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**KTM 690 LED Light Kit (2019+)
XL (40)
P/N: {82-0005}**



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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.

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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.



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Instructions for 2019+ KTM 690 models

Tools Required:

- T30 Torx bit
- T25 Torx bit
- T20 Torx bit
- 8mm socket wrench
- 4mm & 3mm Allen wrenches

1. To begin, with the T30 torx bit, remove the four bolts that hold the headlight mask onto the bike. The two right side bolt locations are circled below.



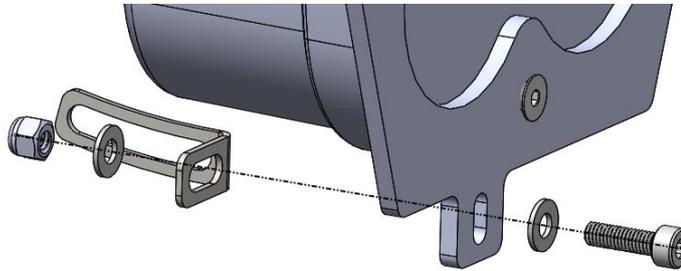
2. Remove the mask from the bike and carefully disconnect the headlight plug. Place the mask and headlight on a non marking work surface to install the XL light.
3. With the T20 Torx bit, remove the two upper headlight bolts arrowed below.



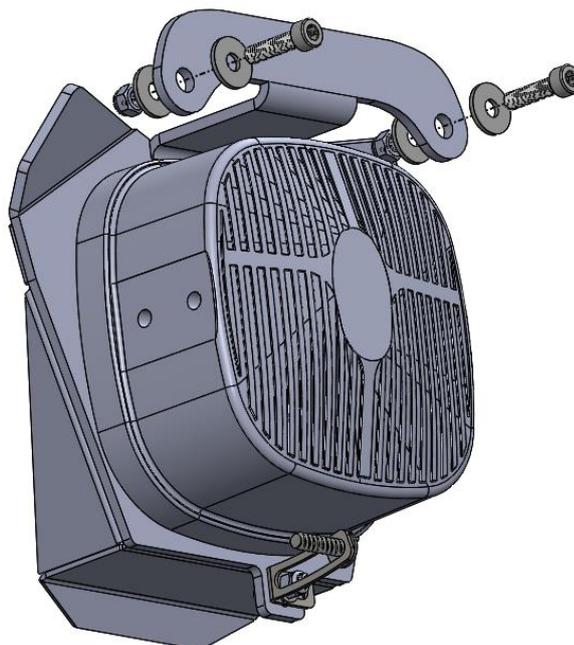


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4. Now, remove the headlight tilt adjustment screw at the bottom of the headlight assembly with the T25 Torx bit.
5. Carefully remove the OEM KTM headlight. The light will need to rotate and be removed from the front of the mask. Take special care not to damage the plastic upper headlight mounting flanges.
6. Find the provided tilt adjustment bracket, 3mm socket head screw, two 4mm washers, and nylock nut. Assemble and lightly tighten the adjustment bracket onto the faceplate as shown below. (Part of the faceplate is hidden to show detail)



7. Place the XL headlight and faceplate into the OEM KTM mask. Locate the two 4mm Allen head bolts, four washers, and two Nylock nuts. Thread the bolts through the washers, faceplate, headlight mask, washers and nuts as shown in the exploded view below. The faceplate upper mounts will be on top of the plastic mounting flanges of the mask when viewing the assembly from behind.





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8. Using the T25 Torx bit, place the provided tilt adjustment screw through the bracket as shown below. Lightly tighten the screw. Adjustments will require removal of the headlight mask.



9. In order to gain full downward adjustability, you must trim down the headlight shell as shown in the photo below.



10. Now, it is time to connect the XL light to the OEM KTM wiring. Find the supplied dimmer harness. Remove the plastic connector that has no terminals inserted into it. The loose black, yellow, and white terminals will need to be inserted into the empty connector. Reference the motorcycle side wiring and the table below for proper orientation. Because KTM wire colors change often, use a multimeter to confirm which wires on the OEM KTM headlight harness are low beam, high beam, and ground. Observe the shape of the openings in the plug to align and insert the terminals. Connect the hi/low harness to the XL headlight and bike side plug. Place the headlight/mask assembly back onto the motorcycle. Replace the four bolts from step one with the T30 Torx bit.

Bike side wiring	XL Light side wiring
- Brown = Ground (-)	- Black = Ground (-)
- Blue = High Beam	- White = High Beam
- Green = Low Beam	- Green = Ground to dim (-)
- White = Running Light (not used)	

**** Note: (The light will always be on, high or low).**

Re-torque all the fasteners after 100 miles.



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