



RUST BUSTER

RB7743
Rear Fuel Tank Crossmember
2009-2018 Ram 1500



REQUIRED TOOLS

Jack Stands or Lift
Mig Welder
Paint/Primer
Hand Grinder
Cutting Wheel or Torch
Welding Gloves
Welding Hood/Shield
Ear & Eye Protection
Sockets & Wrench
Fire Extinguisher
Tape Measure
Paint Marker or Chalk
C-Clamps
Mallet

KIT CONTAINS

Rear Fuel Tank Crossmember
M10 Flanged Hex Screw
M10 Flange Locknut

QTY

1
1
1



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1) PREPARING YOUR VEHICLE

Begin by disconnecting your battery prior to starting your installation.

Inspect your vehicle for leaking fuel lines, fuel tank and engine components. If you have fuel leaks repair all leaks prior to starting your installation. If your fuel tank is near your welding area, **remove your tank prior to welding.**

Remove all combustible items above the work area such as seats, carpets, padding, etc.

Keep all flammable materials away from the vehicle work area.

2) PREPARING YOUR WORKSTATION

Keep a fire extinguisher close by in the case of fire and make sure you always have a designated "Fire Watch" to assist during the cutting or welding phases.

Abide by all apprenticed welding safety standards and practices.

Always use appropriate welding eye protection, ear protection, and work and fire safety gloves during the installation and within the work area.



WARNING!

If you are unsure on how to perform the installation or how to operate any of the required tools listed above, it is **HIGHLY** advised that you enlist the work of a certified welder/installer.

Failure to follow proper safety precautions and instructions may result in serious injury. **The user assumes all liability when installing the product.**



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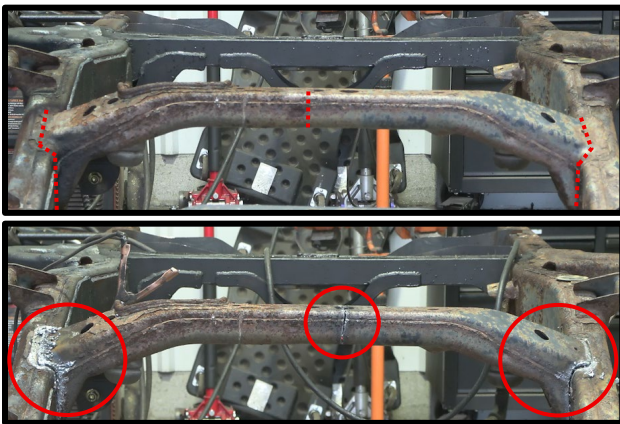
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3) PREPARING FOR YOUR INSTALL

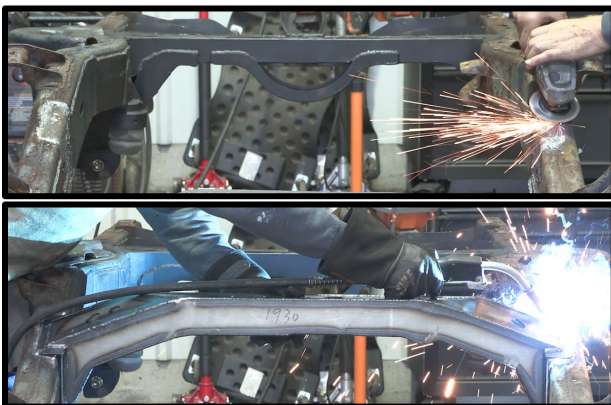
Uninstall the **bed mount bolts**, and **lift the bed**. Remove the **bed mount bushings**. Uninstall and remove your fuel tank, and any fuel lines near the rear of the vehicle.

4) CUT



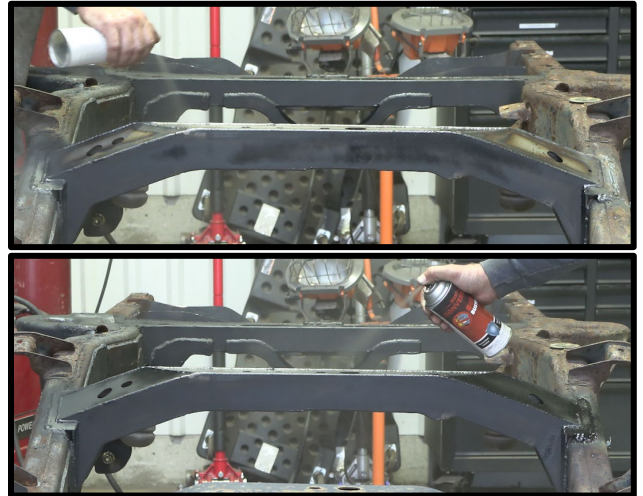
Cut off and remove the **factory rear fuel tank crossmember**. Cuts will need to be made along the **base of the crossmember**, as well as in the **middle of the crossmember**, to assist in removal.

5) WELD



Remove any **frame rot, rust, or debris** from the work area. Using the **factory part's silhouette**, **align the ends of the replacement crossmember** on the frame rails. Following proper welding procedure, **tac-weld the part in place prior to welding all edges fully**.

6) PAINT



Paint the part and work area with **rust inhibitor** to **prevent or reduce future rust** formation. We recommend our **Rust Buster Rust Converter and Primer Spray Paint (RB9917)**.

7) REINSTALL

Re-install the **fuel tank and fuel lines**. Re-install or replace the **bed mount bushings**. Lower the bed back down to the frame, and re-install the **bed mount bolts**.