



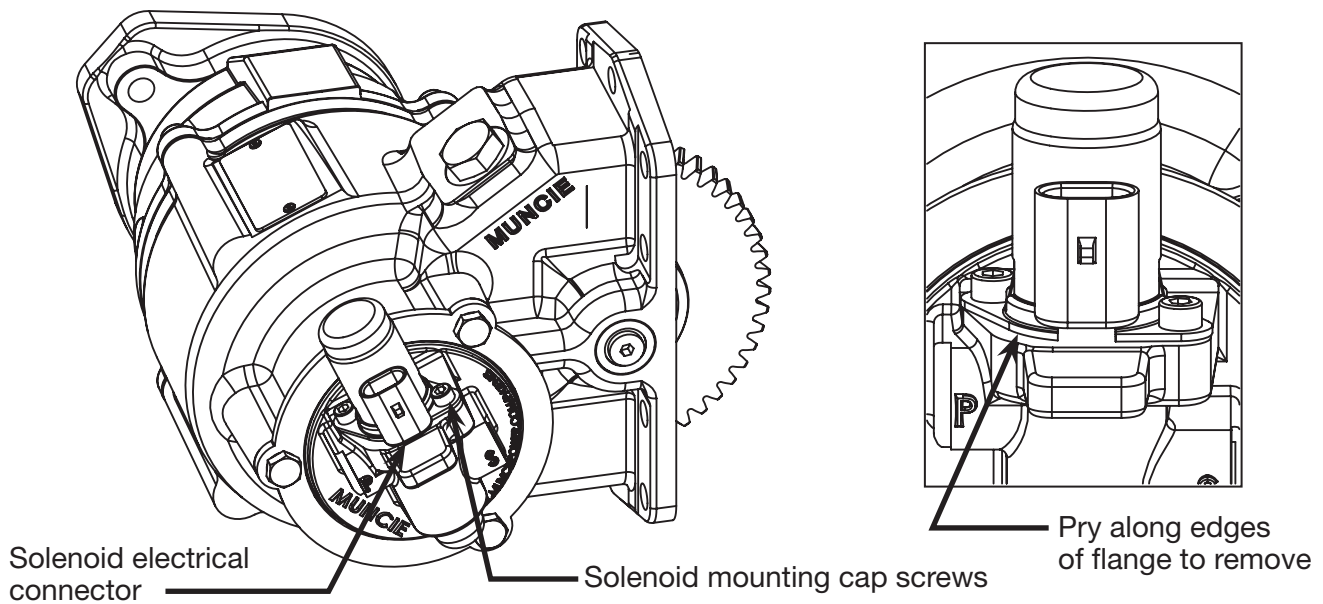
A20 Series PTO Solenoid Valve Replacement

This instruction covers the correct method for removal and replacement of the solenoid valve in A20 series PTOs. In some instances, it is possible to perform this repair with the PTO installed on transmission.

⚠ NEVER GO UNDER VEHICLE WITH ENGINE RUNNING!

List of required tools:

- 5/32" Hex Key (will be used on torque wrench)
- Flat Screwdriver
- Inch-Pounds Torque Wrench



1. Clean area around solenoid valve prior to beginning removal process. This is to minimize potential for contaminants to fall into valve cavity during removal/replacement. If PTO is to remain installed on transmission during this repair, disconnect solenoid wiring from solenoid valve.
2. Remove two hex head cap screws holding solenoid valve to the valve body. Cap screw hex is 5/32".
3. Use a flat screwdriver to gently pry solenoid out of cavity. Work around edges of solenoid flange until solenoid can be pulled straight out of cavity. **DO NOT TWIST SOLENOID TO REMOVE! THIS WILL RESULT IN DAMAGE TO THE SOLENOID!**
4. Clean area again, making sure no debris enters solenoid valve cavity.
5. Install new solenoid valve by pushing it into cavity. Position electrical connector on solenoid can away from PTO body. Line up holes for mounting fasteners prior to seating valve completely.
6. Install solenoid valve mounting cap screws. Torque to 48 in.lbs.
7. If applicable, reconnect PTO solenoid wiring.



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