



1967 NC 69, Hayesville NC 28904. (704) 796-3502

INSTALLATION INSTRUCTIONS –ZJ High Clearance radiator support.

HEY! READ THESE INSTRUCTIONS! FULLY! THIS INSTALL IS PRECISE!

It is strongly advised that a professional mechanic install these and all suspension and lift parts. It is the sole responsibility of the installer to know how to set the vehicle to all proper specifications, as improper installation will void your warranty. IronMan Fabrication and 4X4 is not responsible for improper installation, lack of maintenance, abuse, and all other negligent acts leading to the failure of any components based on the improper installation of this product.

NOTE: This product is designed to provide as much ground clearance for your radiator as possible. Sheet metal cutting is required. Be patient with the install as it is quite precise to ensure the radiator cannot move in its location. Always start all bolts a few threads and then tighten all hardware at the same time. **DO not just install and tighten one bolt and then throw a millennial tide pod eating skinny jean wearing bad Pinterest tattoo temper tantrum when none of the other bolts won't line up!!!!**

Tools Needed:

Socket Set.

Reciprocating saw or angle grinder with cut off wheel.

Gear wrench style wrenches.

Mechanical Savvy.

- 1. This install can be done on the ground or on a lift. Make sure the vehicle is secure for mechanical adjustment based on factory manual requirements.**
- 2. Raise the hood of vehicle and loosen but do not remove upper radiator support bolts so that the radiator has room to float during install.**
- 3. Unbolt and remove the OE radiator support. Retain hardware, This will be re used. Retain factory rubber grommets on bottom of radiator studs. These will be re used.**

4. Unbolt fender supports if still in place. These will no longer be used. We are designing a replacement to fit into these if you cannot live without them contact Andy for this.
5. Hold the new support up into place and mark the contact points on the front cross member. Using a reciprocating saw or cut off wheel cut 2 slots approx. 3/8" wide and 1 1/4" long. Refer to photos below



6. If you have off road bumper bolts inside the frame use them for the 3 7/16 bolts per side or re use the bolts from your bumper to bolt to.
7. Note: If you do not have any accessories such as a bumper then you will notice your support is 1/4" per side too wide. Use the included spacers and hardware to bolt support into place. Start all threads and fish nuts in from the back if needed. Only tighten when all bolts are installed and lined up.
8. Using a gear wrench to hold the OE radiator support bolts in place, reach into the channel in the wrench and install both lower support bolts in place.
9. Now that all bolts are threaded and in place re tighten all hardware.
10. Tighten upper radiator support in engine bay back into place.

Anti Rock Install Suggestions.

1. If you have a low lift you will need to test fit and trim inner fender supports to clear the arms. Refer to picture below.



2. You may want to clearance the front cross member support to clear hardware as well.
3. Make sure to use the Ironman4x4fab.com delrin bushings for the sway bar for a tighter, longer lasting fit.
4. remainder of install will be based on builder need and preference.