



www.hylineoffroad.com

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Proudly Made In USA

Installation Instructions:

TJ/YJ Standard & Crawler
Front Bumpers.

Part Number(s): **250.100.100**
& **250.100.110**

Vehicle Fitment:

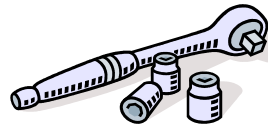
1987 – 2006 Jeep Wrangler
and Wrangler Unlimited

Parts List

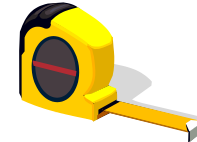
Qty:

- 1 Crawler Front Bumper
- 1 Winch Plate
- 2 TJ Left & Right Bumper Mounting Brackets
- 2 YJ Left & Right Bumper Mounting Brackets
- 10 ½” Grade 8 Bolts
- 10 Lock Washers
- 10 Flat Washers

Tools Needed



Ratchet
3/8” Socket
3/4” Socket
T-55 Torx



Tape Measure



Safety Glasses

Congratulations on your purchase of the Hyline Offroad Crawler Front Bumper. Our Bumpers are completely manufactured in our facility located in Perkasio, PA. They are designed and engineered by Offroad enthusiasts just like you to be rock solid at an affordable price. Hyline Offroad would like to thank you for your recent purchase and look forward to serving you in the future.

Hyline Offroad Staff

PLEASE READ INSTRUCTIONS BEFORE BEGINNING INSTALLATION

Unlike many other designs, Our **ORIGINAL** design allows you to install your winch **AFTER** installing the bumper. So if you wanted to add a winch down the road our design allows you to do so without removing your bumper. To install your winch after mounting the bumper follow the instructions starting on Page 4.

Front Bumper Installation

Step 1 – Remove Stock bumper by unbolting the six (6) T-55 Torx Bolts. Two on the top of each side of the bumper and one on the Bottom of each side. Say goodbye to that flimsy stock bumper.

Step 2 – Remove plastic factory sway bar cover by unbolting four (4) 3/8” Bolts from each side of cover. Do Not Throw This Cover Away.

Step 3 – Using tape measure, find the center point in between frame rails by Measuring the total width from inside frame rails. Mark the center Point. (See Figure 1)

Step 4 – Install proper Bumper Mounting Brackets (See Figure 2 to Right) using four (4) Supplied 1/2” Bolts, Lock Washers, and Flat Washers. Brackets are Located with the vertical flanges toward outside of frame rails. **DO NOT TIGHTEN BOLTS YET**

If Applicable
Disconnect all External Lighting Wiring that is presently attached to existing bumper.



Figure 1

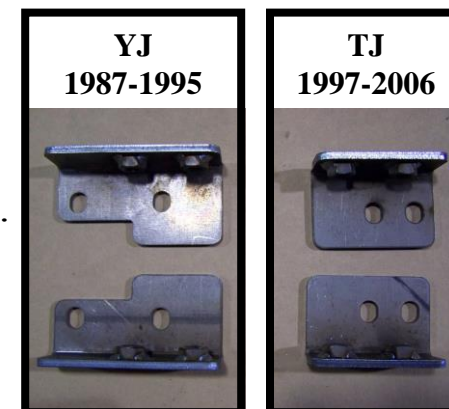


Figure 2

Step 5 – Measure from center point (measured in Step 3) to outside of the Vertical flange on bracket. Locate bracket at 16 7/8” from center point. Repeat to opposite side bracket. (See Figure 3) This step will ensure. The bumper slides over the brackets easily. Once brackets are in proper position Torque all four (4) bolts to 119 ft./lbs.



Figure 3



You may at this point install winch with bumper off vehicle OR you can wait until after bumper is mounted on the vehicle. We recommend installing the winch after mounting the bumper so you're not lifting so much weight.

Step 6 – Slide front bumper over brackets. Install Four 1/2” Bolts, Lock Washers, And Flat Washers through 5/8” Shackle Plates and thread into weld nuts on Mounting Brackets. You may need to rock bumper back and forth slightly to start the bolts in the weld nuts.

DO NOT TIGHTEN BOLTS YET. (See Figure 4)

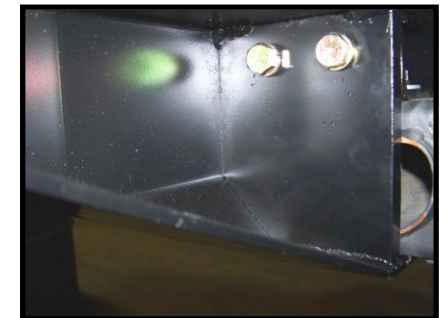


Figure 4

Step 7 – Install the two remaining 1/2” Bolts, Lock Washers, and Flat Washer on bottom of the bumper.

Step 8 – Tighten all 1/2” Bolts to 119 ft./lbs.

Step 9 – If re-installing Plastic Factory Sway Bar Cover you will need to notch out areas where winch feet are positioned.

Optional Winch Installation

Step 1 – Bolt on Fairlead supplied with winch, to the Winch Plate supplied with Bumper. Tighten Bolts.


Step 2 – Mount Winch and Winch Plate onto Bumper using supplied hardware with winch. Install the two bolts closest to the grille first. You may have to tip the winch forward slightly to get bolts started in the winch feet holes. **DO NOT TIGHTEN BOLTS YET.**

Step 3 – Using a Ratchet Extention (Approx 12”) with correct short socket for winch bolt, thread the 2 front bolts into winch feet.

Step 4 – Tighten all Winch Bolts to manufacturers torque specifications.

Now you're ready for the ROCKS!!

Send your OFFROAD pictures to pics@HylineOffroad.com . If we choose any one of your pictures to be used on our website, We send you a FREE Hyline Offroad T-Shirt.

 **Attention** Installation instructions provided must be read and followed exactly when installing product. Failure to do so could potentially result in injury or death of any occupants in the vehicle. **WEAR SEAT BELTS AT ALL TIMES WHEN DRIVING!**

Though our products are rugged, they are primarily designed and built to enhance the appearance of the vehicle and will not protect from death or injury in the event of an accident. Adhere to all vehicle manufacturers specifications.

**** IMPORTANT: PLEASE READ BEFORE INSTALLING**

HYLINE OFFROAD, LLC WARRANTY

HYLINE OFFROAD, LLC. LIMITED WARRANTY Hyline Offroad, LLC, warrants all products against manufacturer's defects in workmanship and material for a period of one (1) year from the date of sale. This warranty applies to manufacturer's defects only and does not cover damage or failure caused by natural causes or third parties.

If product failure does occur within the time period specified according to the provisions of this Warranty, then Hyline Offroad, LLC agrees to provide the replacement product free of charge, F.O.B. factory. This Warranty is valid only so long as the product is installed on the original vehicle. Removal of the product from this vehicle automatically invalidates this Warranty.

As described above, this warranty is expressly limited to the material cost of the product and does not extend to labor costs. Hyline Offroad, LLC will not be responsible for any costs incurred in the removal or reinstallation of the product furnished by manufacturer under this warranty.

CLAIMS PROCEDURE Submit Warranty claim in writing, by certified mail to Hyline Offroad, LLC, 1507 C West Park Avenue, Perkasio, PA 18944. The Claim Notice must state the date of this Notice, the nature of the defect, date of purchase and if already installed, the date of installation, if installed the name of installer and include Proof of Purchase.

This Warranty shall be for the benefit of the original owner only, and is non-transferable. This Warranty is valid in those states where permitted. Some states do not allow limitations on the length of an implied warranty, so the above limitation may not apply to you. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. You should check your local state laws to determine this. This Warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

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2. I am fully cognizant of any risks and/or hazards connected with the use of a this product and I elect to willingly engage in such use of this product knowing that the use may be hazardous to me and my property. I willingly assume full responsibility for any risks of loss, property damage or personal injury, including death, that may be sustained by me (or anyone else), or any loss or damage to property owned by me (or anyone else), as a result of using this product, whether caused by the negligence of releasees or otherwise.
3. I further agree to indemnify and hold harmless the releases from any loss, liability, damage or costs, including court cost and attorney fees, that they may incur due to my use of a this product, whether caused by negligence of releasees or otherwise.
4. It is my express intent that this Release and Hold Harmless Agreement shall bind the members of my family and spouse, if I am alive, and my heir's assigns and personal representative, if I am deceased, and shall be deemed as a release, waiver, discharge, and covenant not to sue the above named releasees. I further agree that this Waiver of Liability and Hold Harmless Agreement shall be construed in accordance with the laws of the State of Pennsylvania.

By accepting and installing this product, I acknowledge and represent that I have read the above Warranty and Hold Harmless Agreement, understand it and accept it willingly as my own free act and deed; no oral presentations, statements, or inducements, apart from the foregoing written agreement, have been made; I am at least eighteen (18) years of age and fully competent; and I execute this Release for full, adequate and complete consideration fully intending to be bound by same.

If you do not agree with the preceding Hold Harmless Agreement, you may return the product and receive a full refund. Please, contact a Hyline Offroad sales representative and they will issue a call tag for the product in question. Once the product has been received by Hyline Offroad, inspected and accepted for return, a full refund will be issued.