
SIDE AIR BAG SENSOR

id081000501300

Purpose

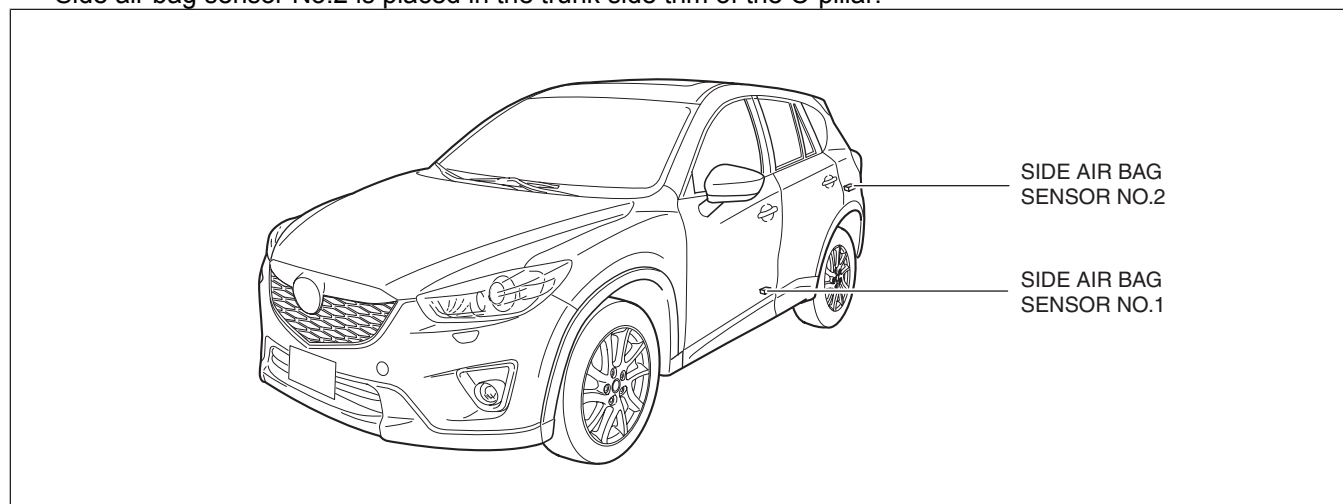
- The side air bag sensor detects an impact during a lateral collision.

Function

- The side air bag sensor converts the detected impact to an electrical signal.

Construction

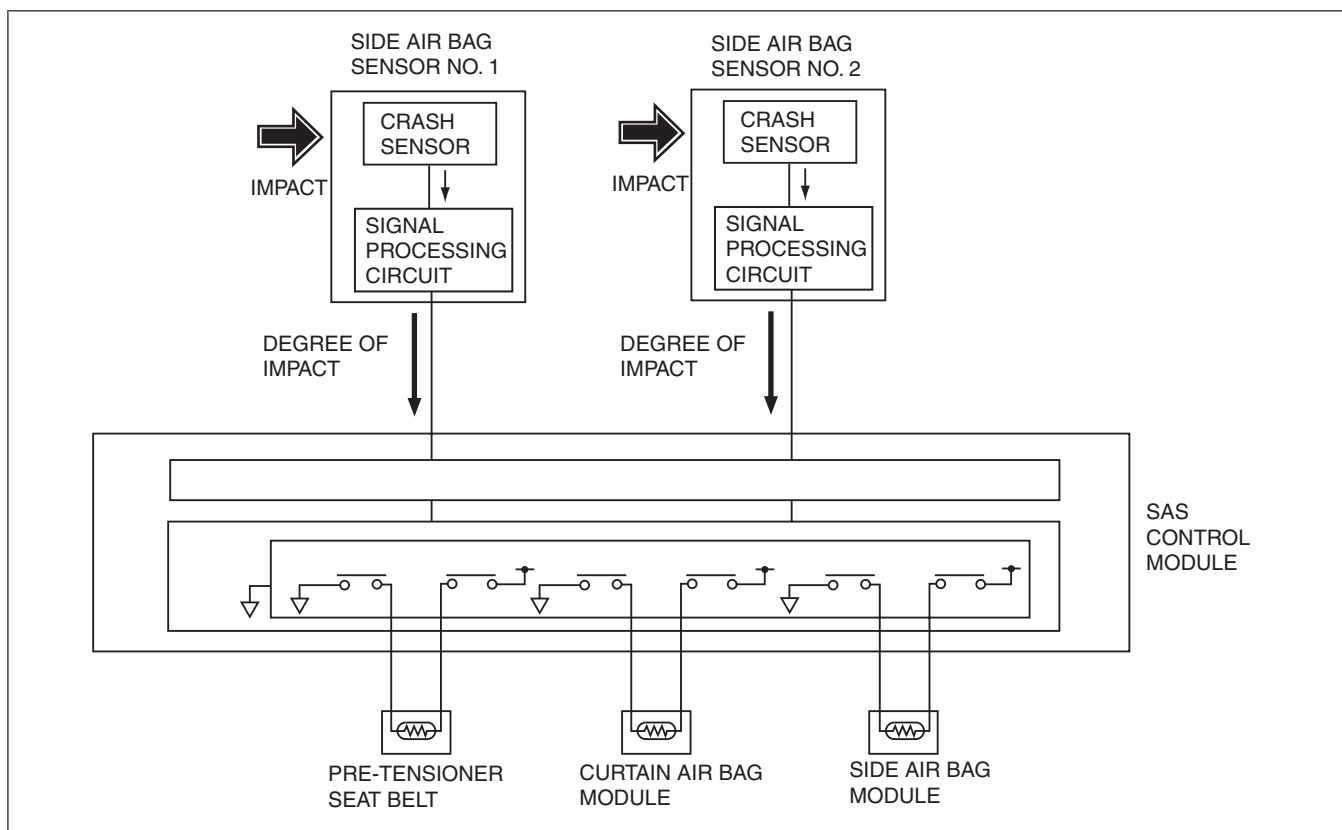
- The side air bag sensor is built into the crash sensor.
- Two side air bag sensors are installed on each side for independent impact detection at the forward or the rearward side of the vehicle.
- Side air bag sensor No.1 is placed in the lower part of the B-pillar lower trim.
- Side air bag sensor No.2 is placed in the trunk side trim of the C-pillar.



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Operation

1. The side air bag sensor detects an impact during a lateral collision.
2. The crash sensor built into the side air bag sensor detects the impact and converts the impact into an electrical signal at the signal processing circuit.
3. The side air bag 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.