



JK PRO SERIES FRONT BUMPERS WITH RECESSED WINCH MOUNT

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Thank you for purchasing this ICON Vehicle Dynamics product. Please read through this entire document before proceeding with installation. If you are not confident in your mechanical skills, please seek the help of a professional to perform the installation. Check your packages immediately upon arrival to ensure that everything listed is included, and to check for damage during shipping. If anything is missing or damaged, or if you need technical assistance with any aspect of this installation, call (951) 689-ICON as soon as possible.



APPLICATION

These installation instructions apply to the following products:

- 25215 07-18 JK PS FRONT BUMPER REC WINCH MNT W/ BAR & TABS (Shown Above)
- 25242 07-18 JK PS FRONT BUMPER REC WINCH MNT W/STINGER & TABS

COMPONENTS INCLUDED

- (1) PRO Series Front Bumper with Recessed Winch Mount

HARDWARE INCLUDED

- (8) 1/2-13 Gr8 Nylon Insert Lock Nut
- (8) 1/2 Gr8 Flat Washer

TECH NOTES

NOTE: These installation instructions are based on a clean installation on to a stock 2007-2018 Jeep JK Wrangler. Previously modified vehicles may require additional steps.

2012-19 Jeep Wrangler JK's will require vacuum pump relocation prior to installation of this bumper.

TOOLS REQUIRED

- Ratchet with 6" socket extension, 19mm deep socket and 3/4" deep socket; torque wrench
- 10mm wrench
- 7/32" hex key
- Dead blow hammer or rubber mallet
- Phillips & flat head screwdrivers
- For ZEON Winches: Marker, cut-off wheel, grinder or file, touch-up paint

IMPORTANT NOTICES - PLEASE READ FIRST

- ✓ **READ ALL INSTRUCTIONS THOROUGHLY FROM START TO FINISH BEFORE BEGINNING INSTALLATION! IF THESE INSTRUCTIONS ARE NOT PROPERLY FOLLOWED SEVERE FRAME, SUSPENSION AND TIRE DAMAGE MAY RESULT TO THE VEHICLE!**
- ✓ **ICON VEHICLE DYNAMICS RECOMMENDS ALL INSTALLATION TO BE PERFORMED BY A PROFESSIONAL SHOP/SERVICE TECHNICIAN. PRODUCT FAILURE CAUSED BY IMPROPER INSTALLATION WILL NOT BE COVERED UNDER ICON'S WARRANTY POLICY.**

INSTALLATION INSTRUCTIONS

1. Ensure the vehicle is placed on a flat level surface with the transmission in PARK, the tires chocked, and the emergency brake ON. Wear safety glasses from this point forward.
2. Open the hood and use a 10mm wrench to disconnect the negative battery terminal. Wrap the terminal in a shop towel or glove so that it doesn't inadvertently come into contact with the battery terminal or any other ground source.
3. Remove the plastic lower air dam. Use a push-in retainer removal tool to pop out the plastic push-in retainers along the front edge and also underneath/behind the air dam where it attaches to the crash bar. If you do not have a push-in retainer tool, a flat-edge screwdriver or small pry-bar may be used.
4. If your Jeep is equipped with factory fog lamps, disconnect them from the vehicle wiring



harness. The pigtail harness on each lamp may be disconnected from the vehicle wiring harness by reaching behind the bumper. A small flat head screwdriver may be useful to release the tangs on the plug.

5. Remove any remaining accessories from the front bumper such as winch or other lights.
6. Remove the eight (8) nuts that fasten the bumper to the frame using a 19mm socket with 6" extension and ratchet. There are two of these nuts on the inner side, and two on the outer side, of each frame rail where it joins the bumper.
7. With the help of a friend, carefully slide the bumper off of the frame rails and set it on the ground. Remove the plastic top bumper cover. You may be able to remove the two plastic screws with a Phillips screwdriver. But it is likely they're "frozen" in place and will have to be pried up with the push-in retainer removal tool.



FIG.5

8. On JK's equipped with a vacuum pump, located on the inboard side of the driver's side frame rail, below and forward of the grill, the pump will have to be lowered for clearance of the bumper.



FIG.5

Use a 10mm wrench to remove the two bolts attaching the vacuum pump to the frame bracket

(do not disconnect any of the wires or hoses from the pump). Slide the pump away from the bracket and re-position it so that the pump's mounting ears are below the frame bracket, and re-install the two bolts from the bottom.



FIG.5

Use a hack saw, die grinder or cutoff wheel to remove the excess threads from the forward-most of the two mounting bolts.



FIG.5

9. If mounting the bumper with a Warn Zeon winch, trim the top-inside corner of the bumper mounting flanges on each frame rail. Begin by marking your cut as indicated by the white line in the image below, leaving about 3/16 to 1/4 of an inch of material around the edge of the bolt hole.

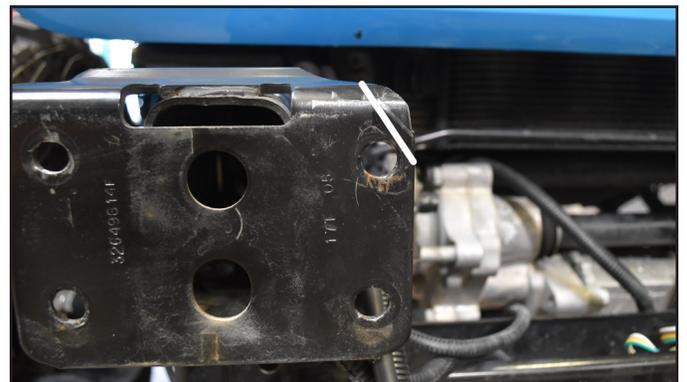


FIG.5



Use a die grinder or cutoff wheel to cut the corner of the bumper mounting flange.

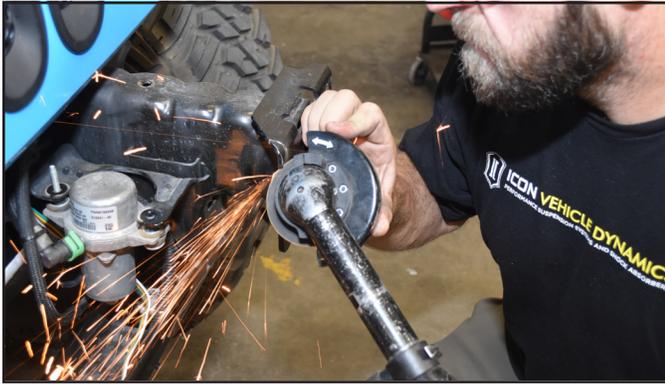


FIG.5

Use a file, sander or grinder to de-burr the edges of your cuts.



FIG.5

Use a paint pen or touch-up paint with a brush to coat the bare metal at the edges of the cuts, to prevent rust.



FIG.5

- 10. Use a soft dead blow hammer to tap the pre-installed mounting bolts on the inside of the ICON bumper, to break the retaining washers loose in case they have been painted into place by the powder coating process. The bolts will need to be

able to “float” slightly to reduce frustration when installing the bumper.



FIG.5

- 11. Install a winch fairlead on to the bumper. Begin by checking your fairlead’s mounting bolts against the fairlead mounting holes in the ICON bumper. Some fairleads come with larger mounting bolts, in which case the holes in the bumper will need to be drilled to the larger size. If you do this, make sure to use touch-up paint on the exposed metal of the drilled holes.



FIG.5

Bolt the winch fairlead into place, using the hardware and procedures recommended by the fairlead manufacturer.



FIG.5



- 12. Install the winch on to the ICON bumper, using the hardware and procedures recommended by the winch manufacturer.



FIG.5



FIG.5

- 13. If you wish to re-use your Jeep's factory fog lamps, Use a Phillips screwdriver to remove the four (4) retaining screws from each lamp, on the back side of the stock bumper, and remove the lamps. Install them into the fog lamp mounts in the back side of the bumper. Re-use the OE retaining screws. These sheetmetal screws will form their own threads as you drive them into the holes in the retaining rings on the bumper, so press firmly as you twist the screwdriver.
- 14. With the help of a friend, lift the Bumper into place so that it is sitting on the frame mounts.



FIG.5

Before seating the bumper all the way into place, route the winch power cables under and behind the grille, and to wherever you will be making those connections. This will be easier to do before the Winch is seated into its final mounting location.

- 15. Finish seating the bumper into place. There are eight (8) pre-installed bolts located on the inside of the bumper, which will correspond with the bumper mounting holes on the frame. It may be a tight fit due to slight manufacturing variances from Jeep to Jeep, but the bumper will fit with some gentle persuasion. You may need to use a rubber mallet or soft dead-blow hammer to tap the bumper into place. Be careful not to mar the powdercoat finish.
- 16. Once the bumper is in its final mounting position, install the supplied 1/2-13 nylon insert lock nuts and 1/2" flat washers onto each of the eight bumper mounting bolts at the outside and inside of the frame rail on either side of the Jeep. Snug these with the 3/4" deep socket, extension and ratchet. Torque these nuts to 70 ft.-lbs.



FIG.5

- 17. Complete any electrical connections for winch, fog lights and auxiliary lights according to their manufacturer's recommendations.
- 18. Re-connect the negative battery cable and use the 10mm wrench to tighten the terminal.
- 19. VERIFY ALL FASTENERS ARE PROPERLY TORQUED BEFORE DRIVING VEHICLE.

Congratulations! Your installation is complete.



RETORQUE ALL NUTS, BOLTS AND LUGS AFTER 100 MILES AND PERIODICALLY THEREAFTER.

LIMITED LIFETIME WARRANTY

ICON Vehicle Dynamics warrants to the original retail purchaser who owns the vehicle on which the product was originally installed. ICON Vehicle Dynamics does not warrant the product for finish, alterations, modifications and/or installation contrary to ICON Vehicle Dynamics instructions. ICON Vehicle Dynamics products are not designed, nor are they intended to be installed on vehicles used in race applications, for racing purposes or for similar activities. (A "race" is defined as any contest between two or more vehicles, or a contest of one or more vehicles against the clock, whether or not such contest is for a prize). This warranty does not include coverage for police or taxi vehicles, race vehicles, or vehicles used for government or commercial purposes. Also excluded from this warranty are sales outside of the United States of America and Canada.

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