







### **REQUIRED TOOLS**

Jack Stands or Lift Mig Welder Paint/Primer Hand Grinder Cutting Wheel or Torch Welding Gloves Welding Hood/Shield Ear & Eye Protection **Fire Extinguisher** Paint Marker

KH	CONTAINS	

KIT CONTAINS	QTY
Tube Style Rear Frame Crossmember	1
Support Plates	8



#### **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.



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 up your vehicle. Remove any lines or power harnesses from the work area.

#### 4) **CUT**

Relieve the welds on each end of the factory tube style rear frame crossmember, making sure to go around the brackets holding the crossmember in place.



Relieve the welds between the spare tire plate and the crossmember.



You can cut the crossmember into three pieces to make it easier to remove.





Grind the frame free of rust and debris, revealing bare metal.









Spray the work area with a weldable primer to help prevent against rust development.

### 5) WELD

Slide your tube style rear frame crossmember into place, one side at a time.



Following proper welding procedures, tac weld the crossmember to the spare tire plate before welding it on fully.



Our part features eight support plates to fit on the top and bottom of your inner brackets located on each end of your crossmember. Hold the plates up to the frame and tac them into place.





Once in place, finish welding around the support plates followed by welding your crossmember into place. Weld 100% around all edges.





### 6) PAINT

Paint the part with primer or other rust inhibitor to help prevent or reduce the risk of rust formation.

We recommend our Rust Buster Rust Converter & Primer Spray Paint (RB9917).



