Baja Designs 448075 Installation Instructions

LP4 Pro A-Pillar Kit for Tundra & Sequoia

Part number: 448075

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Scan for fitment, price and install help

Toyota, Tundra (2022-On), Sequoia (2023-On) A-Pillar Kit (44-8072, 44-8073, 44-8074, 44-8075)



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***For a color copy of instructions, visit your vehicle specific application on BajaDesigns.com ***

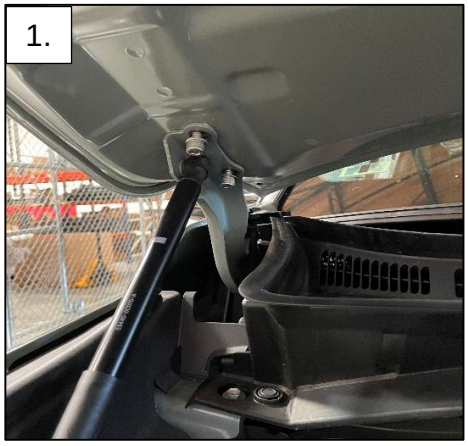
Tools Required

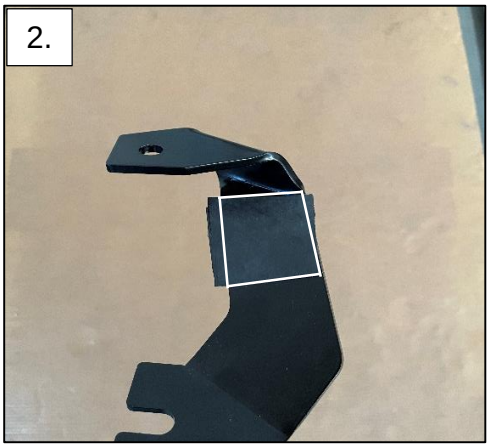
* 6mm Allen wrench *Two 9/16”, Two 7/16”, 12mm wrenches *10mm socket *Masking tape

To begin, make sure the vehicle is in park, on level ground and the parking brake is engaged.

1. Open the hood. Locate and remove the negative battery cable using a 12mm wrench. (For hybrid vehicles, the battery is located under the driver side rear seat.) Using masking tape, mark the hood hinge alignment on the hood. With the help of an assistance, remove the passenger side hood hinge bolts using a 12mm wrench and with a 6mm Allen wrench, loosely install the socket cap bolts and washers in their place.

2. Apply an EPDM strip to the passenger side bracket as shown. Trim any excess material to match the profile of the bracket.





3. With the hood bolts loosened, slot the passenger side bracket between the washers and hood hinge and tighten the bolts using a 6mm Allen wrench. Make sure the hood alignment has not shifted.

4. Repeat steps 1-3 on the driver side of the vehicle.

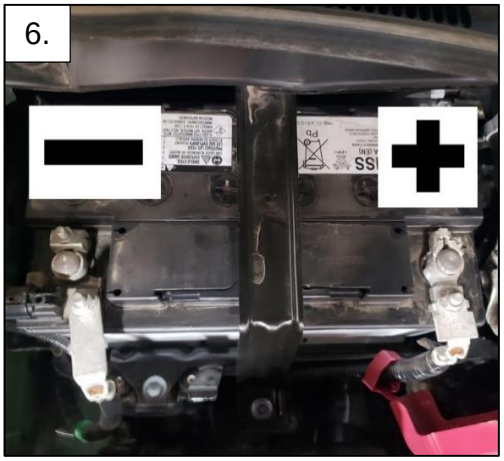




5. With the hood closed, install the passenger side light into the bracket using the included hardware bag, two 9/16” wrenches and two 7/16” wrenches. Placing painters’ tape or a rag on the hood underneath the bracket’s light mounting holes is recommended to avoid scratches. Repeat on the driver side.

6. Open the hood and using a 12mm wrench, attach the positive ring terminal to the positive post of the battery. (For hybrid vehicles, follow steps H1 through H4.)





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7. Attach one light lead into the passenger side light. Run the switch and other light lead across the firewall to the driver side of the vehicle. Plug the light lead into the driver side light and run the switch to the firewall wire passthrough located to the right of the brake master cylinder.

8. Select a location on the dash for the switch. A suggested location is outlined in photo 8a. Check for clearance behind the panel and drill a ¾" hole for the switch. To access behind this panel, remove the dash endcap by carefully prying from the bottom of the panel as seen in 8b.

7.



8a.



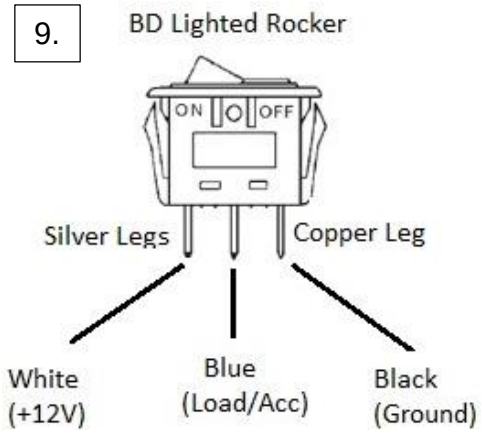
8b.



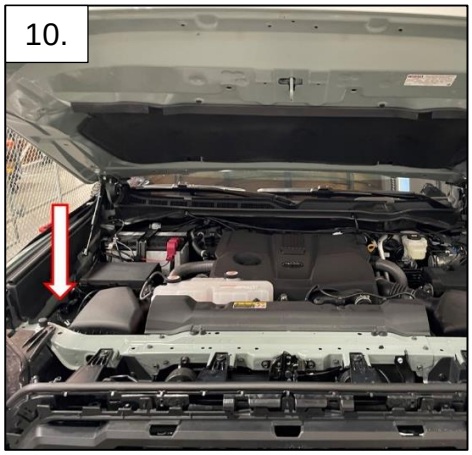
9. Take a reference photo of the switch wiring and remove them. Run the wires through the wire passthrough and switch hole. Plug in the switch wires and install the switch into the hole.

10. Using a 10mm socket, secure the relay to the common ground bolt near the passenger side air box. Tie excess wire length into a service loop.

9.



10.



11. Attach the negative ring terminal to the negative battery wire then reconnect the negative battery wire to the battery. (Hybrid models follow step H5). Test the light to ensure proper functionality and that it is aimed correctly.

11.



*Tie all wires away from sharp, hot, and/or rotating components.

* Re-torque all the fasteners after 100 miles.

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

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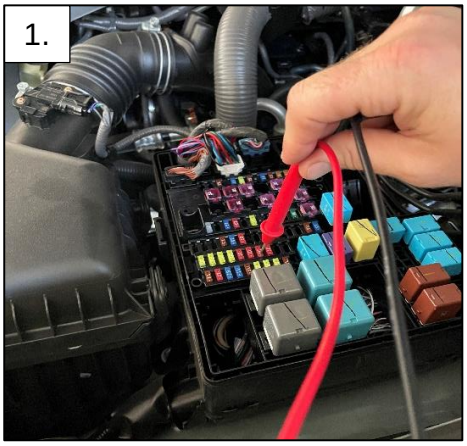
To wire up your backlight

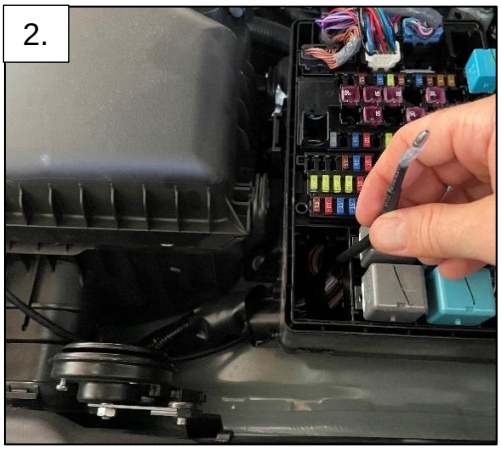
1. Open the passenger side fuse box located near the air cleaner. Find the ignition pin shown in photo 1. (On the fuse map it is a 10-amp fuse labeled IGN.)

2. Remove the 10-amp fuse and insert the fuse tap into the slot. Insert the 10-amp fuse in the open spot in the fuse tap. Run the wires out of the fuse box and replace the cover.

1.



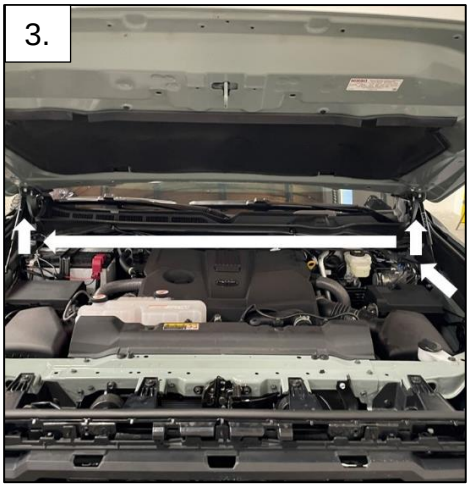
2.



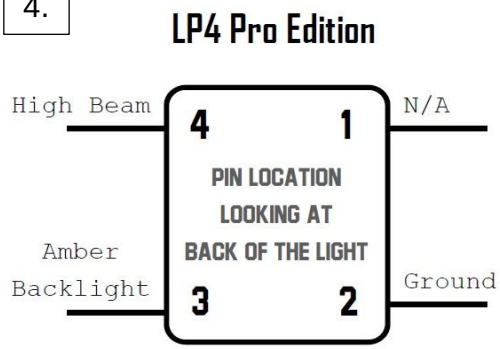
3. Run the shorter of the two wires to the driver side light and the longer wire along the firewall to the passenger side light.

4. Using a flathead screwdriver, remove the green cover on the front of the Deutsch connector of the main harness. Insert the wire into the #3 position until it clicks into place and replace the cover. Repeat for the other light. Tie all excess wire into a service loop.

3.



4.



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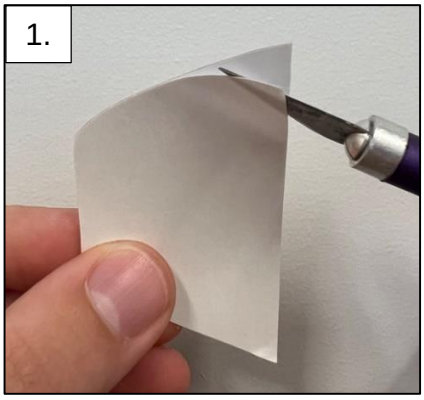
IPT Cover Instructions

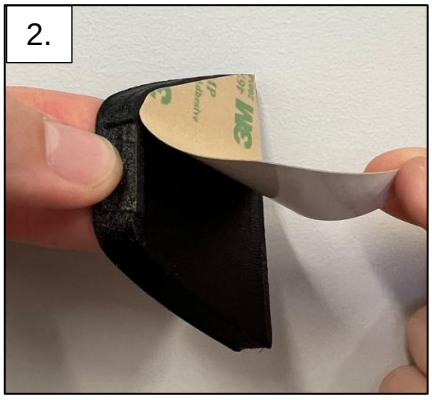
1. Peel back the white side of the sticker.

2. Apply the white side of the sticker to the IPT cover.

1.



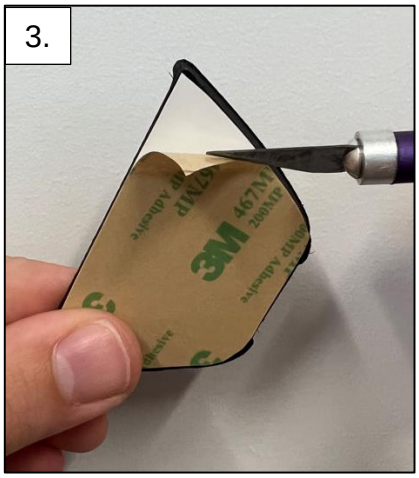
2.



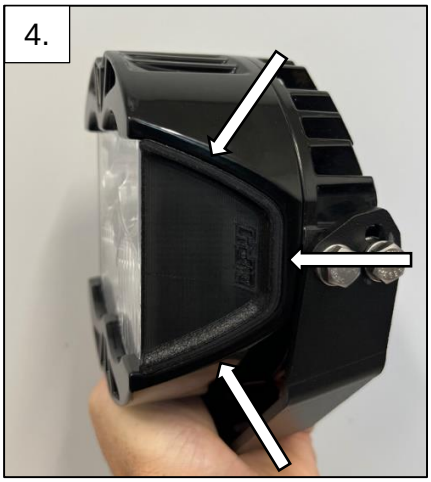
3.Once sticker is applied to the IPT cover, peel back the brown 3M side of the sticker.

4. Before applying the IPT cover to the outside of the lens. Push the IPT cover to the edges of the light housing then apply pressure to the IPT cover to secure the cover to the lens. (this light will be mounted on your passenger side)

3.

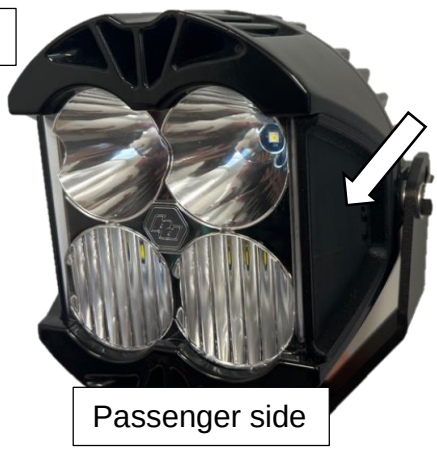


4.



5. Repeat step 1-4 to the LP4 that will be located on the driver side. When applying your IPT covers, be sure to apply your covers as shown in the photo.

5.



Passenger side



Driver side

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Hybrid Instructions

H1. Remove the passenger side fuse panel cover and locate the positive battery wire and post (boxed).

H2. Using a 12mm socket, remove the nut holding down the wire and release the tab to the right of the post. Lift to remove the wire and plastic wire cover.

H1.



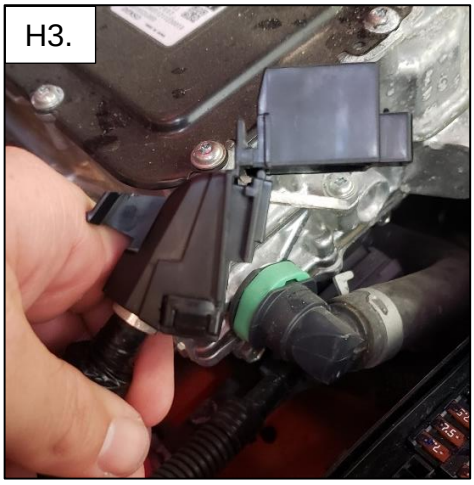
H2.



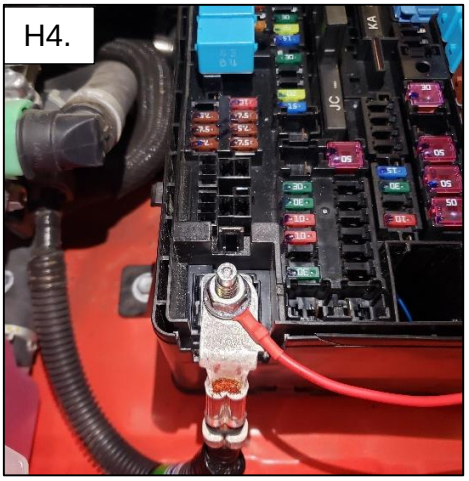
H3. Twist to pull apart the top of the plastic cable cover until it resembles photo H3. Using a flat head screwdriver, release the 2 tabs on the bottom of the plastic wire cover until the two halves separate and remove them from the wire. Discard the piece that the wire terminal runs through.

H4. Replace the battery cable and install the positive (red) ring terminal of the main wiring harness onto the post. Replace the upper battery cable cover, reinstall the 12mm nut and replace the fuse box cover.

H3.



H4.



H5. Using a 10mm socket, remove the common ground bolt that the main harness relay is secured to and install the negative (black) ring terminal. Replace the ground bolt. Plug the light into the wiring harness and test it.

H5.



*Tie all wires away from sharp, hot, and/or rotating components.

* Re-torque all the fasteners after 100 miles.

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