



**RUST
BUSTER**
FRAMEWORKS

RB7211R & RB7211L

Ford® 98-03 Ranger
Front Leaf Spring Hanger 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

RB7211L

Leaf Spring Hanger Frame Section (Driver)
Flanged Hex Bolt
Hex Nut

RB7211R

Leaf Spring Hanger Frame Section (Passenger)
Flanged Hex Bolt
Hex Nut

QTY

1
4
4

1
4
4



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F R A M E W O R K S

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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



Remove your vehicle's bed. We show how to do this in an instructional video which can be found on our [website](http://www.rustbuster.com) or [YouTube.com/RustBusterFrameworks](https://www.youtube.com/RustBusterFrameworks).

Lift or jack your vehicle, and support it with jack stands.

If you intend on retaining the spring hangers, begin removing it by drilling out the 4 rivets securing it to the frame, followed by rotating it down and out of the way. We recommend you sandblast and protect the hanger before reinstalling it.



Hold the part up to the frame using the frame holes for alignment and take note of its coverage. Mark off any sections you wish to cut off, while leaving enough to weld back on to.



(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.



RUST BUSTER

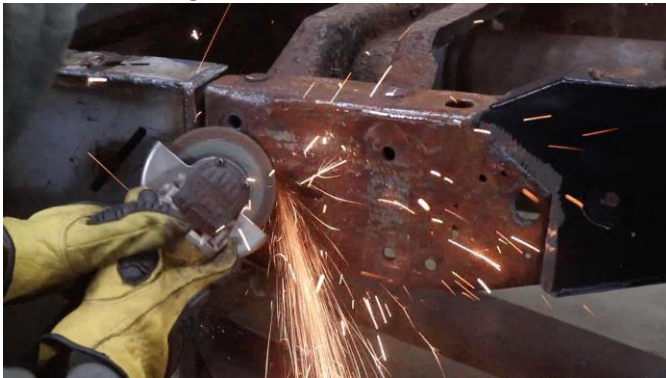
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4) CUT

Begin cutting and cleaning the frame of any rust and debris, revealing bare metal.



Push the part into place, using the angle and frame holes for alignment. With the included 4 bolts and nuts and an 18mm socket, secure the part to the frame to help with alignment and weld spacing.



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

5) WELD

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

Use a jack stand or C-clamps to hold the part into place and, while following proper welding procedures, weld the part to the frame.



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

100% weld around all edges.

6) 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.

7) REASSEMBLE YOUR VEHICLE

Remove the 4 bolts and begin (re)installing your hanger. With a jack, lift the axle, causing the spring to rise, until the hanger can be installed safely.

