

SECTION 07-05 Transaxle, Automatic—External Controls

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VEHICLE APPLICATION
Taurus, Taurus SHO/Sable.

DESCRIPTION AND OPERATION

The transaxle shift control linkage consists of a column or floor mounted shifter assembly, a cable connecting the column or shifter to the transaxle shift lever, and on floor shift vehicles an interlock cable connecting the shifter to the steering column lock assembly. The interlock cable locks the floor shift lever in the PARK position when the ignition switch is in the LOCK position. It also requires the floor shift lever to be in the PARK position to turn the ignition switch to the LOCK position.

Brake-Shift Interlock

A shift interlock mechanism is installed on vehicles with an automatic transaxle. This is to prevent shifting the transaxle out of the PARK position unless the brake pedal is depressed. The column shift interlock system is covered in Section 11-04. The floor shift interlock system consists of a solenoid assembly attached to the key interlock assembly, a bracket retaining the solenoid, and the necessary wiring. The solenoid is energized when the ignition switch is turned to the ON position, locking the floor shifter in the PARK position. When the brake pedal is depressed and the stoplamp switch is activated, the shift lock solenoid is deactivated and the floor shifter can be moved out of the PARK position.