RB2005R

Jeep® YJ Wrangler
Rear Leaf Spring Mount Section - Passenger

VIDEO AVAILABLE

REQUIRED TOOLS	KIT CONTAINS	QTY
Jack Stands or Lift	Rear Leaf Spring Mount Section -Passenger Side	1
Air Hammer		
Mig Welder	M14x100mm Hex Bolt	1
Paint/Primer	M14 Nyloc Nut	1
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)		

RB2005R

Jeep® YJ Wrangler
Rear Leaf Spring Mount Section - Passenger

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.**

3) PREPARING FOR YOUR INSTALL

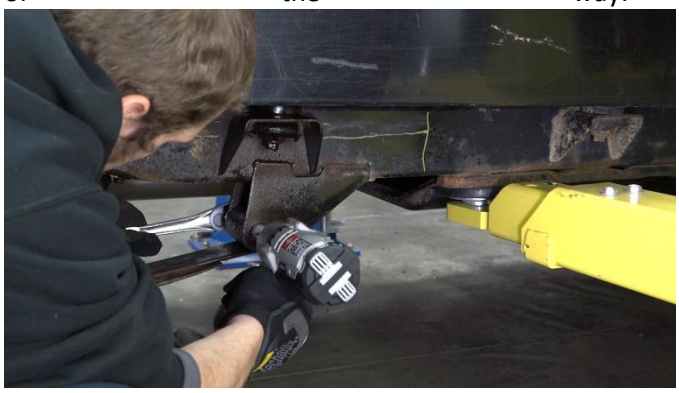
Lift your vehicle.

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.

Using a 21mm and 7/8'' socket, remove the spring mount bolt and push the leaf spring down and out of the way.



Using a 16mm socket, remove the body mount bolt from the bushing.

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.

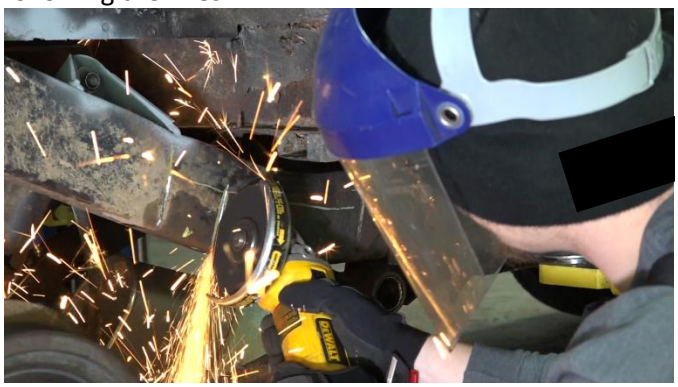
Depending on the exhaust routing, it may need to be removed or loosened to allow freedom of access.

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” 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.

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.

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.

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.

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.

Replace the part and the body mount bushing. Reassemble the leaf spring with the included bolt, and resecure the body mount 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.

9) REASSEMBLE VEHICLE

Reinstall your gas tank, cords, and tubes.

Reinstall your wheels.

Reconnect your battery.