

MAXIMUS-3



JK WRANGLER

CLASSIC/X/LP HOOP

(Fits JK Wrangler with OEM/Factory Hard Rock Edition Steel Bumper)

PART #: HR1004HC, HR1005HX

INSTALLATION STEPS

Estimated Install Time: 1 Hour

PLEASE MAKE SURE YOU READ AND UNDERSTAND THE ENTIRE INSTALLATION GUIDE BEFORE YOU START. WE EXPECT YOU TO HAVE BASIC MECHANICAL ABILITIES TO PERFORM THIS INSTALLATION.

WE RECOMMEND THAT YOU SEPARATE AND IDENTIFY ALL THE PARTS AND HARDWARE KITS YOU RECEIVED WITH YOUR SHIPMENT BEFORE YOU PROCEED.



IMPORTANT

Follow these instructions precisely. Maximus-3 is not liable for any damage caused by improperly installed products. It is the purchaser's responsibility to ensure both the installation and maintenance are performed properly as set forth in this guide. We recommend using anti-size paste on all non-thread lock bolts.

Component List	Qty
Grill Guard/Hoop	1
Bumper Reinforcement Brace RHS	1
Bumper Reinforcement Brace LHS	1
Optional: Light Brackets	2

Hardware Kit

M8 x 16 Button Head Bolts – Black	2
M8 Flat Washer - Black	2
M8 x 25 Flange Hex Bolt – Zinc Plate	4
M8 x 20 Hex Bolt – Zinc Plated	2
M8 Flat Washer – Zinc Plated	2
M6 Flanged Nuts – Zinc Plated	2

Tools Required:

Your Basic Hand Tools
 Metric Drive Socket (13MM, 10MM)
 Allen Keys (L shape), T30 Torx keys,
 Phillips Screwdriver



INSTALLATION STEPS

If you have a winch already installed, go to step (B)

1- Remove the Winch-delete Cover Plate (Close-out Plate)

- *Cover the grille of your Jeep with a blanket or a mat to avoid surface damage (Recommended).*
- A. Using T30 torx bit remove the eight (8) cover plate bolts, four (4) in front and two (2) on each side.
- B. Carefully remove the cover plate and place it on a protective surface to avoid surface damage.



2- Remove U-nuts from the Bumper and the Cover Plate

If you are also installing a winch go to step B below.

- **For No-winch Install:**

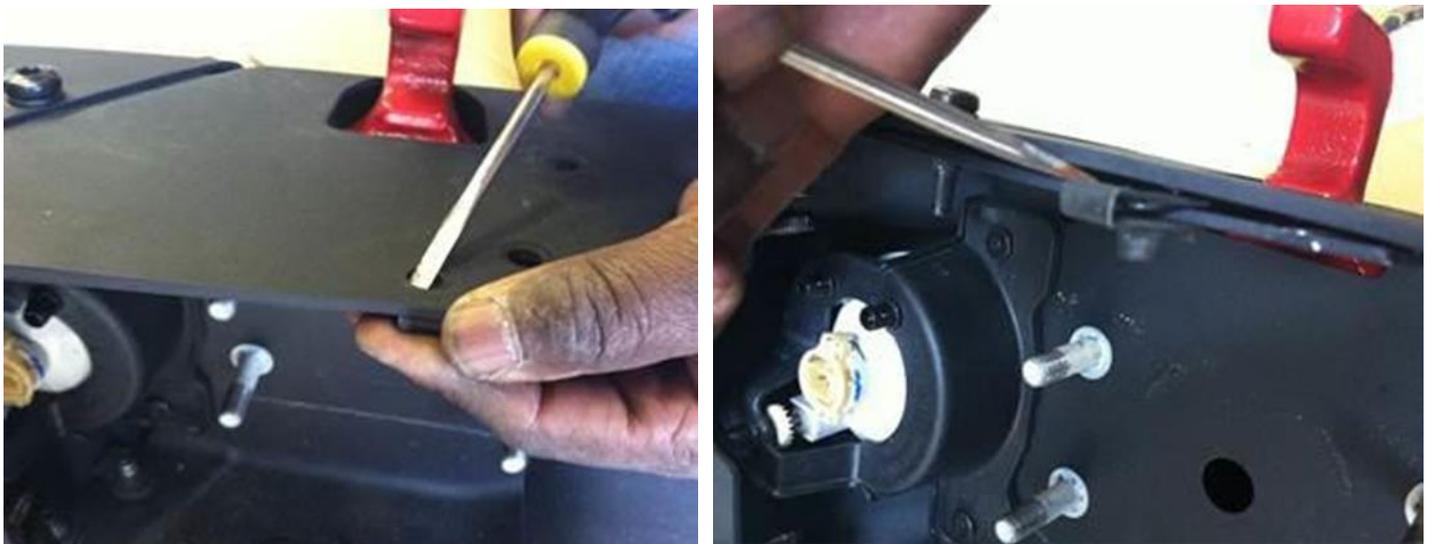
- A. Using a flat screwdriver carefully remove two (2) u-nuts from each side of cover plate shown in the image below. Do not remove the four (4) front middle u-nuts.
- *Note: You can also use a pair of pliers to rip out the u-nuts as you will not need them for this installation.*



- You do not need to remove the plastic filler trim between the bumper and the grille.

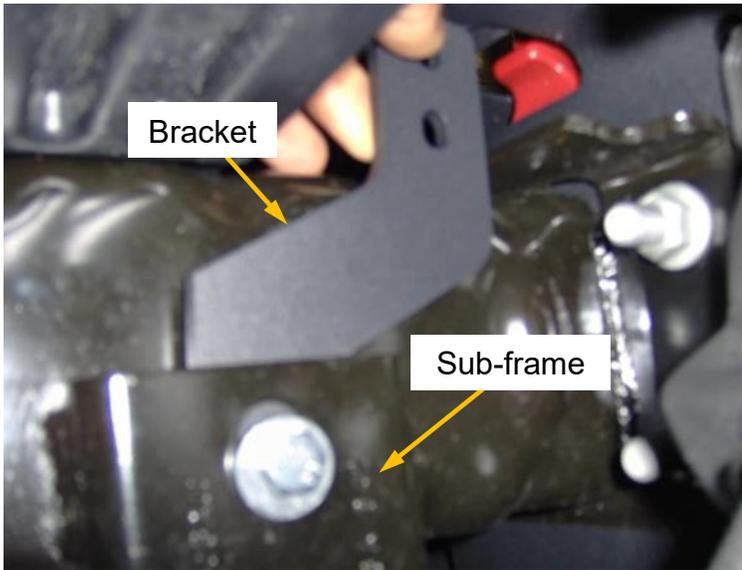
- **If you Have a Winch Installed**

- B. Using a flat screwdriver carefully pry the bumper inner bracket open and remove the back u-nut using another small screwdriver (or a pick) as shown in the image below. Do the same on the other side.
- *Note: You can also use a pair of pliers to rip out the u-nuts as you will not need them for this installation.*



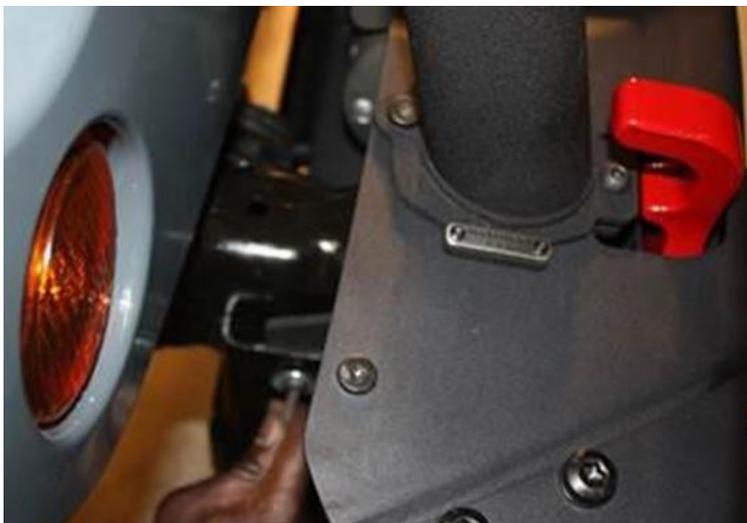
3- Install the Reinforcement Brackets

- A. Slide the bumper reinforcement brackets into the mounting locations on the chassis sub-frame and loosely fasten by hand using the M8 hex bolts and washers provided as shown below.
- Alternatively assemble in place (Note the orientation of driver side and passenger side brackets).



4- Install the Hoop

- A. Place the hoop over the mounting locations on the bumper and align the front and back holes to corresponding threaded holes on the reinforcement/brace brackets you installed in step 3.
 - Make sure the reinforcement brackets are loose enough to allow adjustment.
- B. By hand fasten the front M8 button head bolts provided – add washers between, one (1) on each side.
- C. Align and fasten the back bolts using the factory M6 torx bolts you removed in step 1-A, two (2) bolts on each side.
- D. Tighten the front bolts using a low-profile Allen key and then tighten the back bolts using a torx key.
 - *Check alignments and make sure the hoop is seated flat on the mounting surface.*
- E. Now tighten the lower M8 hex bolts of the reinforcement brackets, one (1) on each side.



5- Optional: Install your LED Bar or Auxiliary Lights

- A. Install your Light Brackets using the factory M6 bolts you removed in Step 1 and the two (2) M6 nuts provided, one (1) on each bracket (*you do not need the nuts for non-winch install*).
- B. Install your LED or auxiliary lights following the instructions provided by the manufacturer of the lights.
 - Make sure you adjust the lights and tighten the mounting nuts/bolts.



Your installation is complete. If you have questions regarding this installation, please contact us at customerservice@maximus-3.com, or call 248-6061745