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SarUel Motorcycle Front Lever Pedal Shift Lever

SarUel Motorcycle Front Lever Pedal Shift Lever User Manual

For BMW R1250GS, R1250GS HP, R1250GS Adventure (2019-2023)

1. INTRODUCTION

This manual provides essential information for the SarUel Motorcycle Front Lever Pedal Shift Lever, designed for specific BMW R1250GS models. Please read this manual thoroughly before installation and use to ensure proper function and safety.

1.1 Product Features

- **Adjustable and Foldable Design:** The footrest and pedal are designed to be adjustable and foldable, which helps prevent breakage in the event of a collision with the road surface.
- **Integrated Rope:** Includes a rope to prevent the shift lever from hammering or getting entangled with branches or other debris between the lever and the engine housing.
- **Premium Material:** Exquisitely CNC-milled aluminum construction with a contrasting anodized surface for durability and aesthetic appeal.

1.2 Compatibility

This SarUel Front Lever Pedal Shift Lever is compatible with the following BMW motorcycle models:

- BMW R1250GS (2019-2023)
- BMW R1250GS HP (2019-2023)
- BMW R1250GS Adventure (2019-2023)

2. SETUP AND INSTALLATION

The SarUel Front Lever Pedal Shift Lever is designed for direct replacement or upgrade on compatible BMW R1250GS models. While the product itself comes pre-assembled, proper installation on your motorcycle is crucial for safety and optimal performance.

Important: Due to the critical nature of motorcycle controls, it is highly recommended that installation be performed by a qualified motorcycle mechanic or a professional with experience in motorcycle component installation. Incorrect installation can lead to serious injury or damage.

2.1 Pre-Installation Check

- Ensure your motorcycle is stable and securely supported on a stand.
- Verify that the product received matches the intended model and color (Silver).
- Gather any necessary tools for removing the existing shift lever and installing the new one.

2.2 Installation Overview

The installation typically involves removing the existing shift lever and replacing it with the SarUel unit. This process may include:

1. Loosening and removing fasteners securing the old shift lever.
2. Carefully detaching the old lever from the shift shaft.
3. Positioning the new SarUel shift lever onto the shift shaft, ensuring proper alignment.
4. Securing the new lever with appropriate fasteners, applying recommended torque specifications if available from your motorcycle's service manual.
5. Adjusting the pedal and footrest to your preferred position, if applicable.

Refer to your motorcycle's specific service manual for detailed instructions regarding the removal and installation of shift lever components for your model year.



Figure 2.1: SarUel Silver Motorcycle Front Lever Pedal Shift Lever and Footpeg Assembly. This image shows the two main components of the product: the shift lever and the footpeg, both in a silver finish, ready for installation.



Figure 2.2: Close-up view of the SarUel Motorcycle Shift Lever and Footpeg installed on a BMW R1250GS. This image highlights the integration of the shift lever and footpeg with the motorcycle's existing components, demonstrating its fitment and appearance once installed.

3. OPERATION

The SarUel Front Lever Pedal Shift Lever functions identically to the original equipment shift lever on your BMW R1250GS. Its primary purpose is to allow the rider to change gears by applying pressure to the pedal.

3.1 Gear Shifting

To shift gears, depress the clutch lever (if applicable to your motorcycle's shifting mechanism), then apply upward or downward pressure to the shift pedal as required for upshifting or downshifting. Release the clutch lever smoothly to engage the new gear.

3.2 Adjustable and Foldable Pedal

The integrated adjustable and foldable design of the pedal allows for customization to suit rider preference and provides a safety feature. In the event of an impact, the foldable design helps to mitigate damage to the lever assembly.

- **Adjustment:** If the pedal position is adjustable, loosen the securing bolt, move the pedal to the desired angle, and re-tighten the bolt securely. Refer to your motorcycle's manual or a professional for optimal ergonomic setup.
- **Folding Mechanism:** The pedal is designed to fold upwards or inwards upon impact, reducing the risk of bending or breaking the lever. After an impact, inspect the lever for any damage before continuing operation.

4. MAINTENANCE

Regular inspection and basic maintenance will ensure the longevity and proper function of your SarUel Front Lever Pedal Shift Lever.

4.1 Cleaning

- Clean the shift lever regularly with a mild soap and water solution.
- Avoid using abrasive cleaners or solvents that could damage the anodized finish.
- Rinse thoroughly with clean water and dry with a soft cloth.

4.2 Inspection

Periodically inspect the shift lever for the following:

- **Tightness of Fasteners:** Ensure all mounting bolts and adjustment screws are securely tightened. Refer to your motorcycle's service manual for recommended torque values.
- **Wear and Damage:** Check for any signs of bending, cracks, excessive wear, or corrosion on the lever, pedal, and pivot points.
- **Smooth Operation:** Verify that the shift pedal moves freely and smoothly without binding. Lubricate pivot points with appropriate grease or lubricant if necessary.
- **Rope Integrity:** Inspect the integrated rope for fraying or damage. Ensure it is securely attached and functioning as intended to prevent entanglement.

If any significant damage or excessive wear is observed, replace the component immediately to ensure safe operation of your motorcycle.

5. TROUBLESHOOTING

This section addresses common issues that may arise with the shift lever. For complex problems, it is always recommended to consult a professional motorcycle mechanic.

Problem	Possible Cause	Solution
Shift lever feels loose or wobbly.	Loose mounting bolts or worn pivot points.	Check and tighten all mounting bolts. Inspect pivot points for wear and replace if necessary.
Difficulty shifting gears.	Binding at pivot points, incorrect installation, or issues with the motorcycle's transmission/clutch.	Lubricate pivot points. Re-check installation for proper alignment. If problem persists, consult a mechanic for transmission/clutch inspection.
Shift lever appears bent or damaged after an impact.	Impact beyond the design limits of the foldable feature.	Immediately cease use and replace the damaged shift lever. Do not attempt to bend it back into shape as this can compromise its structural integrity.

6. SPECIFICATIONS

Attribute	Detail
Brand	SarUel
Model Name	Motorcycle Front Lever Pedal Shift Lever
Color	Silver
Compatibility	BMW R1250GS, R1250GS HP, R1250GS Adventure (2019-2023)
Material	CNC-milled Aluminum
Item Weight	50 Grams
Package Dimensions	3 x 2 x 1 cm
Assembly Required	No (Product comes pre-assembled)
Quantity	1 Unit

7. WARRANTY AND SUPPORT

Specific warranty information for the SarUel Motorcycle Front Lever Pedal Shift Lever is not provided in this manual. Please refer to the product packaging, the retailer's website, or contact the manufacturer directly for details regarding warranty coverage and customer support.

For technical assistance or inquiries, please reach out to the point of purchase or the SarUel customer service department if contact information is available on the product packaging or official website.

