

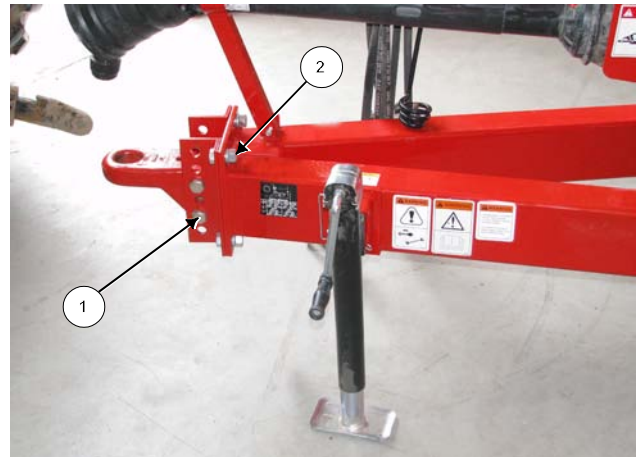


Shut down the tractor and remove the key before repairing, servicing, lubricating or cleaning the machine.

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

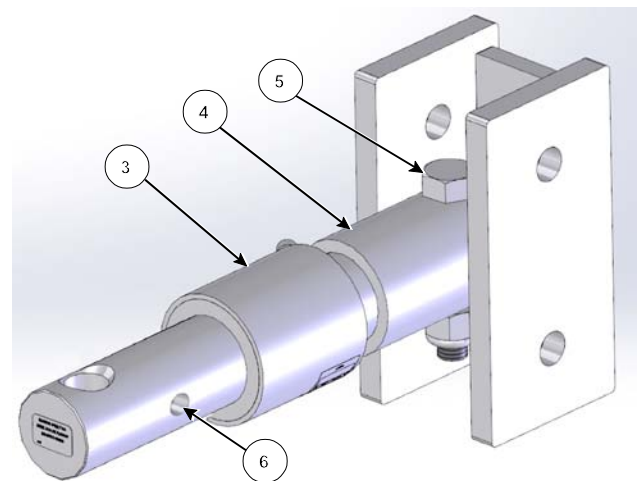


1. Park the machine on level ground.
2. Support the hitch with the hitch jack.
3. Remove the hitch connector from the angle supports.
 - Remove the 2 bolts (1) to remove the hitch connector and safety chain.
 - The bolts and locknuts will be re-used.
 - Loosen the 4 bolts (2) connecting the angle supports to the frame.
4. Place the load cell (3) into the hitch mount tube (4).
 - Ensure the end with the vertical and horizontal holes (6) is furthest from this mount.
 - Fasten with 3/4" x 4" bolt (5) and a locknut.



Hitch Supported With Jack

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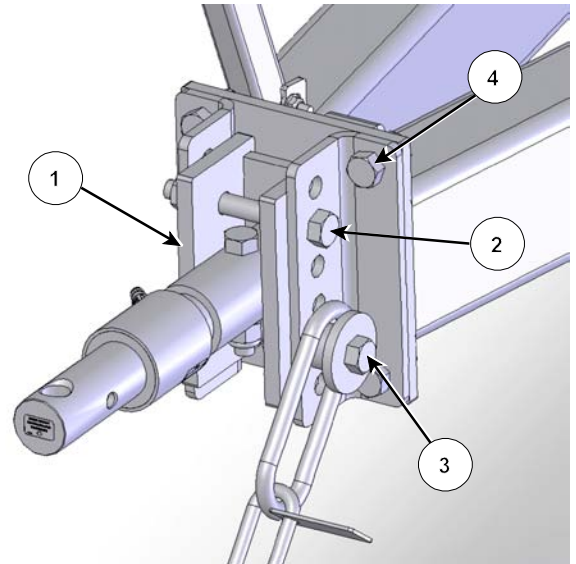
Place Load Cell Into Hitch Mount Tube

217219C

5. Place the hitch load cell mount (1) between the hitch brackets.

Note: In this application the load cell is used with the arrow on the front of the cell pointing upward.

- Fasten the load cell mount to the angle bracket with the upper bolt (2) and a locknut that was removed earlier.
- Place the safety chain and bushing over the lower bolt (3).
- Place the lower bolt through the hitch brackets and fasten with the locknut.
- Tighten the 4 bolts (4) on the angle support mount brackets that were loosened in step 3.

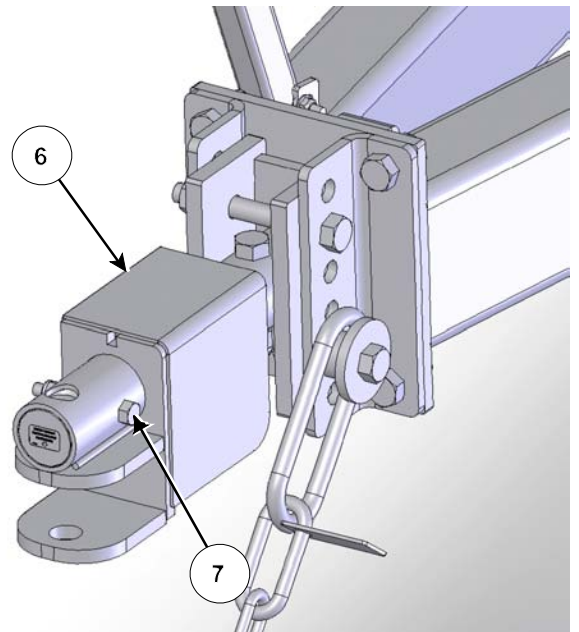


Fasten the Load Cell Into the Hitch Mount

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6. Place the load cell front (6) onto the load cell.

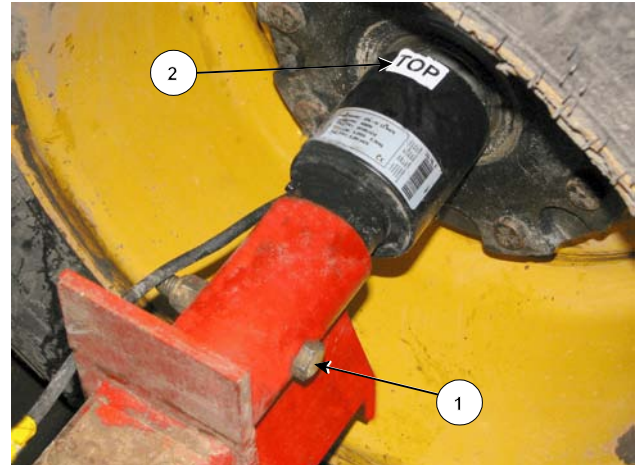
- Route the wire from the load cell to the left side of the machine.
- Fasten with $\frac{1}{2}$ " x $3 \frac{1}{2}$ " bolt and locknut (7).



Fasten Load Cell Front Onto the Load Cell

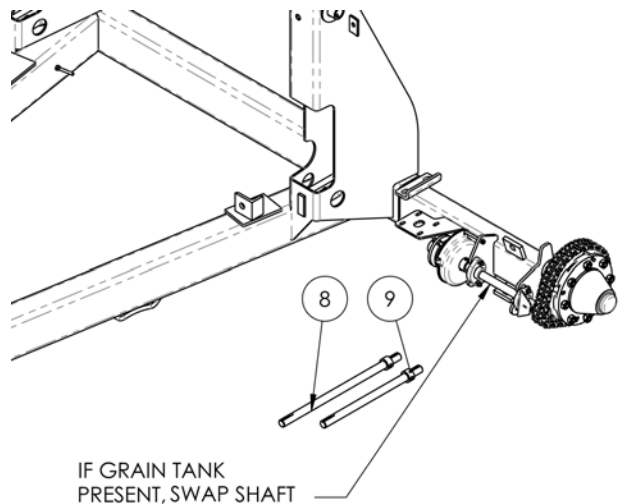
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7. Block up one of the axles.
8. Remove the tire.
9. Remove the bolt (1) holding the existing spindle and hub.
 - The bolt and nut will be reused.
10. Remove the hub from the spindle.
11. Install the hub onto the load cell spindle.
 - Take care to not damage the oil seal when installing the hub onto the new spindle.
12. Install the load cell spindle with a hub into the axle.
 - Use the bolt that was removed previously.
 - Ensure the load cell is positioned so that the label "Top" (2) is upwards.
13. Install the load cell spindle onto the other axle.
 - Replace the hub onto the new load cell spindle.
 - Ensure the load cell is positioned so that the label "Top" is upwards.
14. If a Grain Tank is present on the machine, remove the existing drive shaft and replace with:
 - For CFR650 Grain Tanks use the 20 7/8" shafts (8).
 - For CFR651 and CFR960 Grain Tank use the 17 5/16" shafts (9).
15. Run the connector wires from the spindles and the hitch along the frame toward the front tub wall.



Hub On Load Cell Spindle - In Axle

214123C



Replace Grain Tank Drive Shaft

41658_A

16. Mount the connector block (1) to the front tub wall.

Note: If no holes are present in tub wall, use a 11/64" drill bit to drill holes for the mounting block. Use the block as a guide for drilling.

- Use the included 8-32 x 1-1/2" machine screws and nuts to attach the block to the tub wall.

17. Connect the wires from the 2 axles and the hitch load cell to the connector block.

- Run the wires where they will not be pinched or be subject to abrasion.
- Fasten the wires to secure points using zip ties.



Mount Connector Block - Connect Wires

217200C

18. Run the connection for the display from the tractor to the connector block.

- Connect to the block.
- Run the wires where they will not be pinched or be subject to abrasion.
- Fasten the wires to secure points using zip ties.

19. Mount the weigh scale display in the tractor.

- Connect to a power supply.
- Connect to the connector block.

20. For Digistar Scale setup see the Weigh Scale manual on how to enter the following numbers:

- Enter the Setup value as 145016.
- Set the Calibration number to 24000.



Weigh Scale Display

214125

21. Refer to the Scale manual for operating information.