

SECTION 10-03B Speed Control System—3.2L SHO

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VEHICLE APPLICATION

Taurus, 3.2L SHO, Automatic (AX4S).

DESCRIPTION

The speed control system consists of a speed control servo (9C735), actuator cable, horn relay, steering wheel switches, a brakelamp switch and a deactivator switch. The system operates independent of engine vacuum, therefore no vacuum lines are required. The speed control servo is mounted in the engine compartment near the brake booster, and is connected to the throttle linkage with an actuator cable. The electronics are integrated into the speed control servo, eliminating the need for any electronic modules in the vehicle.

Deactivator Switch

The deactivator switch is a normally closed switch and replaces the vacuum dump valve as a redundant safety feature in the system. Normally when the brake pedal is depressed, an electrical signal from the brakelamp circuit to the speed control amplifier (9D843) will disengage the system. Under increased brake pedal efforts (5-10 lbs, engine running), the deactivator switch mounted in the brake line will open and remove power to the speed control servo clutch, releasing the throttle independent of the speed control amplifier control. The deactivator switch is mounted to the underside of the master cylinder.

Vehicle Speed Sensor

The vehicle speed sensor (VSS)(9E731) is mounted to the transaxle.