Squadron (Pro & Sport), LED BMW 800 Light Kit

PN: 49-7013, 55-7013

Installation Manual

LIMITED LIFETIME WARRANTY

Baja Designs proudly offers a LIFETIME WARRANTY against manufacturer's defect on all of 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 be able to supply proof of purchase.

Li-Ion or Li-Po Batteries: carry a 2 year warranty.
NiCad DSK Batteries: carry a 90 day warranty
Dual Sport Kit Switches: carry a 1 year warranty.

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 particular 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.

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.

Customer satisfaction stands at the core of who Baja Designs is as a company. BD gives you a full 30 days to test out your new light and if you are not 100% satisfied with your purchase, you can send it back for an exchange or refund of the purchase price and applicable tax.

Exclusions:

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.

Parts List

2	Squadron (Pro & Sport)
2	BMW F800 Mounting Brackets
1	Wiring Harness
1	Peanut Bracket/Switch (Bent 60 Degrees Pointed To The Left)
2	Splice Connectors
2	M5x35 Reduced Flange Head Bolt
2	M8x35 Reduced Flange Head Bolt
2	1/2 Diameter x 1/4 Long Spacers
2	5/16 Long Aluminum Spacers

Please read this manual prior to installation.

Thank you for purchasing the Baja Designs F800GS Adventure Bike Kit. This kit has been designed to power two Squadron's via an on/off switch which we have included. Our wiring harness also has a bypass which allows you to turn on your high beams without the auxiliary lights coming on.

Kit Notes:

- **This kit is designed specifically for adventure motorcycles equipped with a DC charging system that will sufficiently power lighting while maintaining battery charge (check your motorcycle manual). If you have questions or problems, please contact Baja Designs.**
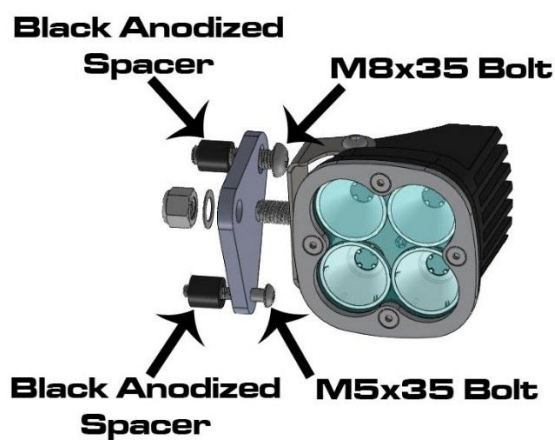
Light/Bracket Installation

Step 1: Start by removing the head screw from the turn signal holder. Next, you will want to take out the flanged head bolt located next to the turn signal fillister head screw.

Step 2: Once those bolts have been removed, locate the mounting brackets, spacer and reduced flange head bolts which have been included in this kit. Once you have located all of those parts, refer to the drawing below for the installation order.

Step 3: Now that the mounting bolts have been installed and tightened you can begin mounting your Squadrons with a 3/8" socket and open-end wrench.

Wiring

When installing the Baja Designs specific wiring harness, make sure you pay close attention to the components around the harness.

Step 1: Unplug the two pin white connector which will separate the main wiring harness with the relay from the leads that go to your battery. Attach the positive (+) and negative (-) terminal wires from our harness to your bikes battery terminals.

Step 2: Route the battery terminal lead harness to the front of your bike so the harness with the relay plugs in behind your stock headlight.
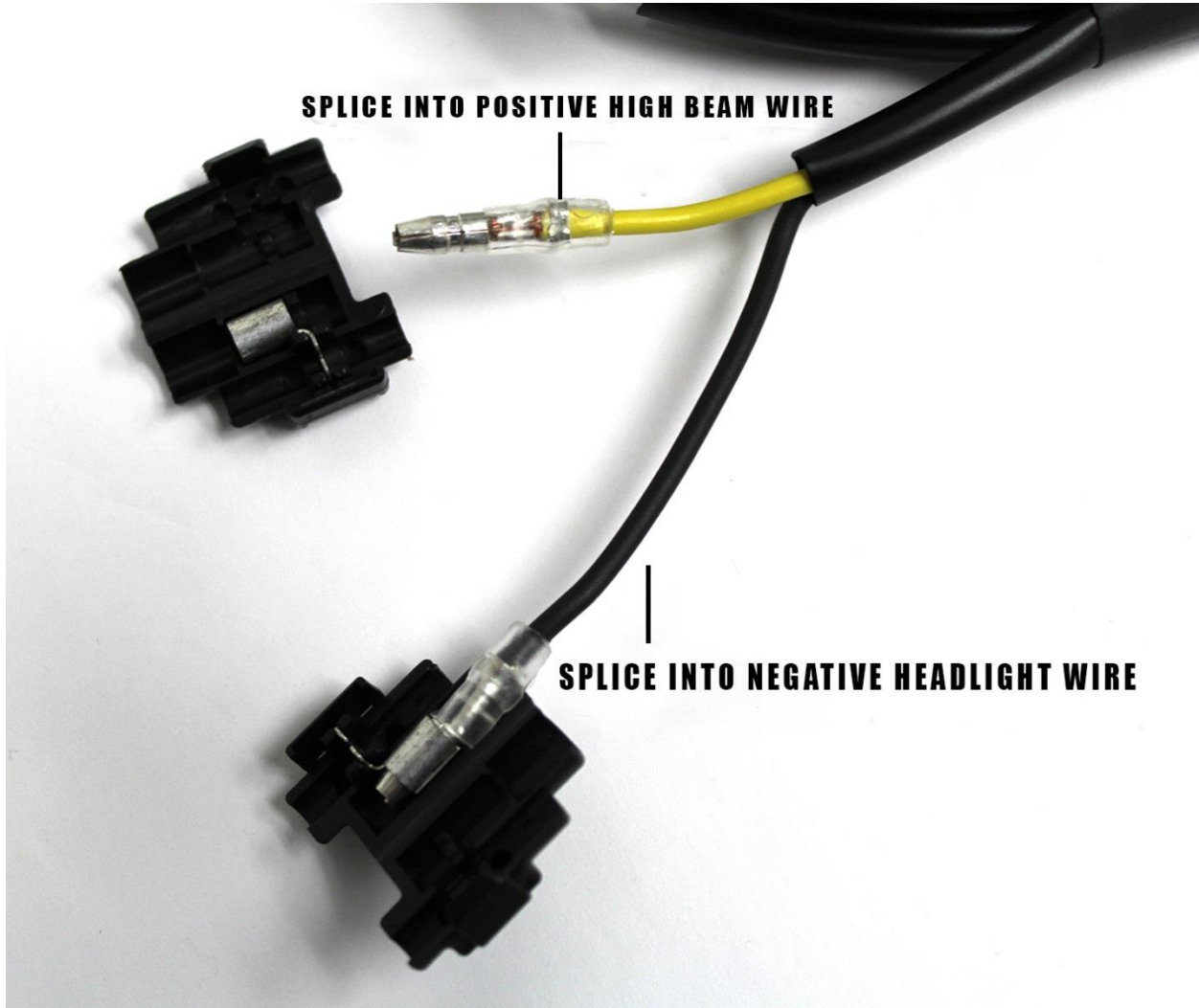
Step 3. Once the battery terminal harness has been safely routed towards the front of your bike, you can begin installing the peanut switch and bracket.

****There are two different options for tuning the lights on and off. Through the stock high beam switch or through the red push button switch provided by Baja Designs. If you chose to wire through the red push button switch, skip to **step 5**.

Step 4.Locate the black and yellow wire coming off of the relay. The black is going to splice into your high beam ground coming off of the stock headlight. The yellow wire will then splice into your high beam power, coming off the stock headlight. This way will allow the lights to come on every time you turn your stock high beam on.

SPLICE INTO POSITIVE HIGH BEAM WIRE

SPLICE INTO NEGATIVE HEADLIGHT WIRE

Step 5. Install the peanut bracket/switch on the left handlebar mirror clamp. Mounting the switch in this
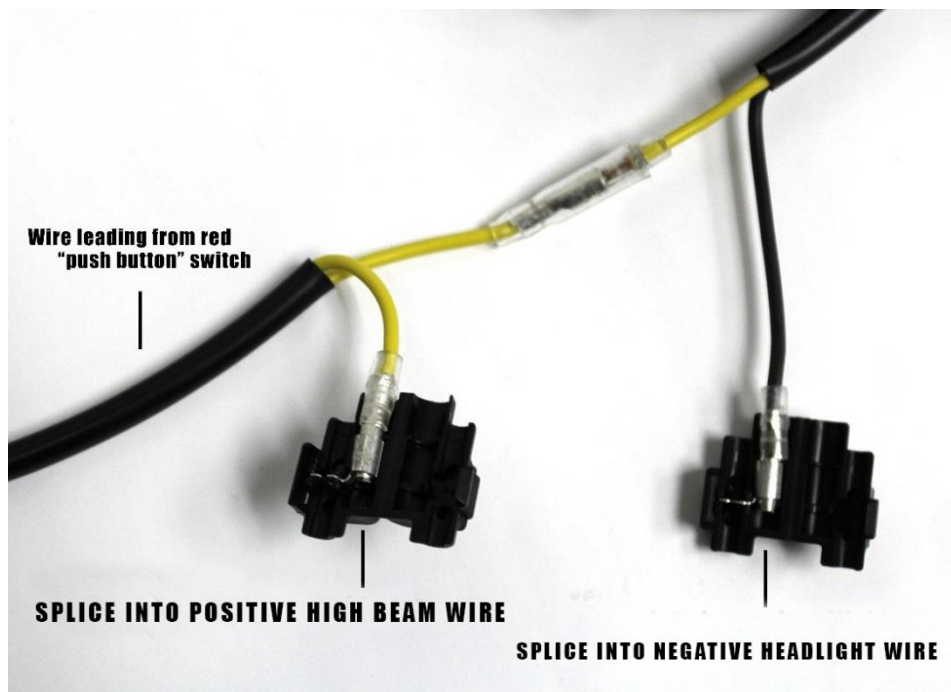
location allows you to easily turn the Baja Designs Lights on without removing your hands from the handlebars. Note: You may have to bend the peanut bracket down ever so slightly once the allen bolt has been secured.

Step 6. Locate the black and yellow wires coming off the relay and the red push button switch with two yellow wires included in the kit. Splice the black wire coming off the relay into the ground wire coming off the headlight. Next, plug the male yellow bullet into the female bullet coming off the red push button. Take the second yellow wire coming off the red push button and splice that into the high beam + wire coming off the stock headlight. This way allows you to use stock high/low beam functionality with the option of your Baja Designs Lights on with your high beam when you push the red push button.

Wire leading from red "push button" switch

SPLICE INTO POSITIVE HIGH BEAM WIRE

SPLICE INTO NEGATIVE HEADLIGHT WIRE

(optional: If you would like to access your LED Lights in low beam or high beam with the red push button switch, splice the yellow coming off the red switch into a key switch constant hot. This will allow you to turn the lights on with the push button switch no matter the stock handlebar switch position.)

Step 7. Now that your harness has been cleanly routed, you can plug in your two auxiliary lights and reconnect the two pin white connector on your main harness.