spring - Over Door Floor Spout
16	13-0702-06016	12	Hex Cap Screw - 3/8" x 1" - 16
17	13-0712-04012	12	Flange Lock Bolt 1/4" x 3/4" - 20
18	13000004496-00	10	Mount Line Horizontal
19	13000004527-00	1	Hydraulic Line c/w Fittings
20	13000004309-00	1	Tube Middle
21	13-0730-00008	84	Stover Locknut 1/2-13 UNC
22	13000003093-00	1	Connector Hose Hydraulic
23	13000004456-00	2	Fitting - Hydraulic Adaptor
24	13000004471-00	2	Hydraulic Line w/ Fittings - 113"
25	13000004385-00	1	Flight Bottom
26	13000004261-00	2	Hydraulic Hose c/w 1/2" JIC M & 3/8" JIC F
27	13-0702-10024	16	Hex Cap Screw 5/8" x 1-1/2" - 11
28	13000004499-00	1	Mount Pivot Rear
29	13000004460-00	1	Fitting Hydraulic
30	13000004470-00	2	Hydraulic Line w/ Fittings - 20'
31	13-0702-08040	4	Hex Cap Screw 1/2" x 2-1/2" - 13
32	13-0702-08020	80	Hex Cap Screw 1/2" x 1-1/4" - 13
33	13000004459-00	2	Slider
34	13-0755-04016	6	Flat Head Socket Cap Screw 1/4" - 20 x 1"
35	13000004458-00	2	Fitting Hydraulic Adapter
36	13000003113-00	3	Male Pioneer Tip
37	13000004259-00	3	Hydraulic Hose c/w 3/8" NPT & 1/2" NPT
38	13000004492-00	2	Wall Slide
39	13000004497-00	1	Mount Line Flange
40	13000004495-00	3	Mount Line Vertical
41	13-0702-16056	2	Hex Cap Screw 1" x 3-1/2" - 8
42	13000003095-00	22	Hyd. Line Clip c/w Rubber Insert
43	13-0706-04010	22	Self Threading Screw 1/4" x 5/8"
44	13000004293-00	1	Valve Needle
45	13-0735-00004	6	Flat Washer 1/4"
46	13-0730-00016	2	Stover Locknut 1" - 8 Type C
47	13000004490-00	1	Mount Frame Main
48	13000004493-00	1	Connector
49	13000004555-00	2	Bushing Pivot
50	13000004553-00	2	Washer Pivot
51	13000004308-00	1	Tube Bottom
52	13-0712-04010	26	Flange Lock Bolt 1/4" x 5/8" - 20
53	13-0731-00004	45	Flange Lock Nut 1/4" - 20

14105 TRUSS ASSEMBLY

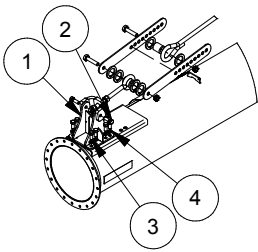
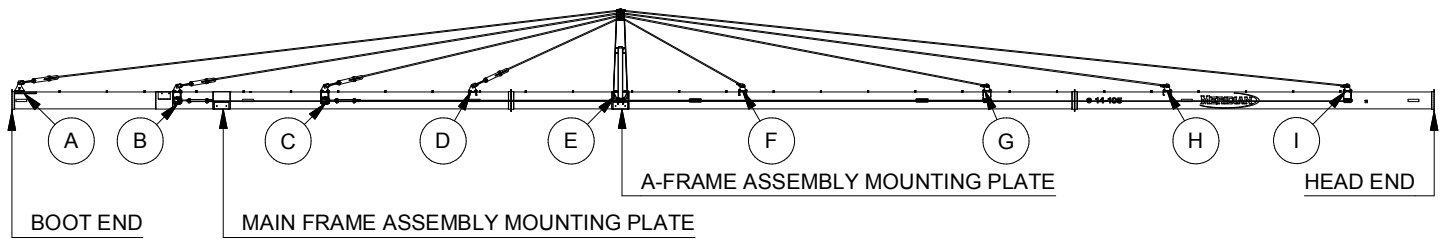


FIGURE A

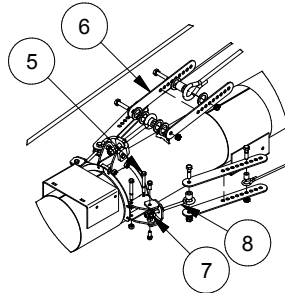


FIGURE B

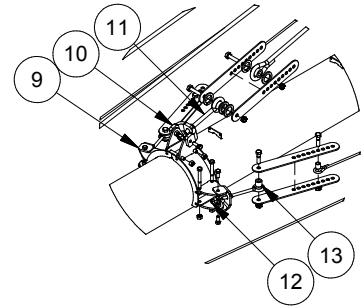


FIGURE C

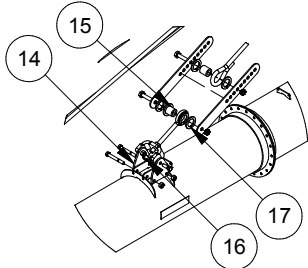


FIGURE D

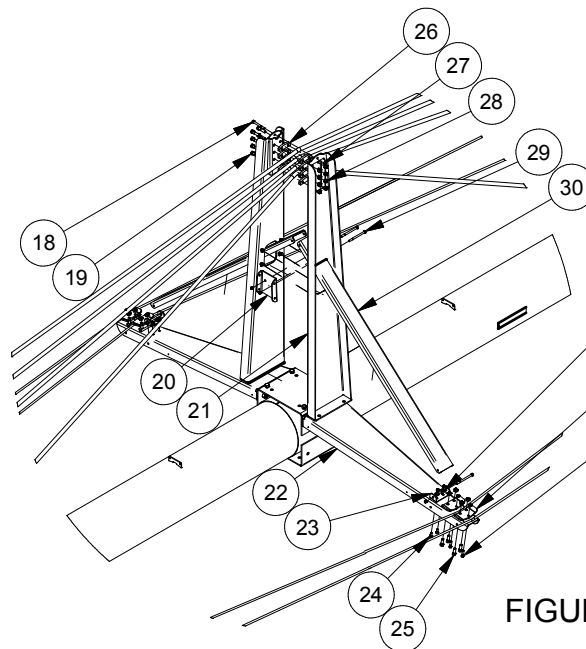


FIGURE E

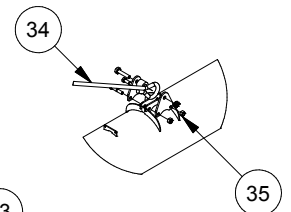


FIGURE F

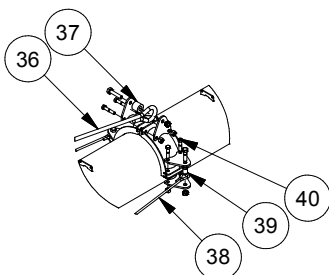


FIGURE G

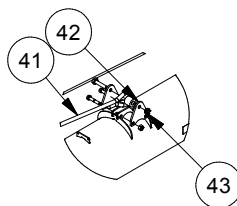


FIGURE H

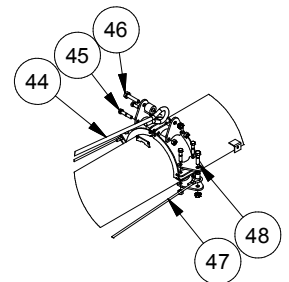


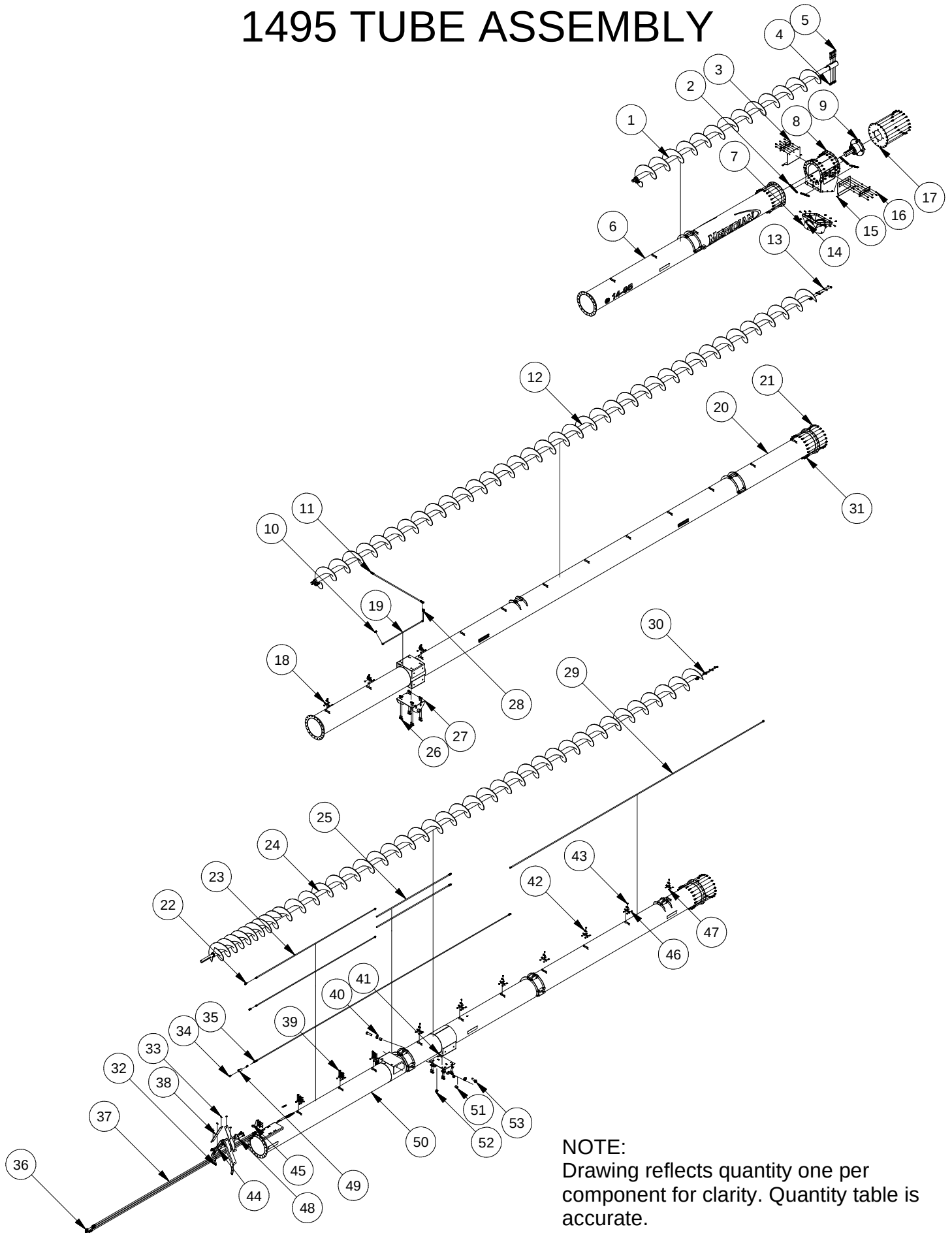
FIGURE I

NOTE:
Drawing reflects quantity one per component for clarity. Quantity table is accurate.

14105 TRUSS ASSEMBLY

AUGER 14105			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000004489-00	1	Cable Mount
2	13-0702-10032	8	Hex Cap Screw 5/8-11 UNC - 2
3	13-0702-10024	24	Hex Cap Screw 5/8" x 1-1/2" - 11
4	13-0734-00010	8	Spring Lock Washer 5/8"
5	13-0702-10080	14	Hex Cap Screw 5/8" x 5" - 11
6	13000004539-00	16	Bracket - Cable Adjusting Bracket
7	13000004540-00	8	Washer Eye Bolt
8	13000003087-00	4	Eye Bolt 5/8"
9	13000004538-00	4	Bracket - Eye Bolt
10	13000004791-00	4	Bracket Top - Eye Bolt
11	13000004377-00	4	Eye Bolt 7/8"
12	13-0725-00010	8	Hex Nut 5/8" - 11
13	13000004543-00	4	Bushing Eyebolt Small
14	13000004535-00	14	Cable Lug Bottom
15	13000004542-00	8	Bushing Eyebolt Large
16	13-0725-00014	8	Hex Nut 7/8" - 9
17	13000004537-00	24	Cable Spacer - 7/8"
18	13-0702-06056	1	Hex Cap Screw 3/8" x 3-1/2" - 16
19	13-0702-08032	8	Hex Cap Screw 1-2" x 2" - 13
20	13000004530-00	2	Cable Rest Bracket
21	13000004485-00	2	Tower
22	13000004484-00	2	Wing Cable
23	13000004531-00	2	Wing Bracket
24	13-0702-06014	12	Hex Cap Screw 3/8" x 7/8" - 16
25	13-0702-08024	8	Hex Cap Screw 1/2" x 1-1/2" - 13
26	13000004529-00	12	Cable Rest
27	13-0730-00006	21	Stover Lock Nut 3/8" - 16
28	13-0730-00008	16	Stover Locknut 1/2-13 UNC
29	13-0702-06080	4	Stover Locknut 3/8 x 5" - 16
30	13000004486-00	2	Wing Brace
31	13-0735-00006	4	Flat Washer 3/8"
32	13000004532-00	4	Cable Cap
33	13-0702-06024	4	Hex Cap Screw 3/8" x 1-1/2" - 16
34	13000004378-00	1	Cable Assembly 7/8" x 5830.53 mm
35	13-0730-00010	54	Stover Locknut 5/8 -11 UNC
36	13000004379-00	1	Cable Assembly 7/8" x 13729.93mm
37	13000004544-00	4	Bushing Top
38	13000004391-00	2	Cable Assembly 7/16" x 13520.5mm
39	13000004545-00	8	Bushing Side
40	13-0702-10044	8	Hex Cap Screw 5/8" x 2-3/4" - 11
41	13000004381-00	1	Cable Assembly 7/8" x 20581.58mm
42	13000004536-00	16	Cable Lug Top
43	13-0730-00012	24	Stover Locknut 3/4" - 10 UNC
44	13000004383-00	1	Cable Assembly 7/8" x 27668.18mm
45	13-0702-10052	8	Hex Cap Screw 5/8" x 3-1/4" - 11
46	13-0702-12056	12	Hex Cap Screw 3/4" x 3-1/2" - 10
47	13000004392-00	2	Cable Assembly 7/16" x 24258.35mm
48	13-0702-12044	12	Hex Cap Screw 3/4" x 2-3/4" - 10

1495 TUBE ASSEMBLY

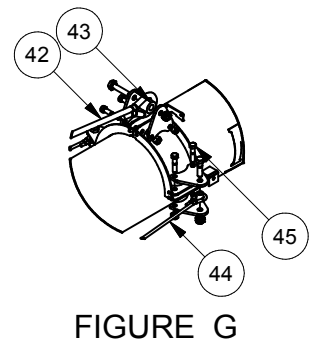
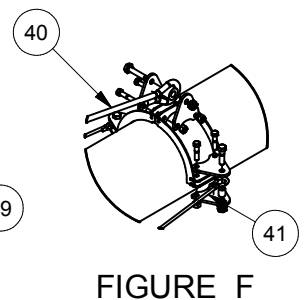
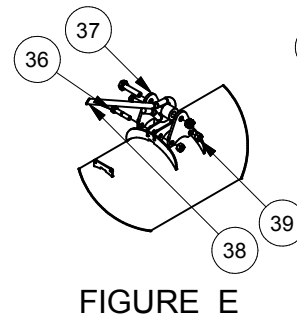
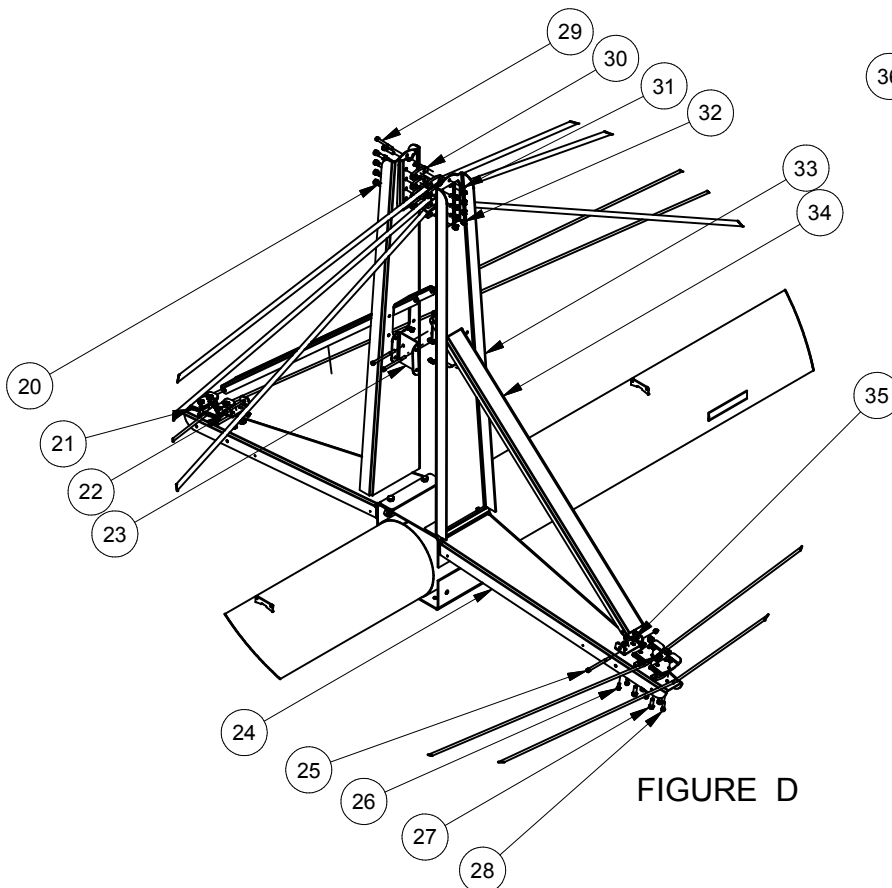
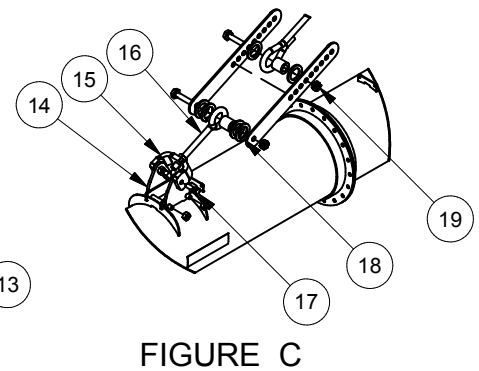
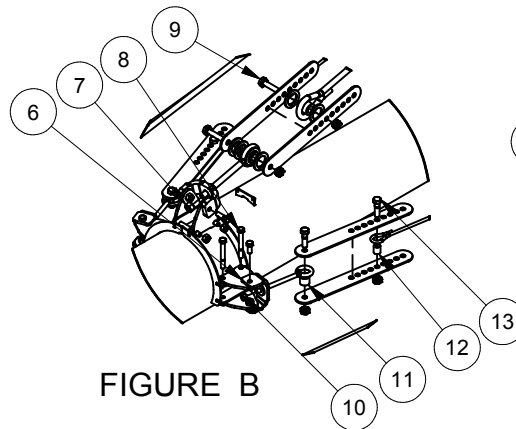
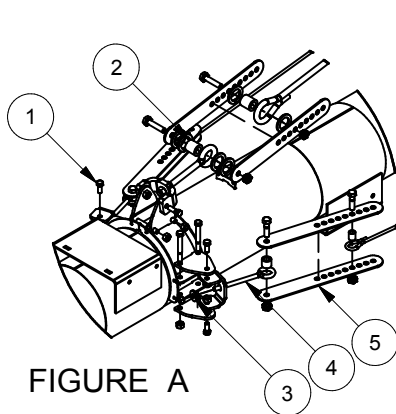
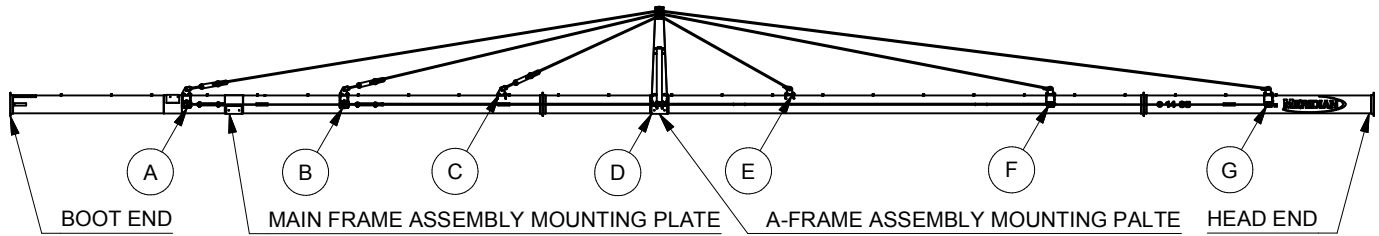


NOTE:
Drawing reflects quantity one per component for clarity. Quantity table is accurate.

PARTS

AUGER 1495			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000004387-00	1	Flight Top
2	13000004455-00	4	Spring - Overflow Door Spout
3	13000004479-00	2	Hinge
4	13-0730-00010	20	Stover Locknut 5/8 -11 UNC
5	13-0702-10072	4	Hex Cap Screw 5/8-11 UNC - 4.5
6	13000004310-00	1	Tube Top
7	13000004642-00	1	Spout Transition
8	13000004475-00	1	Housing
9	13000004307-00	1	Hub c/w Spindle & Bearings
10	13000003096-00	2	Hydraulic Fitting 1/2" JIC x 1/2" JI
11	13000004461-00	1	Hose Hydraulic Pivot
12	13000004386-00	1	Flight Middle
13	13-0735-00008	8	Flat Washer 1/2"
14	13-0702-06016	12	Hex Cap Screw - 3/8" x 1" - 16
15	13000004477-00	2	Door
16	13-0712-04012	12	Flange Lock Bolt 1/4" x 3/4" - 20
17	13000004478-00	1	Head Plate
18	13000004496-00	10	Mount Line Horizontal
19	13000004527-00	1	Hydraulic Line c/w Fittings
20	13000004309-00	1	Tube Middle
21	13-0730-00008	84	Stover Locknut 1/2-13 UNC
22	13000004456-00	2	Fitting - Hydraulic Adapter
23	13000004471-00	2	Hydraulic Line w/ Fittings - 113"
24	13000004385-00	1	Flight Bottom
25	13000004261-00	2	Hydraulic Hose c/w 1/2" JIC M & 3/8" JIC F
26	13-0702-10024	16	Hex Cap Screw 5/8" x 1-1/2" - 11
27	13000004499-00	1	Mount Pivot Rear
28	13000004460-00	1	Fitting Hydraulic
29	13000004470-00	2	Hydraulic Line w/ Fittings - 20'
30	13-0702-08040	4	Hex Cap Screw 1/2" x 2-1/2" - 13
31	13-0702-08020	80	Hex Cap Screw 1/2" x 1-1/4" -13
32	13000004492-00	2	Wall Slide
33	13-0755-04016	6	Flat Head Socket Cap Screw 1/4" - 20 x 1"
34	13000004458-00	2	Fitting Hydraulic Adapter
35	13000003093-00	1	Connector Hose Hydraulic
36	13000003113-00	3	Male Pioneer Tip
37	13000004259-00	3	Hydraulic Hose c/w 3/8" NPT & 1/2" NPT
38	13000004459-00	2	Slider
39	13000004495-00	3	Mount Line Vertical
40	13000004553-00	2	Washer Pivot
41	13000004490-00	1	Mount Frame Main
42	13000003095-00	22	Hyd. Line Clip c/w Rubber Insert
43	13-0706-04010	22	Self Threading Screw 1/4" x 3/8"
44	13-0735-00004	6	Flat Washer 1/4"
45	13000004497-00	1	Mount Line Flange
46	13-0712-04010	26	Flange Lock Bolt 1/4" x 5/8" - 20
47	13-0731-00004	44	Flange Lock Nut 1/4" - 20
48	13000004493-00	1	Connector
49	13000004293-00	1	Valve Needle
50	13000004308-00	1	Tube Bottom
51	13000004555-00	2	Bushing Pivot
52	13-0730-00016	2	Stover Locknut 1-8 Type C
53	13-0702-16056	2	Hex Cap Screw 1" x 3-1/2" - 8

1495 TRUSS ASSEMBLY



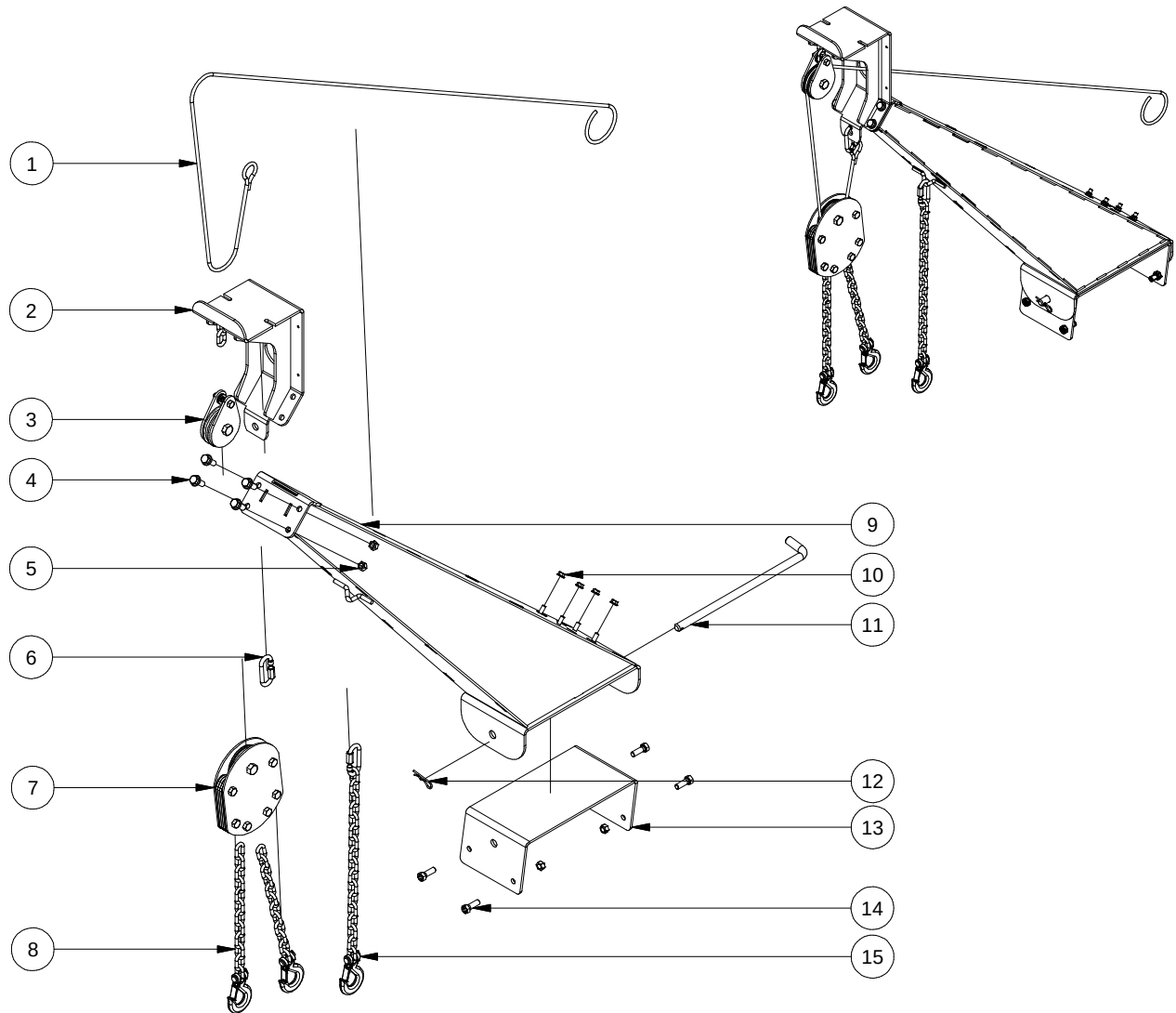
NOTE:

Drawing reflects quantity one per component for clarity. Quantity table is accurate.

1495 TRUSS ASSEMBLY

AUGER 1495			
REF #	PART #	QUANTITY	DESCRIPTION
1	13-0702-10024	16	Hex Cap Screw 5/8-11 UNC - 1.5
2	13000004542-00	6	Bushing Eyebolt Large
3	13000004540-00	8	Washer Eye Bolt
4	13000003087-00	4	Eye Bolt 5/8"
5	13000004539-00	14	Bracket - Cable Adjusting Bracket
6	13000004538-00	4	Bracket - Eye Bolt
7	13-0725-00014	6	Hex Nuts 7/8-9
8	13-0702-10080	14	Hex Cap Screw 5/8-11 UNC - 5
9	13-0702-12056	9	Hex Bolt 3/4" x 3 1/2"
10	13-0725-00010	8	Hex Nuts 5/8-11
11	13000004543-00	4	Bushing Eyebolt Small
12	13000004545-00	8	Bushing Side
13	13-0702-12044	12	Hex Cap Screw 3/4-10 UNC - 2.75
14	13000004535-00	14	Cable Lug Bottom
15	13000004791-00	3	Bracket Top - Eye Bolt
16	13000004377-00	3	Eye Bolt 7/8"
17	13-0702-10032	6	Hex Cap Screw 5/8-11 UNC - 2
18	13000004537-00	18	Cable Spacer - 7/8"
19	13-0730-00012	21	Stover Locknut 3/4" - 10 UNC
20	13-0702-08032	8	Hex Cap Screw 1/2-13 UNC - 2
21	13000004532-00	4	Cable Cap
22	13000004531-00	2	Wing Bracket
23	13000004530-00	2	Cable Rest Bracket
24	13000004484-00	2	Wing Cable
25	13-0702-06080	4	Hex Cap Screw 3/8-16 UNC - 5
26	13-0702-06014	12	Hex Cap Screw 3/8-16 UNC - 0.875
27	13-0702-08024	8	Hex Cap Screw 1/2-13 UNC - 1.5
28	13-0702-06024	4	Hex Cap Screw 3/8-16 UNC - 1.5
29	13-0702-06056	1	Hex Cap Screw 3/8-16 UNC - 3.5
30	13000004529-00	12	Cable Rest
31	13-0730-00006	21	Stover Locknut 3/8-16
32	13-0730-00008	16	Stover Locknut 1/2-13 UNC
33	13000004485-00	2	Tower
34	13000004486-00	2	Wing Brace
35	13-0735-00006	4	Plain Washer 3/8
36	13-0702-10052	6	Hex Cap Screw 5/8-11 UNC - 3.25
37	13000004536-00	14	Cable Lug Top
38	13000004378-00	1	Cable Top D
39	13-0730-00010	50	Stover Locknut 5/8 -11 UNC
40	13000004379-00	1	Cable Top C
41	13000004391-00	2	Side Cable 2
42	13000004380-00	1	Top Cable
43	13000004544-00	3	Bushing Top
44	13000004390-00	2	Cable Side 1
45	13-0702-10044	8	Hex Cap Screw 5/8-11 UNC - 2.75

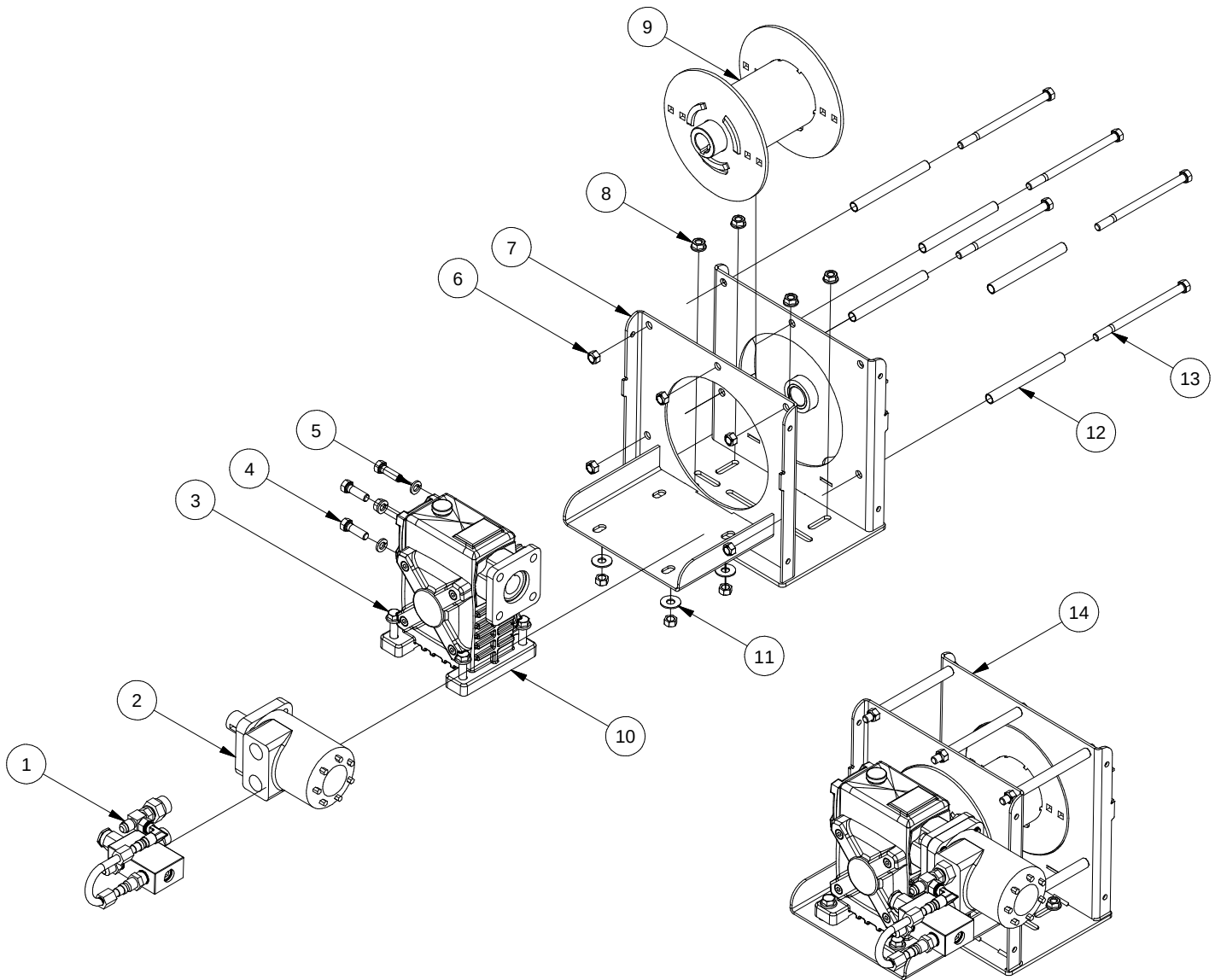
LIFT ARM



****NOTE:** It is CRITICAL that Grade 8 Bolts (Ref #14) are used for the Mount Plate. **

AUGER 14			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000003185-00	1	Long Truss Cable
2	13000004240-00	1	Mount Clevis
3	13000004209-00	1	Clevis
4	13-0712-08020	4	Flange Lock Bolt 1/2" x 1-1/4"
5	13-0730-00008	8	Stover Lock Nut 1/2" - 13
6	13000004274-00	1	Quick Link 3/8"
7	13000004241-00	1	Cable Block
8	13000004275-00	2	Cable Block - Hopper Chain w/ Hook
9	13000004208-00	1	Lift Arm
10	13-0731-00006	4	Flange Lock Nut 3/8"
11	13000004277-00	1	Pin Lock
12	13-0739-02040	1	Hair Pin 1/8" x 2 1/2"
13	13000004245-00	1	Mount Plate
14	13-0708-08024	4	Hex Cap Screw 1/2 x 1-1/2-13 GR 8
15	13000004276-00	1	Hopper Safety Chain w/ Hook & Quick Link

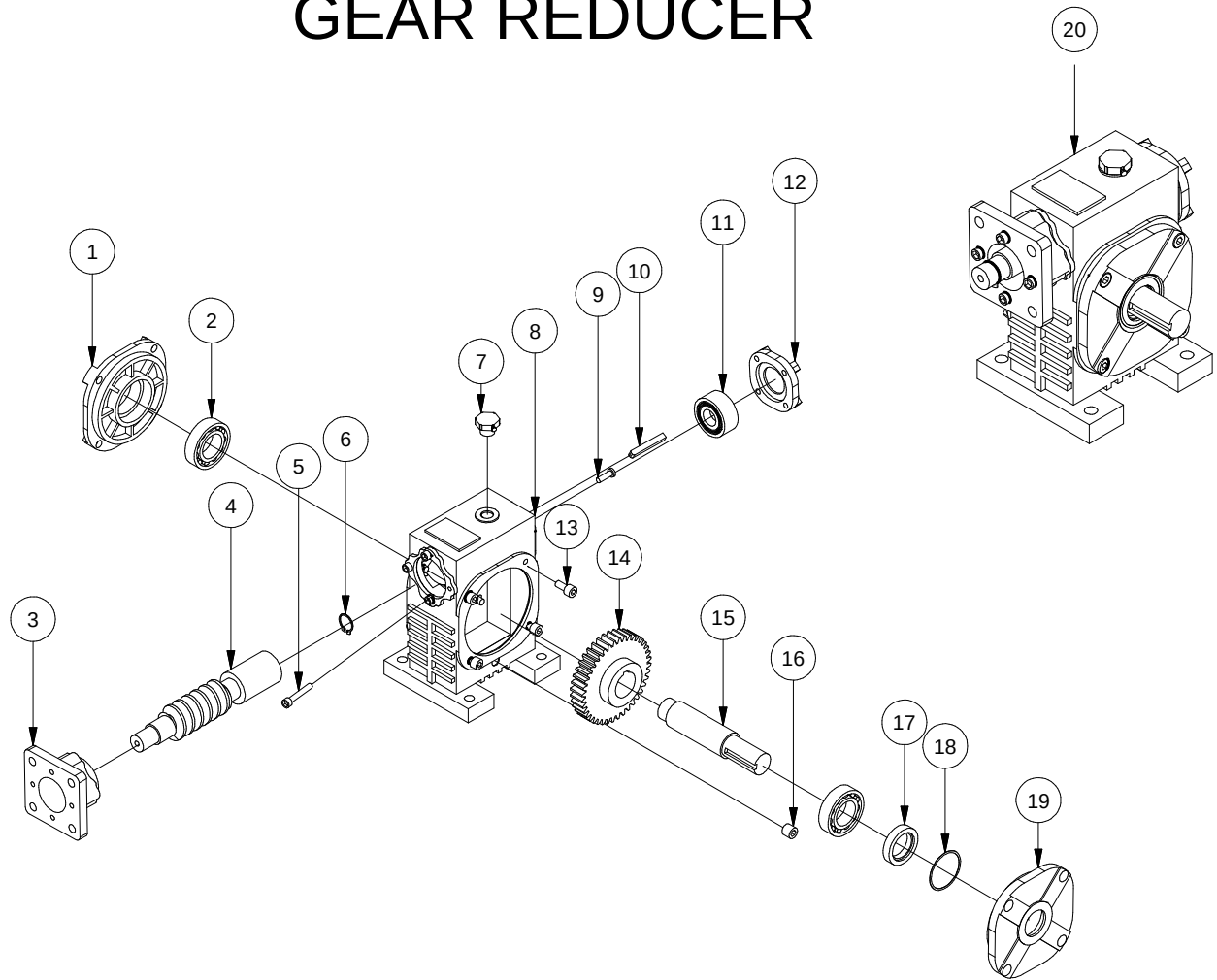
HYDRAULIC WINCH



AUGER 14

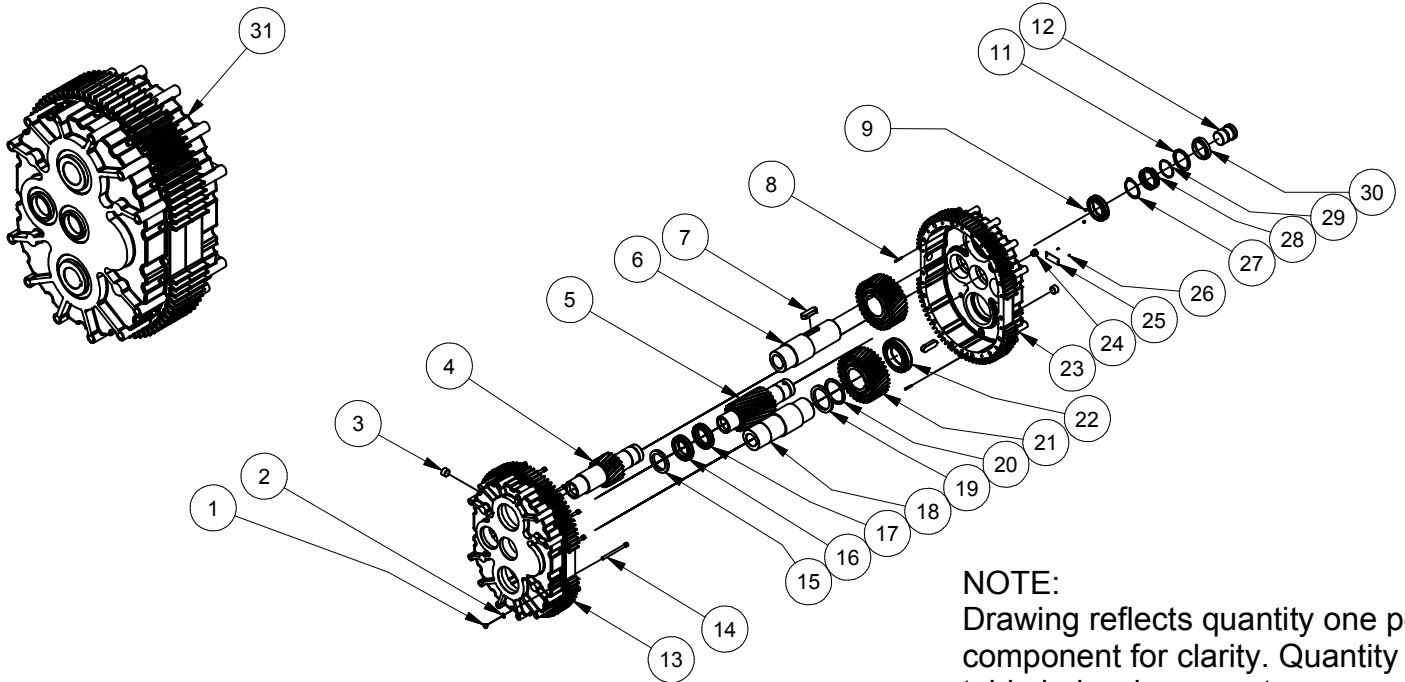
REF #	PART #	QUANTITY	DESCRIPTION
1	13000042245-00	1	Bypass Assembly K2550
2	13000042244-00	1	Motor - Hydraulic 4.5 C.I.
3	13-0712-06020	4	Flange Lock Bolt 3/8" x 1-1/4"
4	13-0702-06020	4	Hex Cap Screw 3/8" x 1-1/4"
5	13-0734-00006	4	Spring Lock Washer 3/8"
6	13-0730-00006	9	Stover Lock Nut 3/8"
7	13000004247-00	1	Mount Gearbox w/ Bushing
8	13-0731-00006	4	Flange Lock Nut 3/8"
9	13000004249-00	1	Cable Drum
10	13000003969-00	1	Gear Reducer 1:20 Hydraulic
11	13-0735-00006	4	Flat Washer 5/8"
12	13000004251-00	5	Spacer
13	13-0702-06096	5	Hex Cap Screw 3/8" x 6"
14	13000043115-00	-	Complete Hydraulic Winch Assembly

GEAR REDUCER



AUGER 14			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000004440-00	1	Output Shaft Cover - Back
2	13000004443-00	2	Bearing - Front
3	13000004438-00	1	Housing
4	13000004449-00	1	Worm Shaft
5	13000004436-00	4	Hex Screw - Long
6	13000004433-00	1	Snap Ring
7	13000004448-00	1	Oil Cover
8	13000004445-00	1	Frame
9	13000004435-00	4	Hex Screw - Medium
10	13000004432-00	1	Key
11	13000004442-00	1	Bearing - Side
12	13000004437-00	1	Input Flange
13	13000004447-00	8	Hex Screw - Short
14	13000004446-00	1	Worm Wheel
15	13000004444-00	1	Output Shaft
16	13000004439-00	1	Oil Plug
17	13000004434-00	1	Oil Seal
18	13000004431-00	1	Shim
19	13000004441-00	1	Output Shaft Cover - Front
20	13000003969-00	-	Complete Gear Reducer Assembly

GEAR BOX - REDUCER



AUGER 14

REF #	PART #	QUANTITY	DESCRIPTION
1	13000004369-00	14	Nut - 5/16"-18 UNC
2	13000004366-00	14	Washer - Spring Lock - 5/16"
3	13000004365-00	2	Plug - Internal Hex - Z3/4-14
4	13000004357-00	1	Gear Shaft - Input - LH
5	13000004353-00	1	Gear Shaft - Middle - RH
6	13000004350-00	1	Shaft - Output - Top
7	13000004347-00	2	Key - Flat - 12 x 20 x 50
8	13000004351-00	2	Pin Locate - 5 x 30
9	13000004362-00	4	Ball - Steel
11	13000004359-00	2	Washer - Spring
12	13000004356-00	1	Plug - Poly-aminoester
13	13000004344-00	1	Housing Back
14	13000004368-00	14	Hex Bolt - 5/16"-18 UNC x 4.25"
15	13000004346-00	4	Seal - Viton Hollow
16	13000004367-00	4	Taper Roller Bearing - 32912
17	13000004370-00	4	Deep Groove Ball Bearing - 61912
18	13000004352-00	1	Shaft - Output - Bottom
19	13000004345-00	4	Seal - Viton Hollow - 75 x 95 x 10
20	13000004349-00	2	Shim - Harden - 90 x 75.5 x 4
21	13000004348-00	2	Gear Shaft - Output - LH
22	13000004371-00	4	Taper Roller Bearing - 32015
23	13000004343-00	1	Housing Front
24	13000004363-00	1	Plug - External - Oil - Z 3/8-19 - Rubber Skin
25	13000004360-00	1	Plate Name
26	13000004361-00	2	Rivet
27	13000004372-00	2	Snap Ring - 60 x 2
28	13000004354-00	2	Spring
29	13000004358-00	2	Ring - Snap - Round
30	13000004355-00	2	Bushing
31	13000004522-00	1	Gear Box - Reducer

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Limited Warranty Statement

1. Meridian Manufacturing Inc warrants each new Meridian Manufacturing Inc product (the "Goods") to be free from defects in material and workmanship under normal use and service for a period of two (2) years or ninety (90) days in the case of commercial use, from the shipment date from the Meridian dealer (FCA).
2. Meridian warrants replacement parts and components either manufactured or sold by, will be free from defects in materials or workmanship under normal use and service for thirty (30) days from the shipment date from the Meridian dealer (FCA), or the remainder of the original warranty period on the Goods, whichever is longer.
3. This warranty does not apply to:
 - a) to any merchandise or components thereof, which in the sole and unfettered opinion of Meridian, have been subject to misuse, unauthorized modifications, alteration, accident, negligence, product abuse or lack of required maintenance.
 - b) if repairs have been made with parts or by persons other than those parts or persons approved by Meridian.
 - c) to parts and accessories not manufactured by Meridian including, but not limited to, engines, batteries, tires, belts, PTO shafts or other trade accessories. Such parts shall be covered by the warranty given by the actual manufacturer, if any.
 - d) to failure of parts; or failure of parts to perform due to wear under normal or excessive service conditions; or to failure due to use by the Purchaser for purposes other than originally intended at time of manufacture, including without limitation using the Goods for mixing fertilizer, etc.; or used in excess of the built specifications.
 - e) to Goods used in areas exposed to corrosive or aggressive conditions including, but not limited to, salt water from either inside or outside the Goods.
 - f) to failures or defects arising out of damage during shipment or during storage.
 - g) to materials replaced or repaired under this warranty, except to the extent of the remainder of the applicable warranty.
4. The obligation of Meridian under this warranty shall not arise unless Meridian is notified and this warranty is presented together with a written statement specifying the claim or defect within thirty (30) days after the failure is first detected or made known to the Purchaser and within: (i) two (2) years, or ninety (90) days in the case of commercial use; or (ii) thirty (30) days in the case of replacement parts and components manufactured by Meridian; from the shipment date from the Meridian dealer (FCA). Meridian in its sole and unfettered discretion shall determine if the claim is valid and whether correction of the defect or failure shall be made by repair or replacement of the materials.
5. Title to any replaced materials Meridian wishes to have pass to it, shall pass to Meridian.
6. The obligation of Meridian hereunder extends only to the original Purchaser or Buyer to whom the Goods were initially sold. This warranty shall not be subject to any assignment or transfer without the written consent of Meridian.
7. The purchaser acknowledges that it has made its own independent decision to approve the use of the Goods and also the specific fabrication and construction procedures utilized to complete the Goods, and has satisfied itself as to the suitability of these products for its use.

8. This warranty is subject to the following limitations, provisions and conditions:
- a) Meridian shall have no liability hereunder for any claims, including field re-work.
 - b) Meridian shall not be liable for any incidental loss or damage, however caused, including, without limitation, normal wear and tear.
 - c) Meridian makes no express or implied warranties of any nature whatsoever except for such express warranties as set out herein. The warranty provided herein is in lieu of and excludes all other warranties, guarantees or conditions pertaining to the Goods, written or oral, statutory, express or implied, (except the warranty as to title) including any warranty as to the merchantability or fitness for any particular purpose. Meridian expressly disclaims all other representations, conditions or warranties, expressed or implied, statutory or otherwise and any representations, warranties or conditions that may arise from a course of dealing or usage of trade. The warranty provided herein shall constitute Meridian's sole obligation and liability and the Purchaser's sole remedy for breach of warranty. No other warranty has been made by any employee, agent, or representative of Meridian and any statements contained in any other printed material of Meridian is expressly excluded herefrom. Meridian shall not be responsible for any warranty offered by the Purchaser to its customers with respect to the Goods and the Purchaser shall indemnify Meridian with respect to same if any of those customers makes a claim against Meridian relating to any such warranty.
 - d) Subject to Meridian's obligations contained in paragraphs 1 and 2 herein, none of Meridian, its officers, directors, servants or agents shall be liable, or responsible for any loss or damage (including strict liability and liability for loss or damage due to items which the manufacturing processes are designed to identify) whether such loss or damage is caused by negligence in any manner whatsoever (including gross negligence, error, misrepresentation, misstatement, imprudence, lack of skill or lack of judgement).
9. The sole financial obligation of Meridian under this warranty shall be limited to the repair or replacement of the Goods as originally supplied and in no event shall they exceed the original cost of the Goods supplied.
10. Meridian shall not have any obligation under any warranty herein until all accounts have been paid in full by the Purchaser.
11. The construction and interpretation of this Warranty shall be governed by the laws of the Province of Saskatchewan.

Warranty Claim Procedure

- 1. Purchaser must register the Goods with Meridian.
- 2. Purchaser must contact the dealer where the unit was purchased from upon discovery of any defects.
- 3. A completed warranty claim form must be submitted by the dealer to Meridian's warranty representative for review and any subsequent course of action.
- 4. Warranty repair work will only be performed by Meridian or an approved representative of Meridian. No warranty work completed prior to approval by Meridian will be honored. Failure to follow procedure may affect any or all of this warranty.
- 5. Claims will be adjudicated at the sole discretion of Meridian and in accordance with the terms and conditions of the limited warranty.

MERIDIAN MANUFACTURING INC.

With over 65 years of experience,
Meridian is your storage and handling expert.



AGRICULTURAL



INDUSTRIAL



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