Toyota, Tacoma (12’-23’), 4Runner (10’-24’), Tundra (14’-21’) Squadron 2.0 Fog light kit Instructions

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LIMITED LIFETIME WARRANTY

Baja Designs proudly offers a LIFETIME WARRANTY against manufacturer's defect on all the products that we manufacture.
These are comprehensive warranties; other than the exclusions below – you're covered. If your LED or HID bulb burns out, you're covered. Additionally, cutting off our connector or changing your lenses does not automatically void your warranty.

Exclusions:
Installation errors, abuse, misuse or crash damage. You must be the original owner of the product and can supply proof of purchase.
Baja Designs manufactures its own products as well as resells products manufactured by others. Baja Designs makes no express or implied warranties on products not manufactured by Baja Designs including without limitation any warranties or merchantability and fitness for a purpose. We will, however, pass on all warranties made by the manufacturer, who has sole responsibility for performing such warranties.
Baja Designs will pay the freight if your product is less than 90 days old, otherwise defective products must be returned to Baja Designs, Inc., freight prepaid. At our option, we will repair or replace items in question and return them at no charge. If the identical product is no longer available, we will replace with a similar product of equal value. Baja Designs Inc. will not be responsible for any indirect or consequential damages in connection with defective merchandise.
Items purchased through a Baja Designs authorized dealer must be returned through the dealer. Only available on LED auxiliary lights and product must be in sellable condition at MSRP. Product that has been damaged in any way after the original purchase date will be excluded from this guarantee.

Indemnification:
Buyer hereby acknowledges off-roading, racing and driving at night are dangerous activities and that the products and/or supplies purchased from Baja Designs are used in an inherently dangerous activity that may endanger life and limb; and in no event shall the seller, or seller's heirs and assigns, be held liable for consequential damages, nor shall seller's liability on any claim for damages arising out of or connected with the sale, delivery, or use of purchased products and/or supplies exceed the purchase price of the products and/or supplies.

Buyer is responsible for ensuring that it uses the products (and its vehicle) in accordance with all applicable laws, regulations, guidelines, and standards of care. Buyer acknowledges that some products may only be used when off-roading, and Buyer will comply with all vehicle and road safety guidelines. Buyer is solely responsible for (and will indemnify and hold Bestop harmless for) any claims, losses, damages, fines, fees, costs, or other amounts arising out of Buyer's non-compliance with these provisions.

Toyota, Tacoma/4Runner/Tundra Squadron Fog Light Kit Instructions

Tools Required

- Phillip's Head Screwdriver
- 10mm Socket Wrench
- Test light, or Multimeter
- Trim Tool (Or Flathead Screwdriver)
- 4mm Allen Wrench
- Scissors

Tacoma and 4Runner Only:

(14+) 4Runner Limited instructions on next page

1. To begin, place vehicle into park with the ignition off.

2. With the 10mm socket and trim tool (or flathead screwdriver), remove all the inner fender fasteners at the front of the wheel well to gain access to behind the fog light. Alternatively, you may be able to open the hood and reach behind the headlight to access the inner fog light area. **4Runner** models will have a plastic core support cover. To remove cover, use the flathead or trim tool to unclip and pry out the plastic fasters. (2019 Tacoma shown, years/models vary)

3. Unplug the OEM fog light connector (Arrow). With the Phillip's Head screwdriver, remove the mounting screw/screws (Circle) and place the light aside.

4. With the provided hardware, mount the brackets to the lights using the 4mm Allen wrench. Be sure to place the two nuts in the back of the Squadron 2.0 housing. (Use image for reference).

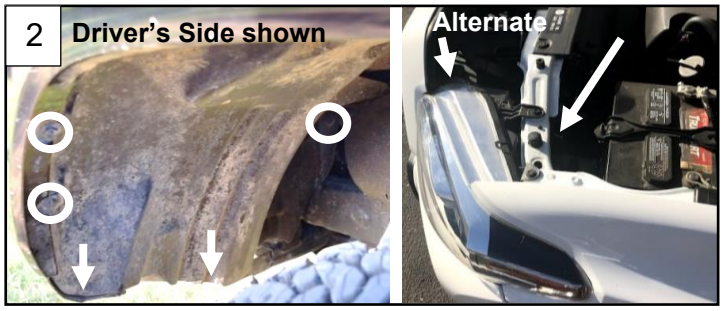
5. Place the light assembly into the fog mounting slots and place the screws into their holes and tighten. OEM vehicle body tolerances can vary. If there is play withing the slots and/or uneven gaps between the OEM plastic bezel and the fog light bezel, adhesive backed rubber pads are included to be placed on the brackets within the slots to create a tailored fit. Use scissors to trim the excess rubber. **(The passenger side of the 4Runner has a splash guard that needs to be removed and left off. Use the flathead/trim tool to pry the piece off the inside of the fog light.)**

6. Locate the fog light plug 'n play adapters. For a moment, turn on the vehicle, headlights, and fog lights. Determine which wire on the OEM fog light connector has (+) voltage and which wire is ground (-).

7. Turn vehicle off. The (+) wire will need to be inserted into the provided plug. The plug can only be installed one way. Ensure that the positive lead from the vehicle aligns to the (4) pin on the (a) connector. Ensure the ground lead from the vehicle aligns with the (2) pin on the (a) connector.

8. Replace the fender well and all associated fasteners. Repeat steps 1 and 2 in reverse to reassemble. Repeat steps 1-8 for the opposite side.

2



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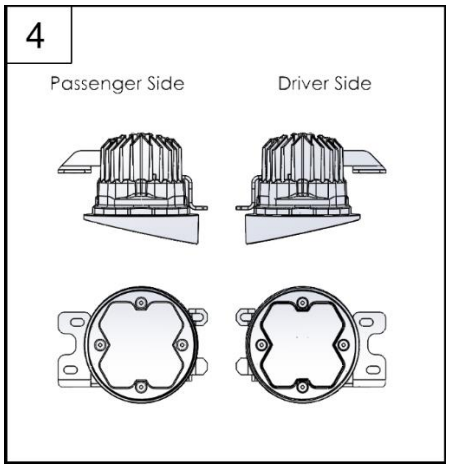

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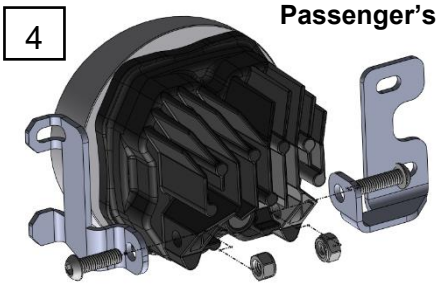
Passenger's Side shown



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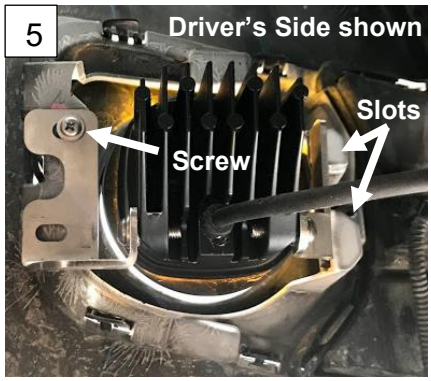

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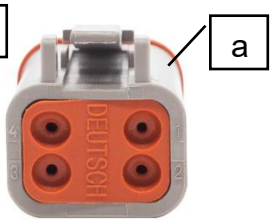


6-7

Harness Adapter

4Runner Limited (14+):

1. To begin, place vehicle into park with the ignition off.

2. With the 10mm socket and trim tool (or flathead screwdriver), remove all the inner fender fasteners at the front of the wheel well to gain access to behind the fog light. (Driver's side shown)

3. Remove the white clip (arrow) and then use the Philip's head screwdriver to remove the screw (circle)

4. Use the trim tool, or flathead screwdriver to pry up and release the plastic fastener's that hold the plastic core support cover. Then pry out each fastener and place core support cover aside.

5. Reach behind the top of the bumper to remove the two remaining white clips that hold the fog light shroud to the bumper. Unplug the fog light connector. With the Phillip's head screwdriver, remove the OEM fog lights.

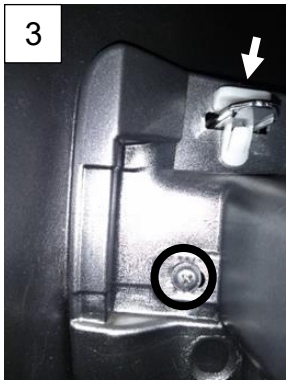
6. With the provided hardware, mount the brackets to the lights using the 4mm Allen wrench. Be sure to place the two nuts in the back of the Squadron 2.0 housing. (Use step 4 image on page 3 for reference).

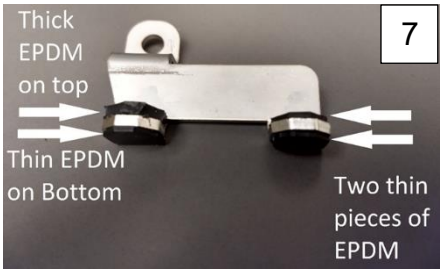
7. Place the light assembly into the fog mounting slots and place the screws into their holes hand tight. Tighten screws. OEM vehicle body tolerances can vary. If there is play withing the slots and/or uneven gaps between the OEM plastic bezel and the fog light bezel, adhesive backed rubber pads are included to be placed on the brackets within the slots to create a tailored fit. Use scissors to trim the excess rubber. **(The passenger side of the 4Runner has a splash guard that needs to be removed and left off. Use the flathead/trim tool to pry the piece off the inside of the fog light.)**

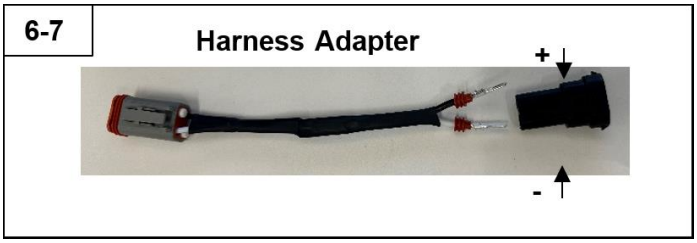
8. Locate the fog light plug 'n play adapters. For a moment, turn on the vehicle, headlights, and fog lights. Determine which wire on the OEM fog light connector has (+) voltage and which wire is ground (-).

9. Turn vehicle off. Remove the wedge lock to insert the terminals. Plug in the wiring adapters. The (+) wire will need to be inserted into the provided plug. Ensure that the positive lead from the vehicle aligns to the (4) pin on the (a) connector. Ensure the ground lead from the vehicle aligns with the (2) pin on the (a) connector. (See image 7 for reference)

10. Replace the fog light shroud, fender well, and all associated fasteners. Repeat steps 1-5 in reverse to reassemble Repeat steps 1-9 for the opposite side.







Tundra Only:

**12mm socket, 7/16" socket, and 7/16" wrench needed in addition to the other tools listed.*

1. To begin, place vehicle into park with the ignition off.

2. With the 10mm socket, 12mm socket, and trim tool (or flathead screwdriver) remove the lower splash guard. Then remove all the inner fender fasteners at the front of the wheel well to gain access to behind the fog light. (Driver's side shown)

3. Unplug the fog light connector. Remove the blue clip that locks the fog light assembly into the bumper. Press the top detent (circled in second image) of the fog light shroud to remove the OEM fog light assembly. Place the included rubber pads in the locations shown.

4. With the Phillip's head screwdriver, remove the OEM fog lights from the shrouds.

5. With the provided hardware, mount the brackets to the lights using the 4mm Allen wrench. Be sure to place the two nuts in the back of the Squadron 2.0 housing. (Use step 4 image on page 3 for reference).

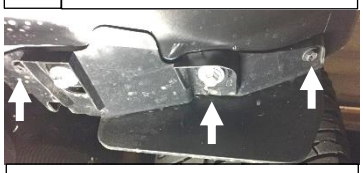
6. Place the light assembly into the fog mounting slots and place the screws into their holes hand tight. Tighten screws. With he provided ¼" hardware, place it onto the fog light bracket as shown in the remaining hole. Place rubber cap over the end of the bolt. Re-install the fog light assembly into the bumper and replace the blue locking clip.

7. Locate the fog light plug 'n play adapters. For a moment, turn on the vehicle, headlights, and fog lights. Determine which wire on the OEM fog light connector has (+) voltage and which wire is ground (-).

8. Turn vehicle off. Remove the wedge lock to insert the terminals. Plug in the wiring adapters. The (+) wire will need to be inserted into the provided plug. Ensure that the positive lead from the vehicle aligns to the (4) pin on the (a) connector. Ensure the ground lead from the vehicle aligns with the (2) pin on the (a) connector. (See image 7 for reference)

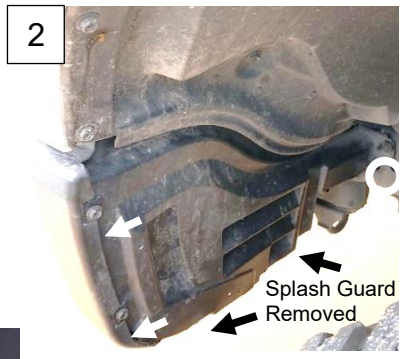
9. Replace the fender well, splash guard, and all associated fasteners. Repeat steps 1 and 2 in reverse to reassemble Repeat steps 2-9 for the opposite side.

2 Splash Guard



*Two bolts on the opposite side not shown

2



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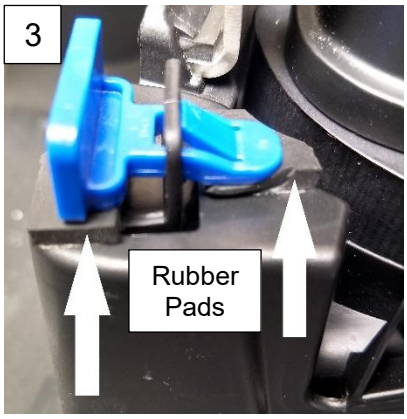

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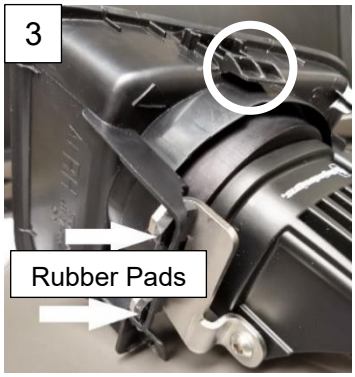

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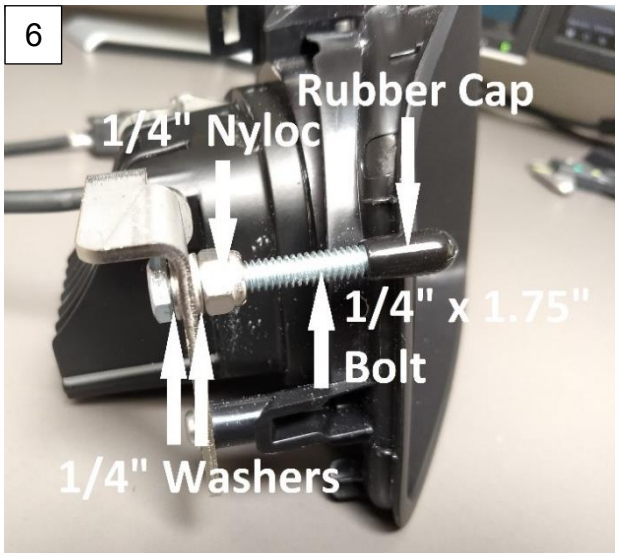


6-7 **Harness Adapter**

Re-torque all the fasteners after 100 miles.

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

Backlight add-on harness instructions for Squadron 2.0

Note: Included with this harness is four fuse taps. In the event that none will work for your application, a splice connector is included (shown on right).

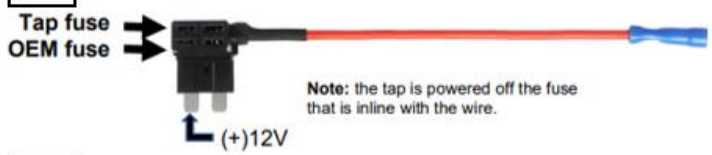
1. Locate the fuse panel in the engine compartment. Remove cover.
2. Observe the inside of the fuse box cover, or the owner's manual to determine fuse locations and functions. The goal is to find a suitable circuit that is powered on when the vehicle is turned on. It is important to choose a fuse location that does not power sensitive electrical components, such as sensors and ignition modules. Choose a fuse that is activated by turning the key and remains active while the vehicle is starting and running. The IGN fuse is highly recommended for this. Using other circuits to run the backlight may result in the color changing when not desired.
3. Once the fuse location has been chosen, the multimeter or test light will be used to determine which side of the fuse is power and which side is the output. Using either tool, touch the positive test lead to one side of the fuse socket and touch the negative lead to the negative battery post, or any convenient ground. With the keys in the off position, neither side of the fuse socket should have power. If they do, another fuse location will need to be chosen.
4. Now, turn the keys to the on position and measure each side of the fuse socket. When the test light illuminates, or the multimeter DC voltage measures 12-14V, the power side of the fuse has been determined. Insert the fuse tap into the socket with the arrowed side blade (shown in image ii) contacting the power side. Plug in the backlight harness to the female bullet receptacle of the fuse tap. If the fuse socket originally had a fuse, place it into the open socket on the fuse tap.
5. Every fuse panel is different and sometimes there are adjacent components that make it difficult or impossible to plug in a fuse tap. In this case, the splice connector will need to be used. Find a wire that is powered when the keys are on. Ideally, this wire would power the daytime running lights and not an electrically sensitive component like a sensor. With the backlight harness inserted into the female bullet receptacle of the splice connector, clasp the splice over the desired power wire and clamp with pliers until an audible click is heard.(See image iii for reference)

Tools Required

- **Trim Tool (Or Flathead Screwdriver)**
- **Scissors**
- **Test Light, or Multimeter**

i

ii



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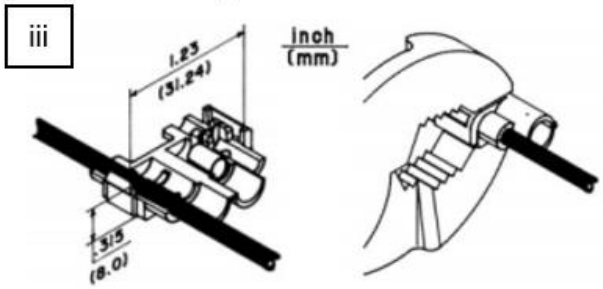
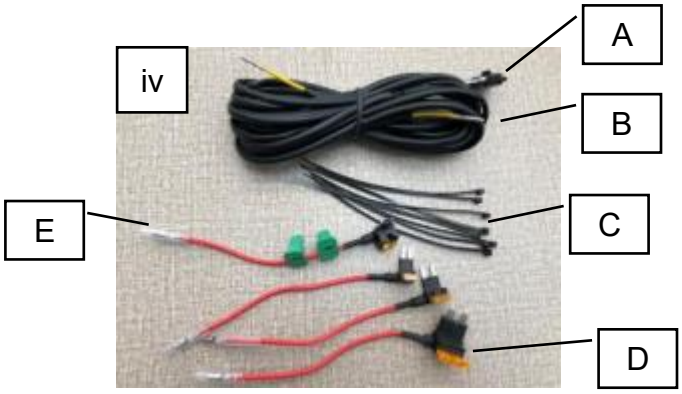
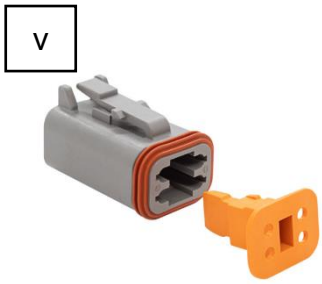


Fuse tap kit part #: 63-9209

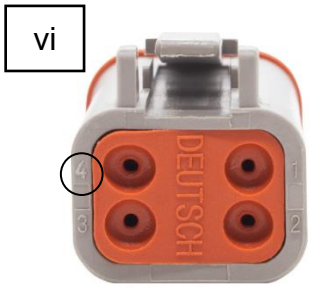
Backlight add-on harness instructions

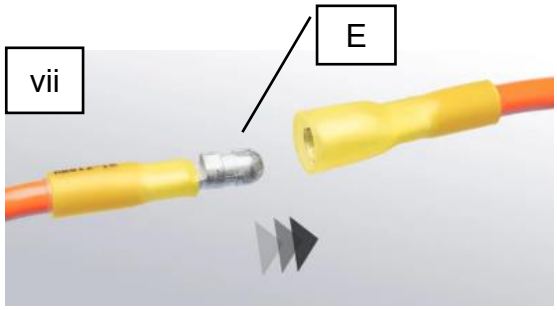
6. Use the provided 5-amp fuse in the fuse tap for the backlight add-on harness (See image ii for reference).
7. Remove the Wedge lock from the plug by using a flat head screwdriver and **gently** prying along the edges with a flathead to release the lock (see image v for reference)
8. Locate the backlight add-on harness supplied in the kit. If a cavity plug was inserted previously in the PnP (Plug-n-Play) adapter, please remove it and insert the terminal inside the (3) pin location. (See image vii for reference)
9. To reinstall the wedge lock, simply push the wedge lock back in until it clicks in. (See image v for reference)
10. Determine the best routing for the backlight add-on harness.
11. Connect the bullet connector from the backlight add-on harness to the fuse tap and secure the wire harness. (Use image iii for reference)
12. Turn on the vehicle and test to see if the backlight function on the Squadron 2.0 works appropriately.
13. Use included zip ties to tie the harness out of the way of any hot and/or rotating components.





A: Splice connector
B: Harness
C: Zip ties
D: Fuse taps
E: Bullet connector





Backlight switch adapter instructions

1. Connect the bullet connectors from the switch inline between the fuse tap and the backlight add-on harness.
2. Turn the switch on and off until the desired color is displayed as the backlight.
3. Once the desired color has been achieved, the switch can be either removed or left in. To remove the switch, turn the vehicle off and remove the switch. Reconnect the bullet connectors between the fuse tap and the backlight add-on harness. To leave the switch in line, secure the switch so it does not move. **Be sure to always leave switch in the "on" position if the switch will be left in.**

viii

Inline switch part #: 60-0071