



**RUST
BUSTER**
FRAME REPAIR

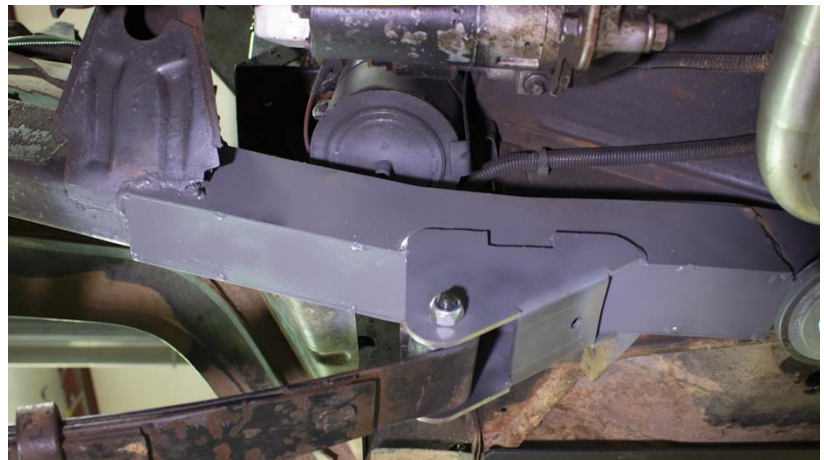
RB2015R

Jeep® YJ Wrangler

Front Leaf Spring Mount Section - Passenger



VIDEO AVAILABLE



REQUIRED TOOLS

Jack Stands or Lift
Air Hammer
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

Leaf Spring Bushing
(REQUIRED)

KIT CONTAINS

Front Leaf Spring Mount Section
-Passenger Side
M14x100mm Hex Bolt
M14 Nyloc Nut
M14 Flat Body Washer

QTY

1
1
1
2



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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

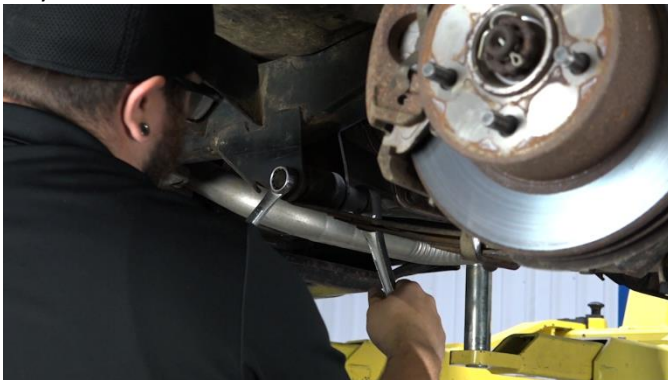
Lift your vehicle.

Remove the wheel and tire and set them out of the way.

Support your axle using two jack stands for the driver and passenger sides.

Drop and remove the gas tank and all cords and tubes associated with it, and plug/cover the remaining tubes to prevent fume leakage. Place it safely outside of your workstation as it poses a fire hazard during installation.

Using a 21mm and 22mm, remove the leaf spring bolt and push the leaf spring down and out of the way.



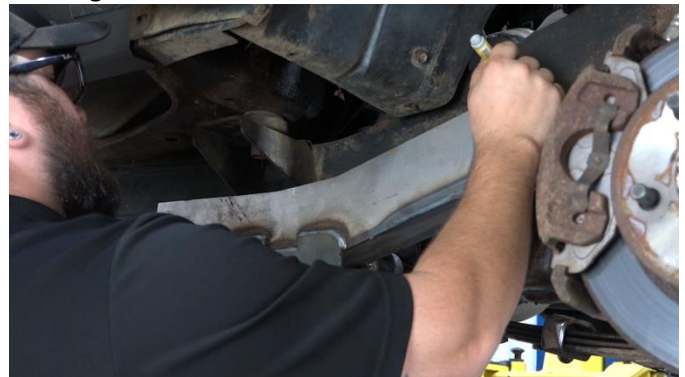
Remove the old bushing material and casing from the leaf spring. We recommend using an air hammer or hammer and chisel as it may be rusted and fused, making it difficult to remove.



Depending on the exhaust routing, it may need to be removed or loosened to allow freedom of access.

Depending on how you intend to cut, clean the cut zones free of rust and down to bare metal.

Hold the Rust Buster part up to the frame and take note and mark its size. Measure 1.5" from the top of the frame rail and draw a parallel line. The space above the line will be retained and used for welding.





5) TEST FIT PART

Attempt to push the part into place and over the frame rails. Take note of any difficulties and cut away any obstructions.



The part may fit snugly and require force.

NOTE: If other frame repair components have been installed previously, additional modifications to the frame may be required.

4) CUT

Begin cutting away and removing the section while following the lines.



You will need to cut a small gap at the back of the body mount bracket and engine mount bracket to slide your new leaf spring mount section behind the brackets for welding.



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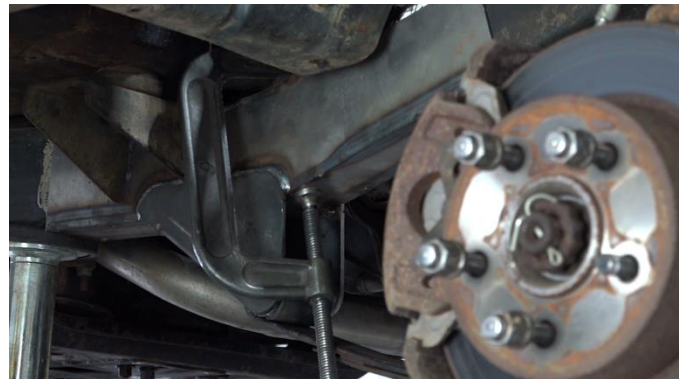
Install a new leaf spring bushing according to the manufacturer's instructions.



C-clamp or tack weld the part into place to prevent it from moving later.

6) WELDING PREP

Once the part has been fitted, prepare your weld zones by clearing away any rust or debris, revealing bare metal.



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

Before welding put leaf spring into new leaf spring mount to ensure correct placement.

7) WELD

Remove any remaining potential fire hazards on both the vehicle and surrounding area. Following proper welding procedures begin welding the part onto the frame rail.



100% weld around all edges.



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8) PAINT AND PROTECT

If you chose not to protect your support in (Step 6), coat the part and work area with a primer or other rust inhibitor to help prevent or reduce the risk of rust formation.



9) REASSEMBLE VEHICLE

Reinstall your gas tank, cords, and tubes.

Reinstall leaf spring.

Reinstall your wheel and tire.

Reconnect your battery.