

# MAXIMUS-3



## 10A/X RUBICON GRILLE GUARDS/HOOPS

*(Classic, X & LP Hoops with Reinforcement Brackets)*

### INSTALLATION GUIDES

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 TO DISASSEMBLE YOUR JEEP.

#### **Component List:**

Grille Guard/Hoop	1
LED or Auxiliary Light Bracket(s) optional	2
Bumper Reinforcement Brace RHS	1
Bumper Reinforcement Brace LHS	1
M8 Truss Head Bolts - Stainless Steel	2
M8 Hex Bolt – Zinc Plate	2
M8 Flat Washer – Stainless Steel	2
M8 Flat Washer – Zinc Plated	2
M6 Flanged Nuts – Zinc Plated	2

#### **Tools Required:**

Metric Drive Socket (13MM)  
Allen Keys, Torx Wrench, Torx keys (L shape)  
Phillips Screwdriver



## Installation

### 1- Remove the Winch-delete Top Plate (Close-out Plate):

*Cover the grille of your vehicle with a blanket or a mat to avoid surface damage (Recommended).*

Using a metric torx bit and ratchet unfasten and remove the 8 top plate bolts, 4 in front and 2 on each side. Carefully remove the top plate and place on a protective surface to avoid surface damage.



### 2- Remove the back u-nut.

Using a flat screw driver carefully pry and remove the back u-nut shown in the image below *(you can also use a pair of pliers to pull it out as you will not need it for this installation)*. Do the same on the other side.



Back u-nut

**You do not remove the plastic filler trim between the bumper and the grille.**

### 3- Remove the back u-nut.

Using a flat screw driver carefully pry the bumper mount bracket open and remove the back u-nut using another flat screw driver as shown in the image below *(you can also use a pair of pliers to pull it out as you will not need it for this installation)*. Do the same on the other side.



#### 4- Install the reinforcement brackets:

Slide the bumper reinforcement/brace bracket into the mounting pocket on the chassis frame and loosely hand-fasten using the M8 hex bolts and washers provided as shown below. Note the RHS and LHS brackets.



#### 5- Install the Hoop/ Bar & Light Brackets:

Place the bar/hoop on 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 4 (make sure the reinforcement brackets are loose enough to allow adjustment).

By hand fasten the front M8 stainless steel bolts provided – add the stainless steel washers between, 1 on each side. Align and fasten the back bolts using the factory M6 bolts you removed in step 2, 2 on each side.

Tighten the front bolts using a low profile Allen key and then tighten the back bolts using an L shape torx key. *Check alignments and make sure the bar/hoop is seated flat on the mounting surface.*

Now tighten the lower M8 hex bolts of the reinforcement brackets, 1 on each side.





Install the light brackets using the factory M6 bolts you removed in Step 2 and the 4 M6 nuts provided, 2 on each bracket *(you do not need the nuts for non-winch install)*. Install your auxiliary lights following the instructions provided with 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 [info@maximus-3.com](mailto:info@maximus-3.com) or call 248 821 6654.