



RUST BUSTER

RB7080
Forward Gas Tank Crossmember
2004-2008 Ford F-150



VIDEO AVAILABLE



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
Hammer

KIT CONTAINS

Forward Gas Tank Crossmember
Right Inner Frame Plate
Left Inner Frame Plate
Right Outer Frame Plate
Left Outer Frame Plate
M10 Clip-On Nut
M10 Hex Head Screw (Fully Threaded)

QTY

1
1
1
1
1
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

Lift or remove the cab out of the way. Remove any lines or power harnesses from the work area.

4) CUT

Cut out the factory forward gas tank crossmember. You may need to cut your crossmember in half to make it easier to remove.



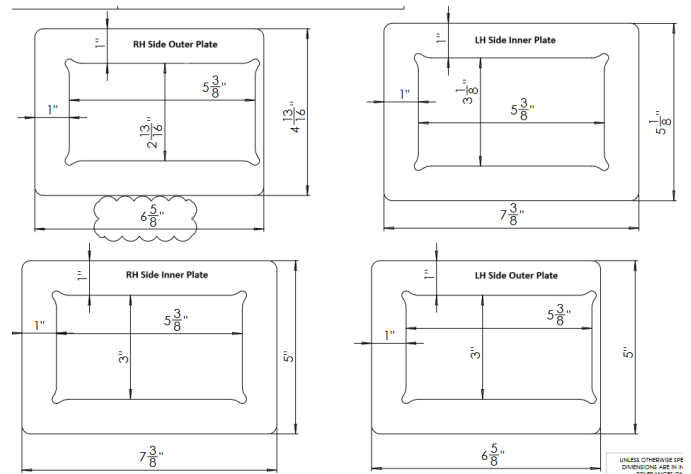
Grind the frame free of rust and debris, revealing bare metal.

Spray the work area with a weld-through primer to help prevent against rust development.

5) WELD

Take your replacement forward gas tank crossmember and slide the two inner plates onto your crossmember.

NOTE: The measurements of your frame plates will be different on each side. You will need to use a tape measure to confirm your measurements before sliding on your plates.



Right Inner Frame Plate: 7 1/3" x 5"

Left Inner Frame Plate: 7 3/8" x 5 1/8"

After sliding on your inner plates, take your crossmember and slide it into place, one side at a time.





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Once your crossmember is in place, take the two outer plates and slide them onto each end of your crossmember. Again, the measurements will be different on each side.

Right Outer Frame Plate: 6 5/8" x 4 13/16"

Left Outer Frame Plate: 6 5/8" x 5"



Following proper welding procedures, tack weld your crossmember and its plates to the frame before welding them on fully. Weld 100% around all edges.



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**

Reinstall your cab.