

DIAGNOSIS AND TESTING (Continued)

Glossary

Air Bag Simulator

Rotunda Air Bag Simulator 105-00010 or equivalent is used to simulate air bag connection to system.

Disconnect Component

Disconnect component means disconnect component connector and vehicle harness connector. It does not mean remove component. Also, a disconnected part should not be reconnected unless instructed to do so.

Deactivate System

Deactivate system means to perform the Deactivation Procedure outlined under Diagnostic Procedures.

Prove Out System

Prove out system means to turn the ignition switch from OFF to RUN and visually monitor the air bag indicator. The air bag indicator will light continuously for approximately six seconds and then turn off. If an air bag system fault is present, the indicator will either fail to light, remain lit continuously or flash. The flashing may not occur until approximately 30 seconds after the ignition switch has been turned from OFF to RUN. This is the time required for the diagnostic monitor to complete testing of the air bag system. If the air bag indicator is inoperative and an air bag system fault exists, a tone will sound in a pattern of five sets of five beeps. If this occurs, the air bag indicator will need to be serviced before further diagnosis can be done.

Reactivate System

WARNING: WHEN THE SYSTEM IS REACTIVATED, THE AIR BAG SIMULATORS MUST BE REMOVED AND THE AIR BAGS RECONNECTED.

Reactivate system means to perform the Reactivation Procedure outlined under Diagnostic Procedures.

Reconnect System

Reconnect system means to reconnect all system components. Refer to Air Bag System Reconnect Check List.

Replace Component

Replace component means to remove the existing component and replace it with an authorized replacement part obtained from Ford Parts and Service Division. Also, the replacement component should be installed on vehicle and all necessary electrical connections should be completed.

Verify System

Verify System means to prove out system with air bag simulator in place of the air bags.

Air Bag System Reconnect Check List

1. Are all crash sensors connected and mounted to vehicle?
2. Is LH kick panel safing sensor connected and mounted to vehicle?
3. Is black 3-way connector at base of steering column connected?
4. Are air bag(s) or Rotunda Air Bag Simulator 105-00010 or equivalent connected?
5. Is diagnostic monitor connected?
6. Is vehicle battery connected?

Location of Air Bag System Components

1. Center Radiator Crash Sensor—Center of radiator support
2. Center Cowl Crash Sensor—Center cowl top in engine compartment
3. LH Kick Panel Safing Sensor—LH cowl panel behind trim panel
4. Driver Air Bag—Steering wheel
5. Passenger Air Bag (Optional)—Above glove compartment
6. Clockspring—Behind steering wheel
7. Diagnostic Monitor—Behind glove compartment