

MAXIMUS-3



JK WRANGLER

HOOK ANCHOR & FAIRLEAD CENTERING PLATE

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

PART #: HR1014CP, HR1024HA, HR1024H-B, HR1024H-R

INSTALLATION STEPS

Estimated Install Time: 15 - 30 Minutes

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.

Parts List:

Hook Anchor ore Centering Plate

Qty

1

Hardware List

3/8 x 1.5 Truss Head Bolts – Stainless

4

3/8 Flat Washers – Stainless

4

3/8 Serrated Flanged nuts – Stainless

4

Tools Required

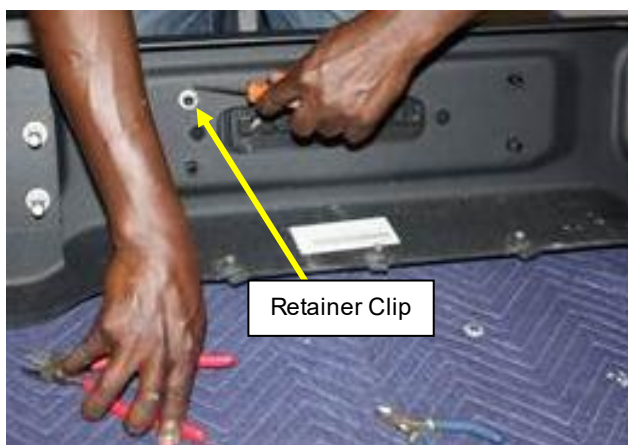
- ✓ Basic hand tools
- ✓ Cut off wheel (Grinder)
- ✓ 1.75" Hole Saw
- ✓ Electric Drill
- ✓ Drill bits

INSTALLATION STEPS

1- REMOVE THE RUBICON PLASTIC TRIM FROM THE BUMPER.

A. Remove the **RUBICON** plastic trim covering the fairlead opening by cutting the 4 Push Retainer Clips using a pair of side cutters.

- **Caution:** you may damage the trim cover if you try to save the metal retainers – just lift the clips, cut and peel out. You will not need the plastic trim again for this installation.



PLEASE NOTE: Hard Rock Rubicon fairlead slot dimensions and shape differ from that of older models 10A and X Rubicon.

For later models Hard Rock, 75th Anniversary Edition and Mopar Aftermarket Bumpers

➤ Skip to step 3.

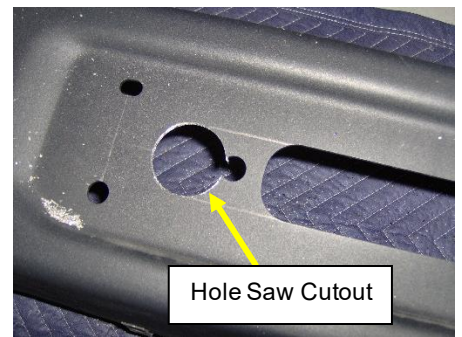
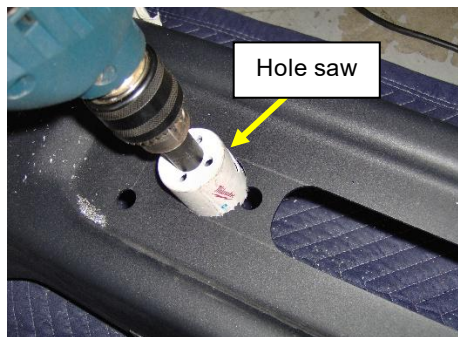
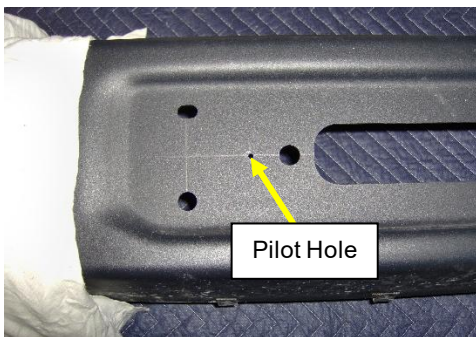
2- EXPAND THE FAIRLEAD SLOT ON THE BUMPER FOR 10TH ANNIVERSARY & RUBICON X.

You need to expand the fairlead slot on the bumper following the steps below - basically you need to expand the slot slightly to the passenger side to make it "symmetric").

- This step is a must for a centered winch setup for 10th Anniversary and Rubicon X editions ONLY.
- If you are doing an offset setup then skip this step and go to step 3 below.

FOR OLDER MODELS (10A AND RUBICON X MODELS):

- A. Mark a horizontal centerline through the factory fairlead holes. Mark a vertical line through the outer holes on passenger side.
- B. Measure 48 MM (1-7/8") from the vertical line and mark with a center punch right on the horizontal centerline.
- C. Cover the crash can covers and fog lights to avoid surface damage from hot metal sparks and shavings. Please refer to pictures below.
- D. Drill a pilot hole using a 1/8" (3 MM) drill bit.
- E. Using a 1-3/4" (44 MM) hole saw drill through the pilot hole and drill out a 44 MM hole as shown below.
- F. Mark two lines joining the tangents of the cut out to the fairlead opening - essentially you are expanding the factory fairlead slot to the passenger side to make it more "centered" on the bumper.



- G. Carefully cut on the lines you marked using a cut off wheel or a grinder as shown below. De-burr the edges using a file. Paint the edges for rust protection using a small brush or spray can.



3- BOLT YOUR MAXIMUSS-3 HOOK ANCHOR OR CENTERING PLATE ONTO THE BUMPER

- H. Place your Maximus-3 Hook Anchor or Centering Place on the bumper and align the mounting points to existing holes on the bumper.
- I. Bolt down using supplied 3/8" button head bolts, washers and flanged nuts. No cutting required.
- J. Bolt your Hawse Fairlead on using hardware supplied with your Fairlead.
- Drill new hole if you prefer to mount in top hole.

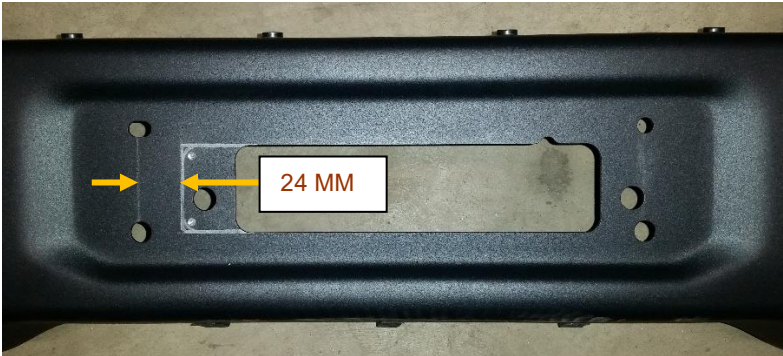


4- RE-ASSEMBLE YOUR BUMPER & SKID PLATE.

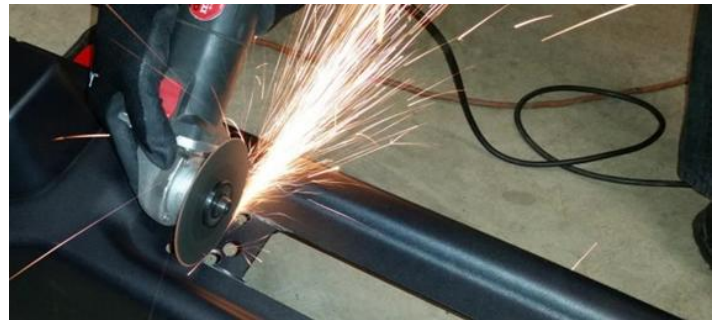
OPTIONAL STEP

Expand the fairlead slot on the bumper for later models Hard Rock & 75th Edition.
This step is totally not necessary, but some customers have requested the steps.

- A. Mark a vertical line through the outer holes on passenger side.
- B. Measure 24 MM (1-1/8") from the vertical line and mark a parallel vertical line then extend the horizontal lines of the slot as show. Mark drill points in the corners about 1/4" from the lines and drill out 1/2" radius holes – start with a pilot small drill bit then 1/2" drill bit.



- C. Cover the crash can covers and fog lights to avoid surface damage from hot metal sparks and dust.
- D. Carefully cut on the lines you marked using a cut-off wheel or a grinder and break off the cut using a pair of vise-grips as shown below. De-burr the edges using a file and paint for rust protection using a small brush or spray can.



- E. Install the Centering-Plate/Trim-Plate or Hook-Anchor using the 3/8 stainless steel bolts and Nuts provided.
- F. Install the Fairlead using the hardware provided with your winch – use the washers provided.

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