

COURIER

DESCRIPTION & OPERATION

The instrument cluster contains a speedometer and fuel gauge. The XLT package adds a temperature gauge and ammeter. A voltage regulator in the fuel gauge provides a constant 7 volt supply to operate the gauges.

A combination switch on the steering column operates the headlights, turn signals, hazard flashers and wipers. This switch must be replaced as a complete assembly.

TESTING

AMMETER

On XLT models only, turn on the headlights with the engine stopped. If the pointer moves toward the "D" end of scale, ammeter is working. If pointer moves toward "C", reverse connections at ammeter.

FUEL GAUGE & TEMPERATURE GAUGE

1) On XLT models only, remove cluster far enough to reach rear connections with test leads. Connect a jumper wire between cluster ground terminal and a good chassis ground. See Fig. 1.

2) Ensure main connector is tight. Turn ignition on. Use an unpowered test lamp for the tests. Connect test lamp between "F" and "J" terminals, "I" and "J" terminals and "E" and "J" terminals. The lamp should come on in each case.

3) Connect test lamp between "G" and "J" terminals, then "D" and "J" terminals. The test lamp should flash in each case.

NOTE: Test procedures for models other than XLT were not available from manufacturer.

REMOVAL & INSTALLATION

INSTRUMENT CLUSTER

Removal & Installation

Disconnect battery ground. Remove meter hood. Remove 4 screws and pull cluster back slightly. Unplug wiring and speedometer cable. Remove instrument cluster. To install, reverse removal procedure.

COMBINATION SWITCH

Removal & Installation

1) Disconnect battery ground. Remove steering wheel. Remove steering column cover. Unplug connectors at base of steering column. Pull headlight switch knob off shaft.

2) Remove snap ring and pull turn signal cam off the shaft. Remove retaining bolt at bottom of switch. Pull switch off column. To install, reverse removal procedure.

Fig. 1: Connection Points for Testing Courier XLT Instrument Cluster

