



Jeep JK Rear Dagger Series Bumper Installation Instructions

Thank you for purchasing your bumper from JcrOffroad! Checkout www.jcroffroad.com for more deals and other great off road products. Please read the mounting instructions below carefully before attempting to install.

If you have any questions or are missing parts, please don't hesitate to call us at 269-353-1184!

Tools Needed

- 7/16" wrench or socket
- 11/16" wrench or socket
- 15/16" wrench or socket
- 17mm wrench or socket
- 1/2" drill bit
- Drill
- Sawzall, Torch, Grinder or Plasma Cutter

Hardware

- 7/16" x 1 3/4" bolts (4)
- 7/16" SAE washers (2)
- 7/16" lock washers (2)
- 10mm 1.5 x 30 (4)
- 3/8" USS washers (4)
- 5/8" x 1 1/2" (2)
- 9/16" USS wash (2)

Frame Prep

1. In order to mount the Dagger rear bumper, you must cut off the rear section of the frame. You will need to remove the entire cross section and trim back the frame horns.





2. Once you have cut down vertically through the frame, you will want to cut the body mounts from the crossmember.



2. The body mounts should be the last part holding the crossmember to the frame. Once they are cut, you should be able to remove the back section and discard.

3. With the rear section removed, take a grinder and clean up the edges of the frame horns as well as the body mounts.



3. Apply primer and paint to the exposed cut areas and allow to dry.

Install

*It is always best to trial install before painting/finishing to ensure proper fit. If installing tire carrier, take special care in keeping paint away from bearing surfaces and bearing cap threads. If using a bed liner type product, do not coat middle support, as the fit between support and spare tire mount is tight.

1. Two lower frame holes will need to be drilled on the passenger side of the frame. Measuring from the back of the sway bar mount, mark the frame at $8 \frac{3}{8}$ " and 11". Then mark the frame $1 \frac{1}{4}$ " in from the outside of the frame.



2. Before drilling, using a ratchet strap or another kind of strap to pull the muffler to driverside to allow room for drilling.



3. Drill the holes marked out to 1/2".



4. Once the holes have been drilled, be sure to apply paint to the exposed metal.

5. Take the provided inner frame nut inserts into the frame rails. There is one for each side. These will be used to bolt the bumper on in the coming steps.



6. If installing the optional Fog Lights, bolt the lights into the brackets welded into the top back side of the bumper. Use the hardware provided with the fog light kit.



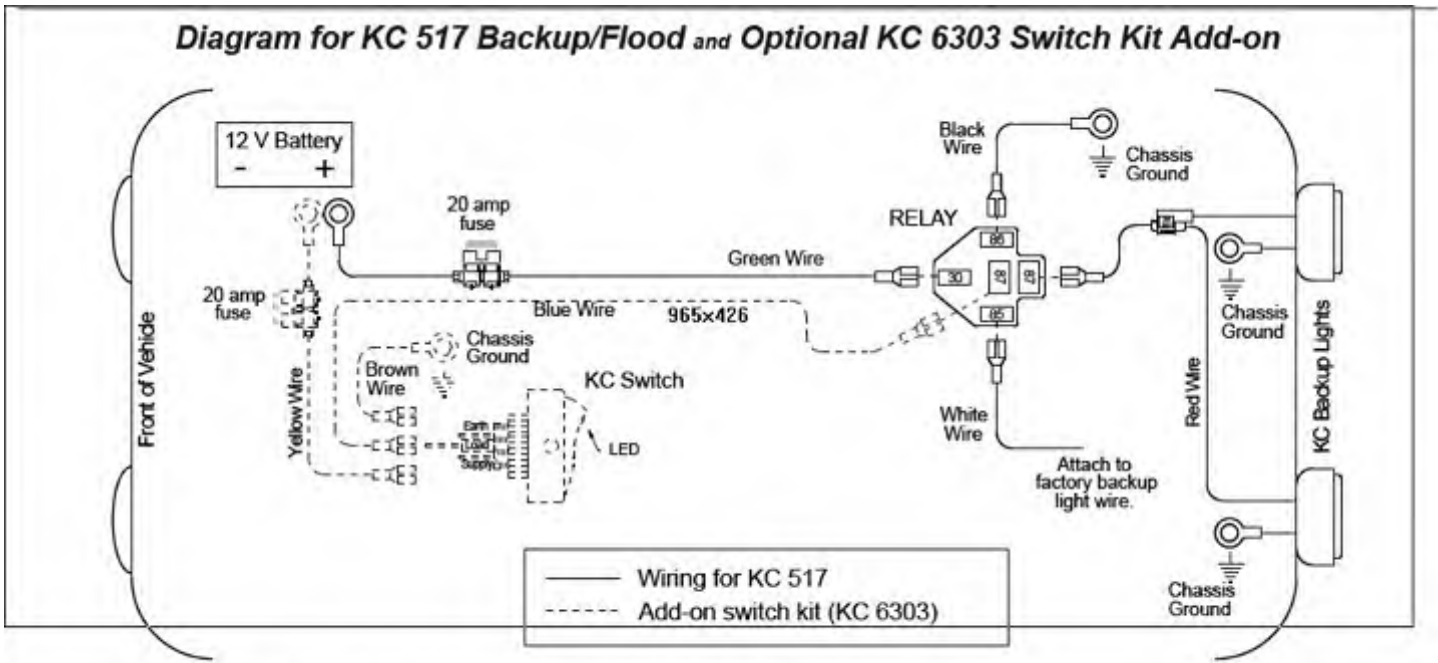
7. Now is time to bolt the bumper up into place. You may need to get creative with a floor jack to manage it into place if you are installing by yourself. Ideally, a second person would help hold the bumper into place.



8. Loosely install the side metric bolts first. With the bumper held in place, install the 7/16" bolts into the bottom of the frame. Do not tighten! With the bolts in the bottom plate, you can wiggle the inside nut insert (installed in step 5) to align the side 5/8" bolt
9. Once all 5 bolts are in on each side, you may begin to tighten all the bolts.



10. Below is a wiring diagram that can be used for powering the back-up lights.



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11. If you are installing a tire carrier bumper, please move onto the “Upper Installation Instructions”.

