

Inspection and Repair After a Supplemental Restraint System (SRS) Deployment



WARNING: Remove restraint system diagnostic tools from the vehicle prior to road testing. If tools are not removed, the supplemental restraint system (SRS) device may not deploy in a crash. Failure to follow this instruction may result in serious personal injury or death in a crash and possibly violate vehicle safety standards.

NOTE: After diagnosing or repairing a Supplemental Restraint System (SRS), the restraint system diagnostic tools (if required) must be removed before operating the vehicle over the road.

NOTE: Deployable devices (such as air bag modules, pretensioners) may deploy alone or in various combinations depending on the impact event.

NOTE: Always refer to the appropriate workshop manual procedures prior to carrying out vehicle repairs affecting the [SRS](#) and safety belt system.

NOTE: The [SRS](#) must be fully operational and free of faults before releasing the vehicle to the customer.

All vehicles

1. **NOTE:** Refer to the correct removal and installation procedure for all [SRS](#) components being installed.

When any deployable device or combination of devices have deployed and/or the Restraints Control Module (RCM) has DTC B1231/B1193:00 (Event Threshold Exceeded) in memory, the repair of the vehicle [SRS](#) is to include the removal of all deployed devices and the installation of new deployable devices, the removal and installation of new impact sensors and the removal and installation of a new [RCM](#). DTCs must be cleared from all required modules after repairs are carried out.

Vehicles with Occupant Classification Sensor (OCS) system

2. **NOTE:** After installation of new Occupant Classification Sensor (OCS) components, carry out the Occupant Classification Sensor (OCS) System Reset procedure as instructed in the workshop manual. Refer to the appropriate workshop manual for [OCS](#) system removal and installation procedure.

When a vehicle has been involved in a collision and the Occupant Classification System Module (OCSM) has DTC B1231/B1193:00 stored in memory, the repair of the [OCS](#) system is to include the following procedures for the specified system:

- For rail-type [OCS](#) system, inspect the passenger side floorpan for damage and repair as necessary. Install new [OCS](#) system rails. Do not install a new [OCSM](#) unless DTC B1231 cannot be cleared.
- For weight sensor bolt-type [OCS](#) system, inspect the passenger side floorpan for damage and repair as necessary. Install a new seat track with [OCS](#) system weight sensor bolts. DTC must be cleared from the [OCSM](#) before carrying out Occupant Classification Sensor (OCS) System Reset. Do not install a new [OCSM](#) unless DTC B1231/B1193:00 cannot be cleared.
- For bladder-type [OCS](#) system, inspect for damage and repair as necessary. If installation of an [OCS](#) system component is required, an [OCS](#) system service kit must be installed.

All vehicles

3. When any damage to the impact sensor mounting points or mounting hardware has occurred, repair or install new mounting points and mounting hardware as needed.
4. When the driver air bag module has deployed, a new clockspring must be installed.
5. New driver and/or front passenger safety belt systems (including retractors, buckles and height adjusters) must be installed if the vehicle is involved in a collision that results in deployment of the driver and/or front passenger safety belt pretensioners. For additional information, refer to [Section 501-20A](#).

6. Inspect the entire vehicle for damage, including the following components:
 - Steering column (deployable column if equipped)
 - Instrument panel knee bolsters and mounting points
 - Instrument panel braces and brackets
 - Instrument panel and mounting points
 - Seats and seat mounting points
 - Safety belts, safety belt buckles and safety belt retractors. For additional information, refer to [Section 501-20A](#)
 - [SRS](#) wiring, wiring harnesses and connectors

 7. After carrying out the review and inspection of the entire vehicle for damage, repair or install new components as needed.
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