



RC01P

Deck Lid

**Uniform
Procedures For
Collision Repair
UPCR**

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v.4.0



1. Description

This procedure describes the repair, replacement, and inspection of a plastic deck lid. Adhesive repairs are included for all types of thermoset plastics.



2. Purpose

The purpose of this procedure is to provide industry-accepted requirements for performing high-quality repair of plastic deck lids. 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

- CP01S Corrosion Protection
- DO01 Hinges
- PR11 Plastic Repair, Adhesive
- PS01 Personnel Safety
- RF01P Surface Preparation
- RF41 Finish Application
- ST31 Body Fillers

3.2 Other Information

- Equipment-specific information
- Product-specific information
- Recycled parts information
- Vehicle-specific repair information



4. Equipment And Material Requirements

4.1 Equipment

The use of a hinge-pin removal tool is included in this procedure.

4.2 Plastic Adhesive Materials

Use plastic adhesive materials as described in **PR11**.



5. Damage Analysis

5.1 General Damage

Inspect a plastic deck lid assembly for these conditions:

- visible damage
- improper previous repairs
- misalignment with adjacent panels
- reinforcements that have separated from the deck lid
- damaged or missing trim, labels, seals, etc.
- missing or damaged anti-flutter materials
- damaged latch or lock cylinder
- damaged hinges, torsion rods, or struts
- damaged lamp or reflector assembly

Determine whether the deck lid is to be repaired or replaced. Verify the availability of replacement parts. If there is severe damage to the hinge or striker mounting areas, the deck lid should be replaced. For hinge replacement procedures, see **DO01**.



6. Personnel Safety

6.1 General Safety

General safety information is in **PS01**.

6.2 Plastic Repair Safety

Plastic repair safety information is in **PR11**.

6.3 Deck Lid Repair Safety

Make sure the deck lid is properly supported, and use proper lifting techniques during removal and installation.

Torsion rods and spring-loaded hinges are under tension. Use special caution when working on deck lids equipped with torsion rods or spring-loaded hinges.



7. Environmental Safety

Does not apply.



8. Vehicle Protection

8.1 Deck Lid And Adjacent Areas

When working with a plastic deck lid:

- Protect the deck lid to prevent further damage during the repair.
- Protect adjacent panels and glass from damage.



9. Repair Procedure

9.1 Deck Lid Repair

Select the repair method and perform the repairs.

Note: Before proceeding, decide whether plastic repairs can be made more easily with the deck lid removed from the vehicle. For removal, see **9.2**. For installation, see **9.3**.

To repair a plastic deck lid:

- 1. Remove interior and exterior trim parts, if required for access.
- 2. Perform repairs using plastic adhesive repair procedures.
- 3. Replace trim-mounting studs or holes, if required.
- 4. Apply primer to all interior and exterior surfaces damaged by the collision or repairs.
- 5. Check the deck lid alignment. Adjust if required.
- 6. Refinish the deck lid to restore the appearance, including edges damaged by the collision or repairs. Refinish cosmetic surfaces after all body repairs are complete.
- 7. Replace or restore sound deadeners and anti-flutter materials that were damaged by the collision or repairs.
- 8. Install the inner trim panel.
- 9. Replace all trim, labels, weatherstrips, etc.
- 10. Continue vehicle reassembly.

9.2 Deck Lid Removal

To remove a plastic deck lid:

- 1. Open and support the deck lid.
- 2. Protect the backlite and adjacent panels.
- 3. Disconnect the electrical connectors, cables, hoses, and torsion rods, if required.
- 4. Mark the hinge positions on the deck lid, and on the body panel if the hinges are being replaced. Use existing painted surfaces as a reference.
- 5. Unfasten the deck lid from the hinges. Note the location of any shims.
- 6. Carefully remove the deck lid from the vehicle.
- 7. Remove the striker assembly.

(cont'd)



9. Repair Procedure (cont'd)

9.3 Deck Lid Installation

To install a plastic deck lid:

- 1. If installing a replacement deck lid, refinish the underside and edges of the deck lid before installation.
- 2. Protect the backlite and adjacent panels.
- 3. Support the deck lid on the hinges, and loosely install the fasteners. Reinstall any removed shims.



10. Use Of Recycled (Salvage) Parts

10.1 Condition Of Salvage Parts

Do not install a salvage plastic deck lid having any of these defects:

- unrepairable damage
- damage caused by fire
- improper previous repairs
- reinforcements that have separated from the deck lid

Replace any damaged or missing trim, labels, seals, latches, etc. Confirm that labels or information decals match the original. Replace if required.



11. Inspection And Testing

11.1 Inspection Of A Repaired Or Replaced Plastic Deck Lid

After installation or repair, inspect a plastic deck lid for these conditions:

- proper alignment with adjacent panels
- fasteners torqued to the vehicle maker's recommendations
- proper application of anti-flutter material
- proper operation of the lock cylinder
- proper operation of the torsion rods
- proper lubrication of the hinges, latch, and lock cylinder
- proper latching and release
- proper finish appearance and film thickness
- proper installation of all trim, labels, and fasteners
- proper installation of hoses, cables, wiring, and electrical connectors
- proper operation of electrical accessories
- proper sealing against air and water leaks

Correct any defects.