

Visual Inspection

This inspection will identify modifications or additions to the vehicle operating system that may affect diagnosis. Inspect the vehicle for non-Ford factory add-on devices such as:

- Electronic add-on items:
 - A/C.
 - generator (alternator).
 - engine turbo.
 - cellular telephone.
 - cruise control.
 - CB radio.
 - linear booster.
 - backup alarm signal.
 - computer.
- Vehicle modification:

These items, if not installed correctly, will affect the PCM or transmission function. Pay particular attention to add-on wiring splices in the PCM harness or transmission wiring harness, abnormal tire size or axle ratio changes.

- Leaks; refer to [Leakage Inspection](#) in this section.
- Correct transmission selector lever cable adjustments; refer to [Section 307-05](#).

Transmission Selector Lever Cable Check

Check for a misadjustment in the transmission selector lever cable by matching the detents in the transmission selector lever with those in the transmission. If they match, the misadjustment is in the indicator. Do not adjust the selector lever cable.

Hydraulic leakage at the manual control valve can cause delay in engagements and/or slipping while operating if the cable is not correctly adjusted. Refer to [Section 307-05](#).

Check TSBs

Refer to all TSBs which pertain to a transmission concern and follow the procedure as outlined.

Carry Out Key ON Engine OFF (KOEO), Key ON Engine Running (KOER)

After a road test, with the vehicle warm and before disconnecting any connectors, carry out the Key ON Engine OFF (KOEO) and Key ON Engine Running (KOER) using a scan tool. Refer to the Powertrain Control/Emissions Diagnosis (PC/ED) manual for diagnosis and testing of the powertrain control system.
