

# PSR-5 6L80 & 6T70 Pressure Switch Repair

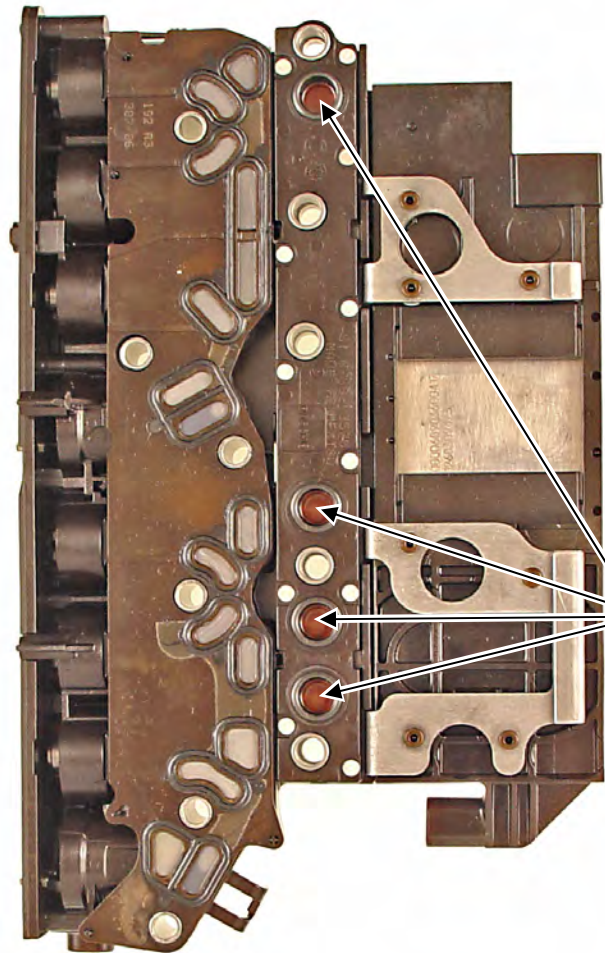
Repair kit for replacing damaged pressure switch diaphragms.  
Fixes Pressure Switch Leaks, Restores Switch Function!  
*Keeps \$\$\$ in your pocket!*



## TEHCM Assemblies

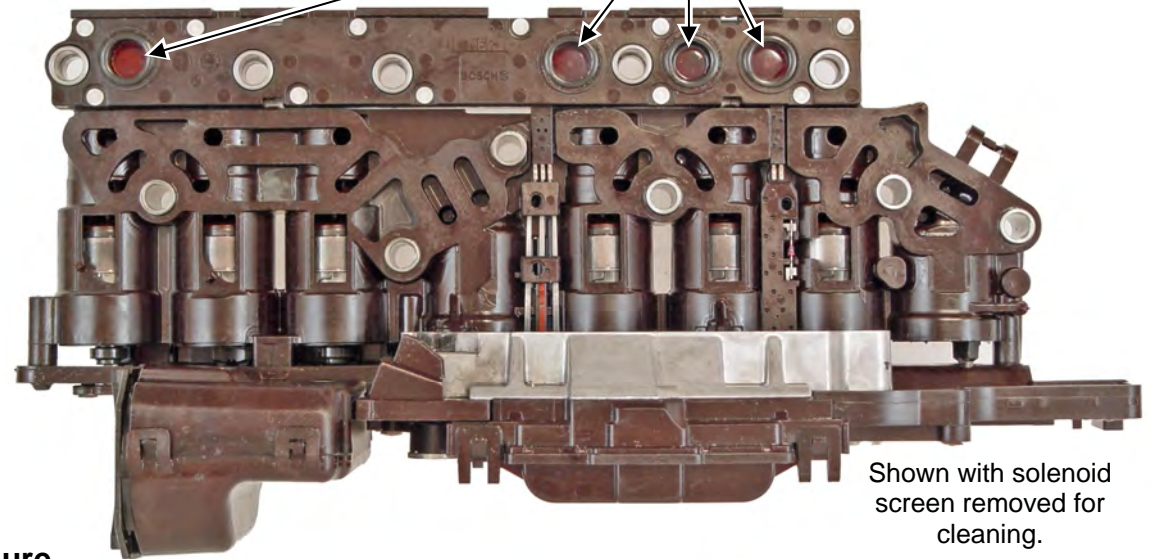
Pressure Switches

6T70



Pressure Switches

6L80



### Heads Up!

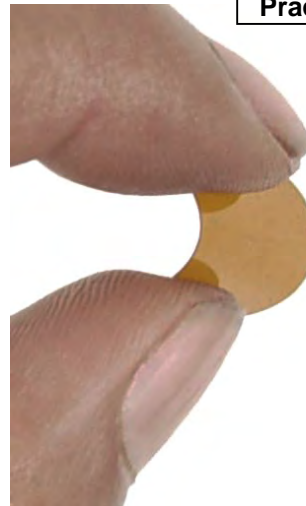
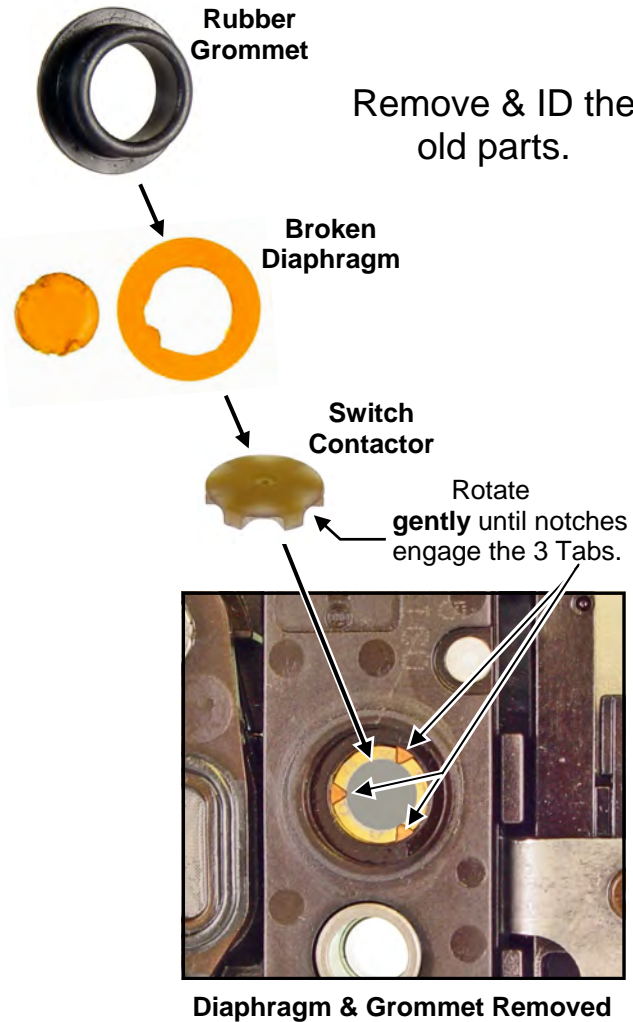
Typically, at least 2 of the pressure switches in the assembly **will be blown out or damaged**. Your choice is to **repair the TEHCM or replace it with a new TEHCM from the dealer & have it programmed**.

This kit has the parts and tech to fix the TEHCM **IF it has blown out pressure switches only**. It will **NOT** save a TEHCM with bad solenoids causing **solenoid performance** codes or solenoid circuit codes!

## PSR-5 6L80 & 6T70 Pressure Switch Repair

Enclosed are the parts you need to **repair** the pressure switches. It does take a bit of talent but mostly **PATIENCE** to get it done. You only need to repair the switches that are damaged.

We've had many techs perform this task with great success. With a little practice all 4 switches take about 10 minutes to replace.



Pinching Diaphragm for installation.

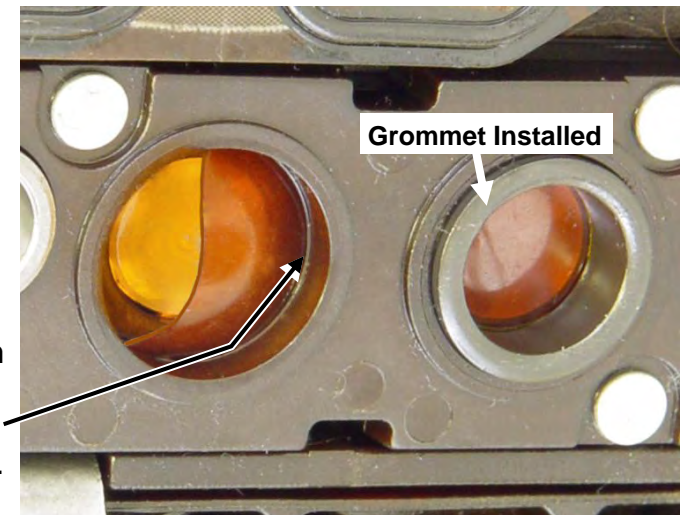
Pinched Diaphragm inserted into switch cavity and started under plastic frame.

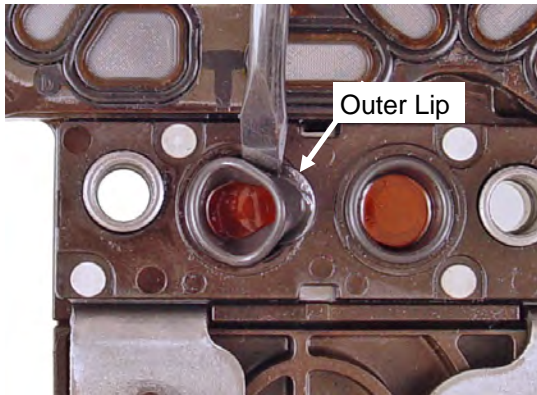
### Testing switches:

Using a flat washer and a rubber tip blow gun, place the flat washer over the rubber grommet and insert the blow gun tip into the center of the washer. Air check each switch that is not visibly damaged and make sure they hold air. **If they do**, they are ok.

If they don't, or you see they are visibly damaged, remove the rubber grommet, the damaged diaphragm and insure the switch contactor is in place. Pushing on the switch contactor, you should **feel** a noticeable click as you release pressure off the contactor.

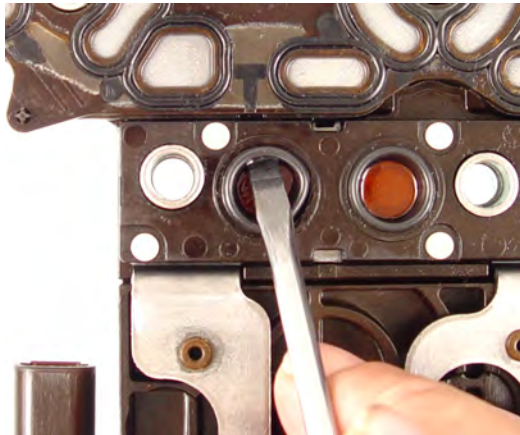
Take one of the new diaphragms, gently pinch the diaphragm into the shape of an upside down taco shell. Insert it as shown below into the switch hole making sure you guide it under the lip of the plastic. Using a small **flat-blade** screwdriver, work the rest of the diaphragm into the hole until it lays flat on the switch contactor. You may use a pencil eraser to move it left or right till it drops in place. **Continued on next page.**





A **Small Flat Blade** screwdriver works best for doing this!

Pinch the Grommet to start the outer lip under the plastic. Work the outer lip under plastic with a small screwdriver.



Use the small screwdriver to push behind the outer lip (from the inside) to wedge it under the plastic.



You may have to pull the top of the grommet back slightly to make sure the lip is going under the plastic.

*6T70  
TEHCM  
Shown.  
6L80 uses  
same  
procedures.*

## Rubber Grommet Installation

Installing the grommet is done by **patiently coaxing it** into position. You **must** get the **outer lip** of the grommet to go **under** the plastic housing. This is what seals the switch. Lube the grommet & diaphragm with 90w gear oil or something equally as slippery. Treat this just like you would a small child– with patience! The first one is always about getting the knack of doing it. Be successful and you'll be putting cash in your pocket for each of these assemblies you didn't have to buy new & then program.

## Final Testing

Using a flat washer on the rubber tip of a good blow-gun, make sure the switch does not leak. It should seal tight. Do the air test with 30 psi. If it holds, it's ok. It will be too hard to hold the blow gun in place to use full shop air.

**Final test:** Use a pencil eraser to gently push into the center of the switch to feel the switch click as you let up on it. Use one of the other switches to compare. The new grommets **will** be taller than old ones. It's OK!

