



**RUST
BUSTER**
FRAMEWORKS

RB7507

**04-12 Chevy/GMC Colorado/ Canyon
Fuel Tank Crossmember**



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

KIT CONTAINS

Gas Tank Crossmember
Tank Strap Bracket

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 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

Remove your vehicle's bed, fuel tank, gas tank strap, and exhaust hanger.



Mark off your cut lines and ensure you include the frame brackets.



On the outside of the frame where the crossmember sits, there is a .5 inch hole that the factory uses as an alignment feature. Since we are removing this piece, we recommend drilling or marking this location so the new crossmember can sit in the factory location.

Additionally, we recommend measuring the frame width so that when the crossmember is removed, you can identify if the frame shifted.



4) CUT

Begin cutting the crossmember and gas tank strap bracket followed by grinding down the zones free of rust and debris, revealing bare metal.



Remember to fully remove the brackets from the rails so that they're completely flush.





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Paint the part and work area with a weldable primer to help prevent against rust.

Push the part into place and C-clamp to the frame.

5) WELD

Remove any potential fire hazards from the work area. Tac weld the part to the frame. Following proper welding procedures, begin welding the part.

100% weld around all edges.



Finally, weld the included gas tank strap bracket to the frame rail.



6) PAINT AND PROTECT

If you chose not to protect your part in (Step 4), coat the part and work area with a primer or other rust inhibitor to help prevent or reduce the risk of rust formation.

