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DTC 52: INTERMITTENT OR REPAIRED LOST BATTERY FEED

Normal Operation

Refer to «[Diagnostic Trouble Code 12](#)» . Return to DTC 52 for Pinpoint Tests.

Possible Causes

Refer to Diagnostic Trouble Code 12. Return to DTC 52 for Pinpoint Tests.

Electrical Schematic -- Diagnostic Trouble Code 52

Refer to Diagnostic Trouble Code 12. Return to DTC 52 for Pinpoint Tests.

- ➔ 52-1: UNDERSTAND FUNCTION
 - ➔ 52-2: CHECK IF REPAIRED
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52-1 UNDERSTAND FUNCTION

- Cycle the ignition switch to OFF and then to RUN and confirm that DTC 52 is flashing on the AIR BAG indicator.
- Read the normal operation description for DTC 12. Read the pinpoint test for DTC 12 as a reference.
- Examine the diagnostic trouble code schematic. Look for areas where intermittent faults may occur.
- **Is the diagnostic trouble code operation well understood?**

Yes

NOTE: This is an intermittent or repaired fault. The fault condition is no longer present.
GO to «52-2».

No

RE-EXAMINE appropriate descriptions and schematics. Failure to understand air bag system functions will result in needless replacement of system components and repeat service.



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52-2 CHECK IF REPAIRED

- Deactivate system.
- Has a DTC 12 just been serviced and repaired?

Yes

GO to «52-3».

No

GO to «52-4».



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52-3 CLEAR AND CHECK FOR OTHER DTCS

- Check battery fuse feeding air bag diagnostic monitor Pins C1-13 and C1-14. Fuse should be 10A, NO SUBSTITUTIONS.
- Clear DTC 52 (refer to «[Diagnostic Trouble Code Clearing](#)» procedure).
- Check for any additional DTCs stored in memory (refer to «[Diagnostic Trouble Code Retrieval](#)» procedure).
- **Does another diagnostic trouble code start flashing?**

Yes

PROCEED to the description, schematic and pinpoint tests of the DTC that is flashing.

No

REACTIVATE system.



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52-4 CHECK CHARGING SYSTEM

NOTE:

An intermittent charging system or battery concern could lead to a DTC 52.

- Examine charging system.
- **Has a charging system concern been reported or noticed on the vehicle?**

Yes

SERVICE charging system concern. GO to «52-3».

No

GO to «52-5».



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52-5 CHECK BATTERY FEED

- Visually inspect all crimps, terminals, fuses, wires, etc. in the battery circuit feeding Pins C1-13 and C1-14 of the air bag diagnostic monitor. Look for poor connections, pinched wires, etc.

NOTE:

An intermittent open in the battery circuit could lead to a DTC 52.

- **Are any concerns noticed?**

Yes

SERVICE concerns in battery feed. GO to «52-3».

No

RE-EXAMINE diagnostic trouble code description and schematic. LOOK for causes of intermittent low battery voltage at Pin C1-13. ATTEMPT to recreate hard faults by driving vehicle, flexing wire harnesses, etc., cycling ignition switch frequently. SERVICE any intermittent concerns if found. GO to «52-3».
