



RUST BUSTER

RB7719
Rear Fuel Tank Crossmember
2002-2008 Dodge 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

Fuel Tank Crossmember
Frame Reinforcement Plates
15mm M10 Locknut

QTY

1
4
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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3) PREPARING FOR YOUR INSTALL

Lift or remove your Ram's bed. Uninstall your **fuel tank** and any **fuel lines** in the work area. This will clear enough room for this installation.

4) CUT



Cut the **factory rear fuel tank crossmember** from the frame. Make the cuts on the frame walls to remove it. On the **right frame rail (passenger side)** the frame walls will need to be **cut taller** to allow installation of the replacement crossmember. Use the included frame reinforcement plates as a template for how much frame can be cut out.

NOTE

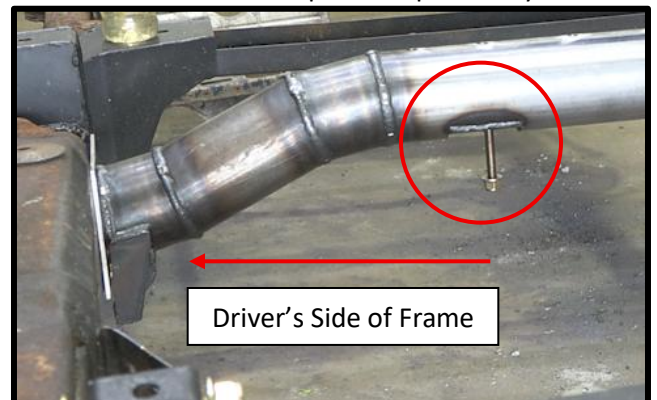


On the **passenger side**, where the extra material is removed, you will need to **split the frame reinforcement plate** that is installed on the **inside of the frame rail**.

5) WELD



Slide the Rust Buster replacement fuel tank crossmember into the **larger hole on the right frame rail (passenger side)**. Slide a frame reinforcement plate on to the other end of the crossmember before inserting the crossmember into the other frame rail (driver). Place the remaining frame reinforcements on the crossmember on the outside of the frame rails. Ensure the bolt that extends from the bottom of the crossmember is closer to the driver's side of the frame. Following proper welding procedure, **tac-weld the crossmember and frame plates in place**. Tac-weld the frame reinforcement that was split last to ensure proper fitment. Finally, weld the crossmember and frame plates in place fully.





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6) **PAINT**



Paint the part with **rust inhibitor**, such as our Rust Buster **Rust Converter Rust Converter and Primer Spray Paint (RB9917)**, to protect your frame from future rust issues.

7) **RE-INSTALL**

Re-install your fuel tank and fuel lines. Lower and re-install your Ram's bed to the frame.