



**ROCK HARD 4X4 JEEP WRANGLER JL 2/4-DOOR
2018 - CURRENT FRONT BUMPER (ALL)**

PART #: 902XX

Installation Manual



Thank you for your purchase! Please read all instructions carefully prior to beginning installation of your Rock Hard 4x4 product.

PACKING LIST:

- 1 - FRONT BUMPER**
- 8 - 1/2" X 3" BUTTON HEAD BOLTS**
- 8 - 1" X 1 3/8" SPACERS**
- 8 - 1/2" WASHERS**
- 8 - NYLOCK NUTS**
- 8 - 10 X 3/4" SELF DRILLING SCREWS**
- 1 - 1/2" THIN NUT BOLT FOR ZEON INSTALL**
- 1 - 1/2" X 2-3/4" BUTTON HEAD BOLT FOR ZEON INSTALL**
- 2 - 2" X 2" PLASTIC PLUGS**
- 1 - JL HALOGEN LED FOG KIT (IF APPLICABLE)**

ALUMINUM FRONT BUMPER ONLY:

- 2 - LONG RECTANGULAR PLATES (HOLES EACH END)**

REQUIRED TOOLS:

- WIRE OR ZIP TIE SNIPS**
- 3/4" SOCKET AND WRENCH**
- 3" SOCKET WRENCH EXTENSION**
- 13MM SOCKET**
- 16MM SOCKET**
- 5/16" OR 8MM ALLEN WRENCH**
- 5/16" OR 8MM SOCKET**

Thank you for your purchase! Please read all instructions carefully prior to beginning installation of your Rock Hard 4x4 product.

Thank you for your purchase! Whether you bought this Rock Hard 4x4 product from one of our fantastic dealers or our factory direct team, we thank you for your business.

Rock Hard 4x4 is a family owned and operated business. We are headquartered in Saint Paul, Nebraska where we design, fabricate, and produce every single one of our products. Every single part we manufacture is 100% Made in the USA and exclusively in house by the Rock Hard 4x4 team.

We outsource zero processes.

To you, that means the product you are installing is the highest quality and longest lasting component on the market.

To us, that means you've selected a part we've spent years developing. Each Rock Hard 4x4 part has gone through more research and development and evolution than most people realize. While our parts may have the same striking look year after year, subtle revisions and refinements we implement maintain their status as the most durable and easy to install on the market.

We invite you to send us your feedback! Please email, call, write, or catch us on an off road trail near you to share your tales, share comments, and ask questions.

REMOVING FACTORY FRONT BUMPER

1. Remove upper valence by unscrewing two plastic body plugs. Sometimes it's easier to simply drill them out. Discard – will not be reused. There may be 6 additional if plastic bumper.
2. Unplug front bumper harness, located along passenger side frame rail.
3. If equipped: use 13MM socket to remove front bumper lower skid plate bolts.
4. Use a 18MM socket and 3" extension to remove 8 nuts on back of front bumper. 4 per frame cap.
5. If equipped: use 16MM socket to remove skid plate mounting bracket (stamped plate between crash bar mounts).
6. Unclip/Unbolt factory fog lights from housings.
7. If reusing factory fog lights, use Phillips screwdriver to unscrew 4 screws per light housing (if equipped).
8. Remove front bumper from vehicle.

Thank you for your purchase! Please read all instructions carefully prior to beginning installation of your Rock Hard 4x4 product.

INSTALLING ROCK HARD 4X4 FRONT BUMPER

1. Install OEM fog lights into front bumper (if applicable) using 5/16" or 8MM and supplied zip screws. 4 per light into Rock Hard 4x4 front bumper fog light housing. If LED, no modification needed. If Halogen, use supplied Halogen fog kit.



2. Slide new Rock Hard 4x4 front bumper onto frame. Leave approximately 2" between end of frame caps and inside of front bumper.
3. Use eight 1" x 1 3/8" long spacers between front end of frame and new bumper.
PRO TIP: All winches, except for some imports, will use long spacers between Jeep frame and nut. Some import winches have wires that come directly out of back of winch and would normally hit grille. In this case, use short spacers plus long spacers to provide enough room to run wire between grille and bumper.

Thank you for your purchase! Please read all instructions carefully prior to beginning installation of your Rock Hard 4x4 product.

4. Install eight ½" x 3" button head bolts from front of bumper through spacers and into frame. Use a ¾" socket on back of nut, 5/16" or 8MM allen for bolt head.

PRO TIP: If installing Rock Hard 4x4 tow bar brackets, install at this time with supplied hardware in tow bar bracket kit. Tow bar bracket kits sold separately.

PRO TIP: If installing a Warn ZEON winch, use one ½" x 2 ¾" button head and one ½" thin nylock nut on top inner driver side frame mount for winch clearance.

5. Install eight ½" washers and eight nylock nuts on inside of bumper.
6. Reroute wiring harness to fog lights and reconnect fog lights to harness.

WINCH INSTALL TIPS:

- A. Install winch using supplied bolts and hardware.
- B. If installing a winch into a Rock Hard 4x4 aluminum front bumper, use supplied two long rectangular washers for bottom side of winch plate for added strength.

CONGRATULATIONS! Now go wheel your rig with a whole new level of confidence and capability.