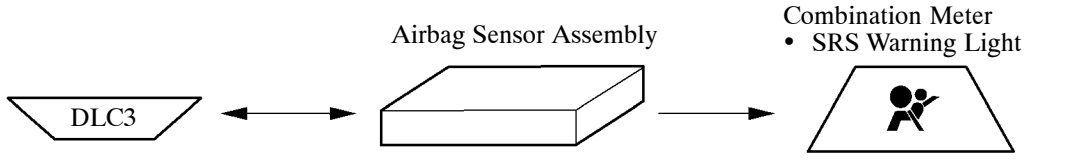
■ DIAGNOSIS

1. General

If Airbag Sensor Assembly detects a malfunction in the SRS airbag system, Airbag Sensor Assembly stores the malfunction data in memory, in addition to illuminating the SRS warning light.

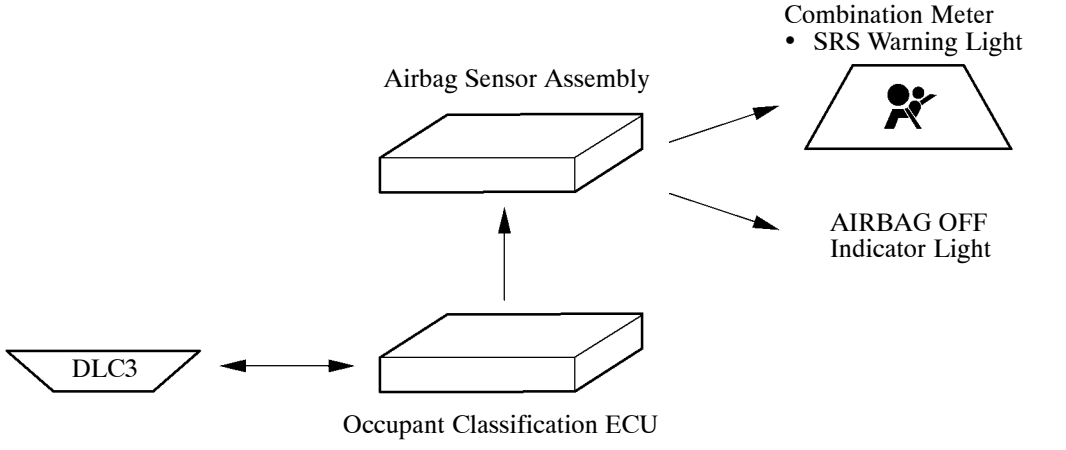
- Airbag Sensor Assembly outputs malfunction data, 5-digit DTCs (Diagnostic Trouble Codes) or 2-digit DTCs, to the hand-held tester or the SRS warning light.



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If the Occupant Classification ECU detects a malfunction in the front passenger occupant classification system, the Occupant Classification ECU stores the malfunction data in memory. If the Airbag Sensor Assembly detects a malfunction in the Occupant Classification ECU, the Airbag Sensor Assembly illuminates the SRS warning light and AIRBAG OFF indicator light.

- The Occupant Classification ECU outputs 5-digit DTCs to the hand-held tester.



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2. SRS Airbag System DTCs

There are 2 types of DTCs for the SRS airbag system: 5-digit and 2-digit DTCs.

- The 5-digit DTCs can be read after connecting a hand-held tester to the DLC3.
- The 2-digit DTCs can be read by connecting the SST (09843-18040) to the Tc and CG terminals of the DLC3 and reading the blinking of the SRS warning light.
- If the SRS airbag deploys, Airbag Sensor Assembly will turn ON the SRS warning light. However, different from the ordinary diagnosis function, a DTC will not be memorized. The SRS warning light cannot be turned OFF. It is necessary to replace the Airbag Sensor Assembly with a new one.

Service Tip

When using a hand-held tester, a dedicated adapter [CAN VIM (Vehicle Interface Module)] must be connected between the DLC3 and the hand-held tester. For details, see the 2007 FJ Cruiser Repair Manual (Pub. No. RM0240U).

3. Front Passenger Occupant Classification System DTCs

There are only 5-digit DTCs for the front passenger occupant classification system.

- The 5-digit DTCs can be read after connecting a hand-held tester to the DLC3.

For details, see the 2007 FJ Cruiser Repair Manual (Pub. No. RM0240U).

Service Tip

When using a hand-held tester, a dedicated adapter [CAN VIM (Vehicle Interface Module)] must be connected between the DLC3 and the hand-held tester. For details, see the 2007 FJ Cruiser Repair Manual (Pub. No. RM0240U).