

SAFETY

SRS Airbag System

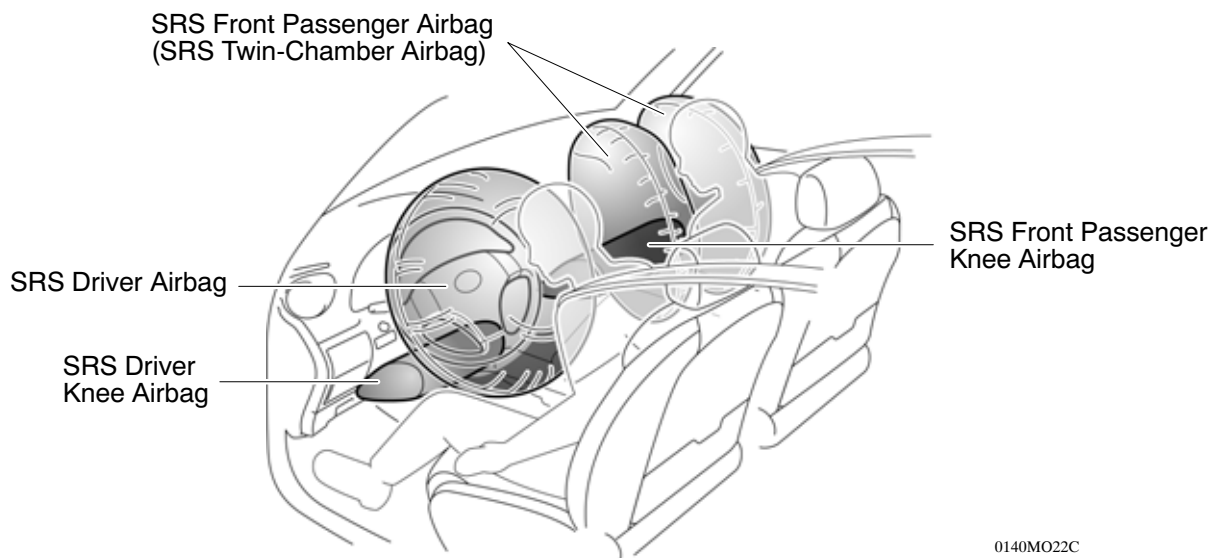
The SRS (Supplemental Restraint System) driver and front passenger airbags are used to help reduce shocks to the head and chest of the driver in the event of frontal impact collision and as supplements to the seat belts.

- The deployment force of the SRS driver and front passenger airbags is optimally controlled in dual-stages, in response to the following information:
 - Driver: Extent of the impact, Seat position, Seat belt fasten condition
 - Front Passenger: Extent of the impact

A twin-chamber SRS front passenger airbag has been adopted.

- SRS twin-chamber airbag features an advanced shape. Designed for the front passenger seat, the new airbag's two chambers create a depression in the center of the airbag upon deployment. This deployment is met by multiple surfaces, such as the head and shoulders, to disperse the physical impact of the airbag on the passenger. As a result, unlike existing airbags, which are deployed as a single bag, the new airbag can be expected to lessen the localized force applied to the human body immediately following deployment.

The SRS knee airbags are positioned in the lower part of the instrument panel on the driver and front passenger sides to receive the impact of the driver and front passenger lower body when the driver and front passenger shift forward in the event of a frontal collision, contributing to prevention of secondary impact to the lower body.



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The SRS side and curtain shield airbags are used to help reduce shocks to the head and chest of the driver, front passenger, and rear outer passenger in the event of side impact collision.



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