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MADE IN USA

DELTA JEEP® HOOD LIGHT BAR For JEEP Wrangler 1997-2012 P/N 01-9520-3BX

INSTALLATION INSTRUCTION for TJ & JK Models

1. **For JK** - Remove (2) hood hinge bolts holding the hood on the driver side first and replace it with the driver's side aluminum arm using factory bolts. Remove (2) hood hinge bolts on the passenger side.
For TJ - Remove (1) hood hinge bolt (most forward) on the hood on the driver side first and replace it with the driver side aluminum arm (see photo) using the 1" bolt (provided). This bolt will connect the billet aluminum arm with the hinge through the most forward bolt hole in the arm. Apply a double stick tape next to the other bolt hole to provide an added support and hold. The unused back bolt hole on both arms can be plugged with the plastic plug (provided).
2. Attach black cross-bar to driver's side aluminum arm using (2) small hex bolts. (provided)
3. Attach black cross-bar to passenger's side aluminum arm using (2) small hex bolts (provided), while holding the arm route the wire lead through the channel under the aluminum arm and secure to the hood using (2) factory bolts.
4. Lift the hood up and route the wire lead around the hinge and into the engine compartment. (See photo).
5. Install the relay in a close proximity to the battery. (See photo)
6. Connect black wire leading from relay to metal surface under the hood with a sheet metal screw (provided).
7. Route the blue (switch wire) alongside the fire wall to the driver's side and puncture through the lower rubber grommet on the driver's side (per photo) to get inside the passenger compartment.
8. Install the switch on the dash-board (left to the steering column) by snapping the side panel of the dash-board and drilling 1/2" hole in the dash-board. For best result use our Billet Aluminum Switch Plate I #05-2001-3X
9. Connect blue wire to the switch prong with lamp icon.
10. Connect the short red wire from the prong with + icon on the switch to any "hot wire" using snap-lock (provided).
11. Connect the black wire leading from the switch to any grounded metal surface under the dash-board.
12. Remove the fuse from the harness (**for safety**) and connect the red leading from the relay to the positive post on the battery. Now insert the fuse back into the fuse holder.

You may now test your lights! **HAPPY FOUR WHEELING!**





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DELTA TRUCK HOOD LIGHT BAR With Hood Mounting Kit

P/N 01-9520-3BX & 01-9522-BRT– Powered by Xenon Bulbs
P/N 01-9520-3BX-H.I.D. & 01-9522-BRT – Powered by HID System

INSTALLATION INSTRUCTION

NOTE: Installation on Trucks and SUV's - Requires Hood Mounting Kit #01-9522-BRT

1. Mount the aluminum arms to the bar using supplied socket cap screws (do not tighten them).
2. Place a piece of masking tape around the center of the backside of the bar.
3. Find the mid point between the right and left side of the backside and mark with a vertical line (see photo).
4. Place a long strip of masking tape along side back edge of the hood, by the windshield.
5. Find the mid point of the width of the hood and mark the spot on the tape with a line (see photo).
6. Center the hood bar by lining up the mark on the back of the bar to the line on the hood making sure you are equal distance from the edge of the hood.
7. Place two pieces of masking tape on the hood where each mounting arm will rest on the hood.
8. Place the Bar on the hood and trace with the pencil each mounting hole in the arms onto a masked hood to where you want your bar to be mounted while making sure two center marks on the hood and the bar are lined up. The back of the arm should not be more than 1 inch from the back edge of the hood. Be sure the back holes on the arm are safe distance so the bolts can reach across the thinner part of the hood.
9. Drill four 5/16" holes where the mounting holes were marked on the masked top of the hood.
10. Open the hood and following the previously drilled forward mounting boltholes drill (2) two 1 1/2 "holes (using deep socket wrench with a 5/16 chuck) in the bottom layer of the hood. (Note: Double walled hood only).
11. Close the hood, apply double stick tape to the bottom of each arm, and place the Hood Bar in position to be bolted.
12. Place smaller stainless bolts in the mounting arms closer to the windshield and attach to the hood.
13. Open the hood and place billet aluminum double threaded studs from the bottom of the hood through 1.5" holes and attach them from the top using (supplied) long stainless bolts.
14. Tighten one nut on each stud against the top (exterior) wall of the hood.
15. Insert the other nut and tighten to the level where the bottom portion of the nut even level with the bottom layer of the hood creating a "honey comb" structure, which will provide integral strength to your mount without warping the hood.
16. Install the mounting plates under the hood and secure them with the remaining 2 nuts. Test the bar if completely secured. Make any adjustments with bottom two bolts, if necessary.
17. Lift the hood up and route the wire lead under the right arm (using the groove) around the edge of the hood and into the engine compartment. (See photo).
18. Install the relay in a close proximity to the battery.
19. Connect black wire leading from relay to metal surface under the hood with a sheet metal screw (provided).
20. Route the blue (switch wire) alongside the firewall to the driver's side and puncture through the rubber grommet in the fire wall near the steering column to get inside the passenger compartment.
21. Install the switch in desired location on the dashboard.



For best results use our (optional) Billet Aluminum Switch Plate #05-2001-3X

22. Connect blue wire to the switch prong with lamp icon.
23. Connect the short red wire from the prong with + icon on the switch to any "hot wire" using snap-lock (provided).
24. Connect the black wire leading from the switch to any grounded metal surface under the dashboard.
25. Remove the fuse from the harness and connect the red wire leading from the relay to the positive post on the battery. Now insert the fuse back into the fuse holder.
26. Turn the light bar on and aim to your desired position then lock in by tightening the mounting stainless steel bolts.

HAPPY TRUCKIN'

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#01-9522-BRT Hood Bar Mounting Kit

