

Rugged Ridge – XHD High Clearance Bumper Ends Installation

Part # 11540.24

Installation Difficulty: Easy

Installation Duration: 30 Minutes

Tools Needed:

- 18mm and ¾" sockets and/or wrenches

BEFORE



Part One: Remove Front Bumper

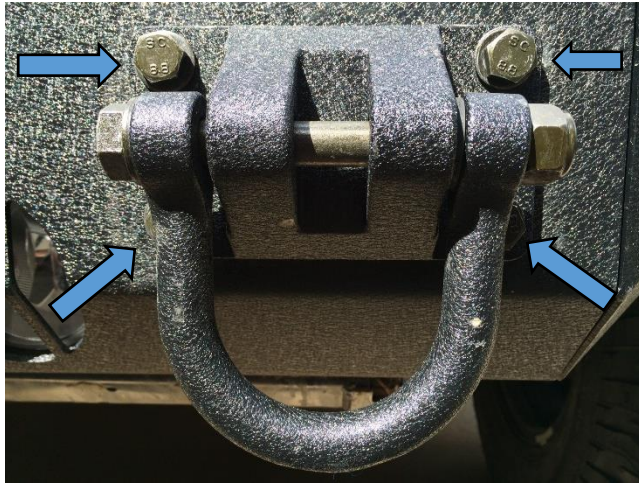
Step One: Unclip Fog Light Wiring Harnesses

Unclip the fog lights from the bumper by squeezing the plastic clip and pulling out. Your Jeep may have the full length harness clipped, or zip tied to the bumper. Release these clips/zip ties to free the full length harness.



Step Two: Remove Bolts

Remove the 4 bolts out of each D-Ring assembly with an 18mm socket, and place the D-Ring assemblies aside. These 8 bolts hold the bumper to the Jeep. Once the bolts are removed, the bumper simply slides toward you, and off.



Part Two: Remove Flat Bumper Ends

Remove the 3 nuts holding the flat bumper ends, to the bumper on each side. The nuts are removed using a $\frac{3}{4}$ socket.



Part Three: Install High Clearance Bumper Ends

Slide the high clearance bumper end bolts through the 3 holes in the bumper. Secure with the newly supplied washer and nut. Tighten using the same ¾" socket.



Part Four: Reinstall Bumper onto Jeep

Step One: Reinstall Bolts

With the new bumper ends mounted onto the bumper, simply slide the bumper back onto the Jeep. Insert the same bolts and washers back through the D-Ring assembly, through the bumper, and into the Jeep steel sub-assembly. Tighten the bolts and nuts behind the assembly using an 18mm socket.

Step Two: Plug In Fog Lights and Secure Wiring Harness

With the bumper now securely mounted on the Jeep, remember to plug in the fog lights. Additionally, secure the full length wiring harness to the bumper or steel assembly in the same locations using zip ties.

AFTER

