



www.hylineoffroad.com

1507 C West Park Avenue ~ Perkasio, PA 18944
Tel: 1.888.495.4631 ~ Fax: 215.257.4364

Proudly Made In USA

Installation Instructions:

TJ Hood Louver Panel
Part Number: **300.500.100-130**

Vehicle Fitment:

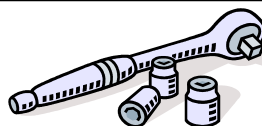
1997-2006 Jeep
Wrangler and
Wrangler Unlimited

Parts List

Qty:

- 1 Hood Louver Panel
- 1 Steel Template
- 32 Nylon Locknuts
- 2 10-32 Pan Head Screws

Tools Needed



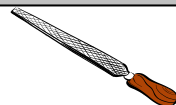
Ratchet
3/8" Socket
Torx



Drill
1/16" & 1/4"
Bit



Jig Saw OR
Cut Off Wheel



File OR
Sandpaper



Safety Glasses

Congratulations on your purchase of the Hyline Offroad Hood Louver Panel. All of our products 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

BEFORE INSTALLING

If you ordered the Hood Louver Panel raw you should paint, anodize, powder coat, etc. now before installation onto vehicle. **PEEL OFF THE VINYL PROTECTANT COVERING BEFORE PAINTING OR FINISHING.** If Hood Louver Panel was ordered black powder coated your now ready to continue to step 1.

Hood Louver Panel Installation

Step 1 – **As a safety precaution - Remove the hood from your vehicle before drilling or cutting.**

First, remove the engine grounding strap, hood light, and/or windshield washer hose from hood. Then unbolt the 6 Torx bolts from the hood hinges. Hood should now be free to remove from vehicle.

Step 2 – Once the hood is removed, place the hood on a flat, solid work area. Then remove the two rubber windshield bumpers and the u-shape tie down bracket. The rubber bumpers are easily removed by pulling up and away from hood. Tie down bracket unbolts from under the hood.

Step 3 – Place steel template in the center of hood as seen in (Figure 1). Visually make sure the holes in the template are centered with the holes for the rubber windshield bumper, tie down bracket holes and windshield washer squirter.

Step 4 – Re-install the U-Shape tie down bracket and tighten nuts securely, as these will hold the template in place while drilling in Step 6.



Figure 1

Step 5 – Place masking tape on the hood around perimeter of template, if desired, to prevent excessive scratching.

NOTE: USE 1/16” BIT AS PILOT HOLE FOR 1/4” BIT TO BETTER ENSURE ACCURACY!

Step 6 – Using 1/4” Bit, drill one hole through the template and hood at either corner, as shown in (Figure 2). Install and tighten the supplied 10-32 screw and nut. Then drill a second hole in the opposite corner of Template and install and tighten supplied 10-32 screw and nut. This will ensure template stays in place while drilling and cutting.

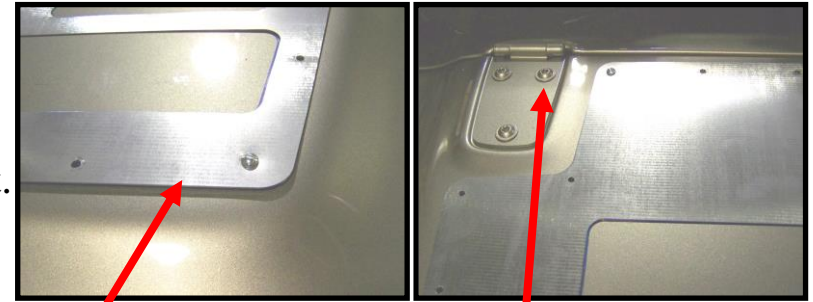


Figure 2

Drill & Install first 10-32 screw here.

Drill & Install second 10-32 screw here.

****Important** DO NOT MOVE TEMPLATES UNTIL STEP #9**

Step 7 – Continue to drill the rest of the holes with the 1/4” Bit, 32 Holes Total.
****NOTE**** You will need to use the 1” hole saw to expand the center bottom hole under the hood in the support section in order to attach the nut to stud. See (Figure 3)

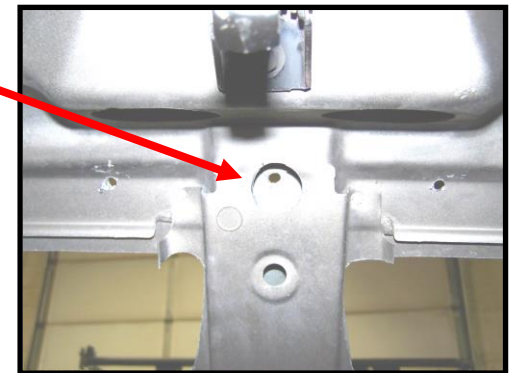


Figure 3

Step 8 – Once drilling is completed, Use 1” Hole saw and drill each corner of the 6 panels (24 times total). With template still in place, use jigsaw/cutoff wheel to cut out all 6 panels.

Step 9 – Remove template and use a file or sandpaper to deburr any sharp edges from panel cutouts and/or drilled holes. Remove masking tape also if necessary.

****MUST READ BEFORE MOVING TO STEP 10****

**Lubricate Nylock Nut Threads With WD-40 or Anti-Seize Prior To Installing.
DO NOT USE A PENETRANT & DO NOT OVERTIGHTEN NUTS.
Penetrant products are corrosive which will melt nylon locknut materials and
overtightening will cause distortion on Hood & Louver Panel.**

Step 10 – Install the Hood Louver Panel onto hood and assemble nylon locknuts to threaded studs. Tighten nuts just enough until they touch the hood steel

Step 11 - Re-install hood onto vehicle and re-mount the two rubber windshield bumpers and u-shape tie down bracket. That’s it, you’re done.

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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HYLINE OFFROAD, LLC HOLD HARMLESS AGREEMENT

1. In purchasing a Hyline Offroad, LLC Product™ I release, waive, discharge and covenant not to sue Hyline Offroad, LLC's officers, servants, agents, or employees (hereinafter referred to as Releasees) from any and all liability, claims, demands, actions and causes of action whatsoever arising out of or related to any loss, damage, or injury, including death, that may be sustained by me (or anyone else), any property belonging to me (or anyone else), whether caused by the negligence of the releasees or otherwise, while working on, using or any activity related to this product.
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.