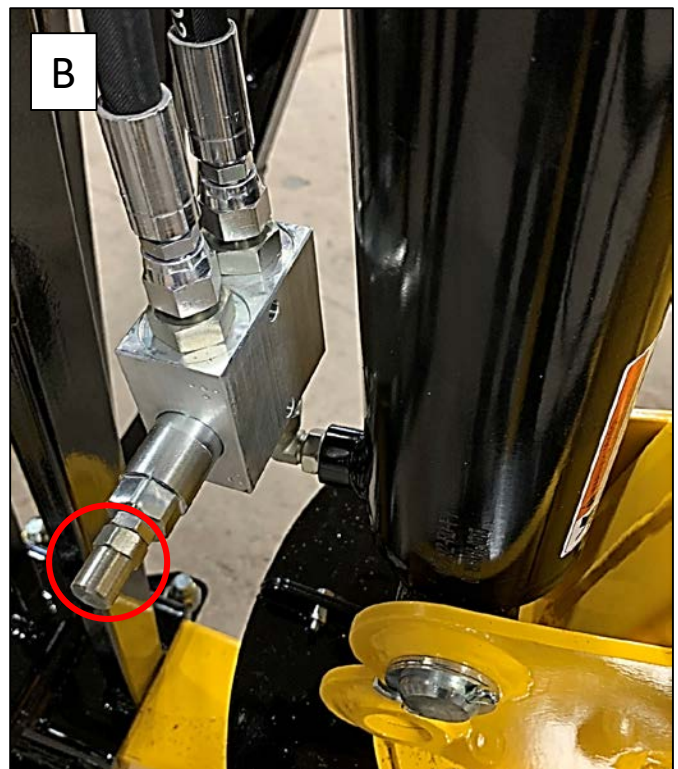


## Pressures adjustment on a M-115

1. Install the 2 hydraulic hoses to the tractor. The hose on the relief valve side must be plugged to the tractor's pump side and the pressure gauge has to be plugged on that line. The other hydraulic hose goes on the tank side to the tractor.
2. A minimum of 3000 psi and a maximum of 7 gal/min from the tractor is needed for the next steps. With a 13 mm wrench, unscrew the relief valve lock nut (A) then, with a 4 mm Allen wrench, screw completely the Allen screw.

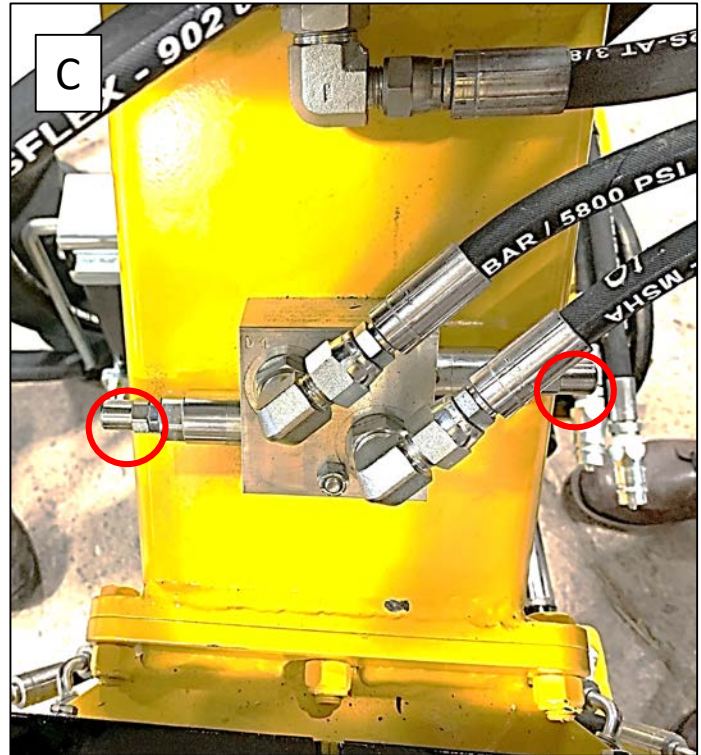
**Note:** If you are in repair mode (without pressure-gauge) or the tractor is unable to get 3000 psi, each port relief has an approximate amount of turns to unscrew from totally screwed.

3. Proceed to the pressure adjustment of the boom arm. Pull on the big arm of the right side until the end of stroke in order to force. With a 13 mm wrench, unscrew the lock nut then adjust with an Allen 4 mm wrench the adjustment screw of the relief valve mounted on the cylinder (B) until obtained 2100 psi (5 ½ turns).



## Pressures adjustment on a M-115

4. Proceed to the pressure adjustment of the rotation. Turn the left big arm to the right side until the end of stroke in order to force. The relief valve is lower on the block valve support (C). With a 13 mm wrench, unscrew the lock nut then adjust with an Allen 4 mm wrench the adjustment screw of the left side until obtained 2100 psi (7 turns). Turn the big arm to the opposite side and make the same process with the right adjustment screw until obtained 2100 psi (7 turns).
5. Adjust the main relief valve (A) pulling on the center arm (grapple closing) until the end of stroke in order to force. Adjust at 2450 psi (4 ¼ turns). Screw on the lock nut.



Tool needed:

- Wrench 13 mm (1/2)
- Allen wrench 4 mm (5/32)
- Flat screwdriver
- Pressure gauge (min 3000 psi)

Required time: 30 minutes