DESCRIPTION AND OPERATION (Continued)

Downshifts

Under certain conditions the transaxle will downshift automatically to a lower gear range without moving the shift selector lever. There are three categories of automatic downshifts: coastdown, torque demand and forced or kickdown shifts.

Coastdown

The coastdown downshift occurs as the name indicates, when the vehicle is coasting down to a stop.

Torque Demand

The torque demand downshift occurs (automatically) during part throttle acceleration when the demand for torque is greater than the engine can provide at that gear ratio. The transaxle will disengage the torque converter clutch to provide added acceleration, if applied.

Kickdown

For maximum acceleration, the driver can force a downshift by depressing the accelerator pedal to the floor. A forced downshift into second gear is possible below 88 km/h (55 mph). Below approximately 40 km/h (25 mph) a forced kickdown to first gear will occur. For all shift speeds, specifications are subject to variation due to tire size and engine calibration requirements.

Identification Tag

When servicing the automatic transaxle, refer to the identification tag located on top of the converter housing.