

MAXIMUS-3



JL WINCH MOUNT PLATE – FOR STEEL BUMPER

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.

Parts List:

	<u>Qty</u>
Winch Mount/Plate	1
Fairlead Plate (Optional: Hook Anchor)	1
Spacer Plates	2

Hardware List:

Winch Plate Hardware Kit

	<u>Qty</u>
M12 Hex Head Bolts (zinc)	2
M12 Washer (zinc)	2
M12 Flange Nuts (zinc)	2
M12 Non-Flanged Lock Nuts (zinc)	2
M8 Button Head Bolt (black, stainless)	2
M8 Flange Nuts (zinc)	5
M12 Hex Head Bolts – Short (zinc)	2
M12 Flange Nuts	2

Fairlead Plate Hardware Kit

M8 Button Head Bolt (black, stainless steel)	4
M8 Flange Nuts (zinc)	4

Tools Required:

- Metric Drive Sockets:
(13mm, 15mm, 16mm)
- Metric Deep Drive Sockets:
(18mm, 19mm)
- Torx Bit # 45
- Flat Head Screwdriver
- Ratcheting Wrench or Box Wrench
(15mm, winch hardware specific)
- Lock Pliers – ZEON's ONLY
- Allen Key (#5 & #5.5)

REMOVE THE BUMPER

(1)- REMOVE THE SKID PLATE:

Using a 13mm socket and ratchet remove the skid plate – there are 7 bolts to remove

(2)- REMOVE THE PLASTIC FILLER TRIM BETWEEN THE BUMPER AND THE GRILLE:

Using a flat-head screwdriver pry out the center locking pin from the plastic retainer clips. Then pull the plastic filler trim piece away from the frame.

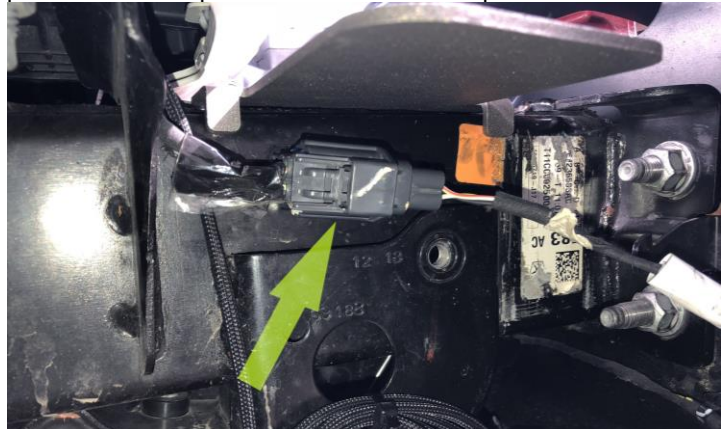


(3)- REMOVE THE WINCH COVER PLATE:

Using T-45 torx bit remove the top plate – there are 5 torx bolts.

(4) DISCONNECT THE FOG LIGHT WIRE HARNESS

On the passenger side of the frame behind the bumper. Push the plastic release clip and slide the harness apart



(5)- REMOVE THE FRONT BUMPER:

Using the 18 MM deep socket, short extension, and ratchet remove the 8 bumper flanged nuts – there are 4 bolts on each side.

(6) REMOVE THE TWO INNER REINFORCEMENT TIE BRACKETS – Using a 16mm socket and ratchet.



INSTALL THE WINCH PLATE

(7) SLIDE WINCH PLATE INTO POSITION, BETWEEN CHASSIS RAILS:

Slide the back of the plate in first, underneath the metal tab that protrudes from the subframe. The front of the winch plate will sit on the outside of the bumper mounting flange (see pictures below)



(8) INSERT THE REAR FASTENERS FOR THE WINCH PLATE:

Insert the provided M12 bolt & M12 washer through the winch plate and the hole in chassis frame. Feed the M12 flange nut through the access hole in the chassis sub-frame and **HAND TIGHTEN** for now



(9) INSERT TEMPORARY BOLTS/NUTS:

Use the supplied *short* M12 bolts & flange nuts to temporarily align/clamp the front tab of the winch plate to the chassis flange.

(10) TIGHTEN REAR WINCH PLATE BOLTS:

Using a 19mm socket on the M12 bolt. The flange nut is serrated and should tighten without a wrench (18mm if necessary)

(11) PLACE THE WINCH ON THE WINCH PLATE: <<< DO NOT BOLT-DOWN THE WINCH – AT THIS TIME >>>



***** IMPORTANT!!! THE NEXT STEP IS WINCH SPECIFIC *****

ZEON WINCHES = FOLLOW STEP 12A

SMALL BODY WINCHES (typically less than 23" in length) = SKIP TO 12B

(12A) ZEON WINCHES ONLY: (non-zeon winches skip to 12B)

- DO NOT install winch bolts yet. These bolts will be inserted after the bumper is re-installed. Because Zeon's are an extremely tight fit.
- With LOCK PLIERS: slightly bend the chassis bumper-flange outward, at the top-inside corner (where the winch contacts the chassis flange.) Repeat on both sides.
- Attach the cable/wire to the winch.



(12B) SMALL BODY WINCHES: (examples: Warn VR-series, Smittybilt X20 & XRC, tiger shark 9500, ect)

- **Install and tighten** all four winch bolts (to the manufactures specifications.) This secures the winch to the winch plate
- Most small body winches will NOT require any bending of the chassis flange, because the winch does not make contact
- Attach the cable/wire to the winch. Some winch's thimbles/hooks may not fit through the fairlead. They will need to be passed through the bumper from outside to inside.

(13) REMOVE TEMPORARY BOLTS – (FROM STEP #9)

PREPARE BUMPER

(14) REMOVE PLASTIC FAIRLEAD TRIM PIECE: Press retainer clips, pop out of bumper

(15) BOLT FAIRLEAD PLATE (OR WINCH HOOK ANCHOR) TO THE BUMPER:

With the supplied hardware (four M8 bolts & four M8 flange nuts) Use #5 Allen Key. Line-up the fairlead holes on the plate and bumper

(16) BOLT FAIRLEAD TO FAIRLEAD PLATE (OR WINCH HOOK ANCHOR) & BUMPER:

This hardware is supplied by the manufacturer of your fairlead or winch.



(17) INSERT SPACER PLATES TO BUMPER STUD BOLTS:

Plates will snap in place. The two holes in the spacer plates will go on the OUTER bumper bolts and the half-moon side goes on TOP. Repeat on both sides of the bumper



INSTALL BUMPER

(18) PLACE BUMPER ONTO CHASSIS FRAME: Slide the bumper's stud bolts through chassis flange

***** IMPORTANT!!! NEXT STEP IS WINCH SPECIFIC *****

ZEON'S = FOLLOW STEP 19A

SMALL BODY WINCHES = SKIP TO STEP 19B

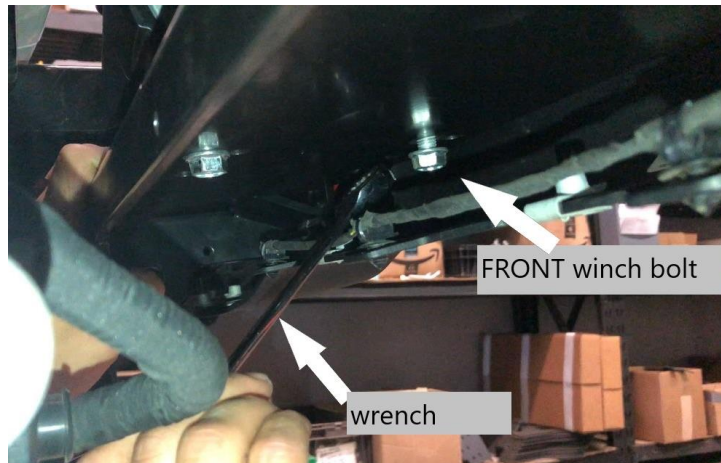
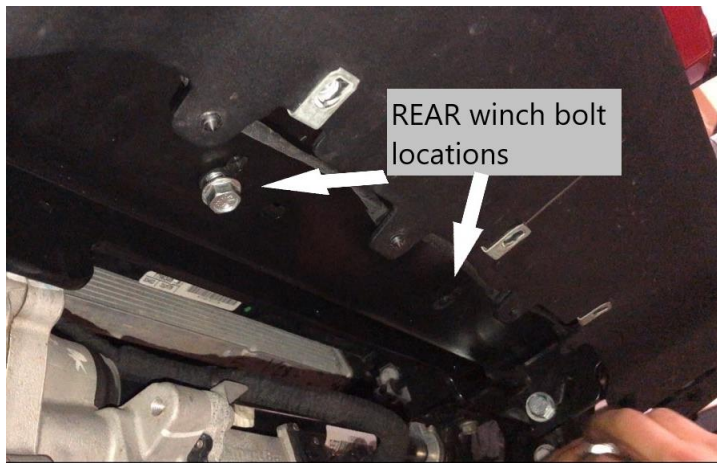
(19A) ZEON's ONLY

(19A1) TIGHTEN BUMPER BOLTS in this order:

- Tighten OUTER factory bumper nuts first – using an 18mm deep socket and short extension
- Tighten LOWER INNER factory nut - using an 18mm deep socket and short extension
- Tilt and skew the winch to the opposite side of the frame to gain access to the TOP INNER bolt stud
- COMPLETELY tighten the provided M12 non-flanged lock nut on the TOP INNER STUD – using 19mm deep socket and short extension. Repeat on other side

(19A2) INSTALL WINCH BOLTS: SECURE WINCH TO WINCH PLATE

- Start with the easily accessible two REAR Winch Bolts – use a socket wrench.
- Start to thread the FRONT two Winch Bolts by hand. Tighten the FRONTS by using a ratcheting or box wrench



(19B) SMALL BODY WINCHES

TIGHTEN ALL EIGHT BUMPER NUTS: Re-use factory flange nuts & 18mm deep socket.

NOTE: Small body winches are much easier to install because there is ample room to access all fasteners.

- (20) WIRE WINCH TO BATTERY:** We chose to route wires over the sway bar. See your winch's install guide for more information.
- (21) REINSTALL SKID PLATE:** use seven factory bolts and 13mm socket
- (22) REINSTALL FACTORY TORX BOLTS TO THE BUMPER'S WINCH CUT-OUT:** use T-45 torx bit and provided M8 flange nuts.



WARNING



Limited Warranty

All Maximus-3 aftermarket products and components must be installed as the manufacturer instructs. Maximus-3, LLC will not be responsible for any modification, improper installation, alteration, tampering, neglect, abuse or misuse of our products. Only use Maximus-3 installation guide to add, alter, or fabricate factory parts to incorporate Maximus-3 products. We will be happy to answer any questions concerning the design, function, and correct use of our products by calling 248-821-6654. It is ultimately the user's responsibility to have all fasteners properly retorqued after the first 100 miles and then every 3,000 miles thereafter. Tire carrier must be inspected for looseness every 1,000 miles. Using your vehicle off-road will put extreme stress on the vehicle and components. After driving off-road, always check for damage and wear to components, accessories, and equipment. Completely inspect your vehicle including wheels, tires, tire carrier, roof rack, and front set up. Check all threaded fasteners for looseness. Re-torque if necessary to the required specifications. Check and remove any accumulated dirt, mud rock, or debris to preserve powder coat finish/rust prevention.

We offer Limited Warranty on products engineered and manufactured by *MAXIMUS-3*.

Our **Warranty** covers all workmanship, material and paint/finish defects for a period of 1 year (12 months) from the time of initial purchase. *MAXIMUS-3* provides detailed installation instructions for every product. It is the responsibility of the purchaser / installer to ensure these instructions are followed properly. *MAXIMUS-3* will not be responsible for damages caused by misuse, altered or improperly installed products. *MAXIMUS-3* will not cover paint or labor costs for damaged items. Warranty is not transferable and covers all items ordered on or after December 1, 2012 with a valid original receipt.

Warranty covers all components manufactured by *MAXIMUS-3* unless otherwise specified on individual product listings.

3 Year Manufacturer Warranty

Maximus-3 products are warranted to be free from structural defects. All metallic components will carry 3 year manufacturer structural warranty. All warranty claims shall be issued in replacement of the original part or in-store credit. No refunds will be issued in cash, check or credit card payments.

For Procedures for Returning or Exchanging Product please read our Return Policy

PRODUCT MUST BE RETURNED TO THE ORIGINAL PLACE OF PURCHASE – Please refer to your original invoice.

ANY PACKAGES BEING SENT/RETURNED TO MAXIMUS-3 WITHOUT RETURN MERCHANDISE AUTHORIZATION (RMA) NUMBERS WILL BE REFUSED AND RETURNED TO SENDER.



RETURN POLICY

(Procedures for Returning or Exchanging Product)

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Returns and Exchanges

At MAXIMUS-3 we strive to get your order to you complete, undamaged and 100% correct. Your satisfaction is guaranteed. Products can be returned within 15 days of shipment as long as they are unused, uninstalled, unpainted and in new and saleable condition. Returned products need to be in their original packaging with all parts and instructions included. All returns of non-defective, non-damaged or special order parts are subject to a 15% restocking fee, unless we made an error.

All returns require a "Return Merchandise Authorization" (RMA) number from MAXIMUS-3 or one of our Distributors. Whether we have made an error, you wish to exchange something, or there is a warranty claim, an RMA number is required. This number must be written on the outside of the returned package. Please allow five (5) business days for refunds to appear on your credit card statement. **No returns will be accepted on modified, "Custom" or "Special Order" items.** Item(s) must be received within 30 days of the RMA issue date; otherwise the Return Merchandise Authorization will be voided.

Damaged Merchandise

Upon receiving your order, open the carton(s) and thoroughly inspect the contents. If any package arrives and shows signs of external damage, you may choose not to accept it. You may refuse it and require your seller to advise you of their procedure to follow. If there was damage during shipment, contact us so that a claim can be filed. Please keep all packaging materials should the carrier wish to inspect them.

Truck Freight Shipments

It is imperative to make a note of any damage on the delivery receipt at the time of delivery. **Open and inspect** the merchandise carefully **before** signing the delivery receipt. We can only initiate claims if the damage was noted at the time of delivery. Freight costs are all based on shipments to commercial addresses (with a dock), if you require shipment to a residential address, additional charges may be applied to the order total.

Products

Product specifications, availability and pricing are all subject to change without notice. National, State, Provincial or local laws and regulations may prohibit the removal or modification of stock vehicle components, or the addition of some of our products for on road use. It is the responsibility of the purchaser to ensure that the use of purchase products follows all laws and regulations.