Shut down the tractor and remove the key before repairing, servicing, lubricating or cleaning the machine.

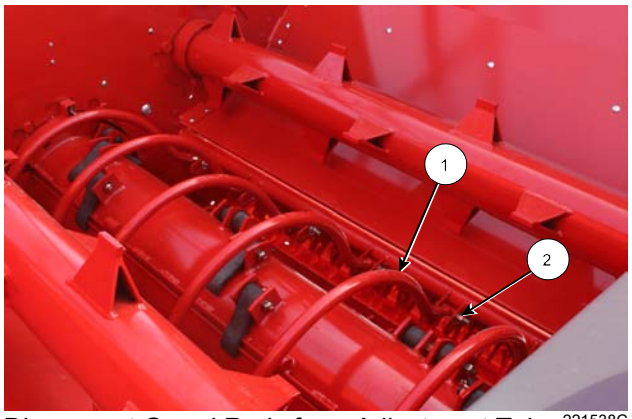
Relieve all hydraulic pressure in the hoses. Disconnect the hydraulic hoses from the tractor before going near the machine.

Securely block the machine to avoid any movement while doing the work.

Do Not Enter Tub While Parts Are Rotating

Before entering the tub:
- Turn off the tractor and remove the key.
- Wait for rotating parts to stop

Contact with the rotating flail drum will cause serious injury or death.



Disconnect Guard Rods from Adjustment Tube 221538C

Removing Parts

1. Disconnect the existing guard rods (1) from the adjustment tube tabs by removing the bolts, flatwashers and locknuts (2).
   - Discard this hardware.

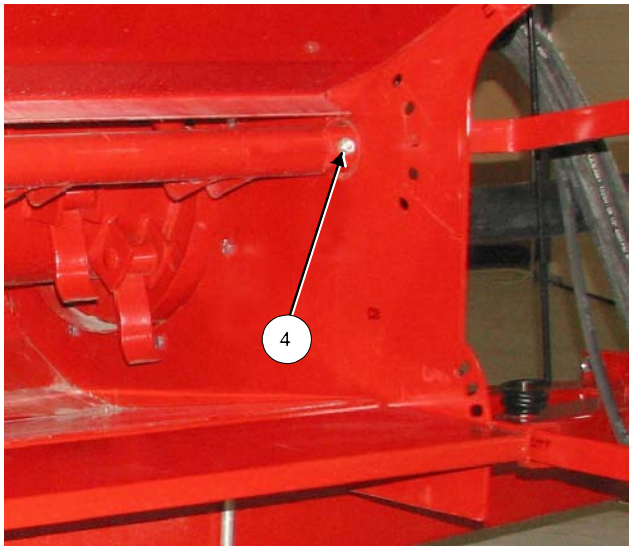
   - Leave the other end of the guard rods connected to the tub wall.

   - Allow the guard rods to rest on the flail drum.

Leave Other End of Guard Rod Connected 218168

2. Near the inside of the front tub wall, remove the adjustment handle nut, flatwasher, slotted spacer and bolt (4) on the guard rod adjustment tube.

   - Keep the hardware and spacer to be used again.



Remove Adjustment Handle Hardware 218167C

3. Remove the hardware and rear pipe from the adjustment tube.
   - Keep the pipe and fasteners to be used again.

4. At the outside of the front tub wall, slide the adjustment handle (5) out of the adjustment tube.

   - Support the adjustment tube on the inside of the tube wall while removing the handle.

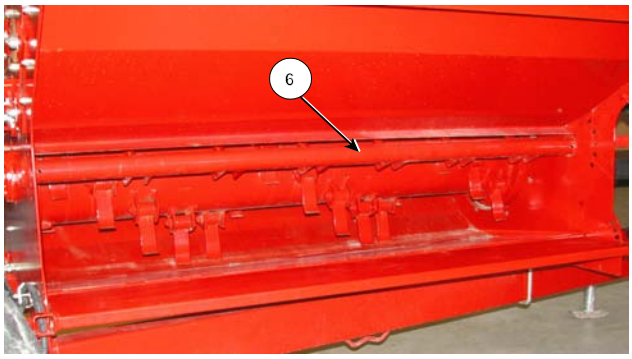
   - Keep the handle to be reinstalled later.

Remove Adjustment Handle, Support Tube 218169C

5. Remove the adjustment tube (6) from the flail drum area.

   Note: If a Feed Chopper is installed it may be necessary to move the chopper to remove the tube.

   - Discard the adjustment tube.

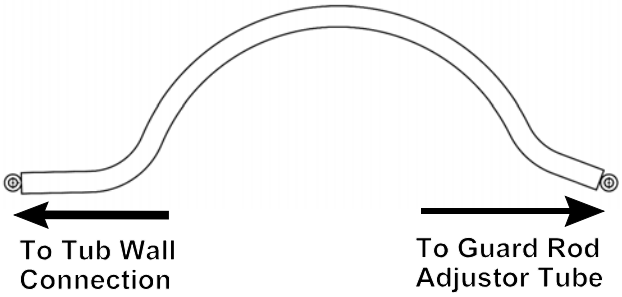


Remove the Adjustment Tube 218170C

Installing Parts

1. Lay the new guard rods on the flail drum in the orientation shown in the diagram.

   - Note the bends on the tube.
     - The bend on the rod determines which way to install the rod.
     - Use the diagram to determine the tub wall end and the rod adjustor end.



Note Rod Bends for Installing Rods 40522_AC

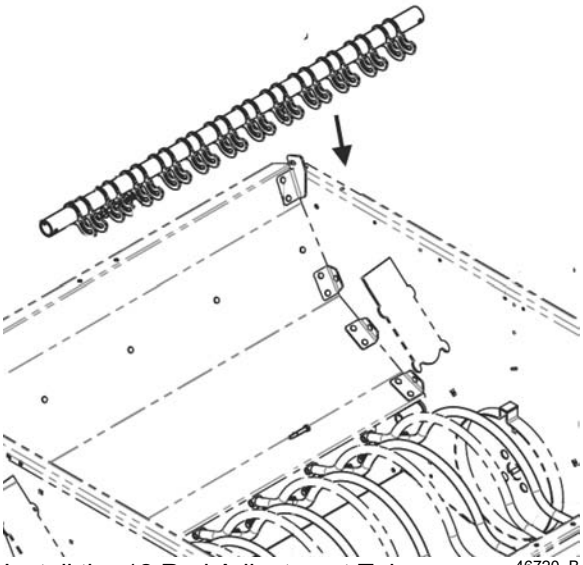
2. Connect the new guard rods to the left tub wall mount tabs using the new ½" x 3" hex bolts and stover nuts.
   - Ensure the bolts are loose enough to allow the guard rods to be moved into all positions.

Connect All the Rods to the Tub Wall Tabs 218172

3. Install the 12 rod adjustment tube into the flail area.
   - The tabs on the adjustment tube should point toward the flail drum and slope downward.

   Note: If a Feed Chopper is installed it may be necessary to move the chopper to install the tube.

   - Insert the tube into the rear tub wall.


Install the 12 Rod Adjustment Tube 46720_B

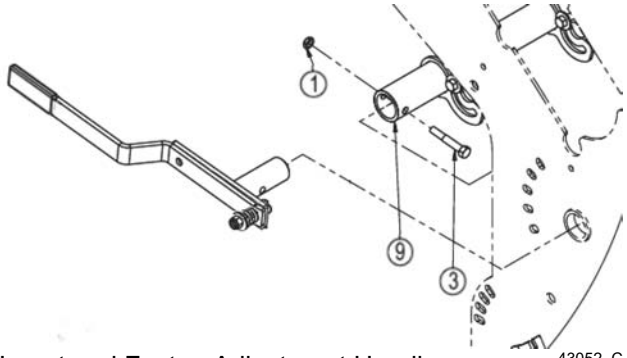
Installed 12 Guard Rod Adjustment Tube 218171

4. Replace the rear pipe and hardware into the adjustment tube.

5. Replace the adjustment handle through the front tub wall and into the adjustment tube.

6. Slide the adjustment handle over the adjustment tube (9).

7. Fasten the adjustment handle onto the tube with the bolt (3) and nut (1) removed earlier.



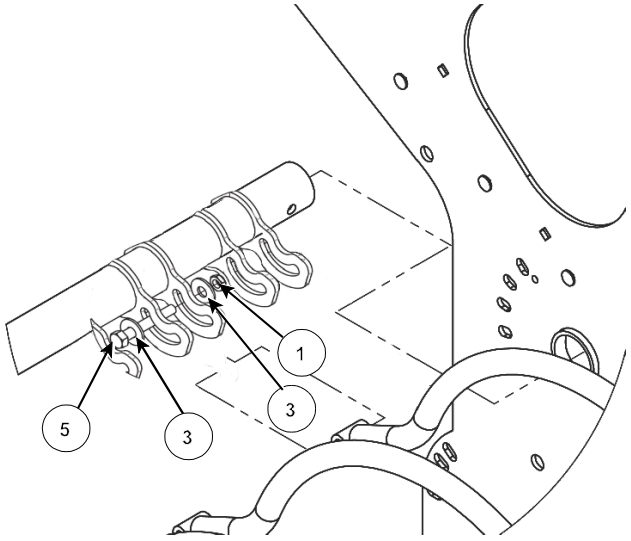
Insert and Fasten Adjustment Handle 43052_C

8. Move the aggression level handle to position 1.

9. Place all the guard rods (8) into the tabs of the adjustment tube.

   - Fasten the rods into the tabs with a new ½" x 3-1/4" hex bolt (5), a ½" flatwasher on the outside of both tabs (3).
     - Use blue Loctite on the bolts to prevent the nuts (1) from self-loosening.

   - Ensure the bolts slide freely allowing the guard rods to move through each setting smoothly.



Attach Guard Rods to the Adjustment Tube 221539C

10. Move the aggression adjustment handle to all the positions to ensure free movement of the handle and guard rods.