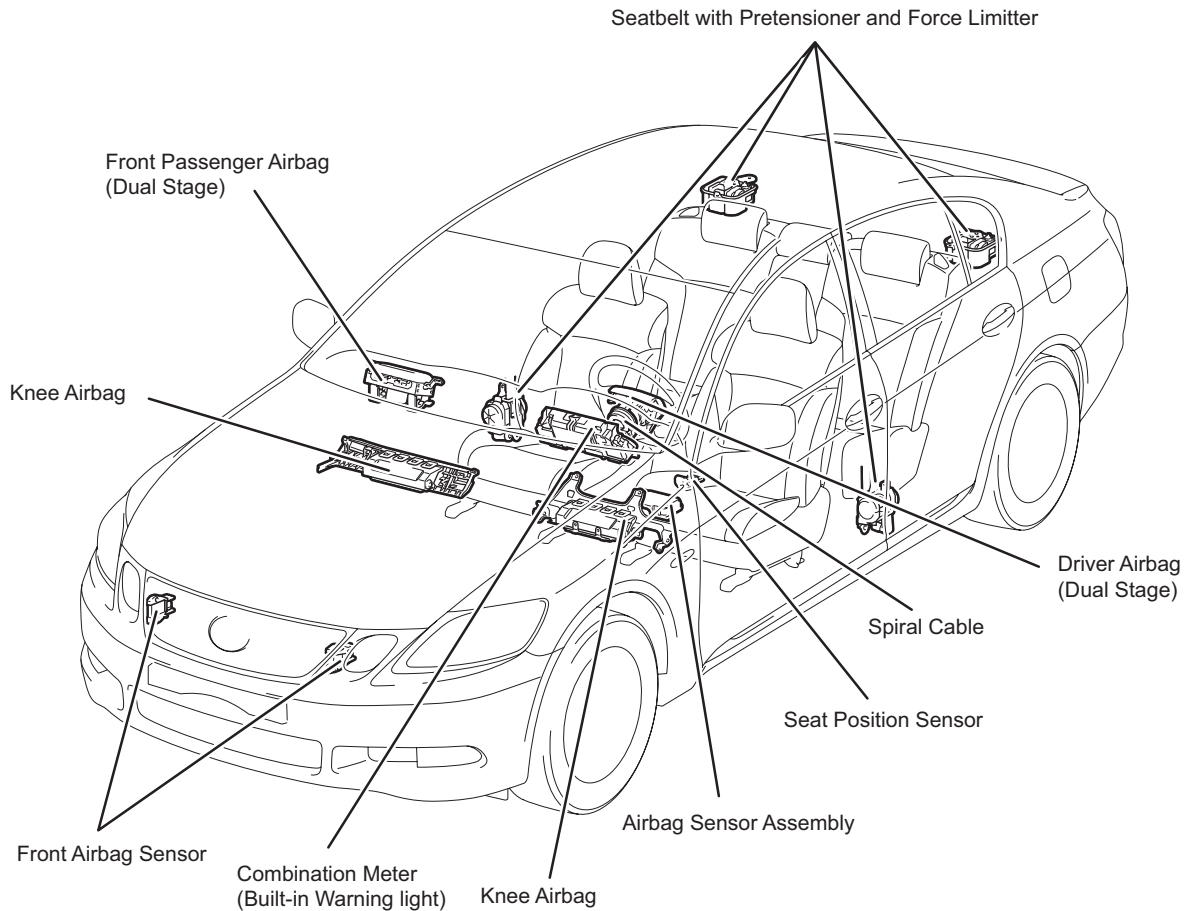


SRS Airbag & Seatbelt with Pretensioner Outline

- This system consists of dual stage (two-step control type) driver's and front passenger's SRS airbags, driver's and front passenger's SRS knee airbags, seat belts with pretensioner and force limiter, front airbag sensor, and airbag sensor assembly.



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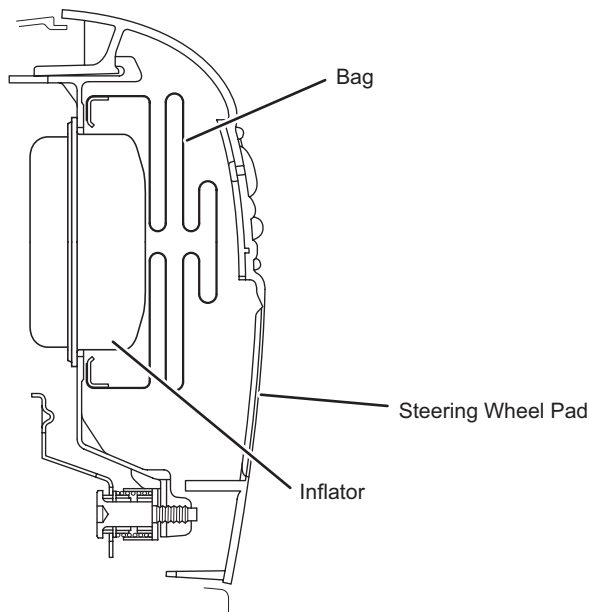
Main Components and Functions

Components	Functions
Spiral Cable	Transmits the ignition signal from the airbag sensor assembly to the driver's SRS airbag.
Dual stage (two step control type) driver seat / front passenger seat SRS airbags, driver seat / front passenger seat SRS knee airbags	Each airbag consists of an inflator and a bag. Upon receiving an ignition signal from the airbag sensor assembly, the inflator instantly ignites and generates gas to inflate the bag, in order to dampen and absorb the impact that is applied to the occupant.
Seat Belts with Pretensioners and Force Limiters	Upon receiving an ignition signal from the airbag sensor assembly, the gas generator ignites in order to instantly retract the seat belt, thus enhancing the restraining effect on the occupant.
SRS Airbag Warning Light	Illuminates in case of a system failure to alert the driver.
Front Airbag Sensor	Detects the deceleration during a collision and sends a signal for making an ignition judgment to the airbag sensor assembly.

Components	Functions
Seat Position Sensor(for Driver)	Detects the sliding position of the driver's seat.
Airbag Sensor Assembly	Make a deployment judgment based on the signal from the airbag sensor assembly and the front airbag sensor. A deployment judgment includes the safing sensor. It then sends a deployment signal to the SRS airbags, SRS knee airbags and seat belts with pretensioners and force limiter. During a system abnormality, malfunction diagnosis of the system can be performed by switching to diagnosis mode.

SRS Airbag for Driver

- The dual stage (two-step control type) driver's SRS airbag is built into the steering wheel pad.
- The SRS airbag, which is not disassemblable, consists of an inflator, bag, steering wheel pad, etc.



Dual Stage(two step control type)
Driver SRS Airbag

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