■AIRBAG FOR SIDE/SIDE REAR COLLISION

1. General

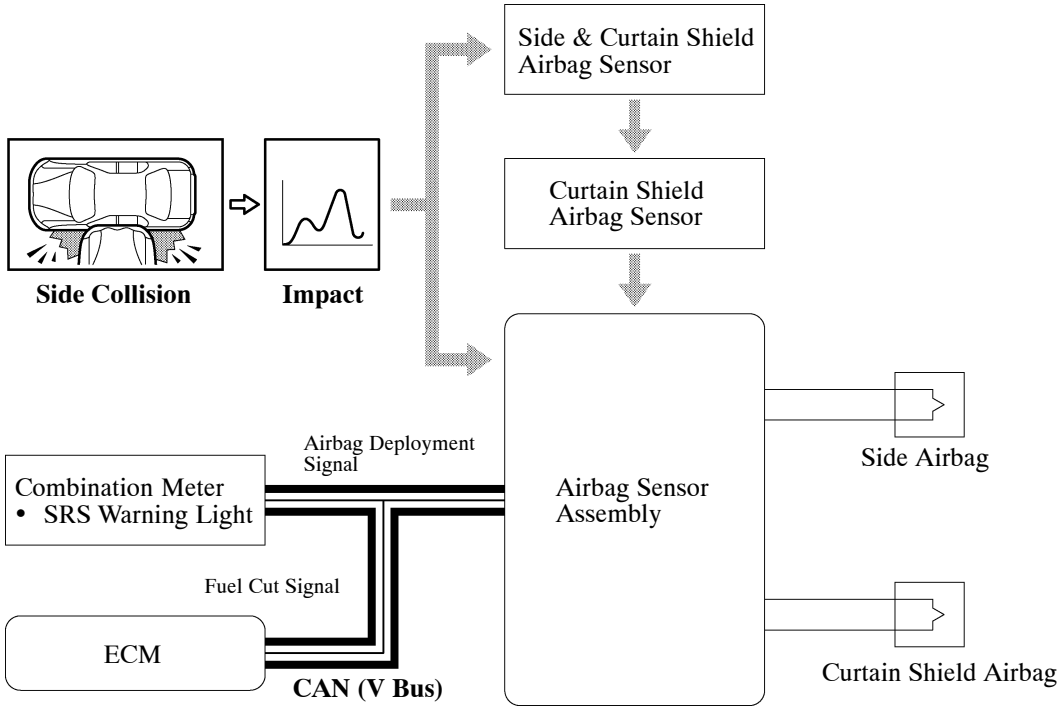
For severe side collisions there are two airbags: side airbag and curtain shield airbag. These airbags deploy simultaneously.

For severe side rear collisions only the curtain shield airbag will deploy.

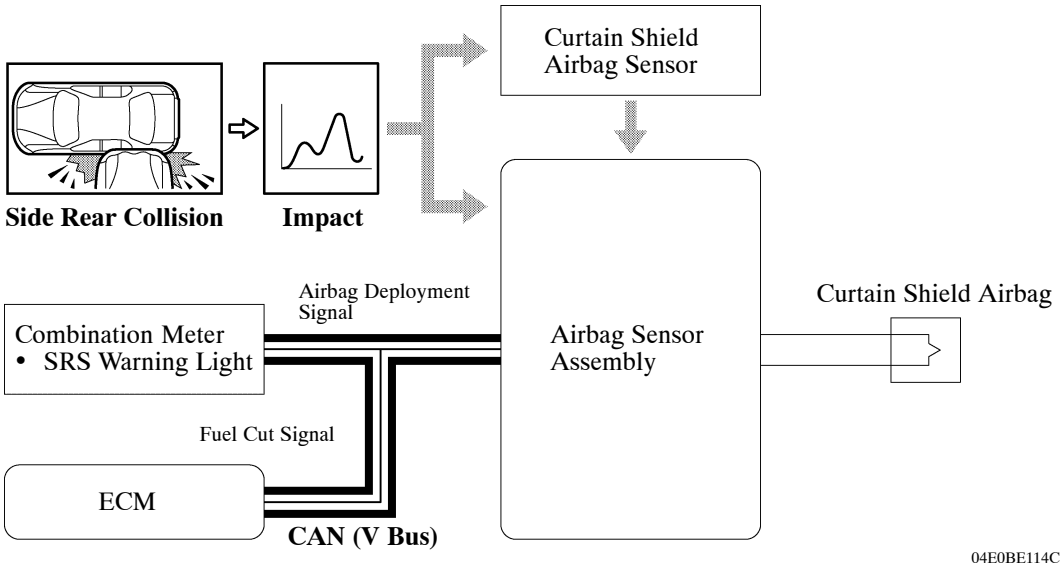
- For a side collision, if the side & curtain shield airbag sensor detects an impact, it informs the Airbag Sensor Assembly via the curtain shield airbag sensor, and the Airbag Sensor Assembly causes the side and curtain shield airbags to be deployed simultaneously.
- For a side rear collision, if the curtain shield airbag sensor detects an impact, it informs the Airbag Sensor Assembly, and the Airbag Sensor Assembly causes the curtain shield airbag to be deployed.

2. System Diagram

For Side Collision



For Side Rear Collision



3. SRS Side Airbag

SRS side airbags are installed in the seat backs of the driver seat and the front passenger seat. Each SRS side airbag is a one-piece design, consisting of an inflator, a bag, and a cover.

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4. SRS Curtain Shield Airbag

SRS curtain shield airbags are installed in the area close to the sides of the headliner. Each SRS curtain shield airbag is a one-piece design, consisting of an inflator, a bag, and a cover.

5. Side & Curtain Shield and Curtain Shield Airbag Sensors

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