



**ROCK HARD 4X4 JEEP WRANGLER JL AND GLADIATOR JT
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) COMPRISED OF 10M AND 2X Z-SHAPED MOUNTS**

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**

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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.

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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. If reusing OEM fog lights, remove fog light harness from front bumper housing.

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INSTALLING ROCK HARD 4X4 FRONT BUMPER

1. Install OEM fog lights into front bumper (if applicable) using included 10M self-tapping screws. If LED, no modification needed, swap driver and passenger side fogs to install.

HALOGEN FOG STEPS:

- Use 1x Z-shaped adapter and 2x 10M self-tapping screw per fog light.
- Install z-shaped adapter with tab oriented as shown below using 1x adapter per mount. Tab faces center of Jeep. You will use 2x center holes in bumper trim ring.



- Trim upper ear off plastic mount. Passenger side fog shown as example. Install fog light.



2. Slide new Rock Hard 4x4 front bumper onto frame. Leave approximately 2" between end of frame caps and inside of front bumper.

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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 8x 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 this may however cause winch to hit frame horns.

4. Install eight 1/2" x 3" button head bolts from front of bumper through spacers and into frame, washers and nuts. Use a 3/4" 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 1/2" x 2 3/4" button head and one 1/2" thin nylock nut on top inner driver side frame mount for winch clearance.

5. Install eight 1/2" washers and eight nylock nuts on backside of frame horns.
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.