

Diagnosis and Testing

General Equipment

Ford diagnostic equipment

Principles of Operation

The horn system consists of a relay, a steering wheel switch and either one or two horns. The horn(s) receives voltage from the switched side of the relay, and the relay switch is controlled on its ground side by the steering wheel switch.

The horn relay, is located in the engine junction box (EJB) and is supplied with a permanent voltage from the battery.

Inspection and Verification

1. Verify the customer concern.
2. Visually inspect for obvious signs of mechanical or electrical damage.

VISUAL INSPECTION CHART

Electrical
• Fuse(s) • Wiring harness • Electrical connector(s) • Horn(s) • Steering wheel module • Horn switch • Horn relay • Generic electronic module(GEM) • EJB
3. If an obvious cause for an observed or reported concern is found, correct the cause (if possible) before proceeding to the next step. 4. If the cause is not visually evident, verify the symptom and refer to the symptom based diagnostic tab within the Ford diagnostic equipment.