



# RUST BUSTER

## RB8447 Transmission Crossmember 2001-2004 Toyota Sequoia



### REQUIRED TOOLS

Jack Stands or Lift  
Primer  
Welding Gloves  
Ear & Eye Protection  
14, 15, & 17mm Sockets  
Ratchet  
Impact Wrench  
Fire Extinguisher  
Wrench  
Cutting Torch OR  
Plasma Cutter  
Hammer or Mallet  
Punch  
Grinding Wheel

### KIT CONTAINS

Transmission Crossmember  
M10 Nylon-Flange Locknut  
M10 Steel Flange Screw

### 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

If needed, lift your vehicle into a comfortable working height. Support your transmission and unbolt the mount from your crossmember.



### 4) REMOVE THE FACTORY CROSSMEMBER

Remove the four mounting bolts that hold the crossmember. If the bolts do not need to be cut to be removed, use a 17mm socket to remove them. If they are rounded off or rusted in place, use a cutting tool to remove them. Then, remove the factory crossmember. You may need to use a hammer.



With a grind wheel, clean up the mounts of any rust and debris left behind, especially around the bolt holes, to ensure a precise fit.



### 5) INSTALL

After removing the factory crossmember, hold the Rust Buster replacement crossmember up to the two mounts where your factory crossmember was installed. You can use a jack to hold your part in place.



**NOTE:** The large circular holes on the top of your crossmember should be facing straight up.

Once in place, install all four M10 Steel Flange Screws (15mm socket) and their corresponding M10 Nylon-Flange Locknuts (14mm socket), and ensure they are tightened down.





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### 6) **PAINT**

Paint the part with primer or other rust inhibitor to help prevent or reduce the risk of rust formation.



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

### 7) **REINSTALL YOUR TRANSMISSION**

Bolt your transmission mount back to your crossmember, then lower your vehicle back down.