



Proudly Made In USA

Installation Instructions:

Universal Louver Panel

Part Number(s): **075.500.100**

& 075.500.110

Vehicle Fitment:

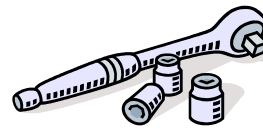
Fits Various Models

Parts List

Qty:

- 1 Left Side Louver Panel
- 1 Right Side Louver Panel
- 1 Steel Template
- 30 10-32 Stainless Lock Nuts
- 2 10-32 Pan Head Screws

Tools Needed



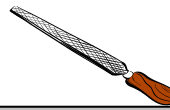
Ratchet & Sockets
3/8"



Drill
1/16", 3/16" & 1/4" Bits
1" Hole Saw



Jig Saw OR
Cut Off Wheel
Painters/Masking Tape



File OR Sandpaper



Safety Glasses



Clear Rust Inhibitor
Spray

Congratulations on your purchase of the Hyline Offroad Universal 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 Louver Panels raw you should paint, anodize, powder coat, etc. now before installation onto vehicle. PEEL OFF THE VINYL PROTECTANT COVERING BEFORE PAINTING OR FINISHING (If Necessary). If Hood Louver Panel was ordered black powder coated your now ready to continue to step 1.

Hood Louver Panel Installation

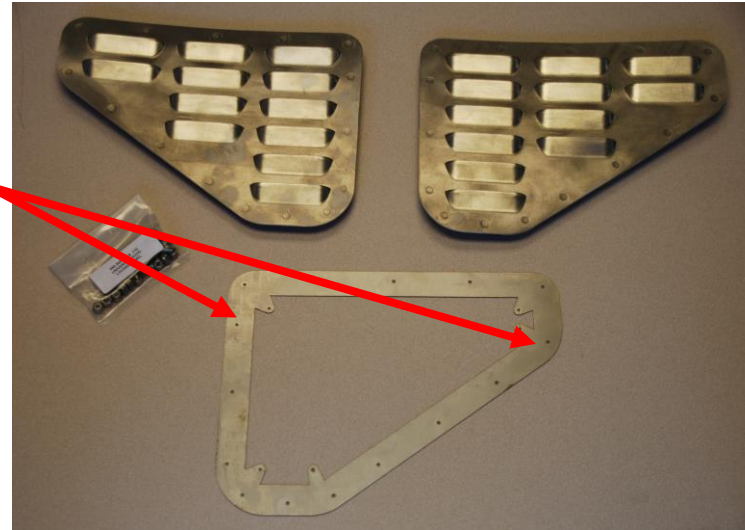
Step 1 – As a safety precaution - Remove the hood from your vehicle before drilling or cutting. If installing Louver Panels in another area of your vehicle check for any interference with bracketry, wiring and/or other obstructions.

Step 2 – Once area has been chosen, place painters/masking tape in area of installation or backside of the steel template to prevent any scratching on painted surface of vehicle

Step 3 – Place template in chosen area and tape down. Using 1/16” Pre-drill bit, drill one hole through the existing hole in corner of template. Then using the 3/16” bit, drill open that hole and install the supplied 10-32 screw and nut. Repeat this operation in opposite corner of template. (See Figure 1 on next page) This operation will ensure the template stays in place while drilling and marking for cutting.

Drill & Install 10-32 screw and nut here to temporarily hold template in place while drilling

Figure 1



****Important** DO NOT MOVE TEMPLATE UNTIL ALL DRILLING AND MARKING IS COMPLETE**
NOTE: USE 1/16" DRILL BIT AS PILOT HOLE FOR 1/4" DRILL BIT TO ENSURE BETTER ACCURACY!

Step 4 – Drill through all the holes in the template using the 1/16" bit.

Step 5 – Using a marker or scribe trace the center cutout section onto the vehicle. Once you remove the template you'll be able to use these lines to cutout the air vent section.

Step 6 – After all holes are drilled using 1/16" pilot bit and cutouts are traced, you may now remove the template. Now use the 1/4" Bit to drill out the pilot holes.

Step 7 – Once final drilling is completed, Use 1” Hole saw and drill each corner of the cutout (5 times total). You can then use the jigsaw or cutoff wheel and cut each air vent panel out.

Step 8 – Use a file or sandpaper to deburr any sharp edges from panel cutouts and/or drilled holes. Remove masking tape also if necessary and spray raw cut edges with rust preventative paint or clear coat.

****MUST READ BEFORE MOVING TO STEP 9****

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 9 – Install the Universal Louver Panels onto hood, lubricate threads with WD-40 or other lubricant and assemble nylon locknuts to threaded studs. **Tighten nuts just enough until they touch the steel hood or body panel.**

Step 10 – Repeat steps 1-9 for other louver panel.