



CCIF
Calgary 2019

Test your knowledge



OEM Position Statements

Best practices

- OEMs provide position statements as a means to address common practices that are required on all models in their line-up
- Performing any repair requires research into OEM procedures, which includes position statements
- These procedures should be noted as early as the estimating and blue-printing stages to ensure a timely, accurate and safe repair

Question 1:

Does Ford allow an aluminum wheel to be reconditioned through welding and machining?

- A) Yes
- B) No



No: Ford states that a wheel “must be discarded if...[it] cannot be corrected with cosmetic sanding or polishing.”



**Collision Position Statement
February 15, 2018**

REMANUFACTURING OR REFINISHING STEEL AND ALUMINUM WHEELS

Ford Motor Company does not approve the remanufacturing/refinishing of steel or aluminum wheels when it involves re-machining, re-plating, welding, bending, straightening, reforming or adding new material other than cosmetic coatings, as this can compromise the structural integrity of the wheel and safety of the vehicle.

A reconditioned wheel, or any wheel not approved by Ford Motor Company, may cause unsafe vehicle operation and performance, including loss of control which may result in injuries to the vehicle occupants or other drivers.

Ford Motor Company approves refinishing of steel or aluminum wheels only if all necessary repairs/reconditioning can be completed by cosmetic sanding or polishing that removes no metal and, instead, removes only the finish.

Any wheel that is a candidate for refinishing must be carefully inspected and discarded if the wheel

Question 2:

Which manufacturer allows the use of remanufactured parts?

- A) Audi
- B) Kia
- C) Volvo
- D) None of the Above



Kia...has contracted with a number of high quality established suppliers to provide...remanufactured components, which meet very specific remanufacturing standards established and monitored by Kia engineers.



Genuine Parts

Kia Remanufactured Parts Use Statement

Kia Motors America has contracted with a number of high quality established suppliers to provide Kia consumers with superior remanufactured components, which meet very specific remanufacturing standards established and monitored by Kia engineers.

Engines, transmissions, starters, alternators, and air conditioning compressors are included in the list of available Kia authorized remanufactured components. These contain new internal Genuine Kia Parts so that a Kia remanufactured component is essentially almost completely brand new.

Some remanufactured parts, not authorized by Kia, are in fact rebuilt components where only worn items are identified and replaced, sometimes using aftermarket parts which do not meet the quality standards of a Genuine Kia Part. Kia Motors America does not recommend the use of non-Kia authorized remanufactured components, some which come with sub-standard warranties as well as sub-standard parts.

Authorized Kia Dealers nationwide have ready access to all genuine remanufactured components which may be needed for complete repairs, which includes Kia's excellent limited warranty.

Audi does not support the use of aftermarket, alternative, reverse-engineered, or remanufactured collision parts for the repair of structural components of any Audi vehicle involved in an accident.



Audi of America, Inc. • 2200 Ferdinand Porsche Dr. • Herndon, VA 20171

Subject: Audi Collision Repair Standards

Date: December 4, 2018

Vehicle Structural/Unibody Component Replacement

Applicable to All Audi Models

Audi of America
2200 Ferdinand Porsche Dr.
Herndon, VA 20171
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www.audiusa.com

Audi designs and equips its vehicles with the latest crashworthy features to help ensure optimum occupant safety. In maintaining these standards, Audi is providing Audi Certified Collision Repair Facilities with critical information pertaining to collision repair/parts replacement on Audi vehicles.

Volvo “does not approve of the use of reconditioned replacement parts.”



Volvo Car USA LLC: Statement on parts

Aftermarket Parts Utilization: Volvo Car USA does not approve of the use of aftermarket replacement parts. All the parts in a Volvo vehicle are responsible for specific functions. Genuine Volvo parts have been optimized for safety, structural integrity and fit. Aftermarket parts are not subjected to the same testing and requirements and may not be manufactured to the same standards. Thus, using aftermarket parts may compromise the vehicle’s performance and safety, placing passengers at risk.

Aftermarket parts (like bumpers, shocks, reinforcements, headlights, supports, fenders, hoods, suspension and unibody components) may interfere with the functionality of vehicle crumple zones, Supplemental Restraint Systems and drivetrain. It is also undetermined whether or not the aftermarket parts being installed meet Federal Motor Vehicle Safety Standards. Use of aftermarket parts can affect vehicle warranty, if the parts cause failures to other systems directly or indirectly.

Reconditioned Parts Utilization: Volvo Car USA does not approve of the use of reconditioned

Question 3:

Which manufacturer recommends spot repairs (clear coat blending)?

- A) Hyundai
- B) Nissan
- C) Volkswagen
- D) None of the Above



No manufacturer recommends or approves the blending of clear coat.

“Hyundai Motor America does not recommend clear coat ‘blending’ as an acceptable repair procedure.”

Nissan “does not recommend partial clear coat refinishing, ‘solvent blending,’ or ‘melting’ for any refinishing work that is being performed.”

VW states “‘solvent blending’ is not an acceptable method of repair on any Volkswagen vehicle.”



Question 4:

Which manufacturer states that, “unless partial replacement procedures are documented...structural panels must be installed in their entirety – partial replacement or ‘sectioning’ of panels may compromise vehicle structure.”

- A) Fiat-Chrysler Automobiles
- B) Ford Motor Company
- C) General Motors Corporation



Fiat-Chrysler is the source of that quote; however, all manufacturers have a similar position.



STRUCTURAL REPAIR PARTS USAGE FCA US LLC POSITION

FCA US LLC vehicles, systems and components are engineered, tested and manufactured to protect vehicle occupants based on both government-mandated and internal corporate requirements relative to durability, NVH (noise/vibration/harshness), occupant protection and vehicle safety.

The overall structural integrity of the vehicle is dependent on its inherent design specifications. Sheet metal and glass are critical elements in the design of specific crush zones that allow the energy of a collision to be absorbed in a predictable way to maximize the effectiveness of the restraint system to protect the occupants. The use of parts not specifically designed and tested by FCA US LLC may compromise the integral balance between these safety systems.

Only Authentic Mopar® Repair Parts and Mopar Glass are designed, engineered, manufactured and tested to the FCA US LLC internal and government-mandated standards and are the only parts equivalent to the originally installed parts.

FCA US LLC does not approve of or recognize structural repair procedures where Authentic Mopar Parts are not used for Chrysler, Dodge, Jeep®, Ram and FIAT® Brand vehicles. Any repairs performed not using Mopar Parts, and not following published repair



Finish

How did you perform?