Baja Designs 448030 Installation Instructions

S8 20 Inch Grille Lower Light Kit for Ram HD

Part number: 448030

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Scan for fitment, price and install help

Dodge Ram (19-On)
20" OnX6, S8 Lower Grille kit
44-8030, 44-8031



185 Bosstick Boulevard • San Marcos • CA • 92069

Phone 760-560-2252 • Fax 760-560-0383

info@bajadesigns.com • www.bajadesigns.com

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Ram OnX6/S8 20” Lower Grille Kit

Tools Required:

- 10mm Socket wrench
- 10mm wrench
- 8mm wrench
- 7/16” Socket wrench
- 7/16” wrench
- Flathead Screwdriver
- Zip ties

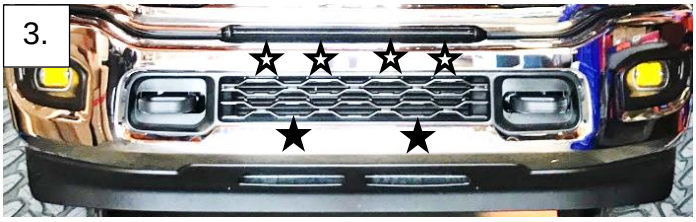
1. The front lower bumper valence will need to be removed.



2. With the flathead screwdriver, remove the two circled plastic fasteners. Remove white arrowed fasteners with 10mm socket wrench. Remove black arrowed fasteners with 10mm wrench.

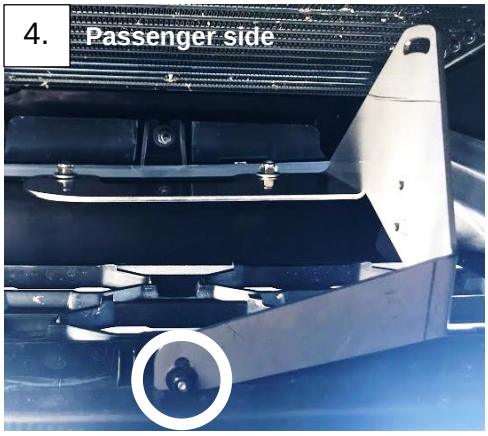


3. Remove nuts on the backside of the bumper in the black starred locations with an 8mm wrench. Place the ¼” bolts with washers in the empty holes on the backside of the bumper in the white starred locations. The bolt heads should be facing the front of the vehicle.



<u>Note</u>: the brackets are slotted to allow movement back and forth to help ease the installation process.

4. Place each bracket over the ¼” bolts from step 3 after aligning the lower stud circled in the image. Hand thread on ¼” washers and nuts. Hand thread on the lower bracket nut.



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5. Place the light in between the brackets and hand thread in the hardware. Make sure the power cord is routed as shown.

6. Aim the light and tighten the light and bracket hardware.

7. Route the light plug end of the harness from the engine bay down to the lower grille opening following the path shown.

8. Following the path shown, attach the battery leads of the harness to the battery (starred) and mount the relay to a nearby bolt.

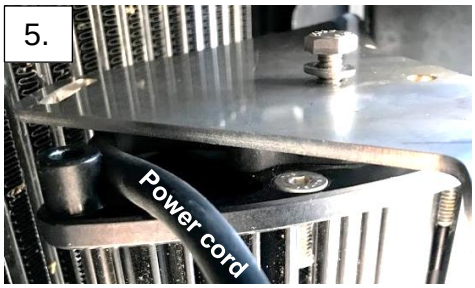
9. Remove the main switch from the switch leads. Route the switch leads into the driver side inner fender shown by the star in the image. Excess harness length can be tied up and placed into the inner fender after installation.

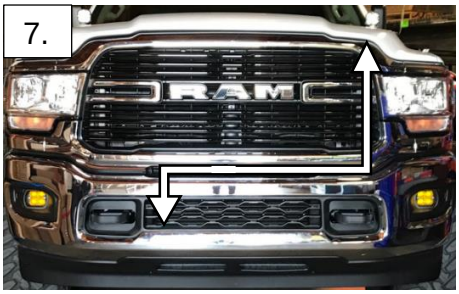
10. Open the driver side door and observe the gap. Gently pry back the inner fender foam seal and route the switch leads through.

11. Unclip the flap next to the parking brake pedal. Carefully pry the six lower door sill trim clips. (Trim is shown removed for detail)

12. Remove the arrowed rubber grommet. Puncture the grommet, re-mount, and run the switch wires through the grommet into the cab. Install flap and door trim.

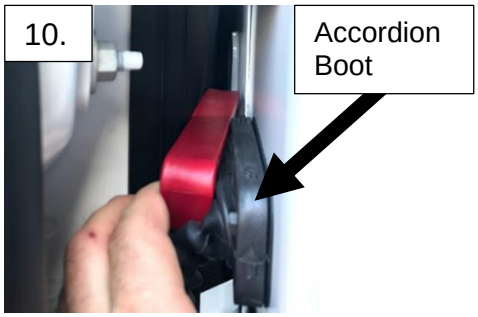
13. Mount switch and reattach wires. Tie all wires away from any hot and/or rotating components. Mount lower bumper valence.

















Re-torque all the fasteners after 100 miles.

Your install is now complete! Thank you for choosing Baja Designs.

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