

Installation of Mechanical Actuator Valve on the Bale Pro 7000 with a Feed Chopper and EZ Feed II

Note: Use this Mechanical Actuator Valve (MAV) Kit when the EZ Feed II Option is mounted on the Bale Pro 7000 with a Feed Chopper Option also installed. The shorter actuator rod and bracket allows the auger of the EZ Feed to reach the processor tub.



Park the Bale Pro on level ground.

Disconnect the Bale Pro from the tractor driveline and hydraulics.

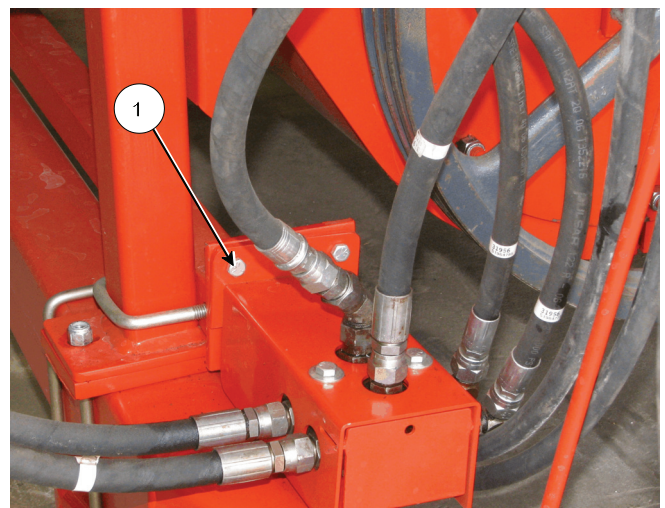
Securely block-up the Bale Pro to prevent movement while assembling.

If the installing the Feed Chopper and Grain Tank at the same time -

- refer to the Feed Chopper Assembly instructions for removing the existing MAV and hardware.
- Skip to Step 6 of these instructions for installation of the shortened MAV and bracket onto the right of the Bale Pro.

If the Feed Chopper Option has been installed and the MAV is installed on the right of the Bale Pro, then start with Step1.

1. Remove the existing hydraulic hoses from the MAV.
 - a. Label the hoses for reconnecting later.
2. Remove the fasteners (1) holding the MAV housing to the actuator rod holder.
 - a. The fasteners will be re-used to mount the MAV housing.

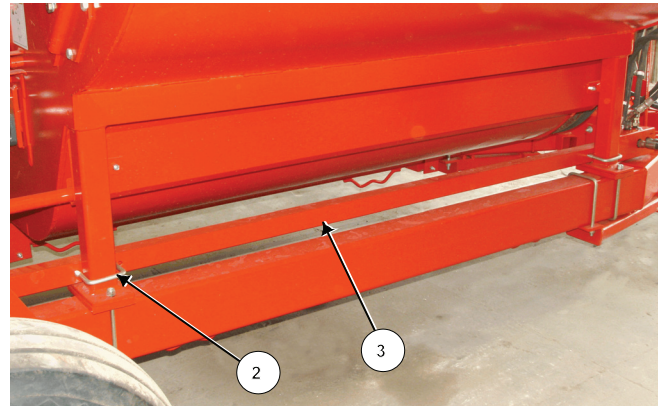


Remove Hydraulic Hoses and MAV Housing

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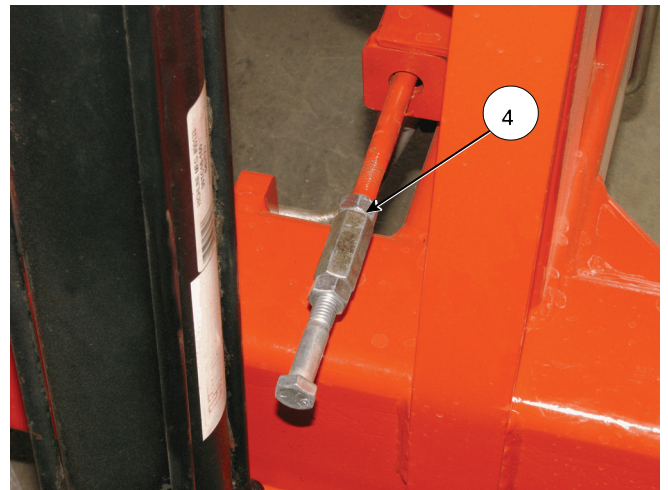
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3. Remove the actuator rod angle bracket (3).
 - a. Remove the u-bolts (2) that hold the bracket to the tub legs.
 - i. One of the u-bolts and nuts will be re-used.
 - b. Remove the angle bracket (3) and actuator rod.
4. Remove the jam nut and coupling nut (4) (with the bolt and jam nut) from the actuator rod.
 - a. These will be used on the new actuator rod.
5. Discard the bracket and rod.



Remove the Actuator Rod & Bracket

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Remove the Coupling Nut and Fasteners

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6. Install the short MAV bracket on the right rear tub leg.
 - a. Fasten with the $\frac{1}{2}$ " x $2\frac{1}{2}$ " x $3\frac{1}{2}$ " u-bolt and locknuts.
 - b. If the long MAV bracket has been removed, re-use the u-bolt and locknut.



Install the Short MAV Bracket

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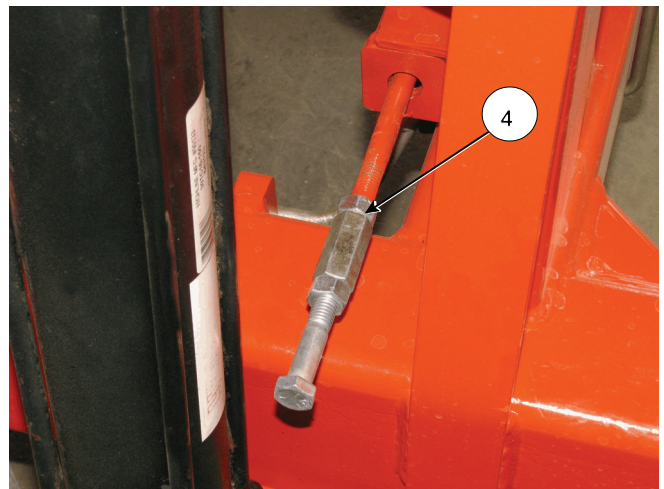
7. Place the threaded end of the short actuator rod into the MAV mount bracket and through the tab on the bracket.



Actuator Rod Through Bracket

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8. Install the jam nut and coupling nut (4) (with the bolt and jam nut) onto the actuator rod.

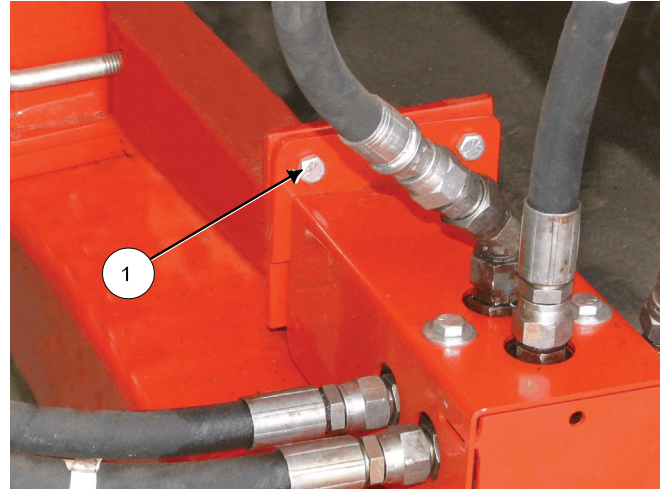


Install Coupling Nut and Fasteners

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9. Mount the MAV housing to the bracket using the 3/8" bolts and nuts (1).
10. Connect the 3/8" x 56" hose extensions to the MAV.
11. Connect the extension hoses with the adaptors to the hoses removed from the MAV.



Mount the MAV Housing & Connect Hoses

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12. Adjust the bolt at the end of the actuator rod.
 - a. For an initial setting, place the bolt to extend 1" from the frame member.
 - b. Adjust the bolt later so that the valve stub on the right fork will push on the actuator rod.



Adjust The Actuator Bolt

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