

Uniform Procedures For Collision Repair

RE51—Integrated Safety Seat

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v.2.3



1. Description

This procedure describes methods for the replacement and inspection of integrated or original-equipment child safety seats.



2. Purpose

The purpose of this procedure is to provide industry-accepted requirements for performing high-quality repair of integrated child safety seats. This procedure is intended for use by professionals who are qualified through training and experience.



3. Referenced Documents

The following documents are considered part of this procedure by reference.

3.1 Procedures

PS01 Personnel Safety

RE01 Seat Belt

3.2 Other Information

Vehicle-specific repair information



4. Equipment And Material Requirements

Does not apply.



5. Damage Analysis

5.1 General Damage

Inspect integrated child seats for these types of damage:

- gouges
- scratches
- cracks or tears
- distortion
- damaged, faded, or bowed webbing especially at maximum stress points such as at the buckle and where the webbing is attached to the seat



Damaged child seats must be replaced.

5.2 Seat Belts

Seat belt damage analysis information is in **RE01**.



6. Personnel Safety

6.1 General Safety

General safety information is in **PS01**.



7. Environmental Safety

Does not apply.

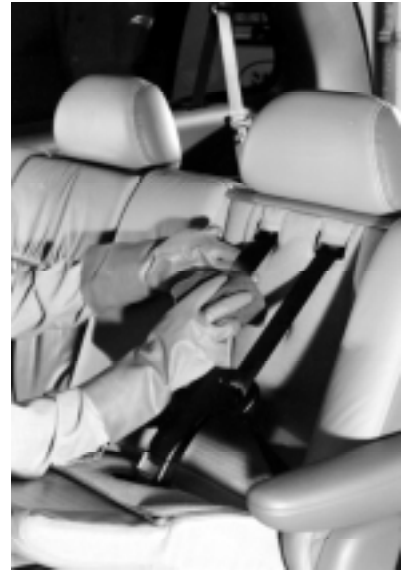


8. Vehicle Protection

8.1 Seat Belt Assemblies

To prevent damage to seat belt parts:

- Do not bleach or dye belt webbing. Clean webbing only with mild soap and water.
- Start mounting fasteners by hand to prevent cross-threading.
- Do not install anything in trim panels that will obstruct movement of the seat belt.
- Do not repair retractors.



9. Repair Procedure

9.1 Child Seat Module Removal

To remove child seat modules built into the rear seat back:

- 1. Remove the rear seat cushion.
- 2. Open the child seat.
- 3. Remove or pull back any trim or lining to access the fasteners holding the child seat module back-frame and base.
- 4. Remove the fasteners holding the child seat module back-frame and base.
- 5. Remove the child seat module from the vehicle.

9.2 Integrated Child Seat Module Installation

To install integrated child seat modules built into the rear seat back:

- 1. Position the replacement child seat module in the vehicle.
- 2. Reinstall the fasteners. Do not trap the seat belt webbing between the module and the back-frame when installing the upper fasteners. Torque the fasteners to the vehicle maker's recommendations.
- 3. Reinstall trim or lining to cover the fasteners, as required.





10. Use Of Recycled (Salvage) Parts

Do not install salvage integrated child seat modules that have been damaged, exposed to the weather, or from vehicles that have been involved in a collision.



11. Inspection And Testing

11.1 Inspection Of Replaced Integrated Child Seat Modules

Inspect replaced integrated child seat modules for these conditions:

- properly secured seat module
- properly anchored seat belts
- proper retraction of the webbing
- properly functioning buckle



Correct any defects.