



**RUST  
BUSTER**  
FRAME REPAIR

**RB1003R**

**Jeep® CJ**

**Rear Leaf Spring Mount Section - Right**



**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

Rear Leaf Spring Mount  
Bushing (REQUIRED)

**KIT CONTAINS**

Rear Leaf Spring Mount Section  
M14x100mm Hex Bolt  
M14 Nyloc Nut

**QTY**

1  
1  
1

**DISCLAIMER:** The below images feature the YJ Rear Spring Mount Section. Please note the installation methods are similar between the CJ and YJ Wranglers.



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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 rear wheels and set them out of the way.

Support your rear 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 as a fire hazard during installation.



Remove the spring mount bolt and push the leaf spring down and out of the way.



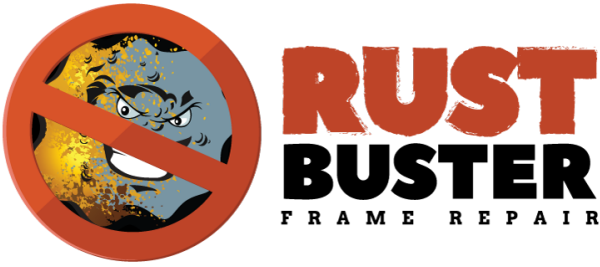
Remove the old bushing material and casing from the leaf spring. We recommend using an air hammer or hammer and chisel as it may be rusted and fused, making it difficult to remove.



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.



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## **Rear Leaf Spring Mount Section - Right**

Hold the Rust Buster part up to the frame and take note and mark its size. Measure 1.5" to 2" from the top of the frame rail and draw a parallel line. The space above the line will be retained and used for welding.



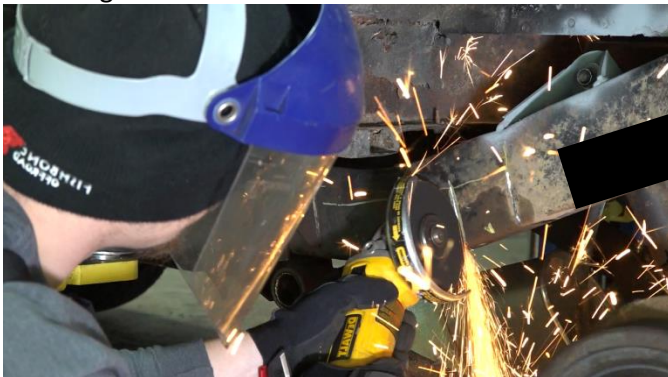
**NOTE:** If other frame repair components have been installed previously, additional modifications to the frame may be required.



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

### **4) CUT**

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



Once you've cut the body mount bracket free, remove the body mount bushing as it will be used during the replacement install.

### **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.

### **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. Ensure the frame rail is flush and the body mount bushing hole is aligned with the body.



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Replace the part. Reassemble the leaf spring with the included bolt. This will ensure the proper location of, and tension is applied to, the new part.



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

**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.

**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.



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**9) REASSEMBLE VEHICLE**

Reinstall your gas tank, cords, and tubes.

Reinstall your wheels.

Reconnect your battery.