

## SW-Motech GPT.06.541.15000

# SW-MOTECH ALU-RACK Motorcycle Luggage Rack Instruction Manual

Model: GPT.06.541.15000/B

## 1. INTRODUCTION

Welcome to the SW-MOTECH ALU-RACK instruction manual. This document provides essential information for the safe and correct installation, operation, and maintenance of your new motorcycle luggage rack. Please read these instructions thoroughly before beginning installation or use to ensure proper function and safety.

## 2. SAFETY INFORMATION

Your safety is paramount. Improper installation or use of this product can lead to serious injury or damage. Always adhere to the following safety guidelines:

- **Professional Installation:** If you are unsure about any step, seek assistance from a qualified motorcycle mechanic.
- **Torque Specifications:** Always tighten all fasteners to the torque specifications provided in your motorcycle's service manual or the specific SW-MOTECH installation guide for your bike model.
- **Load Limits:** Do not exceed the maximum load capacity specified for your motorcycle or the ALU-RACK. Overloading can affect handling and stability.
- **Regular Checks:** Periodically check all mounting bolts and connections for tightness, especially after the first 50 miles (80 km) of riding and before long trips.
- **Weight Distribution:** Distribute luggage weight evenly and keep the center of gravity as low as possible to maintain motorcycle stability.
- **Road Conditions:** Adjust your riding style to account for the added weight and altered aerodynamics when carrying luggage.

## 3. PACKAGE CONTENTS

Before proceeding with installation, please verify that all components listed below and shown in the image are present and undamaged. If any parts are missing or damaged, contact your SW-MOTECH dealer immediately.



Image: All components of the SW-MOTECH ALU-RACK system. This includes the two main black metal rack frames, two flat black metal mounting plates, and an assortment of silver and black bolts, washers, and black rubber grommets for secure attachment.

- Main ALU-RACK frame components (2 pieces)
- Motorcycle-specific mounting plates (2 pieces)
- Assorted bolts, washers, and nuts
- Rubber grommets and spacers
- Installation hardware kit

## 4. INSTALLATION INSTRUCTIONS

The following steps provide a general overview of the installation process. For detailed, vehicle-specific instructions, always refer to the dedicated SW-MOTECH mounting guide for your motorcycle model, which may include specific torque values and component orientations.

1. **Prepare the Motorcycle:** Ensure the motorcycle is on a stable surface, preferably a center stand or paddock stand. Allow the exhaust system to cool down if recently ridden.
2. **Remove Existing Components (if necessary):** Depending on your motorcycle model, you may need to remove the passenger seat, grab handles, or other components to access the mounting points.
3. **Identify Mounting Points:** Locate the designated mounting points on your motorcycle's subframe, typically near the passenger footpeg mounts and under the rear seat or fender.
4. **Attach Mounting Plates:** Secure the motorcycle-specific mounting plates to the frame using the provided hardware. Do not fully tighten bolts at this stage.
5. **Position the ALU-RACK Frame:** Carefully place the main ALU-RACK frame components onto the attached mounting plates and align them with any additional attachment points on the motorcycle.
6. **Secure the Rack:** Use the remaining hardware to connect the ALU-RACK frame to the mounting plates and any other designated points.
7. **Final Tightening:** Once all components are correctly aligned and loosely fitted, progressively tighten all bolts to the recommended torque specifications. Start from the center and work outwards.
8. **Final Check:** Verify that the rack is securely mounted and does not interfere with any motorcycle components (e.g., exhaust, suspension, turn signals) or rider/passenger movement.

### Important Notes:

- Apply a medium-strength thread locker (e.g., Loctite 243) to all bolts to prevent loosening due to

vibration.

- Ensure no wires or cables are pinched during installation.
- After the first ride, re-check all fasteners for tightness.

## 5. OPERATING THE ALU-RACK

The SW-MOTECH ALU-RACK provides a stable platform for carrying various types of luggage, including top cases, soft bags, and other cargo. Its design allows for quick attachment and removal of compatible luggage systems.

### Attaching Luggage:

- **Top Cases:** For SW-MOTECH top cases, follow the specific instructions provided with your top case for mounting to the ALU-RACK.
- **Soft Bags/Roll Bags:** Use appropriate straps or bungee cords to securely fasten soft luggage to the rack. Ensure straps do not interfere with moving parts or block lights.
- **Weight Distribution:** Always place heavier items at the bottom and center of your luggage to maintain optimal balance and handling characteristics of the motorcycle.

### Load Capacity:

Adhere strictly to the maximum permissible load for the ALU-RACK and your motorcycle. Exceeding these limits can compromise safety and damage the product or motorcycle. Refer to your motorcycle's owner's manual for its specific load limits.

## 6. MAINTENANCE

Regular maintenance will ensure the longevity and safe operation of your ALU-RACK:

- **Cleaning:** Clean the rack regularly with mild soap and water. Avoid abrasive cleaners or solvents that could damage the finish.
- **Fastener Checks:** Periodically inspect all mounting bolts and connections for tightness. Re-tighten as necessary.
- **Damage Inspection:** Check the rack for any signs of damage, cracks, or corrosion. Replace any damaged components immediately.

## 7. TROUBLESHOOTING

If you encounter issues with your ALU-RACK, consider the following common troubleshooting steps:

- **Rack Feels Loose:** Check all mounting bolts for proper tightness. Ensure no hardware is missing.
- **Unusual Noises:** Inspect for any loose components or contact points between the rack and the motorcycle frame. Ensure all rubber spacers are correctly installed.
- **Difficulty Attaching Luggage:** Verify that the luggage system is compatible with the ALU-RACK and that all mounting adapters are correctly installed.

If problems persist, consult your SW-MOTECH dealer or a qualified mechanic.

## 8. SPECIFICATIONS





- **Brand:** SW-Motech
- **Model Number:** GPT.06.541.15000/B

- **Material:** Aluminum
- **Item Weight:** Approximately 11.42 pounds (5.18 kg)
- **Product Dimensions:** Approximately 35.83 x 12.99 x 2.76 inches (91 x 33 x 7 cm)
- **Color:** Black

9. WARRANTY AND SUPPORT

SW-MOTECH products are manufactured to high-quality standards. For information regarding warranty coverage, claims, or technical support, please refer to the official SW-MOTECH website or contact your authorized SW-MOTECH dealer. Keep your proof of purchase for warranty purposes.

Related Documents - GPT.06.541.15000

	<p><a href="#">SW-MOTECH Adapter Kit for ADVENTURE-RACK - Mounting Instructions</a></p> <p>Comprehensive mounting instructions for the SW-MOTECH Adapter Kit for ADVENTURE-RACK (Item No. GPT.10.032.19000/B). Includes safety warnings, parts list, step-by-step assembly guide, and product specifications.</p>
	<p><a href="#">SW-MOTECH STREET-RACK Luggage Rack &amp; URBAN ABS Topcase Mounting Instructions</a></p> <p>Detailed mounting instructions for the SW-MOTECH STREET-RACK Luggage Rack and URBAN ABS Topcase, covering installation, parts lists, torque specifications, and safety guidelines for motorcycle owners.</p>
	<p><a href="#">SW-MOTECH ADVENTURE-RACK Luggage Carrier and TRAX ALU-BOX Mounting Instructions</a></p> <p>Comprehensive guide for mounting the SW-MOTECH ADVENTURE-RACK luggage carrier, adapter kits, and TRAX ADV ALU-BOX motorcycle luggage system. Includes detailed steps, parts lists, safety warnings, and product specifications.</p>
	<p><a href="#">SW-MOTECH Motorcycle Luggage Mounting Instructions and Product Information</a></p> <p>Comprehensive guide for installing SW-MOTECH ADVENTURE-RACK Luggage Rack, its extensions, and PRO Rackpack Tail Bag. Includes parts lists, safety warnings, mounting steps, and care instructions.</p>

