

MERIDIAN[®]

ASSEMBLY AND PARTS LIST MANUAL



SLMD SERIES AUGER

SLMD12-72 • SLMD12-79
SLMD12-85 • SLMD12-95



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

SLMD12 Series

WFN 1513-1514, 1527, 1541, 1546, 1909, 1918, 1920-1921

The Meridian SLMD12 Series 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 GRAIN 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.

DATE	EMPLOYER SIGNATURE	EMPLOYEE SIGNATURE

SET UP PROCEDURE

1. Follow and complete steps 1 through 20 on page B2 using page B3 reference drawings and then proceed to step 2 on this page.
2. Follow and complete steps 1 through 8 on page B4 and then proceed to step 3 on this page.
3. Follow and complete steps 1 through 4 on page B5 and then proceed to step 4 on this page.
4. Follow and complete steps 1 through 8 on page B6 and then proceed to step 5 on this page.
5. Follow and complete steps 1 through 6 on page B7 and then proceed to step 6 on this page.
6. Place assembled (FIGURE 9) under assembled (FIGURE 1). Connect the two assemblies with two 1" dia. x 2-1/2" bolts and lock nuts. NOTE: Refer to (FIGURE 1) for the top lift frame assembly mounting location. Proceed to step 7 on this page.
7. Lift the now assembled (FIGURE 1 & 9) together and position it over the partially assembled (FIGURE 10). Line up bottom of top lift frame to the top of the bottom lift frame. Install a pivot bushing to each side. Fasten the assemblies together at each side with 1" dia. x 8" bolt, two plated washers and a lock nut. Proceed to step 8 on this page.
8. Raise the auger tube assembly and then continue with steps 7 through 17 on page B7 before proceeding with step 9 on this page.
9. Follow and complete steps 1 through 6 on page B8, and then proceed to step 10 on this page.
10. Hydraulic lines:
Short Line connected to upper steel hydraulic line and hydraulic cylinder.
Connect valve to the lower steel hydraulic line and then attach long line to valve.
Complete long line assembly with pioneer tip.
Proceed to step 11 on this page.
11. Follow and complete steps 5 through 9 on page B5 and then proceed to step 12 on this page.
12. Follow and complete steps 1 through 7 on page B9 and then proceed to step 13 on this page.
13. Follow and complete steps 1 through 8 on page B10 and then proceed to step 14 on this page.
14. Check that all bolts are tightened, pins are in place, fittings are greased and that all safety guards and shields are installed. Ensure proper air pressure in all tires.

TUBE ASSEMBLY AND TRUSS ASSEMBLY

1. Connect tube assembly **A** to tube assembly **B** as shown in **(FIGURE 01)**, ensure proper alignment of flight assemblies. Note: For the **SLMD12-79** and **SLMD12-85**, there are three tube assemblies to connect.
2. Lift **BOOT END** of **TRUSS ASSEMBLY** min. 24" high.
3. Assemble truss risers **(FIGURES 03, 04 and 05)** in the order indicated **(FIGURE 01)**
4. Position one **SHORT CABLE** and one **LONG CABLE** straight and flat on floor and to the left and right side of the tube assembly.
5. Install **SHORT CABLE** spanning from **(FIGURE 03 to 05)**. See **(FIGURE 01)**. Fasten to **(FIGURE 05)** first using $\frac{5}{8}$ " dia. bolt, flat washer and bushing. Tighten.
6. Fasten **SHORT CABLE** to bottom two holes in **(FIGURE 04)** using $\frac{3}{8}$ " cable clamp and nuts. Leave loose.
7. In **(FIGURE 03)** partially thread one of the two nuts to eyebolt while attaching eyebolt to **TUBE SADDLE**.
8. Thread **SHORT CABLE** through eyebolt and pull tight. Attach two $\frac{5}{16}$ " cable clamps as shown in **(FIGURE 03)**
9. Tighten partially threaded nut on eyebolt until adequate tension is achieved on **SHORT CABLE**.
10. Thread second nut to eyebolt and lock.
11. Repeat steps 5 - 10 to install second **SHORT CABLE**.
12. Install **LONG CABLE** spanning from **(FIGURE 02 to 06)**. See **(FIGURE 01)**. Fasten to **(FIGURE 06)** first using $\frac{5}{8}$ " dia. bolt, flat washer and bushing. Tighten.
13. Fasten **LONG CABLE** to top two holes in **(FIGURE 03, 04 and 05)** using $\frac{3}{8}$ " cable clamp and nuts. Leave loose.
14. In **(FIGURE 02)** partially thread one of two nuts to eyebolt while attaching eyebolt to **TUBE SADDLE**.
15. Thread **LONG CABLE** through eyebolt and pull tight. Attached two $\frac{5}{16}$ " cable clamps as shown in **(FIGURE 02)**.
16. Tighten partially threaded nut on eyebolt until adequate tension is achieved on **LONG CABLE**.
17. Thread second nut to eyebolt and lock.
18. Repeat steps 12 - 17 to install second **LONG CABLE**.
19. Lower **BOOT END** to floor and tighten all truss riser cable clamps.
20. Refer to **SET-UP PROCEDURES** page B1 step 2 for the next set of instructions.

TUBE ASSEMBLY AND TRUSS ASSEMBLY

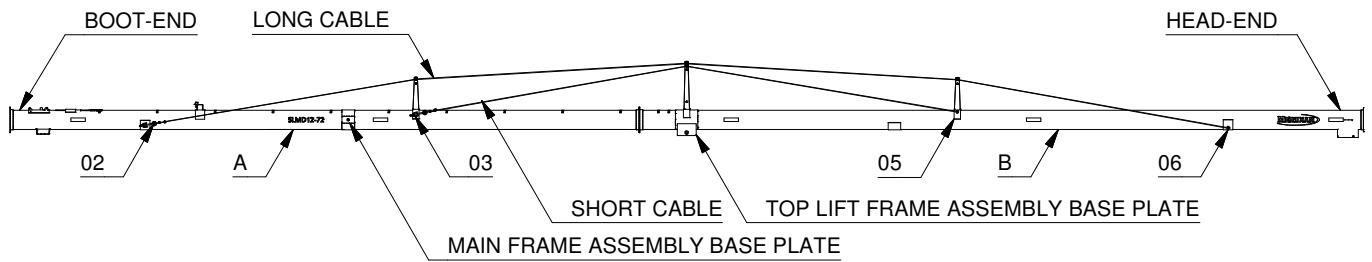


FIGURE 01

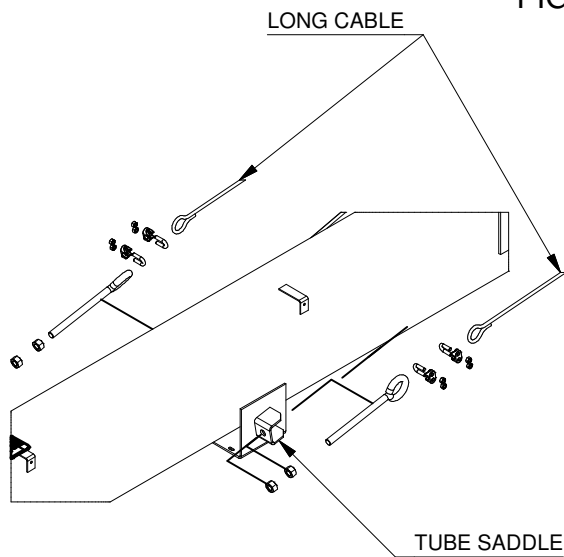


FIGURE 02

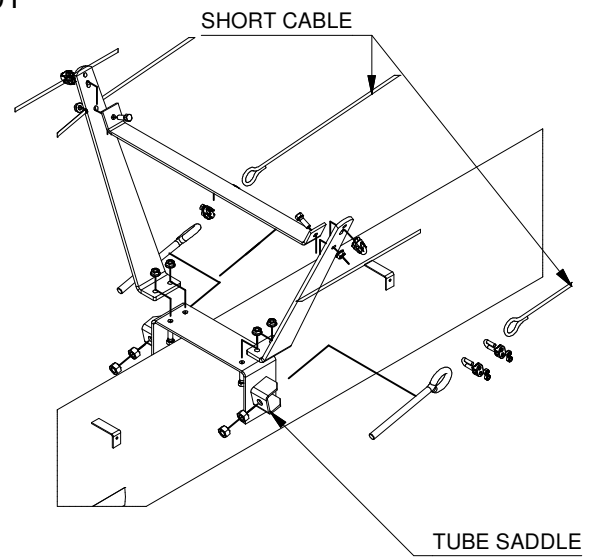


FIGURE 03

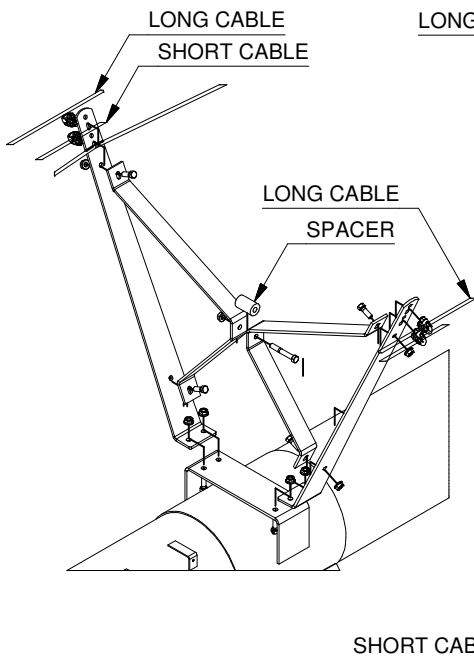


FIGURE 04

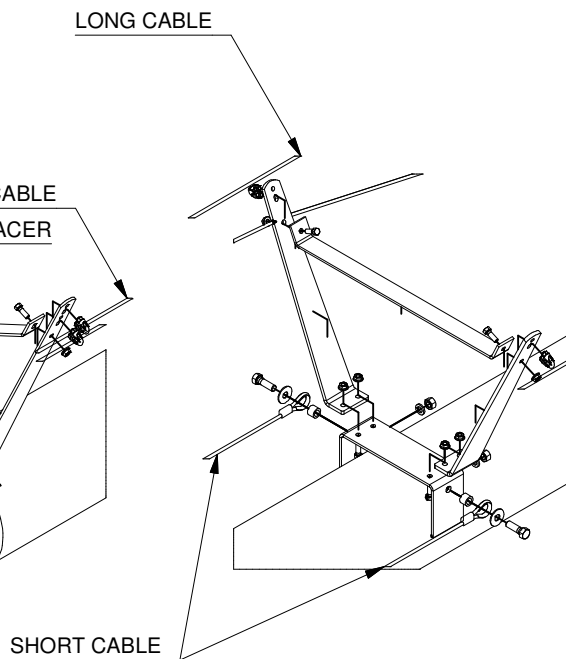


FIGURE 05

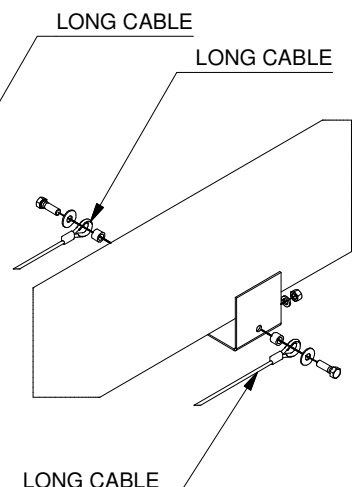
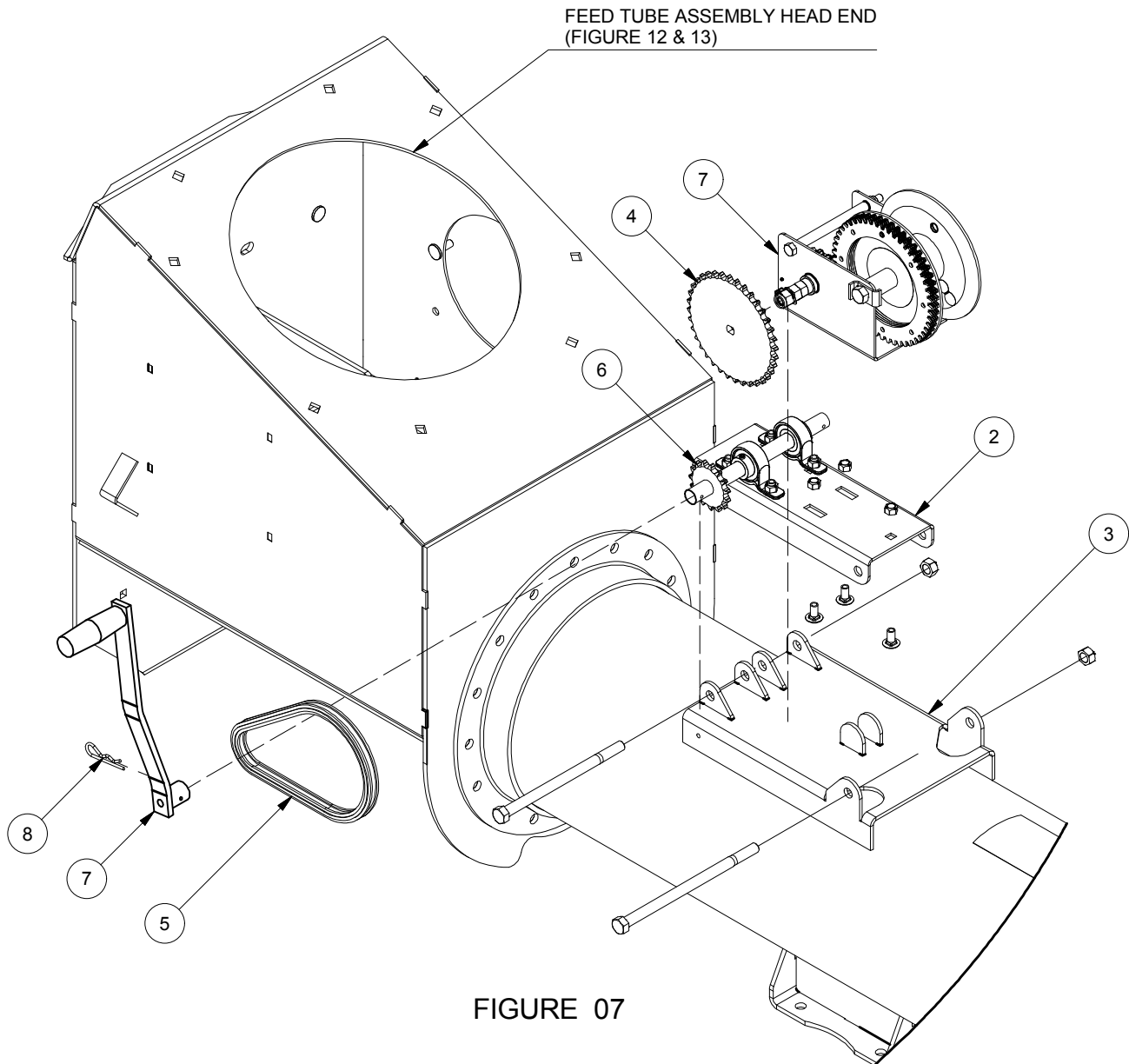


FIGURE 06

WINCH ASSEMBLY

1. Attach item 1 to item 2 with three 3/8" dia. carriage bolts and nuts. Leave loose. See **(FIGURE 07)**.
2. Install item 4 to item 1.
3. Position item 5 on item 6 and 4.
4. Tighten chain by pulling winch assembly towards the head-end and tighten the three carriage bolts from step 1.
5. Mount items 1 and 2 to item 3 using 1/2" dia. x 8" bolt and lock nut at boot end and 1/2" dia. x 9" bolt and lock nut at head end.
6. Install item 7 to item 6.
7. Insert item 8 through items 7 and 6.
8. Refer to **SET-UP PROCEDURES** page B1 step 3 for the next set of instructions.



HITCH ASSEMBLY

1. Install item 1 onto item 2 using $\frac{5}{8}$ " dia. U-bolt, washers and lock nuts and three $\frac{1}{2}$ " dia. bolts and four $\frac{1}{2}$ " dia. bolts and nuts at the tube base mount.
2. Insert item 6 into item 2 and lock in place using item 3.
3. Insert item 4 through item 3.
4. Refer to **SET-UP PROCEDURE** page B1 step 4 for the next set of instructions.
5. After completion of **SET-UP PROCEDURE** steps 1 through 10, continue with **HITCH ASSEMBLY** steps 6 through 9.
6. Insert item 2 into item 8.
7. Insert item 7 through items 8 and 2.
8. Insert item 5 through item 7.
9. Refer to **SET-UP PROCEDURE** page B1 step 12 for the next set of instructions.

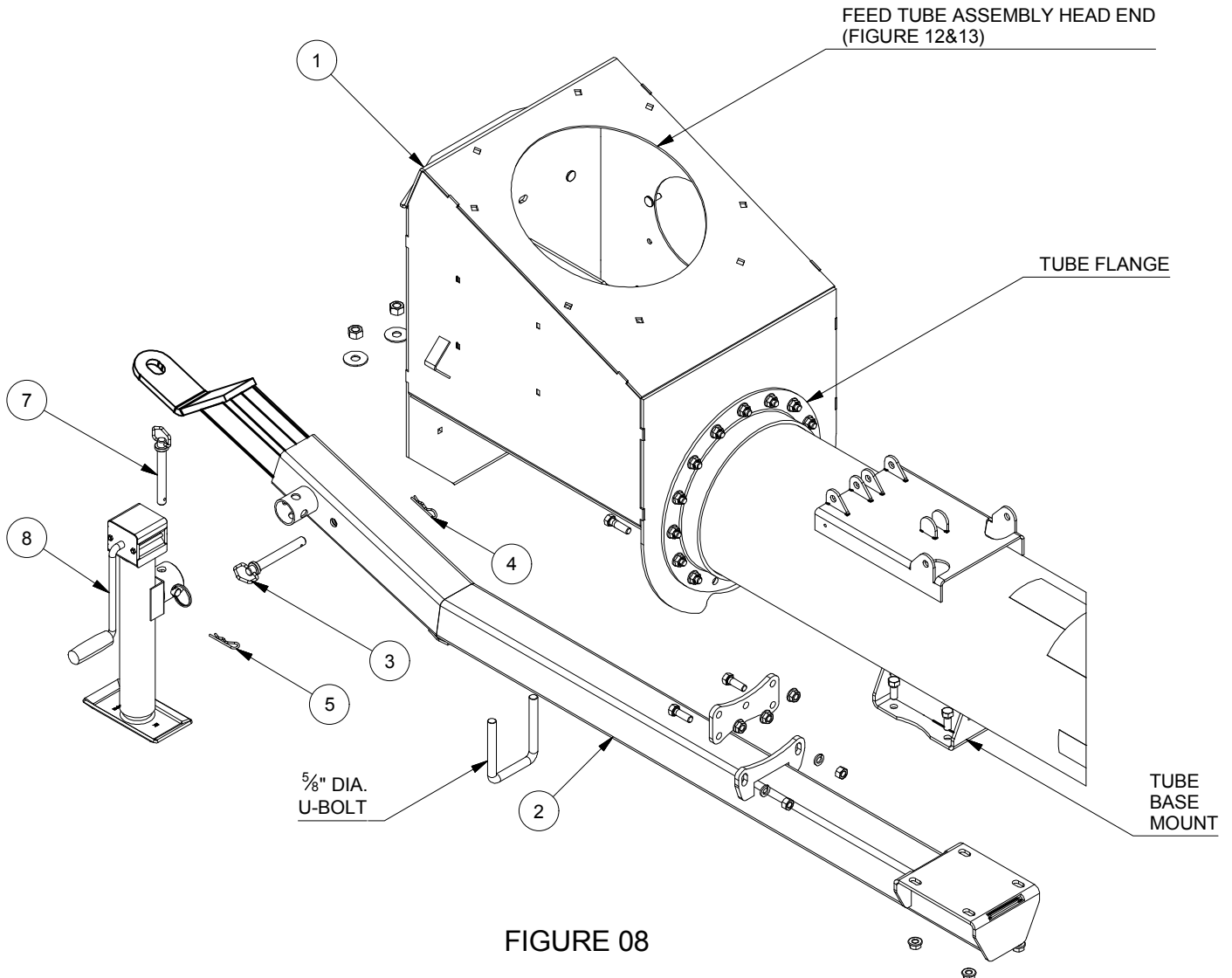


FIGURE 08

TOP LIFT FRAME ASSEMBLY

1. Lay frame out as shown in **(FIGURE 09)**.
2. Fasten item **4** to item **5** using cylinder pin.
3. Connect item **5** to item **3** using 5/8" dia. bolts, washers, and nuts.
4. Connect item **1** to item **3** using 5/8" dia. bolts, washers and nuts.
5. Connect item **6** to item **3** using 5/8" dia. bolts, washers and nuts.
6. Connect item **2** to item **1** using 5/8" dia. bolts, washers and nuts.
7. Connect item **2** to item **5** using 5/8" dia. bolts, washers and nuts.
8. Refer to **SET-UP PROCEDURES** page B1 step 5 for next set of instructions.

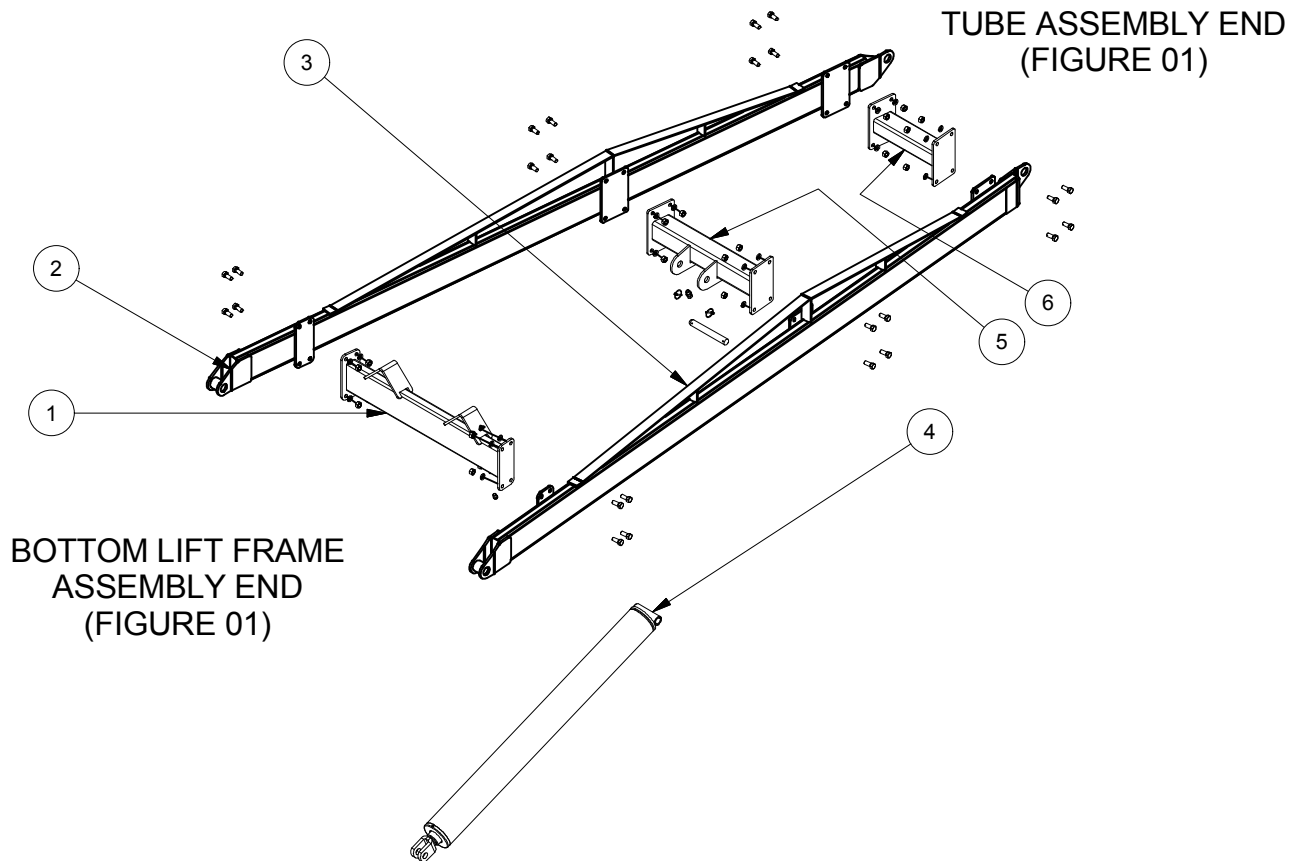


FIGURE 09

FRAME ASSEMBLY

1. Lay frame out as shown in **(FIGURE 10)**, ensure item **4** (axle) is on jack stands prior to beginning assembly.
2. Fasten items **6** and **7** to item **4** using 1" dia. bolts and locking nuts.
3. Install items **8** and **9** to item **6** and **7** using 5/8" dia. bolts and nuts.
4. Mount tires on rims and mount rims on axle spindles.
5. Insert items **10** inside of item **4** using items **5** and hairpin.
6. Refer to **SET-UP PROCEDURES** page 4 step 6 for next set of instructions.
7. After completion of **SET-UP PROCEDURE** steps 1 through 8. Continue with **FRAME ASSEMBLY** steps 8 through 18.
8. Install item **2** to items **1** and **3** using 5/8" bolts.
9. Fasten item **8** to items **6** and **7** using 5/8" dia. u-bolts.
10. Fasten item **11** to item **1** using 5/8" dia. x 1-1/2" bolts, lock washer, and nut.
11. Fasten item **14** to item **3** using 5/8" dia. x 1-1/2" bolts, lock washer, and nut.
12. Install item **12** in top holes of items **11** and **14** using 5/8" dia x 4" bolt, lock washer, and nut.
13. Install item **13** in bottom holes of items **11** and **14** using 5/8" dia x 4" bolt, lock washer, and nut.
14. Place item **15** on top moon shape cut out of item **11**.
15. Place item **16** on bottom moon shape cut out of item **14**.
16. Slide item **17** thru items **16** and **15** and with 1" nut.
17. Refer to **SET-UP PROCEDURES** page B1 step 9 for next set of instructions.

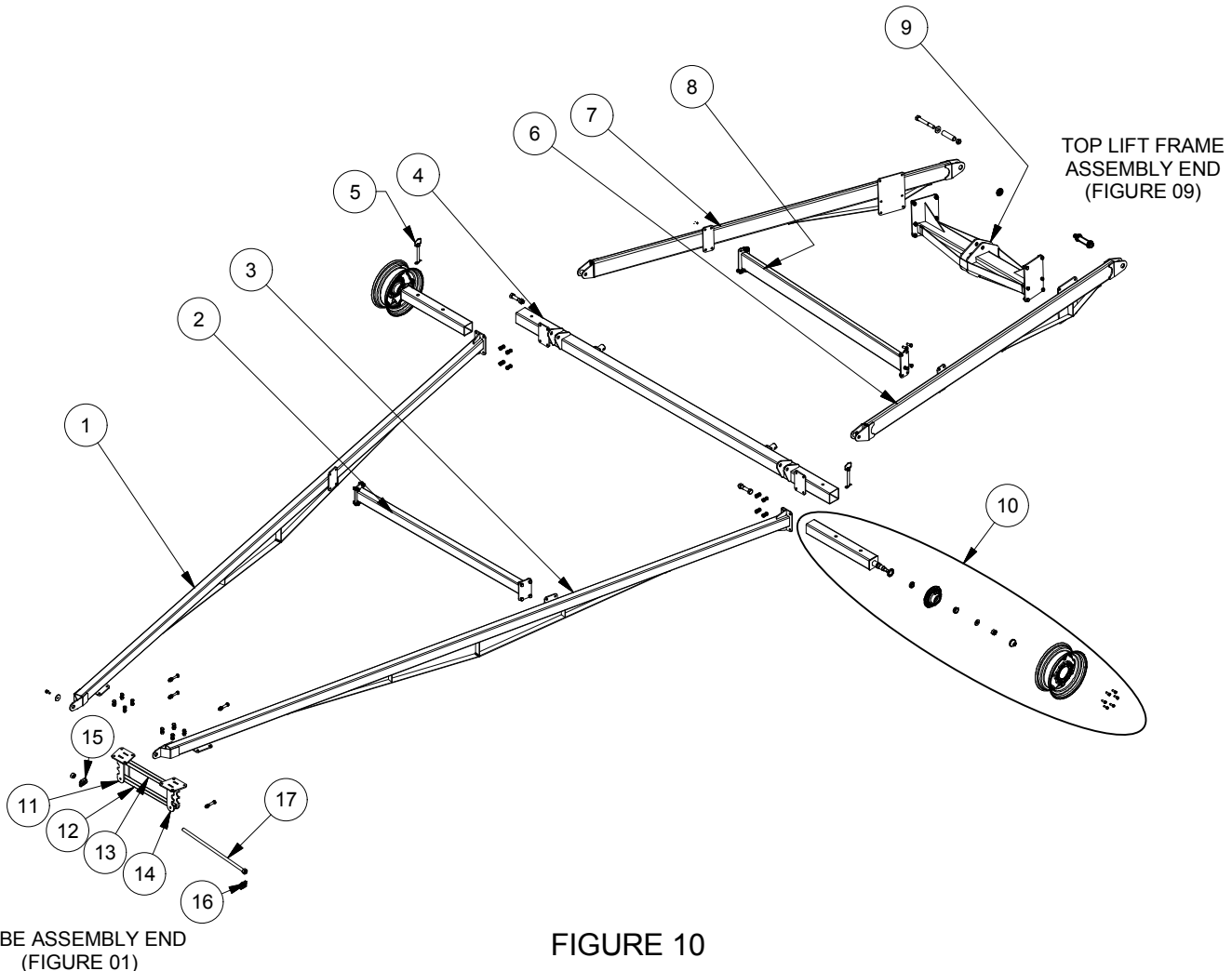


FIGURE 10

LIFT ARM ASSEMBLY

1. Slide **LIFT ARM ASSEMBLY** into **SADDLE ASSEMBLY** and fasten in place using items **3** and **5**.
2. Install **CABLE ROLLER ASSEMBLY** item **1** and item **7** on to pin.
3. Thread cable end from winch around **CABLE ROLLER ASSEMBLY #1** and **#2** through **PIPE** and around **CABLE ROLLER ASSEMBLY #3**.
4. Slide cable through item **2**. Locate item **2** 7" from cable end. Bend the last 7" of cable back onto itself and fasten using item **1**. Locate Item **1** 4" above item **2**.
5. Slide item **6** over **PIN** and **SADDLE ASSEMBLY** and lock in place with item **4**.
6. Refer to **SET-UP PROCEDURE** page B1 step 10 for the next set of instructions.

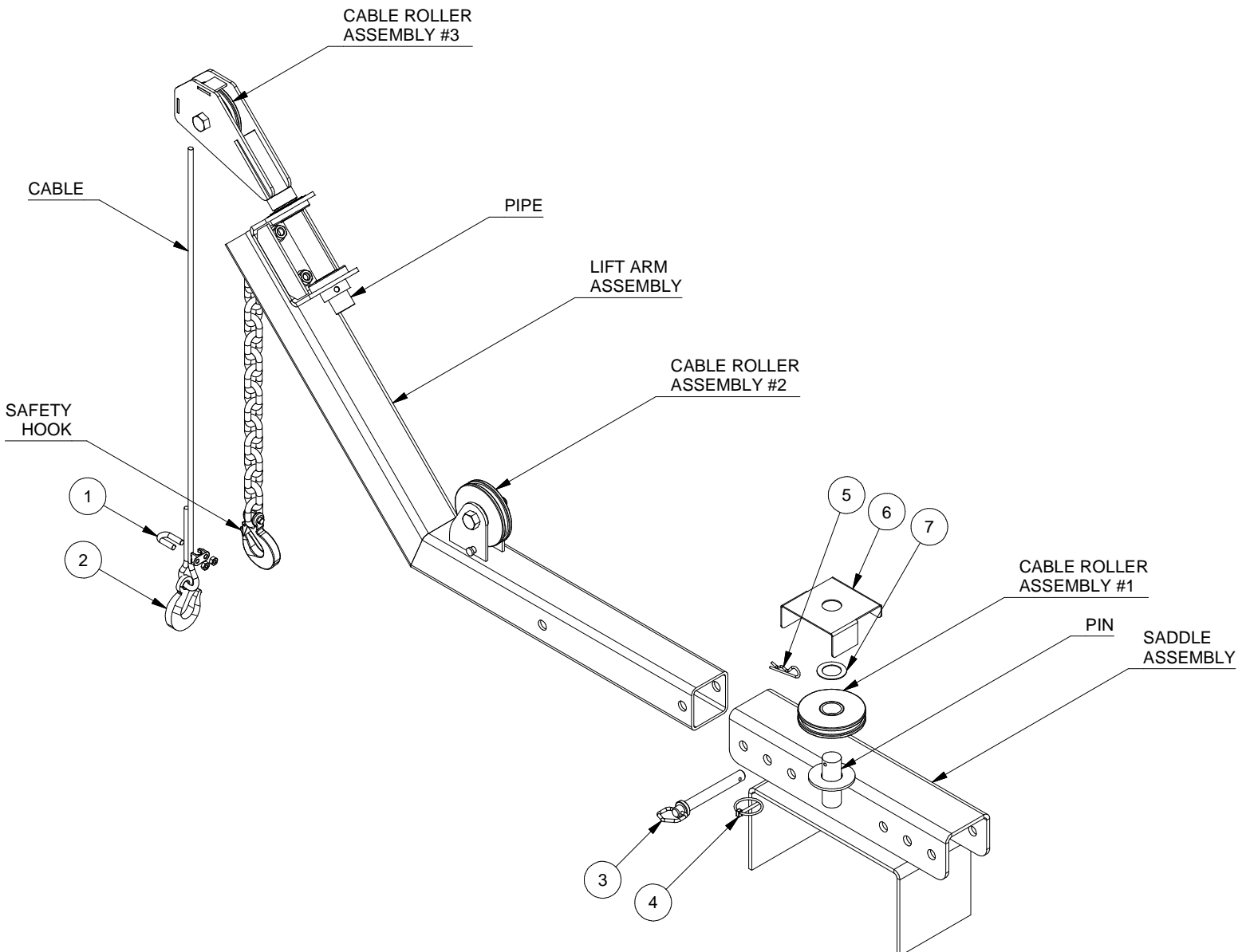


FIGURE 11

FEED TUBE ASSEMBLY

1. Assemble item 1 to item 2 with two $\frac{5}{8}$ " dia. x 1- $\frac{1}{2}$ " 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 2.
4. Fasten item 3 to item 1 and 2 using two items 4.
5. Install item 5 to item 6.
6. Attach item 7 to item 2 with three $\frac{1}{4}$ " dia. x $\frac{3}{4}$ " whiz bolt c/w whiz nut.
7. Refer to **SET-UP PROCEDURE** page B1 step 13 for the next set of instructions.

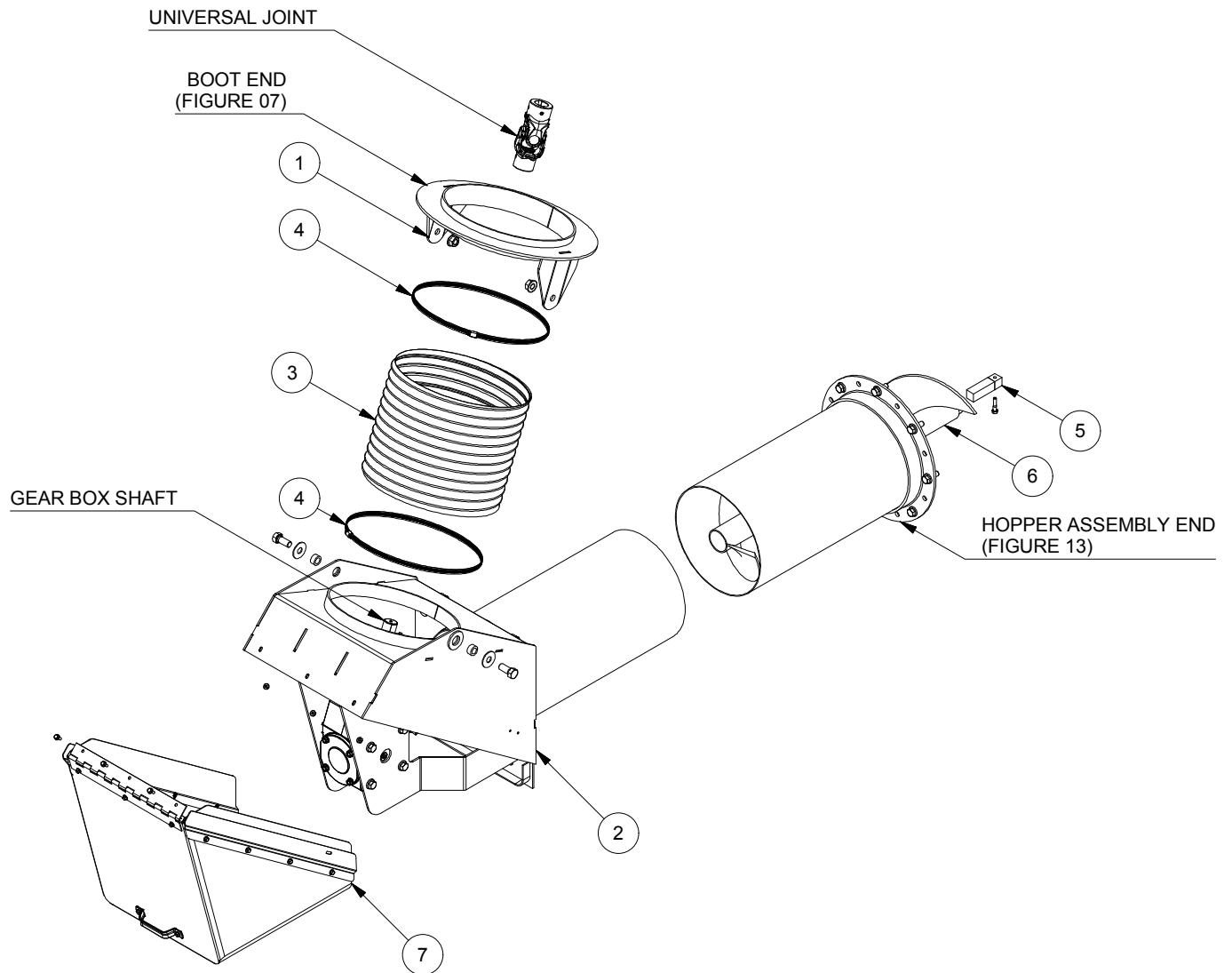


FIGURE 12

HOPPER ASSEMBLY

1. Fasten items **9** and **10** to item **7** with 7 $\frac{5}{16}$ " x 1" carriage bolts and whiz nuts.
2. Fasten item **8** to item **7** in desired hole and use $\frac{3}{4}$ " x 11" bolt with lock nut.
3. Assemble item **1** inside item **7**. Fasten with item **5** and $\frac{3}{8}$ " x 1" carriage bolt with whiz nut.
4. Fasten item **3** and **4** to item **7** with $\frac{1}{4}$ " x $\frac{1}{2}$ " whiz bolts and whiz nuts. Ensure assembly is pulled towards **FEED TUBE ASSEMBLY END** before tightening.
5. Fasten item **6** to item **7** with 1" x $2\frac{1}{2}$ " bolt, washer and lock nut.
6. Use item **5** to lock down item **4** to item **6**
7. Assemble **FEED TUBE ASSEMBLY** and **HOPPER ASSEMBLY** (**FIGURES 12 and 13**) with eight $\frac{3}{8}$ " x $1\frac{1}{4}$ " whiz bolt
8. Refer to **SET-UP PROCEDURE** page B1 step 14 for the next set of instructions.

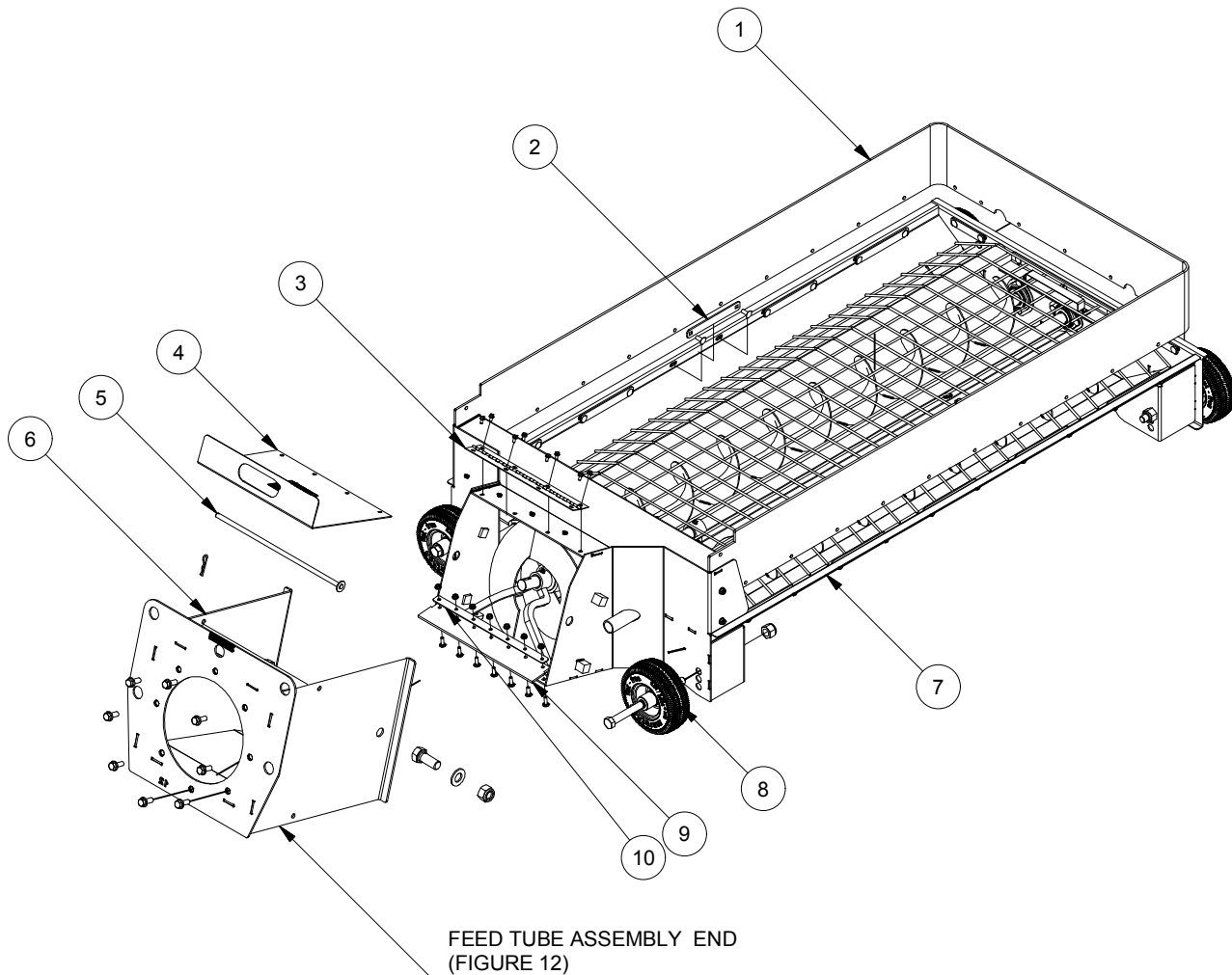
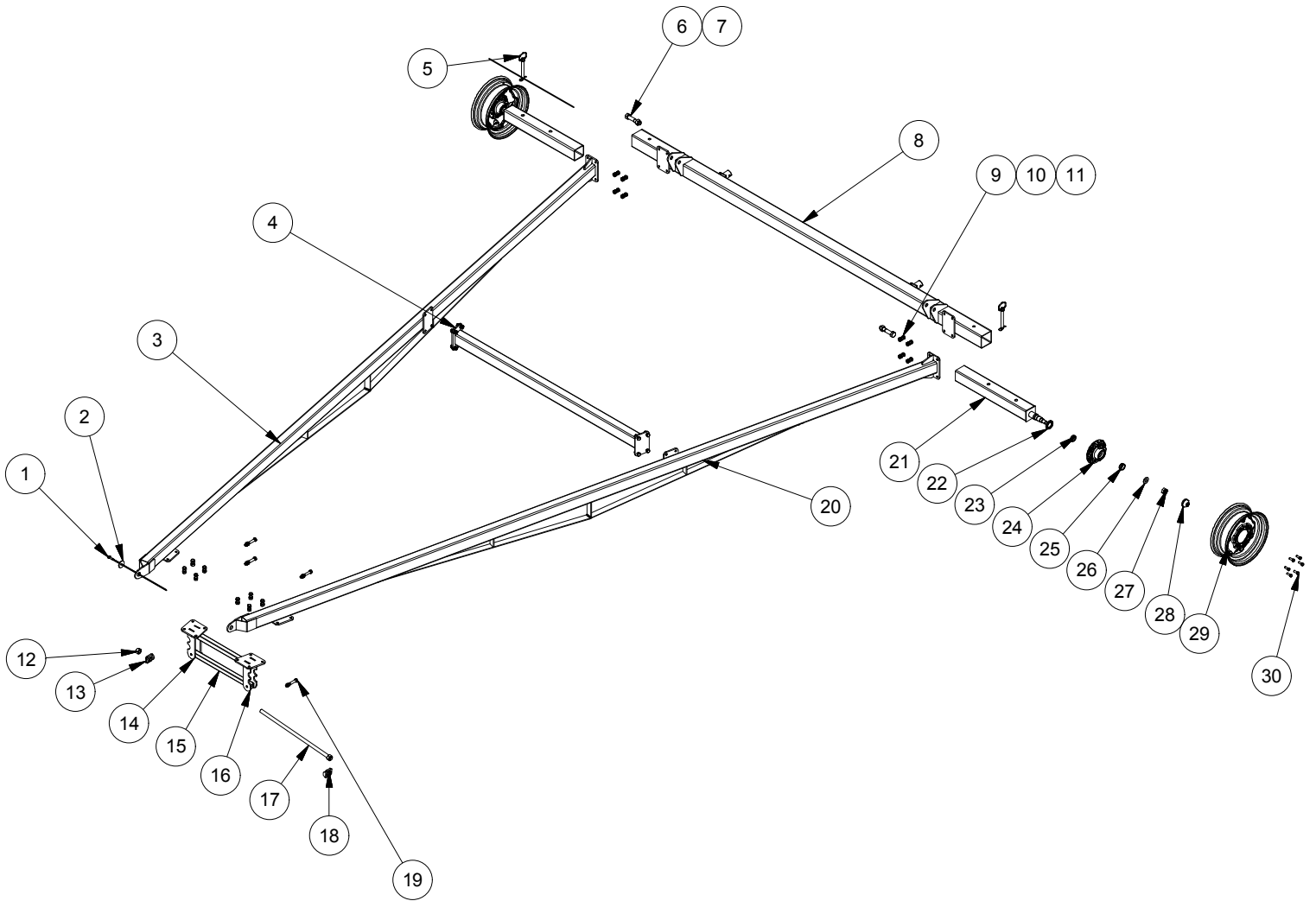
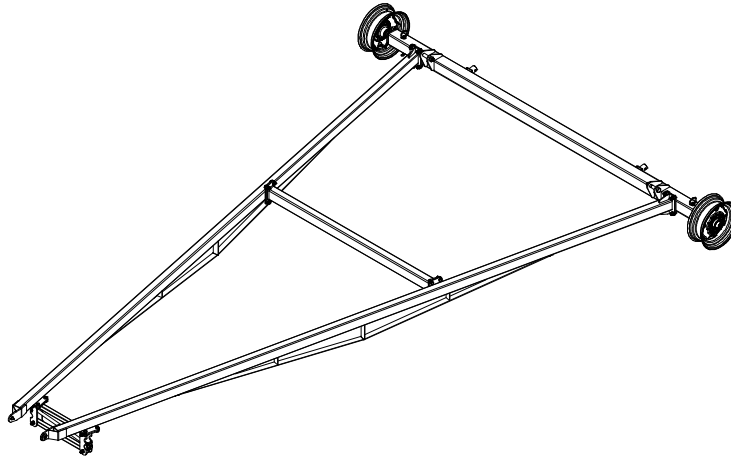


FIGURE 13

MAIN FRAME - SLMD12-72

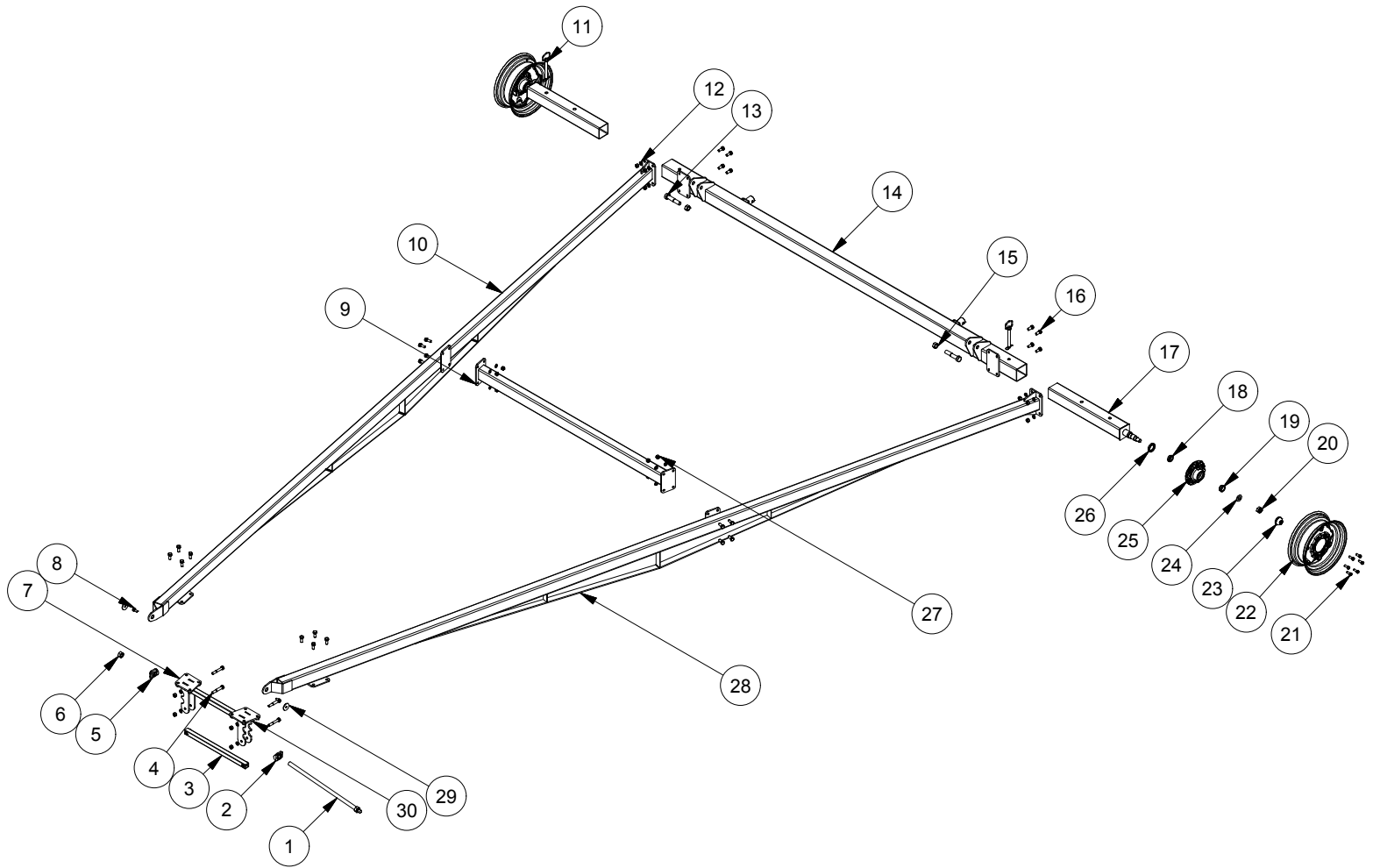


MAIN FRAME - SLMD12-72

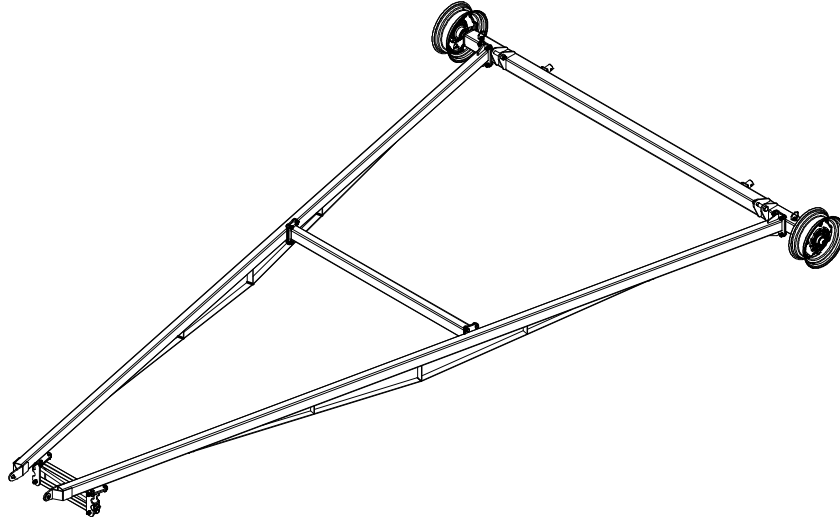


SLMD12-72			
REF #	PART #	QUANTITY	DESCRIPTION
1	13-0702-08020	2	Hex Cap Screw 1/2-13 UNC - 1.25
2	13000003007-00	2	Washer Plated
3	13000003352-00	1	Frame Main LH SLMD12-72
4	13000003159-00	1	Support Lower
5	13000003384-00	2	Axle Draw Pin
6	13-0702-16080	2	Hex Bolt 1"UNC x 5"
7	13-0730-00016	2	Stover Nut - 1"
8	13000003160-00	1	Axle - Frame
9	13-0702-10024	24	Hex Cap Screw - 5/8"-11 UNC x 1.5"
10	13-0734-00010	28	Lock Washer 5/8"
11	13-0725-00010	28	Hex Nut - 5/8" UNC
12	13-0725-00016	1	Hex Nut - 1" UNC
13	13000003381-00	1	Threaded Rod
14	13000003378-00	1	Bracket Tie Rod LH
15	13000003379-00	2	Tie Rod
16	13000003377-00	1	Bracket Tie Rod RH
17	13000003380-00	1	Threaded Rod Assembly
18	13000003382-00	1	Lock
19	13-0702-10064	4	Hex Cap Screw 5/8" UNC x 4"
20	13000003355-00	1	Lift Main Frame Assembly (R.H.) SLMD12-72
21	13000003358-00	2	Hub & Spindle Assembly
22	13000003133-00	2	Grease Seal
23	13000001005-00	2	Tapered Roller Bearing Cone (Outer)
24	13000003131-00	2	Hub
25	13000003135-00	2	Bearing Cone - Inner
26	13000003136-00	2	Spindle Washer
27	13000003134-00	2	Spindle Nut
28	13000003132-00	2	Dust Cap
29	13000003138-00	2	16" Rim
30	13000003156-00	12	Wheel Bolt

MAIN FRAME - SLMD12-79

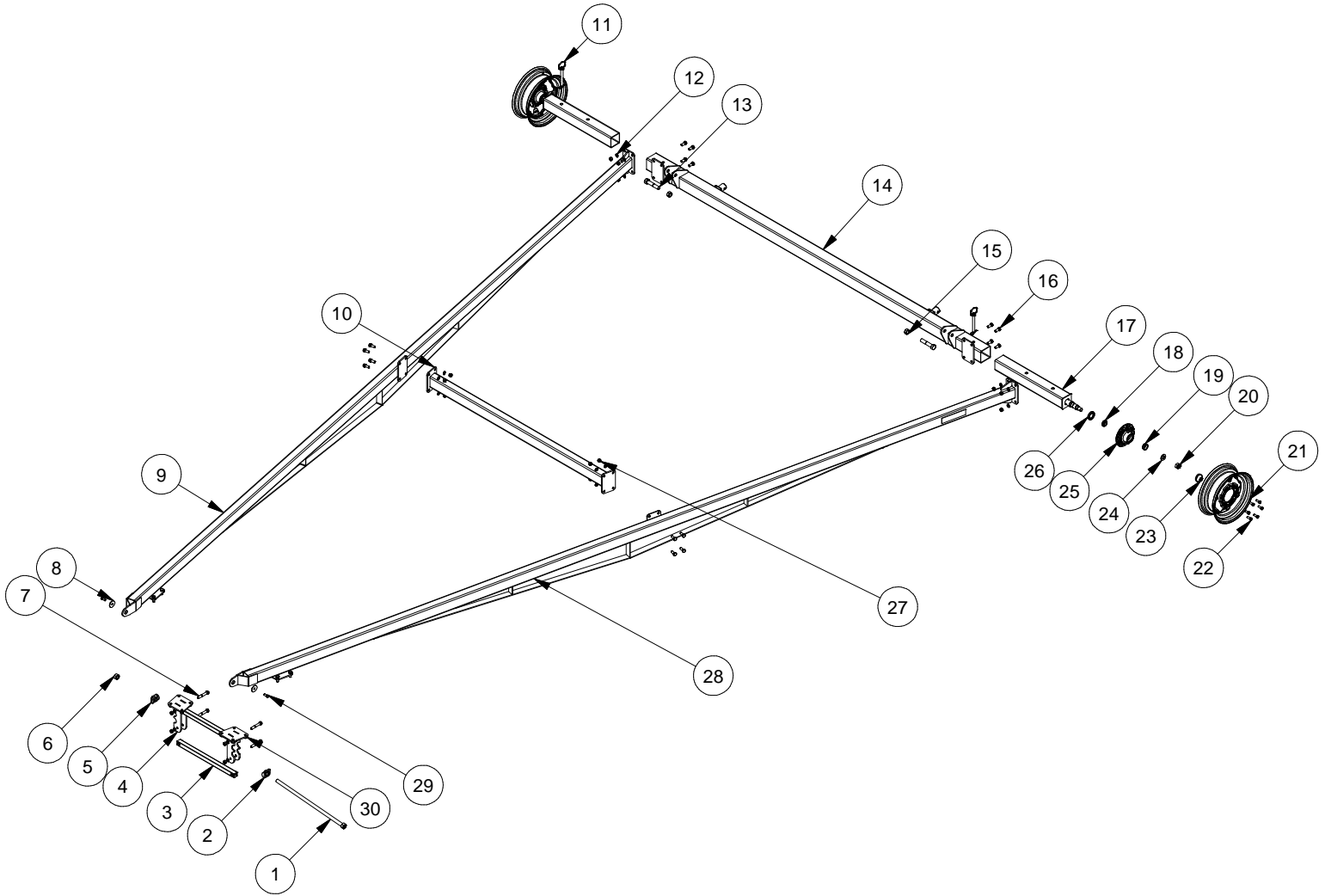


MAIN FRAME - SLMD12-79

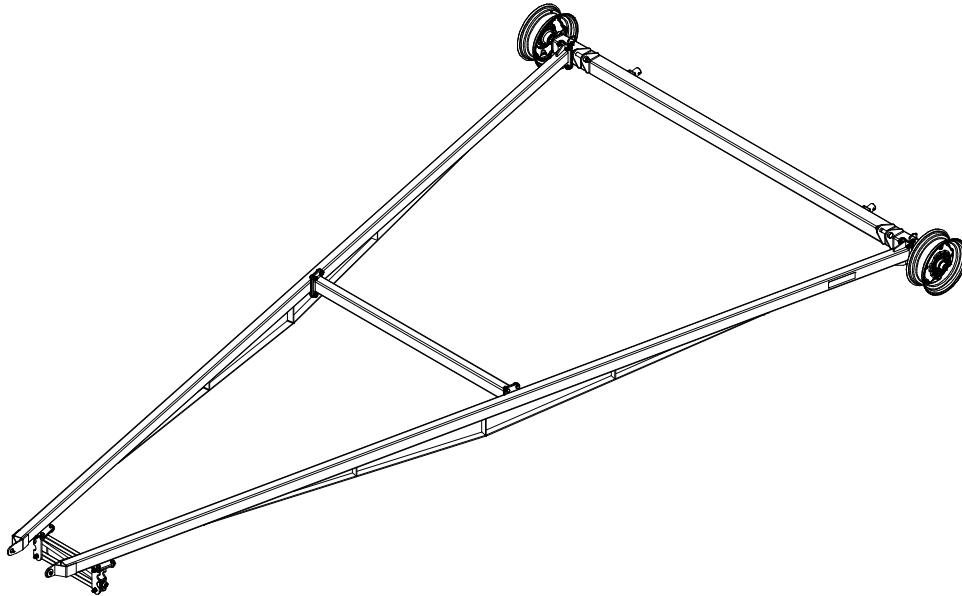


SLMD12-79			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000003380-00	1	Tie Rod Threaded
2	13000003382-00	1	Lock
3	13000003379-00	2	Tie Rod
4	13-0702-10064	4	Hex Cap Screw 5/8 x 4-11
5	13000003381-00	1	Threaded Rod
6	13-0725-00016	1	Hex Nut 1-8
7	13000003378-00	1	Bracket Tie Rod LH
8	13-0702-08020	2	Hex Cap Screw 1/2 x 1-1/4-13
9	13000003159-00	1	Support Lower
10	13000003353-00	1	Frame Main LH
11	13000003384-00	2	Axle Draw Pin
12	13-0734-00010	28	Spring Lock Washer 5/8
13	13-0702-16080	2	Hex Cap Screw 1 x 5/8
14	13000003161-00	1	Axle
15	13-0730-00016	2	Stover Locknut 1-8
16	13-0702-10024	24	Hex Cap Screw 5/8 x 1-1/2-11
17	13000003358-00	2	Hub & Spindle Assembly
18	13000001005-00	1	Tapered Roller Bearing Cone (Outer)
19	13000003135-00	1	Bearing Cone - Inner
20	13000003134-00	1	Spindle Nut
21	13000003156-00	6	Wheel Bolt
22	13000003138-00	2	16" Rim
23	13000003132-00	1	Dust Cap
24	13000003136-00	1	Spindle Washer
25	13000003131-00	1	Hub
26	13000003133-00	1	Grease Seal
27	13-0725-00010	28	Hex Nut 5/8-11
28	13000003356-00	1	Frame Main RH
29	13000003007-00	2	Washer Plated
30	13000003377-00	1	Bracket Tie Rod RH

MAIN FRAME - SLMD12-85/95

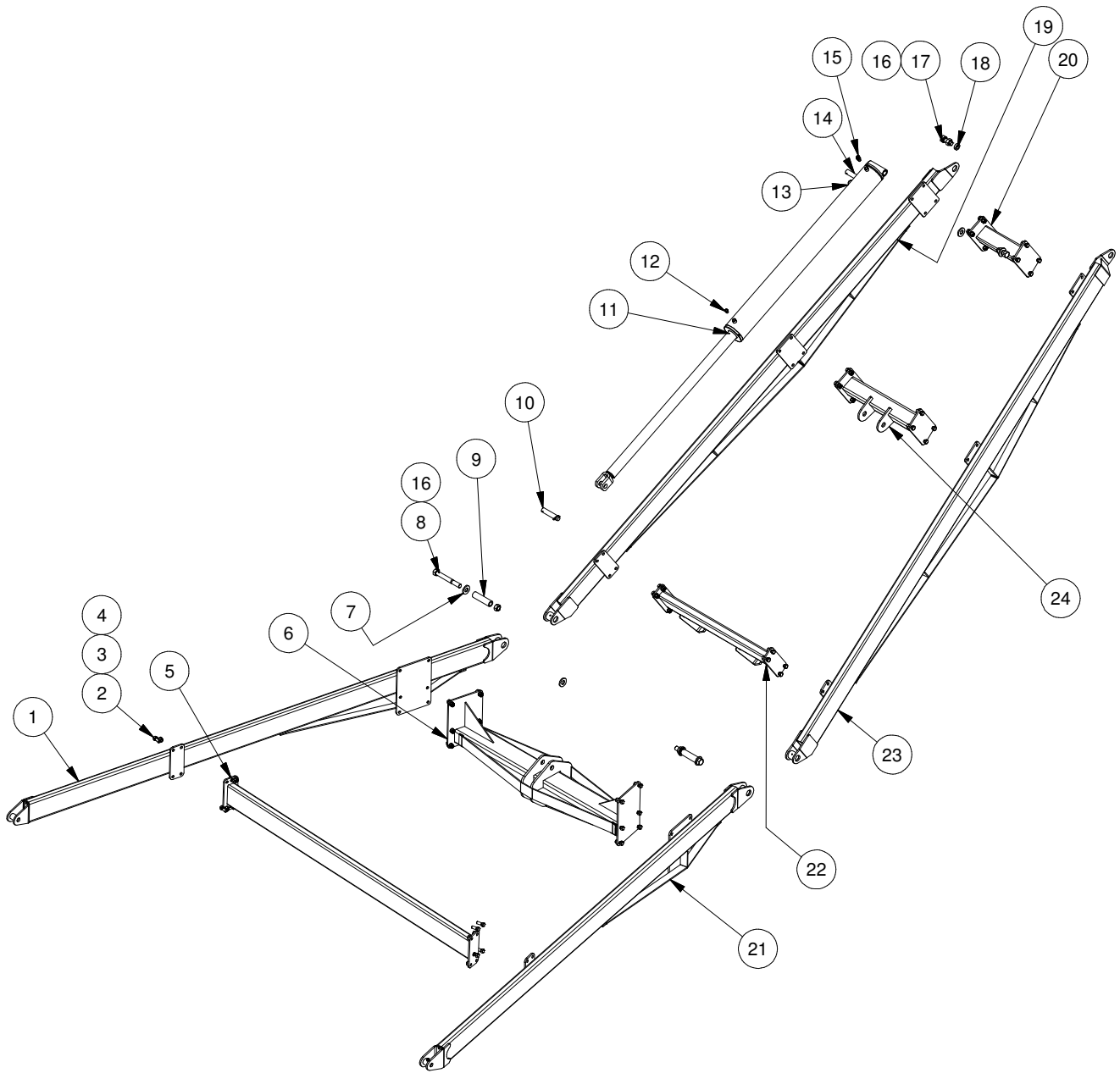


MAIN FRAME - SLMD12-85/95

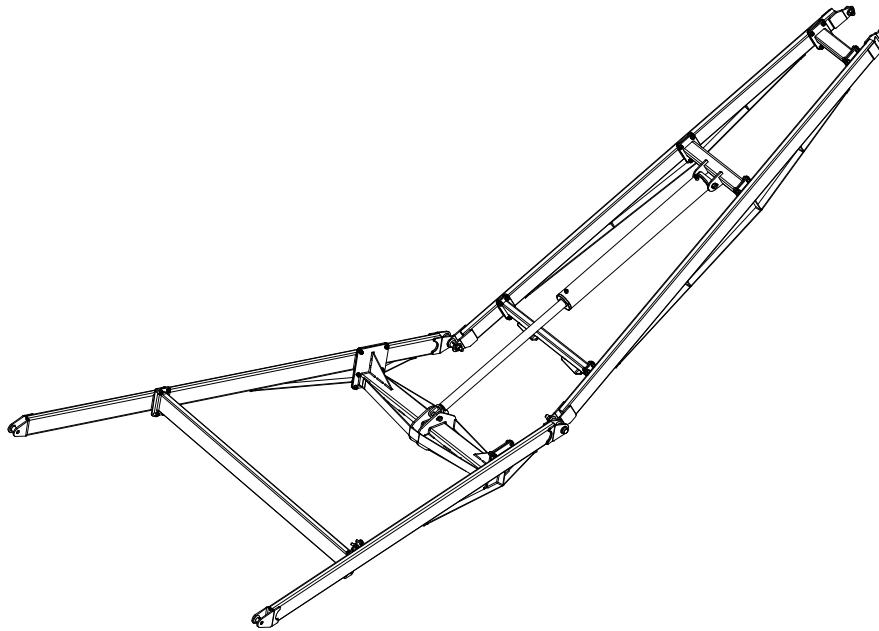


SLMD12-85/95			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000003380-00	1	Tie Rod Threaded
2	13000003382-00	1	Lock
3	13000003379-00	2	Tie Rod
4	13000003378-00	1	Bracket Tie Rod LH
5	13000003381-00	1	Threaded Rod
6	13-0725-00016	1	Hex Nut 1-8
7	13-0702-10064	4	Hex Cap Screw 5/8 x 4-11
8	13000003007-00	2	Washer Plated
9	13000003354-00	1	Frame Main LH
10	13000003159-00	1	Support Lower
11	13000003384-00	2	Axle Draw Pin
12	13-0734-00010	28	Spring Lock Washer 5/8
13	13-0702-16080	2	Hex Cap Screw 1 x 5/8
14	13000003162-00	1	Frame Axle
15	13-0730-00016	2	Stover Locknut 1-8
16	13-0702-10024	24	Hex Cap Screw 5/8 x 1-1/2-11
17	13000003358-00	2	Hub & Spindle Assembly
18	13000001005-00	1	Tapered Roller Bearing Cone (Outer)
19	13000003135-00	1	Bearing Cone - Inner
20	13000003134-00	1	Spindle Nut
21	13000003138-00	2	16" Rim
22	13000003156-00	6	Wheel Bolt
23	13000003132-00	1	Dust Cap
24	13000003136-00	1	Spindle Washer
25	13000003131-00	1	Hub
26	13000003133-00	1	Grease Seal
27	13-0725-00010	28	Hex Nut 5/8-11
28	13000003357-00	1	Frame Main RH
29	13-0702-08020	2	Hex Cap Screw 1/2 x 1-1/4-13
30	13000003377-00	1	Bracket Tie Rod RH

A-FRAME - SLMD12-72

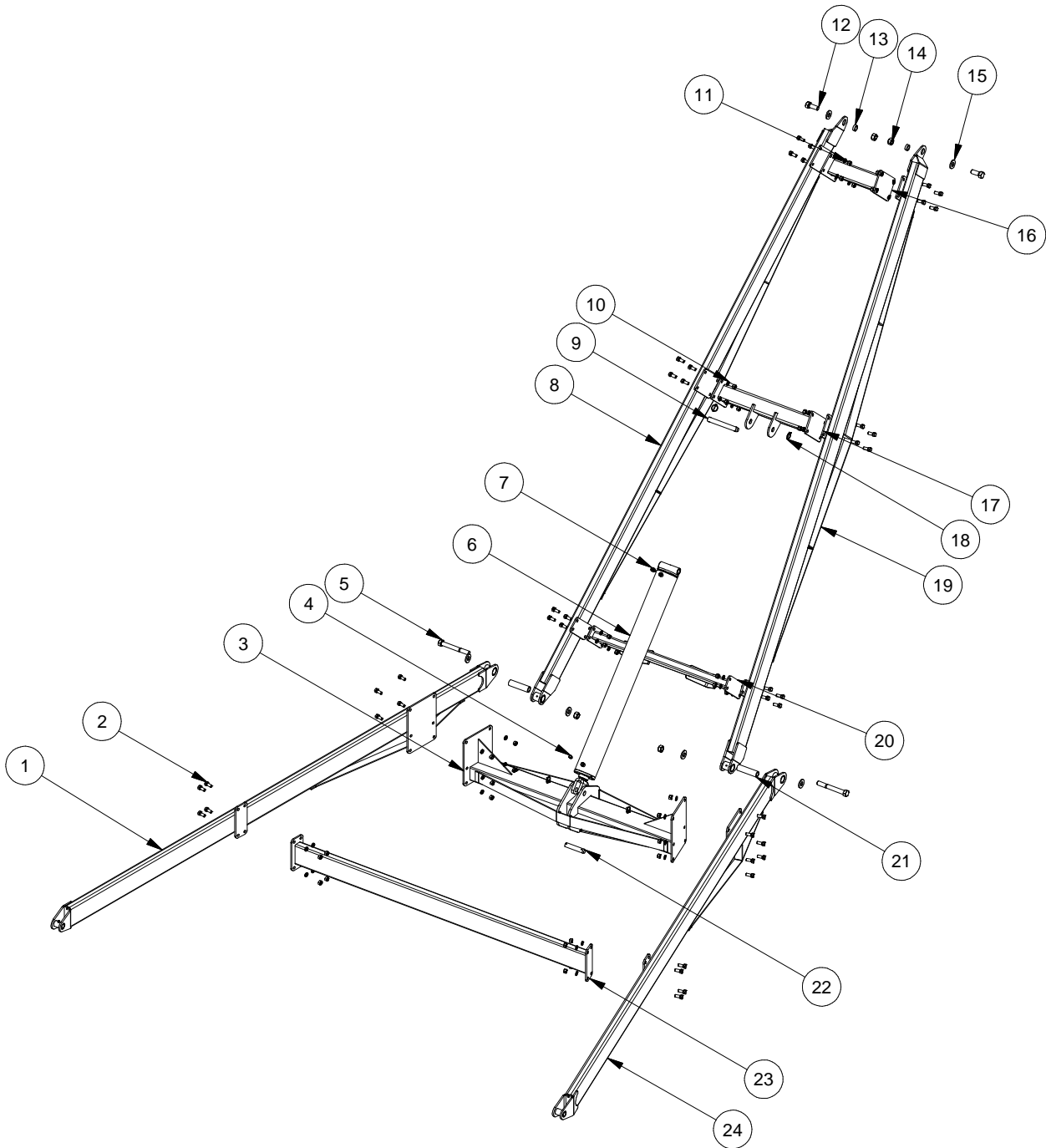


A-FRAME - SLMD12-72

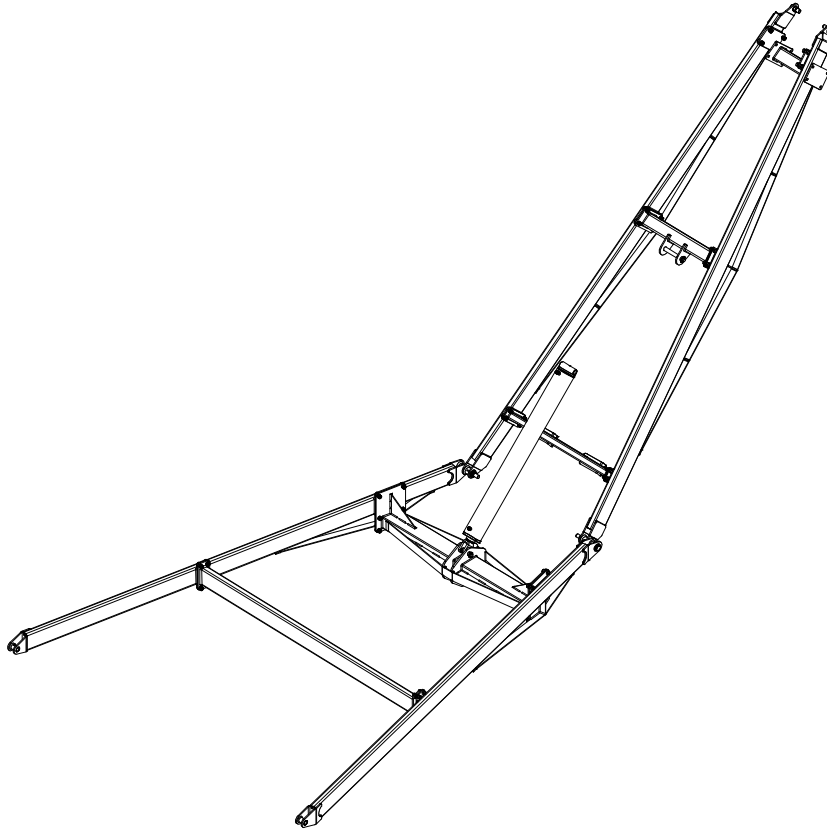


SLMD12-72			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000003251-00	1	Frame Lift Bottom LH SLMD12-72
2	13-0702-10024	44	Hex Cap Screw - 5/8" UNC x 1.5"
3	13-0734-00010	44	Helical Spring Lock Washer - 5/8"
4	13-0725-00010	44	Hex Nut - 5/8" UNC
5	13000003169-00	1	Frame Crossbrace Bottom
6	13000003365-00	1	Mount Cylinder SLMD12-72
7	13000002995-00	6	Washer Plated
8	13-0702-16128	2	Hex Cap Screw - 1"UNC x 8"
9	13000003362-00	2	Pivot Bushing
10	13000003260-00	1	Top Cyl. Mount Pin
11	13000003257-00	1	Hydraulic Cylinder
12	13000002996-00	1	3/8" NPT Vent
13	13000003153-00	4	Lynch Pin
14	13000003259-00	1	Bottom Cyl. Mount Pin
15	13000002997-00	1	Reduced Orifice Fitting
16	13-0730-00016	4	Stover Nut - 1"
17	13-0702-16040	2	Hex Cap Screw - 1"UNC x 2.5"
18	13000002994-00	2	Bushing
19	13000003177-00	1	Frame Lift Top LH - SLMD12-72
20	13000003383-00	1	Cross
21	13000003244-00	1	Frame Lift Bottom RH - SLMD12-72
22	13000003167-00	1	Cradle Assembly - SLMD12-72
23	13000003245-00	1	Frame Lift Top RH - SLMD12-72
24	13000003168-00	1	Mount Assembly

A-FRAME - SLMD12-79

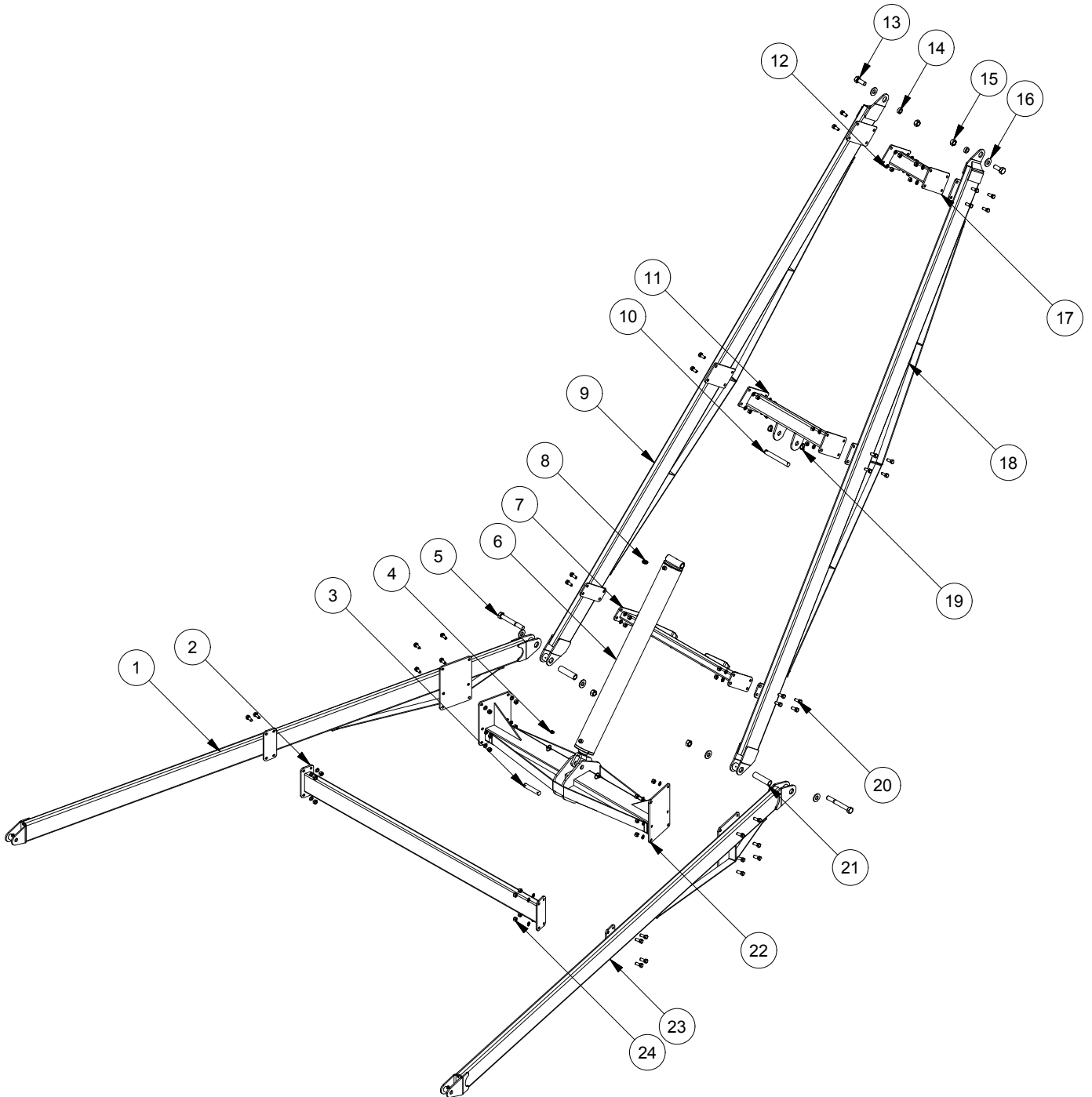


A-FRAME - SLMD12-79

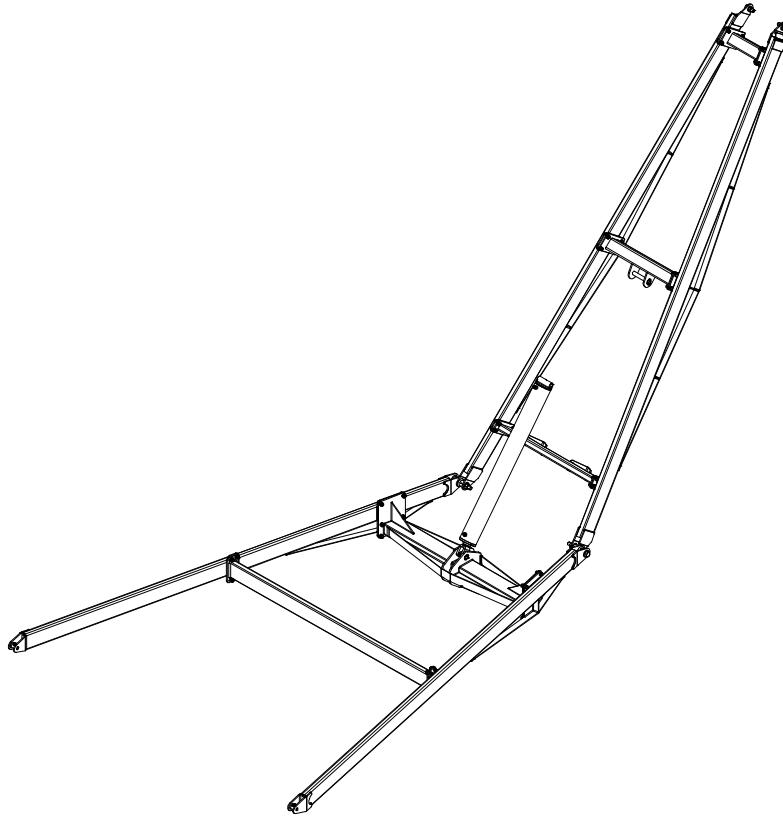


SLMD12-79			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000003299-00	1	Frame Lift Bottom LH
2	13-0702-10024	44	Hex Cap Screw 5/8 x 1-1/2-11
3	13000003366-00	1	Frame Cyl. Mount Bottom
4	13000002996-00	1	3/8" NPT Vent
5	13-0702-16128	2	Hex Cap Screw 1 x 8
6	13000003257-00	1	Hydraulic Cylinder
7	13000002997-00	1	Reduced Orifice Fitting
8	13000003255-00	1	Frame Lift Top LH
9	13000003259-00	1	Bottom Cyl. Mount Pin
10	13-0734-00010	44	Spring Lock Washer 5/8
11	13-0725-00010	44	Hex Nuts 5/8-11
12	13-0702-16040	2	Hex Cap Screw 1 x 2-1/2
13	13000002994-00	2	Bushing
14	13-0730-00016	4	Stover Locknut 1"
15	13000002995-00	6	Washer Plated
16	13000003383-00	1	Cross
17	13000003368-00	1	Frame Cylinder Mount
18	13000003153-00	4	Lynch Pin
19	13000003253-00	1	Frame Lift Top RH
20	13000003375-00	1	Frame Cylinder Cradle
21	13000003362-00	2	Pivot Bushing
22	13000003260-00	1	Top Cyl. Mount Pin
23	13000003169-00	1	Frame Crossbrace Bottom
24	13000003303-00	1	Frame Lift Bottom RH

A FRAME - SLMD12-85

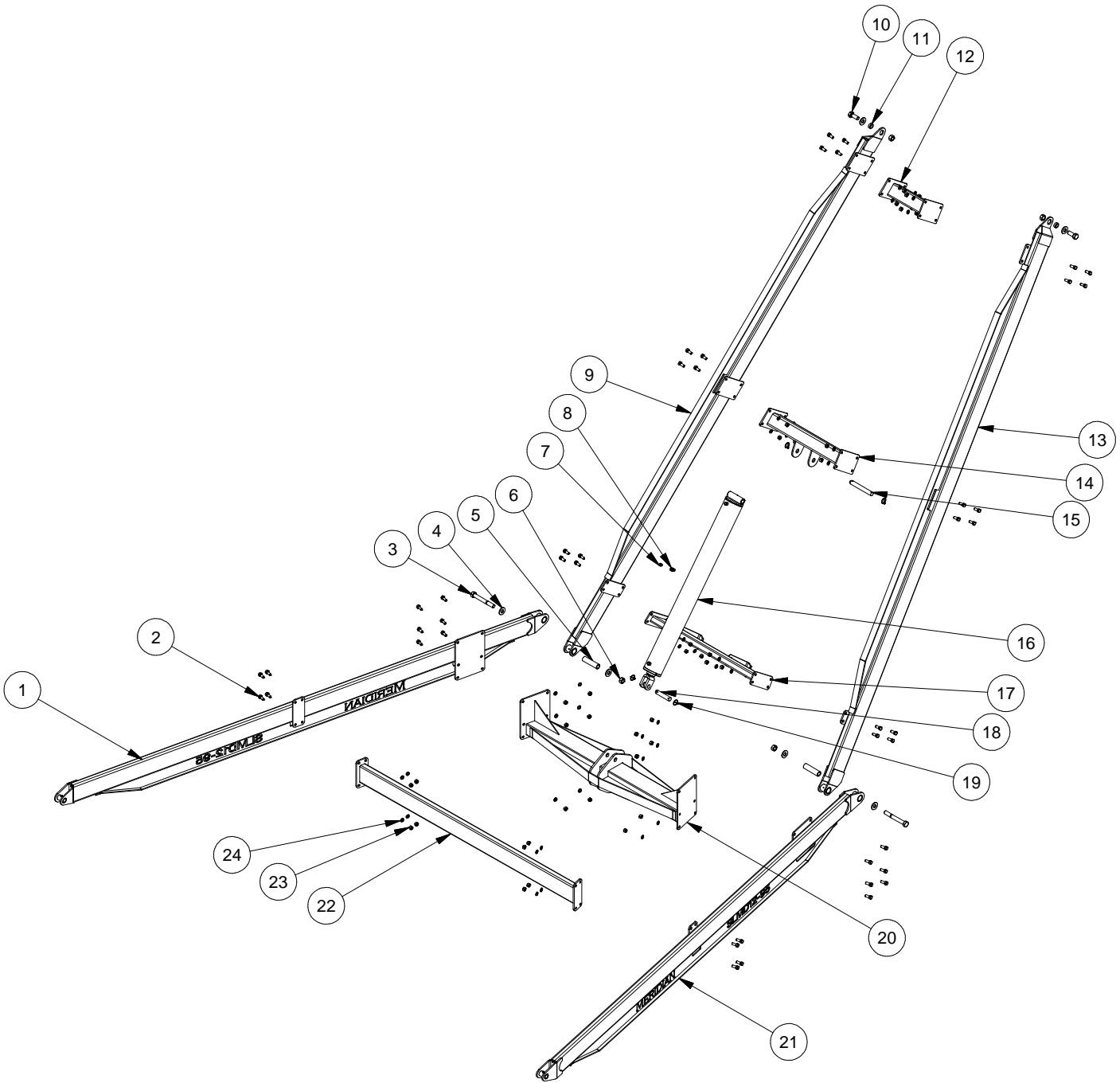


A FRAME - SLMD12-85

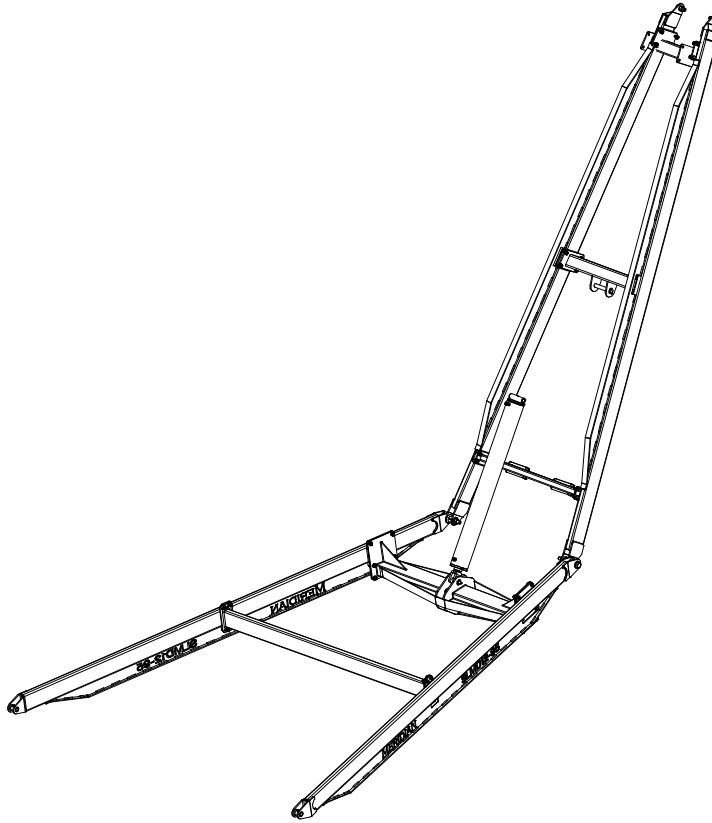


SLMD12-85			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000003252-00	1	Frame Lift Bottom LH
2	13000003169-00	1	Frame Crossbrace Bottom
3	13000003260-00	1	Top Cyl. Mount Pin
4	13000002996-00	1	3/8" NPT Vent
5	13-0702-16128	2	Hex Cap Screw 1 x 8
6	13000003257-00	1	Hydraulic Cylinder
7	13000003376-00	1	Frame Cyl. Cradle
8	13000002997-00	1	Reduced Orifice Fitting
9	13000003256-00	1	Frame Lift Top LH
10	13000003259-00	1	Bottom Cyl. Mount Pin
11	13000003369-00	1	Frame Cyl. Mount Top
12	13-0734-00010	44	Spring Lock Washer 5/8
13	13-0702-16040	2	Hex Cap Screw 1 x 2-1/2
14	13000002994-00	2	Bushing
15	13-0730-00016	4	Stover Lock Nut 1"
16	13000002995-00	6	Washer Plated
17	13000003383-00	1	Cross
18	13000003254-00	1	Frame Lift Top RH
19	13000003153-00	4	Lynch Pin
20	13-0702-10024	44	Hex Cap Screw 5/8 x 1-1/2-11
21	13000003362-00	2	Pivot Bushing
22	13000003367-00	1	Frame Cyl. Mount Bottom
23	13000003363-00	1	Frame Lift Bottom RH
24	13-0725-00010	44	Hex Nut 5/8-11

A FRAME - SLMD12-95

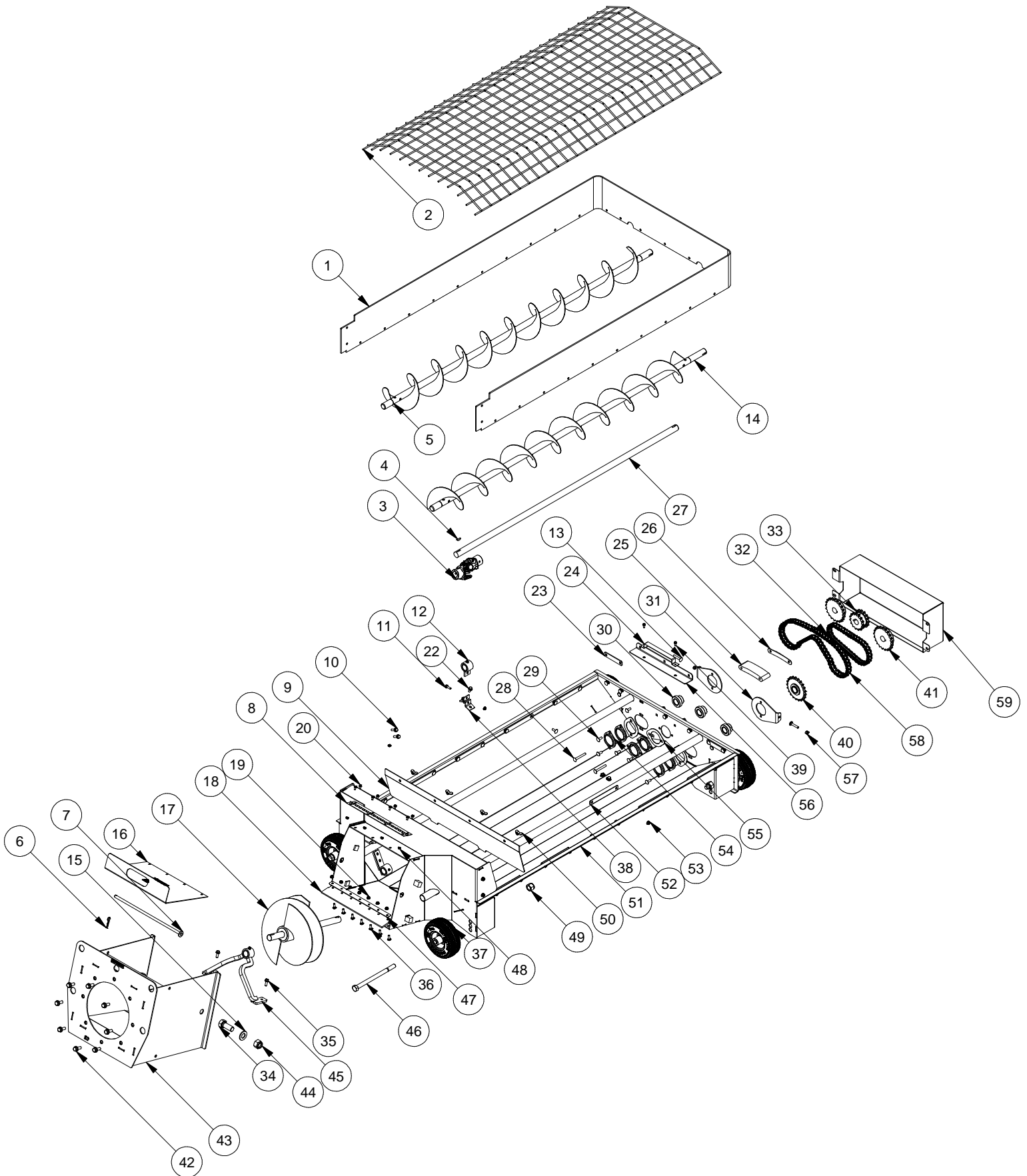


A FRAME - SLMD12-95



SLMD12-95			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000005292-00	1	Frame Lift Bottom LH
2	13-0702-10024	44	Hex Cap Screw 5/8-11 UNC - 1.5
3	13-0702-16128	2	Hex Cap Screw 1-8 UNC - 8
4	13000002995-00	6	Washer Plated
5	13000003362-00	2	Pivot Bushing
6	13-0730-00016	4	Stover Nut 1 -8
7	13000002996-00	1	3/8" NPT Vent
8	13000002997-00	1	Reduced Orifice Fitting
9	13000005294-00	1	Frame Lift Top LH
10	13-0702-16040	2	Hex Cap Screw 1-8 UNC - 2.5
11	13000002994-00	2	Bushing
12	13000003383-00	1	Cross
13	13000005295-00	1	Frame Lift Top RH
14	13000003369-00	1	Frame Cyl. Mount Top
15	13000003259-00	1	Bottom Cyl. Mount Pin
16	13000003257-00	1	Hydraulic Cylinder
17	13000003376-00	1	Frame Cyl. Cradle
18	13000003260-00	1	Top Cyl. Mount Pin
19	13000003153-00	4	Lynch Pin
20	13000003367-00	1	Frame Cyl. Mount Bottom
21	13000005293-00	1	Frame Lift Bottom RH
22	13000003169-00	1	Frame Crossbrace Bottom
23	13-0725-00010	44	Hex Nuts (Inch Series) Hex Nut
24	13-0734-00010	44	Regular Helical Spring Lock Washers(Inch Series)

HOPPER - 74"

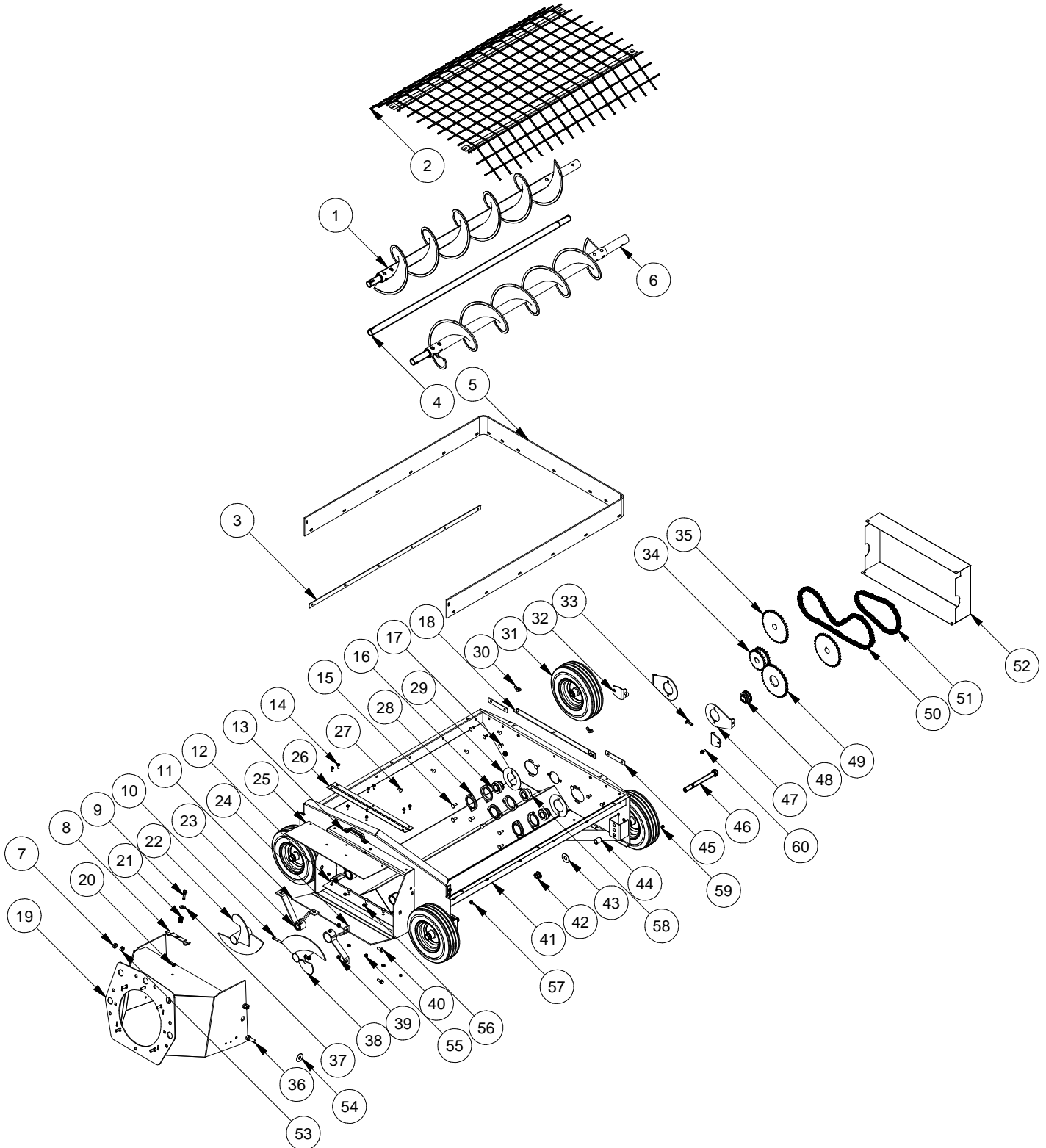


PARTS

HOPPER - 74"

SLMD12			
REF #	PART #	QUANTITY	DESCRIPTION
1	1300004683-00	1	Rubber
2	1300004675-00	1	Mesh
3	1300003724-00	1	12EBL Universal Joint - 1 1/4" RND
4	13-0740-00808	2	Woodruff Key, 1/4" x 1"
5	1300004666-00	1	Flight RH
6	13-0739-02040	1	1/8" x 2 1/2" Hair Pin
7	1300004265-00	1	Pin Lock
8	1300004682-00	1	Hinge Throat
9	1300004671-00	1	Boil Cover
10	13-0712-06020	4	3/8-16 UNC x 1.25 Flange Bolt
11	13-0712-05016	1	5/16-18 UNC x 1 Flange Bolt
12	1300004669-00	1	Drive Shaft Holder
13	13-0709-06032	2	13-0709-06032, 3/8-16 UNC - 2
14	1300004665-00	1	Flight LH
15	13-0736-00016	2	Washer INCH
16	1300004676-00	1	Inspection Door
17	1300004664-00	1	Flight - Throat
18	1300004685-00	1	Inner Throat Wiper
19	13-0731-00005	8	5/16-18 UNC Flange Nut
20	13-0712-04008	8	1/4-20 UNC x 0.5 Flange Bolt
21	1300004663-00	2	Hanger
22	13-0712-06012	4	3/8-16 UNC x 0.75 Flange Bolt
23	1300004678-00	4	Bracket Rubber Short
24	1300004672-00	1	Tie Down
25	1300004684-00	1	Chain Guide
26	1300004680-00	1	Chain Guide Plate
27	1300004681-00	1	Drive Shaft
28	13-0709-06048	2	13-0709-06048, 3/8-16 UNC - 3
29	13-0709-06016	37	13-0709-06016, 3/8-16 UNC - 1
30	1300002316-00	3	Flight Bearing
31	1300003391-00	2	Plate Chain Tension
32	1300004691-00	1	Chain 60-1R-36 c/w Connector Link
33	1300004689-00	1	Sprocket Drive c/w S.S.
34	13-0702-16040	2	1-8 UNC - 2.5
35	13-0712-06016	2	3/8-16 UNC x 1 Flange Bolt
36	13-0709-05016	7	13-0709-05016, 5/16-18 UNC - 1
37	1300004686-00	4	Tire c/w Rim
38	1300004673-00	2	Leg
39	13-0712-04010	2	1/4-20 UNC x 0.625 Flange Bolt
40	1300004690-00	1	Idler
41	1300004688-00	2	Sprocket Flight c/w S.S.
42	13-0712-08020	8	1/2-13 UNC x 1.25 Flange Bolt
43	1300004662-00	1	Throat
44	13-0729-00016	2	1 Std NC Nylock Nut
45	1300004667-00	1	Hanger Throat
46	13-0702-12176	4	3/4-10 UNC - 11
47	1300004679-00	1	Wiper Plate
48	13-0731-00004	8	1/4-20 UNC Flange Nut
49	13-0729-00014	4	7/8 Std NC Nylock Nut
50	13-0732-00006	8	Wing Nut
51	1300004670-00	1	Pan
52	1300004677-00	10	Plate - Bracket Rubber Long
53	13-0731-00006	39	3/8-16 UNC Flange Nut
54	1300001239-00	6	Bearing Flangette
55	1300002751-00	3	Sealing Plate
56	1300004674-00	1	Bracket Hold Down
57	13-0730-00006	2	3/8-16 stover
58	1300004692-00	1	Chain 60-1R-64 c/w Connector Link
59	1300004668-00	1	Guard Drive

HOPPER - 60"

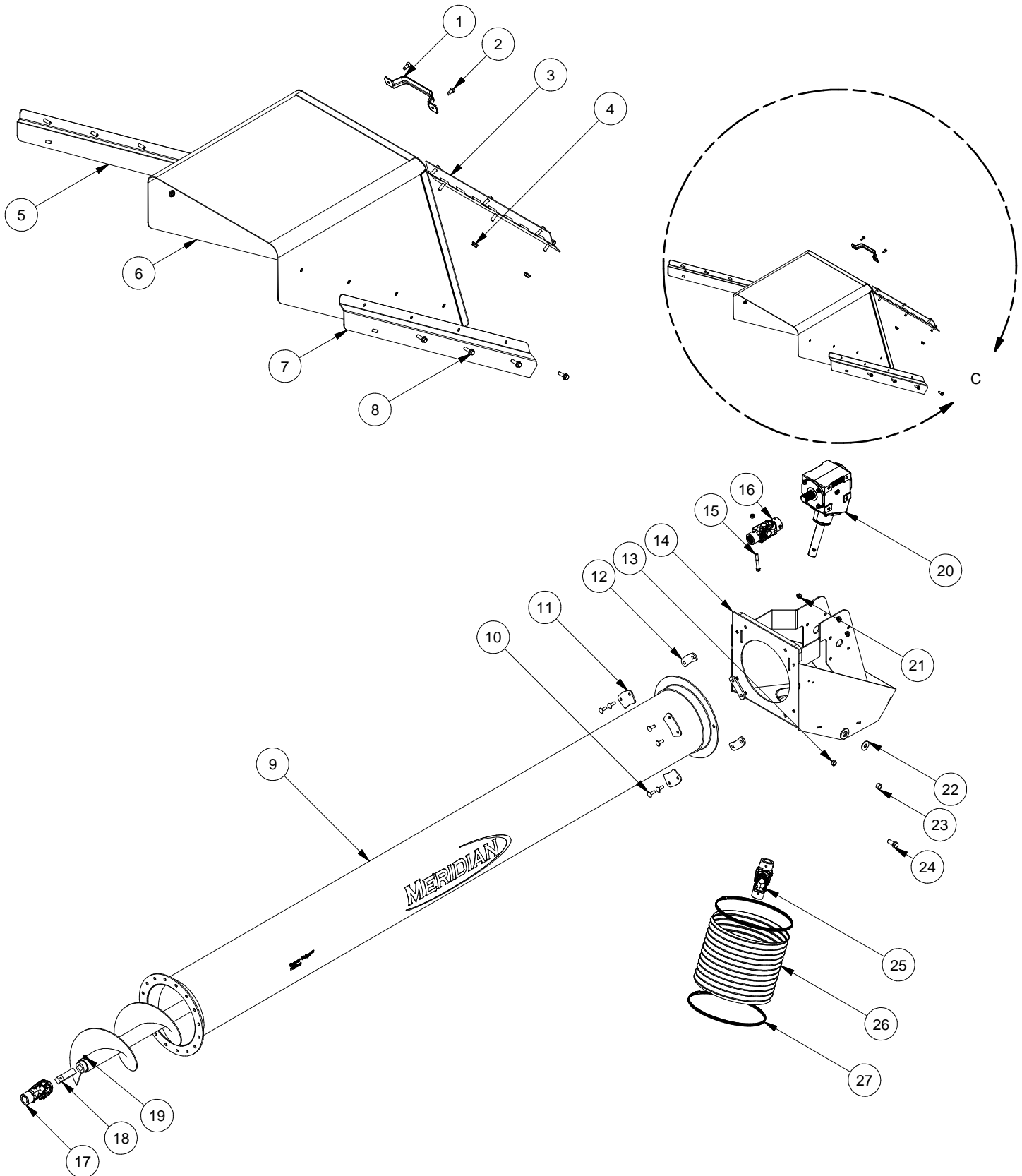


PARTS

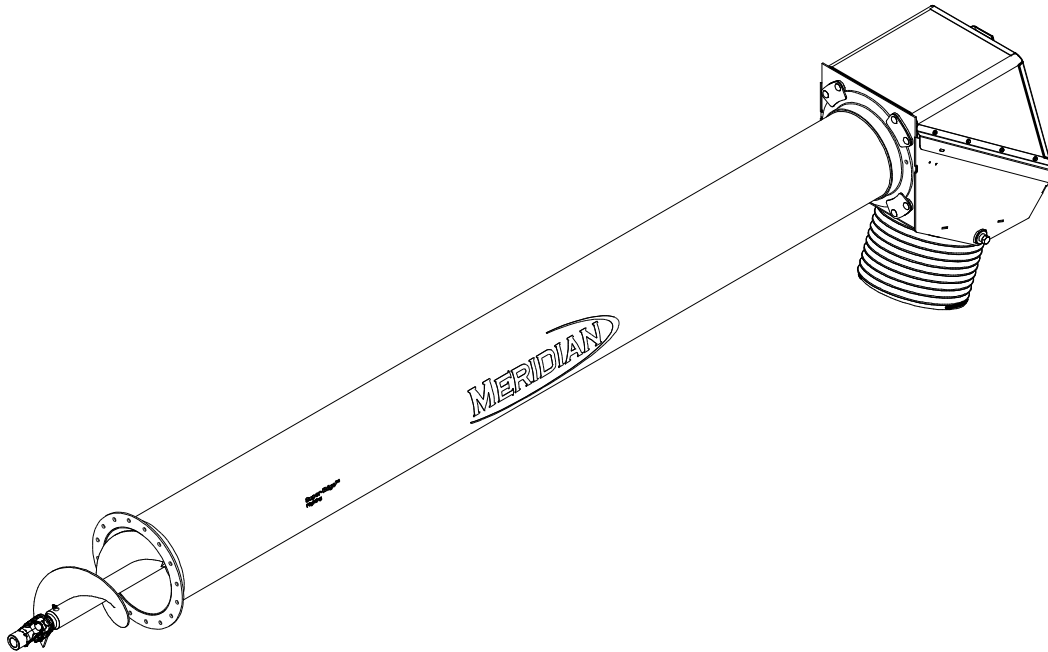
HOPPER - 60"

SLMD12			
REF #	PART #	QUANTITY	DESCRIPTION
1	1300003234-00	1	Flight Assembly Hopper RH
2	1300003236-00	1	Guard Flight
3	1300003048-00	2	Long Rubber Bracket
4	1300003515-00	1	Drive Shaft
5	1300003232-00	1	Rubber
6	1300003235-00	1	Flight Assembly Hopper LH
7	1300003261-00	2	Pivot Spacer
8	1300003056-00	1	Inspection Door Closure
9	13-0702-06024	1	Hex Cap Screw 3/8 x 1-1/2 -16
10	13-0702-06036	2	Hex Cap Screw 3/8 x 2-1/4 -16
11	1300004741-00	1	Rubber
12	1300004737-00	1	Mount Plate
13	1300003029-00	1	Handle
14	13-0712-04012	8	Flange Lock Bolt 1/4 x 3/4 - 20
15	13-0709-06016	6	Carriage Bolt 3/8 x 1 -16
16	1300002316-00	2	Flight Bearing
17	13-0709-06012	3	Carriage Bolt 3/8 x 3/4 -16
18	1300003237-00	1	Guard Mount
19	1300003226-00	1	Pivot
20	13-0730-00006	5	Stover Locknut 3/8-16
21	1300003057-00	1	Door Closure Spring
22	1300003400-00	1	Flight Extension RH
23	1300003230-00	1	Bushing Drive Shaft
24	1300003233-00	2	Bushing Flight Shaft
25	1300003227-00	1	Inspection Door
26	1300003228-00	1	Inspection Door Hinge
27	13-0709-05012	21	Carriage Bolt 5/16 x 3/4 -18
28	1300001239-00	6	Bearing Flanette
29	1300003425-00	2	Sealing Plate
30	13-0732-00006	4	Wing Nut
31	1300003239-00	4	Wheel c/w Tire
32	1300003392-00	2	Plate Chain Tension Holder
33	13-0709-06024	2	Carriage Bolt 3/8 x 1-1/2 -16
34	1300003396-00	1	Dual Drive Sprocket
35	1300003397-00	2	Drive Sprocket
36	13-0702-10028	2	Hex Cap Screw 5/8 x 1-3/4 -11
37	1300003058-00	1	Door Closure Washer
38	1300003399-00	1	Flight Extension LH
39	13-0731-00006	15	Flange Lock Nut 3/8-16
40	13-0712-06016	4	Flange Lock Bolt 3/8 x 1-16
41	1300003225-00	1	Pan
42	13-0730-00012	4	Stover Locknut 3/4" - 10
43	13-0735-00012	4	Flat Washer 3/4
44	1300003061-00	4	Wheel Spacer
45	1300003049-00	2	Short Rubber Bracket
46	13-0702-12136	4	Hex Cap Screw 3/4-10 UNC - 8.5
47	1300003391-00	2	Plate Chain Tension
48	1300003053-00	1	Left Hand Flight Bearing
49	1300003398-00	1	Reverse Sprocket
50	1300003240-00	1	Chain
51	1300003241-00	1	Chain
52	1300003238-00	1	Drive Guard
53	13-0730-00010	2	Stover Locknut 5/8-11
54	13-0735-00010	2	Flat Washer 5/8
55	13-0730-00005	5	5/16-18 stover
56	13-0731-00004	8	Flange Lock Nut 1/4-20
57	13-0712-05012	2	Flange Lock Bolt 5/16 x 3/4-18
58	1300002777-00	1	Drive Bearing
59	13-0731-00005	18	Flange Lock Nut 5/16-18
60	13-0712-06012	2	Flange Lock Bolt 3/8 x 3/4-16

FEED AUGER HEAD AND TUBE

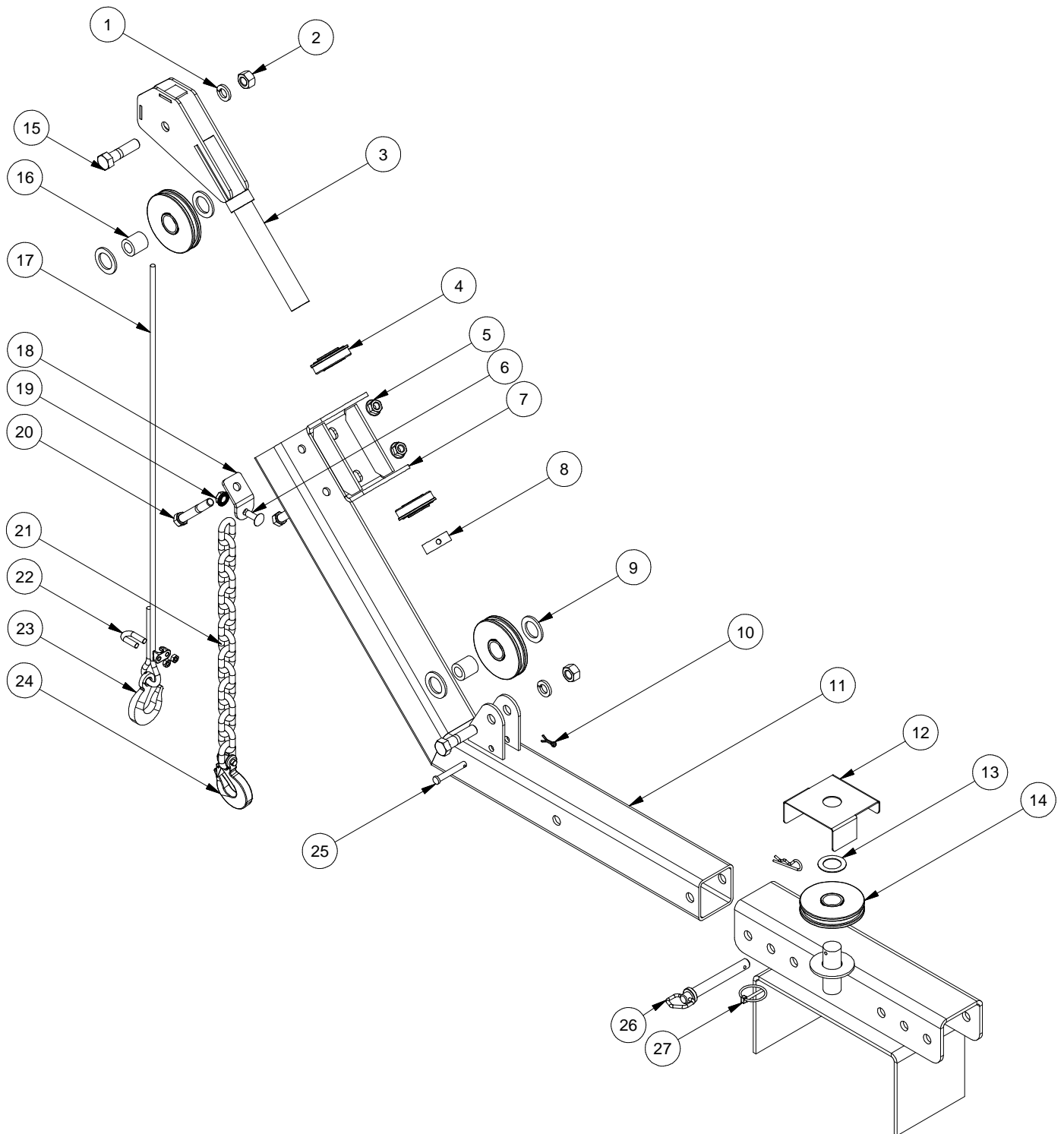


FEED AUGER HEAD AND TUBE



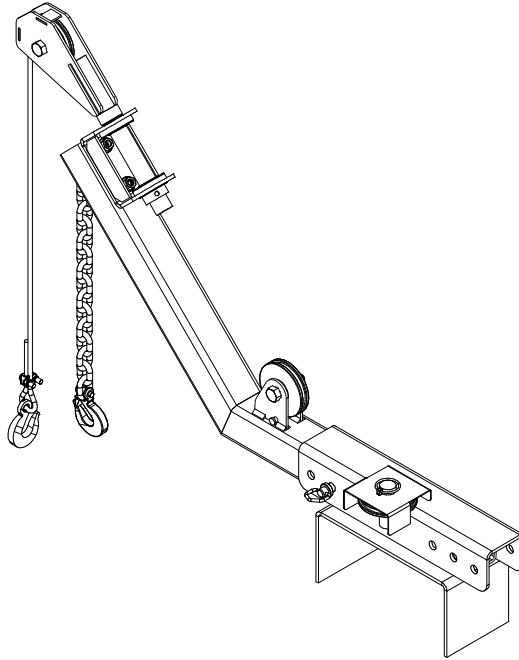
SLMD12			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000003029-00	1	Handle
2	13-0706-04008	2	Plain Regular Hex Head Tapping Screw - Type C - Inch
3	13000003222-00	1	Head Cover Hinge
4	13-0731-00004	14	Flange Lock Nut 1/4-20
5	13000003221-00	1	Rain Guard (RH)
6	13000003219-00	1	Head Cover
7	13000003220-00	1	Rain Guard (LH)
8	13-0712-04012	14	Flange Lock Bolt 1/4 x 3/4-20
9	13000003212-00	1	Tube Feed
10	13-0709-07020	8	Carriage Bolt 7/16 x 1-1/4 -14
11	13000003217-00	4	Plate Top Pivot
12	13000003216-00	4	Plate Pivot Spacer
13	13-0730-00010	2	Stover Locknut 5/8-11
14	13000003214-00	1	Head
15	13-0702-07048	1	Hex Bolt 7/16-14 UNC X 3 c/w Lock Nut
16	13000003223-00	1	12R Universal
17	13000003128-00	1	12P Universal
18	13000003035-00	1	Stub
19	13000003213-00	1	Flight Feed
20	13000003215-00	1	Top Gear Box
21	13-0731-00007	8	Flange Lock Nut 7/16-14
22	13-0735-00010	2	Flat Washer 5/8
23	13000003034-00	2	Pivot - Bushing
24	13-0702-10024	2	Hex Cap Screw 5/8 x 1-1/2 -11
25	13000003224-00	1	12R Universal Joint
26	13000003218-00	1	Rubber Tubing
27	13000003329-00	2	Rubber Tubing Clamp

LIFT ARM



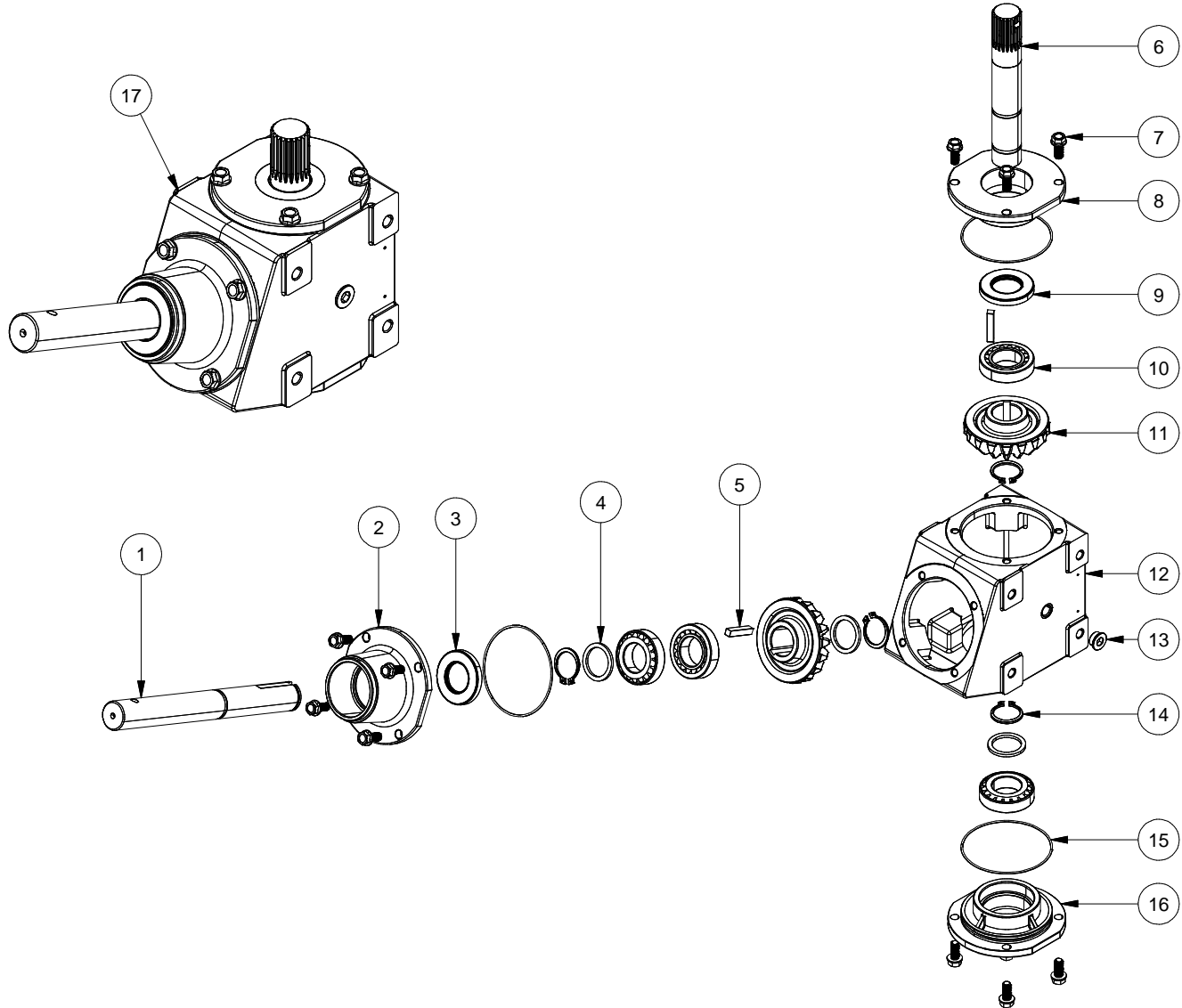
PARTS

LIFT ARM



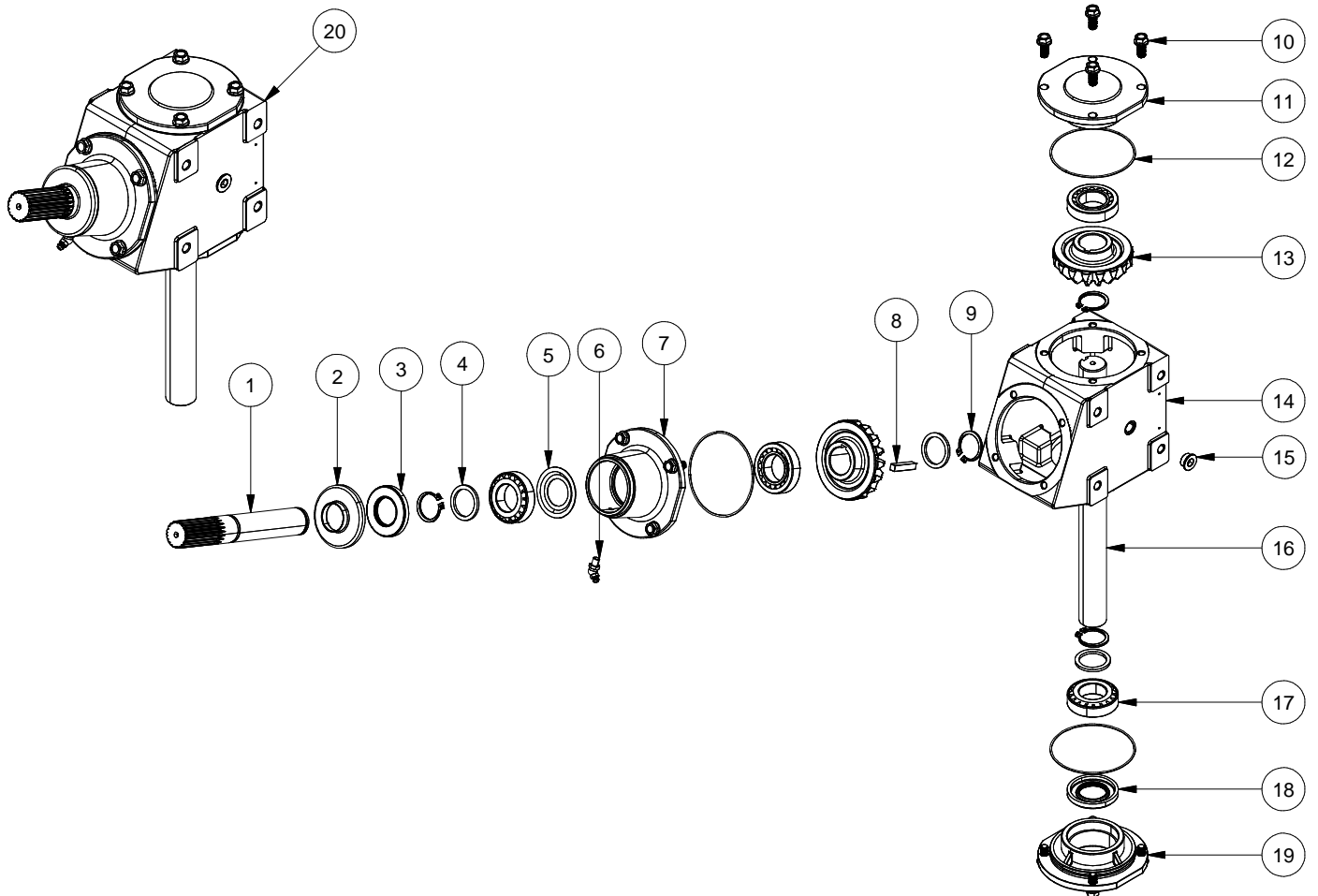
SLMD12			
REF #	PART #	QUANTITY	DESCRIPTION
1	13-0734-00010	2	Spring Lock Washer - 5/8"
2	13-0725-00010	2	Hex Nut - 5/8"
3	13000003148-00	1	Lift Arm Pivot
4	13000003147-00	2	L/A Pivot Roller Bearing
5	13-0731-00008	2	Flange Nut - 1/2-13 UNC
6	13-0709-06016	1	Carriage Bolt - 3/8-16 UNC - 1
7	13000003181-00	1	Lift Arm Pivot-Base
8	13000003151-00	1	Lift Arm Pivot Collar
9	13-0747-28018	4	Machine Bushing - 1 3/4 OD x 1 1/8 ID 10ga
10	13-0737-05024	1	Cotter Pin - 5/32 x 3/4
11	13000003178-00	1	Lift Arm
12	13000003189-00	1	L/A Saddle Roller Cover
13	13-0745-28018	1	Machine Bushing - 1 3/4 OD x 1 1/8 ID 18ga
14	13000001782-00	3	Cable Roller
15	13-0702-10040	2	Hex Cap Screw - 5/8-11 UNC - 2.5
16	13000003149-00	2	Bushing
17	13000003182-00	1	Hopper Lift Cable
18	13000003145-00	1	Lift Arm Safety Chain Lug
19	13-0731-00006	1	Flange Nut - 3/8-16 UNC
20	13-0702-08056	2	Hex Cap Screw - 1/2-13 UNC - 3.5
21	13000003155-00	1	Lift Arm Safety Chain
22	13000001060-00	1	1/4" Galv. Cable Clamp
23	13000002700-00	1	Lift Arm Hook
24	13000003154-00	1	L/A Safety Chain Hook
25	13000001387-00	1	Clevis Pin 3/8 x 2-3/8
26	13000002699-00	1	Draw Pin
27	13000003153-00	1	Lynch Pin

GEAR BOX ASSEMBLY - TOP



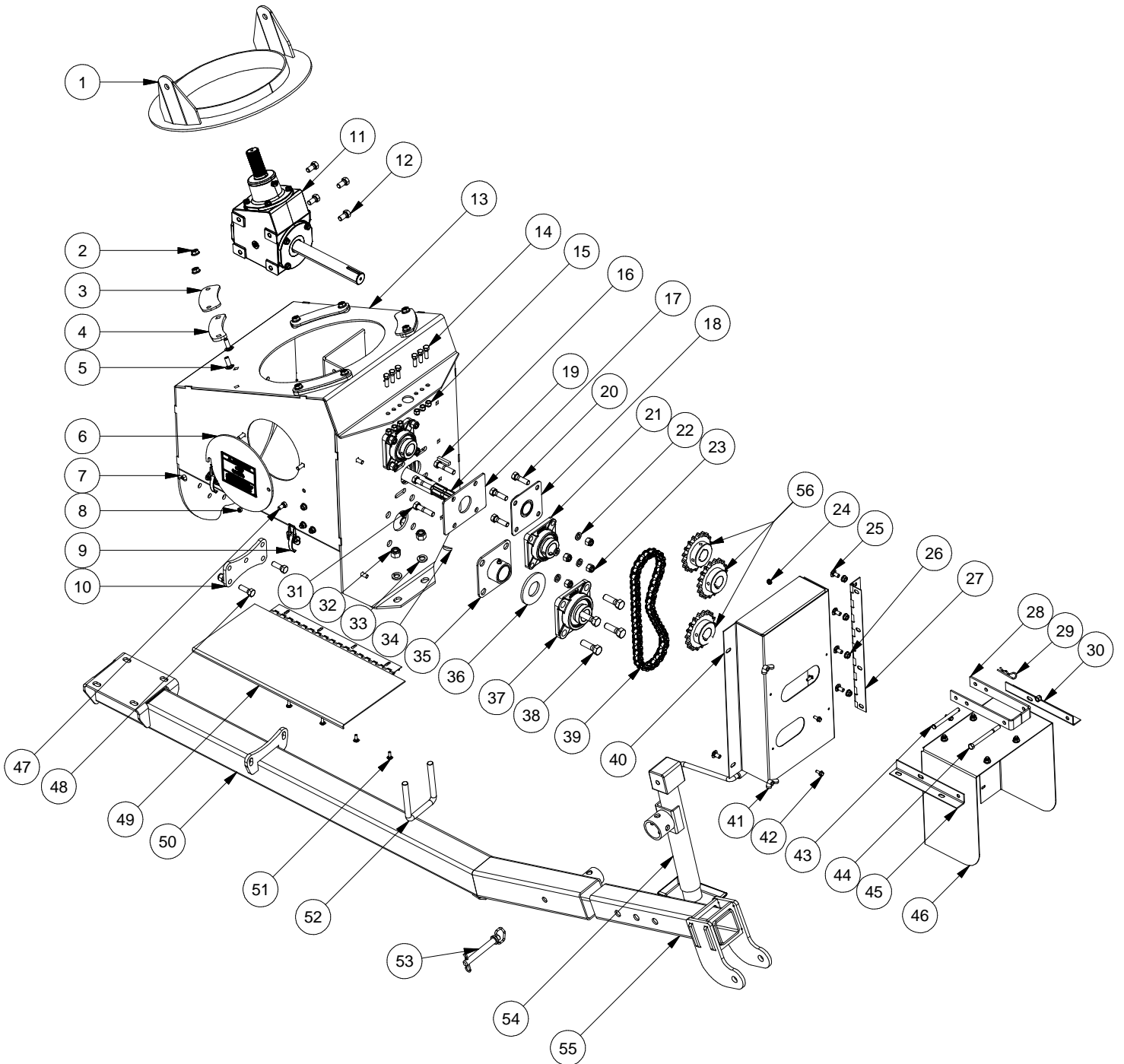
SLMD12			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000003278-00	1	Quill Shaft
2	13000003265-00	1	Quill
3	13000003283-00	1	Quill Seal
4	13000003268-00	3	Spacer
5	13000003284-00	2	Square Key
6	13000003280-00	1	Cross Shaft
7	13000003249-00	12	Capscrew
8	13000003266-00	1	Cross End Cap
9	13000003282-00	1	Quill Seal
10	13000003267-00	4	Bearing Cone
11	13000003272-00	2	Gear
12	13000003264-00	1	Housing
13	13000003277-00	2	Pipe Plug
14	13000003269-00	4	Snap Ring
15	13000003287-00	3	O-Ring
16	13000003270-00	1	End Cap
17	13000003215-00	1	Complete Top Gear Box Assembly

GEAR BOX ASSEMBLY - BOTTOM



SLMD12			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000003279-00	1	Quill Shaft
2	13000003286-00	1	Shield
3	13000003282-00	1	Quill Seal
4	13000003268-00	3	Spacer
5	13000003285-00	1	Grease Washer
6	13000003273-00	1	Grease Zerk
7	13000003271-00	1	Quill
8	13000003284-00	2	Square Key
9	13000003269-00	4	Snap Ring
10	13000003249-00	12	Capscrew
11	13000003270-00	1	End Cap
12	13000003287-00	3	O-Ring
13	13000003272-00	2	Gear
14	13000003264-00	1	Housing
15	13000003277-00	2	Pipe Plug
16	13000003281-00	1	Cross Shaft
17	13000003267-00	4	Bearing Cone
18	13000003283-00	1	Quill Seal
19	13000003266-00	1	Cross End Cap
20	13000003262-00	1	Complete Gear Box

BOOT

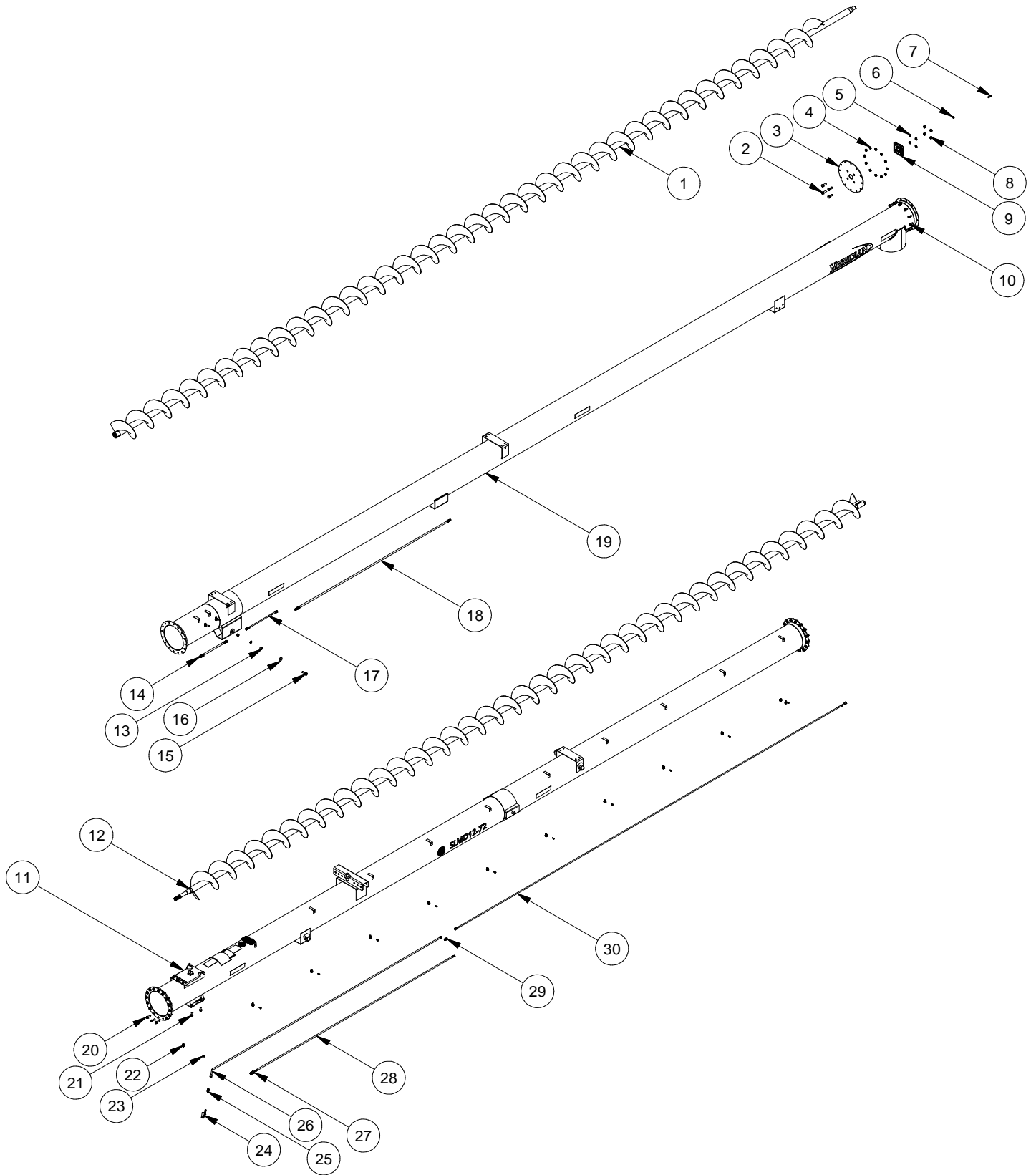


PARTS

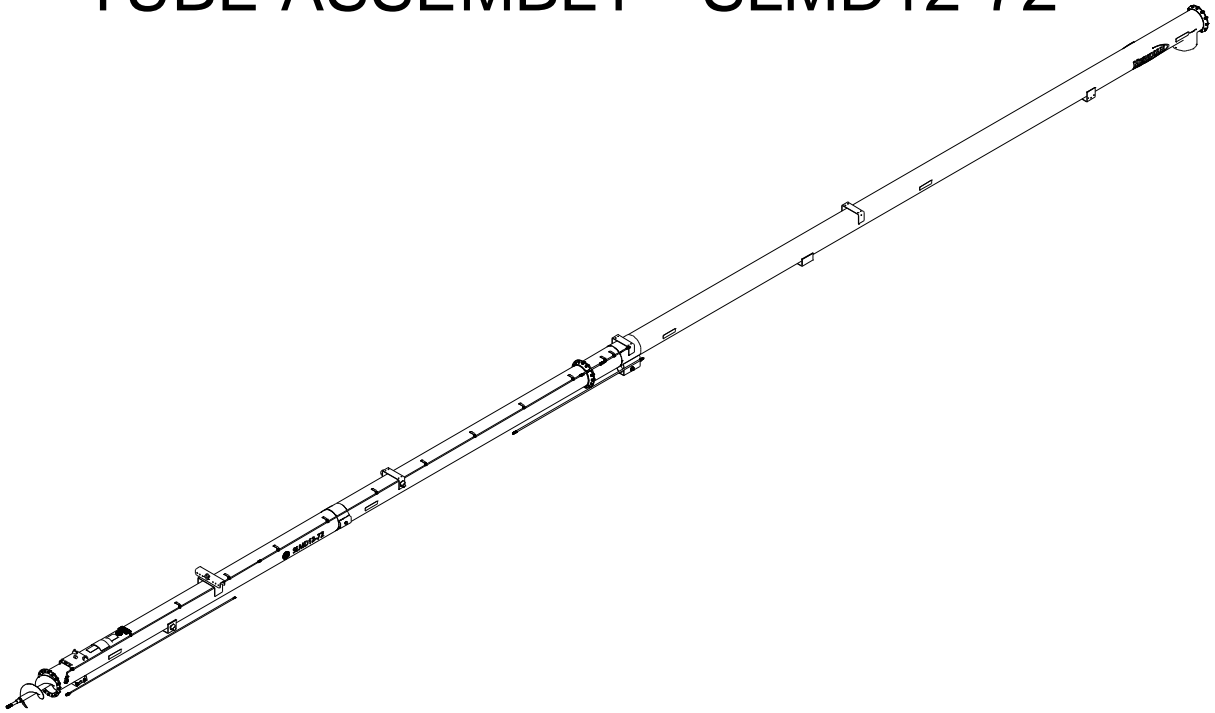
BOOT

SLMD12			
REF #	PART #	QUANTITY	DESCRIPTION
1	1300003243-00	1	Pivot Ring
2	13-0731-00007	8	Flange Lock Nut 7/16-14
3	1300003246-00	4	Plate Pivot Top
4	1300003247-00	4	Plate Pivot Spacer
5	13-0709-07020	8	Carriage Bolt 7/16 x 1-1/4 -14
6	1300003014-00	1	Inspection Door
7	13-0732-00004	1	Wing Nut Steel 1/4-20
8	13-0729-00004	1	Nylon Locknut 1/4-20
9	1300002708-00	2	Clean Out Door Latch
10	1300003164-00	1	Plate Hitch Conector
11	1300003262-00	1	Gear Box
12	13-0702-08016	4	Hex Cap Screw 1/2 x 1-13
13	1300003200-00	1	Boot
14	13-0702-06020	6	Hex Cap Screw 3/8 x 1-1/4 -16
15	13-0729-00006	7	Nylon Locknut 3/8-16
16	1300003284-00	1	Square Key
17	1300002714-00	1	Reverse Bearing Shield
18	1300003202-00	1	Bushing Gear Box
19	1300002711-00	1	Shaft Reverse
20	13-0702-08028	4	Hex Cap Screw 1/2 x 1-3/4 -13
21	1300002827-00	3	Reverse Bearing
22	13-0734-00008	10	Spring Lock Washer 1/2
23	13-0729-00008	10	Nylon Locknut 1/2-13
24	13-0731-00004	12	Flange Lock Nut 1/4-20
25	13-0709-06012	10	Carriage Bolt 3/8 x 3/4-16
26	13-0731-00006	13	Flange Lock Nut 3/8-16
27	1300003263-00	1	Drive Guard Hinge
28	1300002882-00	1	PTO Holder
29	13-0739-02040	1	1/8" x 2 1/2" Hair Pin
30	1300002884-00	1	PTO Bracket Right
31	13-0702-08036	4	Hex Cap Screw 1/2 x 2-1/4-13
32	13-0729-00010	6	Nylon Locknut 5/8-11
33	13-0734-00010	6	Spring Lock Washer 5/8
34	13-0740-00808	2	Woodruff Key, 1/4" x 1"
35	1300003203-00	1	Flight Bushing Housing w/ Bushing
36	1300002877-00	2	Washer Felt
37	1300003209-00	1	Reverse Bearing
38	13-0702-10032	4	Hex Cap Screw 5/8 x 2-11
39	1300003211-00	1	Drive Chain c/w Connector Link
40	1300003206-00	1	Guard Drive
41	13-0732-00006	2	Wing Nut Steel 3/8-16
42	13-0712-04010	4	Flange Lock Bolt 1/4 x 5/8-20
43	1300002620-00	1	P.T.O. Bracket Pin & Clip
44	13-0702-06072	1	Hex Cap Screw 3/8 x 4-1/2-16
45	1300002883-00	1	PTO Bracket Left
46	1300003370-00	1	PTO Guard
47	13-0702-06012	5	Hex Cap Screw 3/8 x 3/4-16
48	13-0702-08024	2	Hex Cap Screw 1/2 x 1-1/2-13
49	1300003201-00	1	Door Clean Out
50	1300003205-00	1	Frame Hitch
51	13-0709-04012	8	Carriage Bolt 1/4 x 3/4-20
52	1300003020-00	1	U-Bolt
53	1300002699-00	1	Draw Pin
54	1300002725-00	1	Fulton Jack
55	1300005306-00	1	Hitch Insert
56	1300002715-00	3	Sprocket - 60B18 1 3/8" Hardened c/w 2 5/16" ss & 1/4" & 5/16"kw

TUBE ASSEMBLY - SLMD12-72

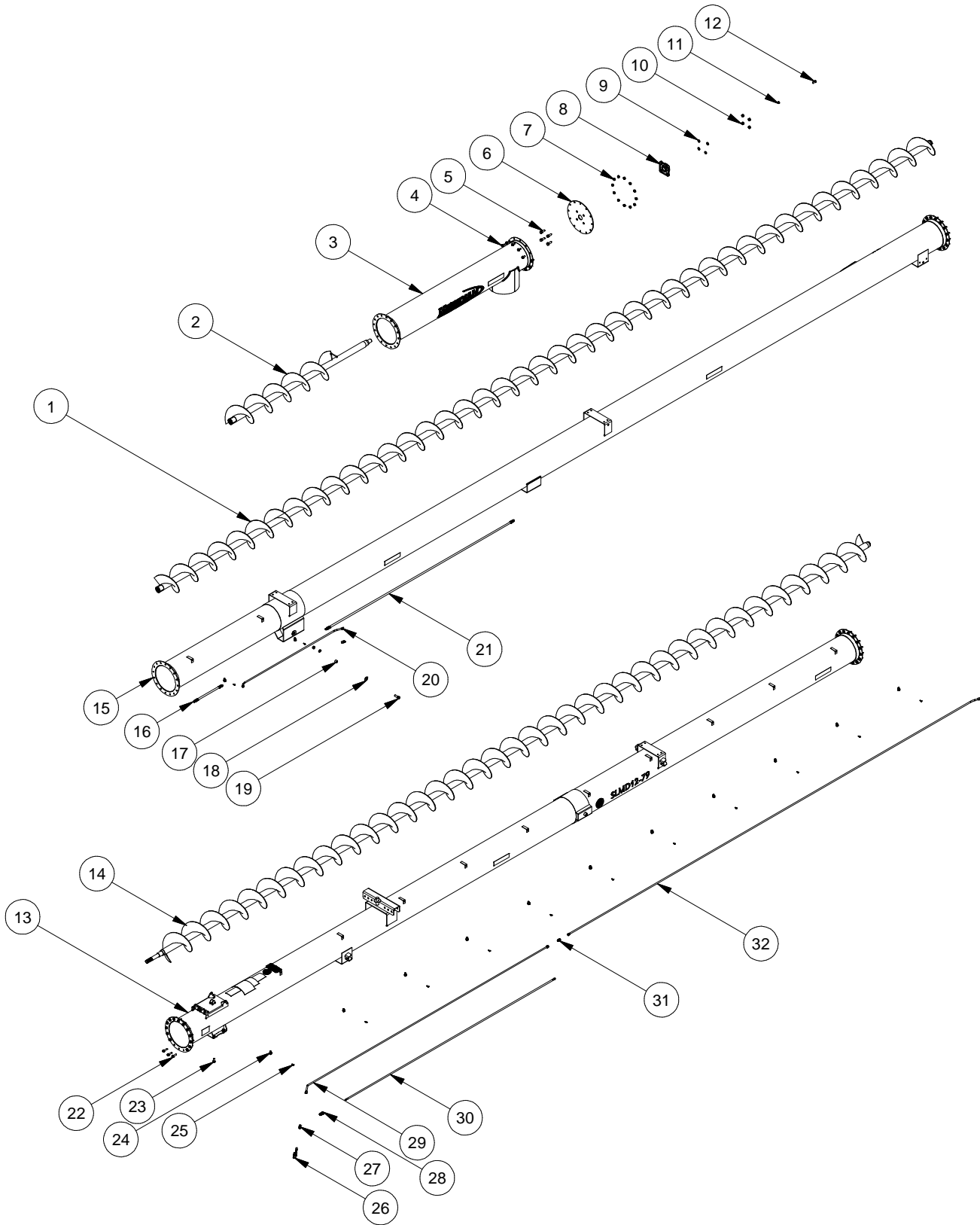


TUBE ASSEMBLY - SLMD12-72



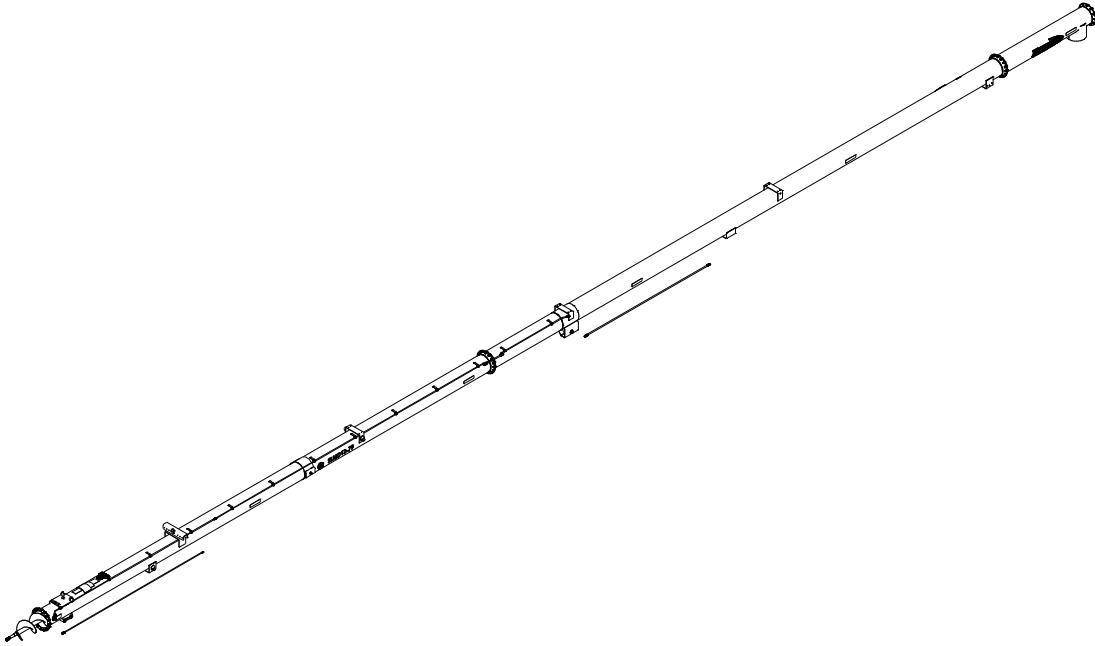
SLMD12-72			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000003196-00	1	Flight Top
2	13-0702-10028	4	Hex Cap Screw 5/8-11 UNC - 1.75
3	13000003199-00	1	Plate - Head End - SLMD12
4	13-0731-00008	48	Flange Nut 1/2-13 UNC
5	13-0733-00010	6	5/8" Spring Lock Washer
6	13-0733-00008	1	3/8" Spring Lock Washer
7	13-0702-08020	1	Hex Cap Screw 1/2-13 UNC - 1.25
8	13-0725-00010	6	Hex Nut 5/8" -11 UNC
9	13000003209-00	1	Reverse Bearing
10	13-0712-08016	12	Flange Bolt 1/2-13 UNC x 1
11	13000003172-00	1	Tube Bottom
12	13000003175-00	1	Flight Bottom
13	13000003070-00	2	Cable Bracket Bushing
14	13000003371-00	1	Flange Hyd. Hose
15	13-0702-10032	2	Hex Cap Screw 5/8-11 UNC - 2
16	13-0735-00010	2	5/8" Flat Washer
17	13000003300-00	1	Plated Hydraulic Line
18	13000003372-00	1	Lift Cylinder Hose
19	13000003193-00	1	Tube Top
20	13-0712-08028	3	Flange Bolt 1/2-13 UNC x 1.75
21	13-0712-08020	33	Flange Bolt 1/2-13 UNC x 1.25
22	13000003095-00	13	Hyd. Line Clip c/w Rubber Insert
23	13-0706-04010	13	Self Tapping Screw 1/4" x 0.625"
24	13000001725-00	1	Ball Valve 3/8 NPT
25	13000003093-00	2	Connector Hose Hydraulic
26	13000003187-00	1	Short Line w/Fittings
27	13000003113-00	1	Male Pioneer Tip
28	13000003088-00	1	Hose Hyd. 3/8" c/w 3/8 NPT & 1/2 NPT
29	13000003096-00	1	Line Splice Connector
30	13000003188-00	1	Long Line w/Fittings

TUBE ASSEMBLY - SLMD12-79



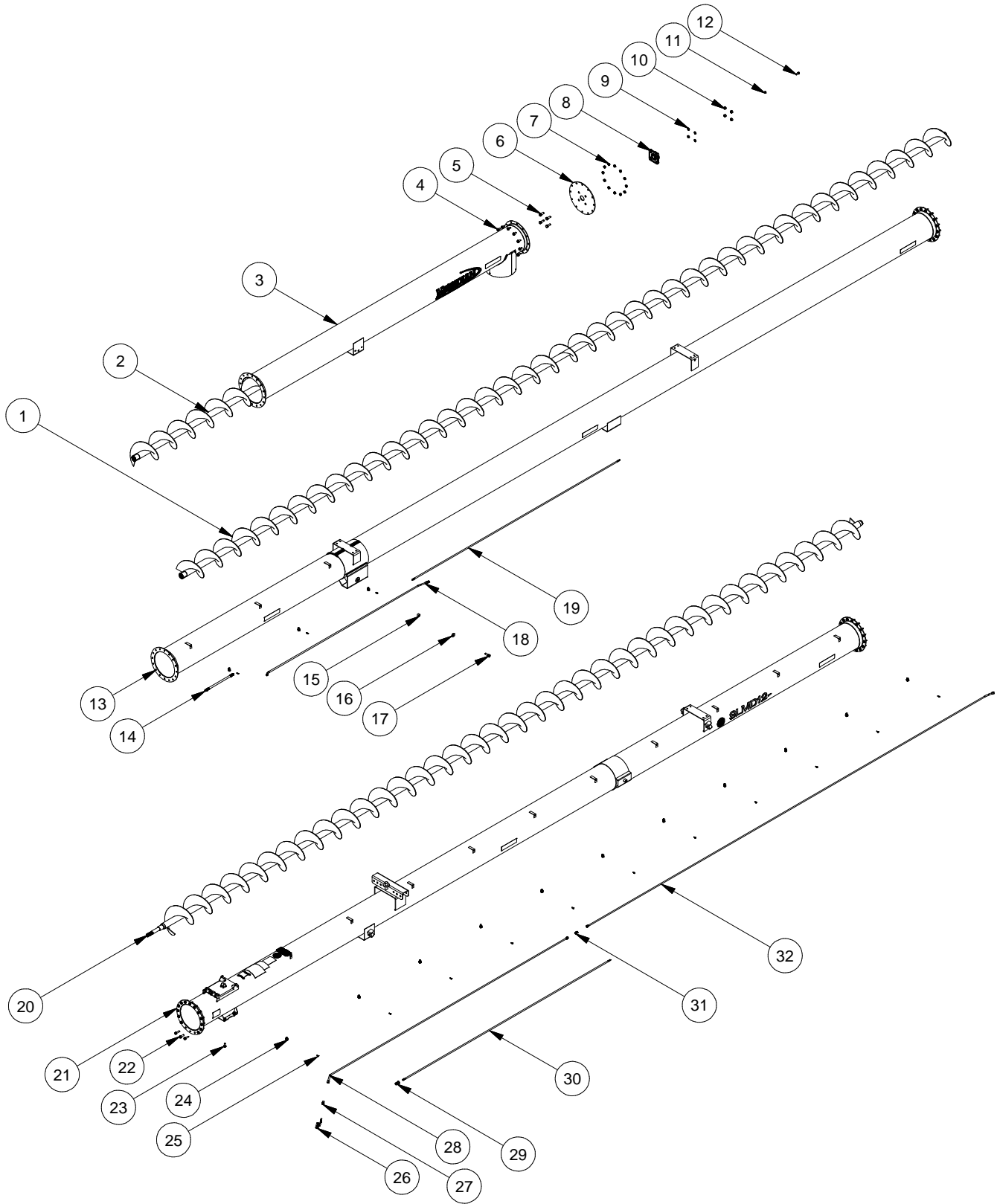
PARTS

TUBE ASSEMBLY - SLMD12-79



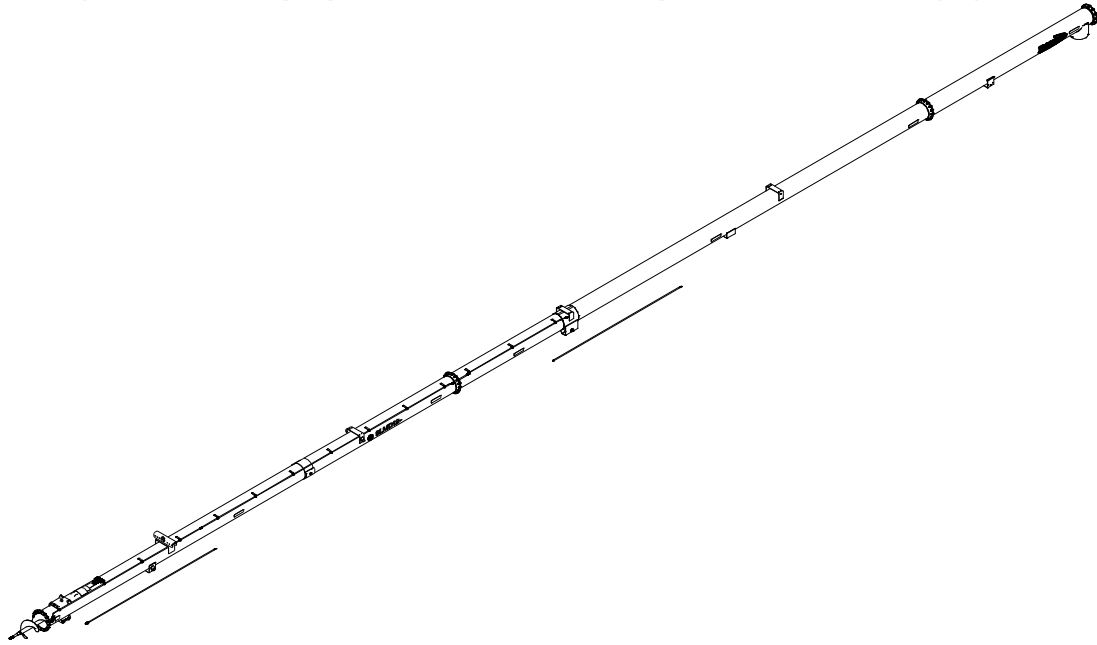
SLMD12-79			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000003170-00	1	Flight Middle
2	13000003197-00	1	Flight Top
3	13000003194-00	1	Tube Top
4	13-0712-08016	12	Flange Bolt 1/2-13 UNC x 1
5	13-0702-10028	4	Hex Cap Screw 5/8-11 UNC - 1.75
6	13000003199-00	1	Plate - Head End - SLMD12
7	13-0731-00008	64	Flange Nut 1/2-13 UNC
8	13000003209-00	1	Reverse Bearing
9	13-0733-00010	6	Spring Lock Washer 5/8"
10	13-0725-00010	6	Hex Nut 5/8"-11 UNC
11	13-0733-00008	1	Spring Lock Washer 1/2"
12	13-0702-08020	1	Hex Cap Screw 1/2-13 UNC - 1.25
13	13000003173-00	1	Tube Bottom
14	13000003175-00	1	Flight Bottom
15	13000003297-00	1	Tube Middle
16	13000003371-00	1	Flange Hyd. Hose
17	13000003070-00	2	Cable Bracket Bushing
18	13-0735-000010	2	Flat Washer 5/8"
19	13-0702-10032	2	Hex Cap Screw 5/8-11 UNC - 2
20	13000003301-00	1	Plated Hydraulic Line
21	13000003373-00	1	Lift Cylinder Hose
22	13-0712-08028	3	Flange Bolt 1/2-13 UNC x 1.75
23	13-0712-08020	49	Flange Bolt 1/2-13 UNC x 1.25
24	13000003095-00	13	Hyd. Line Clip c/w Rubber Insert
25	13-0706-04010	13	Self Tapping Screw 1/4" x 0.625"
26	13000001725-00	1	Ball Valve 3/8 NPT
27	13000003093-00	2	Connector Hose Hydraulic
28	13000003113-00	1	Male Pioneer Tip
29	13000003187-00	1	Short Line w/Fittings
30	13000003088-00	1	Hose Hyd. 3/8" c/w 3/8 NPT & 1/2 NPT
31	13000003096-00	1	Line Splice Connector
32	13000003188-00	1	Long Line w/Fittings

TUBE ASSEMBLY - SLMD12-85



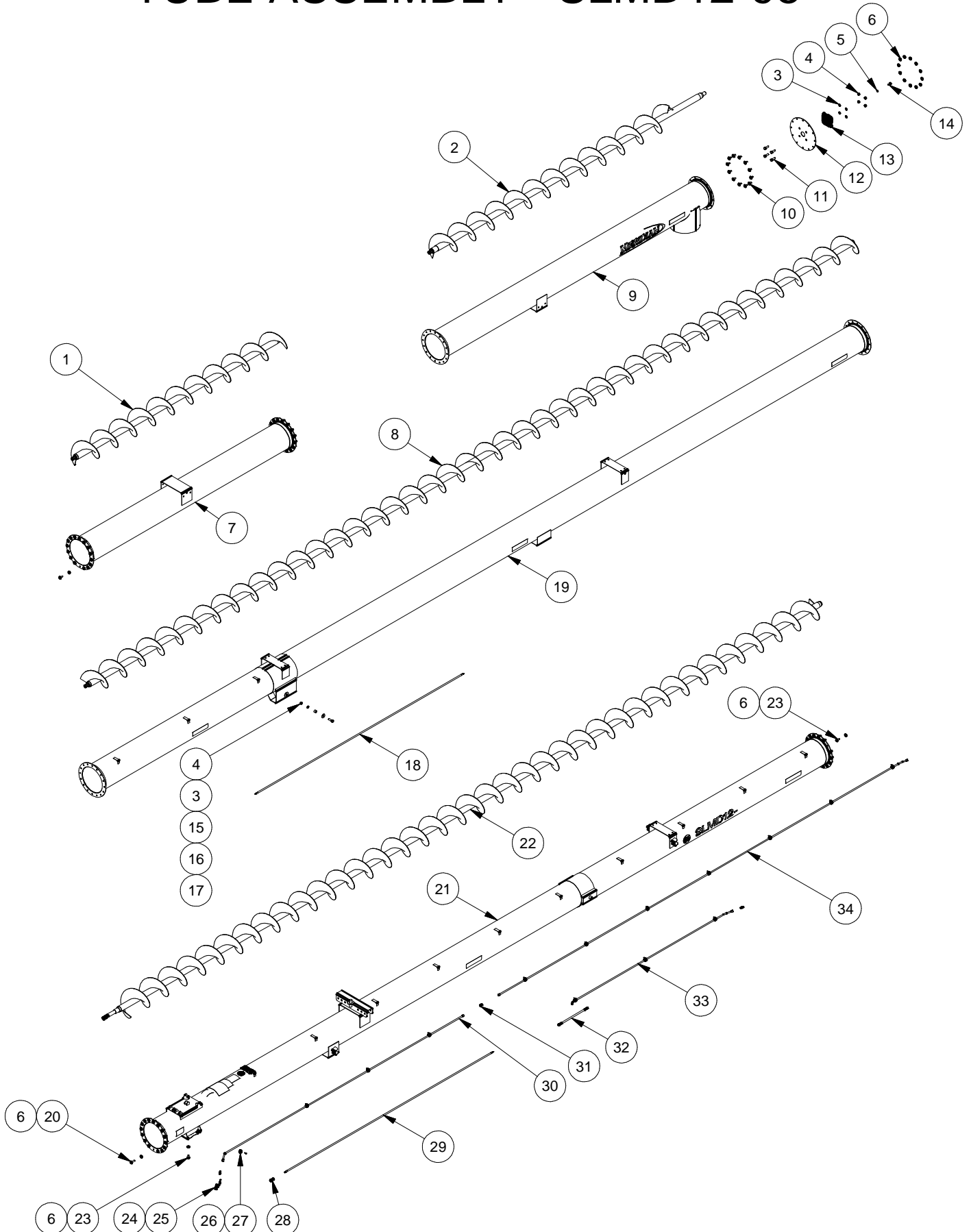
PARTS

TUBE ASSEMBLY - SLMD12-85



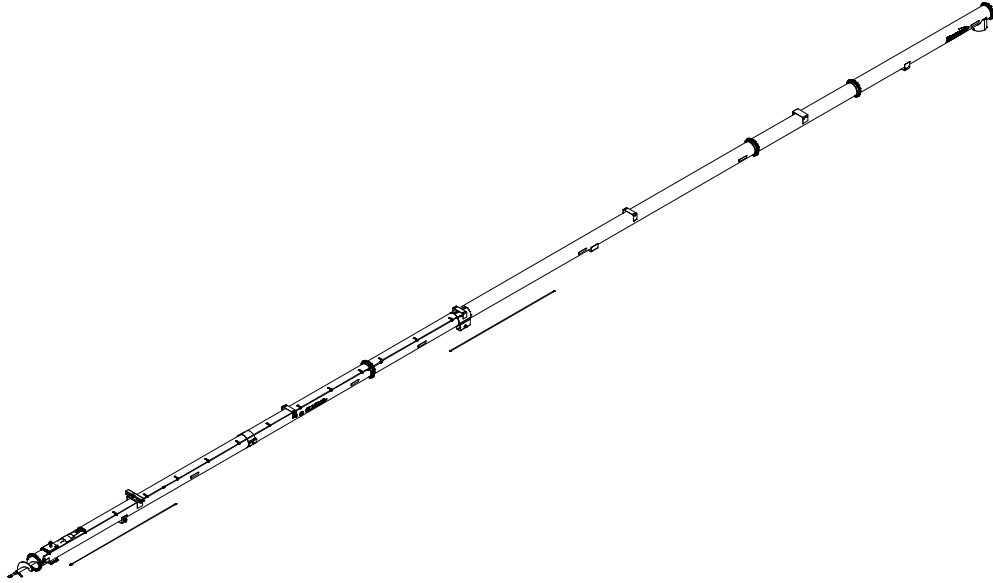
SLMD12-85			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000003170-00	1	Flight Middle
2	13000003198-00	1	Flight Top
3	13000003195-00	1	Tube Top
4	13-0712-08016	12	Flange Bolt 1/2-13 UNC x 1
5	13-0702-10028	4	Hex Cap Screw 5/8-11 UNC - 1.75
6	13000003199-00	1	Plate - Head End - SLMD12
7	13-0731-00008	64	Flange Nut 1/2-13 UNC
8	13000003209-00	1	Reverse Bearing
9	13-0733-00010	6	Spring Lock Washer 5/8"
10	13-0725-00010	6	Hex Nut 5/8" - 11 UNC
11	13-0733-00008	1	Spring Lock Washer 1/2"
12	13-0702-08020	1	Hex Cap Screw 1/2-13 UNC - 1.25
13	13000003298-00	1	Tube
14	13000003371-00	1	Flange Hyd. Hose
15	13000003070-00	2	Cable Bracket Bushing
16	13-0735-00010	2	Flat Washer 5/8"
17	13-0702-10032	2	Hex Cap Screw 5/8-11 UNC - 2
18	13000003302-00	1	Plated Hydraulic Line
19	13000003374-00	1	Hose Hyd. 3/8" c/w 1/2" JIC & 3/8" NPT
20	13000003175-00	1	Flight Bottom
21	13000003174-00	1	Tube Bottom
22	13-0712-08028	3	Flange Bolt 1/2-13 UNC x 1.75
23	13-0712-08020	49	Flange Bolt 1/2-13 UNC x 1.25
24	13000003095-00	14	Hyd. Line Clip c/w Rubber Insert
25	13-0706-04010	14	Self Tapping Screw - 1/4" x 0.625"
26	13000001725-00	1	Ball Valve 3/8 NPT
27	13000003093-00	2	Connector Hose Hydraulic
28	13000003187-00	1	Short Line w/Fittings
29	13000003113-00	1	Male Pioneer Tip
30	13000003088-00	1	Hose Hyd. 3/8" c/w 3/8 NPT & 1/2 NPT
31	13000003096-00	1	Line Splice Connector
32	13000003188-00	1	Long Line w/Fittings

TUBE ASSEMBLY - SLMD12-95



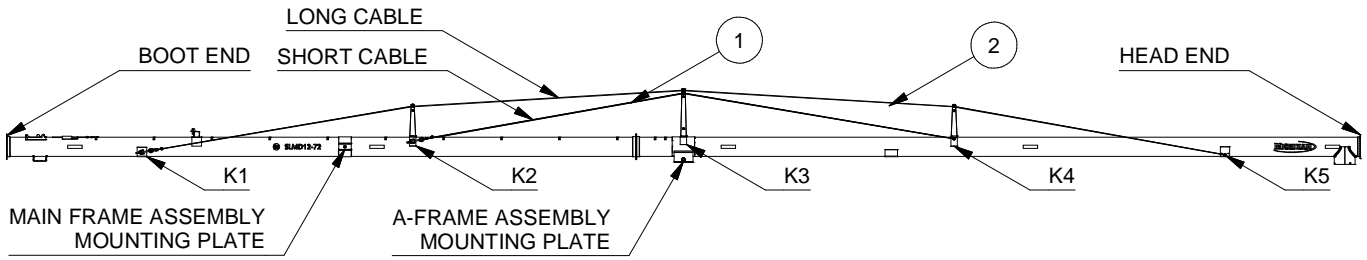
PARTS

TUBE ASSEMBLY - SLMD12-95



SLMD12-95			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000005287-00	1	Flight Extension
2	13000003198-00	1	Flight Top
3	13-0733-00010	6	Heavy Helical Spring Lock Washers(Inch Series)
4	13-0725-00010	6	Hex Nuts (Inch Series) Hex Nut
5	13-0733-00008	1	Heavy Helical Spring Lock Washers(Inch Series)
6	130-731-00008	80	Flange Nut 1/2-13 UNC
7	13000005286-00	1	Tube Extension
8	13000003170-00	1	Flight Middle
9	13000003195-00	1	Tube Top
10	13-0712-08016	12	Flange Bolt 1/2-13 UNC x 1
11	13-0702-10028	4	Hex Cap Screw 5/8-11 UNC - 1.75
12	13000003199-00	1	Plate - Head End - SLMD12
13	13000003209-00	1	Reverse Bearing
14	13-0702-08020	1	Hex Cap Screw 1/2-13 UNC - 1.25
15	13000003070-00	2	Cable Bracket Bushing
16	13-0735-000010	2	Plain Washer (Inch)Type A and B
17	13-0702-10032	2	Hex Cap Screw 5/8-11 UNC - 2
18	13000003374-00	1	Hose Hyd. 3/8" c/w 1/2" JIC & 3/8" NPT
19	13000003298-00	1	Tube
20	13-0712-08028	3	Flange Bolt 1/2-13 UNC x 1.75
21	13000003174-00	1	Tube Bottom
22	13000003175-00	1	Flight Bottom
23	13-0712-08020	65	Flange Bolt 1/2-13 UNC x 1.25
24	13000003093-00	2	Connector Hose Hydraulic
25	13000001725-00	1	Ball Valve 3/8 NPT
26	13-0706-04010	14	Plain Regular Hex Head Tapping Screw - Type C - Inch
27	13000003095-00	14	Hyd. Line Clip c/w Rubber Insert
28	13000003113-00	1	Male Pioneer Tip
29	13000003088-00	1	Hose Hyd. 3/8" c/w 3/8 NPT & 1/2 NPT
30	13000003187-00	1	Short Line w/Fittings
31	13000003096-00	1	Line Splice Connector
32	13000003371-00	1	Flange Hyd. Hose
33	13000003302-00	1	Plated Hydraulic Line
34	13000003188-00	1	Long Line w/Fittings

TRUSS ASSEMBLY - SLMD12 -72/79/85



SLMD12-72/79/85 TRUSS ASSEMBLIES KEY PLAN

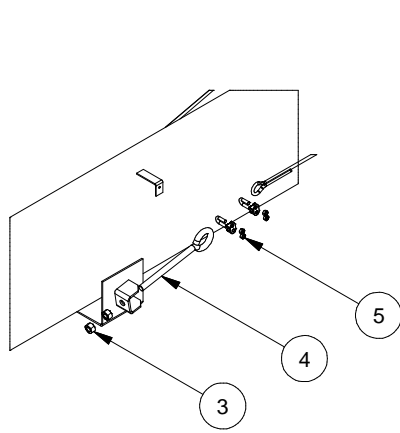


FIGURE K1

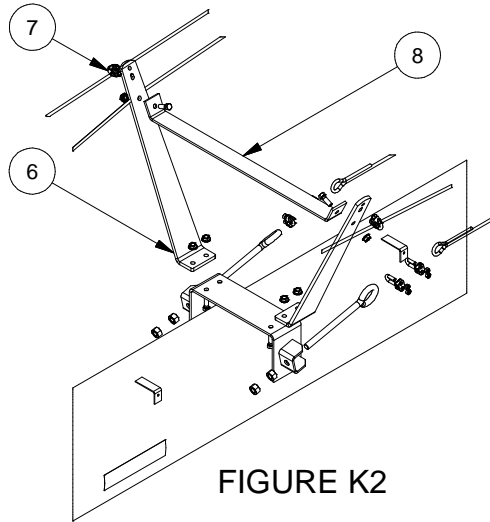


FIGURE K2

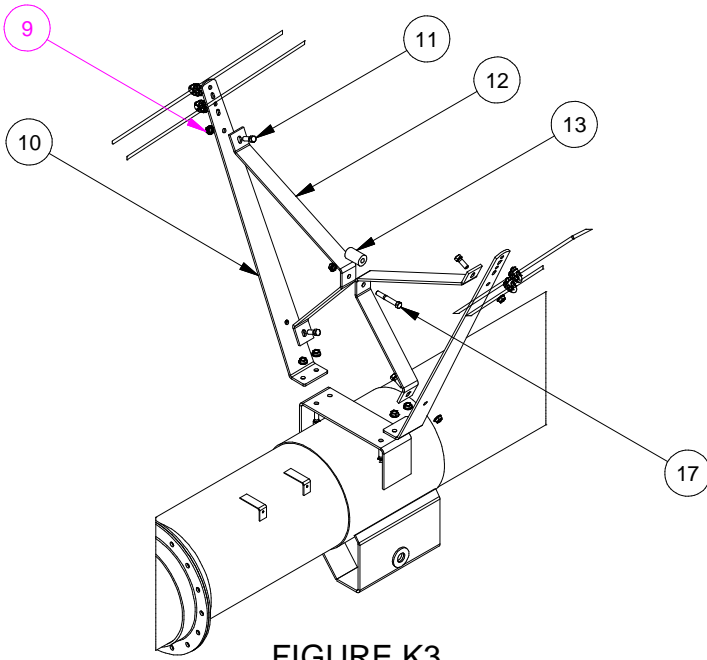


FIGURE K3

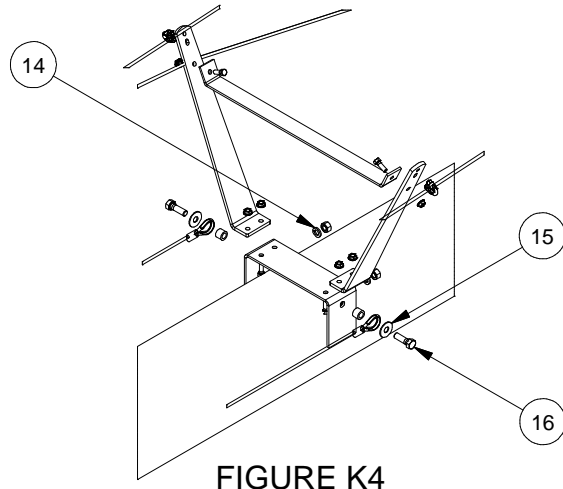


FIGURE K4

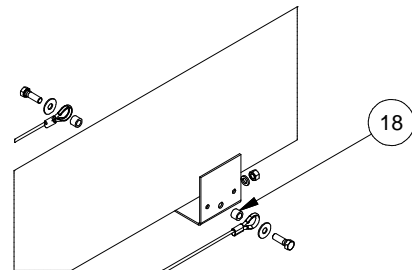
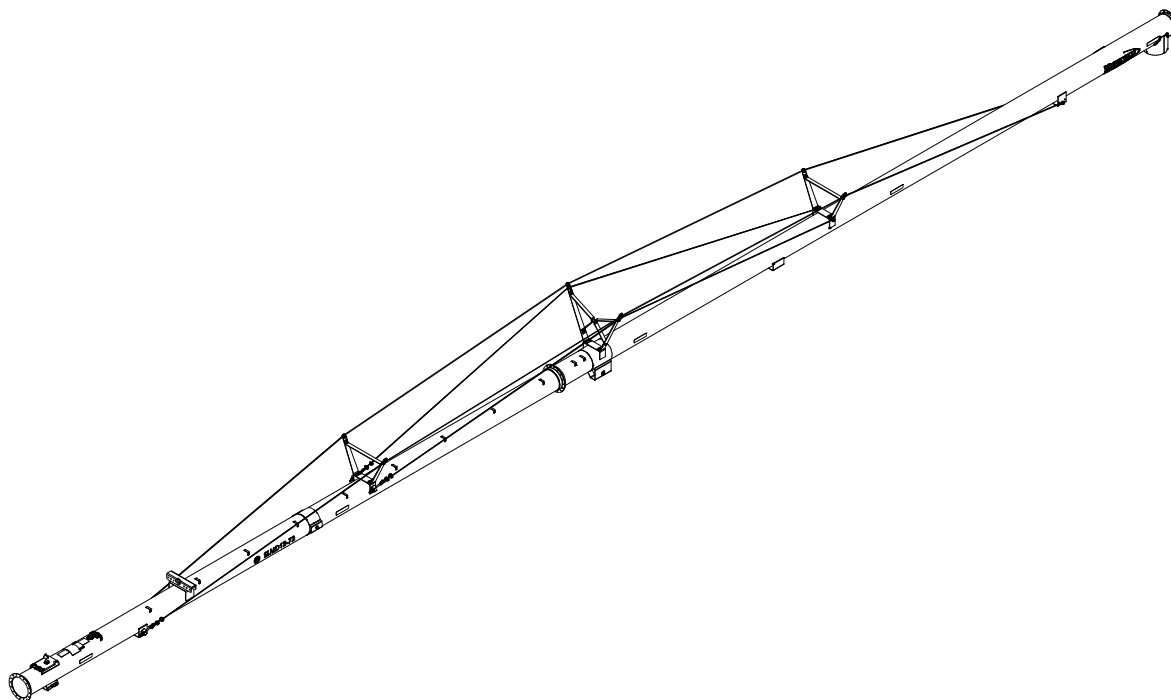


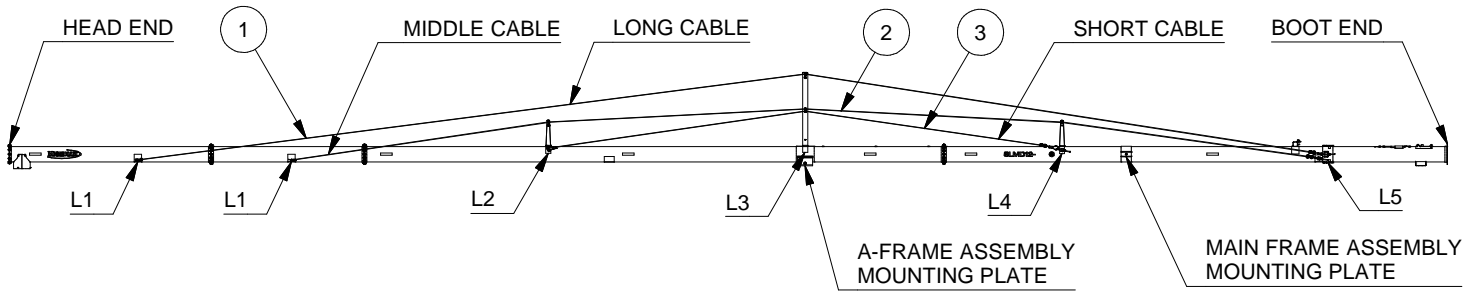
FIGURE K5

TRUSS ASSEMBLY - SLMD12 -72/79/85



SLMD12-72/79/85			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000003184-00	2	Short Truss Cable - SLMD12-85
1	13000003183-00	2	Short Truss Cable - SLMD12-79
1	13000003314-00	2	Short Truss Cable - SLMD12-72
2	13000003186-00	2	Long Truss Cable - SLMD12-85
2	13000003185-00	2	Long Truss Cable - SLMD12-79
2	13000003313-00	2	Long Truss Cable - SLMD12-72
3	13-0725-00010	12	Hex Nut - 5/8-11 UNC
4	13000003087-00	4	Eye Bolt
5	13000002433-00	8	Cable Clamp - 5/16"
6	13000003068-00	4	Bracket Truss Small
7	130000030601-00	8	Cable Clamp - 3/8"
8	13000003180-00	2	Brace Truss Small
9	13-0731-00007	21	Flange Nut - 7/16-14 UNC
10	13000003079-00	2	Main Truss
11	13-0702-07020	20	Hex Cap Screw - 7/16-14 UNC - 1.25
12	13000003078-00	2	Main Truss Brace
13	13000003179-00	1	Spacer Truss Brace Large
14	13-0734-00010	4	Spring Lock Washer - 5/8"
15	13-0735-00010	4	Plain Washer - 5/8"
16	13-0702-10032	4	Hex Cap Screw - 5/8-11 UNC - 2
17	13-0702-07048	1	Hex Cap Screw - 7/16-14 UNC - 3
18	13000003070-00	4	Cable Bracket Bushing

TRUSS ASSEMBLY - SLMD12-95



SLMD12-95 TRUSS ASSEMBLIES KEY PLAN

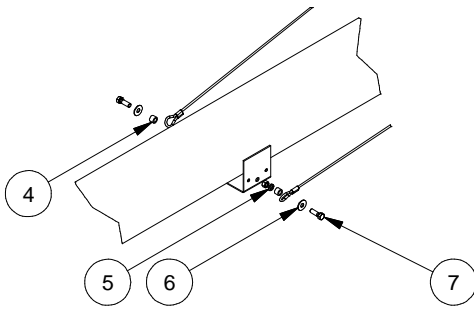


FIGURE L1

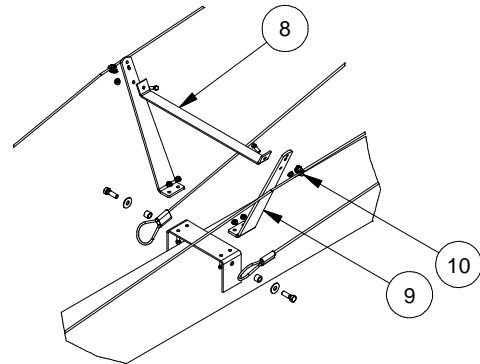


FIGURE L2

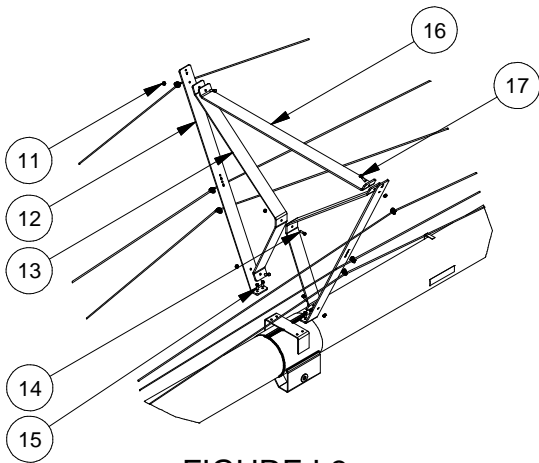


FIGURE L3

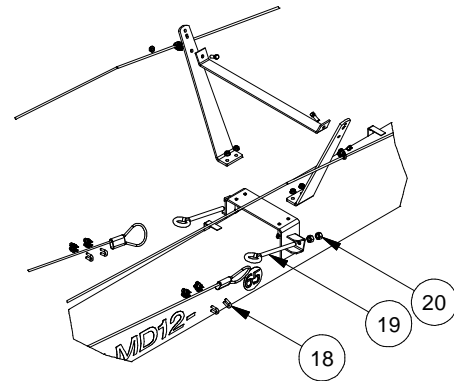


FIGURE L4

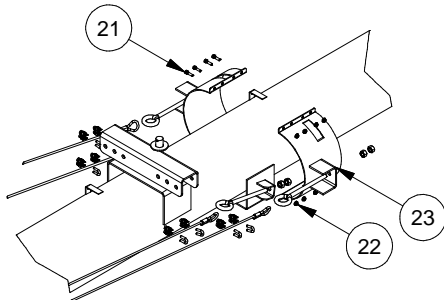
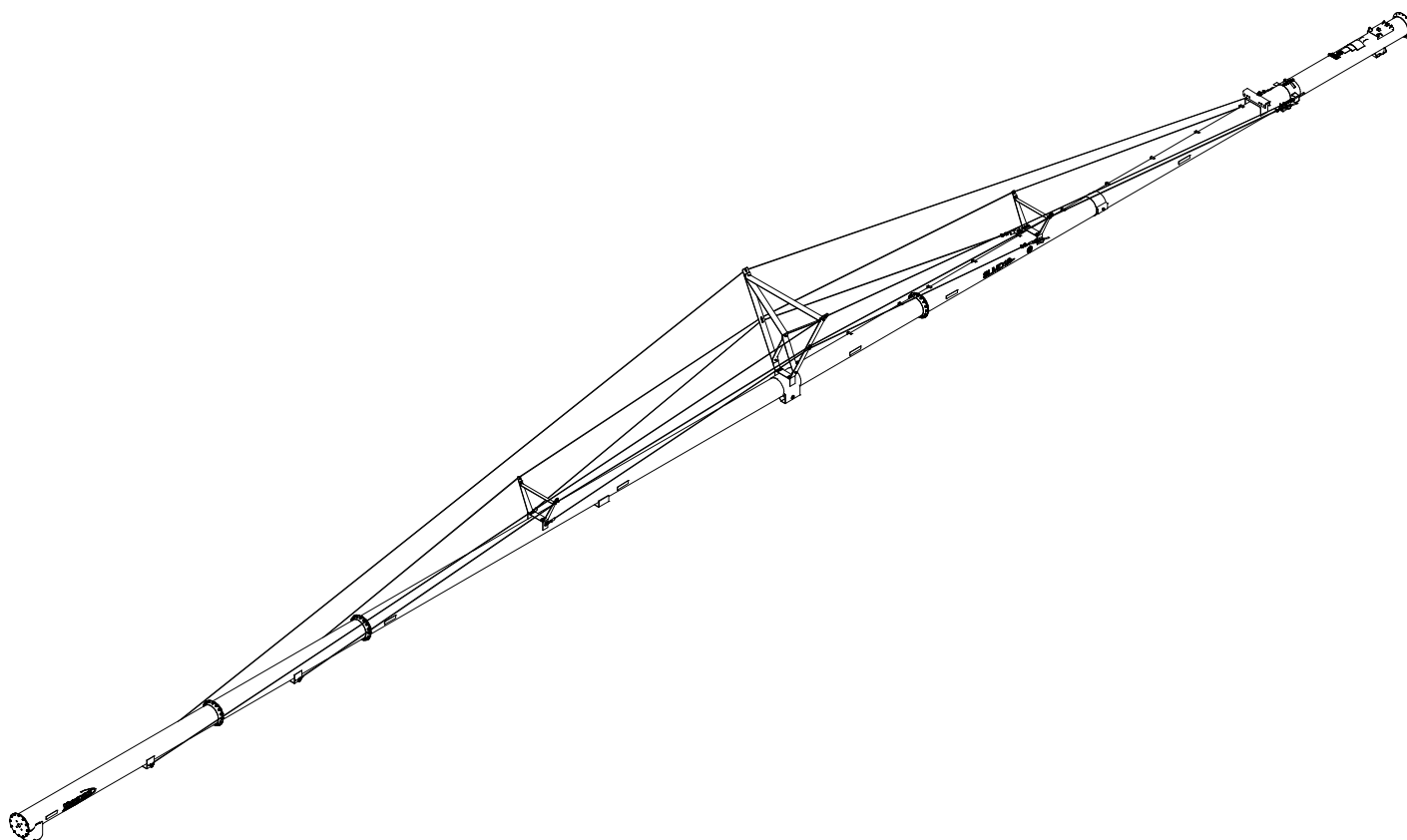


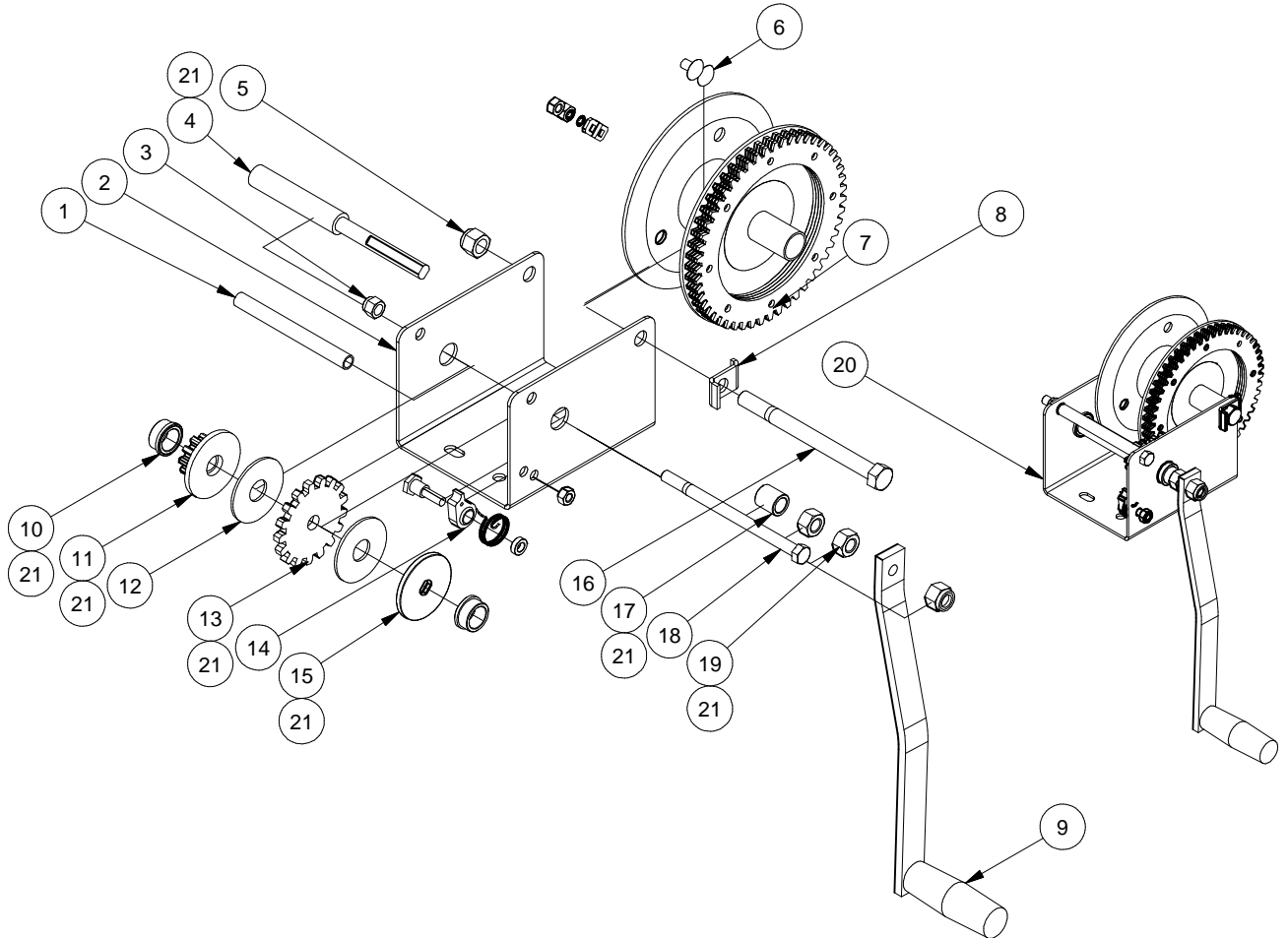
FIGURE L5

TRUSS ASSEMBLY - SLMD12-95



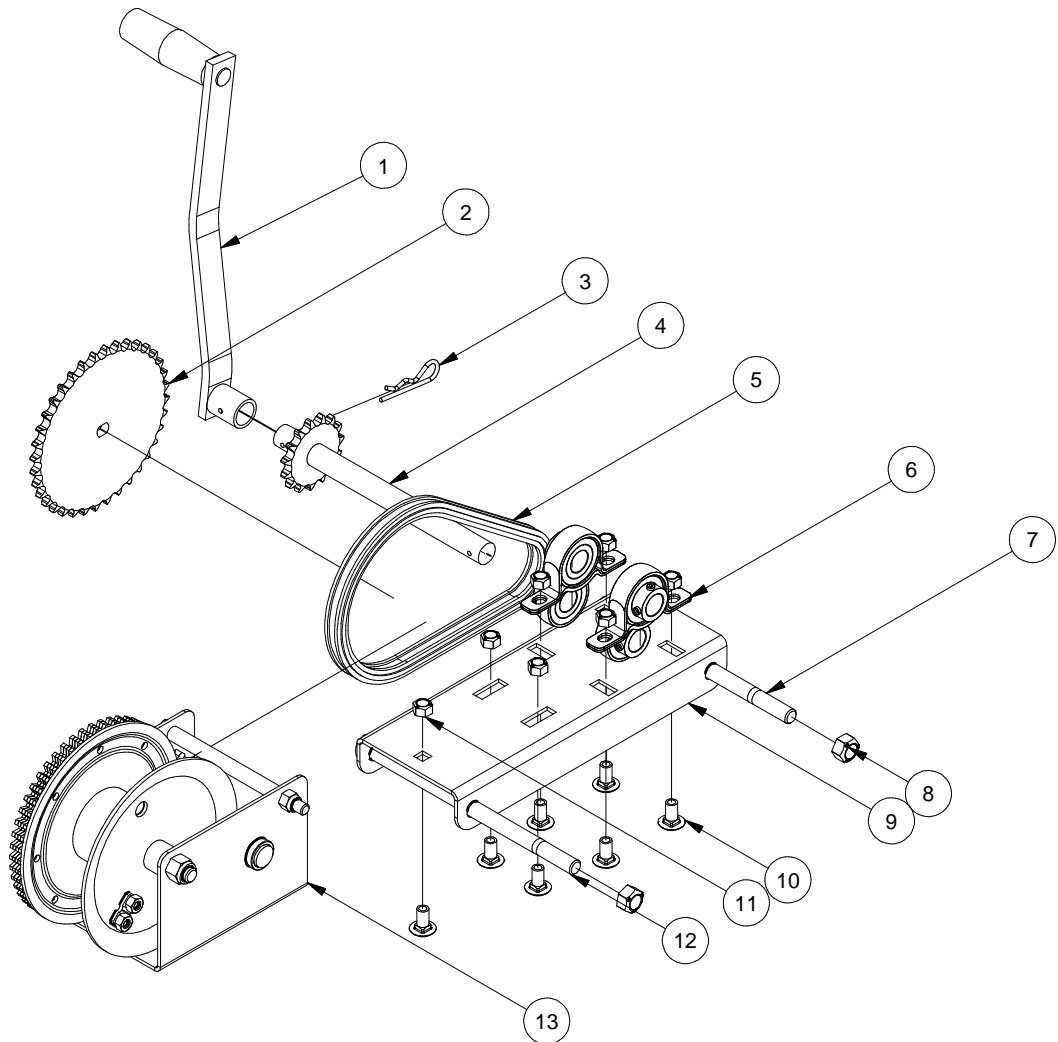
SLMD12-95			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000005296-00	2	Truss Cable c/w Thimble & Sleeve
2	13000003186-00	2	Truss Cable Long w/ Thimble & Sleeve
3	13000003184-00	2	Cable Assembly - 5/16" x 35'-8"
4	13000003070-00	6	Cable Bracket Bushing
5	13-0734-00010	6	Spring Lock Washers 5/8"
6	13-0735-00010	6	Plain Washer 5/8"
7	13-0702-10032	6	Hex Cap Screw 5/8-11 UNC - 2
8	13000003180-00	2	Brace Truss Small
9	13000003068-00	4	Bracket Truss Small
10	13000030601-00	10	Cable Clamp - 3/8"
11	13073100007	21	Flange Nut 7/16
12	13000005289-00	2	Truss Riser
13	13000005290-00	2	Truss Brace
14	13-0702-07024	3	Hex Cap Screw 7/16-14 UNC - 1.5
15	13-0702-07020	16	Hex Cap Screw 7/16-14 UNC - 1.25
16	13000005291-00	1	Truss Brace Top
17	13-0702-07028	2	Hex Cap Screw 7/16-14 UNC - 1.75
18	13000002433-00	12	Cable Clamp - 5/16"
19	13000003087-00	6	Eye Bolt
20	13-0725-00010	18	Hex Nut 5/8"
21	13-0702-05020	8	Hex Cap Screw 5/16-18 UNC - 1.25
22	13073100005	8	Flange Nut 5/16-18 UNC
23	13000005288-00	2	Cable Band

FULTON K1550 BRAKE WINCH



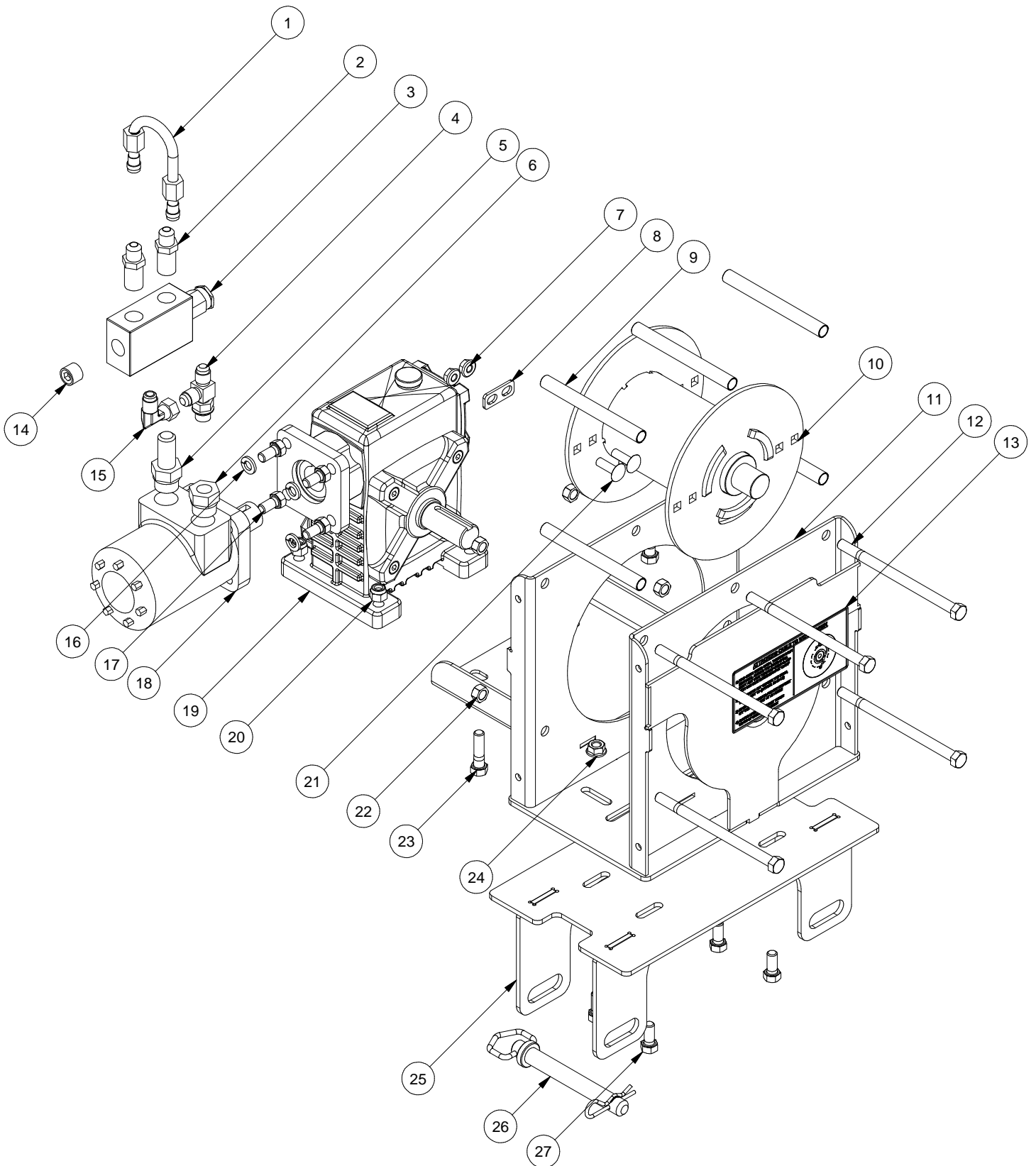
SLMD12			
REF #	PART #	QUANTITY	DESCRIPTION
1	N/A	1	Frame Spacer (Not Available to Order)
2	N/A	1	Frame (Not Available to Order)
3	13-0729-00006	1	Nylon Locknut 3/8 - 16
4	13000001936-00	1	Input Shaft
5	13-0729-00008	2	Nylon Locknut 1/2 - 13
6	13000001672-00	1	Cable Clamp
7	13000001935-00	1	Drum Assembly
8	N/A	1	Keeper (Not Available to Order)
9	13000001711-00	1	Handle
10	13000001937-00	2	Bushing
11	13000001947-00	1	Pinion & Disc
12	13000001677-00	2	Brake Pads
13	13000001932-00	1	Ratchet Gear
14	13000001712-00	1	Pawl and Spring Kit
15	13000001933-00	1	Shaft Brake Disc
16	13-0702-08096	1	Hex Cap Screw - 1/2 x 6 - 13
17	13000001934-00	1	Spacer
18	13-0702-06096	1	Hex Cap Screw - 3/8 x 6 - 16
19	13-0724-00008	2	Hex Nut 1/2 - 13
20	13000001671-00	1	Fulton 1550 Winch Complete
21	13000002541-00	-	K1550 Winch Repair Kit - Includes Items 4,10,11,13,15,17,19

BOLT ON WINCH PLATE

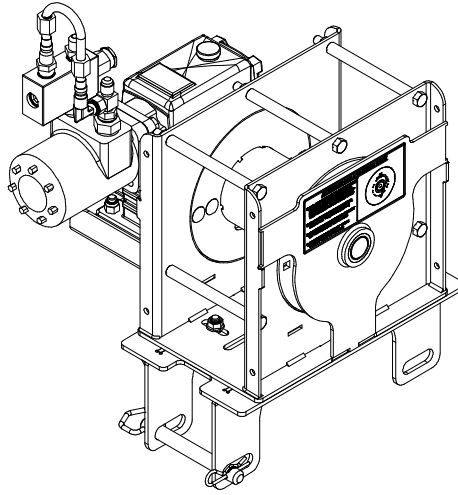


SLMD12			
REF #	PART #	QUANTITY	DESCRIPTION
1	1300002717-00	1	Handle Assembly
2	13000003103-00	1	36 Tooth Sprocket - 15 Tooth 80
3	13-0739-02040	1	1/8" x 2 1/2" Hair Pin
4	13000003126-00	1	Drive Winch
5	13000001175-00	1	Winch Drive Chain
6	13000002713-00	2	3/4" Bearing c/w Housing
7	13-0702-08128	1	1/2-13 UNC - 8
8	13-0730-00008	2	Stover Locknut 1/2-13 UNC
9	13000003125-00	1	Plate Winch Bolt On
10	13-0709-06012	7	3/8-16 UNC - 0.75
11	13-0730-00006	7	3/8-16 stover
12	13-0702-08144	1	1/2-13 UNC - 9
13	13000001671-00	1	K-1550 Fulton Winch

OPTIONAL - WINCH HYDRAULIC

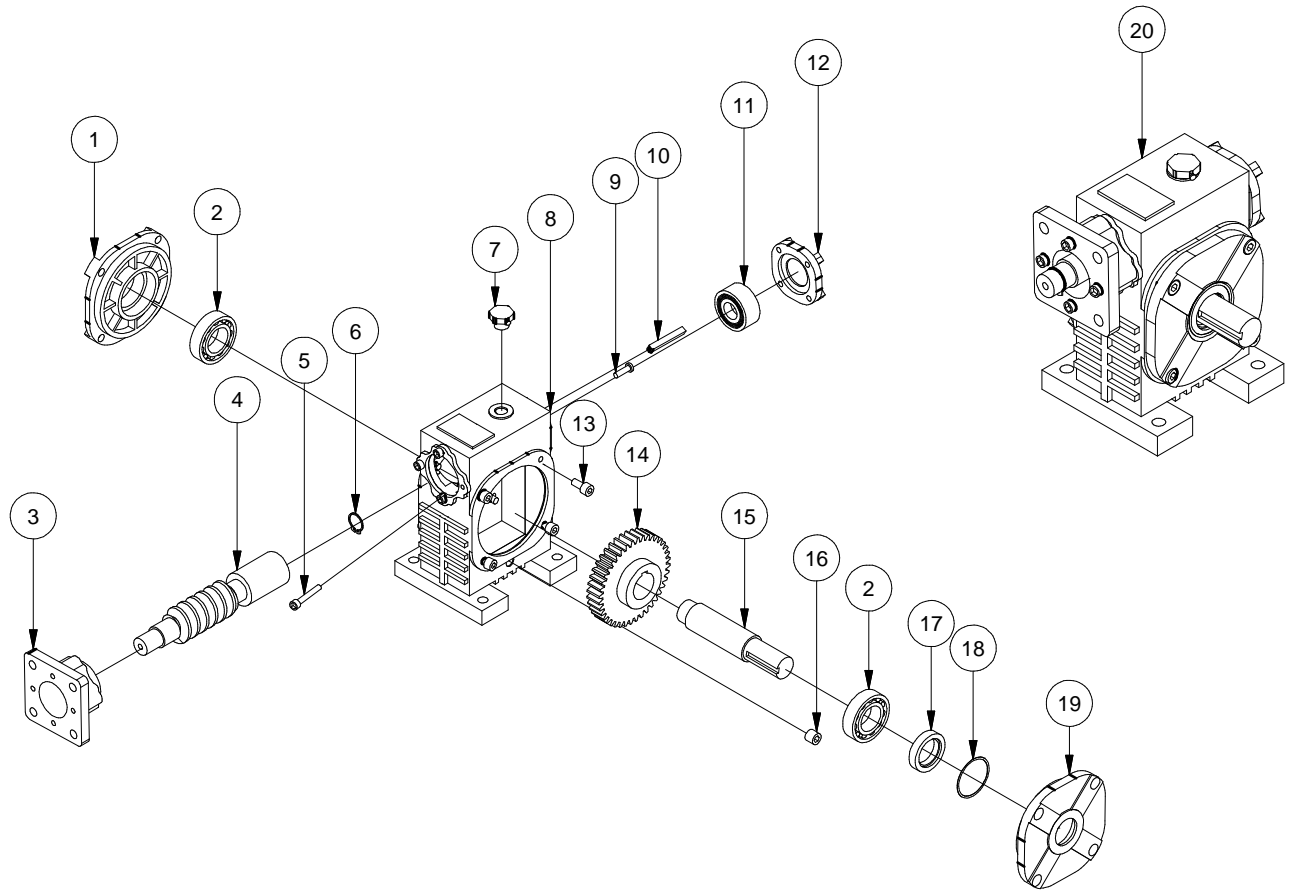


OPTIONAL - WINCH HYDRAULIC



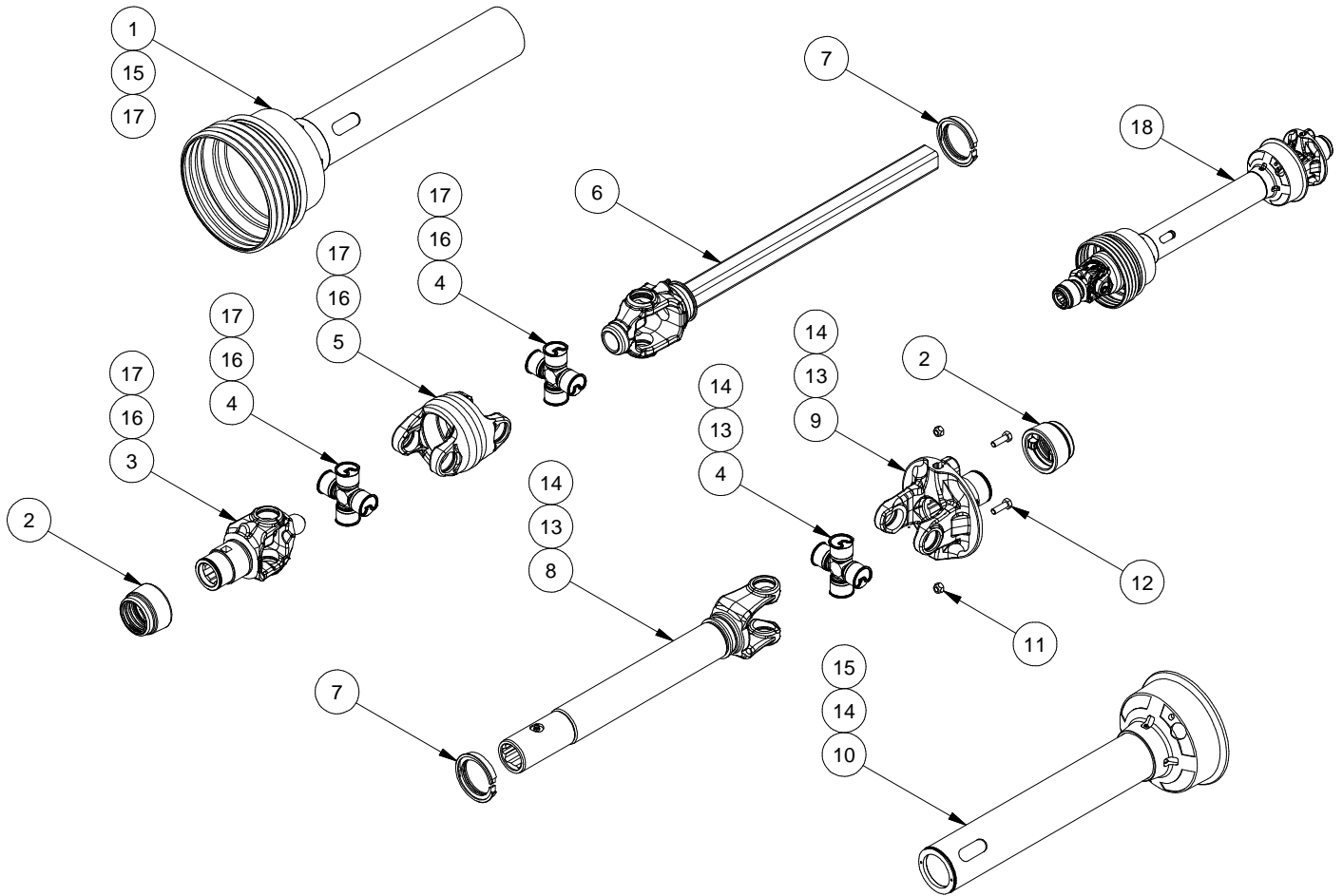
SLMD12			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000042586-00	1	Hard Line 3/8" Bypass
2	13000042582-00	2	Hyd. Fit - 6MJ-6MP w/o Inner Set Screw Restrictor
3	13000042134-00	1	Lift Bypass Valve
4	13000042584-01	1	Hyd Fitting Tee - 6MB-6MJ-6MJ w/o Inner Set Screw
5	13000042580-00	1	Hydraulic Fitting - 10MB-6MP
6	13000042581-00	1	Hydraulic Fitting - 10MB-6FB
7	13073100005	2	Flange Nut - 5/16-18 UNC
8	13000004250-00	1	Cable Tee
9	13000004251-00	5	Spacer
10	13000004249-00	1	Cable Drum
11	13000004247-00	1	Mount Gearbox w/ Bushing
12	13-0702-06096	5	Hex Cap Screw - 3/8-16 UNC - 1.5
13	13000043124-00	1	Decal - Winch
14	13000042139-00	1	6MP - Plug
15	13000042583-00	1	Hydraulic Fitting Elbow - 6MJ-6FJX90
16	13-0734-00006	4	Spring Lock Washer - 3/8
17	13-0702-06012	4	Hex Cap Screw - 3/8-16 UNC - 0.75
18	13000042244-00	1	Motor - 4.5 C.I.
19	13000003969-00	1	Gear Reducer 1:20
20	13-0729-00006	4	Nylock Nut - 3/8 Std NC
21	13-0709-05016	2	Carriage Bolt 5/16 x 1-18
22	13-0730-00006	5	Stover Nut - 3/8-16
23	13-0702-06024	4	Hex Cap Screw -3/8-16 UNC -6
24	13-0731-00006	4	Flange Lock Nut - 3/8-16
25	13000004733-00	1	Winch Mount
26	13000002699-00	1	Draw Pin
27	13-0702-06014	4	Hex Cap Screw - 3/8 x 7/8-16
-	13000004735-00	2	Hydraulic Hose - 3/8" x 21' c/w Fittings
-	13000042205-00	2	1/2" Male Pioneer End (For Hydraulic Hose)
-	13000004725-00	1	Kit - Winch Hydraulic

OPTIONAL - GEAR REDUCER



SLMD12			
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

PTO SHAFT ASSEMBLY



SLMD12			
REF #	PART #	QUANTITY	DESCRIPTION
1	13000003412-00	1	Outer Guard
2	13000003406-00	2	SSL/Auto-Lok Repair Kit
3	13000003407-00	1	CV Safety Slide Lock Yoke ASM.
4	13000003408-00	3	35 EBL Cross Kit
5	13000003409-00	1	CV Center Housing
6	13000003410-00	1	Yoke & Shaft (1.19 Square)
7	13000003411-00	2	Guard Repair Kit
8	13000003414-00	1	York, Tube & Slip Sleeve
9	13000003415-00	1	Ball Shear ASM.
10	13000003413-00	1	Inner Guard
11	13000003416-00	2	Locknut, 5/16-18
12	13000003417-00	2	Bolt, 3/8-16 x 1.0 LG, Gr5
13	13000003405-00	-	Joint and Tube Half Assembly - Includes Ref #'s - 4, 8, 9
14	13000003404-00	-	Joint and Tube Half Assembly c/w Inner Guard - Includes Ref #'s - 4, 8, 9, 10 (Shear)
15	13000003401-00	-	Guard Set - Includes Ref #'s - 1, 10
16	13000003403-00	-	Joint and Shaft Half Assembly - Includes Ref #'s - 3, 4, 5
17	13000003402-00	-	Joint and Shaft Half Assembly c/w Outer Guard - Includes Ref #'s - 1, 3, 4, 5 (CV)
18	13000003330-00	-	PTO Shaft Assembly Complete

GENERAL PARTS

PART NUMBER	DESCRIPTION
13000002949-00	Red Spray Paint
13000004846-00	Dark Grey Spray Paint
13000003333-00	12" Regular Flight / Foot - 2 1/2" OD Shaft
13000003441-03	12" Cupped Flight / 2 3/4" Feet - 2 1/2" OD Shaft
13000003505-00	12" Flight Shaft Core / Foot - 2.5" OD Shaft
13000003708-00	Decal - SLMD 12-72
13000003709-00	Decal - SLMD 12-79
13000003710-00	Decal - SLMD 12-85
13000003686-00	Decal - Meridian
13000001653-00	Decal - Caution (Large)
13000001654-00	Decal - Warning
13000001655-00	Decal - Danger - Upending Hazard
13000001656-00	Decal - Danger - Electrocuting Hazard
13000001657-00	Decal - Danger - Rotating Flighting
13000001658-00	Decal - Warning - Moving Part Hazard
13000001660-00	Decal - Rotating Drive Line
13000001714-00	Decal - Hydraulic Lift Valve
13000001716-00	Decal - Warning - High Press Fluid Hazard
13000003295-00	Decal - Caution - PTO Operation 1
13000003296-00	Decal - Caution - PTO Operation 2
13000004936-00	Decal - Patent Pending
13000002901-00	Reflector Yellow
13000002900-00	Reflector Red
13000004972-00	Kit - Bolt On Repair Band 12in
13000004693-00	Kit Sprocket Drive A - Corn/Soy Bean

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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.



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