

Auxiliary Hydraulics

If It Didn't Come With It, We say add it!



PL318 INSTALLATION INSTRUCTIONS: Positive Lockout Valve For 316 (ONAN), 318, 322, 330, 332 John Deere Garden Tractor.

PREPARE TRACTOR:

- 1 Park tractor safely on a level surface.
- 2 Stop engine and remove key.
- 3 Disconnect the battery.
- 4 Let tractor cool completely.
- 5 Remove Fender Deck.

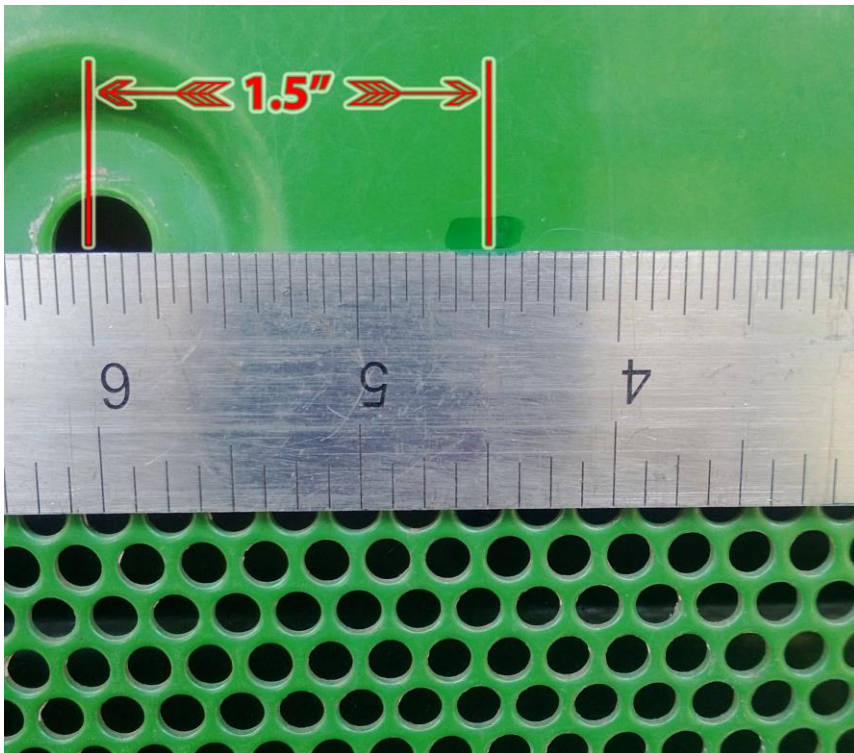
INSTALL REAR HYDRAULIC KIT

- 1 Assemble positive lockout as shown. Short hose connects into the side of the lockout valve. Hose ends connecting to the valve are pipe thread. Use PTFE compound (Pipe Dope) on threads. Never use tape on hydraulic fittings. Use hydraulic oil on all other fittings. **Do not connect u-bend line until after the assembly is mounted on the tractor.**

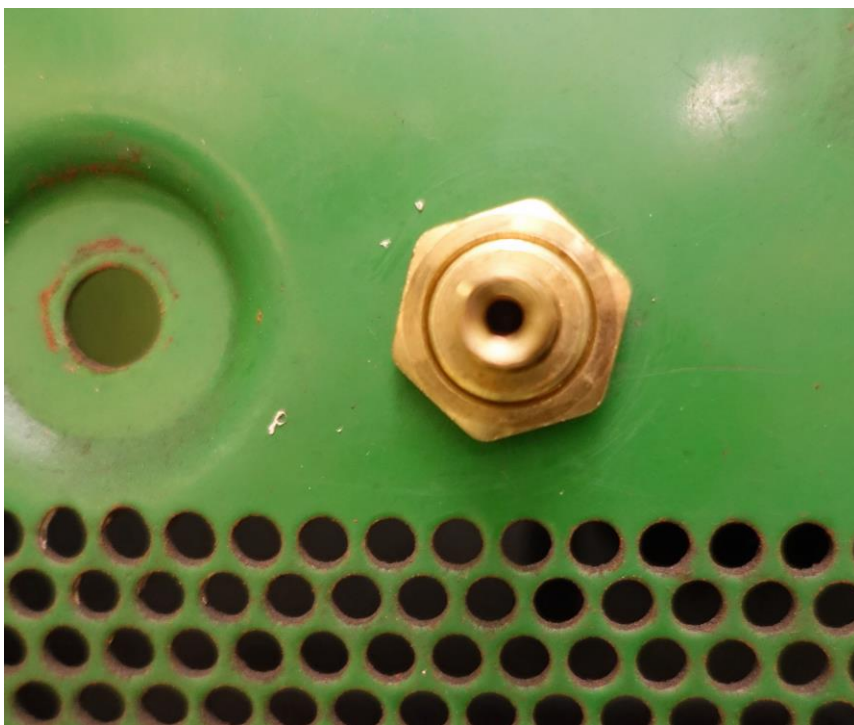


The following mounting location is for reference only. If you wish to mount the positive lockout valve in other locations, do so while being sure the valve will fit in and the hoses will reach to your chosen location.

2 Mark Location @1.5" to the right of the choke knob and drill a 5/8" hole. Note: Tractors without choke cable hole can use 3.75" from the left side of panel and 6.25" up from the bottom of the panel as location for the positive lockout valve hole center point.



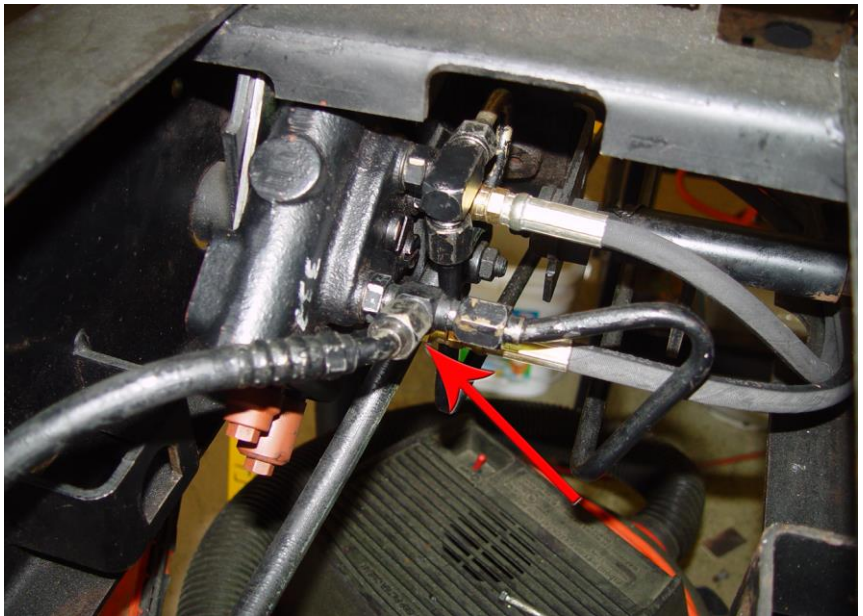
3 Mount lockout valve in hole drilled. Tighten jam-nut securely. Note: The stiff hydraulic hoses hold the valve in position as much as the panel. Panel Strength is not necessarily a critical.



4 Install knob.



5 Locate hose running from the FRONT of the rear hydraulic cylinder then disconnect hose at the hydraulic control valve. Loosen the nut securing the hydraulic line to that tee fitting. Loosen the jam nut securing the tee fitting to the control valve.

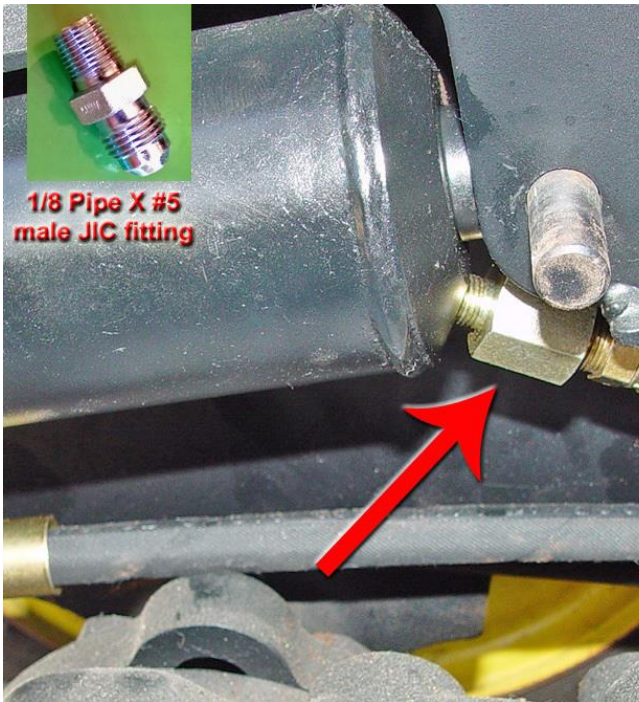




- 6 Connect tube u-bend to control valve fitting. Connect short furnished hose to the u-bend and into the side of the lockout valve. Tighten fittings securely. Tighten the tee fitting jam nut and the tube nut loosened above securely at this time.



- 7 Install the 1/8" pipe X #5 male JIC fitting in the FRONT port of the rear hydraulic cylinder. Connect long hose running from Positive Lockout to FRONT PORT of rear hydraulic cylinder.



GO OVER THE ENTIRE INSTALLATION AND TIGHTEN ALL FITTINGS AND HOSES SECURELY. BE CERTAIN HOSES DO NOT LIE AGAINST MOVING PARTS OR SHARP EDGES.

GO OVER THE ENTIRE INSTALLATION AND TIGHTEN ALL MOUNTING AND ATTACHING BOLTS AND SCREWS. LOOK FOR BRACKETS AND PARTS NOT PROPERLY POSITIONED.

ASSEMBLE TRACTOR

1	Check to be certain electrical wiring is properly oriented and secured. Electrical wiring lying against moving parts or sharp objects is a FIRE HAZARD.
2	Reconnect battery.
3	Reinstall fender deck.

THE HYDRAULIC SYSTEM IS SELF-PURGING. WITH THE VALVE IN THE OPEN POSITION, CONNECT IMPLEMENTS TO FRONT AND REAR HYDRAULICS AND CYCLE TO FULL STROKE AT LEAST 3 TIMES.

YOUR HYDRAULIC KIT IS NOW READY FOR USE.