

JK FRONT BUMPER INSTALLATION INSTRUCTIONS

TOOLS NEEDED

- 18mm socket or wrench
- 7/16" socket
- 10mm wrench or socket
- 11/16" socket or wrench
- 5/8" socket or wrench
- 3/16" Allen head socket
- 9/16 wrench
- Philips screwdriver
- Flat head screwdriver

OPTIONAL TOOLS

- Wire cutters/ strippers
- Wire crimpers
- Heat gun
- Sawzall, or die grinder
- 1/4" Drill bit

HARDWARE

- 7/16" Flange nuts (8)
- 3/8" hex bolt
- 3/8" washer
- 1/4" Flange nuts (8) - Crusader and Vanguard only
- Fog light extension kit (1) - Crusader and Vanguard only
- Vacuum pump relocation Kit (1) 2012+ JK's Only
 - 3/8" - 16 x 3-1/4" Zinc Finish Hex Cap Screw (1)
 - 3/8" - 16 Zinc Finish Nylon Insert Lock Nut (1)
 - 5/16" Zinc Finish USS Flat Washer (2)
 - M6-1.0 x 30mm Zinc Finish Hex Cap Screw (2)
 - M6-1.0 Zinc Plated Nylon Insert Lock Nut (2)
 - M6 Zinc Flat Washer (4)

**Please read the mounting instructions below
carefully before attempting to install.**

Thank you for purchasing your new front bumper from JcR Offroad! Checkout our website, www.jcroffroad.com for more deals and other great off-road products. Be sure to rate and review our product online. If you have any questions or are missing parts, please don't hesitate to call us at 269-353-1184!

It is always best to trial install before painting/finishing to ensure proper fit. If using a bed liner type product, you may need to use a drill or file to open holes or openings to the proper size. Be sure to keep any and all paint or bed liner products away from all threads. If you are working on a 2012 or newer JK you will need to relocate the vacuum pump which requires cutting of the stock mount to accommodate the relocation bracket. If you plan on using a WARN Zeon, Powerplant, or any other large winch, additional cutting on the frame horns will be required to accommodate them.

1 Using a flat head screwdriver, remove the (4) push pins then remove the lower plastic valance.



2 With the valance removed, use an 18mm socket, and remove the (8) nuts holding the bumper to the front of the frame. Be careful when removing the bumper as the factory fog lights will be re-used if you purchased a Crusader, or Vanguard bumper. Once that is done, remove the last two push pins on the upper filler panel and remove.



- 3** **OPTIONAL | Crusader and Vanguard bumper ONLY** - With the bumper removed, use a philips screw driver and remove both of the factory fog lights. Now, using a 1/4" drill bit, enlarge the mounting holes on the factory fog lights. Place the fog light inside your Crusade or Vanguard bumper, and tighten the 1/4" flange nuts down using a 7/16" socket.



- 4** **OPTIONAL - 2012+ JK's** - If you are installing a Vanguard, Crusader or Mauler on a 2012+ JK, you will need to relocate the vacuum pump. If installing a Dagger or Defender bumper, you can skip these steps.

There is also an installation video for this bracket on this bumpers product page.

- A** Remove the vacuum pump using a 10mm wrench and rotate the pump 90 counter clockwise.



- B** Orientate the new bracket as shown. You will be sandwiching this new bracket between the rear bolt hole (or stud) on the factory mount, and one of the pump ears. Loosly install the provided bolt into the factory bracket, or the original nut on the stud.



C Install the provided hardware in the outside ear of the pump (toward center of Jeep) and bracket loosely. Then install the provided hardware through the frame (On some 2015 JKs, a hole might need to be drilled on the outside of the frame). Once all hardware is installed, tighten everything.



5 **OPTIONAL – Warn Zeon, Warn Powerplant, or Other Large Winch** – If you’re planning on running a large winch such as the Warn Zeon, or Warn Powerplant, some slight modification to the frame horns will be necessary to allow the winch to sit between the frame. On the driver side, measure 1 & 1/4" in x 1/4" down and mark the area you will cut out. On the passenger side, measure in 1" x 1/4". Mark the frame, then cut. It is always best to clean up any sharp edges and apply some paint to the areas you just cut out.



PASSENGER SIDE



DRIVER SIDE

6 On the passenger side, drop in the provided nutsert tab. At this time remove the (8) flange nuts on the back of the bumper.



7 Now, slide the JcrOffroad Bumper onto the Jeep. It is best to use two people when installing the bumper. Using the 3/8" bolt from the netsert tab, loosely install the side frame mounting bolt. Next, install the flange nuts back onto the bumper and tighten them down. Once the flange nuts are tight, tighten down the 3/8" bolt on the side of the frame.



8 With the bumper tightened down, install your winch at this time.

- 9** With your winch bolted down, loosely install the front fairlead bracket. Make sure the offset plate matches the offset of the winch. Now, bolt on your fairlead and tighten everything up using a 3/16" allen head, and 9/16" wrench.



- 10** **OPTIONAL** - At this time, If you are installing a front lower skid with either our Vanguard, Crusader, or Mauler bumpers, please continue on with the install process, and proceed to either our website for instructions, or print out the instructions you need for your reference.

- 11** Now it's time to head out with your newly installed bumper and enjoy the trails