Inspection and Replacement of SRS Components after a collision

Date	09/01/2026
Model	Lucid Air and Gravity

This position statement identifies Lucid Motors' Supplemental Restraint System (SRS) components that are required to be inspected when a Lucid vehicle is involved in a collision, and the damage exceeds minor cosmetic panel damage. Each SRS component that the restraint control module (RCM) monitors is critical for the safety of the driver and the passengers.

Note: Lucid vehicles undergo an extensive design, development, and testing program to make sure the supplemental restraint system (SRS) and related safety systems in each model meet or exceed all Federal Motor Vehicle Safety Standards and Lucid performance standards. Only Lucid safety system parts are to be used in the repair of Lucid vehicles. The use of non-Lucid parts, such as aftermarket, re-manufactured, or used parts, may compromise the function of the vehicle restraint system and the safety of the vehicle occupants.

Note: On the incidence of a collision, if any of the airbags, pretensioners or seatbelts are deployed:

- Check DTCs for the replacement of the RCM.
- If the vehicle is impacted, inspect the areas of occupancy for damaged/deployed components.

Note: Based on the severity of a collision, visual inspection of the restraint components around occupancy area is necessary to determine replacement requirements.

⚠ **Caution:** Before you work on the SRS system, do the following:

Perform 12V system disconnect. Refer to the procedures in the Service Manual for instructions.

Note: The procedures are different for Air and Gravity.

SRS Inspection Instructions

When vehicle damage exceeds minor cosmetic panel damage, follow these inspection steps.

1. Perform pre-repair scan.
2. Scan the vehicle and examine:
    - All SRS Diagnostic Trouble Codes (DTCs).

      Note: Failure is indicated when a device reports an open circuit to the RCM, indicating that a restraint is deployed and needs to be replaced. The failure type is indicated as 0x13 with a DTC Type of **Circuit Open**.

    - All restraint-system components in and around the impact zone.
    - Crash sensors and associated wiring in area of impact.

- Harness and harness connectors that connect to airbags, pretensioners, buckles, or impact sensors that deployed in the collision.

  Note: Disconnect 12V prior to inspecting connectors.
  Fireman's loop should be removed to power down all 12V systems.

- All the seats, whether they were occupied or not during the collision. For example, examine a child car seat that was installed but not occupied.
- Seat belt and pretensioner functionality.
- Seat belt webbing for tears, cuts, abrasion or frays.
- Seat adjustment for correct operation in all directions. Make sure the seat moves smoothly in all directions.
- Mounting points for seatbelts and seats for wear or visible deformation.
- Front knee airbags in occupied seats.
- Steering column. See Steering Column Position Statement for details.

SRS Replacement Guidelines

Follow vehicle-specific OEM SRS replacement requirements, and replace these components as guided.

- Restraint control module (RCM) if any airbag or pretensioner is deployed.
- Any deployed airbag and accompanying fasteners.
- Any deployed seatbelt pretensioner or buckles.
- Steering wheel, if the driver airbag (DAB) was deployed. The steering wheel can have damage that you cannot see.
- Steering column and steering column control module (SCCM) if DAB was deployed, the shroud if damaged, and the fasteners.
- Harness that has physical damage to the connector or wiring.
- Any damaged seat belts must be replaced.
- Seat assembly that has a built-in airbag that was deployed, as well as the mounting fasteners.
- Seat that has damage to its internal structure, due to excessive impact or heavy items on the seat.
- Impact sensors within area of direct impact.
- IP cover if the passenger airbag (PAB) is deployed.
- IP assembly must be replaced if there is damage to the IP frame.
- Inner cantrail/headliner if the curtain airbag (CAB) was deployed.
- All related fasteners that secure SRS components.
- Any module that has a DTC from the collision.

Perform post-repair scan and SRS verification.

SRS Component Locations in Air

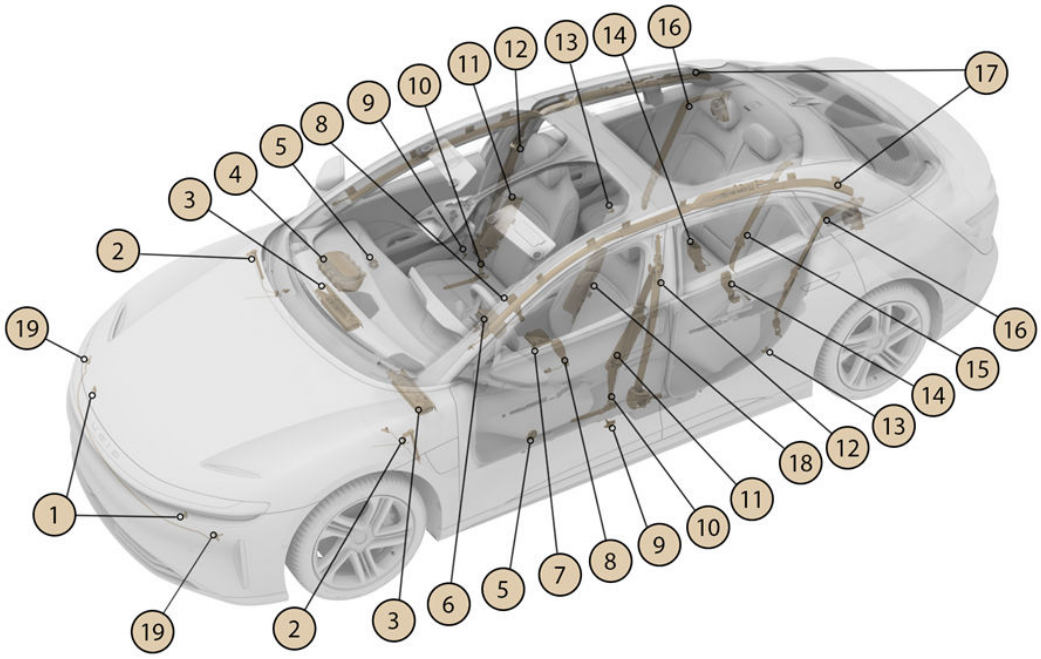

Figure 1.

1. Front Acceleration Sensors
2. Pedestrian Hood Actuators **(Europe only)**
3. Knee Airbags
4. Front Row Passenger Airbag
5. Pressure Sensor
6. Steering Airbag
7. Restraint Control Module
8. Seatbelt Buckle
9. Side Acceleration Sensor
10. Lap Pretensioner
11. Side Airbag
12. Front Row Seatbelt
13. Side Acceleration Sensor
14. Second Row Seatbelt Buckle
15. Second Row Center Seatbelt
16. Second Row Outboard Seatbelt
17. Curtain Airbag
18. Far Side Airbag **(Europe only)**
19. Pedestrian Pressure Sensor **(Europe only)**

SRS Component Locations in Gravity

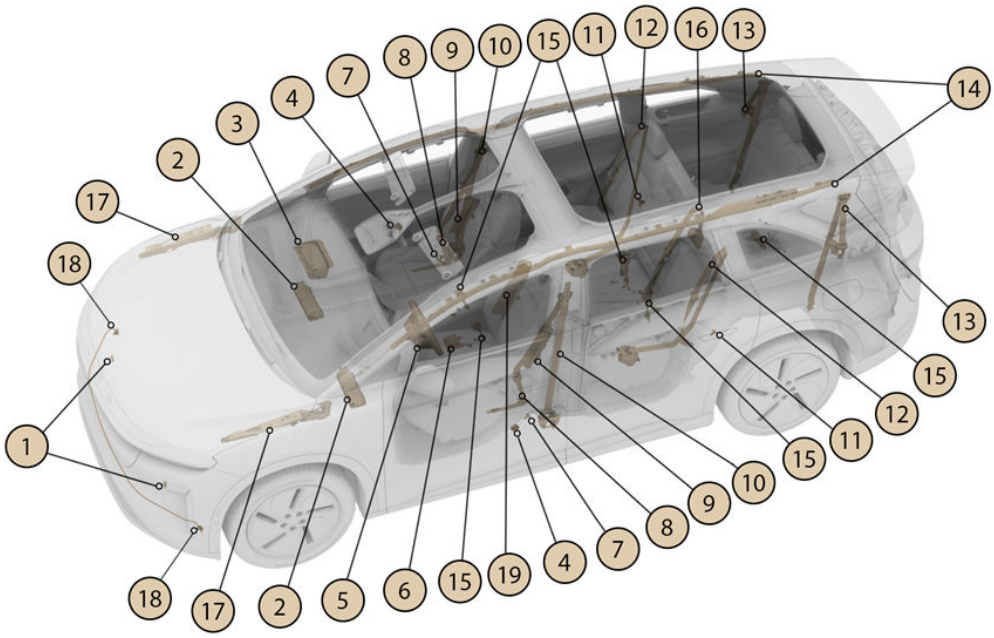

Figure 2.

1. Front Acceleration Sensors
2. Knee Airbags
3. Front Row Passenger Airbag
4. Pressure Sensor
5. Steering Airbag
6. Restraint Control Module
7. Side Acceleration Sensor
8. Lap Pretensioner
9. Side Airbag
10. Front Row Seatbelt
11. Side Acceleration Sensor
12. Second Row Seatbelt
13. Third Row Seatbelt
14. Curtain Airbag
15. Seatbelt Buckle
16. 2nd Row Seatbelt
17. Pedestrian Hood Actuators **(Europe only)**
18. Pedestrian Pressure Sensor **(Europe only)**
19. Far Side Airbag **(Europe only)**

