

RCI-52-22-002-2: Paintless Dent Repair

Rivian Automotive, LLC Position Statement

Document Type	Collision Repair Information Document
Date	February 2, 2023
Affected Region(s)	USA
Affected Model(s)	R1T, R1S
Model Year(s)	2022+
Vehicle System	52 - Body

Rivian has established important guidelines regarding collision repair and interaction with parts on Rivian vehicles to help ensure the vehicle is repaired to Rivian standards. Certified Collision Centers and the collision industry must follow these guidelines to uphold Rivian's standards of safety and quality.

Repair guidelines, position statements, and repair procedures published by Rivian are engineered and tested to help ensure Rivian vehicles are repaired to provide quality, performance, safety, and durability. To meet [Rivian Repair standards](#), repairs should be performed by Rivian Certified Technicians using Rivian approved repair procedures, tools, and Rivian Original Equipment Parts.

Overview

Paintless Dent Repair (PDR) is utilized to reduce the cost of repairing small, easily accessible, and shallow dents that do not have paint damage. PDR prevents panel removal and the need for color matching and/or blending into neighboring panels. The following guidelines have been tested and developed by Rivian for proper and safe application of PDR.

PDR techniques can be used on both steel and aluminum substrates, though, each may have limitations. For specific limitations refer to the appropriate vehicle's Material Matrix.

Before Repair

A 30X power, hand-held magnifying glass should be used to determine if there is micro-cracking on the paint surface. If micro-cracking is present, the panel must be sanded down to the substrate and refinished.

Paint coatings damaged by attempted PDR work must be repaired and refinished.

PDR Guidelines

- Do not drill, cut, or modify panels to gain access.
- Interior panels, trim, and modules may need to be removed to prevent damage.
 - Refer to the appropriate section in the service manual for removal and installation procedures.
- While performing repairs, take all necessary precautions to prevent damage that may be caused to electrical and mechanical components.
- Consider the substrate, panel contours, wire harnesses, drain hoses, as well as the locations of braces and sound deadening materials.
- Pushing and pulling on body panels can cause stretching beyond the flexible limits of the paint coatings, resulting in delamination or micro-cracking.
- Non-damaging glue pulling techniques should be utilized to avoid the use of push rods. The use of push rods can disrupt the factory corrosion protection coating on the backside of panels.

After Repair

After repairs are completed, PDR technicians must check for micro cracking using a 30X power, hand-held magnifying glass in addition to restoring all disrupted factory corrosion protection with the approved corrosion protection materials.

Always refer to the appropriate Rivian Repair procedure for the most up to date information regarding specifications as well as location, position, operation sensitivity, part numbers and any revisions listed.