



KTM950/990 Penetrator LED light bar Instructions



Thank you for purchasing the Cyclops KTM 950/990 LED light bar. The install is fairly straight forward, but should be performed by a qualified motorcycle mechanic.

Start by removing the panels from both sides of the bike and the headlight. Next, remove the factory grill where the light will sit. Cut the center of the factory grill as shown in photo one or leave the grill completely off. Modifying the grill, shown in the photos will provide a better looking bike and overall better satisfaction with the kit.

Start by using the two half pipe mounts to attach the light bar to the 990 bracket, center the light bar on the mount as closely as possible. Do not tighten these bolts all the way just yet.



Next mount the steel bracket using the existing grill attachment holes and provided 6mm bolts and washers. If using a modified grill, stretch the grill over the mount at this time. The plastic grill will be on the outside of the 990 mount. Do not tighten anything quite yet. Run all 4 6mm bolts approx. ½ way in.



Once satisfied with the fit tighten up the 4 side bolts being careful not to smash the plastic grill attachment points.

Wiring up the light bar, different options

1. Have light bar operate only when the headlight is on high beam via the factory high beam switch
2. Have your light bar operate in low and high beam via the dimmer setup (follow the separate dimming instructions)
3. Use a separate switch to operate the light bar. For this setup simply install a switch between the wire that says headlight high beam and a switched power source

To use your factory high beam switch run the red wire with the fuse to the battery. Mount the relay inside of the headlight support structure out of the way of the headlight structure. At Cyclops we prefer to zip tie the relay to the round headlight aluminum frame members.

Use one of the headlight frame mounting bolts to attach the black wire with the ring terminal. Make sure this connection is clean and free of any oil grease ect.

Next, use the provided positap to attach the black wire labeled “to high beam power” to the high beam power wire. The wire should be green.

At this point when you turn on the key and hit high beam the LED light bar should come on.

Aim the light to your desired position.

Tighten down the two main mount bolts and the larger side bolts on each end of the light bar.

Reinstall your side panels and headlight.

Enjoy your new Cyclops light bar!

Thank you!

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