

Installation Instructions XL Pro, Husqvarna (15-16) (50-7002, 50-7002-AC)



Instructions for 2014-2016 HUSQVARNA

Hardware Installation

This kit comes with extension brackets designed to utilize your stock rubber straps and headlight shell. These extensions allow the XL (Pro & Sport) to clear the CDI box in addition to properly aiming the XL (Pro & Sport) LED light.

1. Start by removing your stock headlight and lens assembly.
2. Install the provided L-bracket using the provided M5 Button Head Socket Cap bolt and 5mm Nyloc nut to the bottom portion of the light, as shown in the picture to right. (If looking at the back of the light, the bracket should be oriented to the 3 O'clock position.)



3. Install the top bolt through the strap-extension bracket using the provided M6x18 Button Head Socket Cap bolt. The bracket should be installed on the exterior of the stock plastic tab.

Use a washer on both sides, hand tighten, and repeat the process on the opposite side.



Note: DO NOT OVER TIGHTEN BOLTS, YOU CAN CRACK THE FACTORY PLASTIC.

4. Using the lower bracket hole as your guide, drill a 1/4-inch hole through the stock plastic tab.
5. Install supplied hardware through the bracket, just as you did in Step 3.

Note: DO NOT OVER TIGHTEN BOLTS.

6. Complete the same process on the opposite side. It should look like the picture to the right once complete.
7. Reinstall the rubber straps through the extension brackets.



8. Install the provided long 6mm Allen head bolts, nylon spacers, washers, and Nyloc nuts as shown to the right.

Complete this process for both upper mounting points.



9. The final step in installing your XL Pro is to attach the bottom of the light to the L-bracket.

For this step, you will utilize your stock headlamp adjustment screw. Note, the orientation of the screw does not matter. Simply insert the screw with a washer on both sides of the plastic ear, and tighten the nut.

It may take a few adjustments to achieve your desired lighting angle, as this will vary depending on rider weight, suspension settings, and personal preference.



The photo below represents a proper installation, less your stock rubber straps.



Wiring Installation

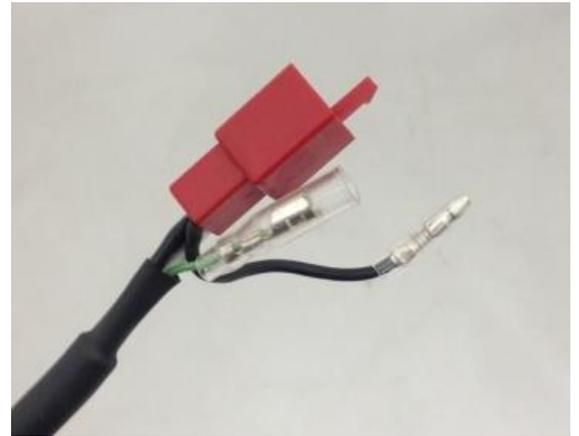
Off-Road Only Models:

Assuming you have had the Baja Designs DC Conversion done, you can now install the wiring harness and handlebar switch. Connect the fuse lead to the positive side of your battery and the black wire to the negative side of your battery. Plug the 2-pin connector into the switch, and the 4-pin connector into the light.

(The **Green** wire is only used in conjunction with our dimmer switch, see next page.)

NOTE: You may have received your new light without the red connector installed on the end of the cord coming out of the light housing. Because this light is used on several Husqvarna models, the pin placement in the connector varies from model to model.

To attach the red connector, simply insert the **black** wire and the **white** wire from the power cord into the connector in the same orientation as the wires on the harness-end provided in this kit. You will hear a distinct click when the pin is properly seated. Lightly tug on the wires to ensure that the pins are locked into place.



Dual Sport Models:

For factory Dual Sport bikes which have had the Baja Designs DC conversion done, you will need to verify the hot and ground-wire-pin position in the factory Husqvarna connector that your stock headlight plugged into. These wires can be identified by their color, **brown** for negative and **blue** for positive.

Once you have verified the pin positions of the Factory harness wires you now can insert the positive (**white**) and negative (**black**) wires from the Baja Designs LED light into the supplied mating Husqvarna connector in the same orientation as the factory harness.

You will hear a distinct click when the pin locks into the connector. Slightly tug on the wires to make sure the pin is seated properly in the connector. You can now plug your LED light into your factory harness. The high beam position on your switch will turn the XL (Pro & Sport) LED light on.

Fuel Injected Models:

For fuel injected bikes, you will need to verify the positive and negative-wire-pin position in the Factory Husqvarna connector that your stock headlight plugged into. These wires can be identified by their color, **brown** for negative and **blue** for positive.

Once you have verified the pin positions of the Factory harness wires you now can insert the positive (**white**) and negative (**black**) wires from the Baja Designs LED light into the supplied mating Husqvarna connector in the same orientation as your factory harness. You will hear a distinct click when the pin locks into the connector. Slightly tug on the wires to make sure the pin is seated properly in the connector. You can now plug your LED light into your factory harness. The high beam position on your switch will turn the XL (Pro & Sport) LED light on.

Additional Accessories

Baja Designs part # 660061 will enable you to dim the output of your light to 20-percent with the push of a button.



Baja Designs' **uService** technology enables you to change out your own lenses to for a different color or lighting pattern to suit your needs (i.e. **Baja Designs part # 660115**)

If you would like the ability to program the lighting output for varying riding conditions, you can purchase separately, a Skene Motorcycle Dimmer - **Baja Designs part # 660088**



If you would like to regain some real estate on your handlebars, we offer a slimline handlebar switch - **Baja Designs part # 129027 – KTM/Husqvarna**

For extending the performance, safety, and looks to every aspect of your bike, we offer LED turn signals – **Baja Designs part # 604199**



For the pinnacle in off-road motorcycle lighting, we have the XL80 Race mount. Not only does this double the lighting output of your bike, it enables you to run two different lenses for optimum pattern customization. The best part about this, is your Husqvarna was built with a stator powerful enough to run both lights, no stator-rewind necessary!
Baja Designs part # 500011