



Tow Pole Hitch Kit, Pintel, Stamped, 1 in Pin

End-Dump Concrete Mixer

Form No. 3381-180 Rev A

Model No. 68130

Model No. 68131

Model No. 68132

Addendum

Setup

Loose Parts

Use the chart below to verify that all parts have been shipped.

Procedure	Description	Qty.	Use
1	Tow Pole	1	Attach the clevis pin and cable to the tow pole.
	Clevis pin and cable	1	
	Screw (10-24 x 5/8 inch)	1	
	Locknut (10-24 inch)	1	
2	Hitch assembly	1	Shim the hitch assembly.
	Flanged-head bolt (1/2 x 4-1/2 inch)	2	
	Washer (1/2 inch)	2	
	Locknut (1/2 inch)	2	

Note: If necessary, attach the clevis pin and cable to the tow pole, and as needed, shim the hitch assembly before installing the tow pole onto the machine.

Note: Ensure that the cable points toward the mounting bracket of the tow pole and is angled 45° to the side as shown in Figure 1.

1

Attaching the Clevis Pin and Cable to the Tow Pole

Parts needed for this procedure:

1	Tow Pole
1	Clevis pin and cable
1	Screw (10-24 x 5/8 inch)
1	Locknut (10-24 inch)

Procedure

Use this procedure if the clevis pin and lanyard is not factory installed on the tow pole.

1. Align the hole in the mounting tab of the cable to the 4.7 mm (3/16 inch) hole in the top of the tow pole (Figure 1).

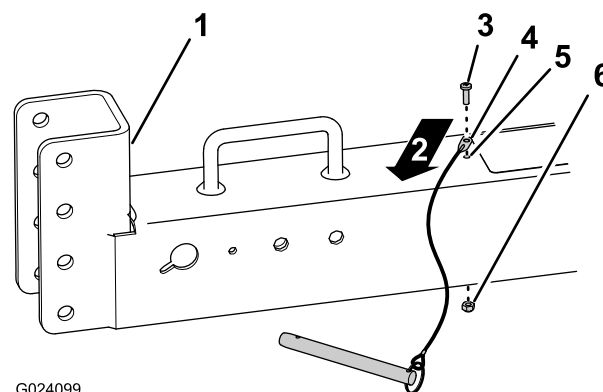


Figure 1

- | | |
|--------------------------------|-------------------------|
| 1. Mounting bracket (tow pole) | 4. Mounting tab (cable) |
| 2. 45° | 5. Hole |
| 3. Screw (10-24 x 5/8 inch) | 6. Locknut (10-24) |

2. Secure the mounting tab of the cable to the tow pole with the screw (10-24 x 5/8 inch) and locknut (Figure 1).



2

Shimming the Hitch Assembly

Parts needed for this procedure:

1	Hitch assembly
2	Flanged-head bolt (1/2 x 4-1/2 inch)
2	Washer (1/2 inch)
2	Locknut (1/2 inch)

Procedure

Use this procedure to reduce the gap between the mounting plate of the tow pole and the hitch assembly.

Note: The stamped ball hitch assembly is shown, the installation of the pintel and 1 inch pin hitch assemblies are similar.

- Check the relationship between the hitch of the machine and the hitch of the tow vehicle (Figure 2), and mount the hitch assembly in 1 of the following positions:
 - If the hitches are approximately the same height, keep the hitch assembly in the middle position of the mounting plate.
 - If the hitch of the tow vehicle is high, mount the hitch assembly in the top position.
 - If the hitch of the tow vehicle is low, mount the hitch assembly in the bottom position.

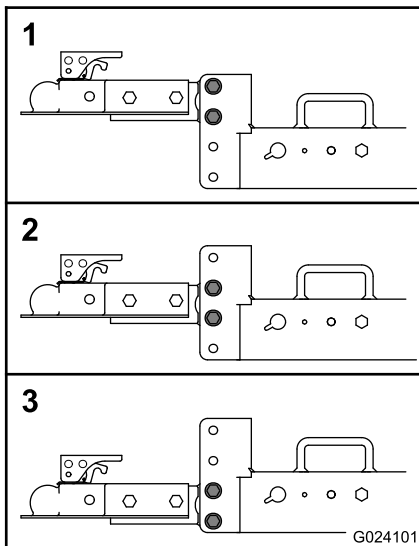


Figure 2

- Top position
- Middle position
- Bottom position

- Partially insert the 2 flanged-head bolt (1/2 x 4-1/2 inch) through the holes in the mounting plate with 3.1 mm (1/8 inch) of the threads projecting to the inside of the bracket (Figure 3).

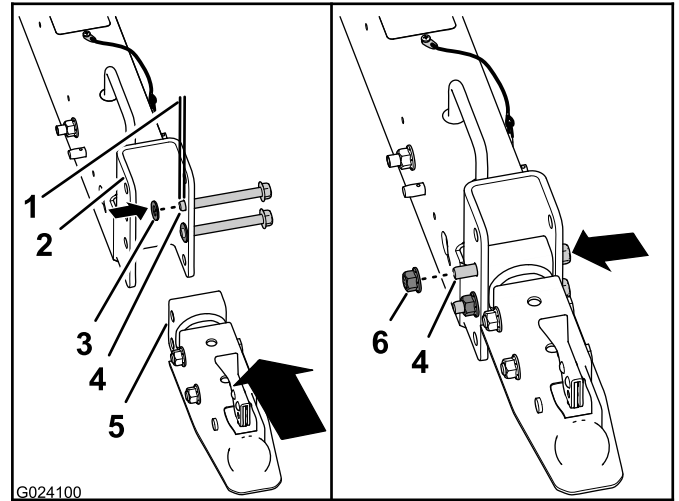


Figure 3

- 3.1 mm (1/8 inch)
 - Mounting bracket
 - Washer (1/2 inch)
 - Flanged-head bolt (1/2 x 4-1/2 inch)
 - Hitch assembly (stamped ball shown)
 - Locknut (1/2 inch)
- Slip a washer (1/2 inch) over the threaded end of each of the bolts (Figure 3).
 - Align the holes in the hitch assembly with the holes in the mounting plate (Figure 3).
 - Fully insert the bolts through the hitch, washers, and plate (Figure 3).
 - Thread the 2 locknuts (1/2 inch) into the bolts (Figure 3) and torque them to 102 N-m (75 ft-lb).