

6R140 Solenoid Body Instructions

Caution: The PCM must be updated using the new solenoid body strategy, data file, and solenoid body ID. Failure to update PCM can and will cause erratic transmission operation resulting in transmission damage. The strategy tag can be found in the packet provided with your transmission.

Note: Perform adaptive drive cycle after downloading the new solenoid body strategy data file to the PCM.

The following procedure will allow the PCM to learn adaptive transmission pressure control for optimal shift quality. The engine and transmission must be at operating temperature.

1. Bring the transmission to operating temperature.
2. With the engine running and brakes applied, move the shift lever in the following order pausing between each position for (4) seconds. Start in neutral, N-R-N-D-R-D-N. Repeat this pattern (2) times. If any individual engagement has a poor feel, repeat this step.
3. Drive the vehicle and accelerate at moderate throttle so each shift occurs around 1500 RPM on the tachometer up to 65 MPH. Brake moderately to a stop. Repeat this pattern (2) times.
4. Drive the vehicle and accelerate at moderate throttle so each shift occurs around 2250 RPM on the tachometer up to 65 MPH. Brake moderately to a stop. Repeat this pattern (2) times.
5. With the engine running and brakes applied. Move the shift lever in the following order pausing between each position for (4) seconds. Start in neutral, N-R-N-D-R-D-N. Repeat this pattern (2) times.