

CRASH ZONE SENSOR

id081000511300

Purpose

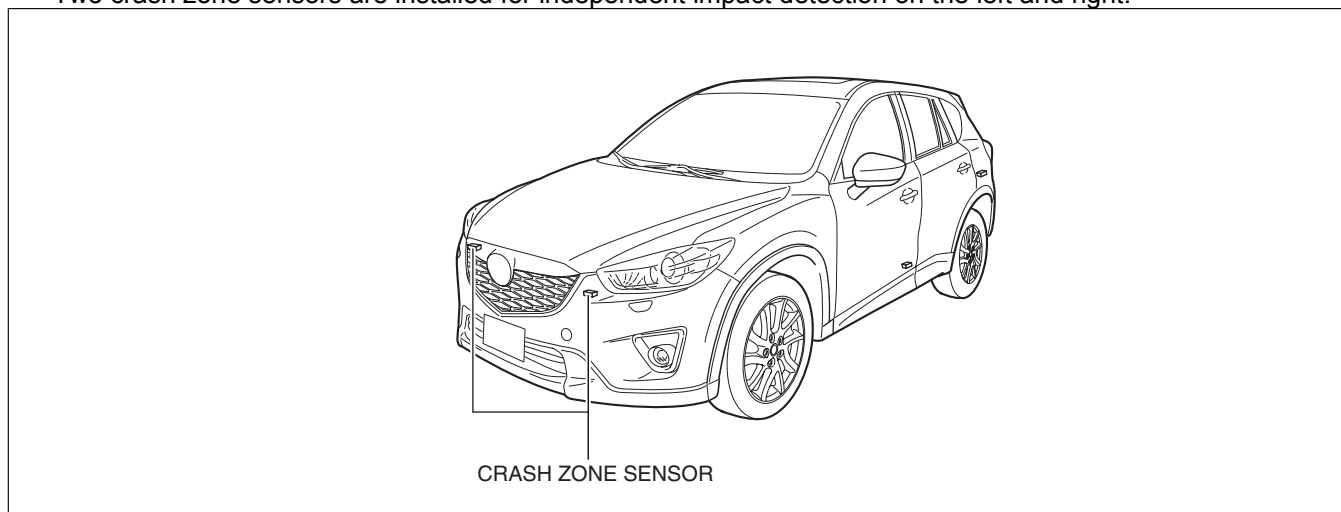
- The crash zone sensor detects an impact during a frontal or frontal offset collision to the vehicle.

Function

- The crash zone sensor converts the detected impact to an electrical signal.

Construction

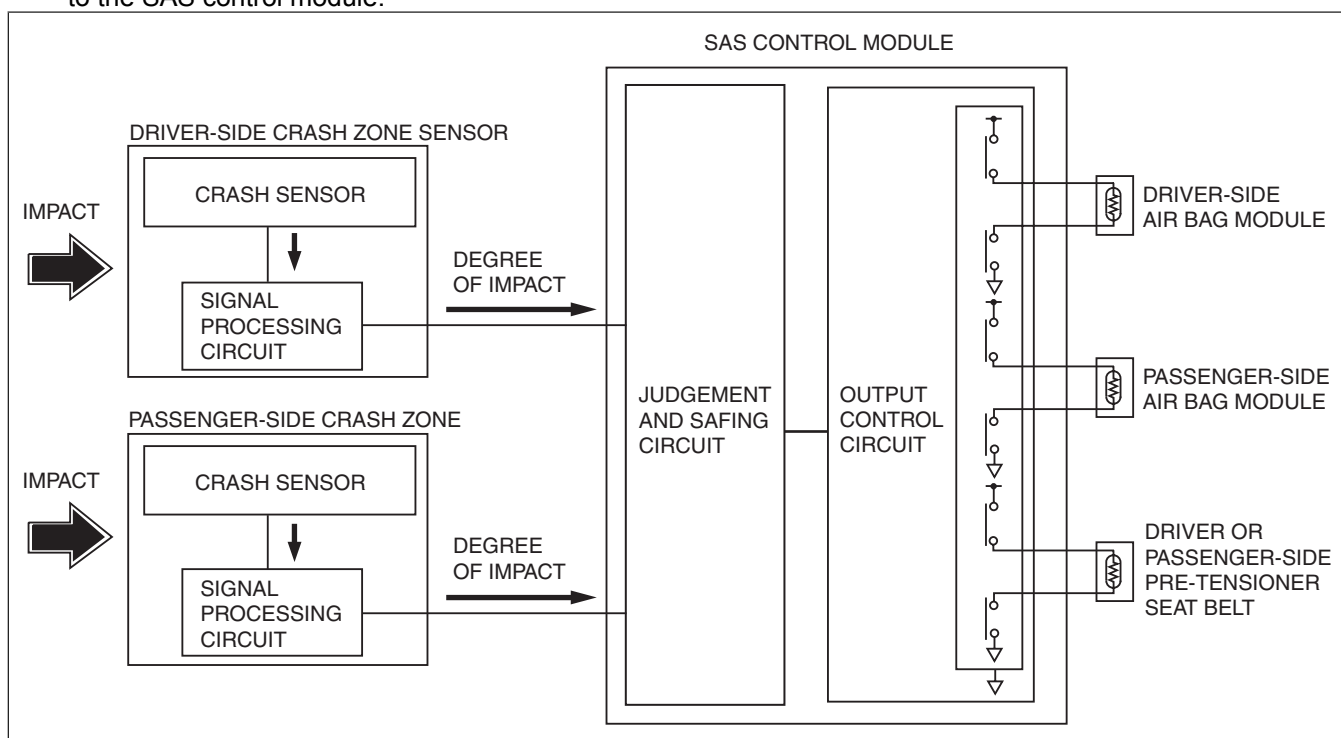
- The crash zone sensor is built into the clutch sensor.
- The crash zone sensor is installed to the shroud panel of the front bumper backside.
- Two crash zone sensors are installed for independent impact detection on the left and right.



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Operation

- The impact from a frontal or frontal offset collision to the vehicle is transmitted to the crash zone sensor.
- The crash sensor built into the crash zone sensor detects the impact and converts the impact into an electrical signal at the signal processing circuit.
- The crash zone sensor sends a signal indicating the degree of impact, which is converted to an electrical signal, to the SAS control module.



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Fail-safe

- Function not equipped.