

CODE 52 - INTERMITTENT OR REPAIRED LOW BATTERY VOLTAGE

NOTE: Before proceeding, see **SERVICE PRECAUTIONS**. After servicing has been performed, recheck AIR BAG warning light for codes with Air Bag Simulators (105-00010) still in place of air bag modules. If system is okay, install air bag modules and reactivate air bag system.

Description

For description of normal operation, see **CODE 12 - LOW BATTERY VOLTAGE** diagnostic test. Code 52 represents an intermittent or repaired fault. The fault condition no longer exists.

Possible Causes

Code 52 will set if condition that caused a Code 12 to set was repaired or condition is intermittent. Code 52 will also set if there is an intermittent problem in the charging system or battery. An intermittent open in circuit 937 will also cause a Code 52 to set.

1. **Verify Condition** - Turn ignition switch to RUN position. Check for fault codes. If Code 52 is flashing, go to next step. Continuing test when Code 52 is not flashing will result in unnecessary replacement of system components.
2. **Deactivate System** - Deactivate air bag system. See **COMPLETE SYSTEM DEACTIVATION** under DISABLING & ACTIVATING AIR BAG SYSTEM. If Code 12 condition has just been repaired, go to next step. If Code 12 condition has not just been repaired, go to step 4).
3. **Clear & Check For Codes** - Remove and inspect AIR BAG fuse. Fuse is located in engine compartment fuse block. Fuse should be a 10-amp fuse. Replace fuse as necessary. Clear Code 52. See **CLEARING CODES** under DIAGNOSIS & TESTING. Turn ignition switch to RUN position. Check for fault codes. If another fault code is flashing, identify fault code and perform appropriate diagnostic test. See **FAULT CODE IDENTIFICATION** table under DIAGNOSIS & TESTING. If no fault codes are flashing, testing is complete.
4. **Check Charging System** - Check charging system. Repair charging system as necessary. If charging system is okay, go to next step.
5. **Check Battery Feed Circuit** - Check wiring harness, wire crimps, terminals, and fuse between AIR BAG fuse and terminals 13 and 14 of diagnostic monitor connector. Repair as necessary. If no problems are found, check for causes of intermittent low battery voltage at terminal 13 of diagnostic monitor connector. Attempt to recreate hard faults by driving vehicle and by flexing wiring harnesses. Cycle ignition switch frequently. Repair any intermittent problems found.