



**RUST
BUSTER**
FRAMEWORKS

RB7428R & RB7428L
**2000-2020 Chevy/GMC/Cadillac Tahoe,
Yukon, Avalanche, Suburban, Yukon XL
Escalade EXT/ESV**
Rear Upper Control Arm Frame Repair Kit



REQUIRED TOOLS

Jack Stands or Lift
Mig Welder
Paint/Primer
Locking Pliers
Hand Grinder
Cutting Wheel or Torch
Welding Gloves
Welding Hood/Shield
Ear & Eye Protection
Sockets & Ratchet
Fire Extinguisher
Large C-Clamps

KIT CONTAINS

Rear Upper Control Arm Section
M14 Flanged Hex Screw

QTY

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 and water 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.



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 vehicle's body and rear upper control arm, then remove the rear wheel.

4) CUT

Hold up your part to the frame and take note of its coverage. Remove the factory control arm mount using a torch or cutting tool, then remove 1-2 inches of material from the bottom of the frame rail.

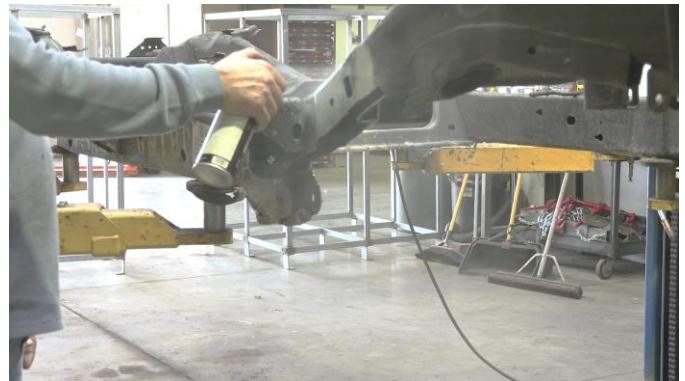


5) PREPARING TO WELD

Grind the work area down to bare metal, removing any rust and remaining debris.



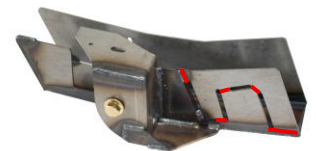
Spray the work area with a weld-through primer to prevent or reduce future rust formation.



NOTE: This part features perforations to accommodate the factory center rear body mount and fuel tank crossmember. If you are planning to keep one or both parts, remove the corresponding perforations as shown below.

Crossmember
Perforation

Center Rear Body
Mount Perforation



6) WELD

Slide the part onto the frame, using the frame holes to assist with alignment. C-clamp the part in place. Following proper welding procedures, tack-weld the part to the frame, before welding all edges fully.





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7) PAINT AND PROTECT

Paint the installed part and work area with a rust inhibitor to prevent or reduce future rust formation.



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

8) RE-INSTALL

Re-install the upper control arm, rear wheel, and your vehicle's body. This kit includes the bolt for the upper control arm.