



T1332 & T1342 AUGER ASSEMBLY MANUAL

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



Revised 9/10/2014

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!

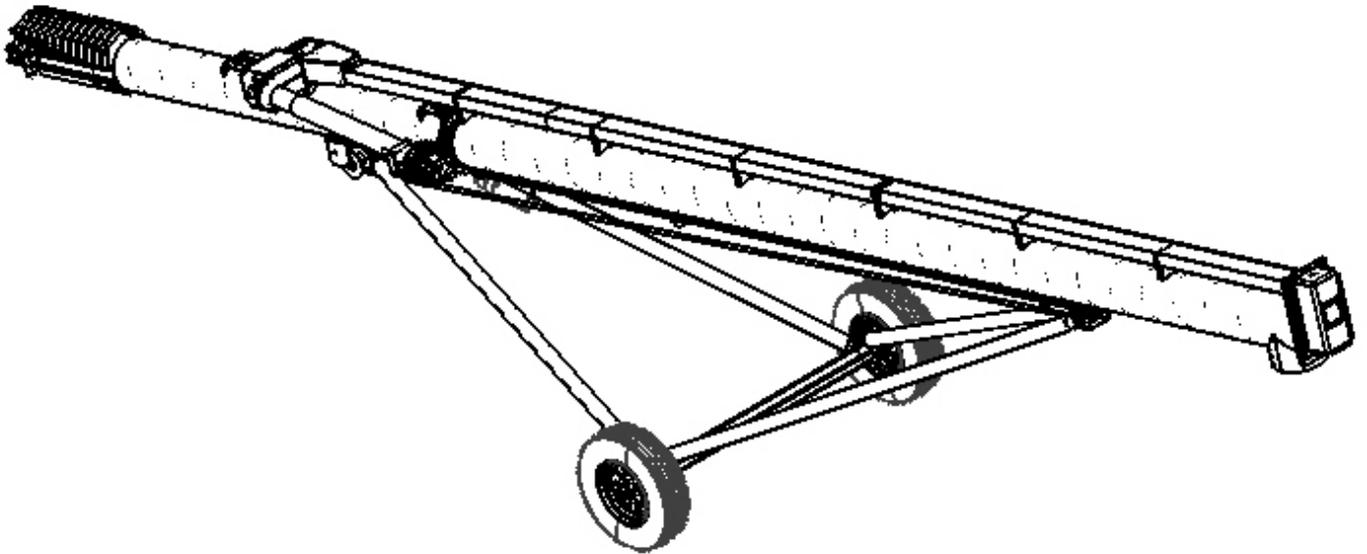
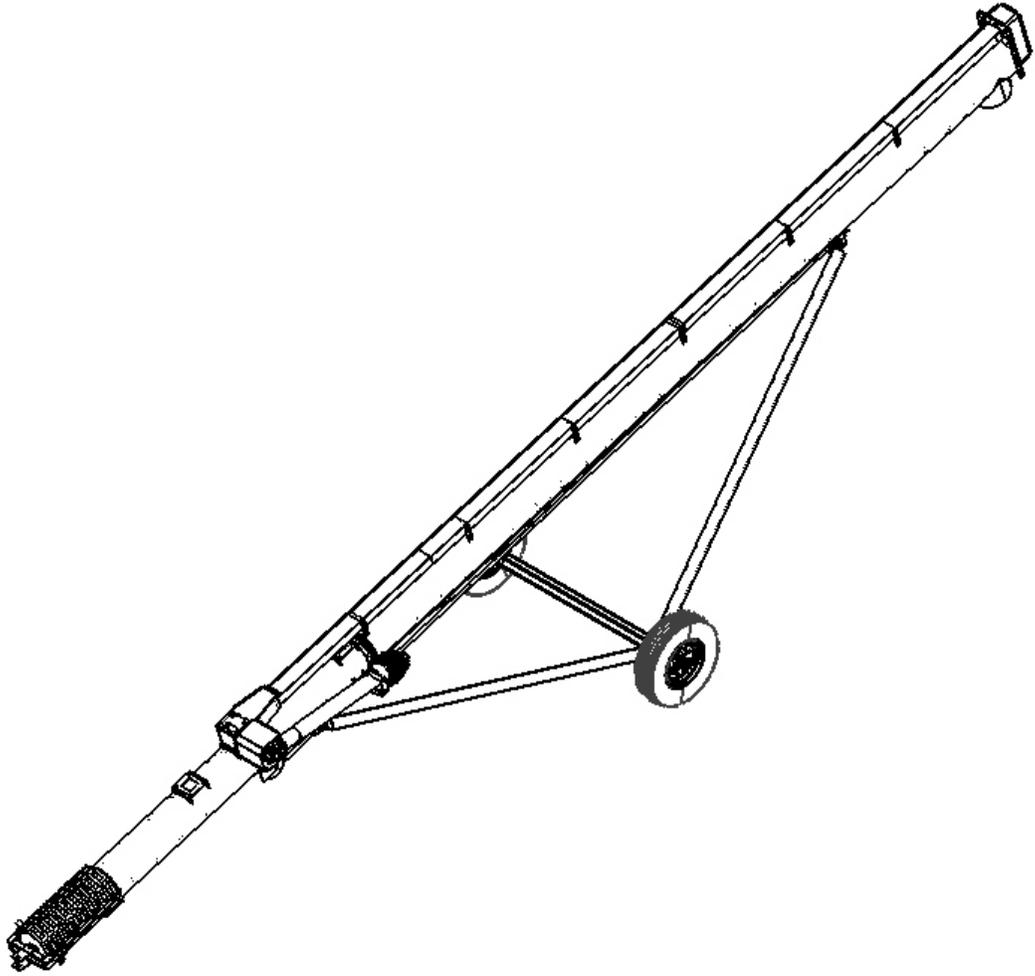
DANGER – Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury. This signal word is to be limited to the most extreme situations, typically for machine components that, for functional purposes, cannot be guarded.

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.

TABLE OF CONTENTS

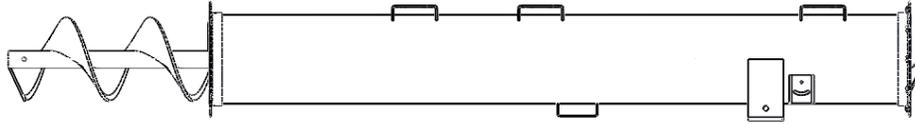
Tube Identification	.....	5
Step 1		
Tube & Flighting Assembly	.....	6
Steps 2 & 3		
Standard Infeed Installation	.....	7
Steps 4 & 5		
Winch Installation	.....	8
Step 6		
Top Guard Installation	.....	8
Step 7		
Carriage Assembly	.....	9
Steps 8-14		
Lift Cable Assembly	.....	12
Step 15		
Parts Book Drawings	.....	14



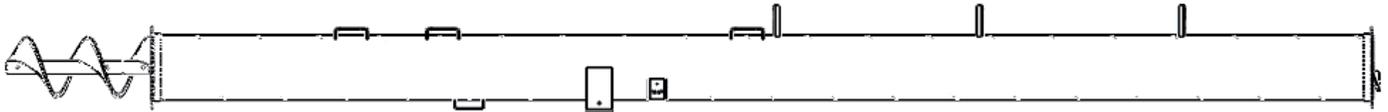
T1332 w/Standard Infeed & PTO Drive Option

Step 1

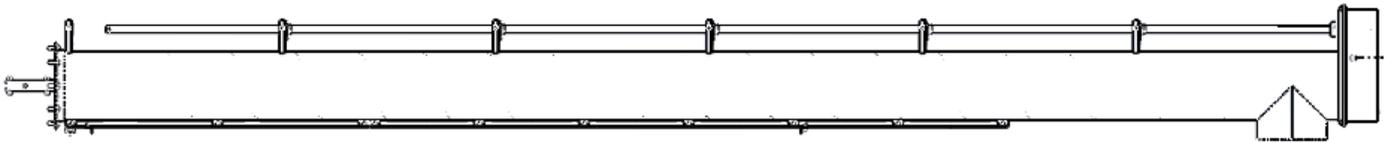
Tube Identification



1st Tube T1332



1st Tube T1342



Discharge Tube, T1032 & T1042

Step 2 (Tube & Flighting Assembly)

Place the 1st & 2nd tubes on assembly stands. 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.

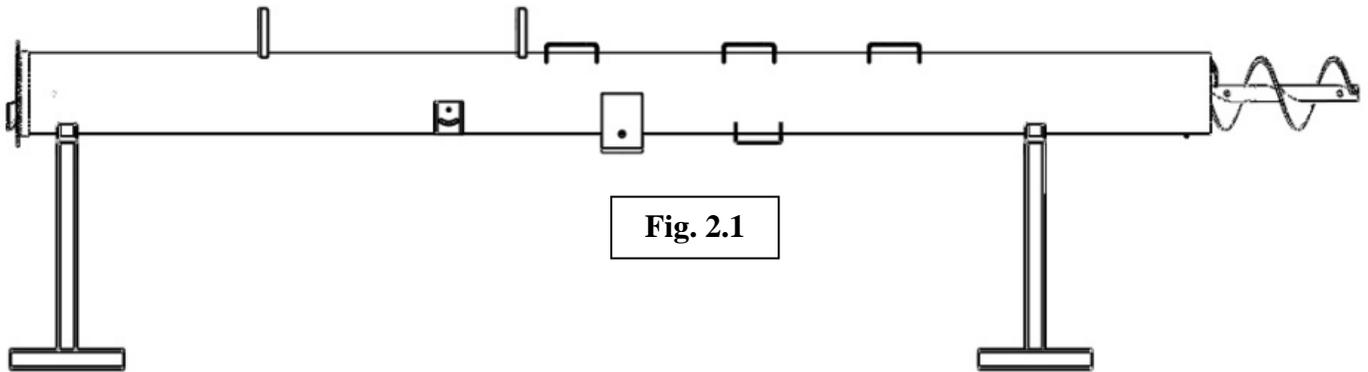


Fig. 2.1

Step 3

Slide the flighting together from the 1st & 2nd 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 1st & 2nd tube together putting in the (10) 1/2" x 1-1/2" flange bolts & nuts.

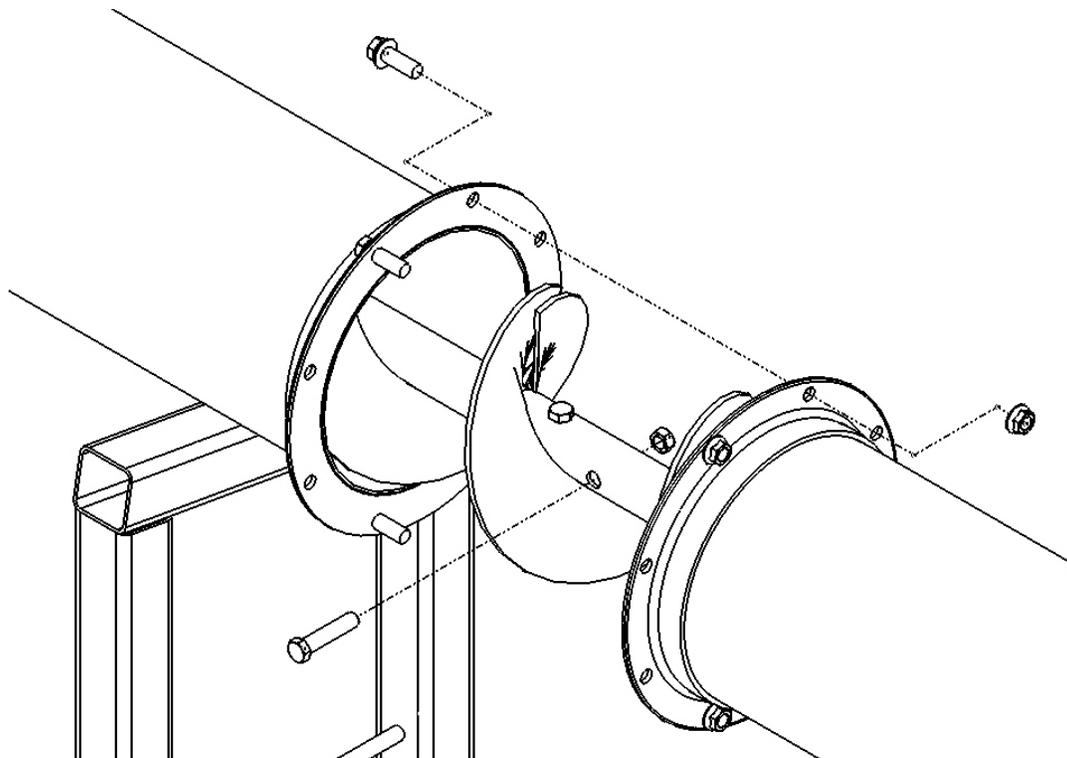


Fig. 3.1

Step 4 (Standard Infeed Installation)

The standard infeed will now be installed. *(If installing a flex hopper, skip Step 4 & 5. Refer to T13 Hopper Assembly Manual for installation).* Place stub shaft (11580) into to end of the infeed flighting. Attach using a 1/2" x 3" hex bolt & top lock nut. Next, attach the brass bushing (30801) to the infeed housing assembly using (4) 3/8" x 1" hex flange bolts & hex flange nuts.

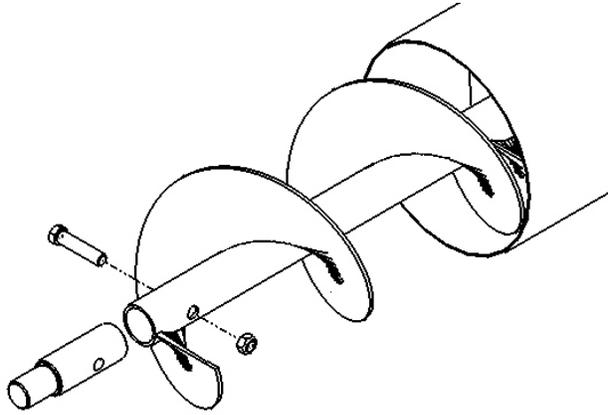


Fig. 4.1

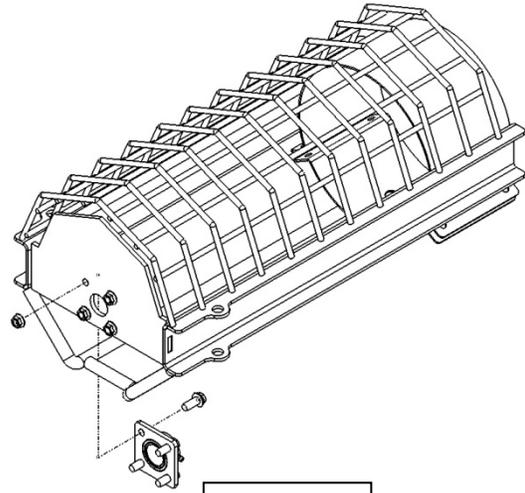


Fig. 4.2

Step 5

Slide the infeed housing assembly over the flighting and 1st auger tube. Align the slot in the bottom of the infeed housing with the key stock welded to the bottom of the tube. Also, align the stub shaft in the flighting with the bushing bolted to the infeed housing and slide stub shaft into the bushing. Attach the infeed housing to the tube using (4) 3/8" x 1-1/4" hex flange bolts & hex flange nuts. Next, slide the hitch into the side channels and secure using (2) 1/2" bent pins and hairpins provided.

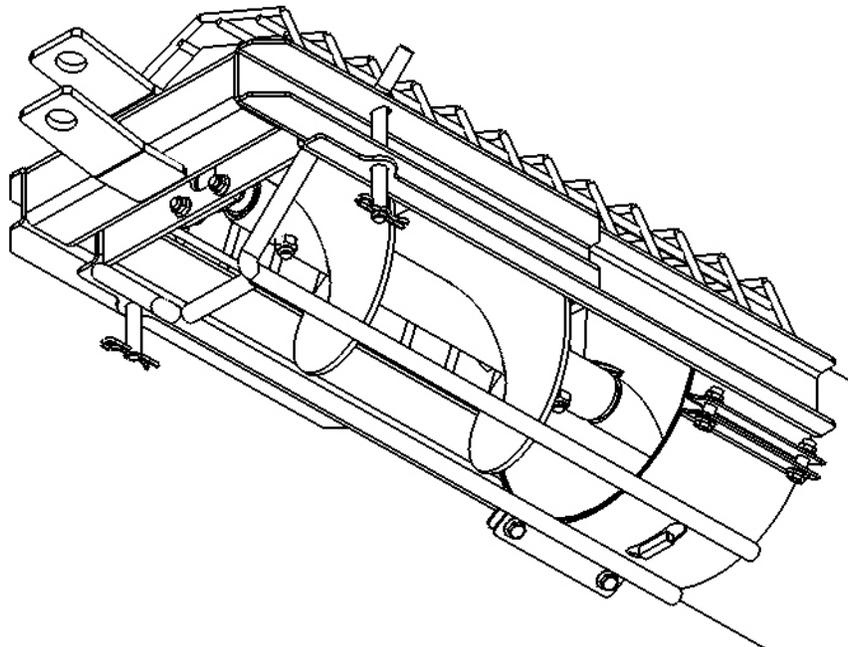


Fig. 5.1

REFER TO DRIVE OPTION ASSEMBLY MANUALS AT THIS POINT!!!

Step 6 (Winch Installation)

After the drive option is assembled on to the auger the winch will need to be installed. To install the winch, fasten it to the bracket welded on the underside of the first tube. Secure it to the bracket by using (3) 3/8" x 1" hex flange bolts & nuts as shown in fig. 6.1. (If handle is not installed on the winch refer to the operator's manual for the winch that is provided)

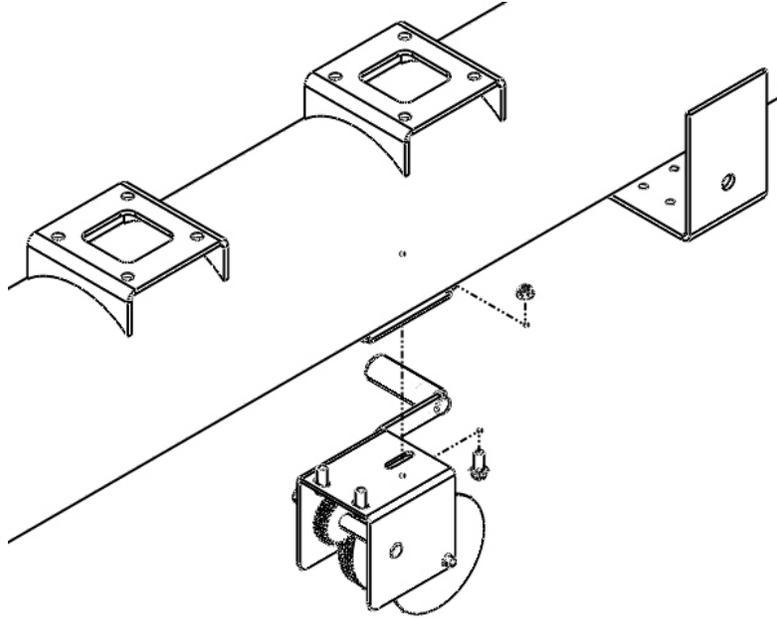


Fig. 6.1

Step 7 (Top Guard Installation)

Next, the top drive galvanized guards need to be assembled onto the discharge tube. Place the guards over the top drive brackets as shown in fig. 7.1. Overlap the lower guard (T1332 has only the top guard, T1342 has two guards) with the top guard as shown in fig. 7.2. Attach the 2 guards using a total of (14) #12 x 3/4" long self tapping screws. (See fig. 7.2)

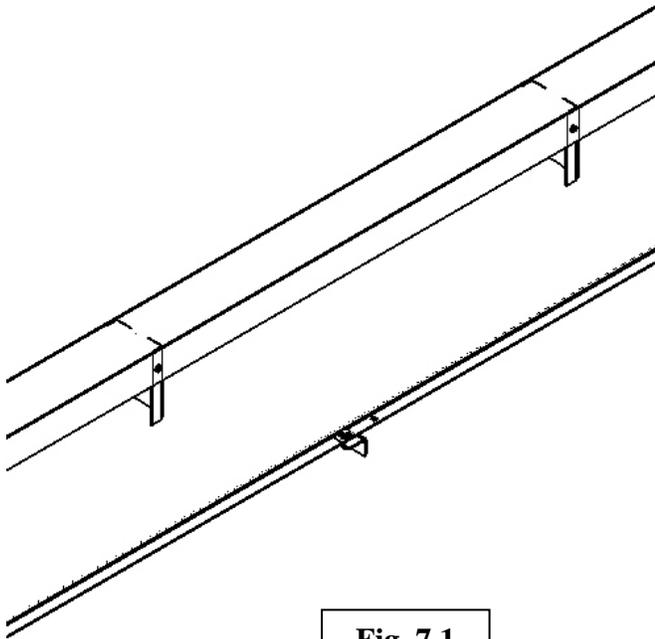


Fig. 7.1

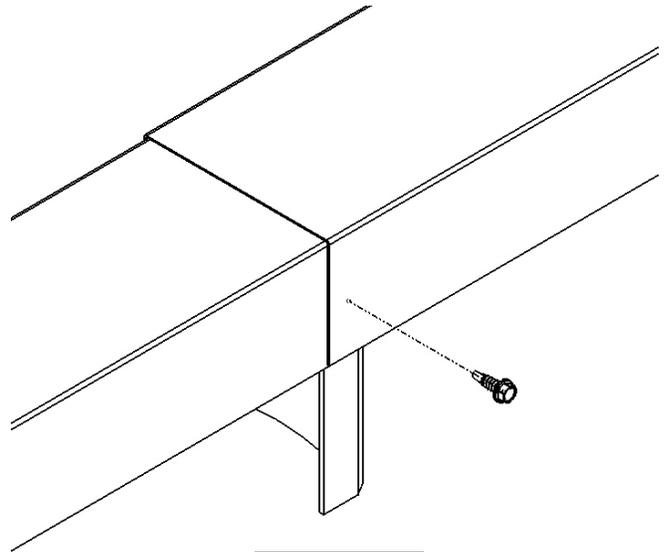


Fig. 7.2

Step 8 (Carriage Assembly)

Place the axle underneath the auger tubes on the stands. Attach the carriage and hub assembly to the axle using (4) 1/2" x 1-1/2" hex flange bolts and flange nuts. (See fig. 7.1) Do this same step on the other side of the axle.

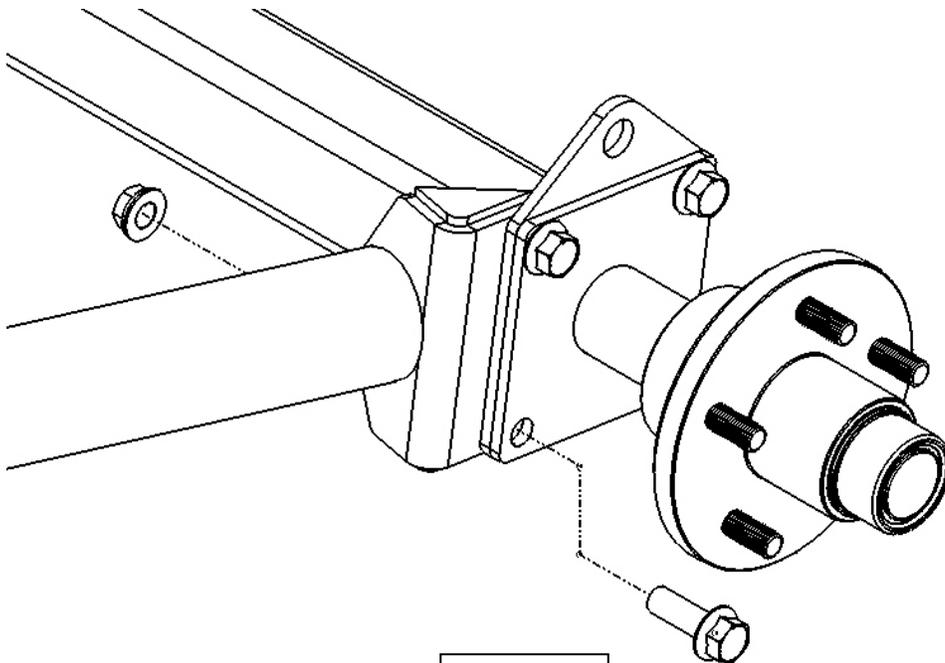


Fig. 8.1

Step 9

Align and place the wheel on to the hub being sure the fill stem is towards the outside. Secure the wheel to the hub using (5) 1/2" lug nuts. Tighten the lug nuts evenly using a "star" pattern. Repeat this step to assemble the hub & wheel on the other side.

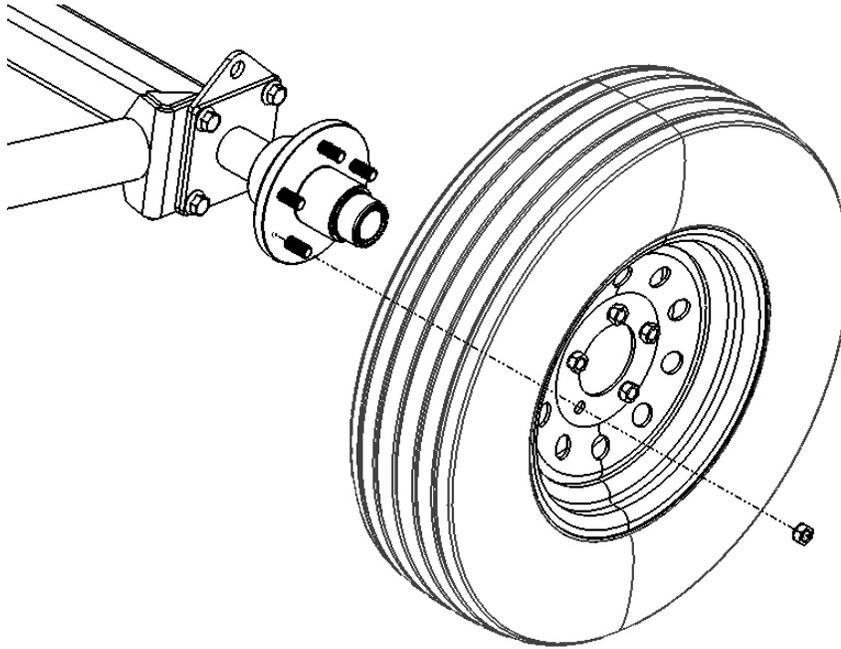


Fig. 9.1

Step 10

Next, lift the carriage arms up to the carriage mount bracket welded onto the first tube. Attach the carriage arms as shown in fig. 9.1 using (2) 3/4" x 1-1/2" hex bolt & top lock nut.

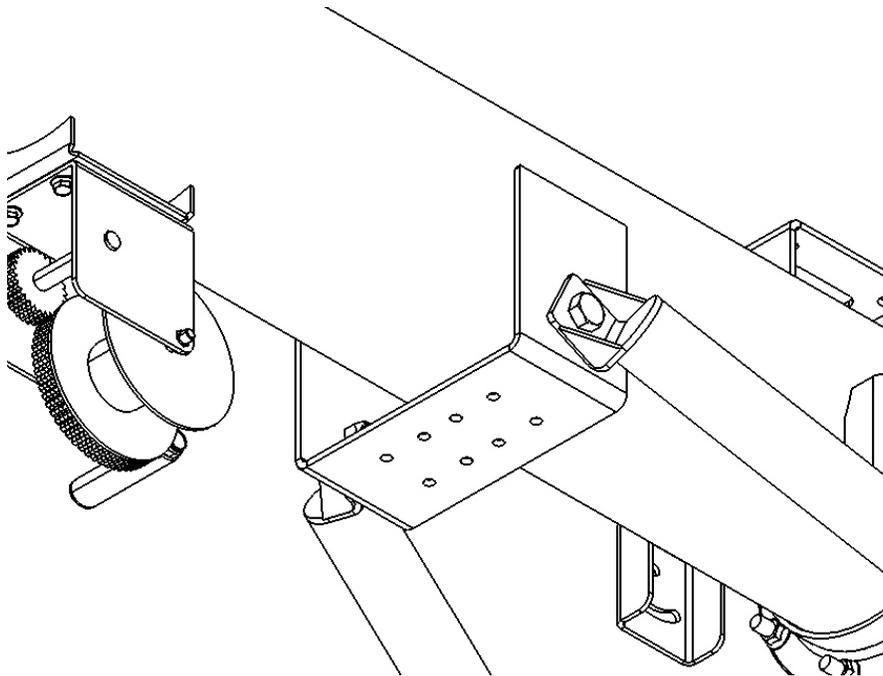


Fig. 10.1

Step 11

Next, the lift roller will be assembled to the lift arms. Place the lift roller housing bracket (T1332 use 10929, T1342 use 11673) up to one of the lift arms and align the holes. T1332 Takes a 3/4" x 6-1/2" T1342 takes a 1" x 7" hex flange bolt and put it through the arm & one side of the bracket. Slide a washer onto the bolt. Place the lift roller (T1332 uses 30733, T1342 uses 30971) in the housing and push the bolt through the roller. Place the 2nd washer between the roller and the other side of the lift roller housing. Now, push bolt all the way through the housing. Attach other lift arm onto bolt & secure with a 3/4" top lock nut for T1332, 1" top lock nut for T1342. The lift arms, housing, & roller should now be assembled together.

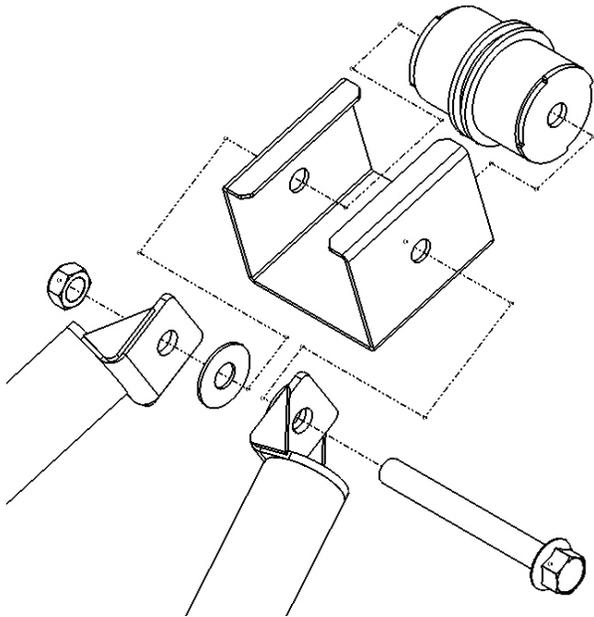


Fig. 11.1

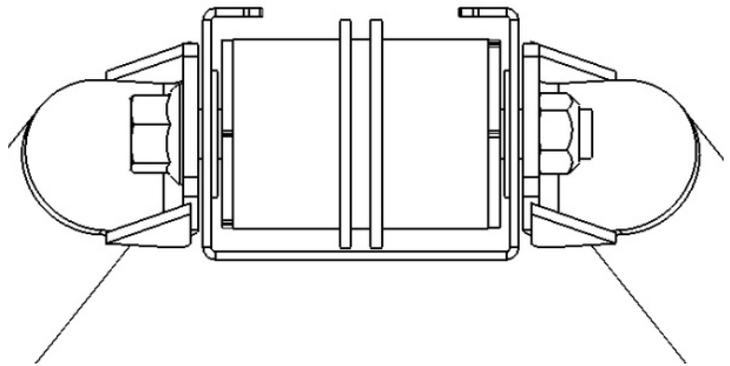


Fig. 11.2

Step 12

Next, slide the lift arms and the lift roller onto the track on the underside of the discharge tube. After this is done bolt on the lift roller stop using (2) 3/8" x 1" hex flange bolts & flange nuts. (If assembling a T1332 bolt the stop onto the track using the top set of holes; T1036 bolt stop onto track using the 2nd set of holes; T1042 bolt stop onto track using 3rd set of holes in track.)

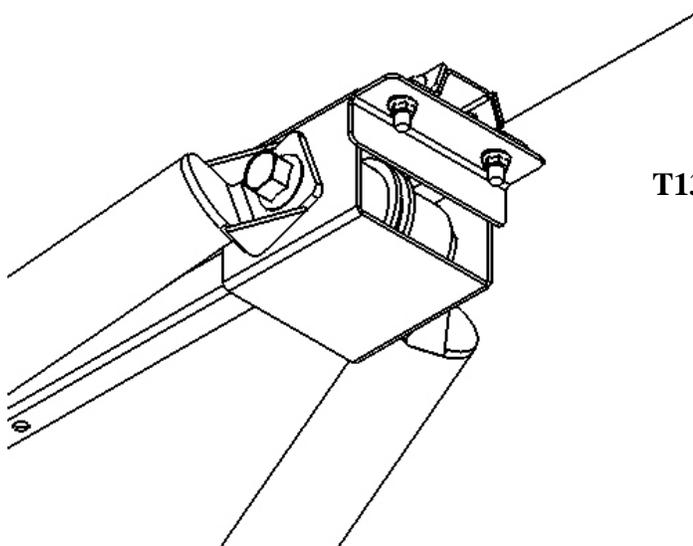


Fig. 12.1

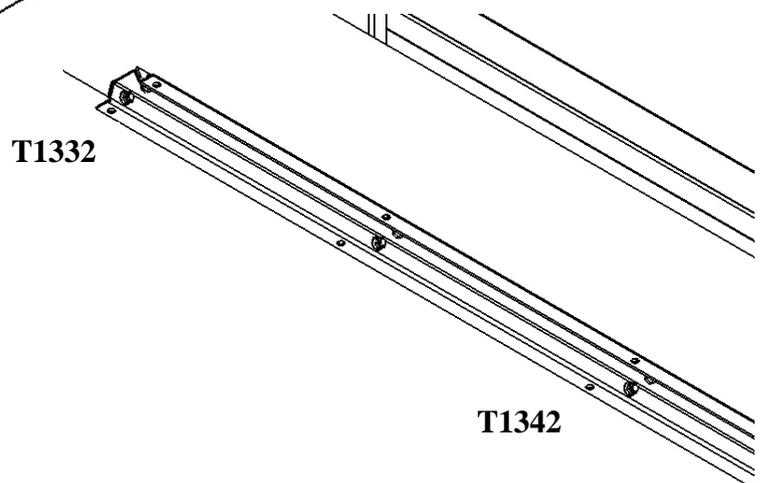


Fig. 12.2

Step 13

Using a lifting strap, lift up the auger in front of the discharge spout until the lift arms align with the top holes in the axle. When the arms align, fasten them to the axle using (2) 3/4" x 1-1/2" hex bolt & top lock nut. No not over tighten as the lift arms need to be able to rotate on the axle. The auger should now be up on the wheels. (If assembling a T1032 skip to Step 15)

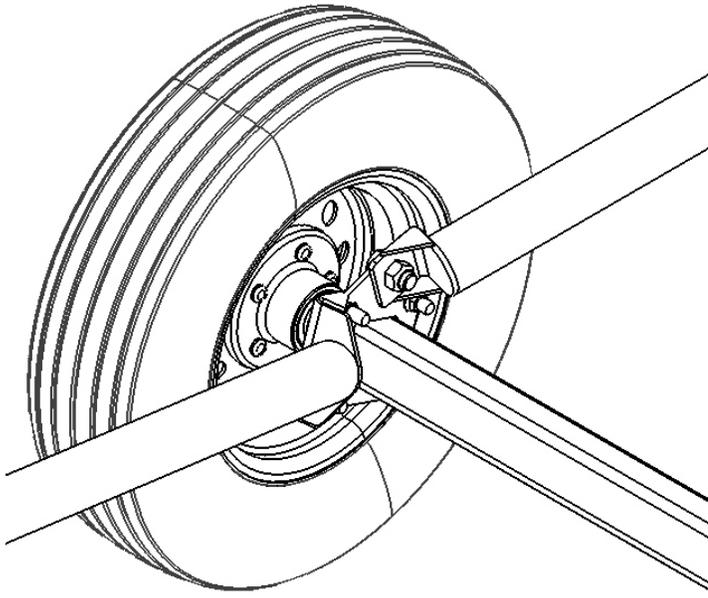


Fig. 13.1

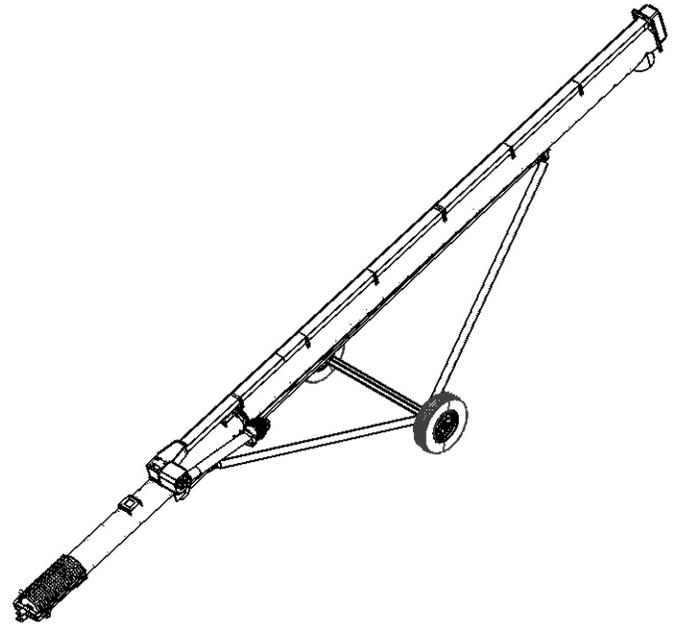


Fig. 13.2

Step 14 (T1332 & T1342 Only)

When assembling a T1332 & T1342 "X" bracing is required on the lift arms. Attach the bracing to the lift arms using (10) 3/8" x 1" hex flange bolts & flange nuts. Cross the braces as shown in fig. 14.1.

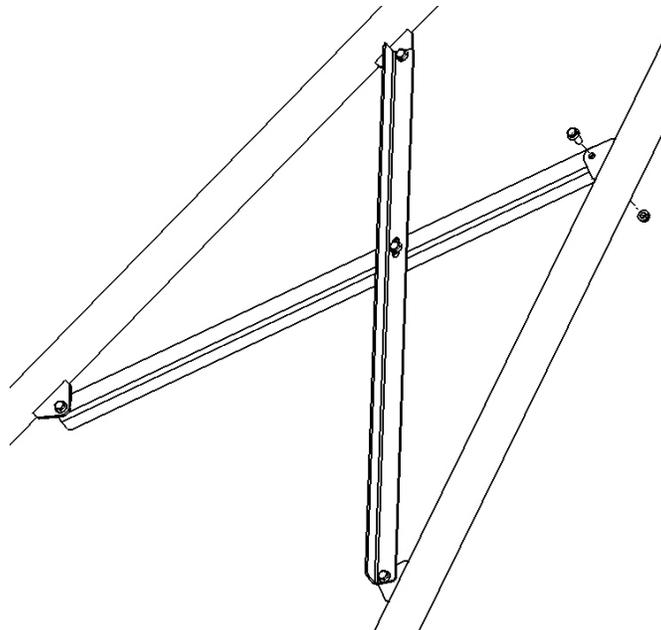


Fig. 14.1

Step 15 (Lift Cable Assembly)

Next, attach the lift cable to the winch by sticking one end through the side of the drum and fastening the cable to the outside of the drum. For more information refer to winch manual included with auger. Route the cable up around the lift roller (Fig. 15.2) going from the bottom around the top. Next, pull the cable to the bottom of the discharge tube at wrap cable around the cable stop (30993) as shown if Fig. 15.3. Secure cable around the cable stop using (2) 1/4" cable clamps. After clamps are tightened, track the cable on the winch by slowing turning the handle and guiding the cable on to the drum so it spools properly.

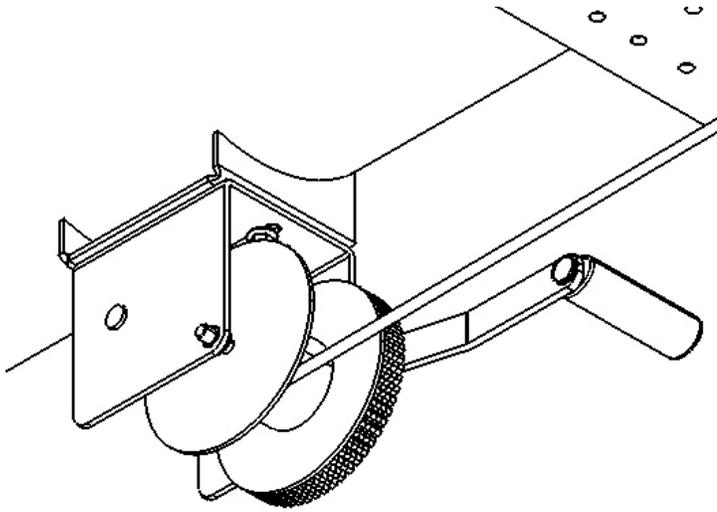


Fig. 15.1

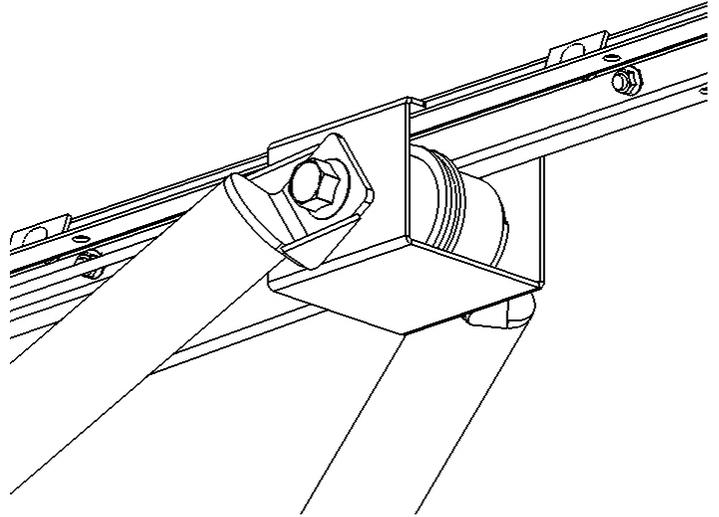


Fig. 15.2

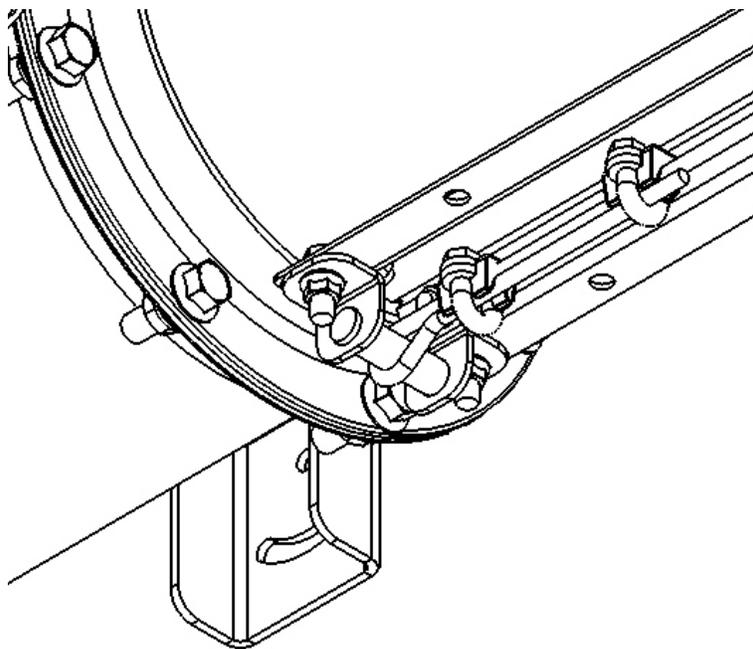


Fig. 15.3

Step 16

Next, attach the manual canister to one of the carriage arms using 2 zip ties provided. To secure the canister to the arm with a #12 x 3/4" self tapping screw. This will prevent the canister from sliding on the arm.

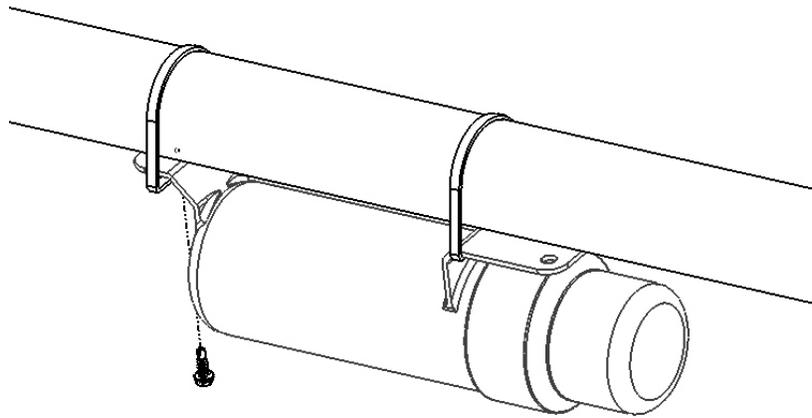


Fig. 16.3

This will complete the assembly for your Harvest by Meridian T1332or T1342 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.