

Ford® 93-06 Ranger Rear Frame Section









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 & Water

KIT CONTAINS

Rear Frame Section M10 Flanged Bolt M10 Flanged Nut

QTY

1 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 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.



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 Jack your vehicle, and support it with jack stands.



Remove your vehicle's hitch, rear bumper, and bed. For a tutorial on how to do this, please visit www.youtube.com/rust buster frameworks for a step-by-step guide and walkthrough.

With a 17mm & 16mm socket, remove the 4 bolts from the hanger, and push the leaf down and out of the way.



Attempt to push the new part onto the rail. Take note of any difficulties, and continue to clean the frame, revealing bare metal.





(OPTIONAL): Coat the part with a weld-able primer or other rust inhibitor prior to installation to help prevent or reduce the risk of rust formation.





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With the included hardware, begin installing the new rail onto the frame. Doing so will help to properly align the part.





Coat the part and area with a weld-able primer prior

4) WELD

Remove any remaining potential fire hazards on both the vehicle and surrounding area.

C-clamp the part to the frame and, while following proper welding procedures, begin welding the part.

100% weld around all edges.





5) PAINT AND PROTECT

If you chose not to protect your part in (Step 3), coat the part and work area with a primer or other rust inhibitor to help prevent or reduce the risk of rust formation.

6) REASSEMBLE YOUR VEHICLE

Reinstall your hanger.



Reinstall your bed.