SECTION 13-09 Gauges, Warning Devices, Miscellaneous — Electronic

VEHICLE APPLICATION

Taurus / Sable.

DESCRIPTION AND OPERATION

Warning Chimes

Safety Belt Warning

When the ignition switch is turned to RUN or START, power is supplied through Circuit 640 (R / Y) to the warning chime module. The module then supplies power through Circuit 450 (DG / LG) to illuminate the FASTEN BELTS indicator for six seconds, whether or not the driver's safety belt is fastened. If the driver's safety belt is not fastened during this time, the safety belt buckle switch remains closed, supplying ground through Circuit 85 (BR / LB) to the warning chime module and causing it to sound for six seconds.

Key-In-Ignition Warning

The warning chime sounds when the driver's door is opened, with the key in the ignition switch, and continues to sound until the key is removed or the door is closed. When the key is in ignition, the key-in-ignition switch is closed and ground is supplied through Circuit 158 (BK / PK) to the warning chime module. When the driver's door is open, the driver's door courtesy lamp switch closes and power is supplied through Circuit 159 (R / PK) to the module.

Headlamp Switch On Warning

The warning chime sounds when the driver's door is opened while the main headlamp switch is on, and continues to sound until the switch is turned off or the door is closed.

When the main headlamp switch is on, power is supplied through Circuit 257 (W / R) to the warning chime module. When the driver's door is open, the driver's door courtesy lamp switch is closed and power is supplied through Circuit 159 (R / PK) to the module.

Electronic Instrument Cluster Beep Tone

On vehicles with an electronic instrument cluster only. When a cluster button is pressed, the cluster momentarily grounds Circuit 183 (T / Y) to the warning chime module, causing it to emit a momentary beep tone as acknowledgement.

Whenever selected visual warning messages are displayed on the electronic instrument cluster, the cluster grounds Circuit 183 (T / Y) to the warning chime module for one second. This causes it to emit a one second beep tone to attract attention to the electronic cluster display.

Lamp-Out Warning System

A lamp outage is sensed by measuring the change in voltage drop across a special section of the wiring harness.

The unique wiring harnesses associated with the lamp-out warning system use special resistance wire for proper system operation.

CAUTION: Do not alter lengths of these wires, unless otherwise directed. Do not hook up additional lamps (i.e. trailer tow lamps). Do not replace bulbs with any type different from original equipment. Doing so may result in a false warning or no warning.