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THE SCIENTISTS OF LIGHTING

## 2024-On Husqvarna Headlight Kit Instructions

67-7104, 67-7105, 67-7107, 50-7108, 50-7109, 50-7111, 49-7144, 49-7145, 38-7016, 38-7017, 38-7018, 38-7022, 38-7023

**Note: XL 80's are not compatible with TE models.**

**\*Bike must have 200W Stator\***



*\*\*For a color copy of instructions, visit your vehicle specific application on [BajaDesigns.com](http://BajaDesigns.com) \*\**

**To begin, make sure the vehicle is in gear on level ground.**

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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 it 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.**

**Step 1: Remove the 2X (circled) bolts holding the headlight mask onto the bike and lift headlight up and out; freeing the two posts under the headlight (boxed).**

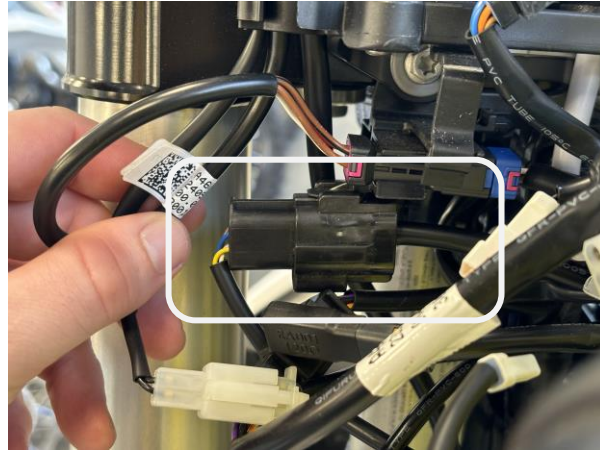
**These 2x bolts will be reused.**



**Step 2: Free the clutch cables from the headlight mask (circled) and carefully disconnect the headlight plug (boxed), ignition switch (arrow), and both turn signals if applicable. Place the mask and headlight on a non-marring work surface to install the new Baja Designs light.**

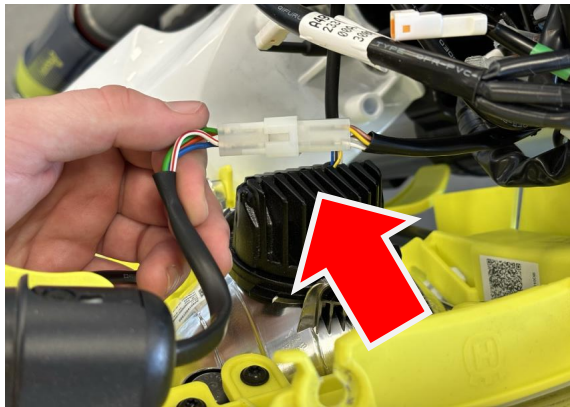


**Clutch Cables**



**Headlight Plug**

**Step 2: Continued**

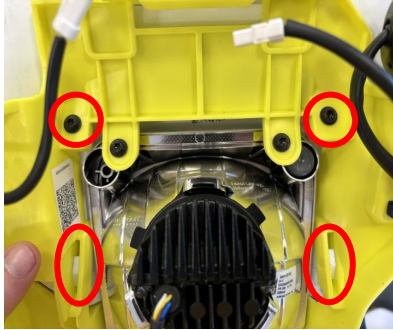


**Ignition Switch**

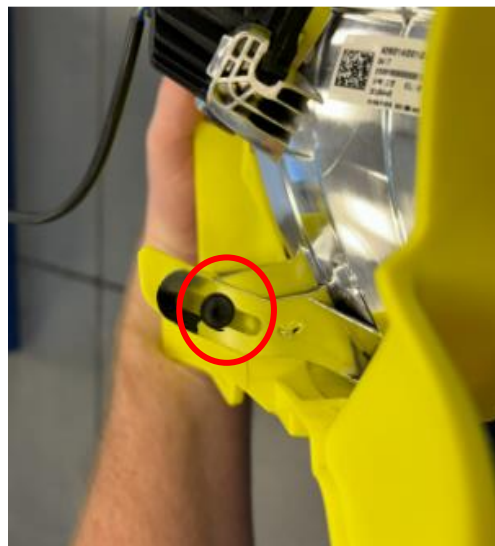
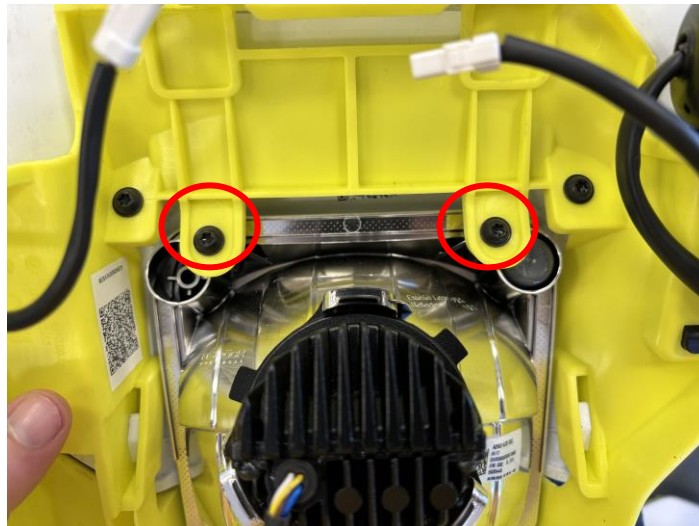


**Turn Signal 2x**

**Step 3: Remove 2x screws (circled) holding the faceplate to the underlying plastic mount. After the screws are removed carefully release the two tabs (oval) below and remove the faceplate. These 2x screws will be reused.**



**Step 4: Remove the stock headlight from the underlying plastic mount by removing 3x screws. The bottom screw will be reused.**



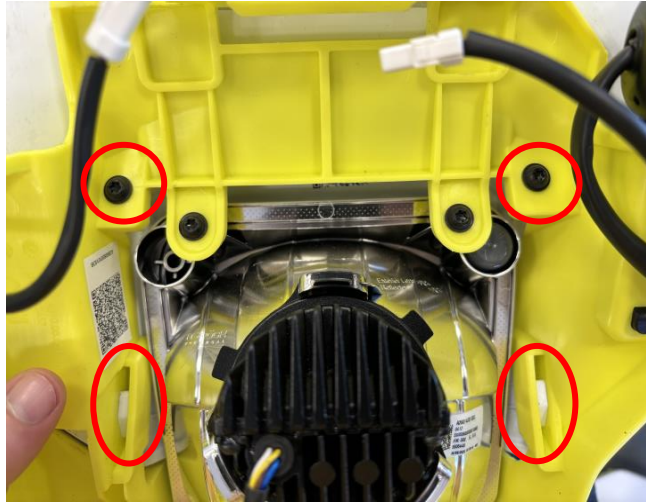
**Step 5:**

**\*\*\*Before proceeding, install desired lens (provided). This can also be done after the light is fully installed on to the motorcycle. \*\*\***

**Install the Baja Designs assembly onto the underlying plastic mount using the socket head bolts & washers at the locations (circled) below. Additionally, install the thread forming screw at the bottom mount (boxed).**



**Step 6: Install the assembled underlying plastic mount to the headlight mask by aligning the bottom two plastic clips (oval) and re-installing the 2X thread forming screws (circled) from step 3.**

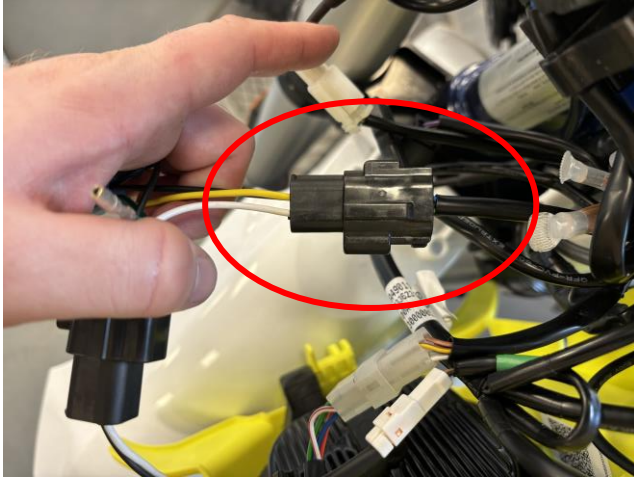


**Step 7: Loosely re-install the headlight mask onto the bike by re-installing the clutch cables into the headlight mask.**



**Step 8: (Hi-Low harness Only)**

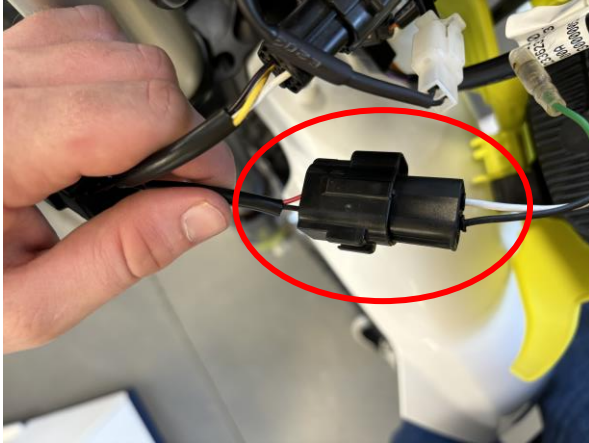
**Install the Hi-low harness between the stock headlight plug and the Baja Designs light. Connect the green wire on the harness to the green wire on the light. Ensure the clear sheathing fully covers the terminals and connection.**





**Step 9: (Dimmer Harness Only)**

**Install the Dimmer harness between the stock headlight plug and the Baja Designs light (circled). Safely tie up the independent green wire from the light using a zip tie (boxed).**



## Step 10: (For Gemini/Dual S1 & Hydra/Triple S1 Kits)

### Gemini/Dual

- For vehicles with OEM Hi-Low Functionality
  - o Use any 2 of the 3 adapter connections
- Hi-low
  - o Use the white connection for low beam (trail lens) (circled) and either of the red connections for high beam (spot lens)



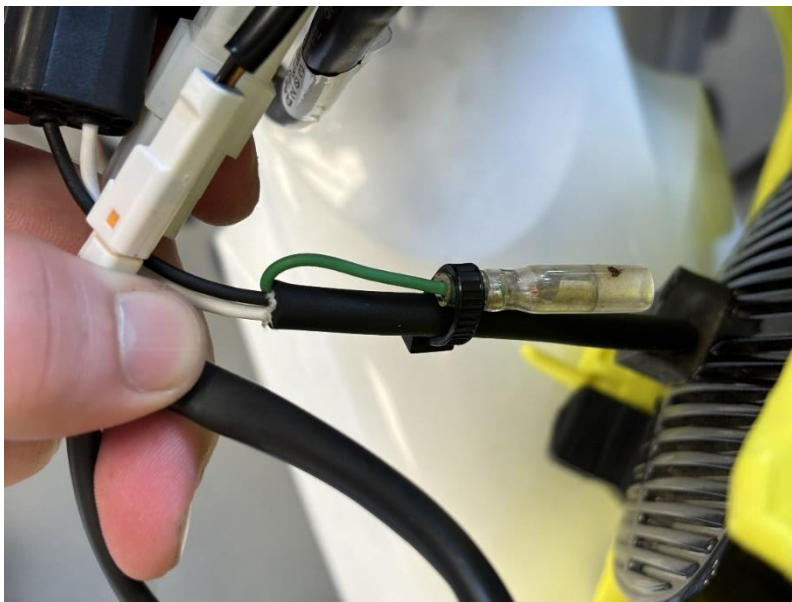
### Hydra/Triple

- On/off
  - o Use all 3 adapter connections
- Hi-Low
  - o Use the white connection for low beam (trail lens) (circled) and both red connections for high beam (spot lens)



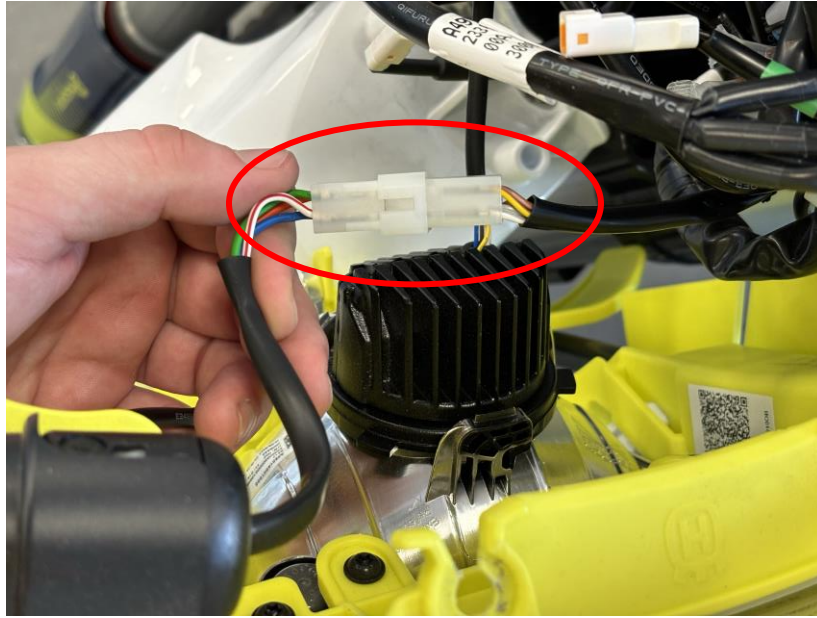
**Step 11: (For On/Off Models)**

**Plug the Baja Designs light into the connector of the bike's wiring harness reserved for the headlight.  
Safely tie up the green wire to the power cord using a zip tie.**



**Test the functionality of the light and secure the wiring away from hot or moving parts using zip ties.  
Note: XL Pro dimming is minimal**

**Step 12: If applicable, reconnect the ignition switch and both turn signals.**



**Ignition switch**

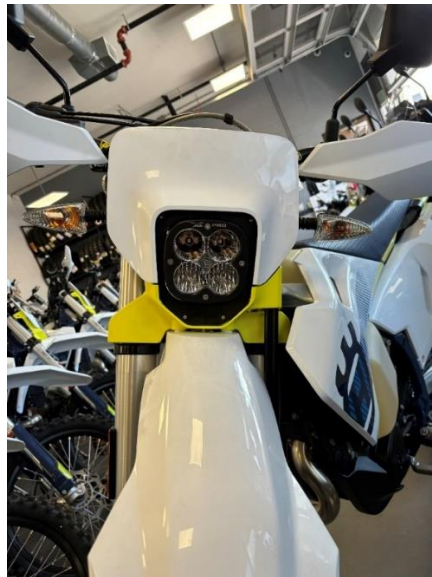


**Turn Signal 2x**

**Step 13: Make sure all wires are tucked away and will not get caught when reinstalling headlight assembly. Fully install the headlight assembly back onto the bike using the screws from step 1.**



**Step 14: Adjust headlight pitch to desired height by pushing on top or bottom of the lights Bezel.**



- \*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.