



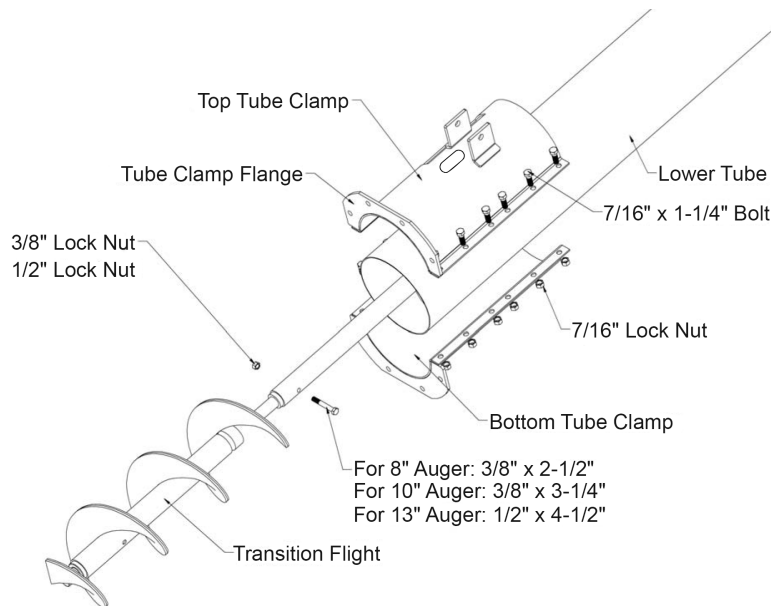
A260/A249/A254 Intake Hopper Assembly and Operator Manual

Applicable Models:

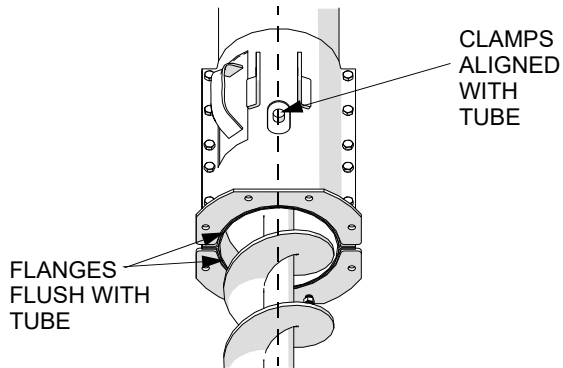
- Westfield STX2, WRX, STX, TF, TFX, TFX2, W13 Series
- AGI XTA, WRX Series
- Hutchinson STX2, WRX, W13 Series
- Mayrath STX2, WRX, W13 Series

Tube Clamps and Transition Flight Assembly

Figure 1. Tube Clamps and Transition Flight Assembly

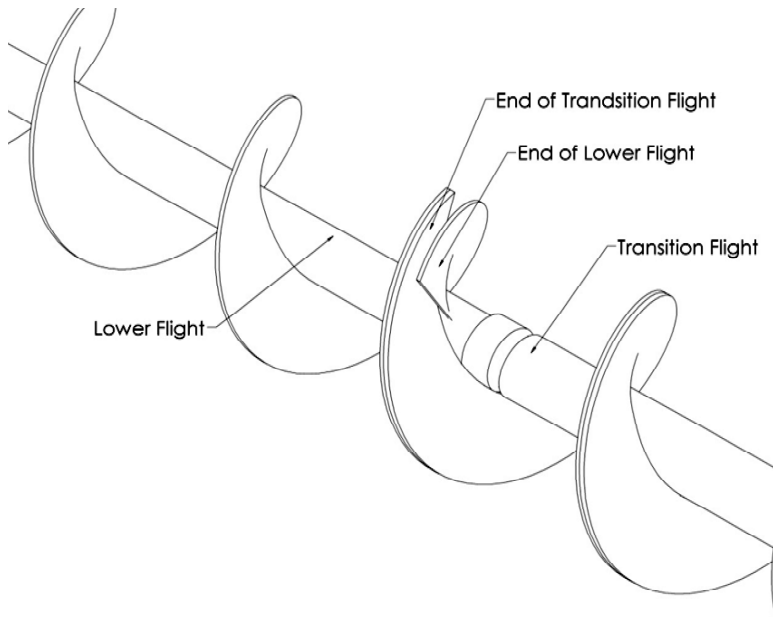


1. **For Retrofits:** First remove existing flighting guard and transition flighting.
2. Loosely bolt the top and bottom tube clamp on lower tube with twelve 7/16" x 1-1/4" bolts and lock nuts.
3. Ensure that the tube clamps are aligned straight on the tube, and positioned with flanges flush with the bottom of the tube, then tighten the tube clamps.

Figure 2. Align Tube Clamp**Note**

The top tube clamp has a slot to fit around the handle, which is already welded on the tube.

4. Slide the transition flight onto the lower flight.
5. For continuous flow, make sure that the ends of the lower flight and the transition flight are butting together (see [Figure 3](#)).

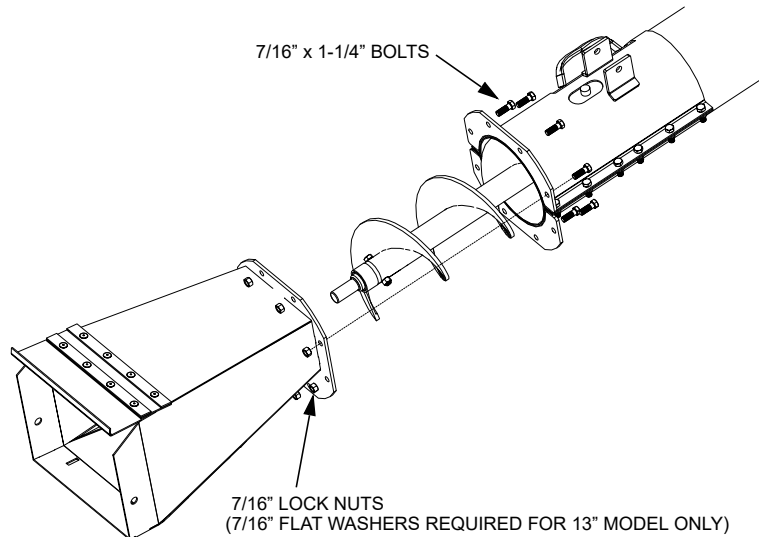
Figure 3. Align Flighting

6. Rotate the flight to line up the hole on the transition flight with the hole in the lower flight tube.
7. Insert 3/8" x 2-1/2" bolt for 8" augers, or 3/8" x 3-1/4" bolt for 10" augers, 1/2" x 4-1/2" for 13" augers and tighten lock nut.

Assembling the Transition

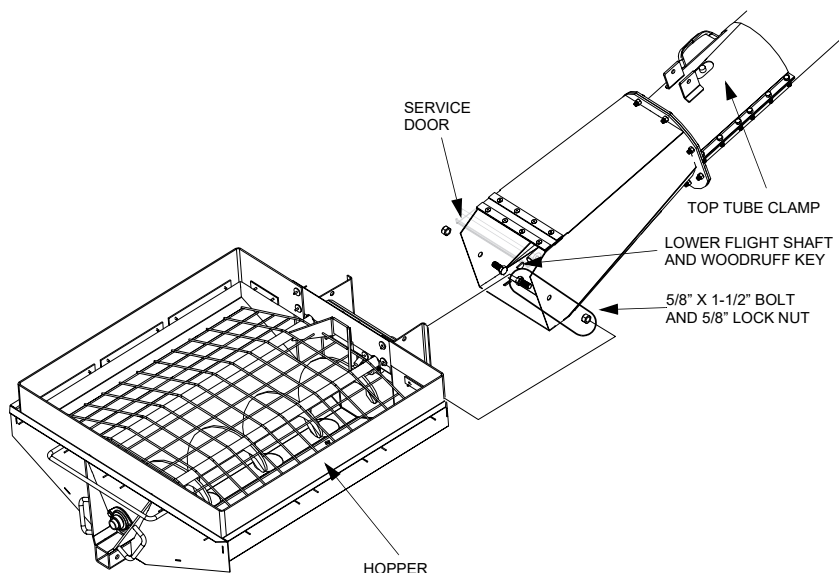
1. Using a lift crane or other lifting equipment, lift lower tube up to a comfortable working height.
2. Bolt the transition to the tube clamps (see [Figure 4](#)).

Figure 4. Assembling the Transition



Attaching the Hopper

Figure 5. Attaching the Hopper

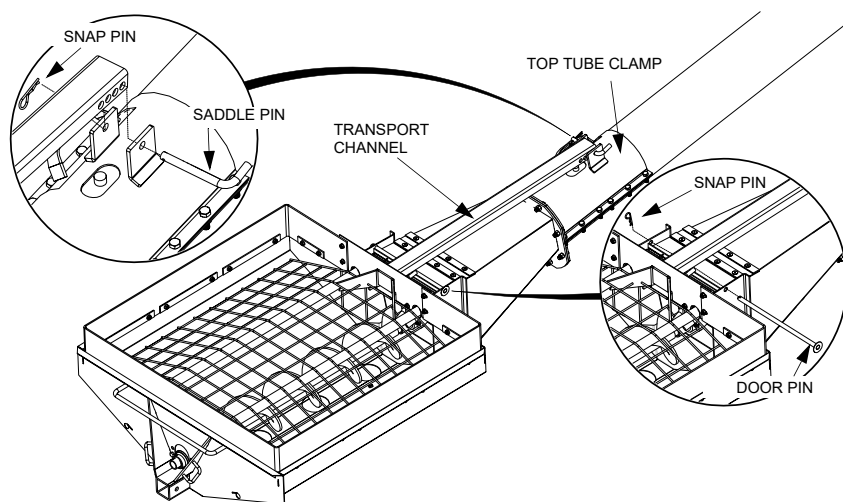


1. Clean dirt from inside the u-joint on the hopper and off of the lower flight shaft. Insert the woodruff key into the lower flight. See [Figure 5 on page 3](#).
2. Open the service door on the transition, then bring the transition and hopper together, guiding the flight shaft into the u-joint.

3. Attach the transition to the hopper with two 5/8" x 1-1/2" bolts and lock nuts. Do not over-tighten. Tighten snug only; these bolts act as pivot points. Use the top hole on the hopper for 10" augers or the bottom hole for 8" augers.
4. Tighten set screws on the u-joint, then close and secure the service door with the provided door pin.

Installing the Transport Channel

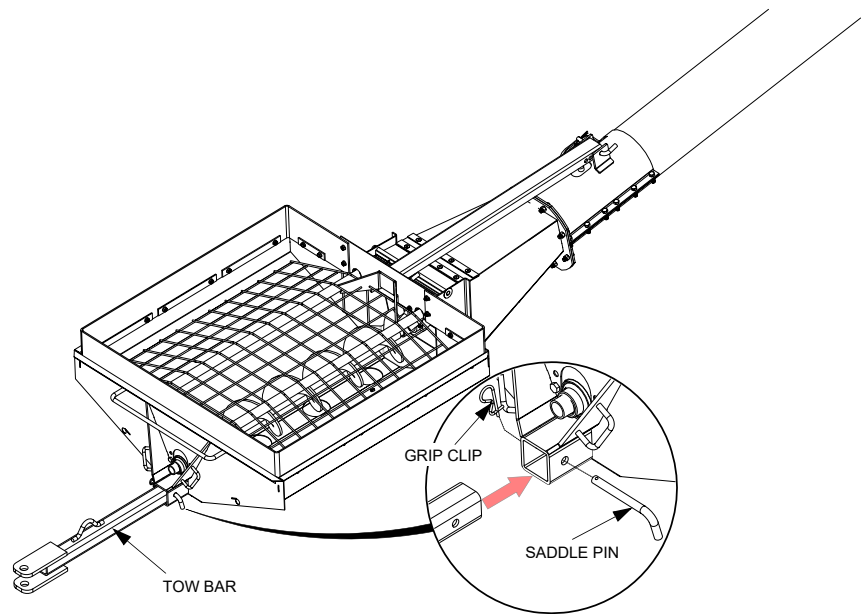
Figure 6. Transport Channel



1. Attach the transport channel to the hopper with a saddle pin and secure with snap pin.
2. Attach the other end of the transport channel (with 4-hole pattern) to the top tube clamp on the lower tube in a convenient location. Use snap pin to secure saddle pin.

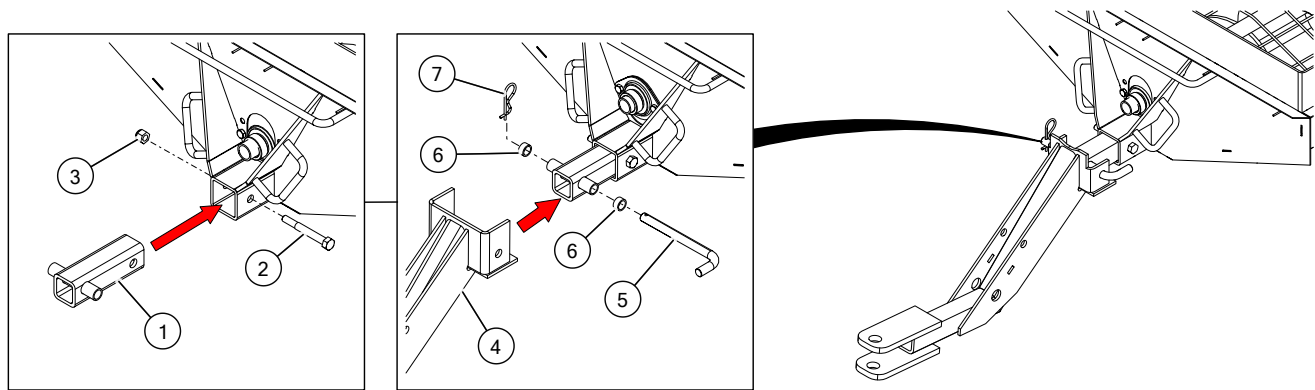
Installing the Tow Bar

Tow Bar



1. Slide the tow bar into the hitch tube of hopper and secure with a saddle pin and grip clip.

Offset Tow Bar



Assembly Note:

- The 8" Model does NOT require the spacer bushings on each side of the offset hitch adapter.

1	Offset Hitch Adapter	5	Clevis Pin
2	Bolt, 1/2" x 4"	6	Spacer Bushing (10" Model Only)
3	Lock Nut, 1/2"	7	Grip Clip
4	Offset Hitch		

Note

The offset tow bar is only installed on augers with an HD Self-Propelled Auger Kit.

1. Attach the offset hitch adapter to the hopper using one 1/2" x 4" bolt and lock nut.

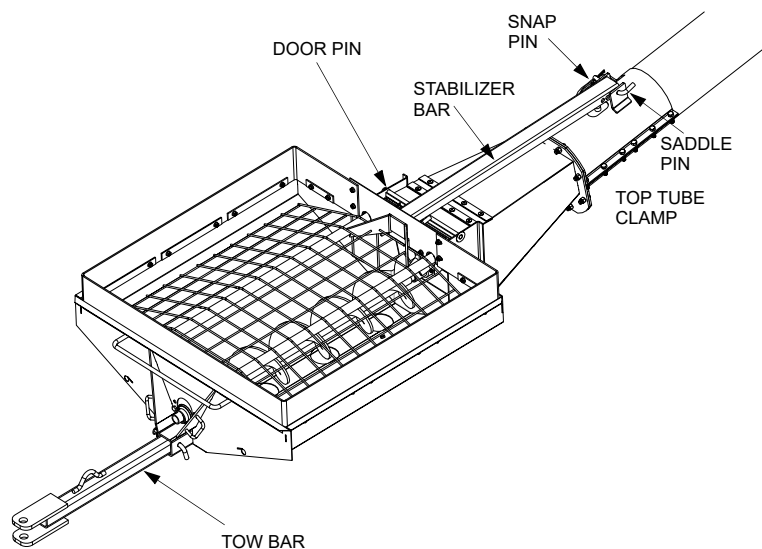
2. Attach the offset hitch to the offset hitch adapter using a clevis pin (supplied with the auger) and secure with a grip clip.

Note

For 10" Models: Place one spacer bushing on each side of the offset hitch adapter.

Operation

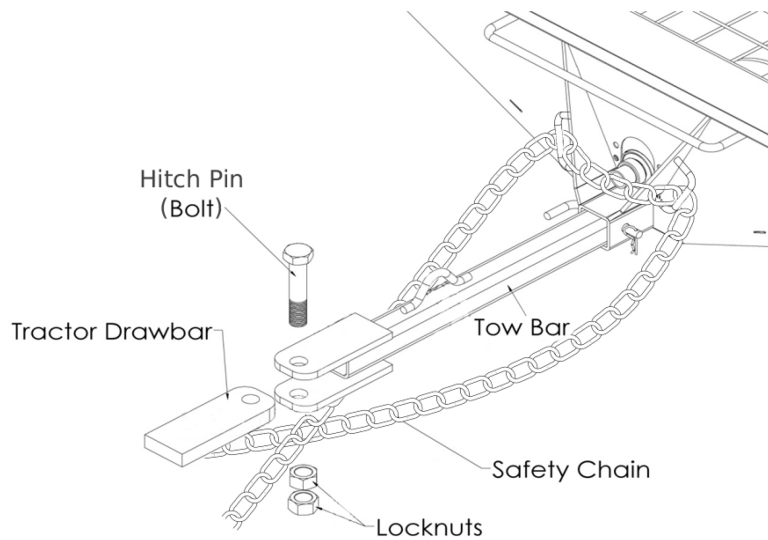
Figure 7. Intake Hopper



1. For other auger-related placement instructions, please refer to your auger operation manual.
2. Remove the tow bar from the hopper. Place the auger-hopper in the desired location (for example, under a bin hopper). See Placement instructions in auger operator manual.
3. Set the hopper to self-level by disconnecting the transport channel at the top end.
4. To clean out after use, remove the cleanout cover by removing the four 5/16" nuts holding it in place and use a vacuum or other tool to clean out.

Transportation

Figure 8. Safety Chain



Note

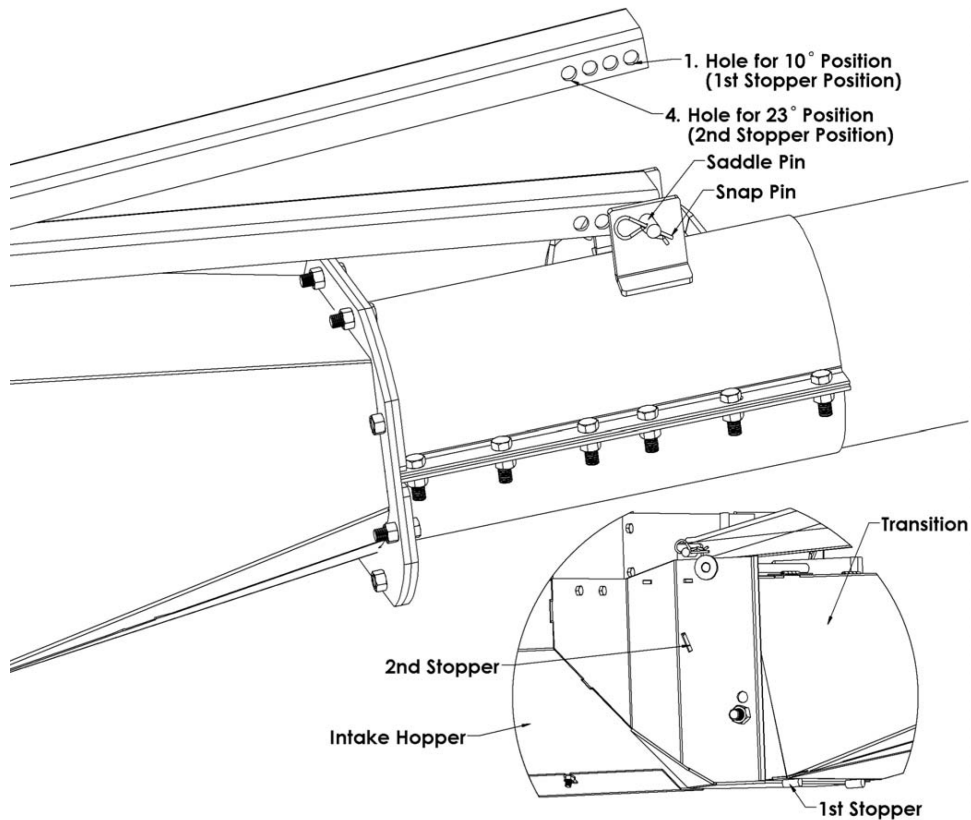
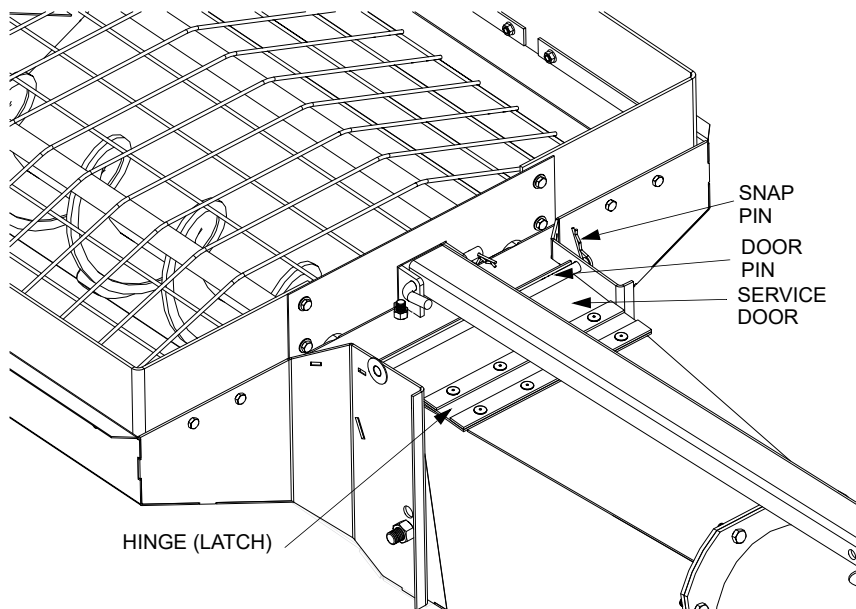
Figure shown above is for most intake hoppers. An offset hitch is used for augers with an HDSP Kit.

1. Place the auger in full down position. The roller track shoe should be seated against the upper track stop with slight tension on the lift cable. Refer to the auger operation manual for further instructions.
2. Attach the transport channel and tow bar. See steps 2 and 3 under **Installing the Transport Channel**.
3. Place and secure hitch pin and safety chain. The safety chain should be threaded through the handle on the lower tube and wrapped around the auger tube before attaching to the towing vehicle ([Figure 8](#)).
4. Connect the stabilizer bar to hole number one and secure with saddle pin and snap pin.

Important

Use a type of hitch pin that will not allow the auger to separate from the towing vehicle.

5. Beware of overhead obstructions and electrical wires. These augers have a minimum clearance from 7'6" to 15'6" (2.29 m to 4.72 m).

Figure 9. Connect the Stabilizer Bar**Figure 10. Secure the Stabilizer Bar**

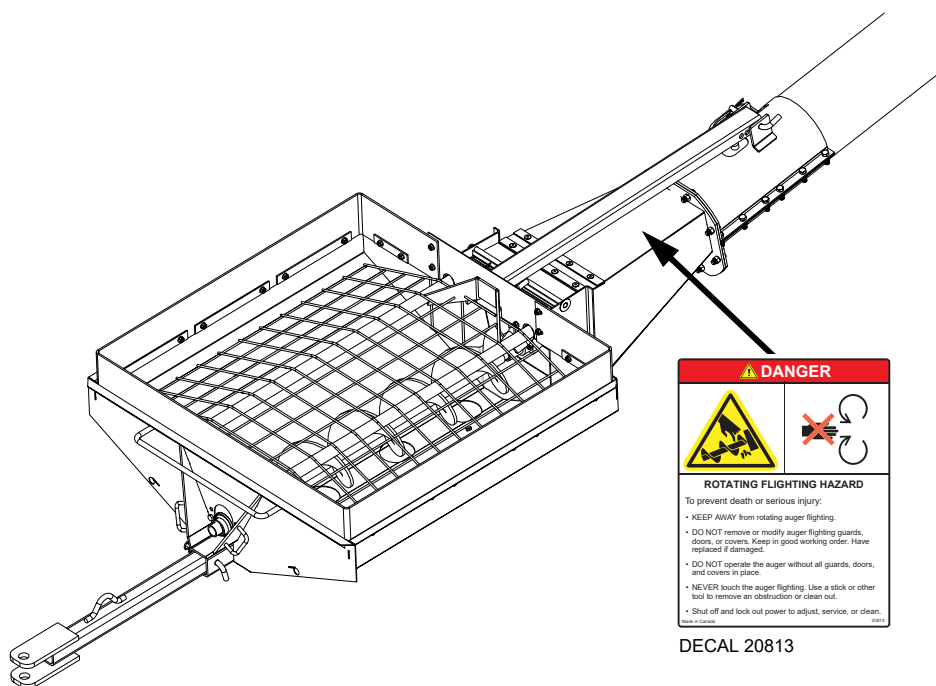
If Moving the Auger Between Bins:

1. Ensure the auger is empty and lower the auger until the stabilizer bar can be secured in one of the holes with saddle pin and snap pin. Slowly move to an adjacent bin. Or alternatively, if it is not possible to lower the auger, lift the hopper and have a second person align and secure the stabilizer bar.
2. If required, re-attach the tow bar to the auger and move with a tractor.
3. Remove the tow bar and position the auger in desired location.
4. Disconnect the stabilizer bar at the top end and place saddle pin back through hole and secure with hairpin.

Maintenance

- Frequently, or every eight hours of operation, open the service door and grease bushing the u-joint. Close the door.
- Replace safety decals that are missing or have become illegible.

Figure 11. Safety Decal Location



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