

RCI-98-22-007-1: Pre and Post Repair Scan Requirements

Rivian Automotive, LLC Position Statement

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Affected Region(s)	USA
Affected Model(s)	R1T, R1S, EDV
Model Year(s)	2022+
Vehicle System	98 - Maintenance and Inspection

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. Additionally, Rivian requires that all scans and calibrations are performed by Rivian Certified Technicians.

Damage, loss of functionality, or disconnection of control modules, sensors, cameras, radar components, high and low voltage components, and other critical electronic devices may not be evident following a collision event.

These components should be evaluated before and after a repair to ensure proper functionality is restored by a system calibration. The vehicle may notify the driver of damage or failure on the in-vehicle display, however, there may be underlying issues that are only detectible through a vehicle scan.

To detect these errors and make sure that vehicle systems are working as intended, a pre-repair and post-repair scan of the vehicle using Rivian factory diagnostic equipment is required. These scans can be completed through the vehicle diagnostic port or using the in-vehicle display.

Pre-repair Scan:

Not all Diagnostic Trouble Codes (DTC) will be indicated by a warning on the vehicle display. Pre-repair scanning makes sure that all components affected by a collision are identified before the vehicle is disassembled. Identifying affected components before disassembling the vehicle can reduce the overall repair time by providing an accurate repair plan.

Post-Repair Scan:

Post-repair scanning makes sure that all replaced components are operational and within factory specifications.

To make sure Rivian vehicles are repaired to Rivian's standards of safety and quality, post-repair scanning should be performed when:

- A collision, mechanical, electrical, high or low-voltage repair has been performed.
- Any components that connect to the vehicle's electrical harness, components that make up an electrical harness, or components that make physical contact with electrical harnesses are removed.

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.