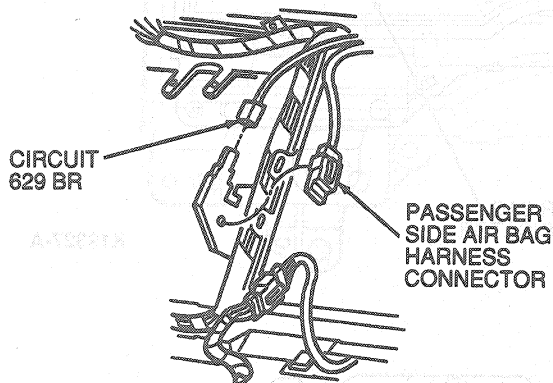


DESCRIPTION (Continued)

Passenger Air Bag Delete Bracket

Vehicles which are not equipped with the optional passenger air bag will have the passenger air bag delete bracket. Circuit 629 (BR) from diagnostic monitor Pin 7, is the optional passenger air bag signal and is grounded for driver only air bag systems. Circuit 629 (BR) goes to a one way connector near the passenger air bag harness connector. For driver only air bag systems, this connector is secured to the passenger air bag delete bracket which is located behind the finish panel above the glove compartment. Circuit 629 (BR) is left unconnected if the vehicle is equipped with a passenger side air bag.



WITHOUT PASSENGER AIR BAG

R7585-B

Diagnostic Monitor

WARNING: THE BACK UP POWER SUPPLY ENERGY MUST BE DEPLETED BEFORE ANY AIR BAG COMPONENT SERVICE IS PERFORMED. TO DEplete BACK UP POWER SUPPLY ENERGY, DISCONNECT THE POSITIVE BATTERY CABLE AND WAIT ONE MINUTE.

The air bag diagnostic monitor continually monitors all air bag system components and wiring connections for possible faults in the system. If the diagnostic monitor detects a fault in the air bag system when the ignition switch is in the ON position, a diagnostic trouble code will be displayed on the air bag indicator. Performing system diagnostics is the main purpose of the diagnostic monitor. **THE DIAGNOSTIC MONITOR DOES NOT DEPLOY THE AIR BAGS IN THE EVENT OF A CRASH!** The crash sensors are "hard wired" to the air bags, and therefore, determine when to deploy the air bags.

Several important features of the air bag diagnostic monitor and its functions within the system are described below. It is necessary that you understand these key features and functions. They will enable you to better understand and perform more efficient air bag system diagnostics.

Features and Functions

- The diagnostic monitor illuminates the air bag indicator for approximately 6 seconds when the ignition switch is turned to the ON position and then turns it off. This indicates that the air bag indicator is operational. If the air bag indicator does not illuminate or stays on or flashes at any time, a fault has been detected by the diagnostic monitor.
- Diagnostic trouble codes may not be displayed for approximately 30 seconds after the ignition switch has been switched to the ON position. This is the amount of time it takes the monitor to perform all tests and verify system faults, if present.
- Diagnostic trouble codes are displayed as a series of flashes and pauses of the air bag lamp. Each diagnostic trouble code, or series of flashes represent a two digit number. For example, a Diagnostic Trouble Code 32 is displayed as follows:
 - Flash flash flash - (one second pause) - flash flash - (three second pause)...
 - flash flash flash - (one second pause) - flash flash - (three second pause)...
- If a system fault exists and the Air Bag Indicator is malfunctioning, an audible tone will be heard indicating the need for service. The tone is a series of five sets of five beeps. This DOES NOT indicate a diagnostic trouble code 55. It means that the indicator is out and a system fault exists that requires service.
- If a fault exists that makes unwanted air bag deployment possible, the air bag diagnostic monitor has an internal thermal fuse that will blow automatically. This removes all power to the air bag deployment circuit. The air bag indicator will flash the appropriate code to indicate the suspect circuit.

The thermal fuse is controlled by a microprocessor inside the diagnostic monitor and is not serviceable.

NOTE: The thermal fuse does not blow because of excessive current flowing through it. **DO NOT** attempt to jumper out the thermal fuse with a circuit breaker or any other type of fuse.

- Diagnostic trouble codes are prioritized numerically so that if two or more different faults occur at the same time, the fault having the highest priority will be displayed first. The highest priority fault will be displayed until it is corrected. After it has been corrected, the next highest priority fault will be displayed.
- The air bag diagnostic monitor includes an internal back up power supply. This feature provides sufficient back up power to deploy the air bags in the event that the battery or battery cables are damaged in an collision before the crash sensors close. The back up power supply will deplete its stored energy approximately one minute after the positive battery cable is disconnected.