

RCI-22-22-001-2: Reconditioned Wheels

Rivian Automotive, LLC Position Statement

Document Type	Collision Repair Information Document
Date	5/24/2022
Affected Region(s)	USA
Affected Model(s)	R1T, R1S, EDV
Model Year(s)	2022+
Vehicle System	22 - Wheels and Tires

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.

Rivian vehicles are engineered and manufactured as an integrated assembly of carefully designed and manufactured parts that work together to deliver performance, safety, and durability. To help maintain continued performance, safety, and durability for the life of the vehicle, Rivian provides the collision industry with important information regarding collision repair and parts on Rivian vehicles. Due to the complexity of Rivian vehicles and their sub-systems, to meet Rivian Standards, all repairs should only be performed by Rivian Certified technicians. To meet [Rivian Repair standards](#), repairs should be performed using Rivian approved repair procedures, tools, and Rivian Original Equipment Parts.

Rivian does not support or approve the use of "reconditioned" (damaged and repaired) wheels. Reconditioning of damaged wheels may include heating, straightening, welding, material removal, reshaping, repair of the metal, or re-plating, which can affect the strength of the wheel. Reconditioned wheels do not meet standards for Rivian vehicles. To meet Rivian Repair Standards, all wheels on Rivian vehicles should be replaced with Rivian Original Equipment (OEM). The use of a wheel or wheels that have unknown origin and integrity, or that are non-OEM, may compromise vehicle safety, operation, driving range, and may cause loss of control which could result in injury or death.

Wheel Repair Guidelines

Rivian approves minor wheel repairs that are limited to surface sanding and cosmetic refinishing processes that remove and replace only paint coatings. Do not refinish wheel surfaces where the lug nuts secure it to the vehicle, or mating surfaces to the wheel hub.



Warning: Paint on these locations can result in wheels coming loose from the vehicle over time which can cause loss of control, compromising occupant safety.

Any wheel involved in or near a collision event must be thoroughly inspected for damage. What could appear to be superficial scrapes in the metal may actually include micro fracturing that can spread into larger structural fractures if only repaired with filler. Because of this uncertainty, if any damage to the base metal is found, the wheel is not repairable and must be discarded.

Rivian **does not** approve the following wheel repair practices:

- Heat Treatment to re-shape a damaged wheel
- Hammering
- Machining
- Filing
- Welding

Wheel Tire Pressure Monitoring System (TPMS) sensors must be replaced if the sensor housing is visibly deformed, or there is a fault within the wheel sensor.

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.