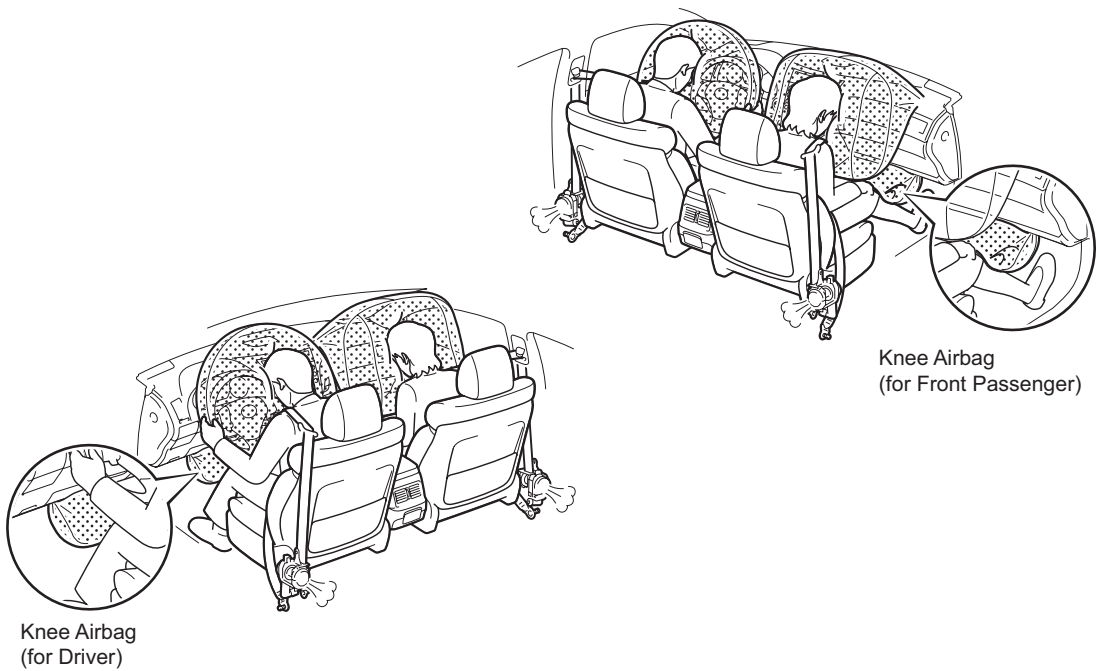
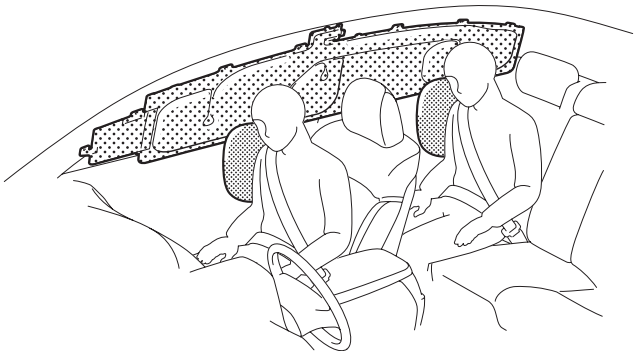


The Feature of a SRS Airbag System



Dual stage (two step control type) Driver / Front Passenger SRS Airbag,
Driver / Front Passenger SRS Knee Airbag, Seat Belts with Pretensioners and Force Limiters



SRS Side Airbag & SRS Curtain Shield Airbag

* The illustration depicts a conceptual image of the operation, which differs from an actual vehicle.

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SRS Airbag System

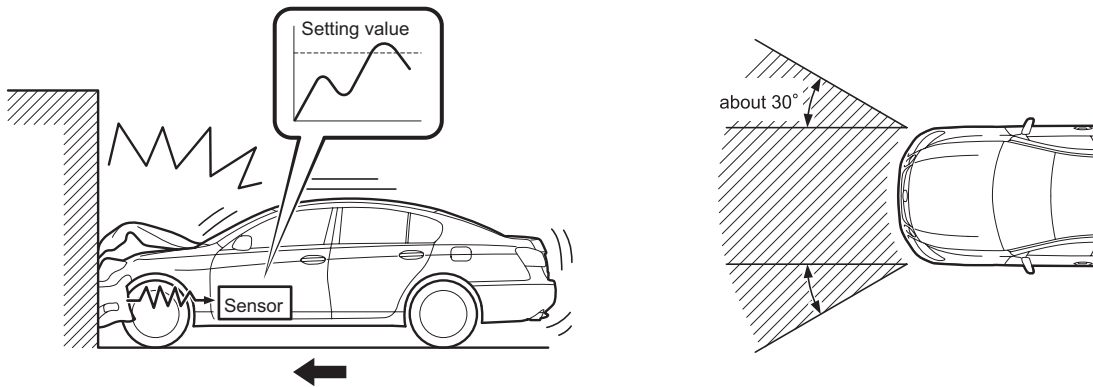
Each SRS Airbag	If the vehicle receives a strong impact energy that could seriously harm the occupants, the seat belts function to restrain the occupants. In addition, the airbags inflate instantly to act as cushions, in order to dampen the impact that is applied to the heads and chests of the occupants.
Seat Belts with Pretensioners and Force Limiters	If the vehicle receives a strong impact energy from the front, the pretensioner mechanism instantly retracts the seat belt to enhance the belt's effectiveness in restraining the occupant.
	If a load that exceeds a specified amount is applied to the seat belt, the force limiter mechanism holds the load at the specified amount, in order to lighten the impact that is applied to the occupant's chest area.

System Operation of SRS Airbag & Seatbelt with Pretensioner

- The dual stage (two-step control type) SRS airbag & SRS knee airbag & seatbelt with pretensioner and force limiter are deployed if the system detects an impact that exceeds a predetermined amount during a frontal collision.
- The operation of the dual stage (two-step control type) SRS airbag & SRS knee airbag is intended for a collision of the vehicle against a wall that does not become deformed or move upon collision, at a collision speed of approximately 25 km/h or higher, and within an approximate range of 30 degrees.

❖REFERENCE❖

- * : The acceleration sensors in the front airbag sensor and the airbag sensor assembly detect the deceleration of the vehicle during a collision. Therefore, they could be deployed when a strong impact is received from the bottom of the vehicle (such as when the vehicle hits a curb, falls into a deep hole or groove, drives over a deep hole or groove, jumps and bottoms against the ground, or falls off the road).



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Non-Operation of SRS Airbag & Seatbelt with Pretensioner

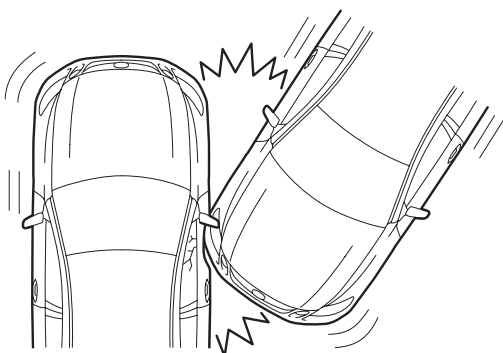
- The acceleration sensors in the front airbag sensor and the airbag sensor assembly detect the deceleration of the collision that is applied from the front of the vehicle. Therefore, the airbag system might not deploy in some circumstances. Even if the vehicle is involved in a frontal collision, the system will not deploy unless the deceleration of the vehicle reaches the specified values of the sensors.

System Operation of SRS Side Airbag & SRS Curtainshield Airbag

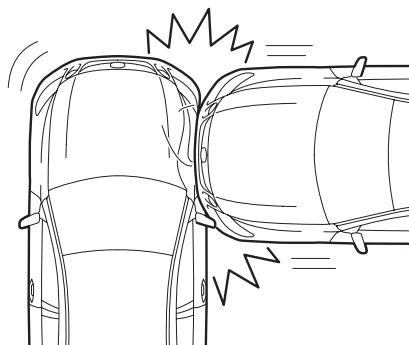
- The SRS side airbag is deployed if the cabin area of the body receives a strong impact from the side of the vehicle, causing the side airbag sensor and the Airbag Sensor Assembly to detect an impact that exceeds a predetermined amount. The SRS curtain shield airbag is deployed if the cabin area of the body receives a strong impact from the side of the vehicle, causing the side airbag sensor and the Airbag Sensor Assembly, or the rear side airbag sensor and the Airbag Sensor Assembly to detect an impact that exceeds a predetermined amount.

Non-Operation of SRS Side Airbag & SRS Curtainshield Airbag

- Even if the vehicle is involved in a side collision, the SRS side airbag & SRS curtain shield airbag might not deploy in some collision circumstances. This occurs when the energy of the collision is dampened by the deformation of the vehicle body or the door, which prevents the energy of the impact from reaching the ignition judgment criteria of the sensor.



Another vehicle colliding diagonally to the side of the vehicle



Another vehicle colliding to the side of the vehicle other than its cabin