

## COMPREHENSIVE COMPONENT MONITOR TRANSMISSION DRIVE CYCLE

**The Comprehensive Component Monitor transmission drive cycle will “check” all transmission system components.**

- 1 Engine and transmission at normal operating temperature. Ignition OFF
- 2 With gear selector in P and the ignition ON. Check gearshift interlock by attempting to move selector without pressing the brake pedal. Verify P state illumination.
- 3 Press and hold the brake pedal. Move the gear selector to R. Verify R state illumination.
- 4 Set the parking brake. Press and hold the brake pedal. Attempt to start the engine. The engine should not start.
- 5 Move the gear selector to N. Verify N state illumination. Start the engine.
- 6 With the hand brake set and the brake pedal pressed, move the gear selector to the remaining positions in the J Gate (D, 4, 3, 2) for five (5) seconds each. Verify the state illumination in each position.
- 7 Move the gear selector back to 4. Verify 4 state illumination.
- 8 Move the gear selector to D. Verify D state illumination.
- 9 Move the gear selector to N. Verify N state illumination.
- 10 Select R, release the brakes and drive the vehicle in Reverse for a short distance.
- 11 Stop the vehicle.
- 12 Select 2 and drive the vehicle up to 65 km/h (40 mph). Hold 65 km/h (40 mph) for a minimum of five (5) seconds.
- 13 Select 3 and hold 65 km/h (40 mph) for a minimum of five (5) seconds.
- 14 Select 4 and hold 65 km/h (40 mph) for a minimum of five (5) seconds.
- 15 Select D and accelerate to a minimum speed of 80 km/h (50 mph). Hold 80 – 129 km/h (50 – 80 mph) for a minimum of 1.7 kilometers (1 mile).
- 16 Stop the vehicle; do not switch OFF the engine.
- 17 Use WDS Datalogger “TOTAL NUMBER OF DTC SET” to ensure that transmission DTC monitoring is complete.

## Evaporative System Monitor Drive Cycle

1. Ensure your Jaguar's fuel filler cap (gas cap) is fully closed. You should hear a minimum of three clicks when closing the gas cap.
2. Ensure your fuel tank level is between 30% to 85% full. An empty or completely full gas tank will not allow the EVAP monitor to run.
3. Drive the vehicle for a minimum of 2 minutes, and until engine is at normal operating temperature.
4. Stop the vehicle and switch off the ignition. Leave the ignition off for 30 seconds, then restart the engine.
5. Accelerate briskly to 50 mph ensuring that the engine speed reaches at least 3500 rpm for a minimum of 5 seconds.
6. Drive the vehicle steadily between 40 - 60 mph for at least 12 minutes.
7. Gently coast the vehicle to a stop. Allow the engine to idle for 2 minutes.