





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 C-Clamps

KIT CONTAINS

QTY **Leaf Spring Frame Section** 1 M10x1.5mm Flanged Hex Screw 4 M10x1.5mm Flanged Locknut 4



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 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

Remove your vehicle's bed.



Hold the part up to the frame and take note of its coverage. Mark out your cleaning and grinding area.

4) **CUT**

Begin removing the rivets retaining the leaf spring hanger, and push it out of the way. Begin cutting away the bump stop and body mount bracket. Note: We sell the body mount bracket separately. If you do not wish to replace the factory mount, our part features a perforated plate that allows the section to go around the mount.





Grind away any remaining rust and debris revealing bare metal. Coat the part and work area with a weld-through primer to help prevent against further rust development.







Push the part onto the frame while using the frame holes to help with alignment.



5) WELD

Remove any potential fire hazards from the work area. C-Clamp and Tac weld the part to the frame. Following proper welding procedures, begin welding the part. 100% weld around all edges.



Reattach your leaf spring hanger and body mount bracket. The original holes that the leaf spring rivets came out of are going to be higher than the parts holes. This is because of the added material to the outside and bottom of the frame. You must take a die grinder or drill bit to the frame holes to match the holes on the part.