



2008-2013 KTM SQUADRONXL INSTALLATION MANUAL
Part # 50-0009

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Dual-Sport Kit: Installation of a Baja Designs Dual-Sport Kit by itself does not make an off-road motorcycle street legal. Each state has different equipment requirements for street legal motorcycles, including but not limited to such items as DOT approved tires, left and right side mirrors, speedometers, quiet exhaust, chain guards, and side reflectors. Contact your state's Department of Motor Vehicles or highway patrol for a comprehensive list of equipment that is required for street motorcycles before riding your bike on the street.

Street Riding: Riding a motorcycle on the street is very different than off-road riding and requires special skills not learned off-road. Most states require an additional license beyond an automobile driver's license to operate a motorcycle on the street. Make sure to have the proper licensing and skills before riding your bike on the street. Baja Designs recommends contacting the Motorcycle Safety Foundation (800 446 9227) for a rider course near you.



Parts List

QTY:	Description
1	SquadronXL (Driving/Combo) LED Light
1	SquadronXL 2008-2013 KTM Faceplate
1	Squadron 2008-2013 KTM Adjuster Bracket
2	Squadron 2008-2013 KTM Nylon Spacer
1	Connector, 1/8" Coupler, 4 Pin Male, Red
2	Hardware, 6mm Flat Washer
2	Hardware, M6x18mm Steel Washer
1	Hardware, Button Head Socket Cap Screw M5
1	Hardware, 5mm Nyloc Nut
2	Spacer .750x.250, Black
1	Headlight Shell, Polisport Extensions (Kit)

These instructions will cover KTM year models 2008-2013.

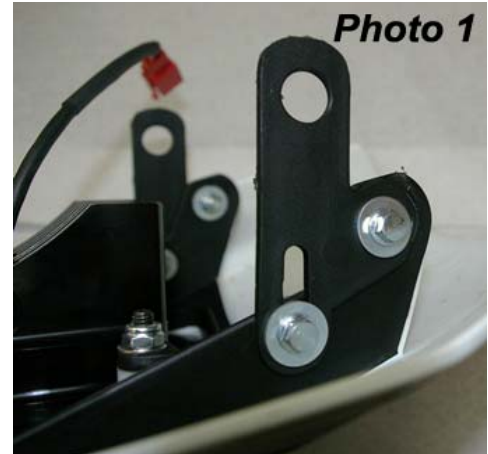
The SquadronXL M/C Light operates on DC voltage and draws 3.2 amps at 12.5 volts. Most electric start off-road motorcycles have an AC/DC charging system that only provides a minimal amount of DC power to the battery. For **2008-2011** year models, you will need to convert your stock charging system to run 100% DC. This can be accomplished by either floating the ground on your OEM stator or by having your OEM stator rewound. Regardless of which option you choose you will also need to replace your stock AC/DC regulator/rectifier with Baja Designs part #12-2004. If you have any questions about these modifications please feel free to give us a call (800)422-5292. For **2012** EFI bikes, you won't have to modify any of your KTM's electrical system. **If you try to run this light off the battery with the stock AC/DC charging system, you will discharge the battery.**

Our SquadronXL LED lighting kit will replace your lens assembly in the **factory headlight shell**. The SquadronXL LED light is **not** DOT approved.

2008-2013:

1. Start by removing your stock headlight and lens assembly. This kit comes with headlight extension brackets designed to utilize your stock rubber straps. These extensions allow the Squadron to clear the CDI box in addition to properly aiming the Squadron LED light.

2. Start off by drilling a ¼" hole in your headlight shell for the extension brackets as shown in (Photo 1). Using the 6mm hardware provided in the polisport extension kit install the extension brackets onto your stock shell. Once the extension brackets have been mounted, install your rubber straps to the provided extensions.



3. The next step is optional and may not need to be done to your KTM however we have found that some customers wanted more adjustability for their headlight. Using a dremel tool with a cut-off wheel remove part of the plastic boss at the bottom of your headlight shell (Photo 2 & 3).



4. Install the adjuster bracket onto the back of the SquadronXL plate as shown in (Photos 4 & 5).



5. Now install the provided black 6mm allen head bolts, nylon spacers, washers, and lock nuts as shown in (Photo 6). You will re-use your stock adjuster screw although it will now be on the opposite side of the plastic boss.



Wiring:

Off-Road Only Models: For all other bikes that 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. Route the harness along the back bone to the front of the bike. Plug the 2 pin connector into the switch and the 3 pin connector into the light.

Dual Sport Models: For Factory Dual Sport Kit bikes that have had the Baja Designs DC conversion done along with the 2012 fuel injected bikes, you can simply plug the light into the stock headlight connector. The high beam position on your switch will turn the SquadronXL LED light on.

Fuel Injected Models: For fuel injected bikes, you can simply plug the light into the stock headlight connector. The high beam position on your switch will turn the SquadronXL LED light on.



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