

# Structural Repair Procedures Not Requiring a Frame Bench

Lists the structural repairs that can be done without mounting the vehicle on a frame bench.

All structural repairs must be performed with the vehicle properly mounted to an approved frame bench, with the exception of the procedures listed below.



## CAUTION

Some of the procedures listed below require special setup to reduce stress on the vehicle structure when performing a repair when the vehicle is not on a frame bench. Special setups for repair procedures may include:

- Raising the vehicle off the suspension
- Removing or disconnecting the spring assemblies
- Removing the sub-frame assemblies
- Supporting sub-frame assemblies with screw jacks (as shown below)

Refer to the notes for each procedure below for special setup requirements.

Figure 1. Example of vehicle setup with jacks and spring assemblies highlighted in red



- Body Side Outer Assembly
- Cowl Top Assembly (Section)

- Fender and Lamp Support Bracket
- Fender Attachment Brackets
- Fender Front Inner Bracket
- Fender Support Bracket
- Front Header Assembly
- Front Jack Pad Bracket
- Frunk Bracket
- Parcel Shelf Rear Extension
- Quarter Outer Complete
- Quarter Outer Skin
- Rear Aero Shield Brackets
- Rear Body Panel
- Rear Center Trough
- Rear Fascia Bracket
- Rear Header Assembly
- Rear Jack Pad Bracket
- Rear Quarter Outer Lower
- Rear Rail to Lower Quarter Extension
- Shock Tower Closeout

**Note**

Front Suspension must be removed, the front of the vehicle must be supported with jack stands in the front jack pad locations, and the front spring assemblies must be disconnected or removed.

- Shotgun Inner

**Note**

Front Suspension must be removed, the front of the vehicle must be supported with jack stands in the front jack pad locations, and the front spring assemblies must be disconnected or removed.

- Shotgun Outer
- Torque Box Cover Assembly

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Front Suspension must be removed, the front of the vehicle must be supported with jack stands in the front jack pad locations, and the front spring assemblies must be disconnected or removed.

- Trunk Floor Assembly (Complete)
- Trunk Floor Assembly (Side Panel)
- Trunk Floor Extension
- Wheelhouse Extension

In the images below:

- Green = Frame bench/fixturing not required
- Silver/gray = Frame bench/fixturing is required
- Yellow = Special vehicle support setup required, as described above

