



## H1364XT, H1374XT, & H1384XT AUGER ASSEMBLY MANUAL

Read & understand all instructions pertaining to this auger prior to use!



*Revised 8/31/2015*

# Safety Alert

Watch for this **ALERT** Symbol. It identifies potential hazards to Personal **SAFETY** and your **HEALTH**. It points out Safety precautions.

This **SAFETY** symbol means:

**ATTENTION:**

**BE ALERT**

Why is **SAFETY** important to you?

**THREE BIG REASONS:**

\***ACCIDENTS DISABLE AND KILL**

\***ACCIDENTS COST**

\***ACCIDENTS CAN BE AVOIDED**

Failure to read this Auger manual before operation of the Auger is a misuse of the equipment and a needless risk to your **HEALTH** and **SAFETY**. Your life and limbs are worth keeping. Use this equipment with care.

## Symbol

Signal Words:

**DANGER, WARNING, CAUTION**

The appropriate signal word for each message has been selected using the following guidelines below the Alert Symbol.



**BE ALERT!**

**DANGER** - Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury. This signal word is to be limited to the most extreme situations, typically for machine components that, for functional purposes, cannot be guarded.

**WARNING** - Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed. It may also be used to alert against unsafe practices.

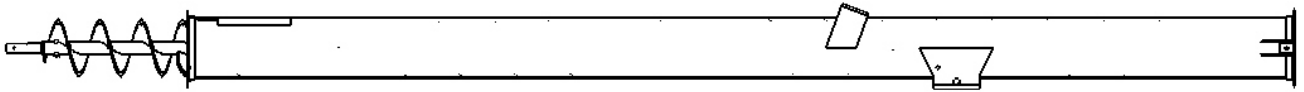
**CAUTION** - Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury. It may also be used to alert against unsafe practices.

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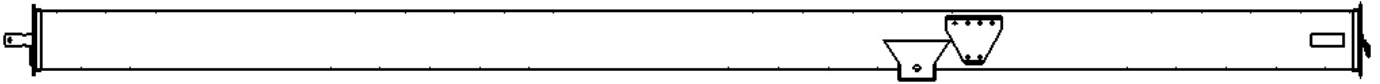
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## Step 1

### Tube Identification



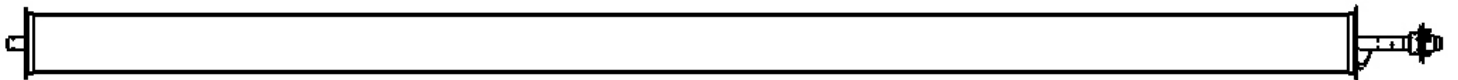
**1<sup>st</sup> Tube H1364, H1374, & H1384XT**



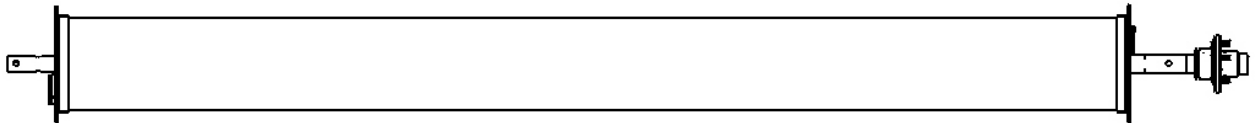
**2<sup>nd</sup> Tube H1364, H1374, & H1384XT**



**3<sup>rd</sup> Tube, Discharge H1364XT**



**3<sup>rd</sup> Tube, H1374 & H1384XT**

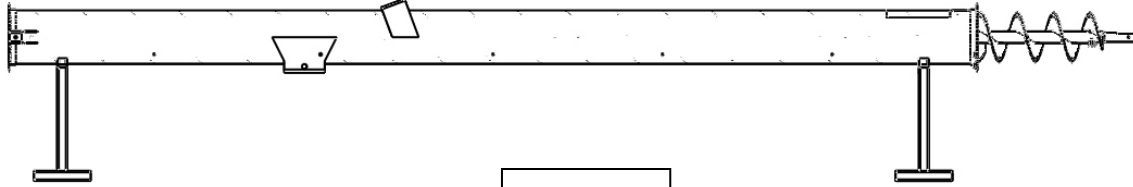


**4<sup>th</sup> Tube, Discharge H1374XT**



## **Step 2** (Tube & Flighting Assembly)

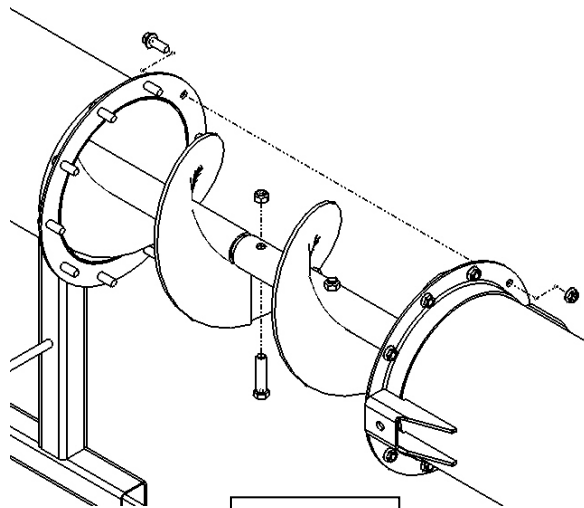
Place tubes on assembly stands as shown. Place stands 12" or less from the end of the tube. Placing stands further than 12" from end of the tube may cause damage to the tubes.



**Fig. 2.1**

## **Step 3**

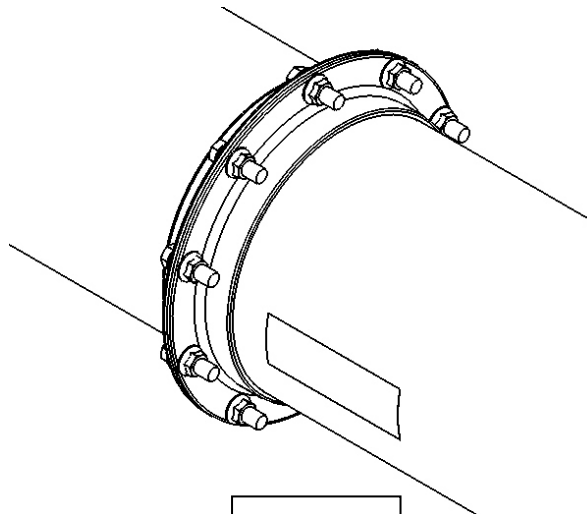
Slide the flighting together from the 1<sup>st</sup> & 2<sup>nd</sup> tube. Connect the flighting using (3) 5/8" x 3" hex bolts and top lock nuts. Align flighting as shown to make continuous. After connecting the flighting, slide the 1<sup>st</sup> & 2<sup>nd</sup> tube together putting in (10) 1/2" x 1-1/2" flange bolts & nuts.



**Fig. 3.1**

## **Step 4**

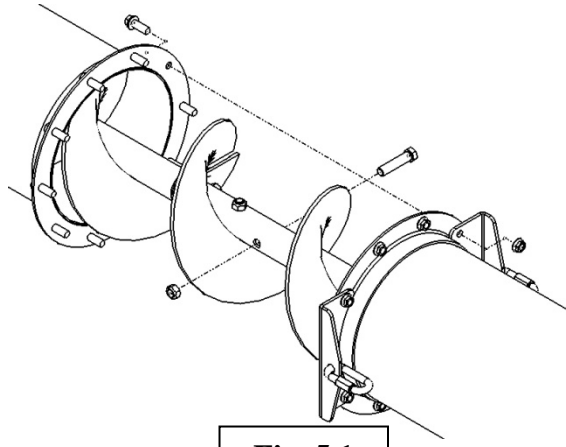
Place the 3<sup>rd</sup> tube in front of the 2<sup>nd</sup> tube and connect the flighting & tubes as shown in Step 3. Connect the flighting using (3) 5/8" x 3" hex bolts and top lock nuts. Connect the tubes using (10) 1/2" x 1-1/2" hex flange bolts and flange nuts. If assembling an H1364XT please skip to Step 6.



**Fig. 4.1**

### **Step 5 (H1074XT & H1084XT Only)**

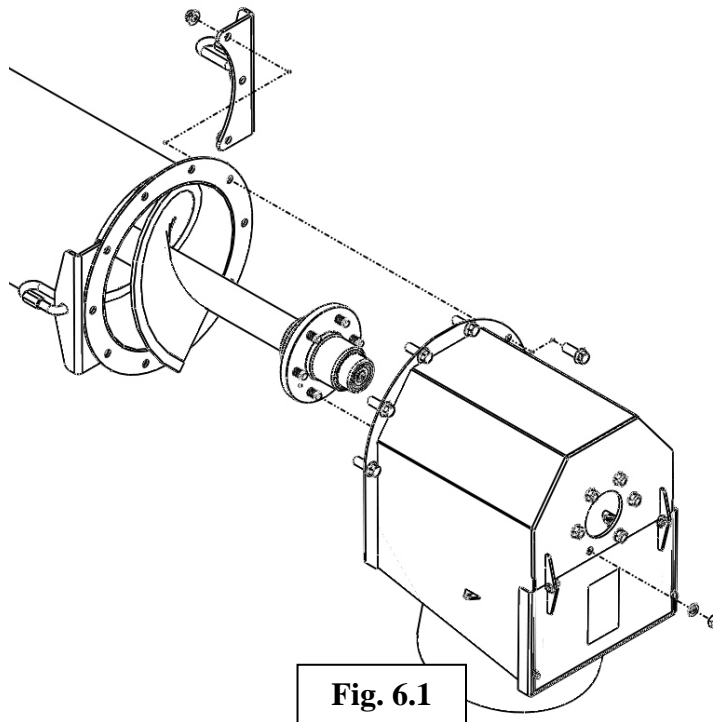
Place the 4<sup>th</sup> tube in front of the 3<sup>rd</sup> tube and connect the flighting as shown in Step 3. After the flighting is connected and secure, slide the 3<sup>rd</sup> & 4<sup>th</sup> tube together as shown. Mount the cable attachment brackets (10680) to the left and right side of the flange on the 3<sup>rd</sup> tube. Tighten the tubes and brackets together using (10) 1/2" x 1-1/2" flange bolts & nuts. After the bolts are tight, attached the 1/2" quick link to each bracket as shown. Tighten both quick links.



**Fig. 5.1**

### **Step 6 (Discharge Head Assembly)**

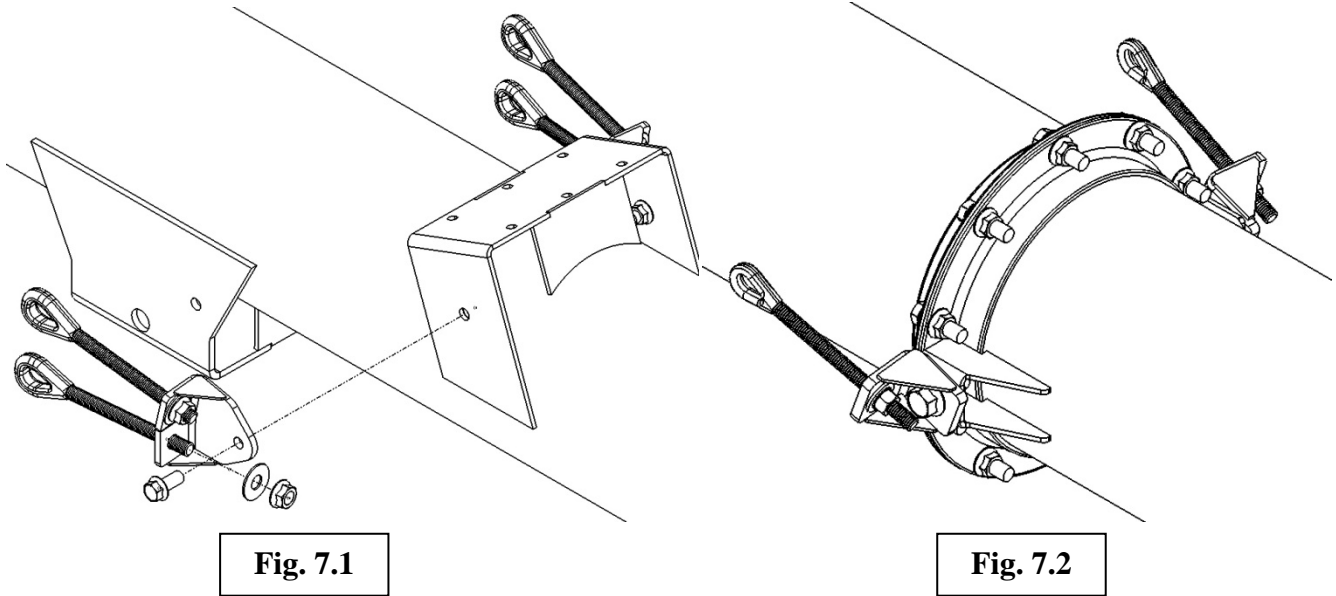
All tubes & flighting should now be assembled together. Now the discharge head should be attached. First align the 6 studs on the flighting with the 6 holes in the discharge head. Fasten the discharge head to the flighting using (6) 1/2" lock washers & (6) 1/2" lug nuts. Thread lug nuts on flat side against the lock washers. Tighten the 6 lug nuts. Next, fasten the discharge head to the tube using (10) 1/2" x 1-1/2" flange bolts & nuts. Attach the cable attachment brackets (10680) & the 1/2" quick links will need to be mounted on both the left and right side of the tube as shown in Step 5. Tighten all 10 bolts mounting the discharge head to the tube. Tie red flag supplied in the kit to the discharge head.



**Fig. 6.1**

### **Step 7 (Cable Mount & Truss Assembly)**

In Step 7 the lower cable mount brackets will be installed. On the 1<sup>st</sup> tube bolt cable mount brackets (31972) to the left & right side of the hopper arm bracket as shown. These will be fastened using (2) 5/8" x 1-1/2" flange bolts & nuts. Insert a 3/4" eyebolt into each hole of the cable mount bracket and attach each with 1 flat washer, ext. tooth lock washer, & hex nut as shown in fig. 7.1. If assembling and H1374 or H1384XT attach the upper cable mount brackets to the 1<sup>st</sup> tube as shown in fig. 7.2. Attach the brackets and eyebolts with the same process as the lower cable winch mount brackets.

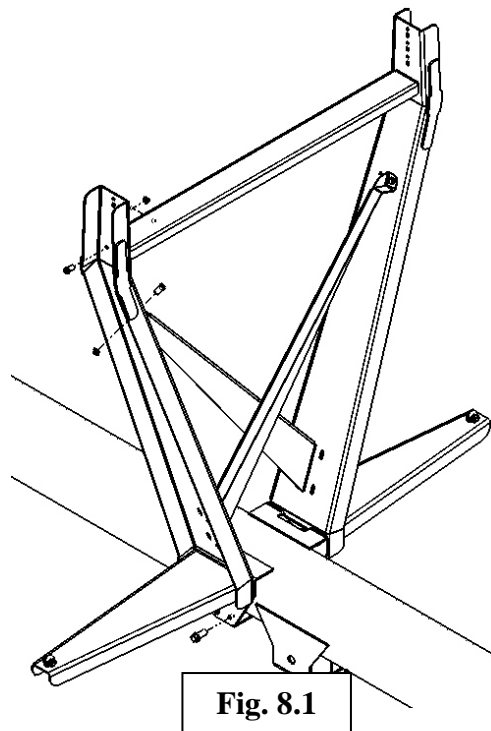


**Fig. 7.1**

**Fig. 7.2**

### **Step 8**

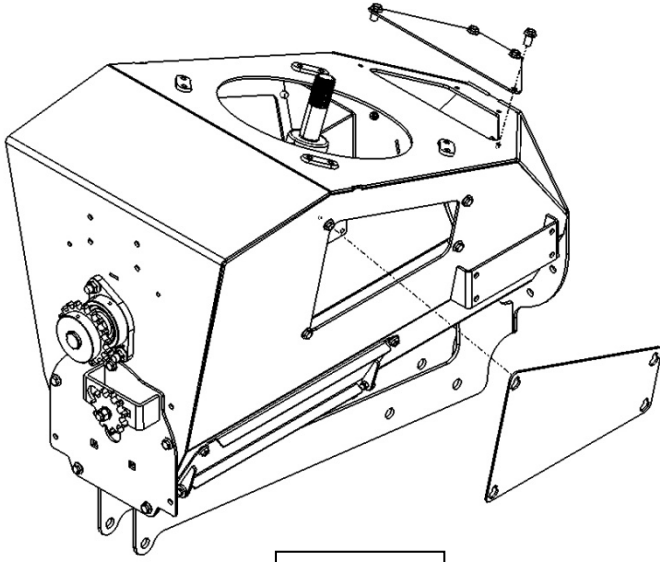
Next the cable truss uprights assembled on the 2<sup>nd</sup> tube. Start by placing the 2 upright truss brackets (31971) & 2 of the side cable supports (13221) on the tube and fastening with a total of (12) 1/2" x 1-1/2" flange bolts & flange nuts. Leave these a little loose for ease of assembling the cross member. Next, assemble the cross member (13223) using a total of (4) 3/8" x 1" flange bolts & flange nuts as shown. Next, assemble the 2 "X" braces as shown using (6) 3/8" x 1" flange bolts and nuts. Tighten all fasteners in this step. After all fasteners are tightened, place (2) 1/4" cable clamps on the side cable supports. Thread nuts on by hand but do not tighten.



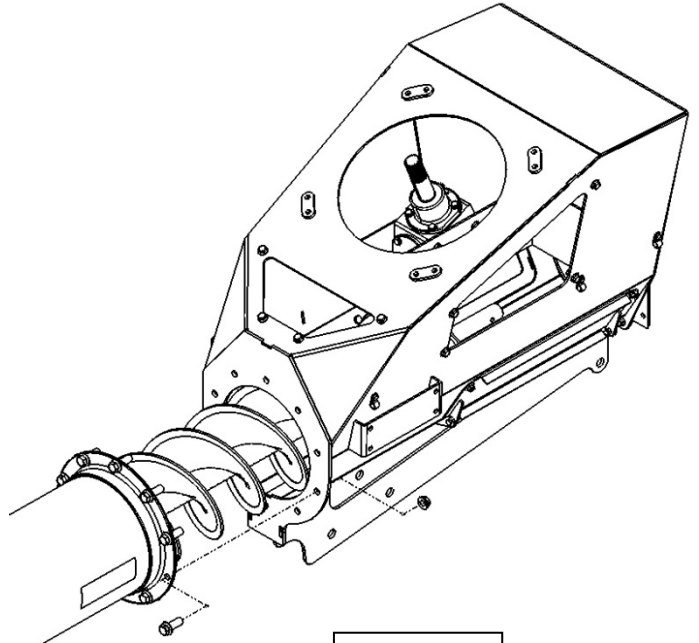
**Fig. 8.1**

### **Step 9 (Infeed Housing Assembly)**

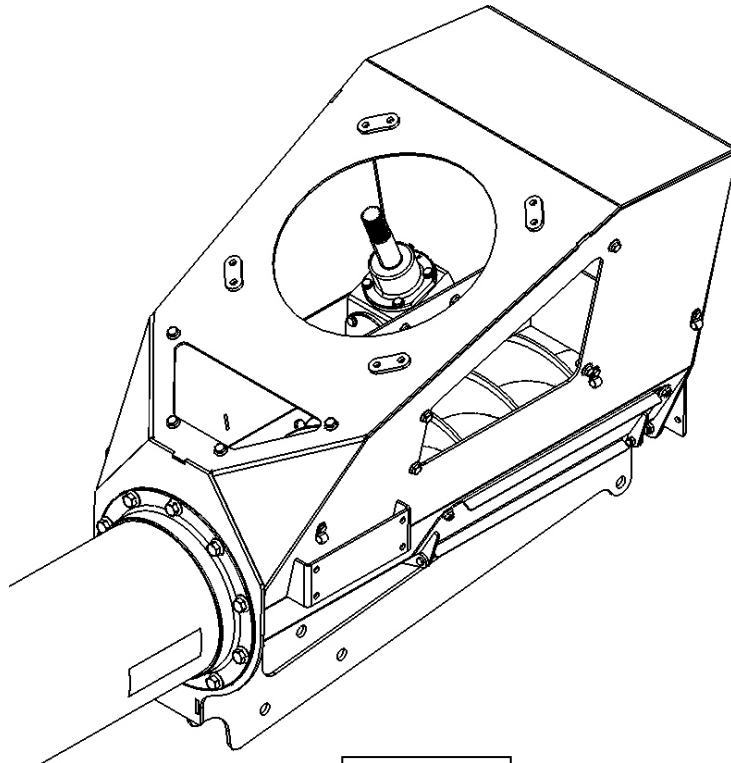
Loosen bolts and remove both side access panels. Remove 5 bolts and remove the top access panel. Using a lifting strap, lift and slide the infeed housing over the bottom flighting on the 1<sup>st</sup> tube. Secure the infeed housing to the first tube using (10) 1/2" x 1-1/2" flange bolts and nuts



**Fig. 9.1**



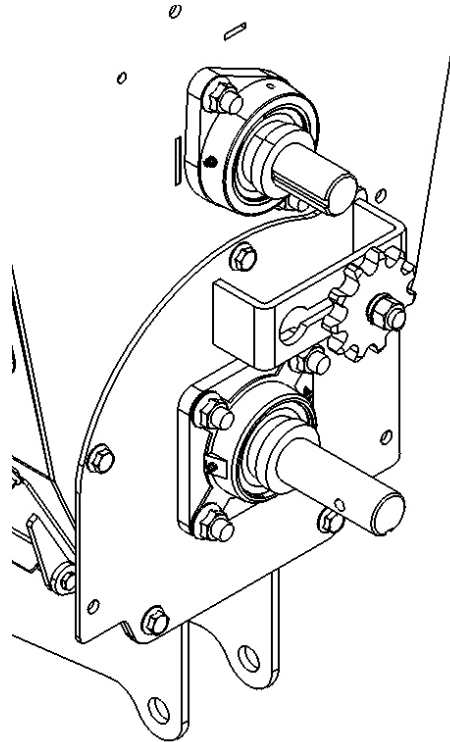
**Fig. 9.2**



**Fig. 9.3**

### **Step 10**

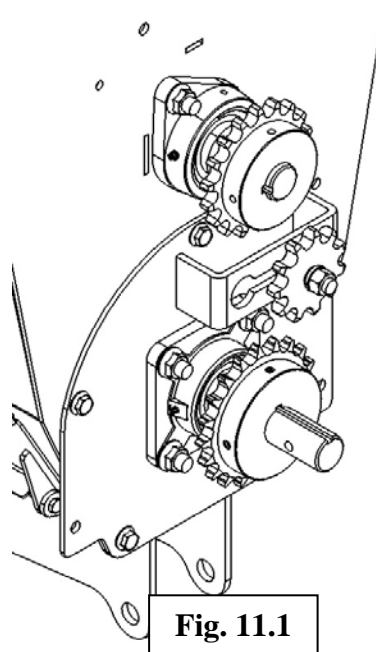
Next, slide the 4 bolt 1-3/4" cast flange bearing over the shaft making sure the grease zerk is located on the same side as top bearing. (If the shaft has surface rust, clean first with an emry cloth) Secure the 4 bolt bearing to the infeed housing using (4) 1/2" x 1-1/2" carriage bolts & flange nuts as shown. When completed use a punch to rotate the shaft so the keyway is in an easy to access position.



**Fig. 10.1**

### **Step 11**

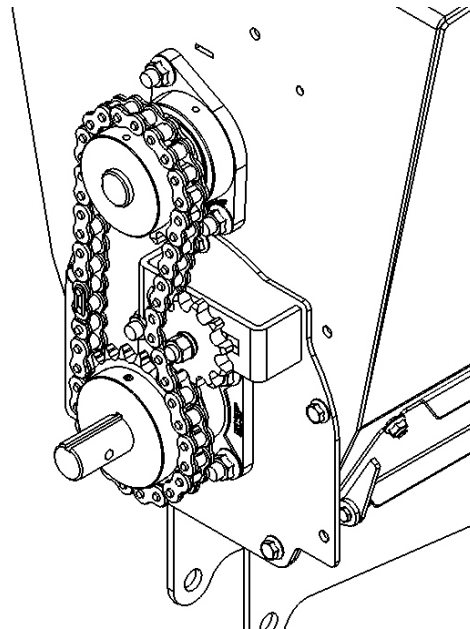
Next, insert 1/4" x 1" square key into the top shaft & 3/8" x 1-1/2" key into the bottom shaft. Slide the 18 tooth sprocket onto the top shaft & the 20 tooth sprocket onto the bottom shaft as shown in fig. 11.1. Use a measuring tape & measure the distance from the center of each sprocket to the infeed housing. Once sprockets are aligned, apply lock-tite to set screws & tighten.



**Fig. 11.1**

## **Step 12**

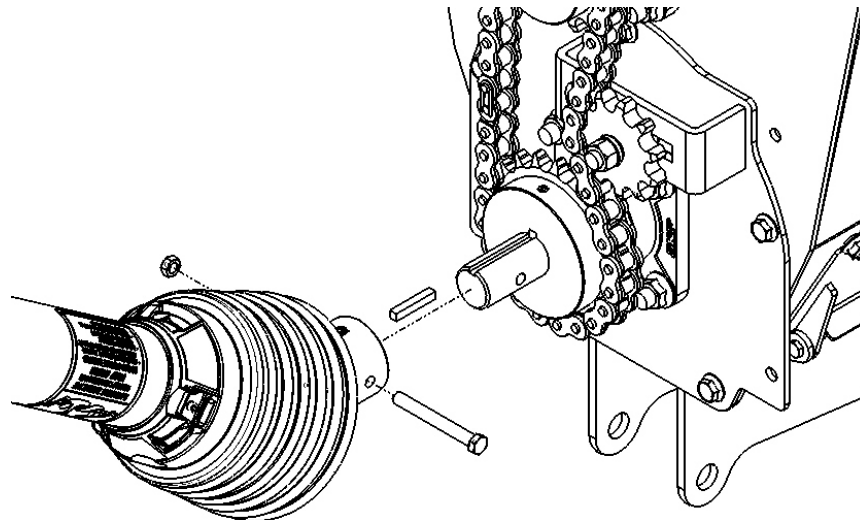
Locate the #60 chain, #60 half link, & #60 connector link. Attach the half link to the chain on one end & place the chain around the sprockets as shown in fig. 12.1. Secure chain with connector link. When connector link is installed & the loop has been completed, push the idler sprocket in the chain to achieve good tension. When proper tension is achieved tighten the idler sprocket. Now grease top & bottom bearings with multi-lith grease.



**Fig. 12.1**

## **Step 13**

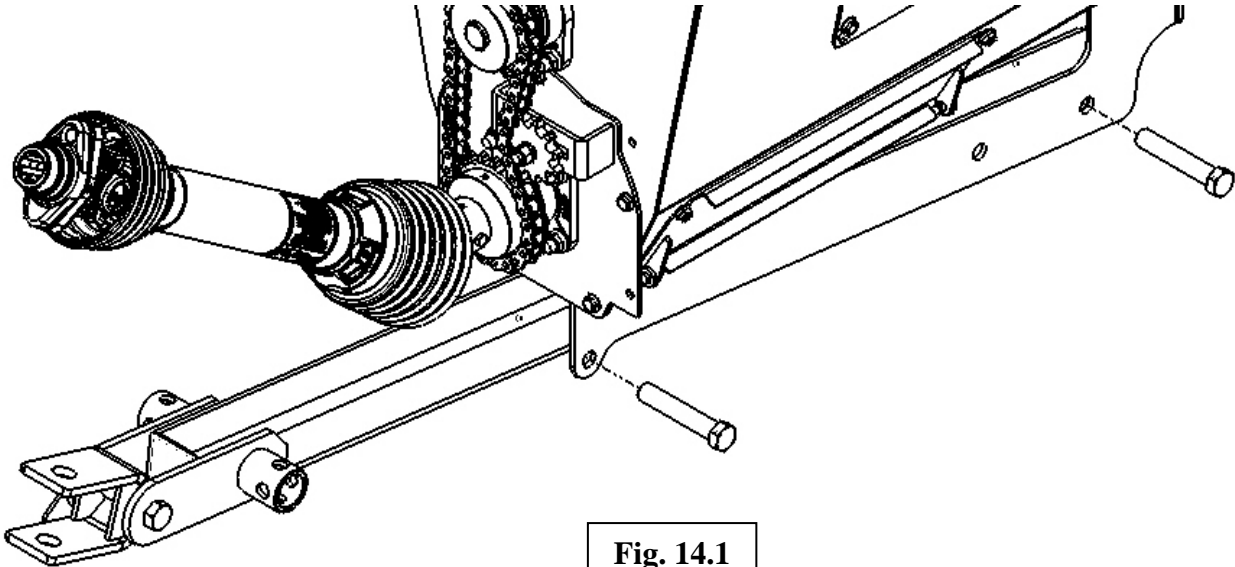
Next, insert a 3/8" x 1-1/2" square key into the bottom shaft. Slide PTO shaft onto lower drive shaft. Align holes in PTO shaft with hole in drive shaft. Using a punch will help in this application. Secure using a 3/8" x 3-1/2" hex bolt & top lock nut. Tighten set screw on PTO shaft.



**Fig. 13.1**

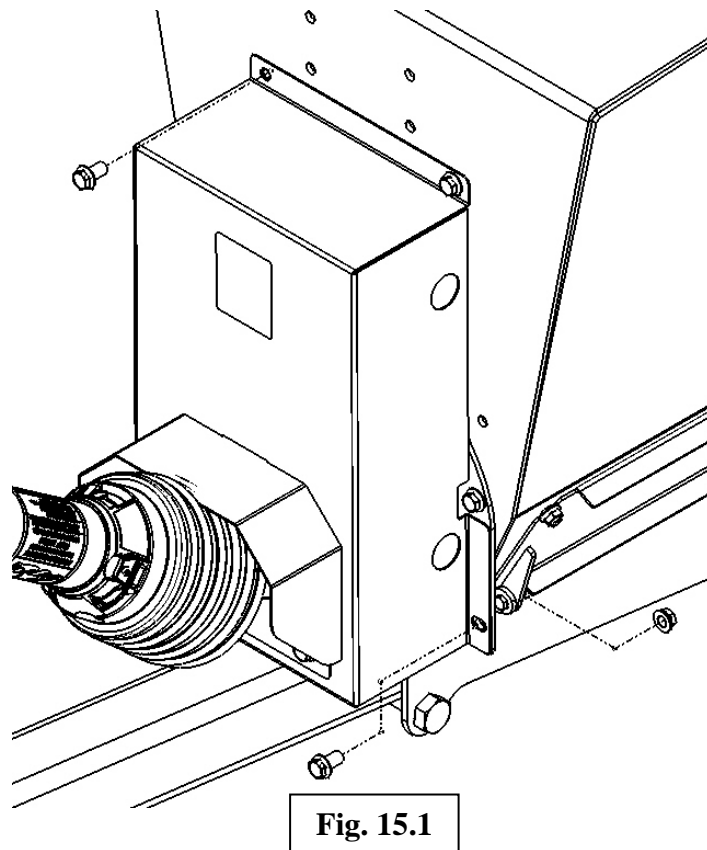
### **Step 14**

Next, install the infeed tongue assembly to the infeed housing. Secure the tongue with a 3/4" x 6" hex bolt & toplock nut through the rear of the infeed housing and the tongue tube. Next, lift the tongue up to the infeed housing and insert a 3/4" x 6" hex bolt under the tongue in the front on the infeed housing. Secure the bolt and tongue with a 3/4" toplock nut. Tighten all fasteners in this step.



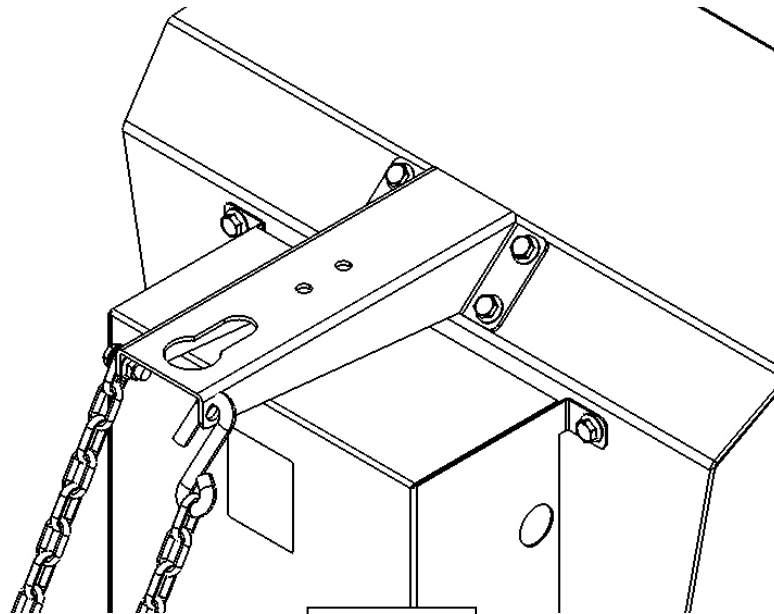
### **Step 15**

Next slide the chain guard over the PTO shaft and secure to the infeed housing (2) 3/8" x 3/4" flange bolts & flange nuts on the bottom and (2) 3/8" x 3/4" flange bolts on the top. Then place lower "U" shaped guard plate onto guard and secure with (4) 3/8" x 3/4" flange bolts.



### **Step 16**

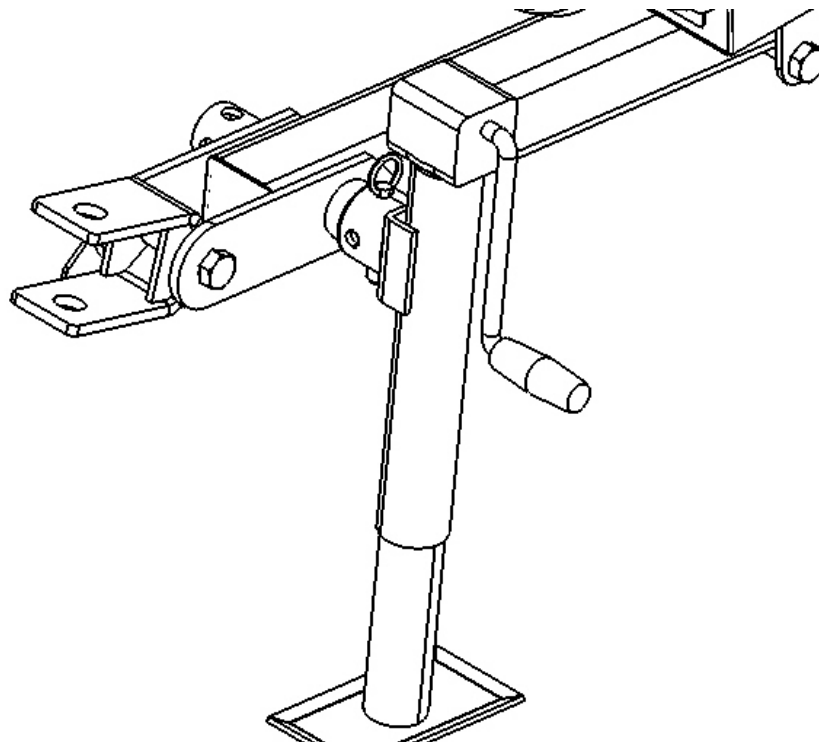
Locate the PTO support bracket & mount it to the infeed housing as shown in fig. 16.1 using (4) 3/8" x 3/4" flange bolts & flange nuts. Attach the PTO support chain to the bracket as shown using a 3/8" x 1" flange bolt & flange nut.



**Fig. 16.1**

### **Step 17**

Locate the jack and slide it onto the jack mount tube located on the side of the tongue. Secure jack with pin.

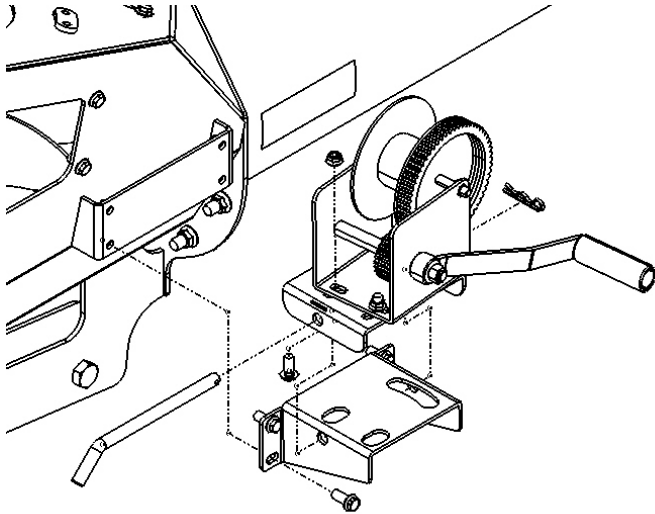


**Fig. 17.1**

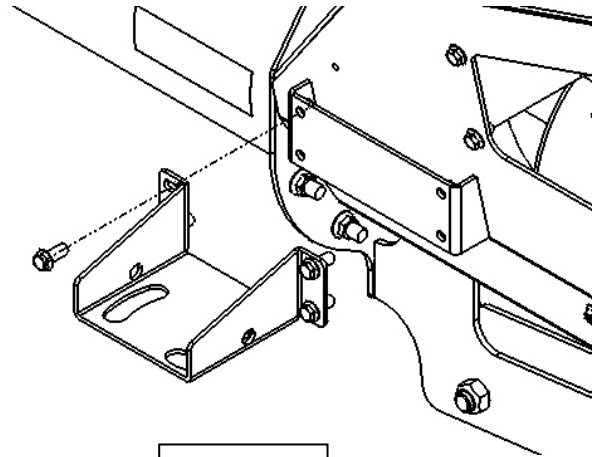


## **Step 18**

Next the hopper winch will be mounted. On the right side of the infeed housing attach the winch mount bracket (10131B) to the infeed housing using (4) 3/8" x 1" hex flange bolts & flange nuts. Next, mount the winch retain bracket (10251) to the winch and secure with (3) 3/8" x 1" carriage bolts & flange nuts as shown in fig. 18.1. Tighten bolts by hand only for now. Slide the winch handle onto winch with spring & nut. Tighten nut to secure handle. Place winch on top of the mount bracket and secure with the 1/2" pin & hairpin. Angle the winch so it is centered with the top bracket (hopper arm bracket) on the 1<sup>st</sup> tube. Tighten the (3) 3/8" x 1" carriage bolts. Next, mount the other winch mount bracket on the left side of the infeed housing. Attach as shown in fig. 18.2 with (4) 3/8" x 1" hex flange bolts & flange nuts.



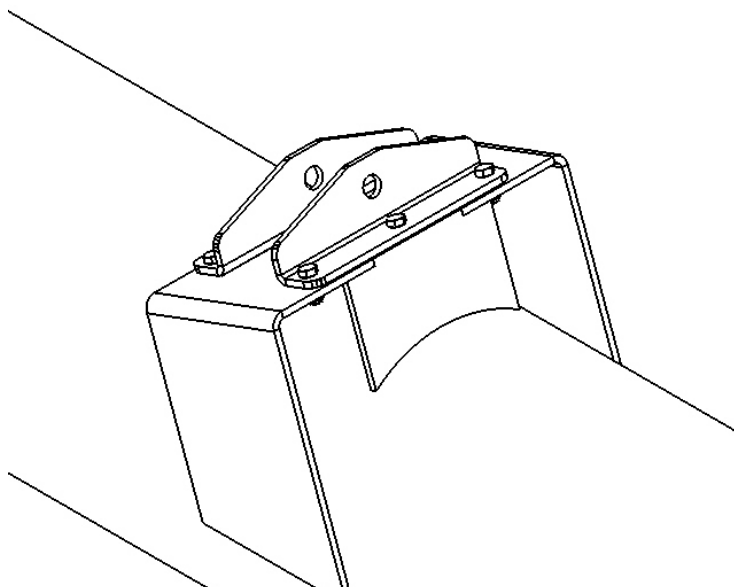
**Fig. 18.1**



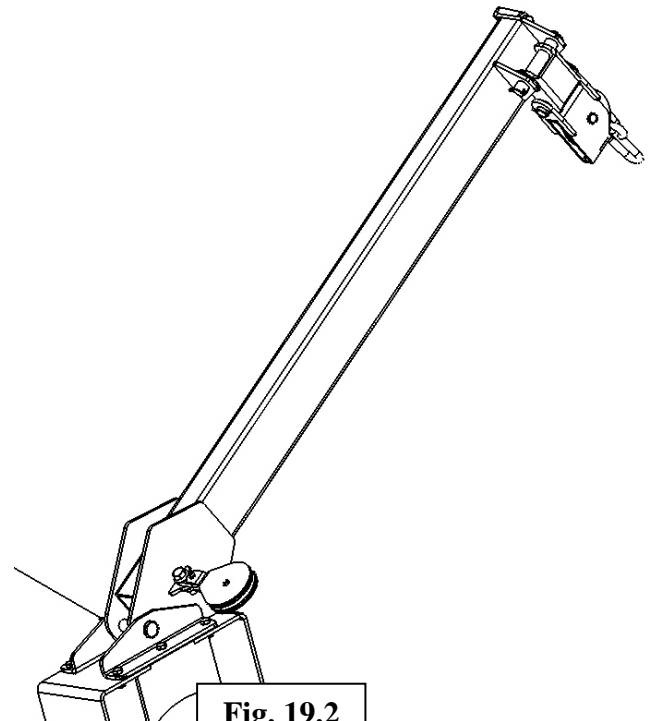
**Fig. 18.2**

## **Step 19 (Transport Arm Assembly)**

After the left hand side winch mount bracket is secured, assemble the hopper transport arm to the 1<sup>st</sup> tube. This will be done by attaching the arm mount brackets (10676) using (6) 3/8" x 1" hex flange bolts & nuts. Mount arm on brackets using (1) clevis pin and 1/8" x 1-1/2" cotter pin as shown in figure 20.2.



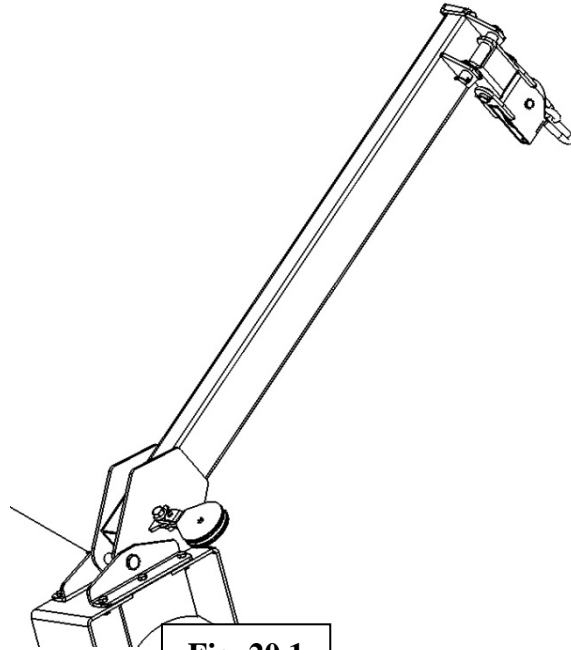
**Fig. 19.1**



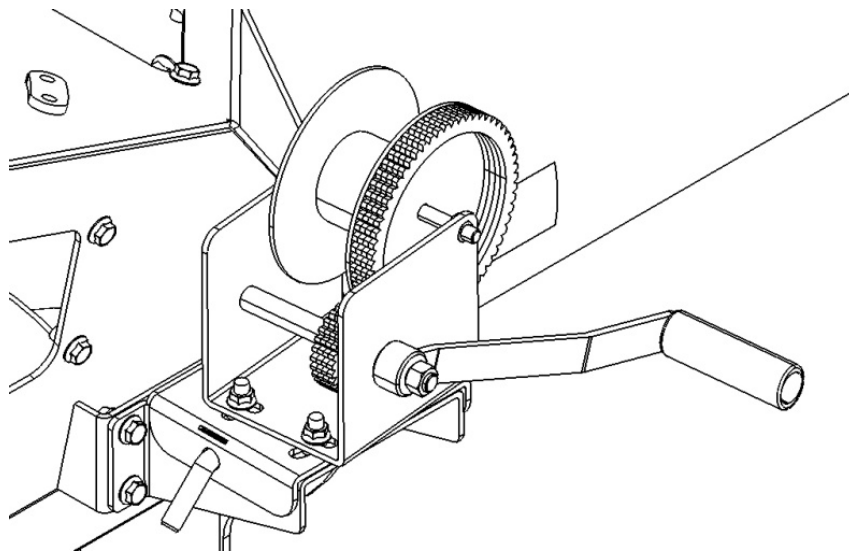
**Fig. 19.2**

## **Step 20**

Next the hopper lift cable will be assembled. Insert cable through the upper then the lower pulley on the hopper transport arm. Pull cable back to the winch. Insert cable through hole on the side of the winch drum. Fasten to winch using the winch cable clamp & nut provided with winch.



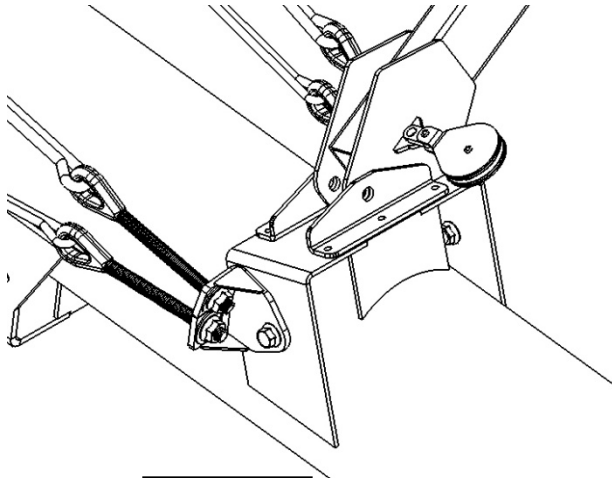
**Fig. 20.1**



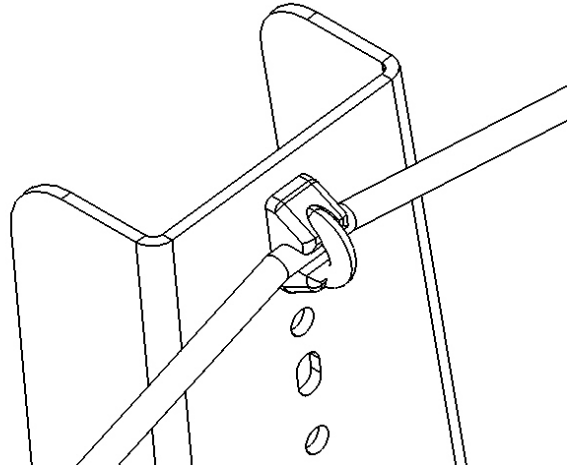
**Fig. 20.2**

### **Step 21 (Truss Cable Assembly)**

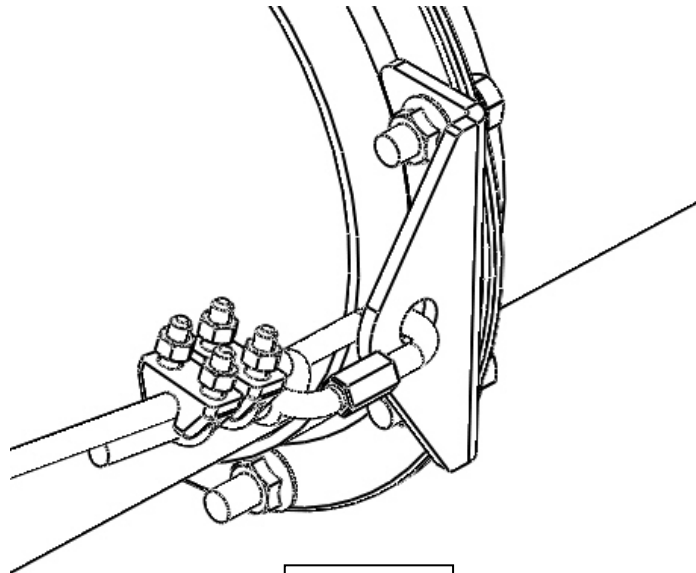
Take 1 long 1/2" cable & attach it to the upper eyebolt located in the middle of the first tube. Secure using (2) 1/2" cable clamps. Pull cable to first truss and through a 1/2" cable clamp on the top of the truss. When the cable is through the cable clamp, continue pulling the cable to the quicklink located on the discharge end of the last tube. Secure using (2) 3/8" cable clamps as shown in figure 21.3. Repeat on opposite side of the auger. Always have saddles of the cable clamps on the "live" end of the cable.



**Fig. 21.1**



**Fig. 21.2**



**Fig. 21.3**

## Step 22

Locate the 51 foot 3/8 cables. Attach it to the lower eyebolt located in the middle of the first tube. Attach using the same process specified in step 21. Pull cable out to the side cable supports and through the 3/8" cable clamp. When the cable is through the cable clamp, continue pulling the cable to the quick link located on the joint on the end of the 3<sup>rd</sup> tube. (This will be on the same quick link for a H1364xt) Secure using (2) 3/8" cable clamps. Repeat on opposite side of the auger. **If assembling an H1364XT skip Step 24.**

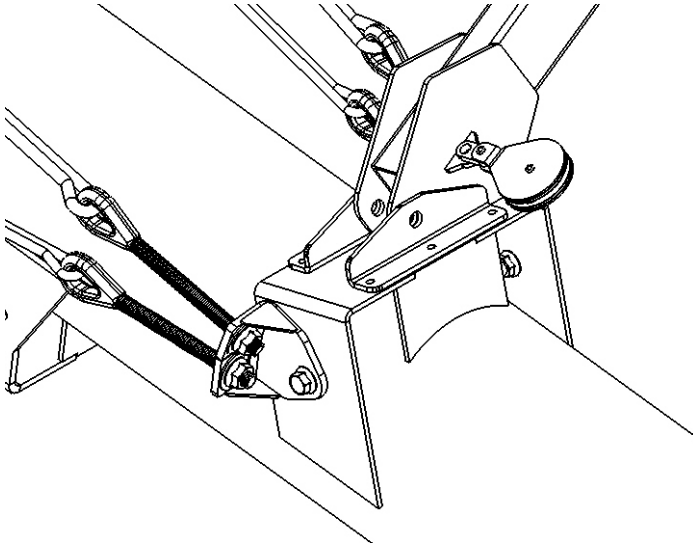


Fig. 22.1

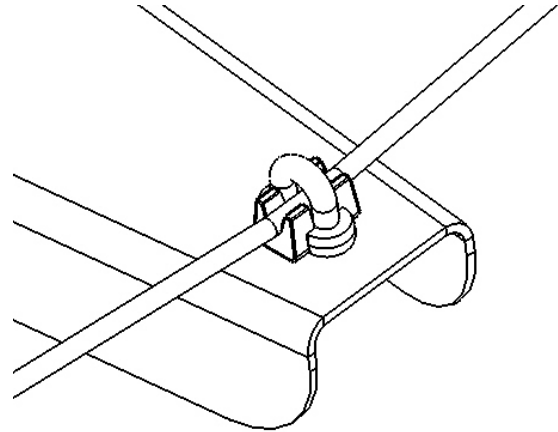


Fig. 22.2

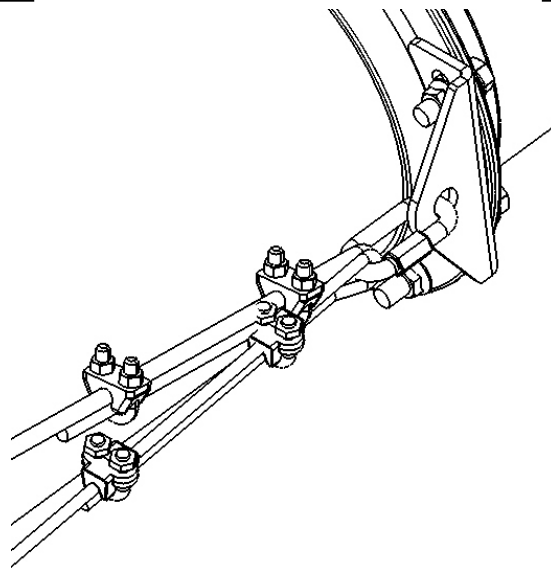
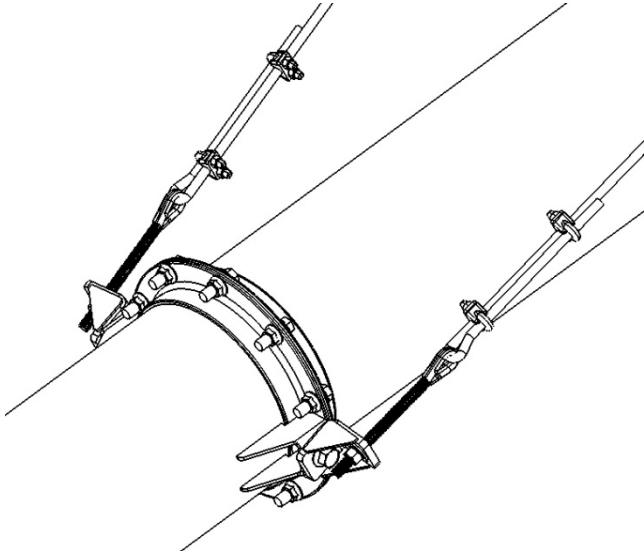


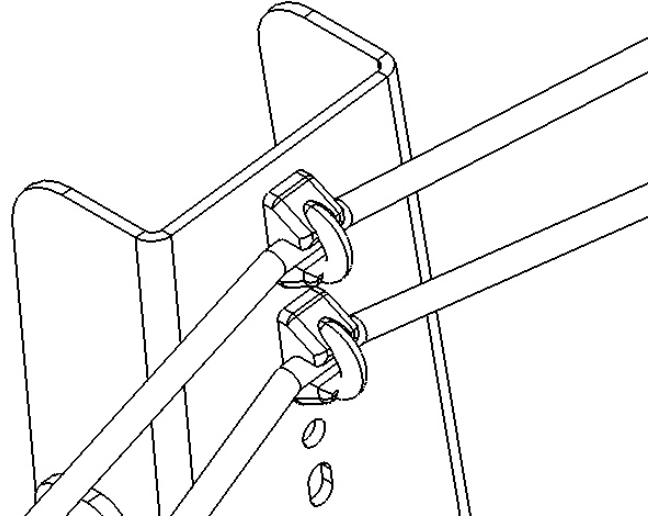
Fig. 22.3

### **Step 23 (H1374xt & H1384xt Only)**

Locate the short 1/2" cables. Attach cable to eyebolts on the end of the 1<sup>st</sup> tube. Attach using the same process specified in step 22. Pull cable to the truss & put the cable through a cable clamp and mount to the lower mounting position on the truss as shown in fig. 23.2. When the cable is through both cable clamps, continue pulling the cable to the quick link located on the joint on the end of the 3<sup>rd</sup> tube. This will be the same quick link as the side cables. Secure using (2) 1/2" cable clamps. Repeat on opposite side of the auger.



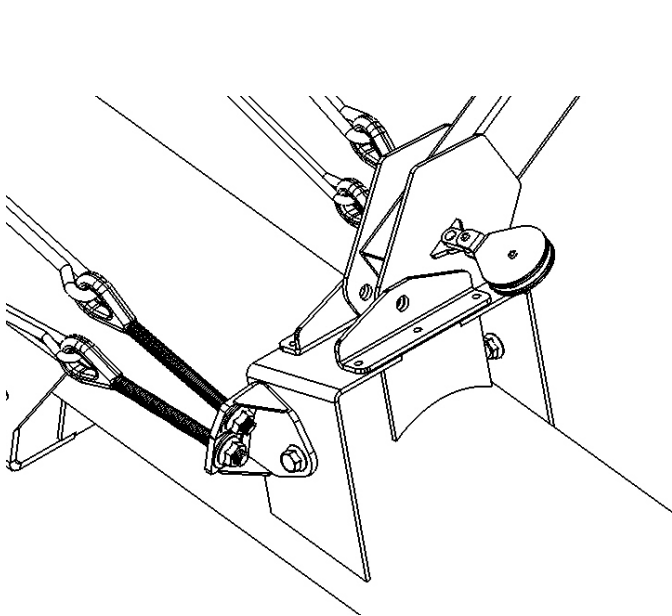
**Fig. 23.1**



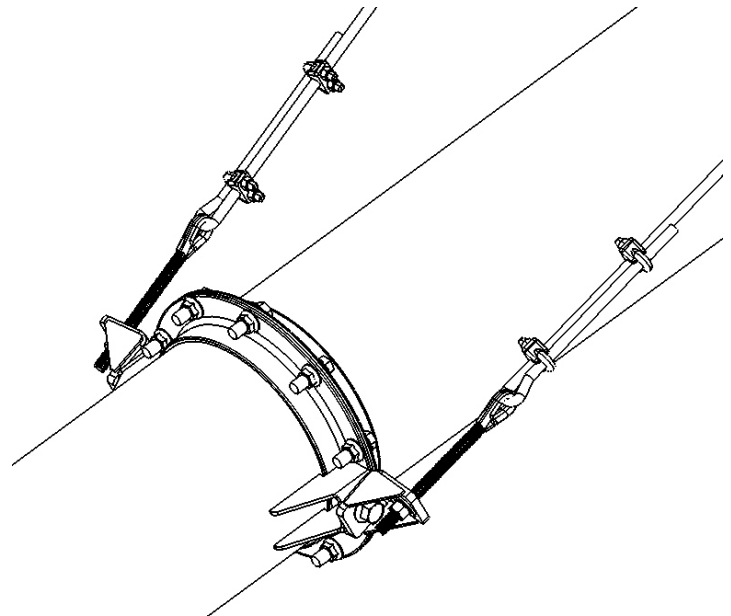
**Fig. 23.2**

### **Step 24**

To tighten the cables, lifting the discharge end of the tubes is required. Place a lifting strap 2 feet from the end of the auger and lift the tubes approximately 3 feet. This will cause the tubes to curve upwards. Place a punch or pry bar into the eye of the eyebolt to hold it straight. Tighten the nut on the eyebolt about 3" or until the cable feels stiff. Do this for all the cables.



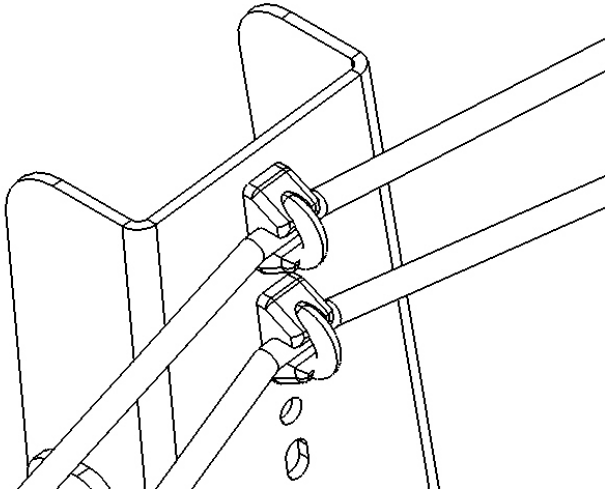
**Fig. 24.1**



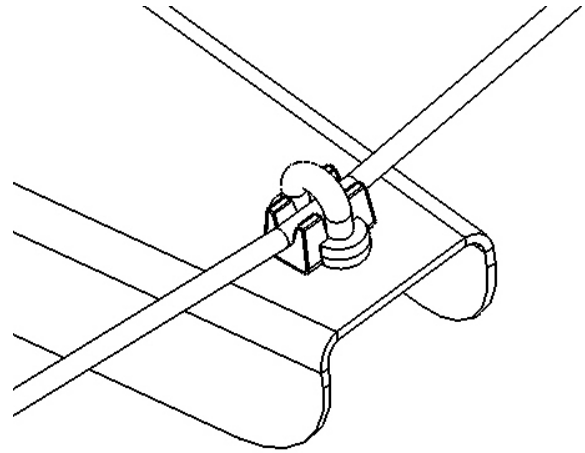
**Fig. 24.2**

## **Step 25**

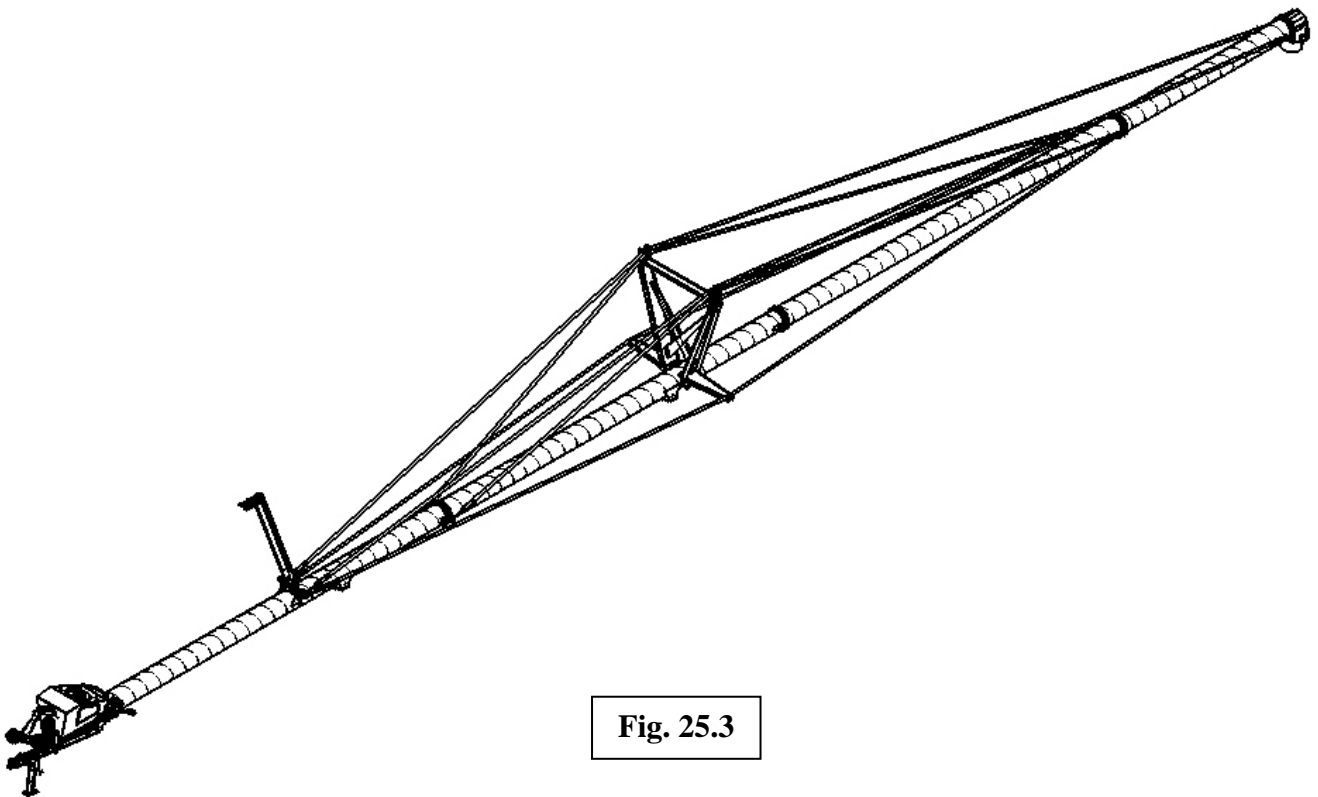
When all the eyebolts are tightened it is now time to tighten the truss cable clamps. Tighten each cable clamp that is mounted to each truss evenly. After the clamps are tightened, stabilize the auger and lower the discharge end of the auger. Once lowered, the auger should have a bow of 3” to 4” off of the assembly stand.



**Fig. 25.1**



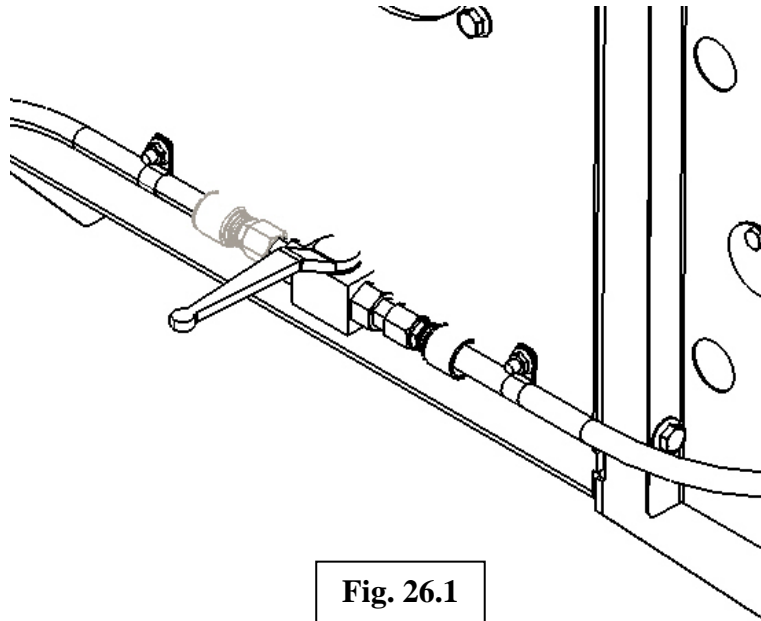
**Fig. 25.2**



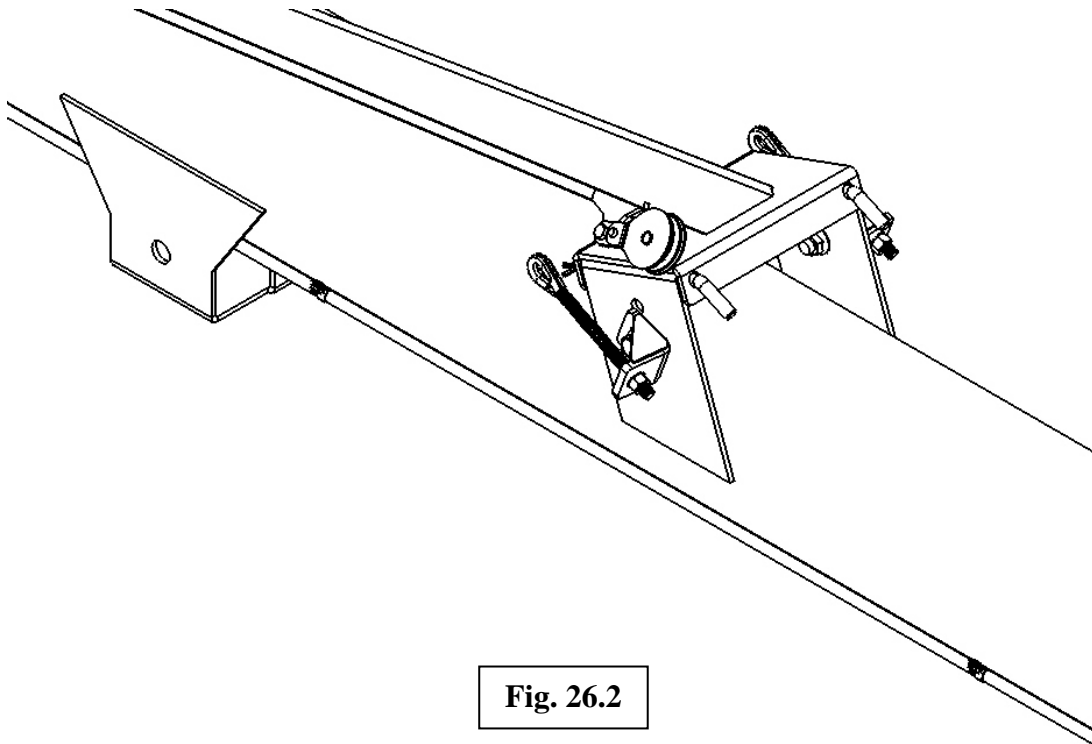
**Fig. 25.3**

### **Step 26 (Hydraulic Hose Assembly)**

Locate the hydraulic kit and the quarter turn shut off valve. Attach the hoses and shut off valve to the left side of the infeed housing using (3) 1/2" hose "P" clamps & (3) 1/4" x 3/4" flange bolts & nuts as shown in figure 26.1. Run hose up left hand side auger tube attaching it the weld on studs using 1/2" hose "P" clamps & 1/4" flange nuts. Leave a little slack between each stud. Run the hose on the inside of the carriage mount bracket as shown in figure 26.2.



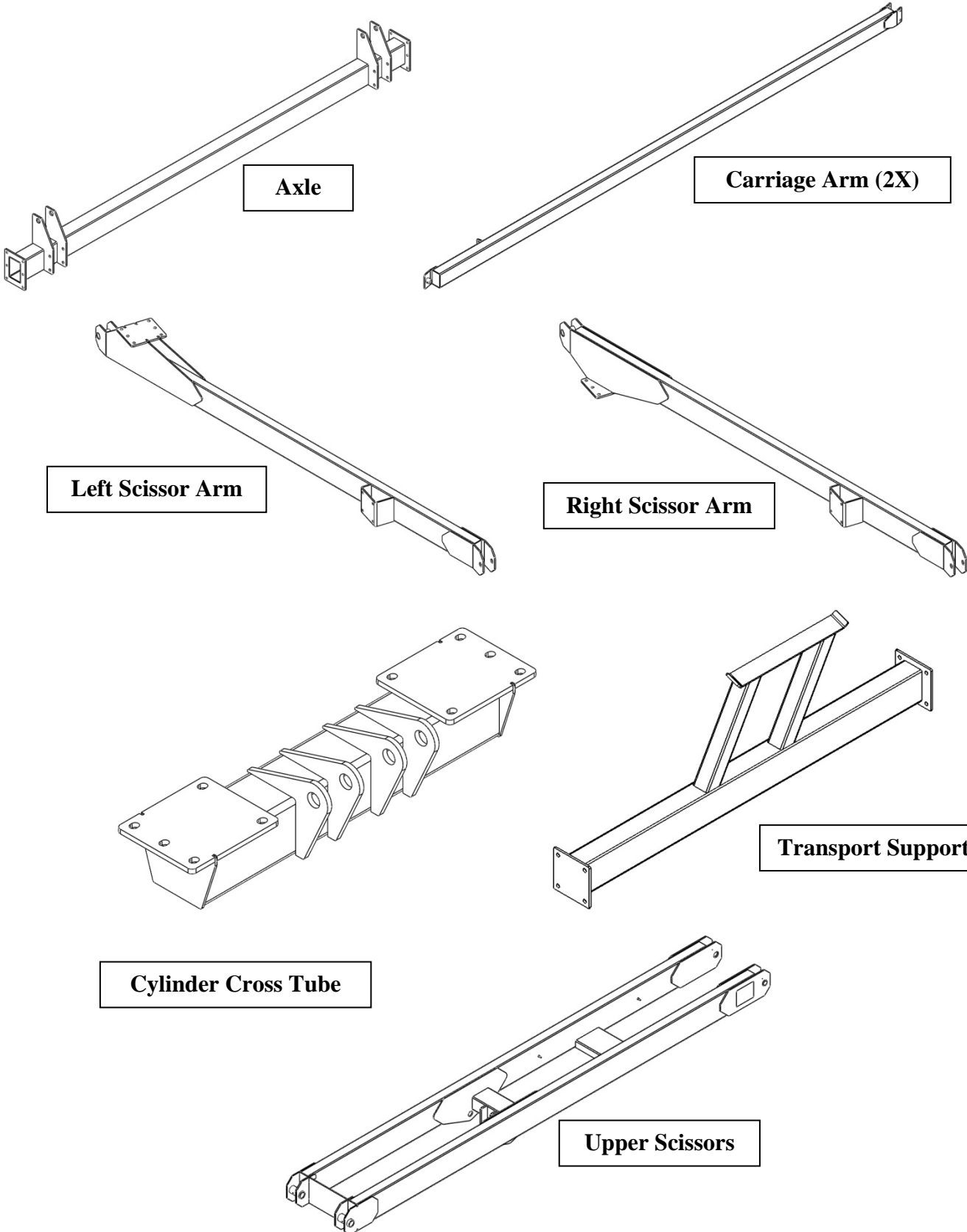
**Fig. 26.1**



**Fig. 26.2**

**Step 27 (Carriage Assembly)**

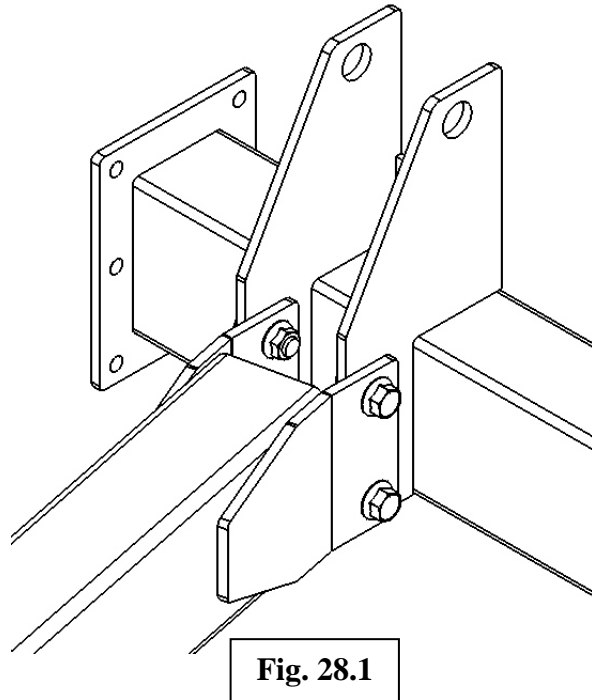
**Carriage Identification**





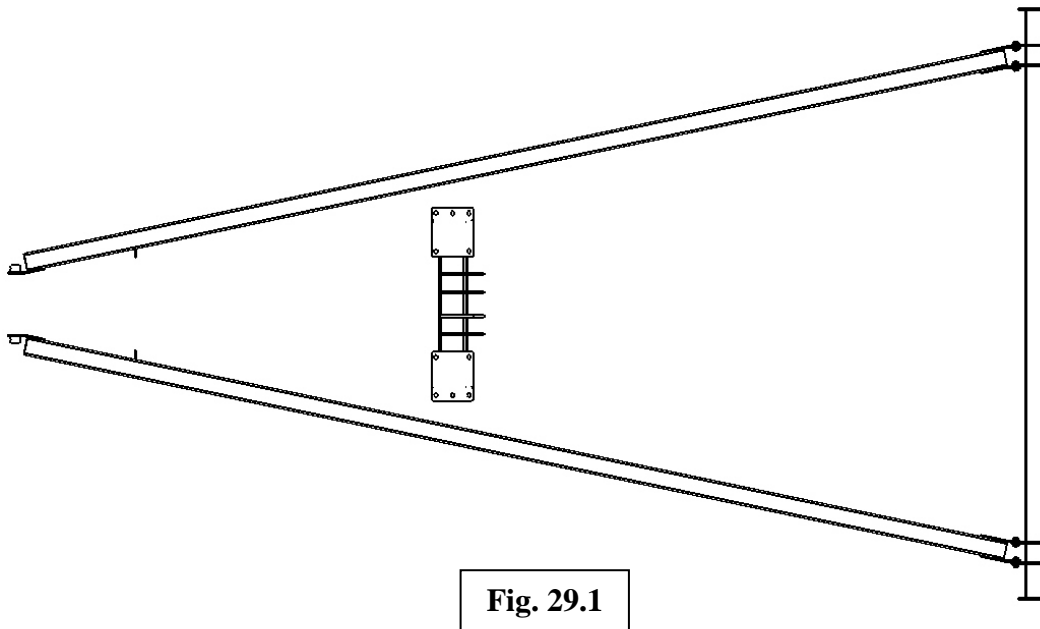
### **Step 28**

Attach the carriage arms to the axle as shown in fig. 28.1. Fasten the carriage arms to the axle using (4) 5/8" x 1-1/2" flange bolts and nuts. Do not tighten these bolts at this time.



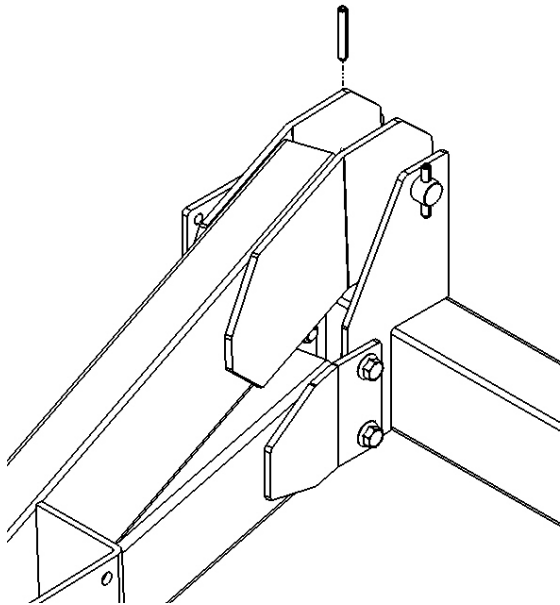
### **Step 29**

Locate the cylinder cross tube assembly. Place on the ground between the 2 carriage arms. Place approximately two thirds of the way down the carriage arms from the axle as shown in fig. 29.1. Be sure to place cylinder cross tube with the holes for the cylinder in the direction of the axle.

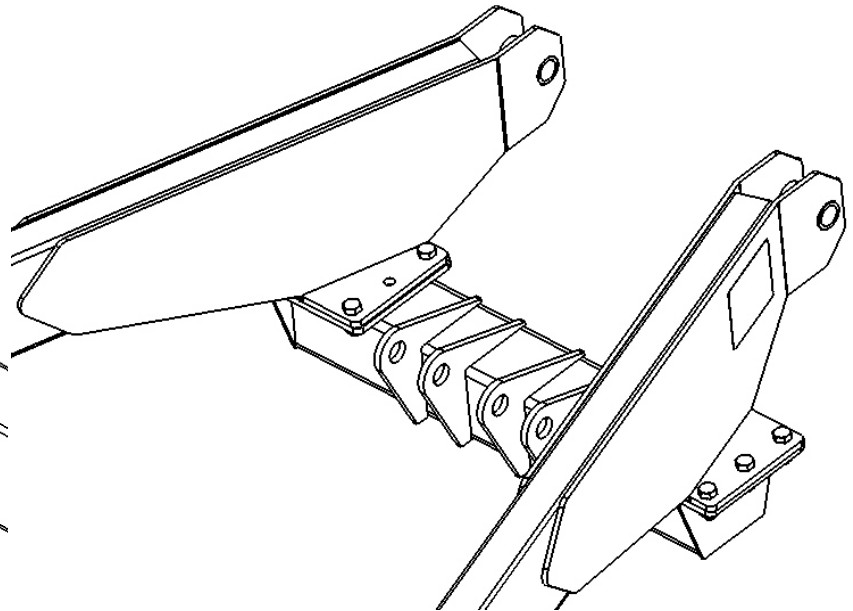


### **Step 30**

Locate the right scissor arm. Attach the scissor arm to the axle using a 1-1/4" x 6-3/4" pin. Secure the pin with (2) 3/8" x 3" roll pins. (Fig. 30.1) Attach the other end of the scissor arm to the cylinder cross tube as shown in fig. 31.2. Fasten the scissor arm to the cross tube using (5) 3/4" x 2" hex bolts & flange nuts. Repeat this step for the left scissor arm.



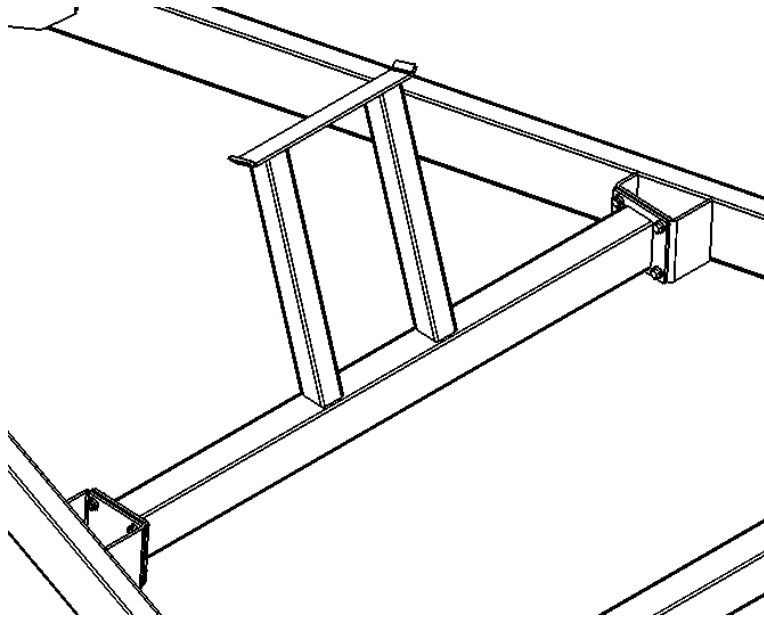
**Fig. 30.1**



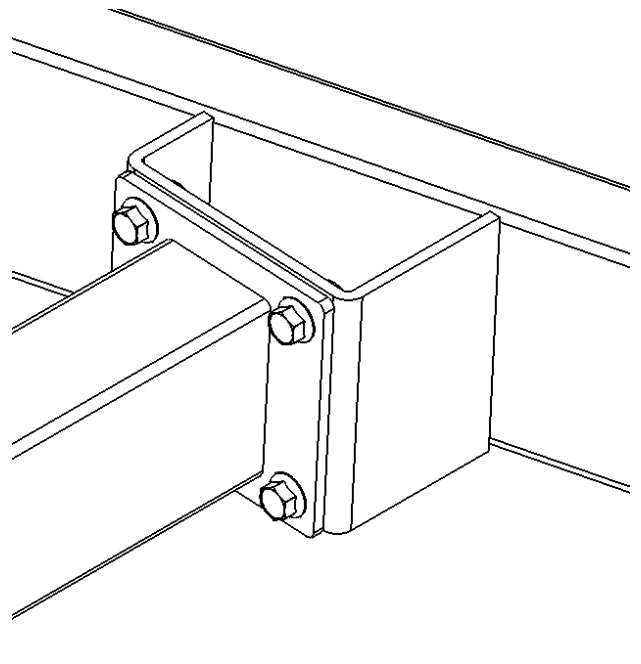
**Fig. 30.2**

### **Step 31**

Locate the transport support tube assembly. Move the bracket between the two scissor arms. Make sure that the upright rest arms are leaning away from the axle. Attach each side using (4) 5/8" x 1-1/2" flange bolts & nuts. Do not tighten.



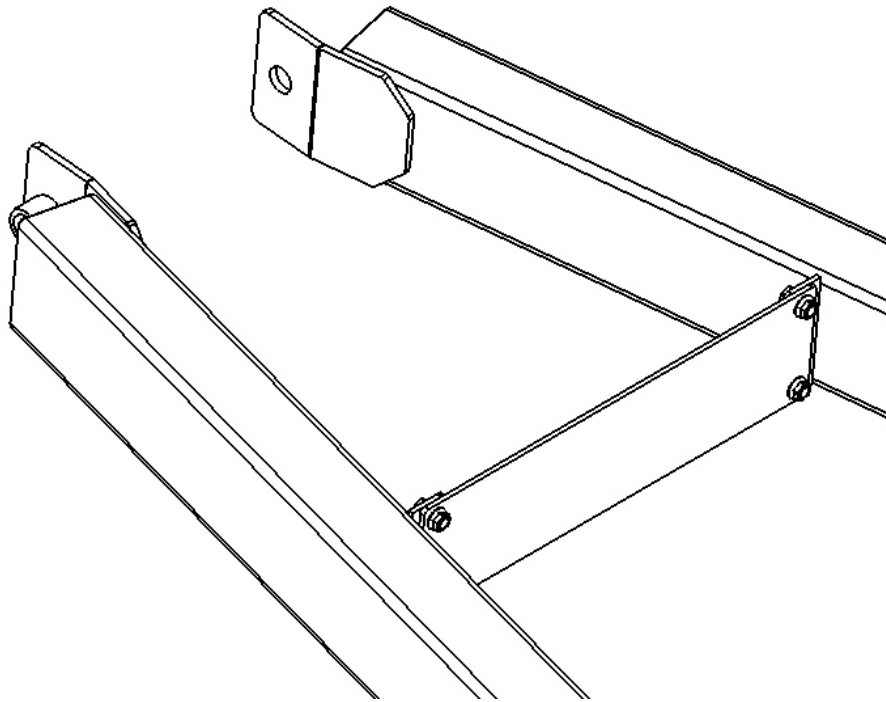
**Fig. 31.1**



**Fig. 31.2**

### **Step 32**

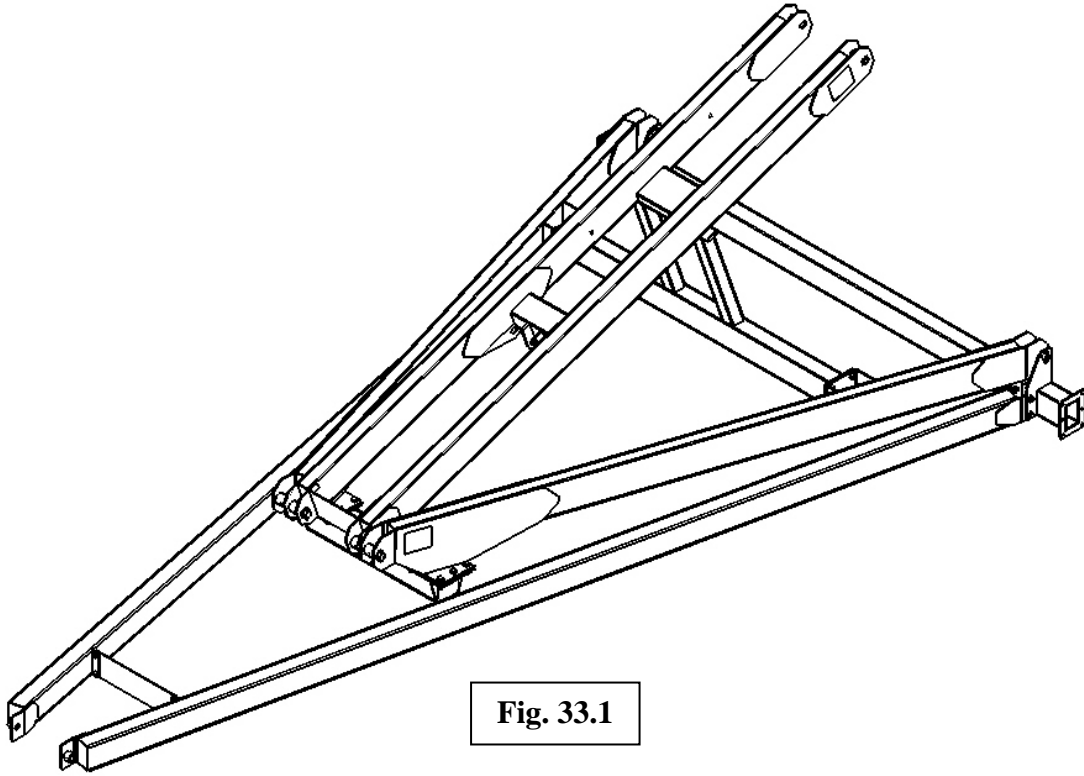
Next, the carriage arm spacer should be installed. Place the carriage are spacer plate between the two lower carriage arms as shown in fig. 32.1. Attach the plate to both carriage arms using (4) 1/2" x 1" flange bolts & flange nuts. Do not tighten at this time.



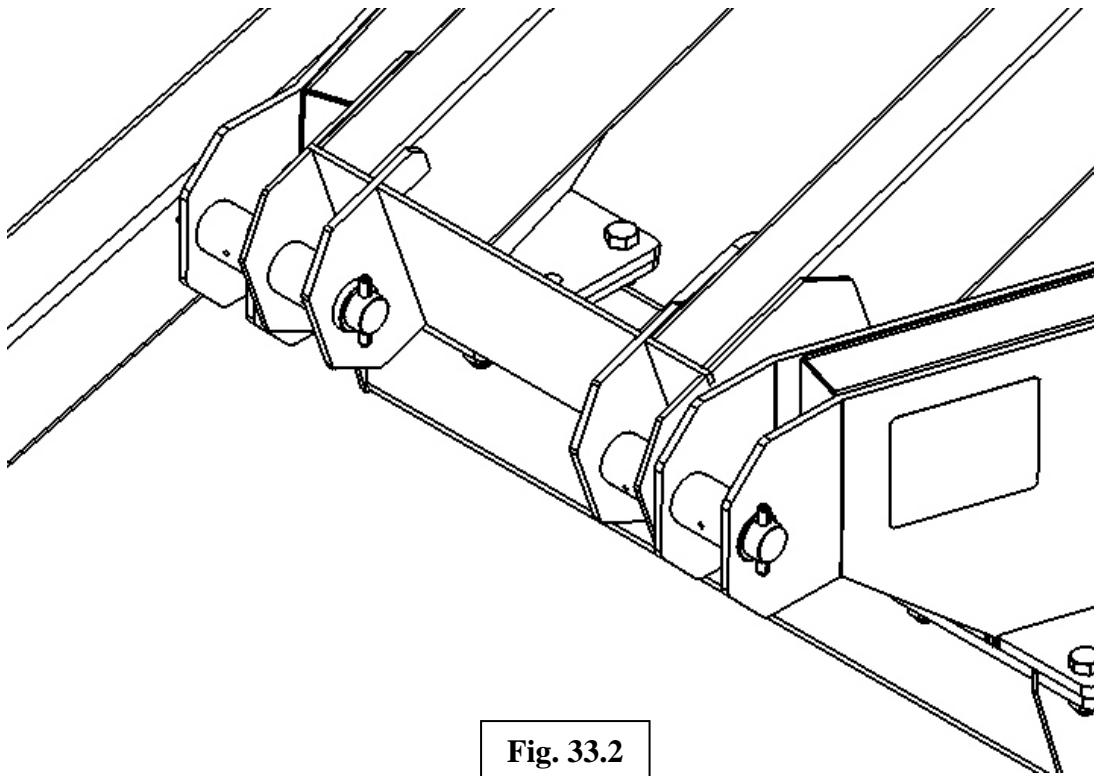
**Fig. 32.1**

### **Step 33**

Next, locate the upper scissors assembly. Place the upper scissors between the left & right scissor arms as shown in fig. 33.1. Rest the upper scissors on the transport support arm. Attach the upper scissors using 2 pins that are 9-5/8" long. Secure each pin with (2) 3/8" x 3" roll pins shown in fig. 33.2.



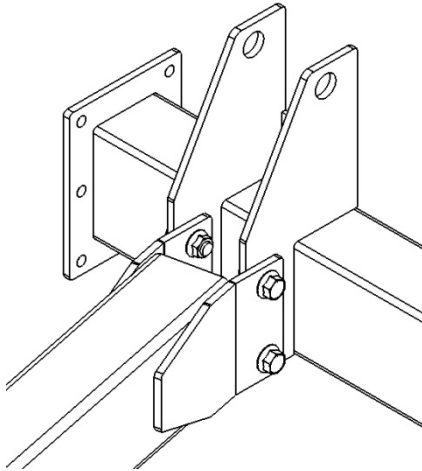
**Fig. 33.1**



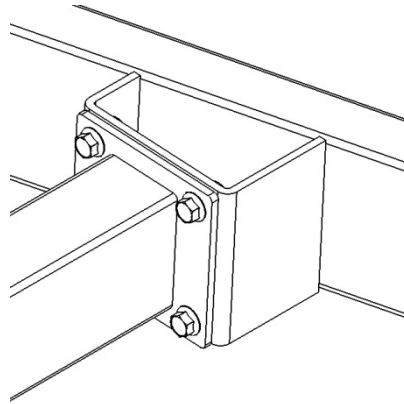
**Fig. 33.2**

### **Step 34**

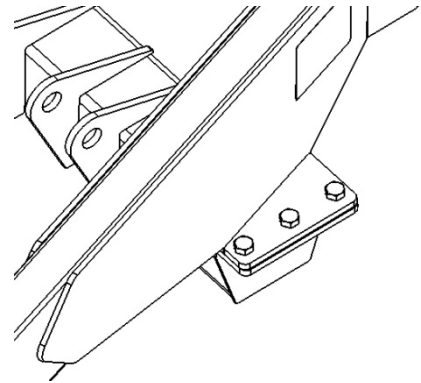
Now, go through the carriage and tighten all the 5/8" flange bolts & 3/4" hex bolts.



**Fig. 34.1**



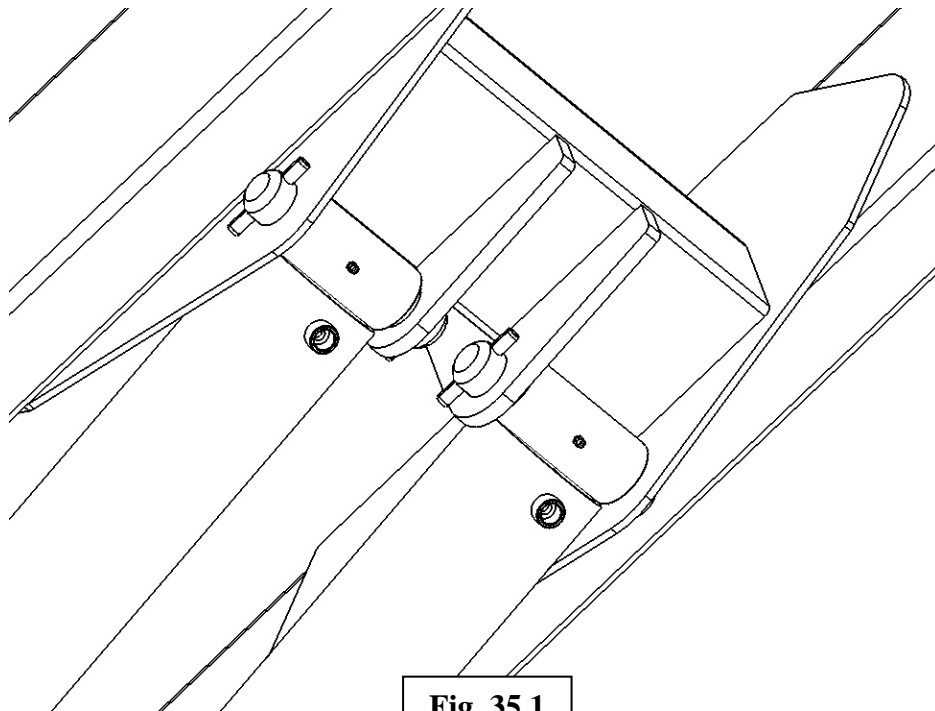
**Fig. 34.2**



**Fig. 34.3**

### **Step 35**

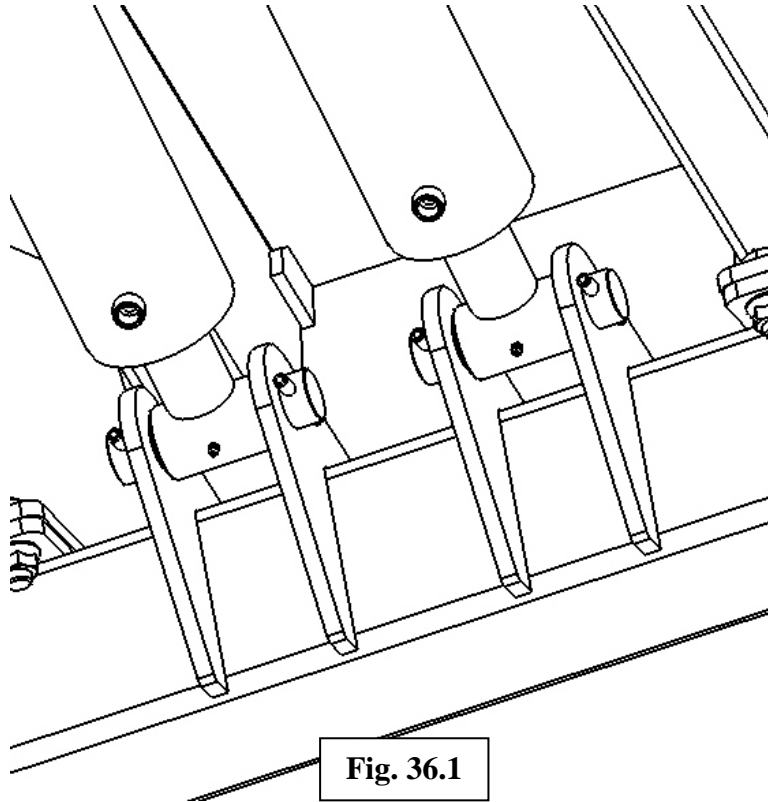
Locate the 2 hydraulic cylinders (30093) & the 1-1/2" x 7-1/2" cylinder pins. Locate (4) 3/8" x 3" roll pins. Using a lifting strap, lift the first cylinder up & orientate the cylinder so the rod end points away from the axle and the bore or cylinder end is towards the axle. Also, make sure the cylinder ports are pointed down. Attach the cylinder to the upper scissors assembly using the cylinder pin and the 2 roll pins as shown in fig. 35.1. Repeat this step for the second cylinder.



**Fig. 35.1**

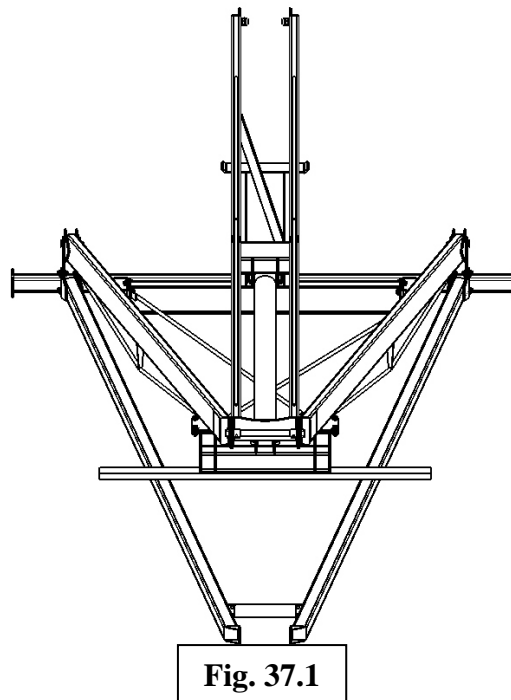
### **Step 36**

Locate the (2) 1-1/2" x 6" cylinder pin & (4) 3/8" x 3" roll pins. Using the lifting strap, lift the rod end of the cylinder up to the cylinder mount cross tube. Using a punch may be needed to align the holes in the cross tube mount and the cylinder. Put pin through brackets and cylinder and secure with the roll pins. Repeat to attach the second cylinder.



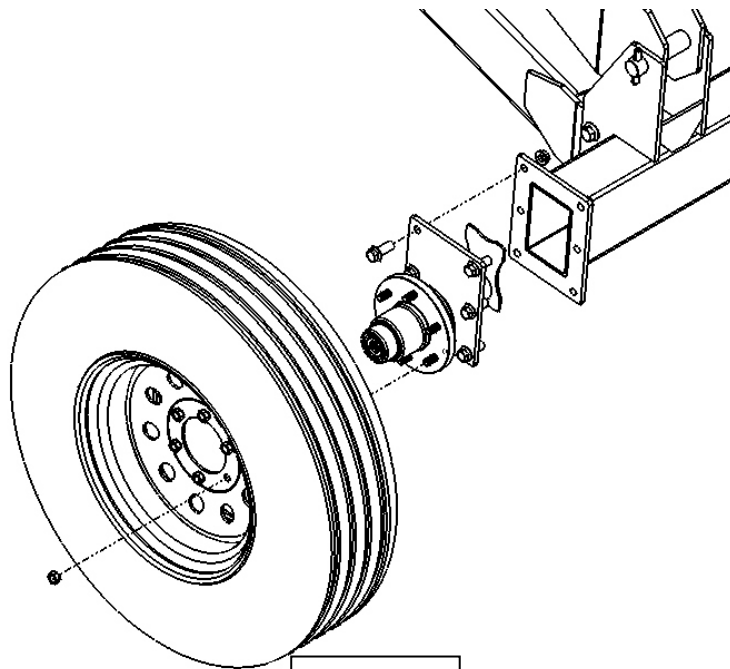
### **Step 37**

After connecting both ends of the cylinder, lift the upper scissors & the scissor arms up. Place a board under the cylinder mount tube and set the upper scissors back down resting it on the board. This will stabilize the carriage assembly for the next step.



### **Step 38**

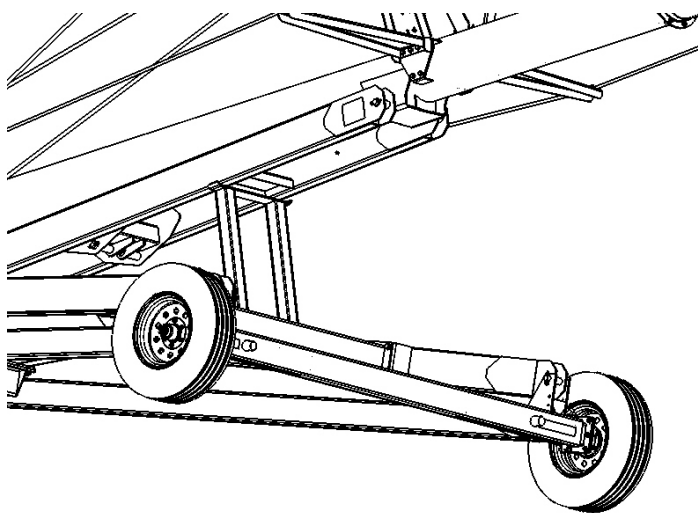
Next, lift one side of the axle off the ground. Locate the 2 hub assemblies & 2 wheels. Attach the hub to the axle using (6) 1/2" x 1-1/2" hex flange bolts & flange nuts. Tighten these bolts. Mount the wheel on to the hub and secure using (6) 1/2" lug nuts. Tighten lug nuts to 90 ft/lbs of torque evenly using a "star" pattern. Repeat this step to assemble the hub & wheel on the other side.



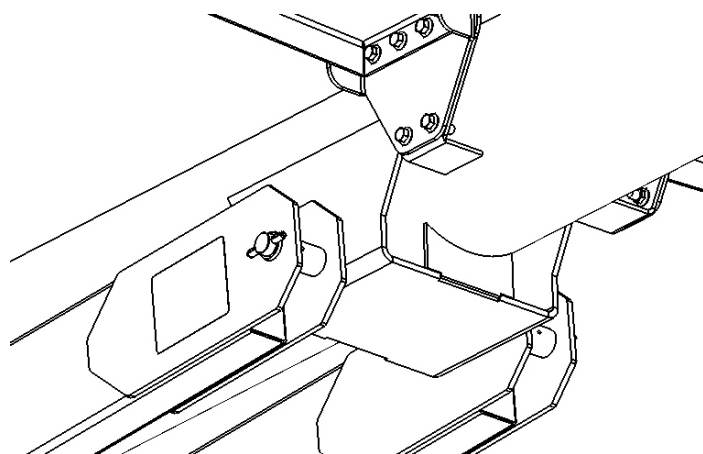
**Fig. 38.1**

### **Step 39 (Carriage To Tube Assembly)**

Lift the tubes using a lifting strap. Lift auger so that the carriage mount bracket on the bottom of the 2<sup>nd</sup> tube is slipped between the upper scissor arms. Align the holes in the scissor arm & the mount bracket using a punch. When holes are align, mount tubes to the carriage using a 1-1/4" x 23" pin. Secure the pin through the upper scissors with (2) 3/8" x 3" roll pins. Release lifting strap and move to the front of the carriage.



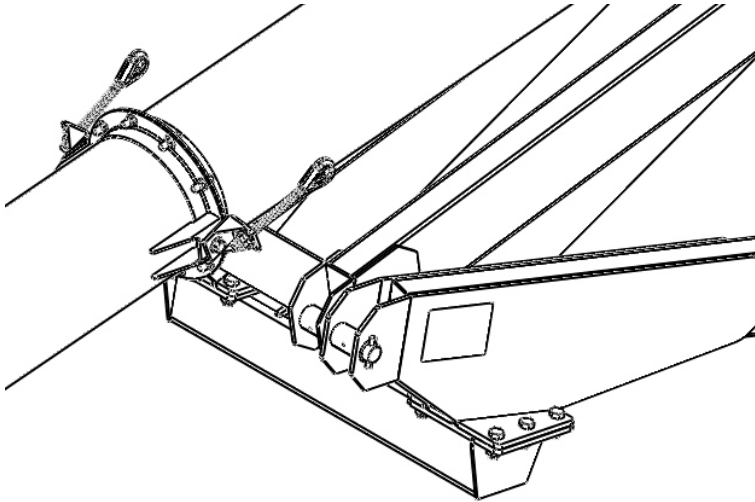
**Fig. 39.1**



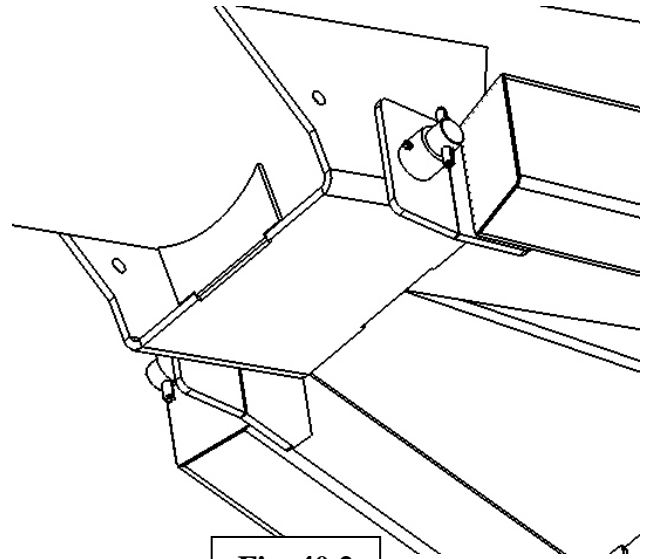
**Fig. 39.2**

### **Step 40**

Using a lifting strap, lift the scissor hinge part of the carriage up to the auger tube. Lift carriage up within approximately 1/4" of the auger tubes. Be sure to keep the discharge end the auger supported at this time. Lift both carriage arms up and attach to the lower carriage mount bracket using a 1-1/4" x 19-3/8" pin. Secure the pin through the bracket with (2) 3/8" x 3" roll pins. Next move to the carriage arm spacer plate & tighten the (4) 3/8" x 1" flange bolts & flange nuts.



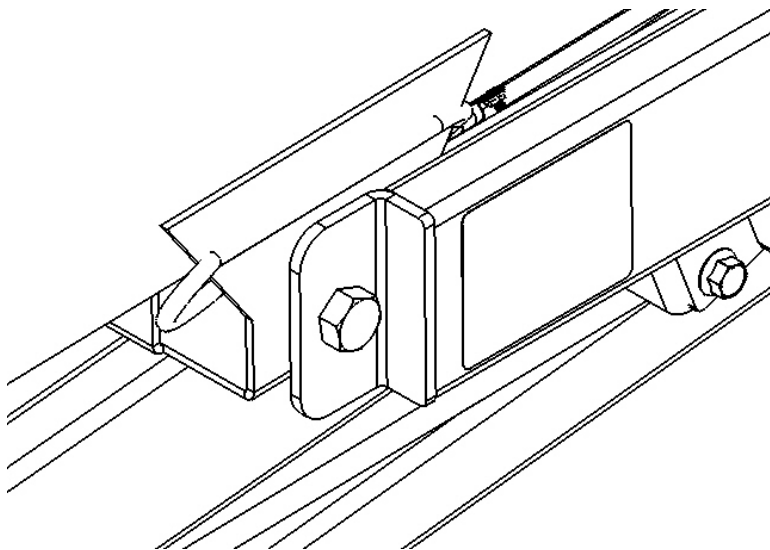
**Fig. 40.1**



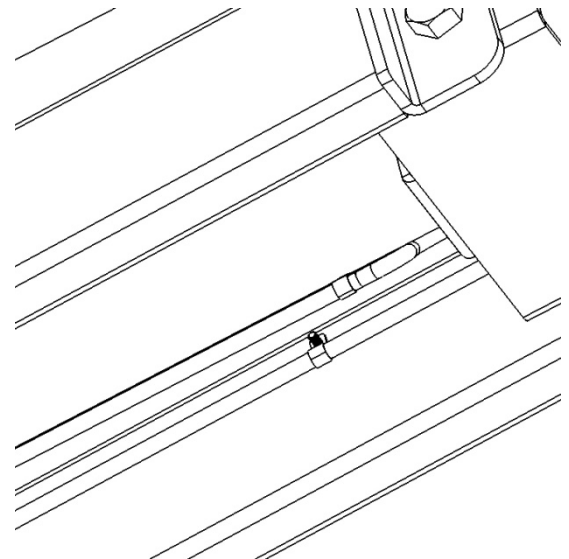
**Fig. 40.2**

### **Step 41**

Route the hydraulic hose attached to the tube up and around the upper scissors and back through the carriage mount bracket on the tube. (Fig. 41.1) Mount the hydraulic hose to the inner part of the upper scissors using (2) 1/2" hose "P" clamps & 1/4" flange nuts as shown in fig. 41.2.



**Fig. 41.1**



**Fig. 41.2**



## Step 42

Now, go through the carriage and insert 1/4" grease zerks into all bushing. (See pictures below)

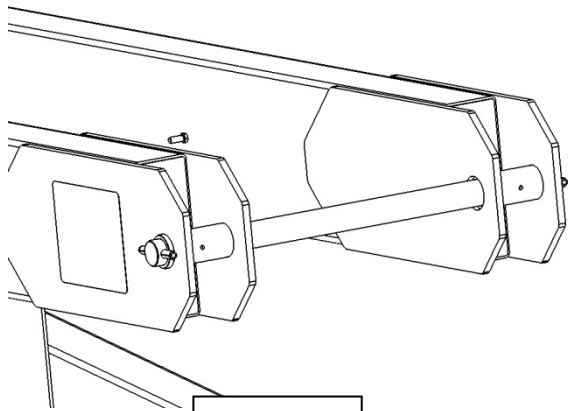


Fig. 42.1

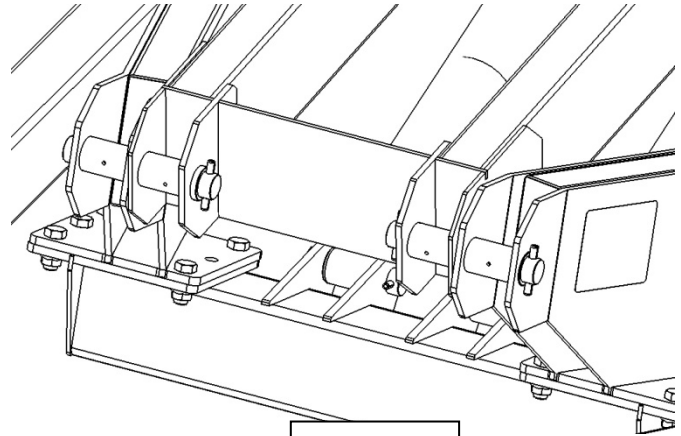


Fig. 42.2

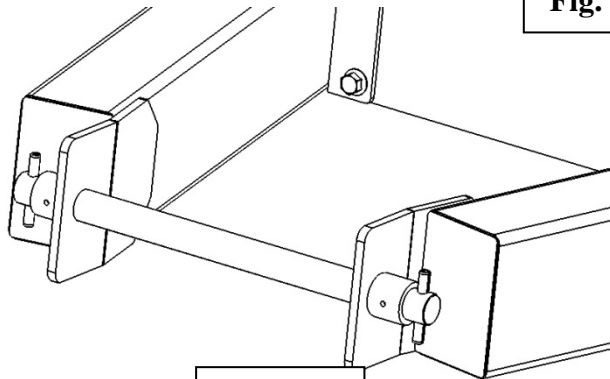


Fig. 42.3

## Step 43 (Hydraulic Hose Assembly)

First remove the plug from the top or the bore end of the cylinders. Identify the velocity fuse. Install velocity fuse into both cylinder as shown in fig. 43.1. Next, install the "T" fitting on one cylinder and the 90 degree elbow on the other. Connect the two fittings together with the short hydraulic hose. Next, connect the long hose end to the other end of the "T" fitting. The cylinders should be assembled as shown in Fig. 43.2.

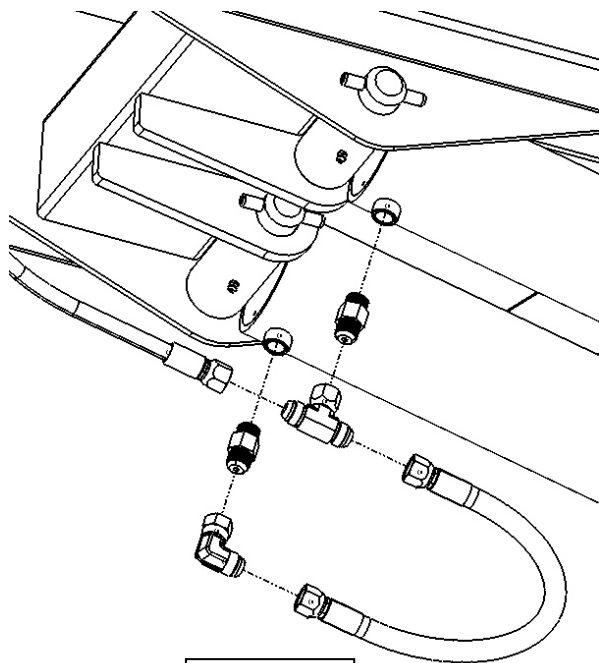


Fig. 43.1

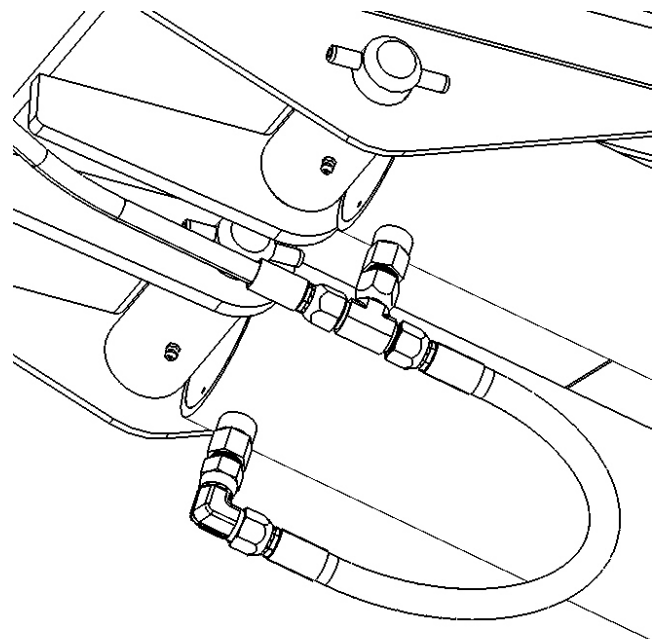
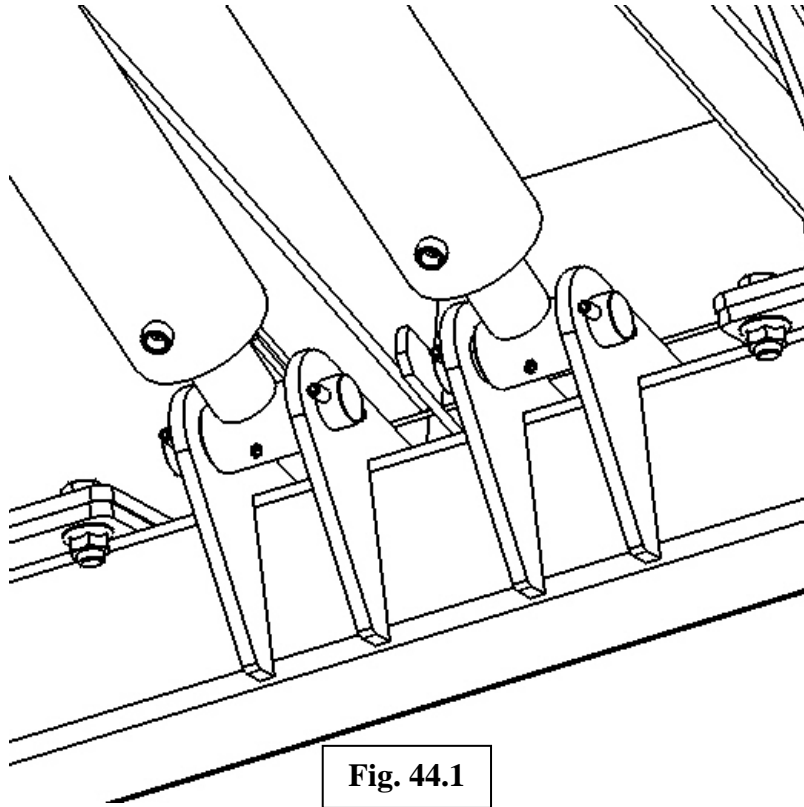


Fig. 43.2

#### **Step 44**

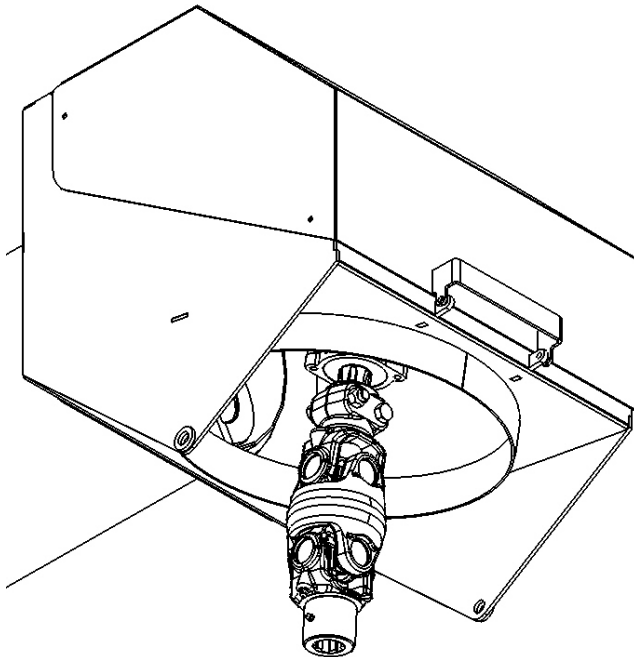
Locate the brass breathers. Install both brass breather on the lower or rod end of the cylinders. Once the brass breathers are installed tighten breather.



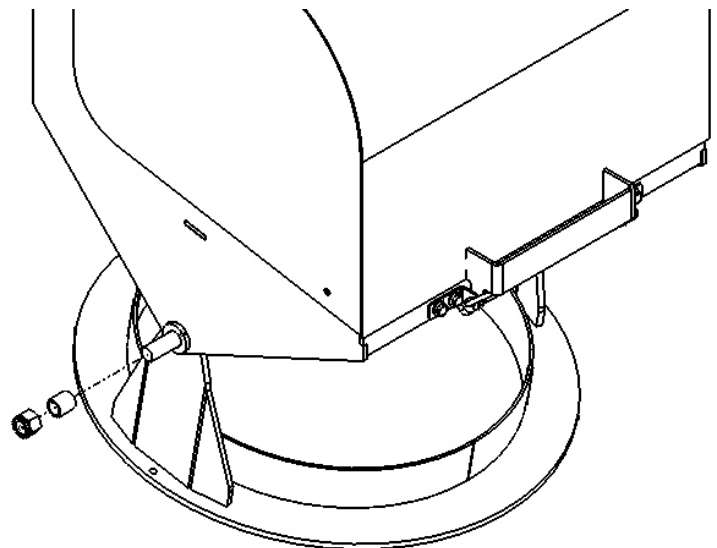
**Fig. 44.1**

#### **Step 45 (Swing Tube & Hopper Installation)**

Install the swing hopper knuckle (30439) on to the swing tube gearbox. Next, install the swing hopper swivel ring on the discharge head of the swing tube. Install using (2) 1/2" x 2" carriage bolts, spacer bushings (13262), & 1/2" lock nuts. Be sure the bushing fits inside of hole in discharge head.



**Fig. 45.1**



**Fig. 45.2**

## Step 46

Next, install the flexible hose seal (13226) on to the ring and head as shown in fig. 46.1. Secure on the hose to the head and the ring with (2) hose clamps (13145). Locate the swing tube hold down plates (13195). Place swing tube on infeed housing being sure to align the swing tube knuckle and infeed gearbox. Secure the swing tube to the infeed using (8) 3/8" x 1-1/4" hex flange bolts, 3/8" washers & flange nuts. Tighten all 8 fasteners.

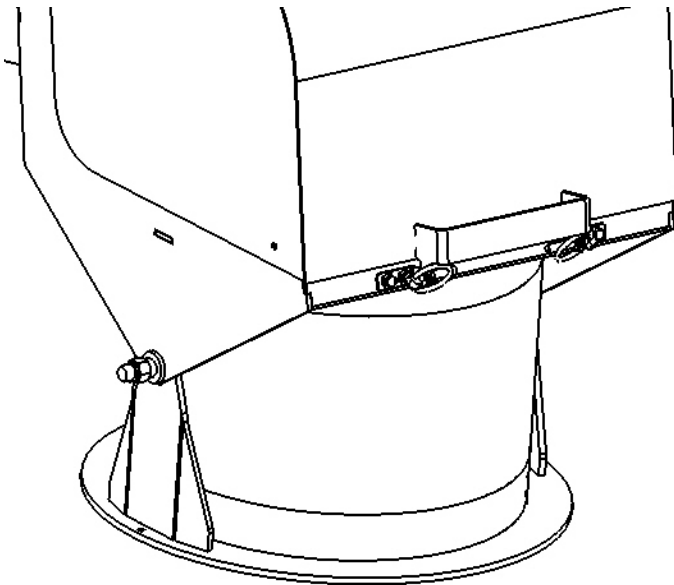


Fig. 46.1

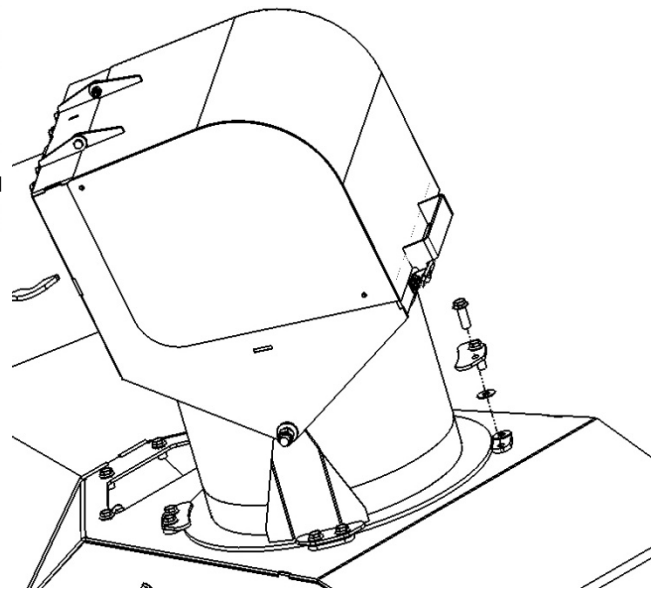


Fig. 46.2

## Step 47

Next the wheel will be installed on the swing hopper. First, locate the 4 hopper tires (30104), 4 clevis pins, 4 spacer tubes (10186) & 4 lynch pins. Place the spacer tube through the first hole in the outside of the swing hopper. Slide the clevis pin through the tire and the spacer making sure the offset part of the rim is facing in towards the swing hopper as shown in fig. 47.1. Secure the spacer, tire, & clevis pin by placing a 3/16" lynch pin through the end of the clevis pin. Repeat for all 4 hopper tires. (For more ground clearance install the tire in the bottom hole.)

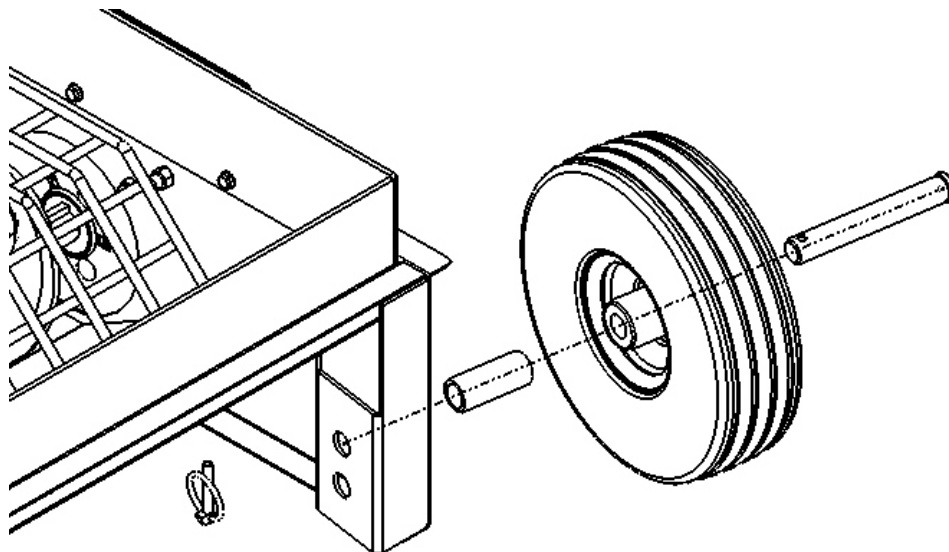
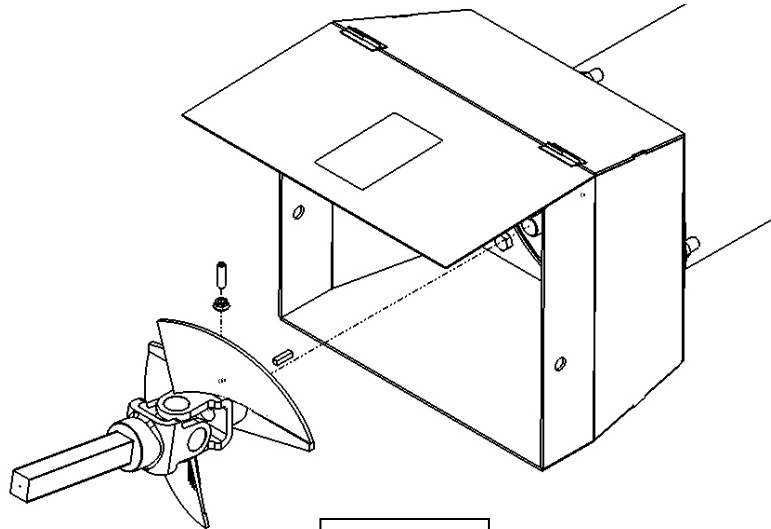


Fig. 47.1

### **Step 48**

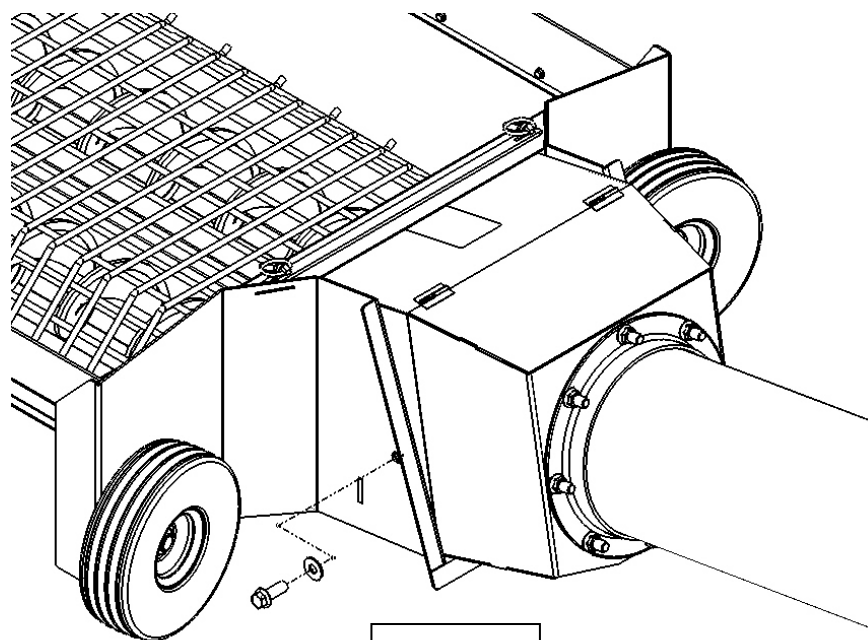
Next, install the upper transition flighting (30883) on the lower drive shaft attached to the swing tube flighting. To do this, slide a 1/4" x 1" square key into key way on swing tube flighting shaft. Slide upper transition flighting onto shaft aligning the key and keyway. To secure the transition flighting thread the set screw that is 5/16" x 1-1/4" into hole on knuckle (Fig. 48.1). After set screw is tightened, thread a 5/16" flange nut onto set screw and tighten to lock set screw in place.



**Fig. 48.1**

### **Step 49**

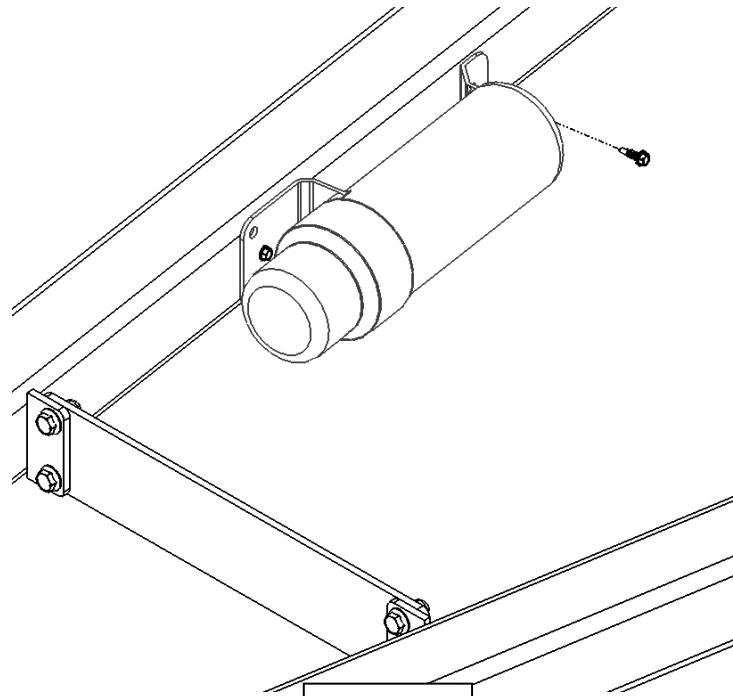
Next, install the swing hopper onto the swing tube. Slide the hopper transition onto the swing tube while inserting the square shaft of the upper transition flighting into the square tube on the lower transition flighting. Align the holes in the hopper and swing tube with a punch. With the access door open secure the hopper to the swing tube using (2) 5/8" x 1-1/2" flange bolts, (4) 5/8" washers, & (2) 5/8" top lock nuts. The washer will go between the bolt and the hopper & the nut and swing tube respectively.



**Fig. 49.1**

### **Step 50**

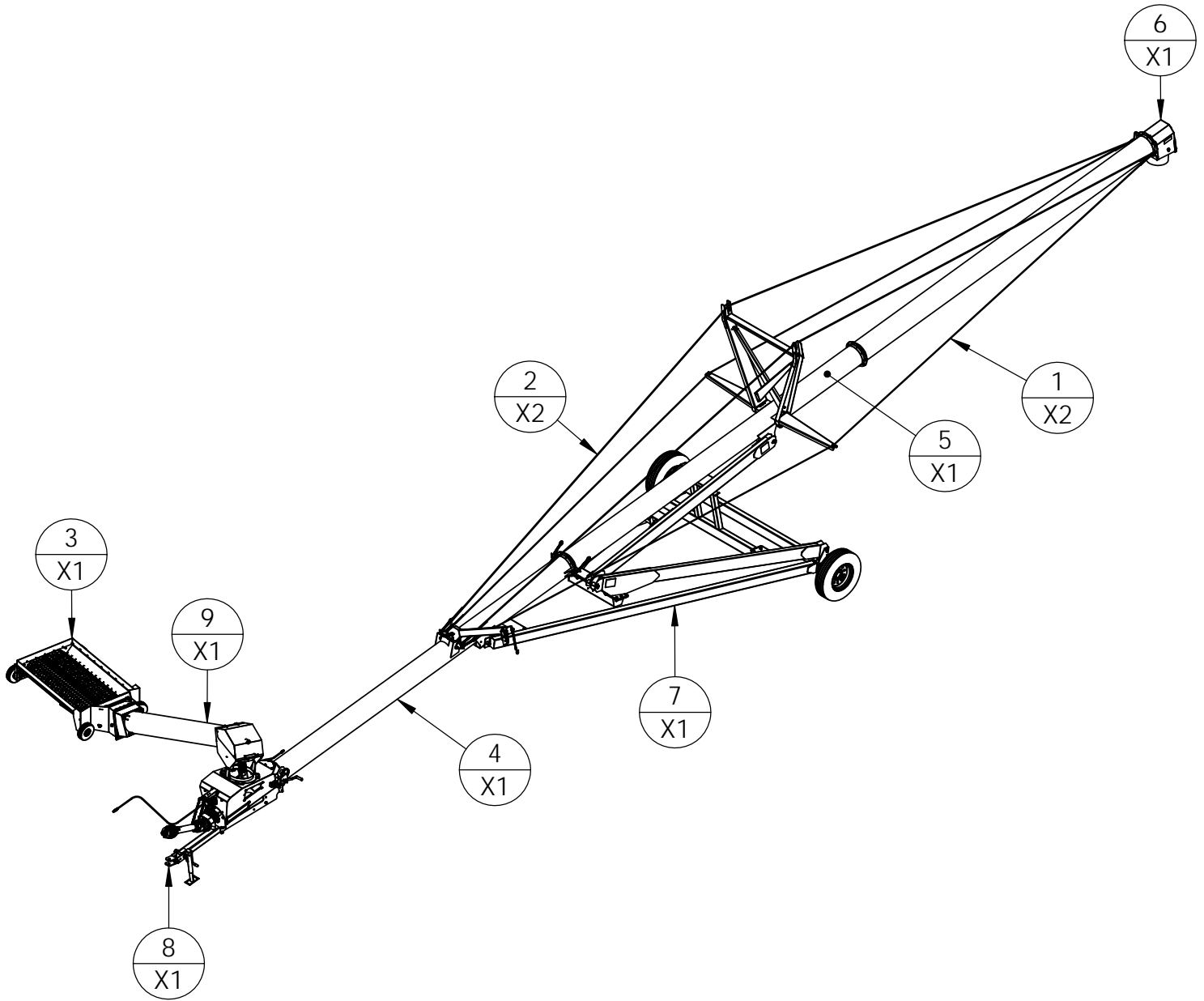
Next, install the manual canister. Mount the manual canister approximately 2 feet down the carriage arms below the carriage are spacer bracket. Secure to the tube using (2) #12 x 3/4" self tapping screws. Note that they canister lid will have to be removed to install 1 of the screws. After installation, reattach the canister lid.



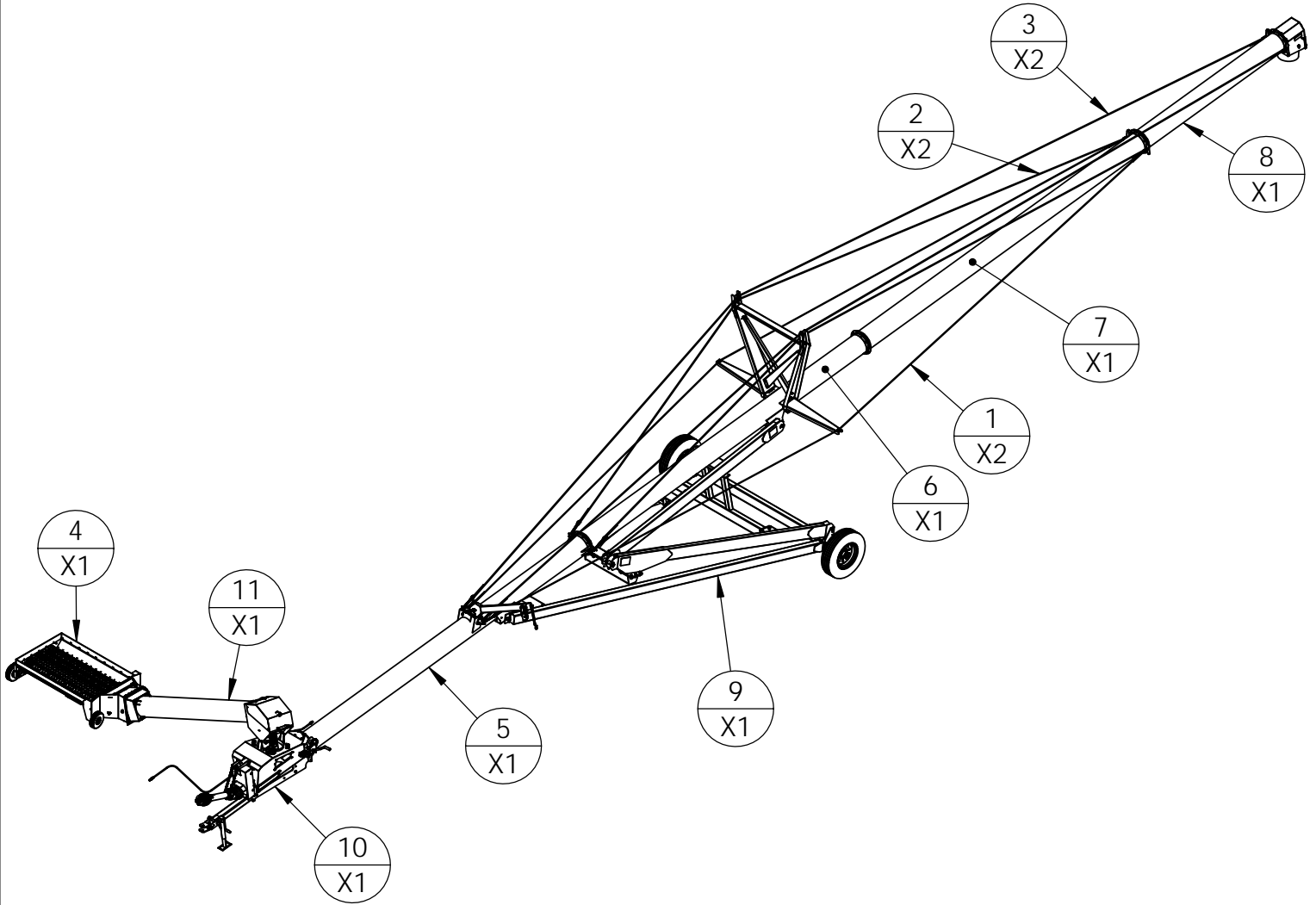
**Fig. 50.1**

**This will complete the assembly for your Harvest International H1364XT, H134XT or H1384XT grain auger.**

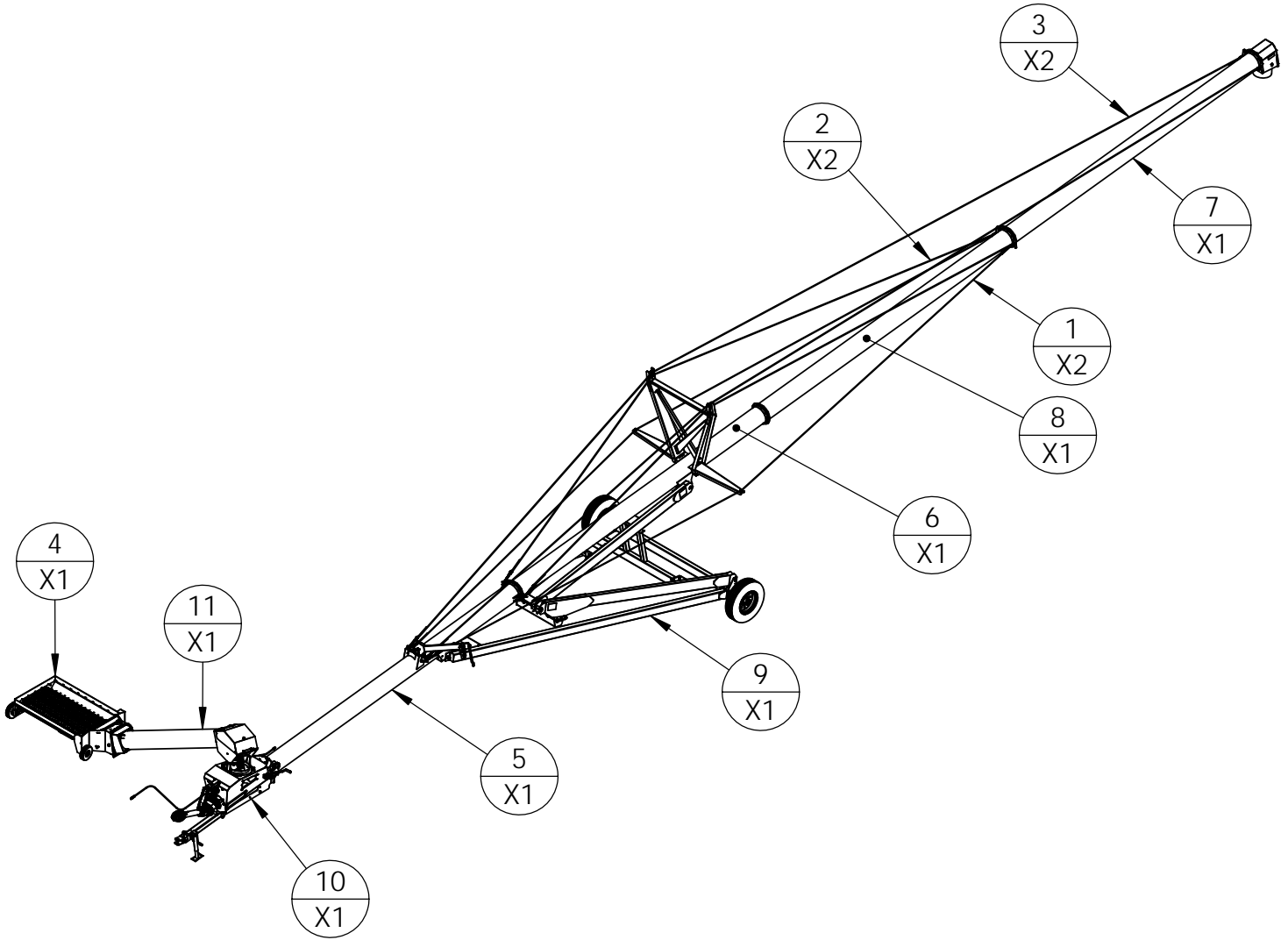
**For additional part numbers, information, & overall views please refer to the parts book drawings located at the end of this assembly manual or log onto [www.harvestauger.com](http://www.harvestauger.com).**



ITEM NO.	PART NO.	DESCRIPTION	QTY
1	13164	CABLE, TRUSS, 3/8" X 51FT, H1064XT, H13XT	1
2	13231	CABLE, TRUSS, 1/2" X 50FT, H1364XT	1
3	PBH13014	HOPPER ASM, SWING, H13XX	1
4	PBXT13001	TUBE ASM, 1ST, H13XT	1
5	PBXT13002	TUBE ASM, 2ND, H13XT	1
6	PBXT13003	TUBE ASM, DISCHARGE, H1364XT & H1384XT	1
7	PBXT13009	CARRIAGE ASM, H13XT	1
8	PBXT13010	INFEED ASM, H13XT	1
9	PBXT13011	SWING TUBE ASM, H13XT	1



ITEM NO.	PART NO.	DESCRIPTION	QTY
1	13164	CABLE, TRUSS, 3/8" X 51FT, H1064XT, H13XT	2
2	13232	CABLE, TRUSS, 1/2" X 43FT, H1374XT & H1384XT	2
3	13233	CABLE, TRUSS, 1/2" X 60FT, H1374XT	2
4	PBH13014	HOPPER ASM, SWING, H13XX	1
5	PBXT13001	TUBE ASM, 1ST, H13XT	1
6	PBXT13002	TUBE ASM, 2ND, H13XT	1
7	PBXT13004	TUBE ASM, 3RD, H1374XT & H1384XT	1
8	PBXT13005	TUBE ASM, DISCHARGE, H1374XT	1
9	PBXT13009	CARRIAGE ASM, H13XT	1
10	PBXT13010	INFEED ASM, H13XT	1
11	PBXT13011	SWING TUBE ASM, H13XT	1

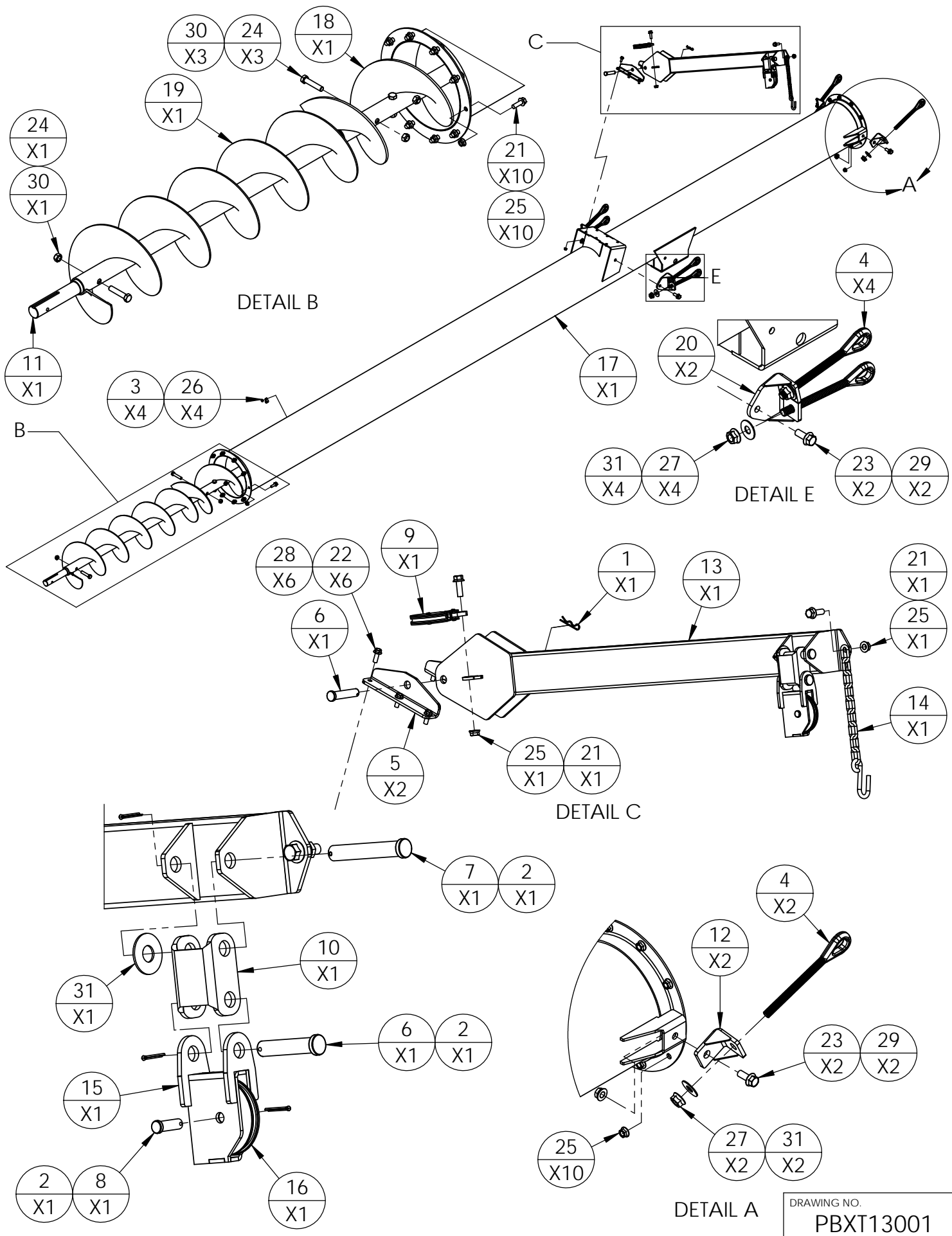


ITEM NO.	PART NO.	DESCRIPTION	QTY
1	13164	CABLE, TRUSS, 3/8" X 51FT, H1064XT, H13XT	2
2	13232	CABLE, TRUSS, 1/2" X 43FT, H1374XT & H1384XT	2
3	13234	CABLE, TRUSS, 1/2" X 70FT, H1384XT	2
4	PBH13014	HOPPER ASM, SWING, H13XX	1
5	PBXT13001	TUBE ASM, 1ST, H13XT	1
6	PBXT13002	TUBE ASM, 2ND, H13XT	1
7	PBXT13003	TUBE ASM, DISCHARGE, H1364XT & H1384XT	1
8	PBXT13004	TUBE ASM, 3RD, H1374XT & H1384XT	1
9	PBXT13009	CARRIAGE ASM, H13XT	1
10	PBXT13010	INFEED ASM, H13XT	1
11	PBXT13011	SWING TUBE ASM, H13XT	1



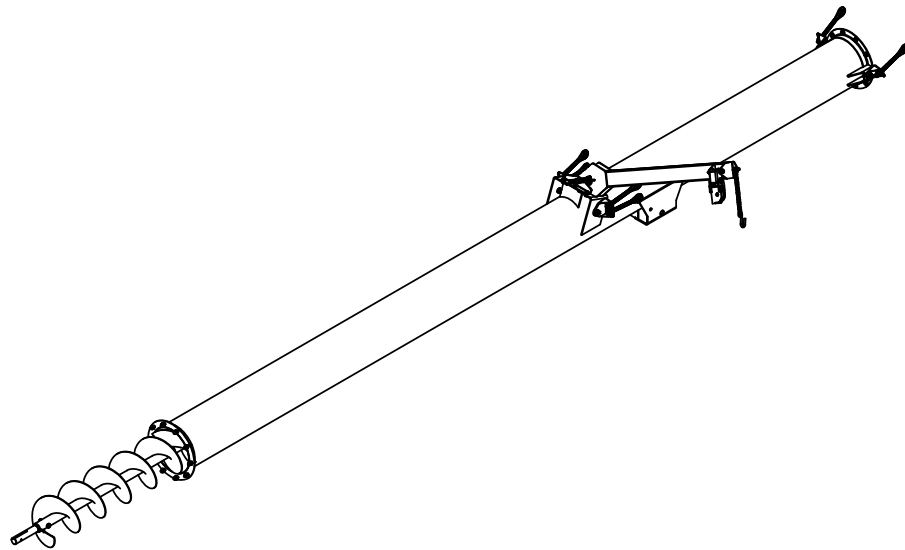
REV	AUGER MODEL(S)
-	H1364XT, H1374XT, & H1384XT

PART/ASSEMBLY DESCRIPTION  
TUBE ASM, 1ST, H13XT



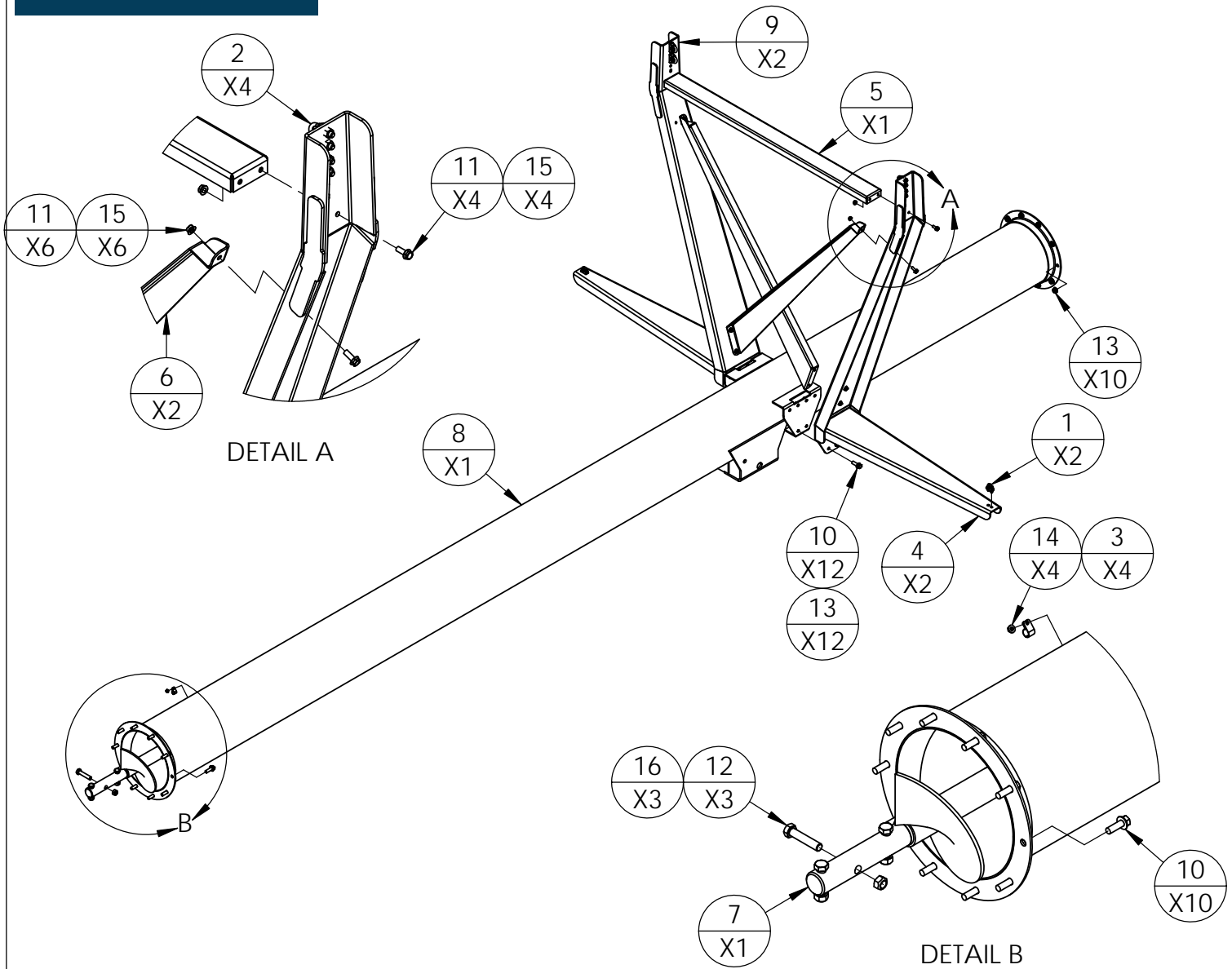
DRAWING NO.  
PBXT13001

REV -	AUGER MODEL(S) H1364XT, H1374XT, & H1384XT	PART/ASSEMBLY DESCRIPTION TUBE ASM, 1ST, H13XT
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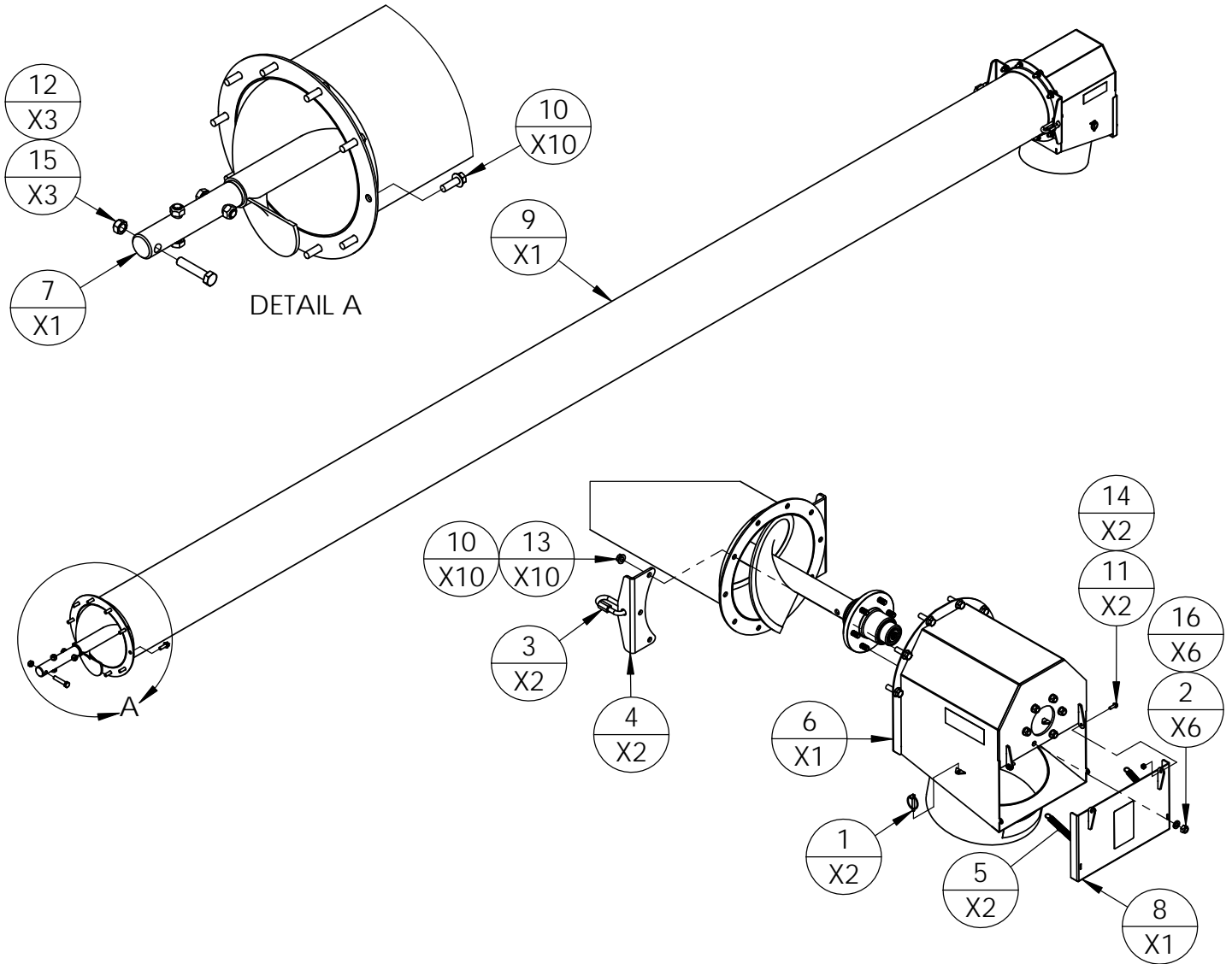


ITEM NO.	PART NO.	DESCRIPTION	QTY
1	10381	HAIRPIN, .093 X 1.625	1
2	10426	PIN, COTTER, .125"x1.5"	3
3	10588A	5/8", OD CLAMP, GALV. VINYL, HYD HOSE RETAIN	4
4	10652	I-BOLT, FORGED 3/4" RIGHT HAND	6
5	10676	BRACKET, HOPPER TRANSPORT ARM MNT. H13XX	2
6	10970	PIN, CLEVIS, HOPPER TRANSPORT SUPPORT	2
7	11036	PIN, CLEVIS, TRANSPORT PULLEY SUPPORT, INNER	1
8	11038	PIN, CLEVIS, 1/2X1-1/2", PULLEY SUPPORT	1
9	11040	PULLEY, LOWER, SWING HOPPER TRANSPORT SUPPORT	1
10	12071	BRACKET, PULLEY SUPPORT, H13XX	1
11	13197	SHAFT, INFEED FLIGHTING, H13XT	1
12	30420	BRACKET ASSEMBLY, TRUSS MOUNT, H13XX	2
13	30428D	ARM ASM, HOPPER TRANSPORT, H13XX	1
14	30477	CHAIN, SAFETY, SWING HOPPER SUPPORT, H13XX	1
15	30780	PULLEY HOUSING ASSY, HOPPER TRANSPORT	1
16	30783	PULLEY & BRASS BUSHING ASSY, HOPPER TRANSPORT	1
17	31956	TUBE ASM, INFEED, H13XT	1
18	31957	FLIGHTING SECTION ASM, INFEED, H13XT	1
19	31958	FLIGHTING, INFEED STAGE 1, H13XX	1
20	31972	BRACKET ASM, TRUSS ADJUST, DUAL, 13"	2
21	40005	BOLT, 1/2-13UNC X 1-1/2" HEX FLANGE, GRD 5, ZINC	12
22	40025	BOLT, 3/8-16UNC X 1" HEX FLANGE, GRD 5, ZINC	6
23	40041	BOLT, 5/8-11UNC X 1-1/2" HEX FLANGE, GRD 5, ZINC	4
24	40043	BOLT, 5/8-11UNC X 3" HEX, GR5, ZINC	4
25	40047	NUT, 1/2-13UNC, HEX FLANGE, GRD 5, ZINC	22
26	40049	NUT, 1/4-20UNC, HEX FLANGE, GRD 5, ZINC	4
27	40053	NUT, 3/4-10UNC, HEX FLANGE, GRD 5, ZINC	6
28	40056	NUT, 3/8-16UNC, HEX FLANGE, GRD 5, ZINC	6
29	40061	NUT, 5/8-11UNC, HEX FLANGE, GRD 5, ZINC	4
30	40062	NUT, 5/8-11UNC, HEX, TOPLOCK, ZINC	4
31	40068	WASHER, FLAT, 3/4", ZINC	7

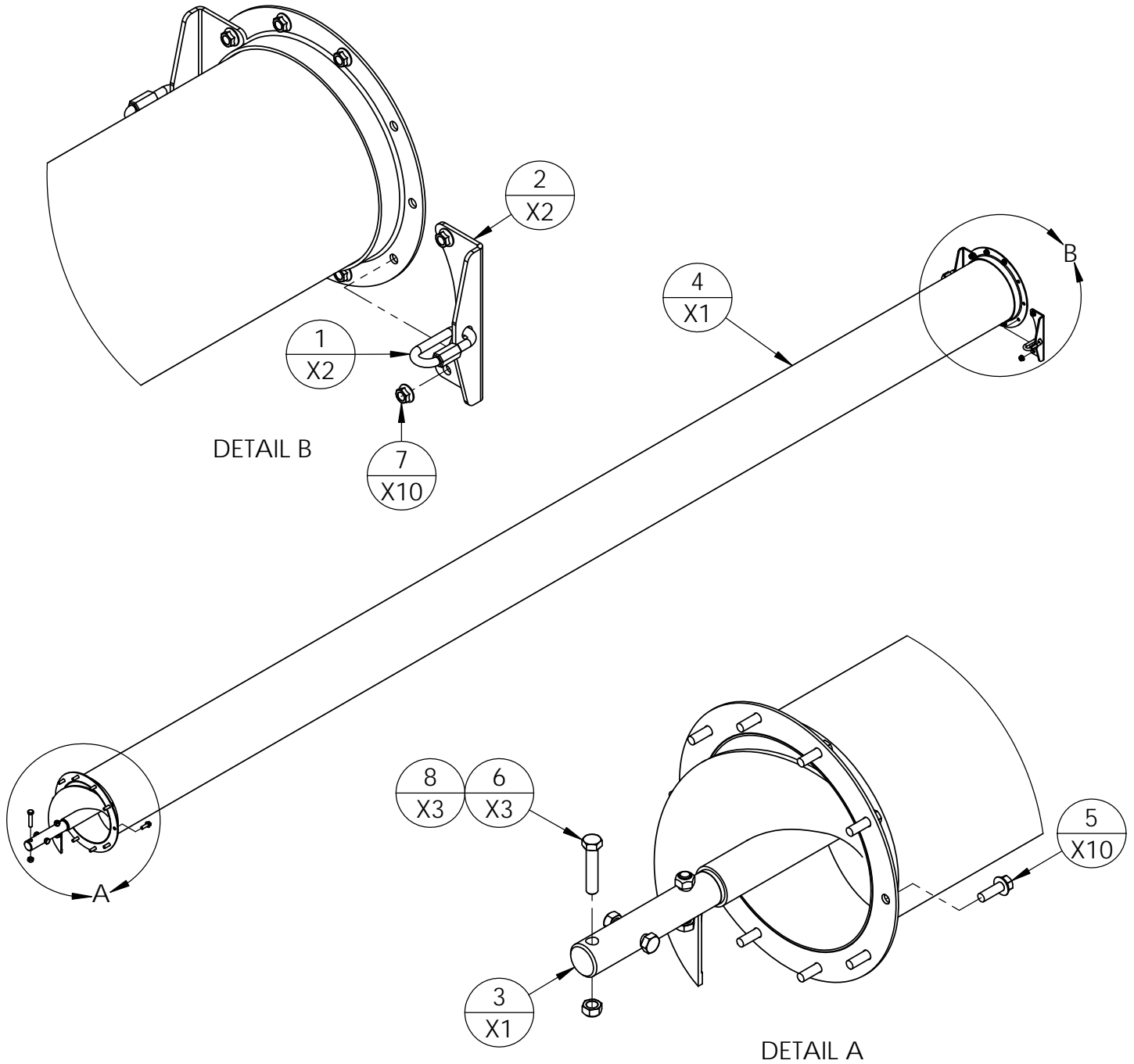
DRAWING NO.  
PBXT13001



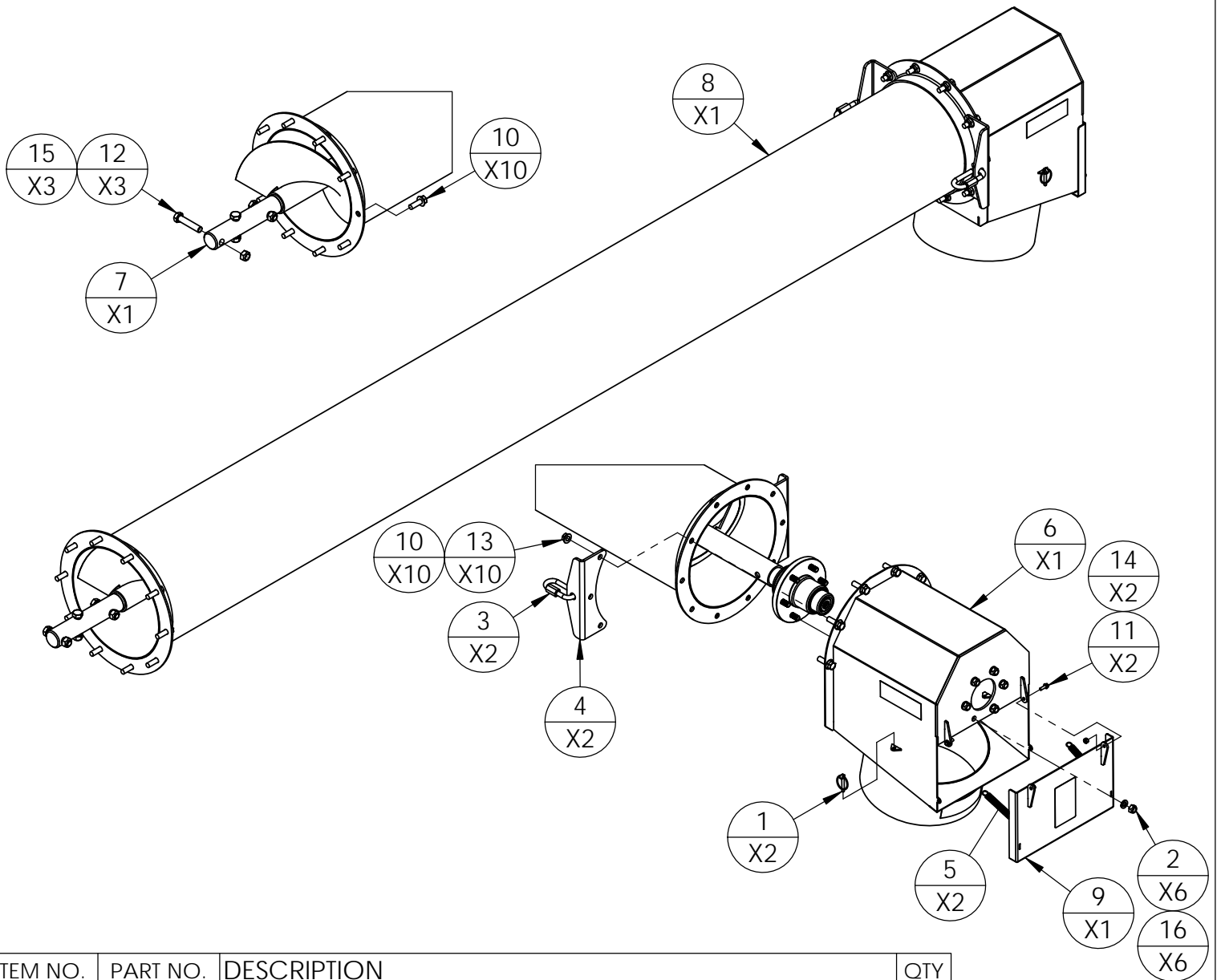
ITEM NO.	PART NO.	DESCRIPTION	QTY
1	10303	CLAMP, 3/8" CABLE, ZINC	2
2	10367	CLAMP, CABLE, 1/2" ZINC PLATED	4
3	10588A	5/8", OD CLAMP, GALV. VINYL, HYD HOSE RETAIN	4
4	13221	CABLE SUPPORT, SIDE, H13XT	2
5	13223	TRUSS, CROSS, LARGE, H13XT	1
6	13224	BRACKET, X-BRACE, CENTER, H13XT	2
7	30430	FLIGHTING SECTION ASM, REGULAR, H13XX	1
8	31959	TUBE ASM, 2ND, H13XT	1
9	31971	WELDMENT, TRUSS, UPRIGHT, H13XT	2
10	40005	BOLT, 1/2-13UNC X 1-1/2" HEX FLANGE, GRD 5, ZINC	22
11	40025	BOLT, 3/8-16UNC X 1" HEX FLANGE, GRD 5, ZINC	10
12	40043	BOLT, 5/8-11UNC X 3" HEX, GR5, ZINC	3
13	40047	NUT, 1/2-13UNC, HEX FLANGE, GRD 5, ZINC	22
14	40049	NUT, 1/4-20UNC, HEX FLANGE, GRD 5, ZINC	4
15	40056	NUT, 3/8-16UNC, HEX FLANGE, GRD 5, ZINC	10
16	40062	NUT, 5/8-11UNC, HEX, TOPLOCK, ZINC	3



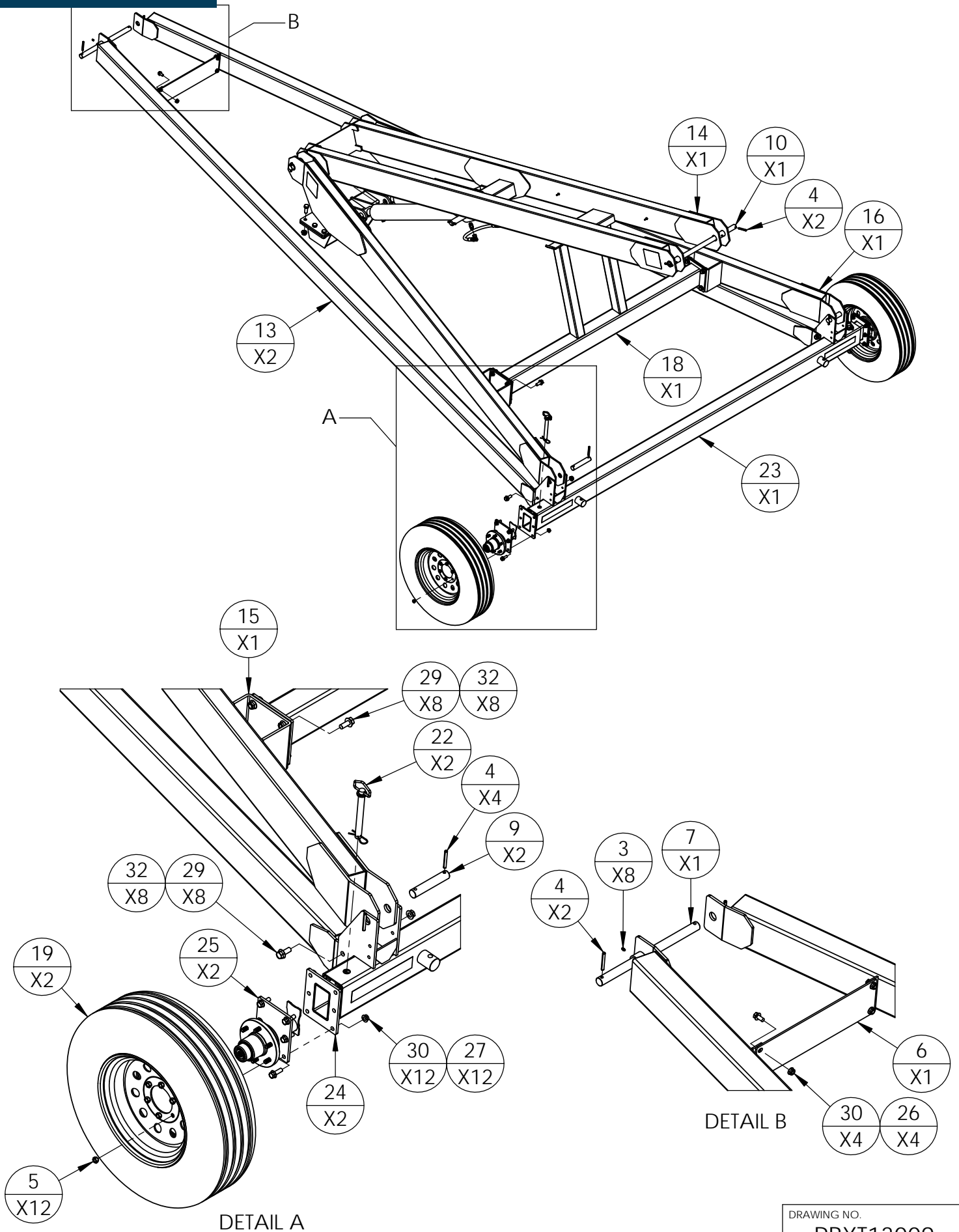
ITEM NO.	PART NO.	DESCRIPTION	QTY
1	10364	LYNCH PIN, 1/4" X 2-1/8"	2
2	10434	NUT, 1/2-20, 60 DEGREE LUG NUT, ZINC	6
3	10579	QUICKLINK CHAIN CONNECTOR, 1/2 INCH	2
4	10680	BRACKET, BOLT TRUSS CABLE MOUNT, H13XX	2
5	11357	EXTENSION SPRING	2
6	30419	DISCHARGE HOUSING ASSY, H13	1
7	30436	FLIGHTING ASM, DISCHARGE, H1382 & H13102	1
8	31047	LID ASM, DISCHARGE HOUSING, H13XX	1
9	31960	TUBE ASM, 3RD, H13XT	1
10	40005	BOLT, 1/2-13UNC X 1-1/2" HEX FLANGE, GRD 5, ZINC	20
11	40014	BOLT, 1/4-20UNC X 3/4" HEX FLANGE, GRD 5, ZINC	2
12	40043	BOLT, 5/8-11UNC X 3" HEX, GR5, ZINC	3
13	40047	NUT, 1/2-13UNC, HEX FLANGE, GRD 5, ZINC	10
14	40051	NUT, 1/4-20UNC, HEX, NYLOCK, ZINC	2
15	40062	NUT, 5/8-11UNC, HEX, TOPLOCK, ZINC	3
16	40072	WASHER, LOCK, 1/2" SPLIT, ZINC	6

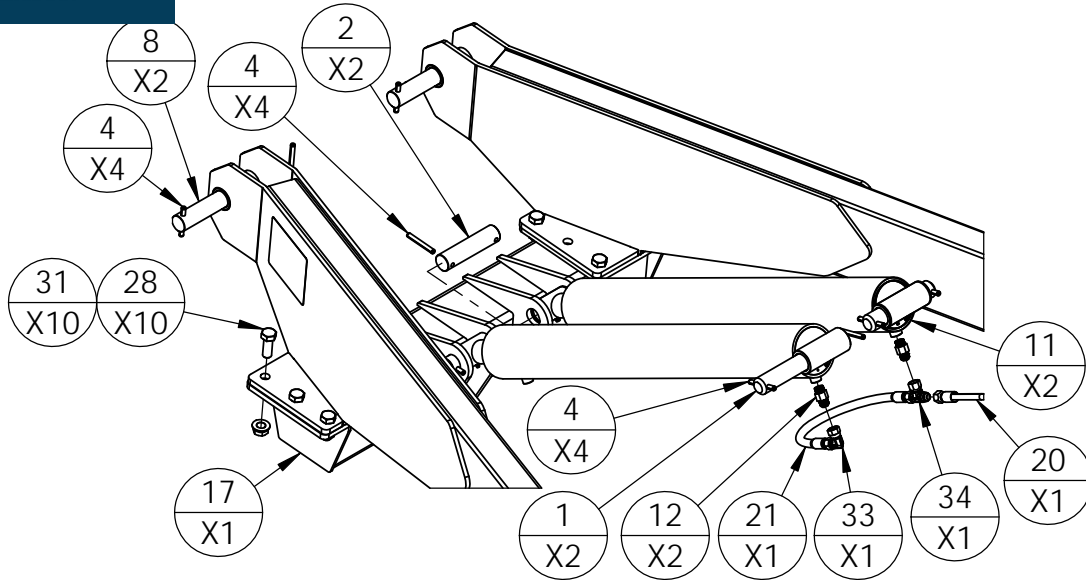


ITEM NO.	PART NO.	DESCRIPTION	QTY
1	10579	QUICKLINK CHAIN CONNECTOR, 1/2 INCH	2
2	10680	BRACKET, BOLT TRUSS CABLE MOUNT, H13XX	2
3	30430	FLIGHTING SECTION ASM, REGULAR, H13XX	1
4	31960	TUBE ASM, 3RD, H13XT	1
5	40005	BOLT, 1/2-13UNC X 1-1/2" HEX FLANGE, GRD 5, ZINC	10
6	40043	BOLT, 5/8-11UNC X 3" HEX, GR5, ZINC	3
7	40047	NUT, 1/2-13UNC, HEX FLANGE, GRD 5, ZINC	10
8	40062	NUT, 5/8-11UNC, HEX, TOPLOCK, ZINC	3



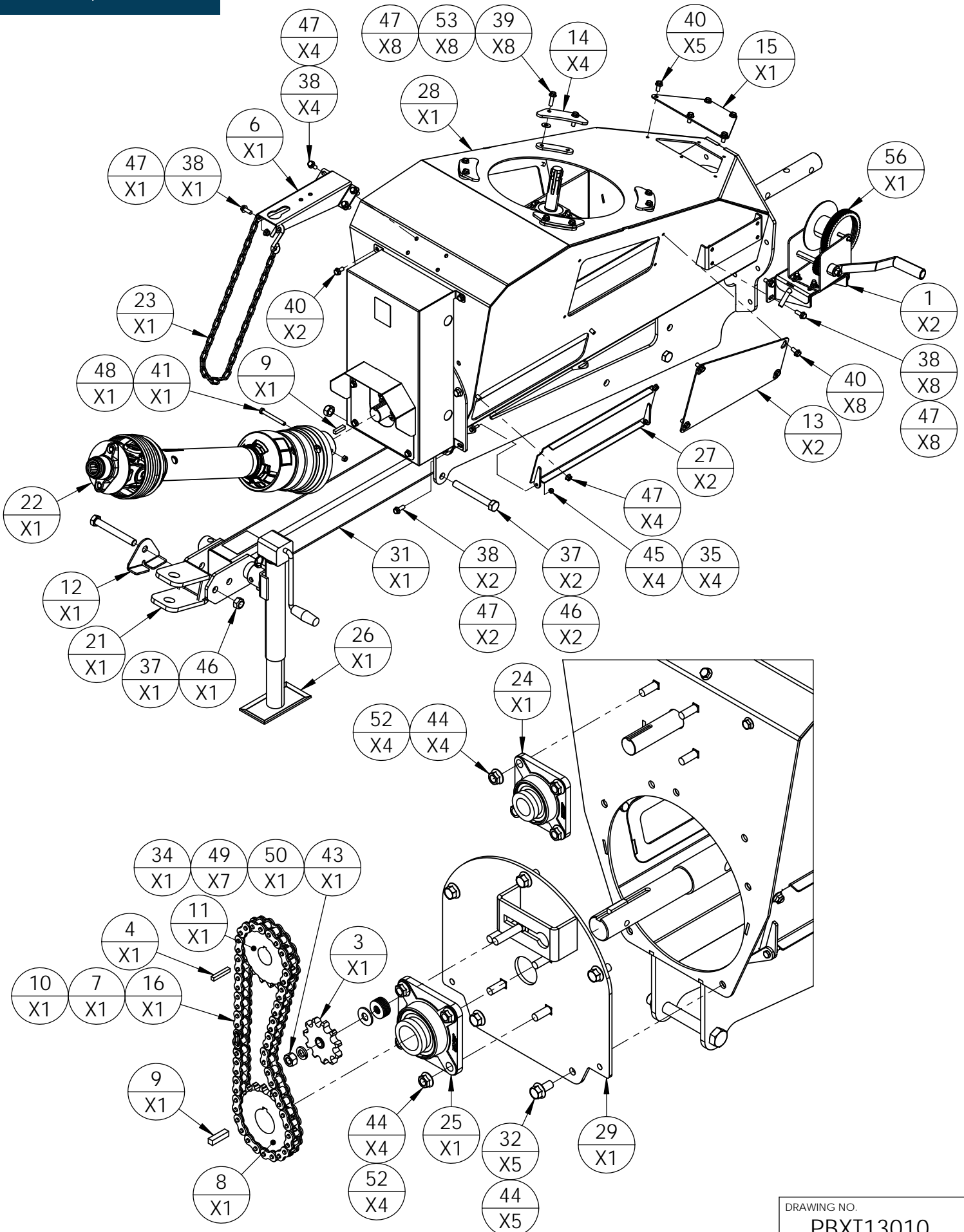
ITEM NO.	PART NO.	DESCRIPTION	QTY
1	10364	LYNCH PIN, 1/4" X 2-1/8"	2
2	10434	NUT, 1/2-20, 60 DEGREE LUG NUT, ZINC	6
3	10579	QUICKLINK CHAIN CONNECTOR, 1/2 INCH	2
4	10680	BRACKET, BOLT TRUSS CABLE MOUNT, H13XX	2
5	11357	EXTENSION SPRING	2
6	30419	DISCHARGE HOUSING ASSY, H13	1
7	30459	FLIGHTING ASM, DISCHARGE, H1372	1
8	30467	TUBE ASM, 10FT, H1372 & H1374XT	1
9	31047	LID ASM, DISCHARGE HOUSING, H13XX	1
10	40005	BOLT, 1/2-13UNC X 1-1/2" HEX FLANGE, GRD 5, ZINC	20
11	40014	BOLT, 1/4-20UNC X 3/4" HEX FLANGE, GRD 5, ZINC	2
12	40043	BOLT, 5/8-11UNC X 3" HEX, GR5, ZINC	3
13	40047	NUT, 1/2-13UNC, HEX FLANGE, GRD 5, ZINC	10
14	40051	NUT, 1/4-20UNC, HEX, NYLOCK, ZINC	2
15	40062	NUT, 5/8-11UNC, HEX, TOPLOCK, ZINC	3
16	40072	WASHER, LOCK, 1/2" SPLIT, ZINC	6

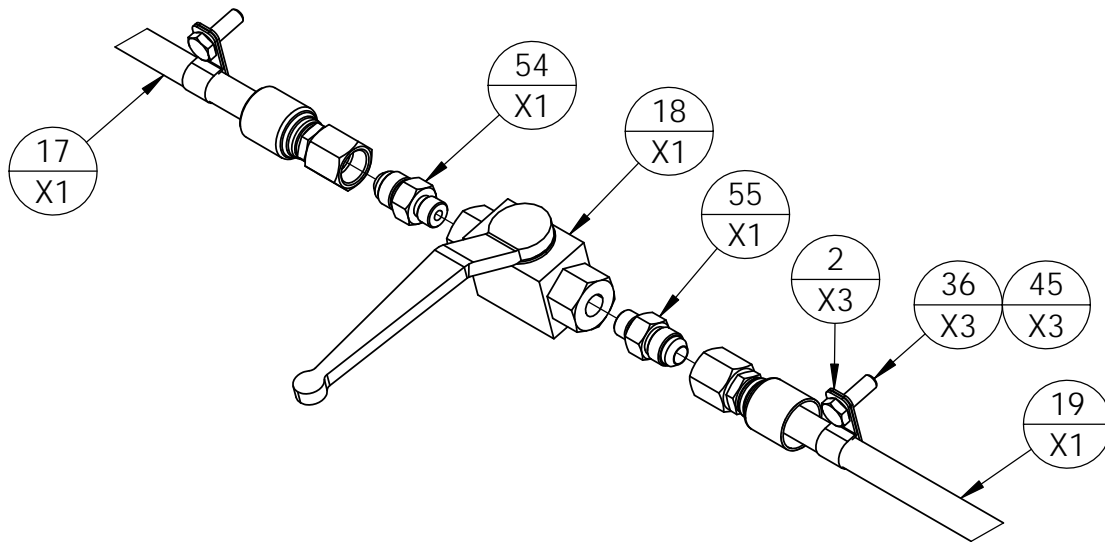
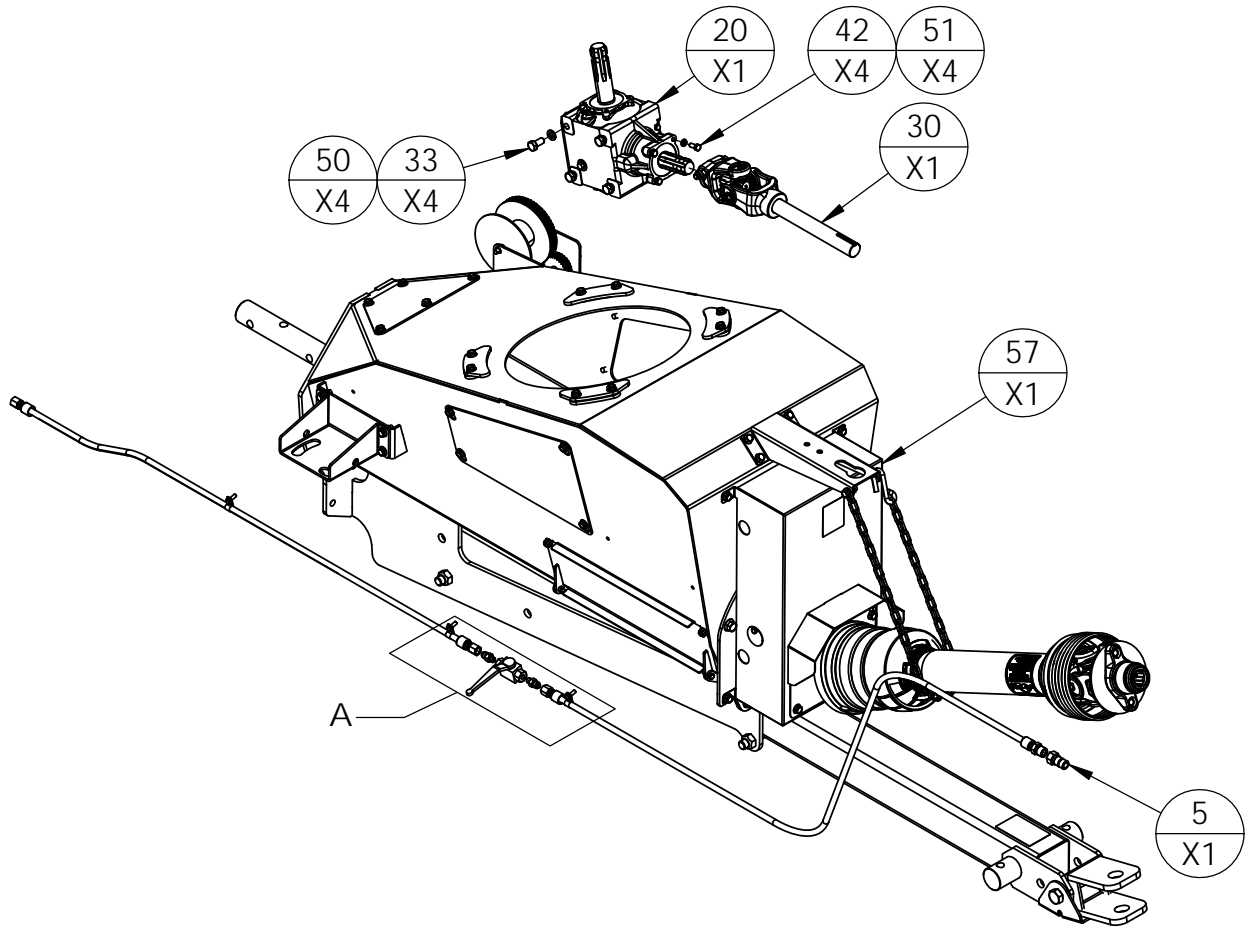




ITEM NO.	PART NO.	DESCRIPTION	QTY
1	10198	PIN, UPPER CYLINDER, H10, 1-1/2 X 7-1/2"	2
2	10199	PIN, LOWER HYDRAULIC CYLINDER	2
3	10245	ZERK, GREASE, 1/4-28UNF, STRAIGHT	8
4	10384	PIN, ROLL, 3/8" X 3" ZINC	20
5	10434	NUT, 1/2-20, 60 DEGREE LUG NUT, ZINC	12
6	10439	PLATE, CROSS MOUNT, CARRIAGE STABILIZER, H13XX	1
7	10574	PIN, CARRIAGE TO TUBE HINGE	1
8	10575	PIN, SCISSOR HINGE, H13XX	2
9	10576	PIN, SCISSOR TO AXLE HINGE, H13XX	2
10	10577	PIN, SCISSOR TO UPPER TUBE, H13XX	1
11	30093	CYLINDER, 4" X 36"	3
12	30097	VELOCITY FUSE	2
13	30411	TUBE ASM, CARRIAGE, H13XX	2
14	30412A	UPPER SCISSORS ASM, H13XX & H13XT	1
15	30413A	LOWER SCISSOR ARM ASM, LEFT, H13XX & H13XT	1
16	30414A	LOWER SCISSOR ARM ASM, RIGHT, H13XX & H13XT	1
17	30415	CYLINDER MNT TUBE, LOWER, H13XX	1
18	30421	TRANSPORT SUPPORT ASM, H13XX & H13XT	1
19	30449	TIRE & RIM, ST235/80R16-E 10PLY DOT RATED	2
20	30456	HOSE ASM, 3/8" X 50FT, H13XX	1
21	30458	HOSE ASM, UPPER CYLINDER, H13XX & H13XT	1
22	30800	PIN, AXLE EXTENSION RETAIN, WITH PIN CLIP	2
23	31961	AXLE ASM, H13XT	1
24	31967	AXLE EXTENSION ASM, H13XT	2
25	31983	HUB & SPINDLE ASM, H13XT	2
26	40001	BOLT, 1/2-13UNC X 1" HEX FLANGE, GRD 5, ZINC	4
27	40005	BOLT, 1/2-13UNC X 1-1/2" HEX FLANGE, GRD 5, ZINC	12
28	40019	BOLT, 3/4-10UNC X 2" HEX, GRD 5, ZINC	10
29	40041	BOLT, 5/8-11UNC X 1-1/2" HEX FLANGE, GRD 5, ZINC	16
30	40047	NUT, 1/2-13UNC, HEX FLANGE, GRD 5, ZINC	16
31	40053	NUT, 3/4-10UNC, HEX FLANGE, GRD 5, ZINC	10
32	40061	NUT, 5/8-11UNC, HEX FLANGE, GRD 5, ZINC	16
33	6500-08-08	ELBOW, #8 JIC MALE X #8 JIC FEMALE SWIVEL	1
34	6600-08-08-08	TEE, #6 JIC MALE X #6 JIC MALE X #6 JIC FEMALE	1

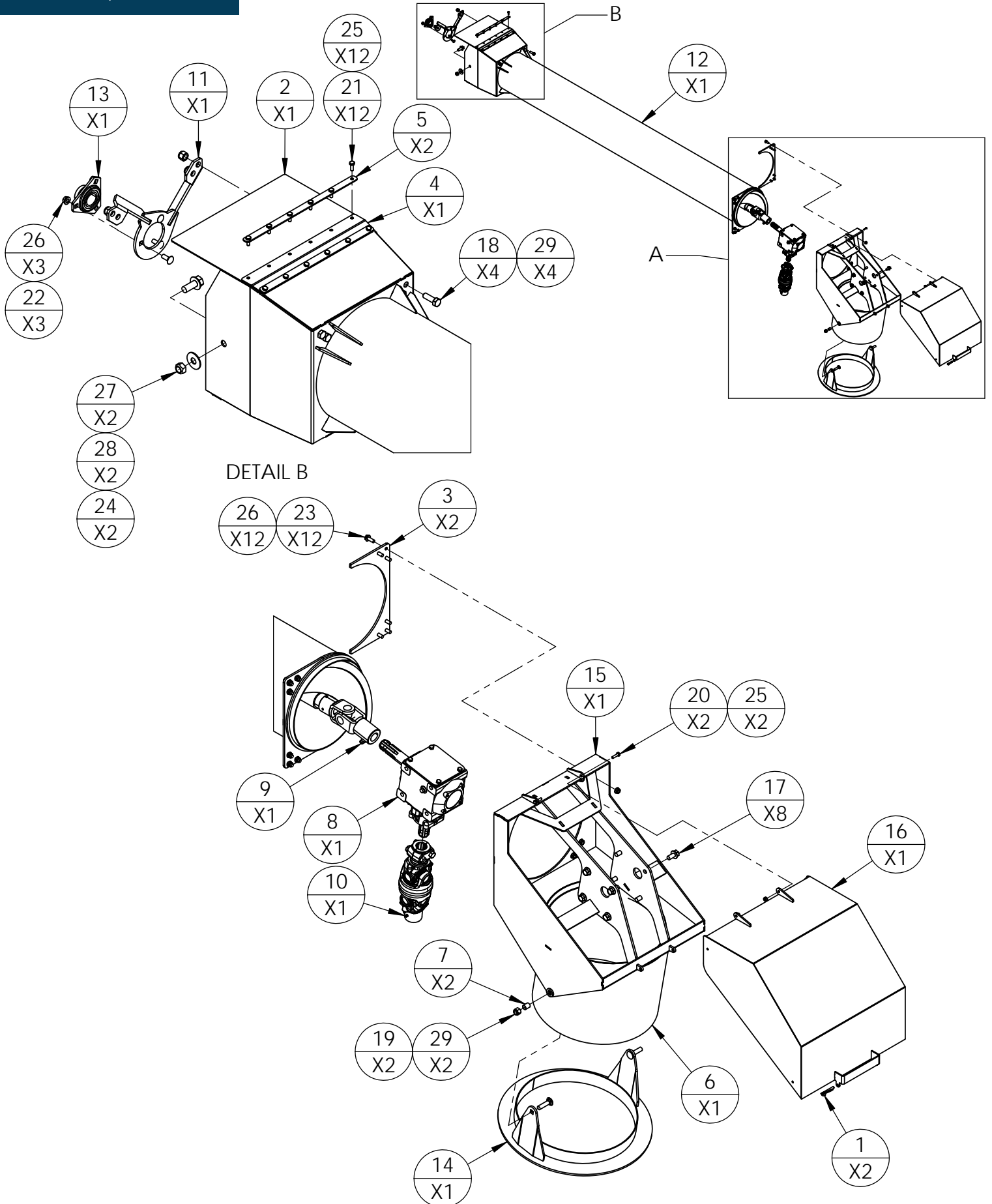






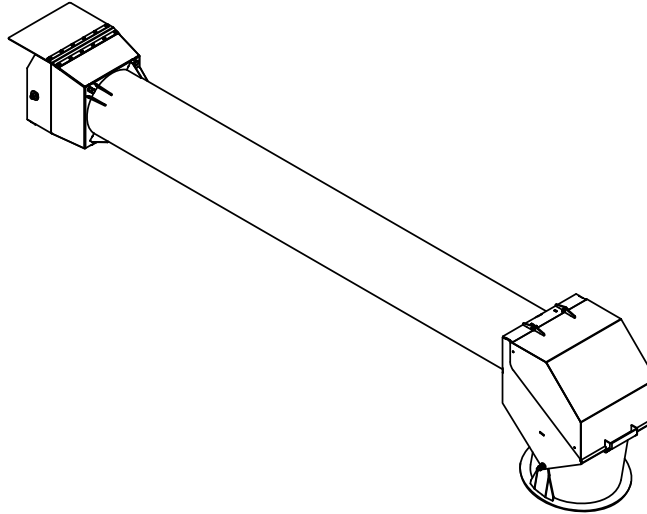
DETAIL A

ITEM NO.	PART NO.	DESCRIPTION	QTY
1	10131B	BRACKET, WINCH MOUNT, BOLT ON	2
2	10151	1/2" CLAMP, GALV, VINYL, HYDRAULIC HOSE RETAIN	3
3	10300	SPROCKET, IDLER, #60, 11 TOOTH, 1/2" BORE	1
4	10309	KEY, 1/4" X 1-1/2"	1
5	10324	1/2 NPT MALE TIP, 1/2" BODYSIZE (8010-4) (PIONEER)	1
6	10526A	BRACKET, PTO SHAFT SUPPORT, H13	1
7	10553	CONNECTOR LINK, #60 ROLLER CHAIN	1
8	10555	SPROCKET, #60 X 20 TOOTH x 1-3/4" BORE	1
9	10578	KEY, 3/8 X 1-1/2", SQUARE	2
10	10824	LINK, HALF, #60 OFFSET	1
11	11052	SPROCKET, #60, 1-1/4" BORE, 18 TOOTH	1
12	11234	BRACKET, CLEVIS POSITION RETAIN, H13	1
13	13192	COVER PLATE, SIDE, INFEED, H13XT	2
14	13195	PLATE, HOLD DOWN, SWIVEL, H13XT	4
15	13241	COVER PLATE, TOP, INFEED, H13XT	1
16	13252	CHAIN, ROLLER, #60 X 44 ROLLERS, INFEED, H10XT	1
17	30094	HOSE ASM, 3/8" X 50FT, H13XX	1
18	30095	VALVE, BALL, 1/4" NPT	1
19	30098	HYD HOSE ASM, 1/4"x72", #6JIC FEMALE - 1/2" NPTF	1
20	30176	GEARBOX, RIGHT ANGLE	1
21	30424A	CLEVIS ASSEMBLY, H13XX	1
22	30440	PTO SHAFT, CAT 6, H13XX	1
23	30476	CHAIN, PTO SUPPORT H13, (38 LINKS + HOOK)	1
24	30552	BEARING, 1-1/4", 4 BOLT CAST, LOCK COLLAR	1
25	30555	BEARING ASSY, 1.75" BORE WITH CAST FLANGE	1
26	30922	JACK. 5000LB SIDE WIND	1
27	31897	CLEAN OUT DOOR ASM, INFEED, HXT	2
28	31950	INFEED HOUSING ASM, H13XT	1
29	31951	FLIGHTING ACCESS ASM, INFEED, H13XT	1
30	31952	KNUCKLE & SHAFT ASM, LOWER GEARBOX, H13XT	1
31	31953	HITCH ASM, INFEED, H13XT	1
32	40001	BOLT, 1/2-13UNC X 1" HEX FLANGE, GRD 5, ZINC	5
33	40002	BOLT, 1/2-13UNC X 1" HEX, GRD 5, ZINC	4
34	40008	BOLT, 1/2-13UNC X 2-1/2" CARRIAGE, GRD 5, ZINC	1
35	40012	BOLT, 1/4-20UNC X 1" HEX, GRD 5, ZINC	4
36	40015	BOLT, 1/4-20UNC X 3/4" HEX, GRD 5, ZINC	3
37	40022	BOLT, 3/4-10UNC X 6 HEX, GRD 5, ZINC	3
38	40025	BOLT, 3/8-16UNC X 1" HEX FLANGE, GRD 5, ZINC	15
39	40027	BOLT, 3/8-16UNC X 1-1/4" HEX FLANGE, GRD 5, ZINC	8
40	40030	BOLT, 3/8-16UNC X 3/4" HEX FLANGE, GRD 5, ZINC	15
41	40032	BOLT, 3/8-16UNC X 3-1/2" HEX, GRD 5, ZINC	1
42	40040	BOLT, 5/16-18UNC X 3/4" HEX, GRD 5, ZINC	4
43	40046	NUT, 1/2-13UNC, GRD 5, ZINC	1
44	40047	NUT, 1/2-13UNC, HEX FLANGE, GRD 5, ZINC	13
45	40051	NUT, 1/4-20UNC, HEX, NYLOCK, ZINC	7
46	40055	NUT, 3/4-10UNC, HEX, TOPLOCK, ZINC	3
47	40056	NUT, 3/8-16UNC, HEX FLANGE, GRD 5, ZINC	27
48	40058	NUT, 3/8-16UNC, HEX, TOPLOCK, ZINC	1
49	40066	WASHER, FLAT, 1/2", ZINC	7
50	40072	WASHER, LOCK, 1/2" SPLIT, ZINC	5
51	40074	WASHER, LOCK, 5/16" SPLIT, ZINC	4
52	40102	BOLT, 1/2-13UNC X 1-1/2" CARRIAGE, GRD 5, ZINC	8
53	40158	WASHER, FLAT, 3/8", ZINC	8
54	6400-06-04	FITTING, #6JIC MALE TO #4 O-RING MALE	1
55	6400-06-04-0625	FITTING, #6JIC MALE TO #4 O-RING MALE, ORIFACE	1
56	PB10001	WINCH & MOUNT BRACKET ASSEMBLY	1
57	PBXT13012	GUARD ASM, DRIVE CHAIN, INFEED, H13XT	1



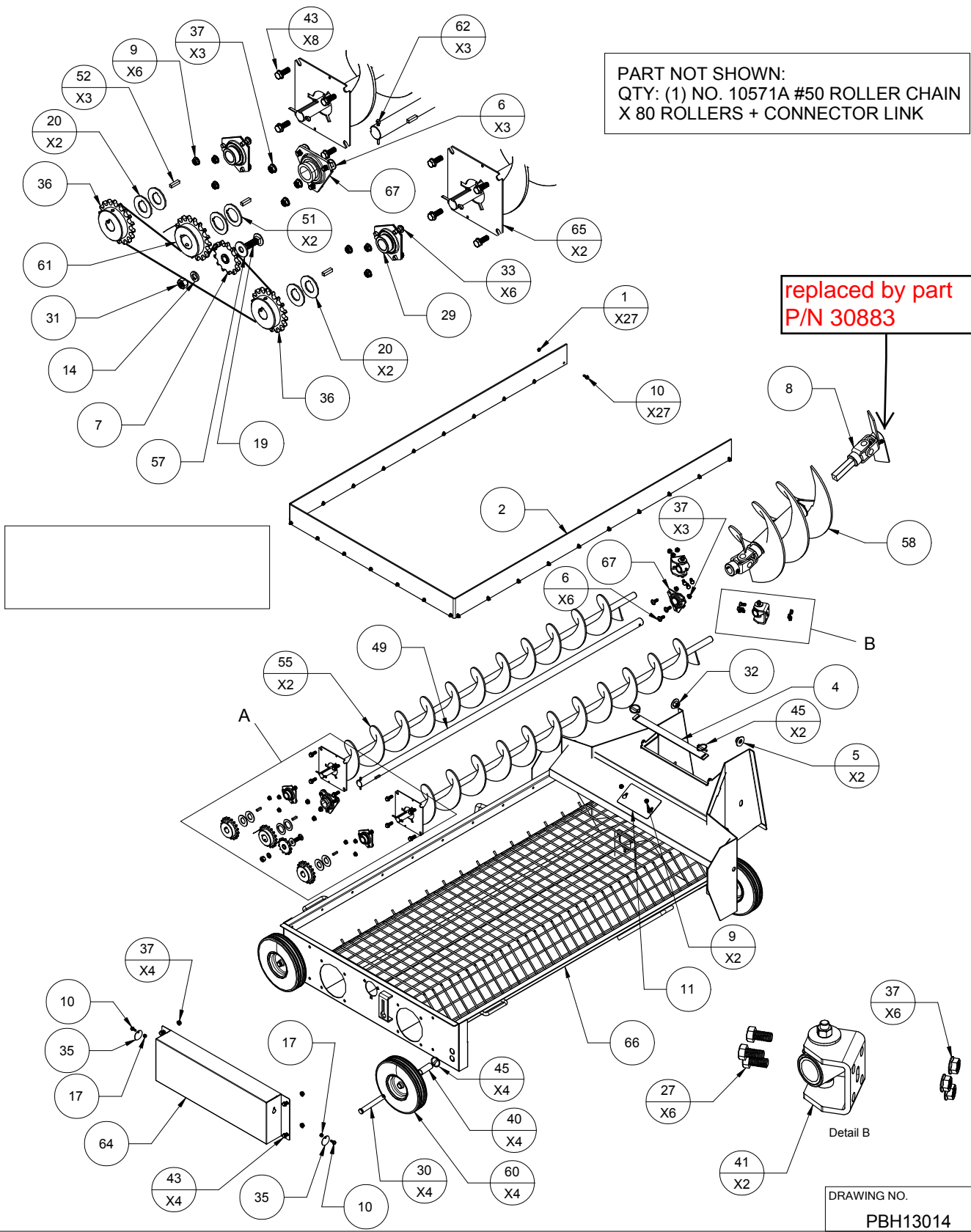
DETAIL B

DETAIL A



ITEM NO.	PART NO.	DESCRIPTION	QTY
1	10364	LYNCH PIN, 1/4" X 2-1/8"	2
2	10500	LID, ACCESS, HOPPER, H13XT	1
3	11790	PLATE, SWING TUBE RETAIN, H13XX	2
4	13218	HINGE, RUBBER, SWING TUBE, H13XT	1
5	13219	STRAP, RUBBER HINGE, SWING TUBE, H13XT	2
6	13226	HOSE, SEAL, SWING TUBE, H13XT	1
7	13262	BUSHING, PIVOT, SWING TUBE, XT AUGERS	2
8	30176	GEARBOX, RIGHT ANGLE	1
9	30438A	FLIGHTING ASSY, SWING HOPPER, H13XX	1
10	30439	KNUCKLE ASSY, CV, H13XX SWING HOPPER DRIVE	1
11	30443A	BRACKET, HANGER BEARING SUPPORT, H13XX	1
12	30475B	TUBE WELDMENT, SWING HOPPER, H13XX	1
13	30557	1.25" 3 BOLT FLANGETEE W/BEARING	1
14	31954	SWIVEL RING ASM, H13XT	1
15	31968	SWING TUBE HEAD ASM, H13XT	1
16	31970	LID ASM, SWING TUBE HEAD, H13XT	1
17	40001	BOLT, 1/2-13UNC X 1" HEX FLANGE, GRD 5, ZINC	8
18	40004	BOLT, 1/2-13UNC X 1-1/2" HEX, GRD 5, ZINC	4
19	40007	BOLT, 1/2-13UNC X 2" CARRIAGE, GRD 5, ZINC	2
20	40012	BOLT, 1/4-20UNC X 1" HEX, GRD 5, ZINC	2
21	40015	BOLT, 1/4-20UNC X 3/4" HEX, GRD 5, ZINC	12
22	40024	BOLT, 3/8-16UNC X 1" CARRIAGE, GRD 5, ZINC	3
23	40025	BOLT, 3/8-16UNC X 1" HEX FLANGE, GRD 5, ZINC	12
24	40041	BOLT, 5/8-11UNC X 1-1/2" HEX FLANGE, GRD 5, ZINC	2
25	40051	NUT, 1/4-20UNC, HEX, NYLOCK, ZINC	14
26	40056	NUT, 3/8-16UNC, HEX FLANGE, GRD 5, ZINC	15
27	40062	NUT, 5/8-11UNC, HEX, TOPLOCK, ZINC	2
28	40070	WASHER, FLAT, 5/8" ZINC	2
29	40126	NUT, 1/2-13UNC, HEX, NYLOCK, ZINC	6

REV	AUGER MODEL(S)	PART/ASSEMBLY DESCRIPTION
	H1362, H1372, H1382	HOPPER ASSEMBLY



DRAWING NO.  
PBH13014



REV	AUGER MODEL(S)	PART/ASSEMBLY DESCRIPTION
	H1362, H1372, H1382	HOPPER ASSEMBLY

67	30554 1 1-4 3 BOLT	2	1.25" 3 BOLT FLANGETEE WITH BEARING, STANDARD HOLE PATTERN
66	30442	1	SWING HOPPER WELDMENT, H13XX
65	10041	2	PLATE, BEARING MOUNT, SWING HOPPER
64	10516A	1	GUARD, SWING HOPPER DRIVE CHAIN
62	10308	3	PIN, COTTER, 3/16x1.5"
61	10565	1	SPROCKET, #50 x 18 TOOTH x 1.25" BORE, WITH (2) HOLO-CHROME SET SCREWS
60	30104	4	TIRE & RIM ASSY, 10x4.10/3.50-4, SWING HOPPER
58	30425	1	INTERMEDIATE AUGER ASSEMBLY, SWING HOPPER, H13XX
57	FLW-RGLR_~500	1	1/2" STANDARD FLAT WASHER, ZINC
55	30422	2	DRAG AUGER ASSEMBLY, H13XX
52	10307	4	KEY, 1/4 x 1.00"
51	10595	2	WASHER, SPACER SPROCKET/COTTER PIN DRAG AUGER, H10XX
49	30472	1	SHAFT ASSEMBLY, SWING HOPPER DRIVE, H13XX
45	10364	6	LYNCH PIN, 1/4" x 2 1/8" OVERALL LENGTH
43	HEX HD FLG_~375-16 UNC 1.SIMP	12	BOLT, 3/8-16UNC X 1", HEX, FLANGE, GRD 5, ZINC
41	30452D	2	BUSHING ASSEMBLY, DRAG AUGER, H13XX
40	10186	4	SPACER TUBE, SWING HOPPER WHEEL
37	NUT HEX FLG_~375-16 UNC_SIMP	16	NUT, 3/8-16UNC, HEX, FLANGE, GRD 5, ZINC
36	10730	2	SPROCKET, #50 x 18 TOOTH x 1" INCH BORE, (2) HOLLOW CHROME SET SCREWS
35	10139	2	TAB, CHAIN GUARD LUBE HOLE COVER
33	3125 x 75 CARRIAGE BOLT	6	BOLT, 5/16-UNC X 3/4", CARRIAGE, ZINC
32	HEX NUT_~625-11 UNC_TOPLOCK	2	NUT, TOPLOCK, 5/8-11UNC, HEX, ZINC
31	HEX NUT_~500-13 UNC_SIMP	1	NUT, 1/2-13UNC, HEX, GRD 5, ZINC
30	10255	4	PIN, SWING HOPPER WHEEL SUPPORT
29	30550	2	1" 3 BOLT FLANGE WITH FAFNIR BEARING
27	HEX BOLT_~375-16 UNC_0~75_SIMP	6	3/8-16UNC x 3/4" HEX BOLT, GRD 5, ZINC
20	10399	4	WASHER, SPACER SPROCKET/COTTER PIN DRAG AUGER, H10XX
19	1-2 x 1 1-2 CARRIAGE BOLT	1	1/2-13UNC x 1-1/2" CARRIAGE BOLT, GRD 5, ZINC
17	HEX NUT_~250-20 UNC NYLOCK_SIMP	2	1/4-20UNC, HEX NYLOCK NUT, ZINC
14	LK WSHR-HLCL SPR-RGLR_~500	1	WASHER, LOCK, 1/2" SPLIT SPRING
11	10589	1	LID, SWING HOPPER TRANSITION ACCESS, H13XX
10	HEX HD FLG_~250-20 UNC_~75_SIMP	29	BOLT, 1/4-20UNC X 3/4" HEX FLANGE, GRD 5 ZINC
9	NUT HEX FLG_~3125-18 UNC_SIMP	8	5/16-18UNC, HEX FLANGE NUT
8	<del>30434</del> 30883	1	PADDLE / KNUCKLE ASSEMBLY H13XX, MID AUGER
7	10563	1	SPROCKET, IDLER #50 x 13 TEETH, 1/2" BORE
6	3-8 x 1 CARRIAGE BOLT	6	BOLT, 3/8-16UNC x 1" CARRIAGE, GRD 5, ZINC
5	FLW-RGLR_~625	2	WASHER, 5/8", FLAT, ZINC
4	10562	1	PLATE, SWING HOPPER ACCESS DOOR HOLD DOWN
2	10116	1	RUBBER, OVERFLOW FOR SWING HOPPER
1	NUT HEX FLG_~250-20 UNC_SIMP	27	NUT, 1/4-20UNC, HEX FLANGE, GRD 5 ZINC
Item Number	Part Number	Quantity	Description

DRAWING NO.

PBH13014