

# Solara Moto Gear Auxiliary LED Lighting Kit Documentation

## Bike Compatibility & Fitment

The Solara Moto Gear Auxiliary LED Lighting Kit is engineered to be compatible with a broad range of motorcycles, ensuring enhanced visibility and safety during your rides. This kit is particularly suitable for popular models such as the BMW R1250GS, Honda Africa Twin, Honda NT1100, and Yamaha FJR1300. Each component of the lighting kit has been meticulously designed to integrate seamlessly with the existing wiring systems of these motorcycles, providing a hassle-free installation experience. Our universal fitment approach ensures that the kit can be easily adapted to other motorcycle models, maintaining Solara Moto's commitment to versatility and rider safety.

## Technical Specs & Load Limits

The Auxiliary LED Lighting Kit features robust technical specifications that cater to the needs of adventure riders. The high-intensity LED lights offer a dual mode of operation, providing both high beam and low beam options to suit different riding conditions. The power source is adaptable, allowing for a battery-powered setup or a direct wire connection to the motorcycle's electrical system. Installation is straightforward, with an estimated time of 20 minutes, enabling riders to quickly upgrade their motorcycles for improved visibility. The kit's universal compatibility underscores its practicality for a diverse range of motorcycle models.

## Step-by-Step Installation

Installing the Solara Moto Gear Auxiliary LED Lighting Kit is a simple process that requires basic tools such as a screwdriver and a set of Allen wrenches. Begin by locating the appropriate mounting points on your motorcycle, as specified in the included fitment guide. Secure the LED lights using the provided bolts, ensuring that each is tightened to the recommended torque rating of 5Nm to prevent loosening during rides. Connect the wiring as per the detailed schematic diagram, taking care to route the wires away from moving parts and heat sources. Finally, test the lights to verify functionality before hitting the road.

## Weatherproofing & Maintenance

Solara Moto Gear's commitment to durability is reflected in the weatherproof design of the Auxiliary LED Lighting Kit. The lights are sealed with IP67-rated gaskets, offering superior protection against dust and water ingress. Regular maintenance involves inspecting the seals for signs of wear and cleaning the aluminum finish with a mild detergent to maintain its appearance. Additionally, lubricate the lock cylinders periodically to ensure smooth operation and prevent corrosion. These simple maintenance steps will keep your lighting kit in optimal condition for years of adventure-ready use.

## Safety & Latch Operation

The safety of our riders is paramount, which is why the Auxiliary LED Lighting Kit is equipped with

keyed-alike quick-release mechanisms for secure attachment and easy removal. The locking system prevents unauthorized access to the lighting components, while the intuitive latch operation allows for quick adjustments on the go. Riders can trust in the reliability of these mechanisms, knowing that their lighting kit is firmly secured, even in the most demanding riding conditions.