

DIAGNOSIS AND TESTING (Continued)

Pinpoint Tests—Diagnostic Trouble Code 33

DIAGNOSTIC TROUBLE CODE 33

TEST STEP	RESULT	ACTION TO TAKE
33-1 VERIFY CONDITION <ul style="list-style-type: none"> ● Turn key to ON. ● Count diagnostic trouble code. ● Is code 33 flashing? 	Yes No	GO to 33-2. Read the normal operation description for this diagnostic trouble code. EXAMINE the diagnostic trouble code schematic and look for areas where intermittent conditions would occur (connectors, splices, crimps, etc.). DO NOT proceed with Pinpoint Test until the code is flashing! Failure to do so will result in needless replacement of the air bag system components and repeat service.
33-2 DEACTIVATE SYSTEM <ul style="list-style-type: none"> ● Deactivate system. ● Is vehicle equipped with a passenger side air bag? 	Yes No	GO to 33-3. GO to 33-6.
33-3 MEASURE RESISTANCE <ul style="list-style-type: none"> ● Disconnect diagnostic monitor. ● Set ohmmeter on lowest scale possible (200 ohms or AUTO). ● "Zero" ohmmeter by touching leads together and record resistance reading. ● Remove plastic locking wedge from Black harness connector. ● Measure resistance across Pin 8 (Circuit 614, GY/O) and Pin 9 (Circuit 616, PK/BK). Record measurement. Subtract this reading from reading made when zeroing meter. ● Is result greater than 2.2 ohms? 	Yes No	VERIFY that air bag simulator resistance measures 2 ohms \pm 0.2 ohm. If OK, LOCATE and SERVICE open circuit in either Circuit 614 or 616. RECONNECT system. VERIFY air bag indicator. REACTIVATE system. GO to 33-4.
33-4 CHECK FOR CODE 33 <ul style="list-style-type: none"> ● Reconnect diagnostic monitor. ● Turn ignition switch from OFF to RUN. ● Wait 30 seconds. ● Is code 33 still flashing? 	Yes No	REPLACE diagnostic monitor. RECONNECT system. VERIFY air bag indicator. REACTIVATE system. GO to 33-5.
33-5 CHECK FOR CODE 33 <ul style="list-style-type: none"> ● Turn ignition switch OFF. ● Follow reactivation procedure and install passenger side air bag. ● Verify air bag indicator. ● Is code 33 still flashing? 	Yes No	REPLACE passenger side air bag. RECONNECT system. VERIFY air bag indicator. REACTIVATE system. The fault is intermittent. INSPECT Circuits 614 and 616 for potential open circuits. EXAMINE all connectors at diagnostic monitor and passenger air bag.