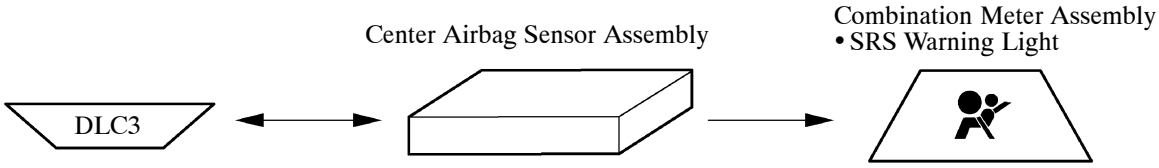
■ DIAGNOSIS

1. General

If the center airbag sensor assembly detects a malfunction in the SRS airbag system, the center airbag sensor assembly stores the malfunction data in memory, in addition to illuminating the SRS warning light.

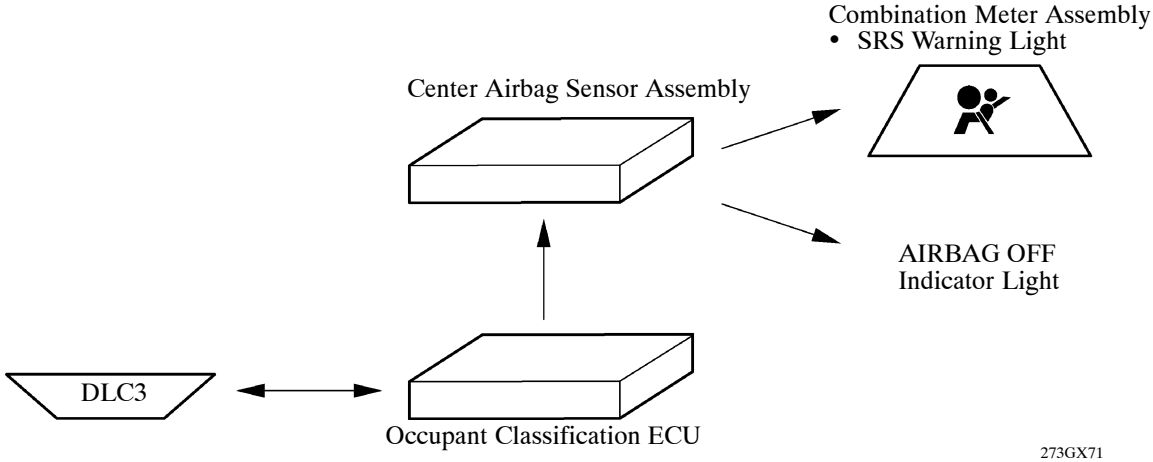
- The center airbag sensor assembly outputs the malfunction data, 5-digit DTCs (Diagnostic Trouble Codes) or 2-digit DTCs, to Techstream or the SRS warning light.



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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 center airbag sensor assembly detects a malfunction in the occupant classification ECU, the center airbag sensor assembly illuminates the SRS warning light and AIRBAG OFF indicator light.

- The occupant classification ECU outputs 5-digit DTCs to Techstream.



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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 Techstream to DLC3.
- The 2-digit DTCs can be read by connecting the SST (09843-18040) to the TC and CG terminals of DLC3 and reading the blinking of the SRS warning light.
- If the SRS airbag deploys, the center airbag sensor assembly will turn ON the SRS warning light. However, different from the ordinary diagnosis function, a DTC will not be stored. The SRS warning light cannot be turned OFF. It is necessary to replace the center airbag sensor assembly with a new one.

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 Techstream to DLC3.

For details, see the 2008 HIGHLANDER HYBRID VEHICLE Repair Manual (Pub. No. RM07V0U).