

Solara Weatherproof Liner and Lock System Documentation

Bike Compatibility & Fitment

The Solara Weatherproof Liner and Lock System is designed to seamlessly integrate with Solara panniers, offering enhanced protection and security for your motorcycle luggage. Engineered with adventure in mind, this system is compatible with a range of motorcycle models, ensuring a perfect fit and maximum utility.

Compatible Models:

- **BMW R1250GS**: Ensures snug fitment with factory mounting points.
- **Honda Africa Twin**: Custom inserts for optimal alignment.
- **Honda NT1100**: Streamlined integration with existing pannier frames.
- **Yamaha FJR1300**: Tailored to accommodate the bike's aerodynamics.

Technical Specs & Load Limits

Crafted from reinforced polymer, the Weatherproof Liner and Lock System is built to withstand the rigors of off-road adventures. This system is not only robust but also provides ample space for your gear.

Technical Specifications:

- **Material**: Reinforced Polymer
- **Capacity**: 50 liters
- **Weatherproofing**: IP65 Rated, ensuring protection from dust and water.
- **Weight Limit**: 10kg max per pannier
- **Volume Capacity**: 50L to accommodate extensive storage needs.
- **Speed Rating**: Safe for travel up to 130 km/h, maintaining stability and security.

Step-by-Step Installation

Installing the Solara Weatherproof Liner and Lock System is a straightforward process, designed for ease and efficiency.

Required Tools:

- Allen Wrench Set
- Torque Wrench
- Screwdriver Set

Installation Steps:

1. **Prepare the Pannier**: Open the pannier and ensure it is empty and clean.
2. **Insert Liner**: Align the liner within the pannier, making sure it fits snugly against the walls.
3. **Secure the Liner**: Using the included fasteners, secure the liner to the pannier. Torque bolts to 5 Nm.
4. **Lock System Installation**: Insert the lock cylinder into the designated slot, ensuring it clicks into place.

5. ****Final Check****: Close the pannier and test the lock system for proper operation.

Weatherproofing & Maintenance

Maintaining the integrity and performance of your Weatherproof Liner and Lock System is crucial for ensuring long-lasting service.

Weatherproofing:

- ****Gasket Sealing****: Regularly check the IP67 gasket for signs of wear or damage. Replace if necessary.

Maintenance:

- ****Cleaning****: Wipe the aluminum finish with a damp cloth and mild detergent to prevent corrosion and maintain appearance.
- ****Lock Cylinder Lubrication****: Apply a light coat of silicone-based lubricant to the lock mechanism monthly to ensure smooth operation.

Safety & Latch Operation

The safety and convenience of the Solara Weatherproof Liner and Lock System are paramount. The keyed-alike quick-release mechanics ensure easy access and secure closure.

Safety Features:

- ****Keyed-Alike System****: One key operation for all locks, simplifying security management.
- ****Quick-Release Mechanism****: Allows for swift pannier removal and installation.
- ****Locking Mechanisms****: Engineered for durability, the locks resist tampering and provide peace of mind during travel.

Latch Operation:

- Ensure that the latch closes firmly without excessive force.
- Double-check lock engagement by pulling gently on the lid after locking.