



Technical Service Information

GM 5L40E / BMW A5S360R

LOW & ERRATIC LINE PRESSURE

COMPLAINT: The transmission slips through the gears, line pressure is low and unstable. Inspection of the internal transmission parts indicates that clutch damage is present.

CAUSE: The Actuator Feed Limit Valve (AFL) bore is severely worn and the anodized valve is damaged, (Refer to Figure 1 Below).

CORRECTION: Since no repair kits are available at this time for this transmission a valve body will be required.

SERVICE INFORMATION:

The AFL valve regulates line pressure to the pressure control solenoid and the shift solenoids. The AFL valve keeps line pressure from flooding the solenoid circuits. At some point during normal operations line pressure and AFL pressure will be the same. When the valve wears the solenoids are starved for oil resulting in the above mentioned conditions.

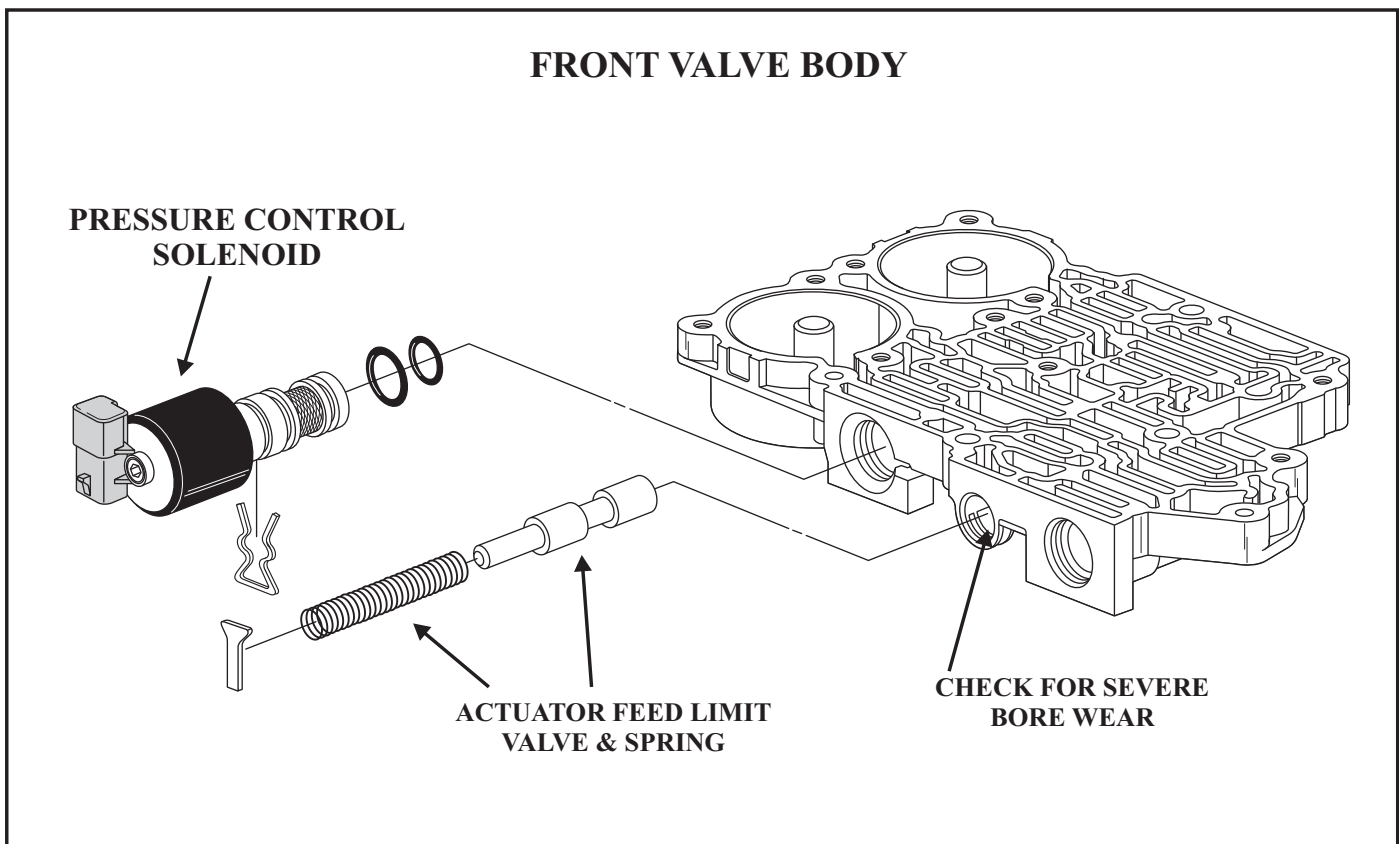


Figure 1