



# RUST BUSTER

**RB7717**  
**Transmission Crossmember**  
**2002-2008 Dodge Ram 1500**



**VIDEO AVAILABLE**



**REQUIRED TOOLS**

Jack Stands or Lift  
Paint/Primer  
Hand Grinder  
Ear & Eye Protection  
Sockets & Wrench  
Hammer

**KIT CONTAINS**

Transmission Crossmember  
M12 Flange Head Hex Screw  
M12 Flange Locknut

**QTY**

1  
4  
4



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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

Support the transmission and disconnect it from the old crossmember.

### 4) REMOVE THE FACTORY CROSSMEMBER

With an 18mm socket and wrench, remove the factory bolts retaining the factory crossmember, followed by removing the crossmember.



After removing the crossmember, clean the area free of rust and debris, revealing bare metal.

We recommend prepping, priming, and painting the crossmembers mounts before installing your part. This will ensure that the mounts continue to be protected from rusting.

We recommend our Rust Buster Rust Converter & Primer Spray Paint (RB9917).

### 5) INSTALL

Take your replacement transmission crossmember and slide it up in between the two brackets. Tap it into place using a hammer if needed.



**NOTE:** The side of your crossmember that sticks out should face towards the front of your vehicle.



Once your crossmember is in place, take the included hardware and slide your screws into place. Screw on the included locknuts, followed by tightening your hardware with an 18mm socket and wrench.





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### 6) **PAINT**

If you didn't paint your crossmember prior to installing it, paint it at this time with a primer or other rust inhibitor to help prevent or reduce the risk of rust formation.



### 7) **REINSTALL**

Reinstall your transmission.