

<b>DTC</b>	<b>22</b>	<b>SRS Warning Light System Malfunction</b>
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**CIRCUIT DESCRIPTION**

The SRS warning light is located on the combination meter.

When the supplemental restraint system is normal, the SRS warning light lights up for approx. 6 seconds after the ignition switch is turned from LOCK position to ACC or ON position, and then turns off automatically. If there is a malfunction in the supplemental restraint system, the SRS warning light lights up to inform the driver of the abnormality.

When terminals Tc and E<sub>1</sub> of the DLC2 are connected, the diagnostic trouble code is displayed by the blinking of the SRS warning light.

The SRS warning light circuit is equipped with an electrical connection check mechanism which detects when the connector to the center airbag sensor assembly is not properly connected.

If the connector to the center airbag sensor assembly is not properly connected, the SRS warning light will not light up.

Diagnostic trouble code 22 is recorded when a malfunction occurs in the SRS warning light system.

If an OPEN malfunction occurs in the SRS warning light system, the SRS warning light does not light up, so that until the malfunction is repaired, the diagnostic trouble codes (including 22) cannot be confirmed.

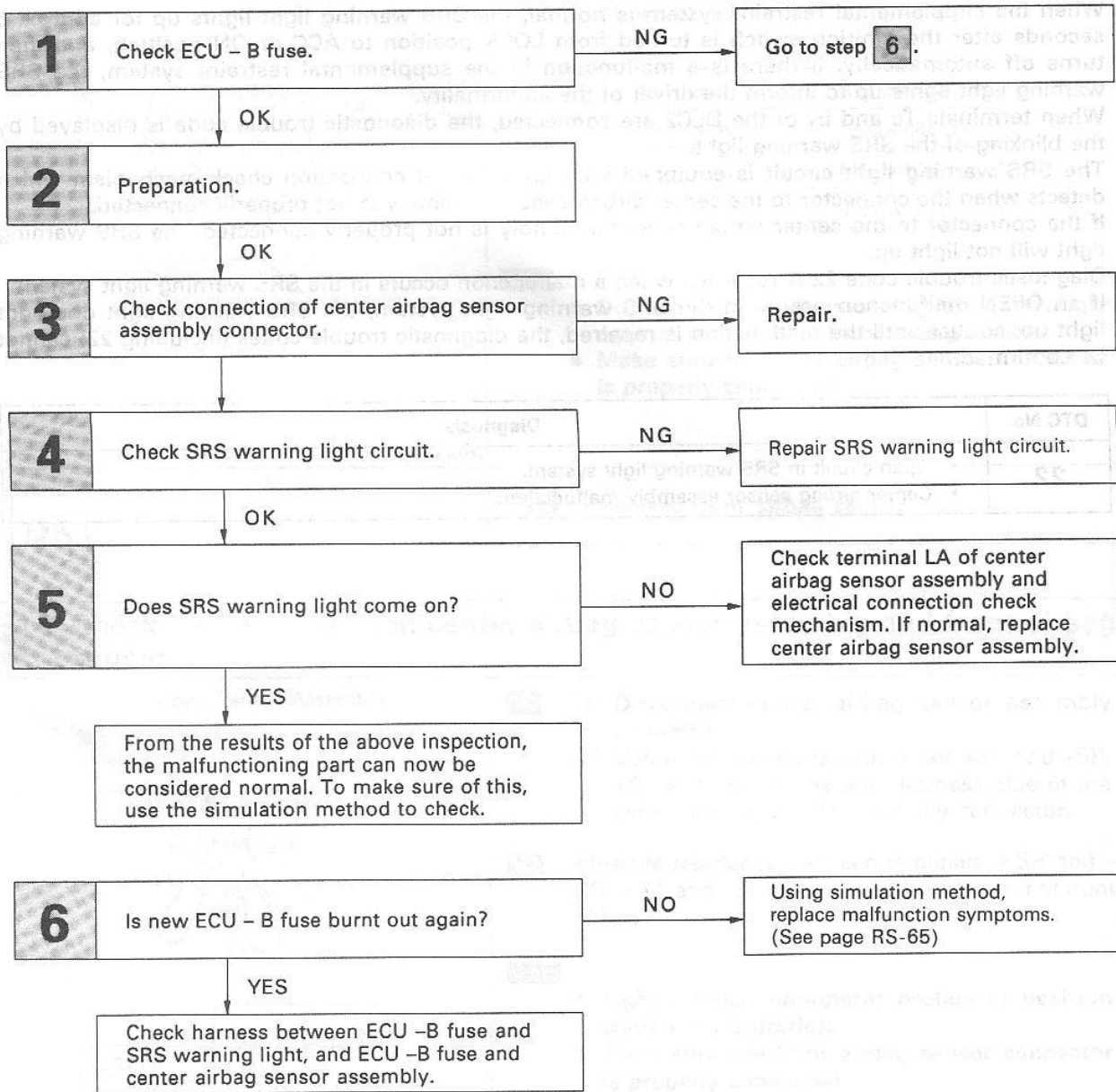
DTC No.	Diagnosis
<b>22</b>	<ul style="list-style-type: none"> <li>• Open circuit in SRS warning light system.</li> <li>• Center airbag sensor assembly malfunction.</li> </ul>

RS

**DIAGNOSTIC CHART**

Troubleshooting for this system is different for when the SRS warning light does not light up and for when diagnostic trouble code 22 is output. Confirm the problem symptoms first before selecting the appropriate troubleshooting procedure.

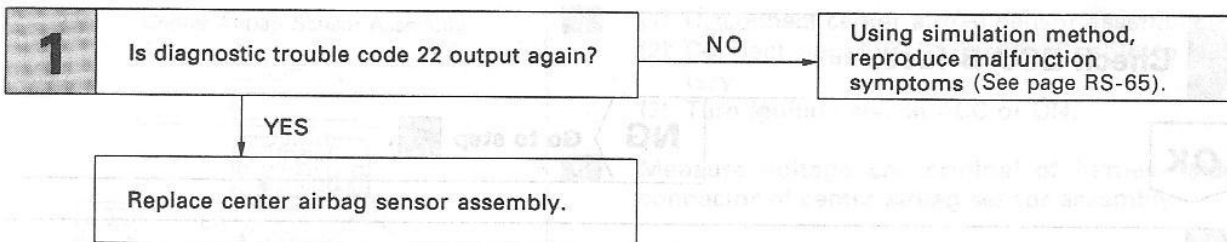
**HINT:** If SRS warning light does not light up, perform the following troubleshooting:



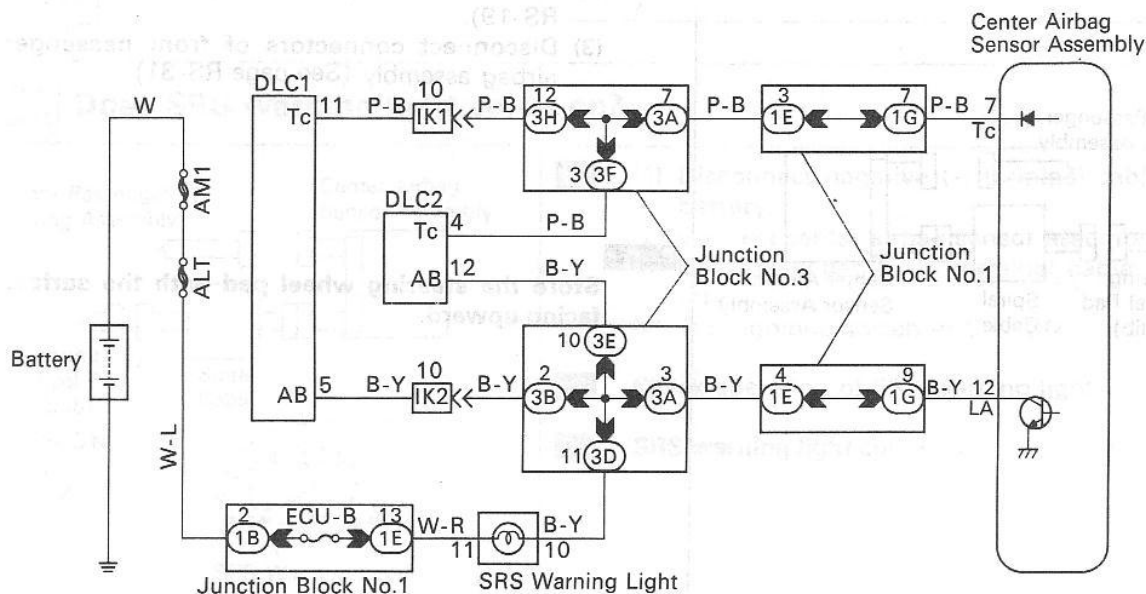
RS

**DIAGNOSTIC CHART**

HINT: If diagnostic trouble code 22 is output, perform the following troubleshooting:



**WIRING DIAGRAM**



RS

### INSPECTION PROCEDURE

HINT: If SRS warning light does not light up, perform the following troubleshooting:

#### 1 Check ECU-B fuse.

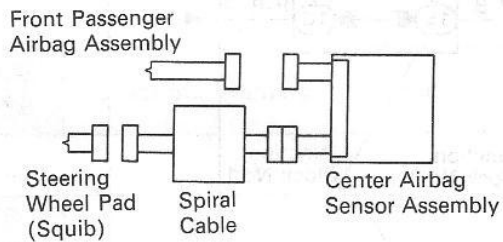


NG Go to step 6.

#### 2 Preparation.



LOCK



- P**
- (1) Disconnect battery negative (-) terminal cable, and wait at least 90 seconds.
  - (2) Remove steering wheel pad (See page RS-19).
  - (3) Disconnect connectors of front passenger airbag assembly (See page RS-31).

**Caution**

Store the steering wheel pad with the surface facing upward.

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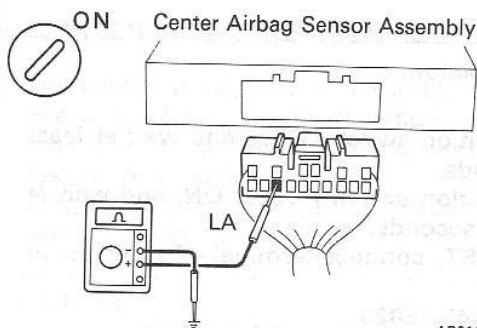


#### 3 Check connection of center airbag sensor assembly connector.



NG Repair.

#### 4 Check SRS warning light circuit.

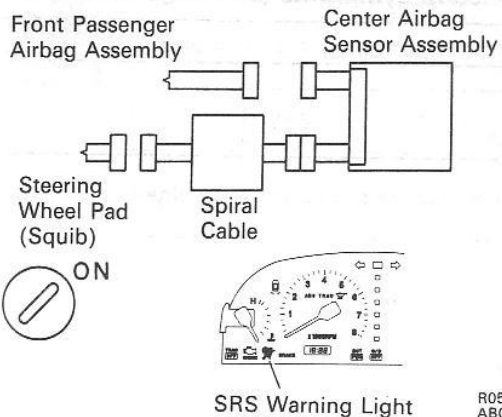


- P** (1) Disconnect center airbag sensor assembly.  
(2) Connect negative (-) terminal cable to battery.  
(3) Turn ignition switch ACC or ON.
- C** Measure voltage LA terminal of harness side connector of center airbag sensor assembly.
- OK** Voltage: **Battery positive voltage**

**OK**

**NG** Repair SRS warning light circuit.

#### 5 Does SRS warning light come on?



- P** (1) Disconnect negative (-) terminal cable from battery.  
(2) Connect center airbag sensor assembly.  
(3) Connect negative (-) terminal cable to battery.  
(4) Turn ignition switch ACC or ON.
- C** Check operation of SRS warning light.
- OK** SRS warning light come on.

**YES**

**NO** Check terminal LA of center airbag sensor assembly and electrical connection check mechanism. If normal, replace center airbag sensor assembly.

RS

From the results of the above inspection, the malfunctioning part can now be considered normal. To make sure of this, use the simulation method to check.

#### 6 Is new ECU-B fuse burnt out again?

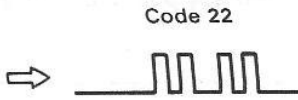
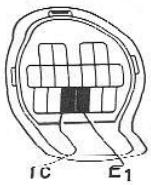
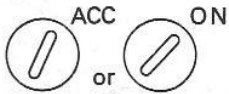
**YES**

**NO** Using simulation method, reproduce malfunction symptoms (See page RS-65).

Check harness between ECU-B fuse and SRS warning light, and ECU-B fuse and center airbag sensor assembly.

HINT: If diagnostic trouble code 22 is output, perform the following troubleshooting:

**1** Is diagnostic trouble code 22 output again?



**P** Clear malfunction.

- C**
- (1) Turn ignition switch LOCK, and wait at least 20 seconds.
  - (2) Turn ignition switch ACC or ON, and wait at least 20 seconds.
  - (3) Using SST, connect terminals Tc and E<sub>1</sub> of DLC2.  
SST 09843-18020
  - (4) Check diagnostic trouble code.

*Replace center airbag sensor assembly.*