

INSTALLATION GUIDE



SAFETY

THE SAFETY OF YOU AND OTHERS IS VERY IMPORTANT TO US!

In order to minimize this risk and make an informed decision about safety, it is important that you carefully read and follow the installation instructions we have provided.

We urge you to use your own good judgment and allow plenty of time for install.

HAZARD CHECKLIST

- Always wear personal protective equipment (PPE) such as: protective eye wear, gloves, close toed shoes, etc.
- We recommend that you use a certified mechanic or shop for professional installation.
- Always set emergency brakes on vehicle and use tire blocks to ensure vehicle stabilization.
- Use caution when lifting, we recommend the use of equipment to help lift bumpers into place.
- Use caution when using power tools such as air ratchet, etc.
- Take caution when installing wiring.
- Perform regular inspections of hardware, bolts, brackets, etc.
- Rigid light brackets are specifically designed to fit Rigid lights, we do not guarantee off brand fitment.
- Our winch mount is designed for Warn and Superwinch products. We do not guarantee off brand fitment.

USE & RISK

- **Bodyguard Products LLC is not responsible for damage to our products, or other subsequent damage that might occur, as a result of misuse or improper installation. While we do manufacture products that appear stronger than factory parts, our products should not be viewed or relied upon as life-saving devices in the event of a collision or rollover. We make no claims relating to airbag compatibility, crashworthiness, or sturdiness. It is the customer's responsibility to check with the vehicle manufacturer or auto dealer regarding airbag compatibility and automobile manufacturer's warranty before installing our products.** Use either foam or tape on fenders to prevent scratches to the truck when installing your bumper.
- Please allow approximately 3-4 hours for installation

PREPARATION

- Ensure personal safety by checking for hazards and identifying risks.
- Check for correct hardware.
- Check for tools needed.
- Use either foam or tape on fenders to prevent scratches to the truck when installing your bumper.
- Please allow approximately 3-4 hours for installation.
- Disconnect the battery.


- Please allow approximately 3-4 hours for installation.


HARDWARE KIT

18+ Jeep Universal Rear Mount Kit	Qty.
1/2"-13 x 1-1/2" Yellow Zinc Grade 8 Hex Bolt	1
1/2"-13 x 1-1/2" Zinc Tear Drop Bolt (Hex)	2
1/2" Washer, Grade 8 Zinc-Yellow	3
1/2"-13 Grade 8 Steel Serrated Flange Nut Zinc	3
1/4-20 x 5/8 Long, Stainless Steel SBHCS	32
1/4-20 Hex Grade 5 Serrated Flange Nut, Stainless Steel	18
1/4-20 (.093-.126: Panel Range) Zinc Electroplate Spring Steel Cage Nut	24
6MH8 3RXF AB-001 #10 - Sensor Bezel	2
6829 5601 AC #10 - Retainer Clip	2
6MH8 2RXF AB-001 #9 – Sensor Bezel	2
6829 5600 AC #9 – Retainer Clip	2
18+ A2 Jeep Rear End Plate Kit	Qty.
5/16"-18 x 1" Zinc Grade 5 Hex Bolt	8
5/16"-18 Zinc Grade 8 Serrated Hex Flange Nut	8
5/16" Zinc Grade 5 Flat Washer	8
18+ A2 Jeep Rear License Plate Mount Kit	Qty.
1/4-20 x 5/8 Long, Stainless Steel SBHCS	2
1/4-20 Hex Grade 5 Serrated Flange Nut, Stainless Steel	2
Small screw in license plate lights	2

1. STEP PAD INSTALL

Mount step pads BEFORE installing bumper

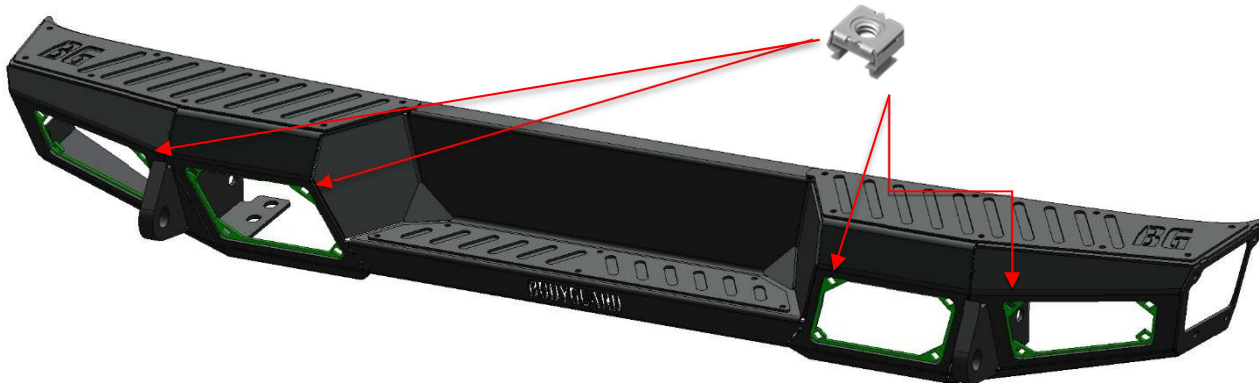
 (22x) 1/4-20 x 5/8 Long, Stainless Steel SBHCS

 (22x) 1/4-20 Hex Grade 5 Serrated Flange Nut, Stainless Steel



2. CAGE NUT INSTALL

Install supplied cage nuts everywhere that there is a square hole.
This will assist in installing all bolt on plates.



(16x) 1/4-20 (.093-.126: Panel Range)
Zinc Electroplate Spring Steel Cage Nut

3. SENSOR BEZELS AND PLATE INSTALL

The following step is only for vehicles with factory sensors, if equipped, use the supplied sensor bezels specified below. If you do not have sensors, you can install non-sensor plates.

FRONT – SENSOR BEZEL

6MH8- 3RXF AB-001 #9
and
6MH8- 3RXF AB-001 #10



BACK – RETAINER CLIP

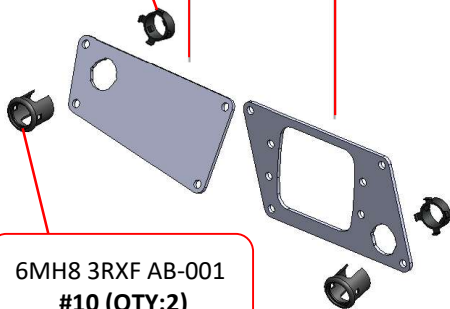
6829 5600 AC #9
And
6829 5600 AC #10

Number located in small print matches with front and back. Shown above in **bold text**

Install tip: it is much easier to install your preferred lighting before the bumper is installed. Install the flush mount lighting to the plates and then install the plates to the bumper after the bumper is installed and tightened on the vehicle.

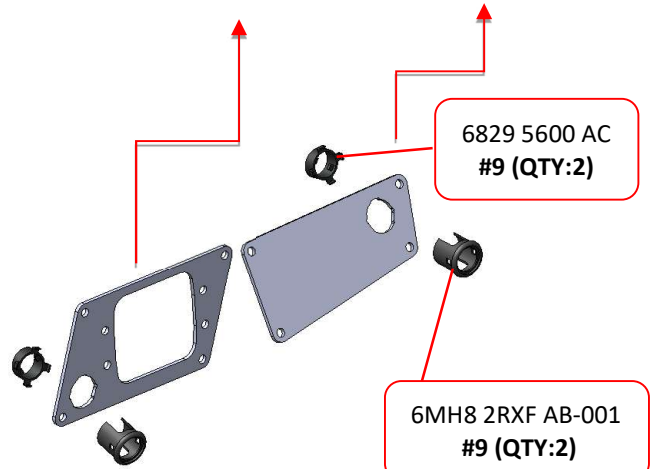


6829 5601 AC
#10 (QTY:2)



6MH8 3RXF AB-001
#10 (QTY:2)

6829 5600 AC
#9 (QTY:2)



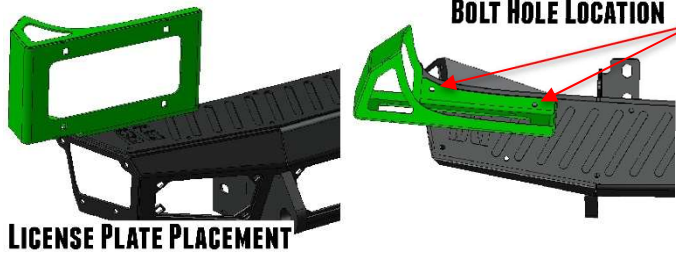
6MH8 2RXF AB-001
#9 (QTY:2)



Connect sensors and install (16x) 1/4-20 x 5/8 Long, Stainless Steel SBHCS through plate onto bumper.



4. LICENSE PLATE MOUNT INSTALL

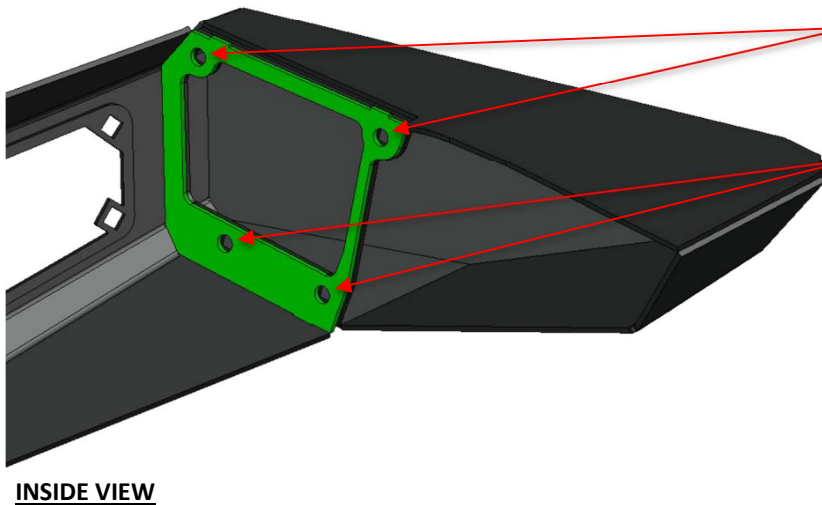
Mount BEFORE installing bumper






-  (2x) 1/4-20 x 5/8 Long, Stainless Steel SBHCS
-  (2x) 1/4-20 Hex Grade 5 Serrated Flange Nut, Stainless Steel

Install tip: Install the two (2) provided LED license plate lights through the license plate and the mounting bracket in the top holes. At this point it would be a good installation procedure to install male/female quick disconnect plugs on the red and black wire. In the event that the rear bumper has to be removed, if the license plate wiring is hardwired, the red and black wires will have to be cut and reconnected. Quick disconnect provides a quick disassembly and reassembly of rear bumper and license plate lights.

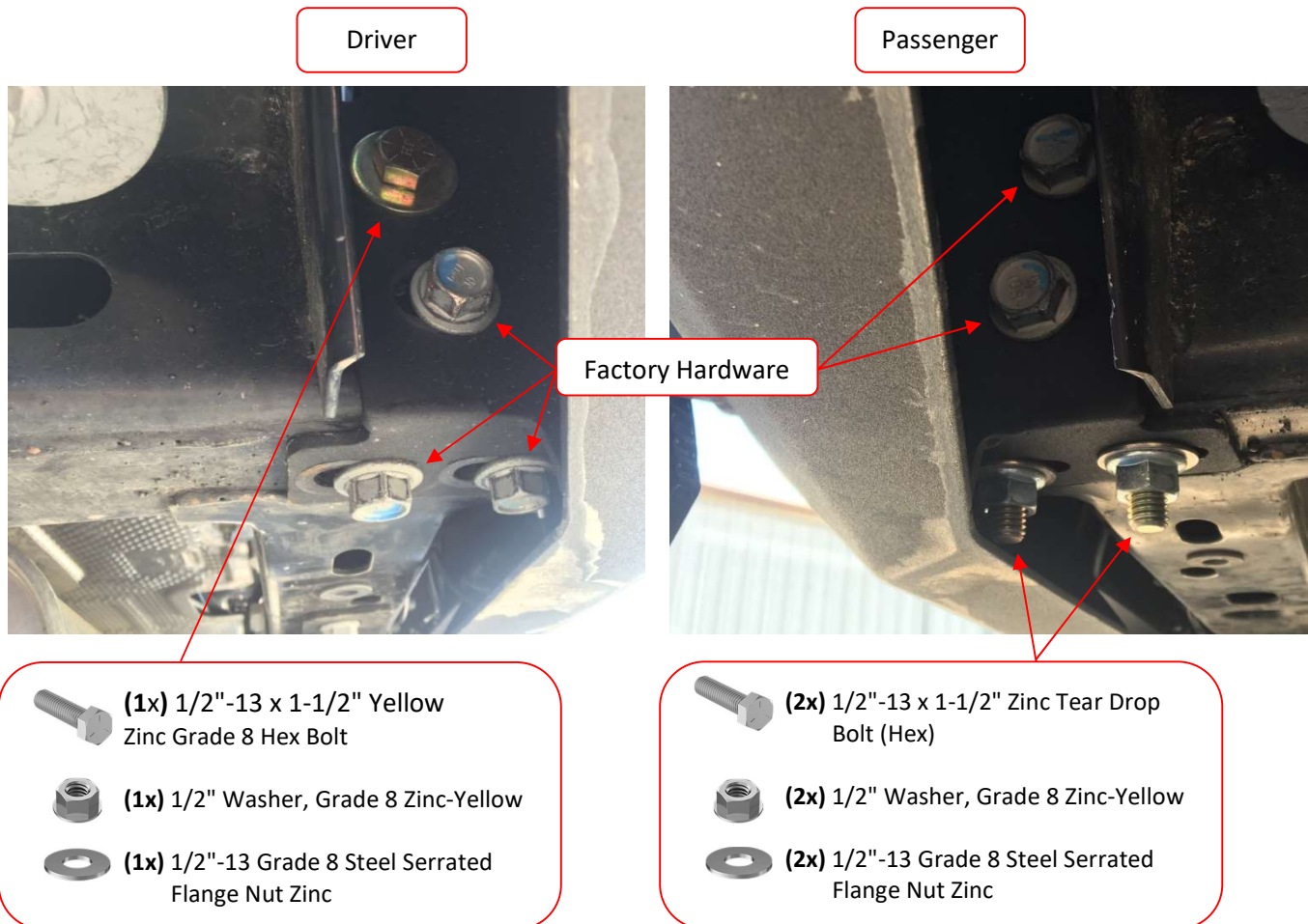
5. END PLATE INSTALL



-  (8x) 5/16"-18 x 1" Zinc Grade 5 Hex Bolt
-  (8x) 5/16"-18 Zinc Grade 8 Serrated Hex Flange Nut
-  (8x) 5/16" Zinc Grade 5 Flat Washer

6. BUMPER INSTALL

- a. Carefully install the bumper and then install the 5 factory OEM bolts in the pictured below locations.
- b. Driver side – install the (1x) 1/2"-13 x 1-1/2" Yellow Zinc Grade 8 Hex Bolt in the pictured below location.
- c. Passenger side – Install the (2x) 1/2"-13 x 1-1/2" Zinc Tear Drop Bolt (Hex) in the pictured below location.
- d. Loosely tighten the driver and passenger side with the washers and nuts provided.
- e. Using a tape measure, level the bumper horizontally and vertically and tighten all hardware.
- f. Reconnect your parking sensor wiring harness to the factory OEM plug. Tighten and secure wiring with zip ties.
- g. Complete your installation for lighting and wire in the lighting to the desired positions. Tighten and secure wiring with zip ties.



FINISHING UP

- Install shackles.
- Confirm that all hardware is tightened and everything is secure.
- Secure wiring harnesses for lights and sensors.
- Reconnect the battery.
- Test all lighting and wiring before using vehicle (fog lights, sensors, etc.).

MAINTENANCE

- Periodically check that all hardware is tightened and that all wiring and connections are secure.
- Periodically check that all sensor plugs are secure.
- Routinely wash bumper to maintain the powder coat finish.

FEEDBACK

We'd love to hear from you!

Please send your pictures, testimonials, comments, or suggestions to us by email at info@bodyguardbumpers.com. We frequently use customer pictures for brochures and marketing materials, and we always welcome customer feedback to ensure quality improvements within our company. Thanks for your purchase; we appreciate your business very much!

Where **STRENGTH** Meets *Style!*™



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