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**Adaptive Learning Drive Cycle****Activation**

**NOTE:** Always drive the vehicle in a safe manner according to driving conditions and obey all traffic laws.

**NOTE:** The Transmission Drive Cycle Test must be followed exactly. Malfunctions must occur 4 times consecutively for shift error DTC to set, and 5 times consecutively for continuous TCC DTC to set.

**NOTE:** Use the Transmission Drive Cycle Test for checking codes after performing a self-test.

1. Record then clear the DTCs (Diagnostic Trouble Codes).
2. Warm the engine to normal operating temperature.
3. Make sure the transmission fluid level is correct.
4. With the selector lever in (D), moderately accelerate from stop to 80 km/h (50 mph) allowing the transmission to shift into 10th gear. Keep vehicle speed and throttle steady for a minimum of 15 seconds.
5. With the transmission in 10th gear and maintaining steady speed and throttle, lightly apply and release the brake to operate stoplamps. Maintain the speed and throttle for a minimum of 5 seconds.
6. Brake to a stop and remain stopped for a minimum of 20 seconds.
7. Repeat Steps 4 through 6 five times.
8.
  - Perform a self-test and record DTCs.
  - If DTCs are present, repair all non-transmission DTCs first as they can directly affect the transmission operation. Repeat the self-test and road test the vehicle to verify the repair. Clear the DTCs. Perform the drive cycle test and repeat the self-test after completing the repair.  
Refer to: [Diagnostic Trouble Code \(DTC\) Charts and Pinpoint Tests - 3.5L EcoBoost \(272kW/370PS\)](#) (307-01B Automatic Transmission - 10-Speed Automatic Transmission - 10R80, Diagnosis and Testing).
  - If the tests pass and a concern is still present, refer to Diagnosis By Symptom, OASIS messages and TSB regarding concern.  
Refer to: [Diagnosis By Symptom](#) (307-01B Automatic Transmission - 10-Speed Automatic Transmission - 10R80, Diagnosis and Testing).

9. **NOTE:** The vehicle wiring harness, TCM and non-transmission sensors may affect transmission operations. Repair these concerns first.

Repair all DTCs after the OBD test procedures are completed. Begin with non-transmission related DTCs, then repair any transmission related DTCs. Use the DTC Chart for information on condition and symptoms. The pinpoint tests are used in diagnosing transmission electrical concerns. Make sure the vehicle wiring harness and the TCM are diagnosed as well. The PC/ED manual aids in diagnosing non-transmission electronic components.  
Refer to: [Diagnostic Trouble Code \(DTC\) Charts and Pinpoint Tests - 3.5L EcoBoost \(272kW/370PS\)](#) (307-01B Automatic Transmission - 10-Speed Automatic Transmission - 10R80, Diagnosis and Testing).