



**RUST
BUSTER**
FRAME REPAIR

RB2014L

**Jeep® YJ Wrangler
Center Section W/ Skid Plate Mounts**



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

Center Section W/ Skid Plate Mounts
1/2-13 x 1.5 hex bolt
1/2" Flat Washer

QTY

1
3
3



**RUST
BUSTER**
FRAME REPAIR

RB2014L

**Jeep® YJ Wrangler
Center Section W/ Skid Plate Mounts**

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.**



**RUST
BUSTER**
FRAME REPAIR

RB2014L

Jeep® YJ Wrangler Center Section W/ Skid Plate Mounts

3) PREPARING FOR YOUR INSTALL

Lift your vehicle.

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.

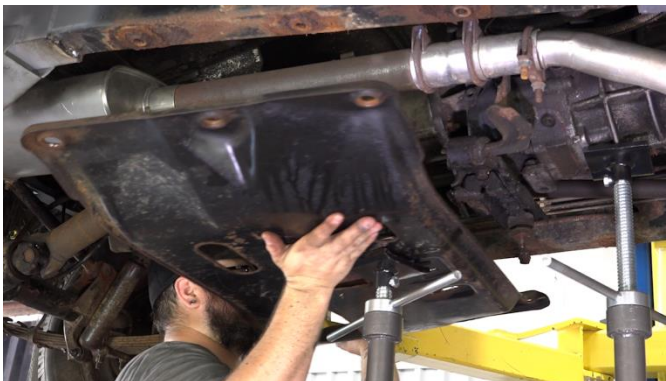
Remove any factory or aftermarket steps or guards.

Remove the two nuts holding the skid plate to the transmission mount using 15mm socket.

Remove the nut holding the skid plate to the stabilizer stud using a 14mm socket.



Support your skid plate with a jack or jack stand. Remove the six transfer case skid plate bolts using a 19mm socket.



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

Mark down 1.5 inches from the top of the frame rail, on the inside and outside. You will do this for the length of the center section piece minus 1 inch from each side.



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





RUST BUSTER

FRAME REPAIR

RB2014L

Jeep® YJ Wrangler Center Section W/ Skid Plate Mounts

4) CUT

Begin cutting away the frame rail along the drawn line.



Grind all cut edges smooth for easier fitment.



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.

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 C-clamp and tack weld it into place to prevent it from moving later.





**RUST
BUSTER**
FRAME REPAIR

RB2014L

**Jeep® YJ Wrangler
Center Section W/ Skid Plate Mounts**

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 rails.



100% weld around all edges.



8) PAINT AND PROTECT

If you chose not to protect your part 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 skid plate.

Reinstall any steps or guards.

Reinstall your gas tank, cords, and tubes.

Reconnect your battery.