■AIRBAG FOR SIDE/REAR SIDE COLLISION

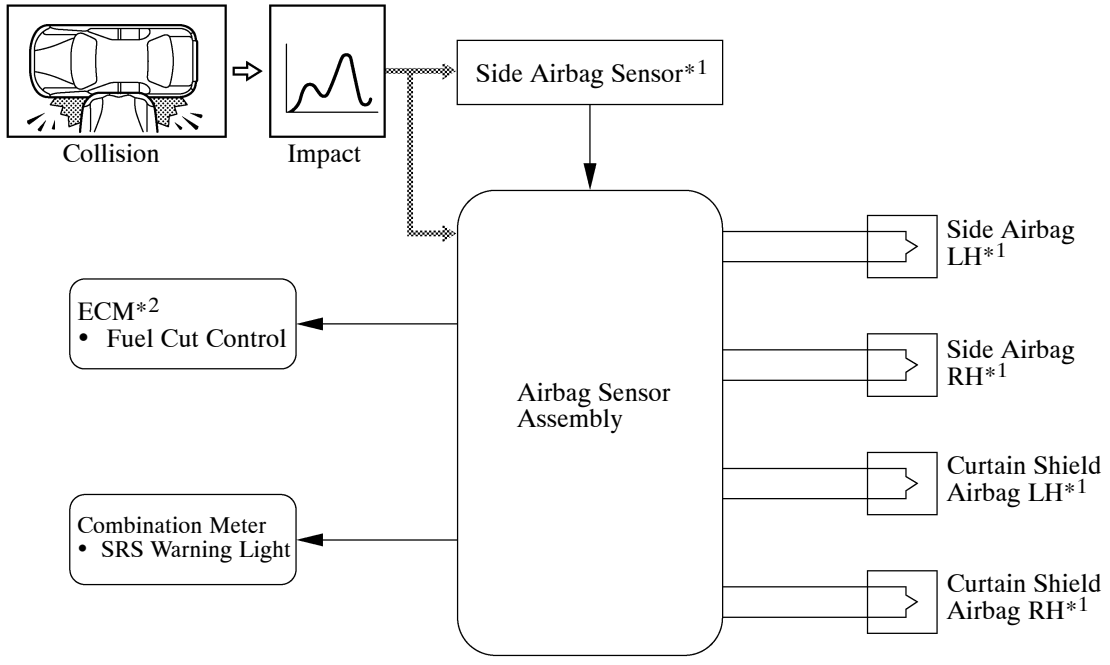
1. General

The airbag for side collisions contains two types of airbags: side and curtain shield airbags. These airbags deploy simultaneously. The airbag for rear side collisions contains only the curtain shield airbags.

- With the airbag for side collisions, if the side airbag sensor detects an impact, the airbag sensor assembly causes the side and curtain shield airbags to be deployed simultaneously.
- With the airbag for rear side collisions, if the curtain shield airbag sensor detects an impact, the airbag sensor assembly causes the curtain shield airbag to be deployed.

▶ System Operation ◀

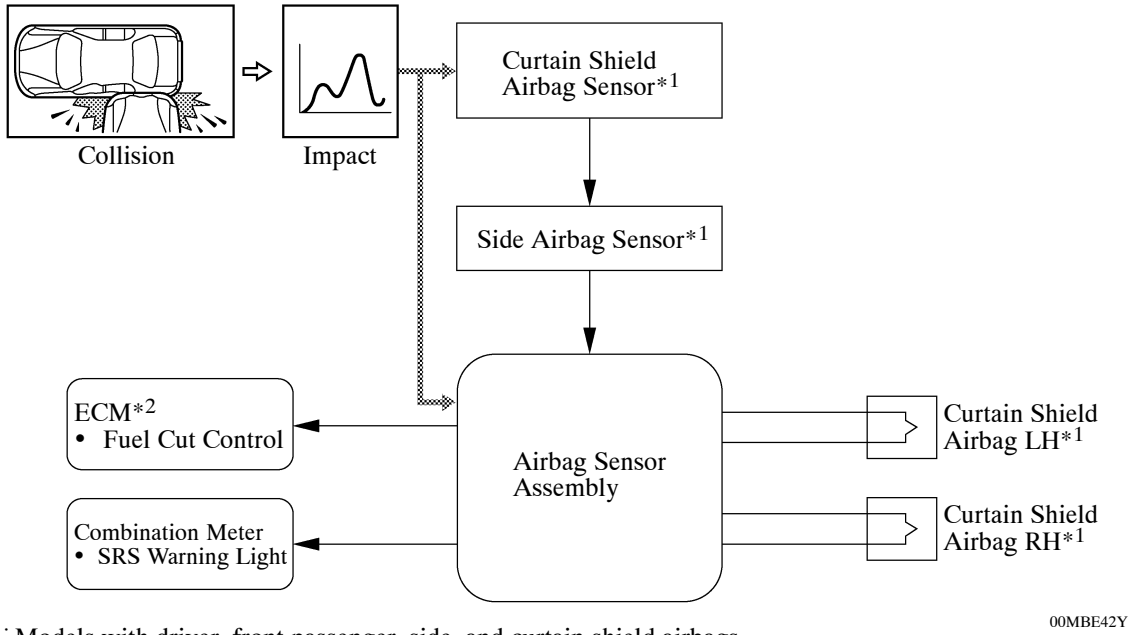
Airbag for Side Collision



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*1: Models with driver, front passenger, side, and curtain shield airbags
*2: Models with gasoline engine

Airbag for Rear Side Collision

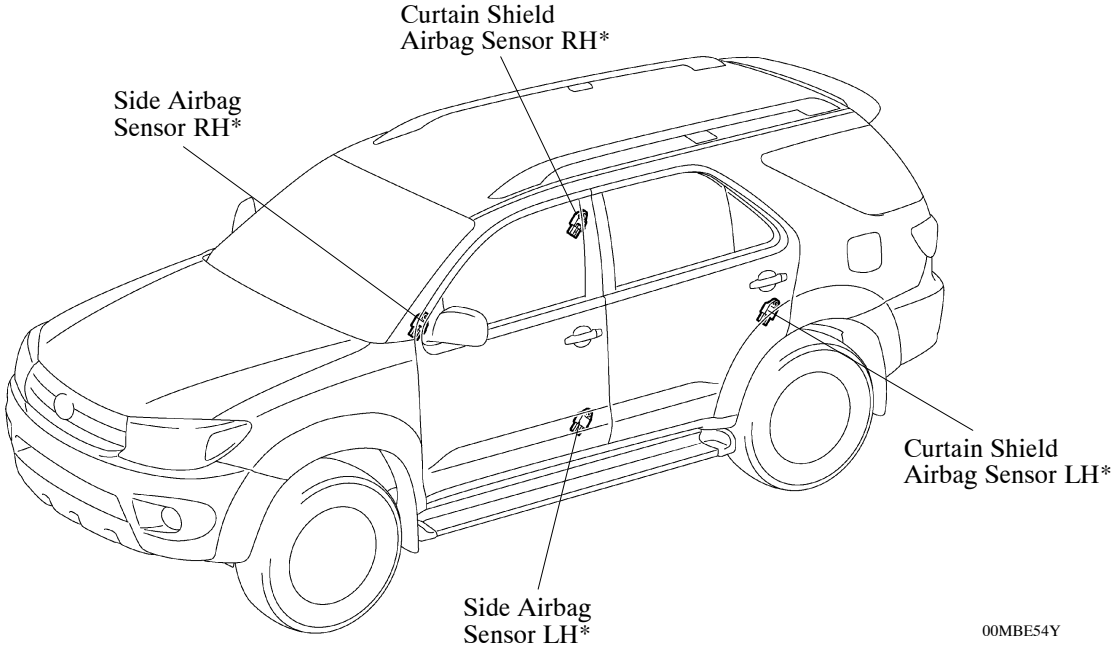


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*1: Models with driver, front passenger, side, and curtain shield airbags
*2: Models with gasoline engine

2. Side Airbag Sensor and Curtain Shield Airbag Sensor

The deceleration sensor is enclosed in each of the side and curtain shield airbag sensors. Based on the deceleration of the vehicle during a side or rear side collision, a distortion is created in the sensor and converted into an electrical signal.



*: Models with driver, front passenger, side, and curtain shield airbags

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3. Curtain Shield Airbag

Curtain shield airbags are located in the areas that extend from the driver's and front passenger's front pillars to the rear pillars in the rear seat areas. Each SRS airbag is a one-piece design, consisting of an inflator and a bag.

■DIAGNOSIS

1. General

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

- The airbag sensor assembly outputs malfunction data, 5-digit DTCs (Diagnostic Trouble Codes) to the intelligent tester II.

2. DTC of SRS Airbag System

- The 5-digit DTC can be read by connecting an intelligent tester II to the DLC3 terminal.
- If the SRS airbag deploys, the airbag sensor assembly will turn ON the SRS warning light. However, it is different from the ordinary diagnosis function that a DTC will not be memorized. The SRS warning light can be turned OFF only by replacing the airbag sensor assembly with a new one.