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› [SW-MOTECH Engine Guard Installation and User Manual for Suzuki DL 650 V-Strom \(2004-2010\), Model MSS.05.296.10001/B](#)

SW-Motech MSS.05.296.10001/B

SW-MOTECH Engine Guard Installation and User Manual

For Suzuki DL 650 V-Strom (2004-2010), Model MSS.05.296.10001/B

1. INTRODUCTION

This manual provides essential information for the proper installation, use, and maintenance of your SW-MOTECH Engine Guard, model MSS.05.296.10001/B. This product is specifically designed to protect the underside of the engine on Suzuki DL 650 V-Strom motorcycles manufactured between 2004 and 2010. Please read these instructions thoroughly before proceeding with installation or use to ensure safety and optimal performance.

2. PRODUCT OVERVIEW

The SW-MOTECH Engine Guard is engineered to provide robust protection for your motorcycle's engine against stone chips, debris, and impacts from off-road riding or uneven terrain. It features a two-component design:

- **Underbody Protection:** A silver-colored, 4 mm thick aluminum plate designed to shield the engine's underside.
- **Side Panels:** Black, 2.5 mm thick aluminum panels that provide additional lateral protection.

The design incorporates ventilation openings to ensure adequate airflow around the engine while maintaining structural integrity.

3. SAFETY INSTRUCTIONS

- Always ensure the motorcycle is stable and securely supported before beginning any installation work.
- Wear appropriate personal protective equipment, such as gloves and eye protection, during installation.
- If you are unsure about any part of the installation process, consult a qualified motorcycle mechanic.
- After installation, check all fasteners to ensure they are securely tightened according to the torque specifications provided in the detailed mounting instructions.
- Regularly inspect the engine guard for any signs of damage or loose fasteners, especially after off-

road use.

4. PACKAGE CONTENTS

Please verify that all items listed below are present in your package:

- SW-MOTECH Engine Guard (main plate and side panels)
- Mounting hardware kit
- Detailed mounting instructions (may not be in English)

If any components are missing or damaged, please contact your retailer or SW-MOTECH customer support.

5. SETUP AND INSTALLATION

Important Note: This engine guard can only be mounted in conjunction with original Suzuki crash bars or SW-MOTECH crash bars models SBL.05.295.100 or SBL.05.674.10000/B. Ensure your motorcycle is equipped with one of these compatible crash bar systems before attempting installation.

For detailed, step-by-step installation instructions, please refer to the specific mounting instructions included in your package. The general procedure involves:

1. Position the motorcycle on a stable stand.
2. Identify the mounting points on the motorcycle frame and crash bars.
3. Attach the engine guard components using the provided hardware, ensuring correct alignment.
4. Hand-tighten all fasteners initially.
5. Once all components are in place and aligned, tighten all fasteners to the torque specifications provided in the detailed instructions.
6. Perform a final check to ensure the engine guard is securely mounted and does not interfere with any motorcycle components.

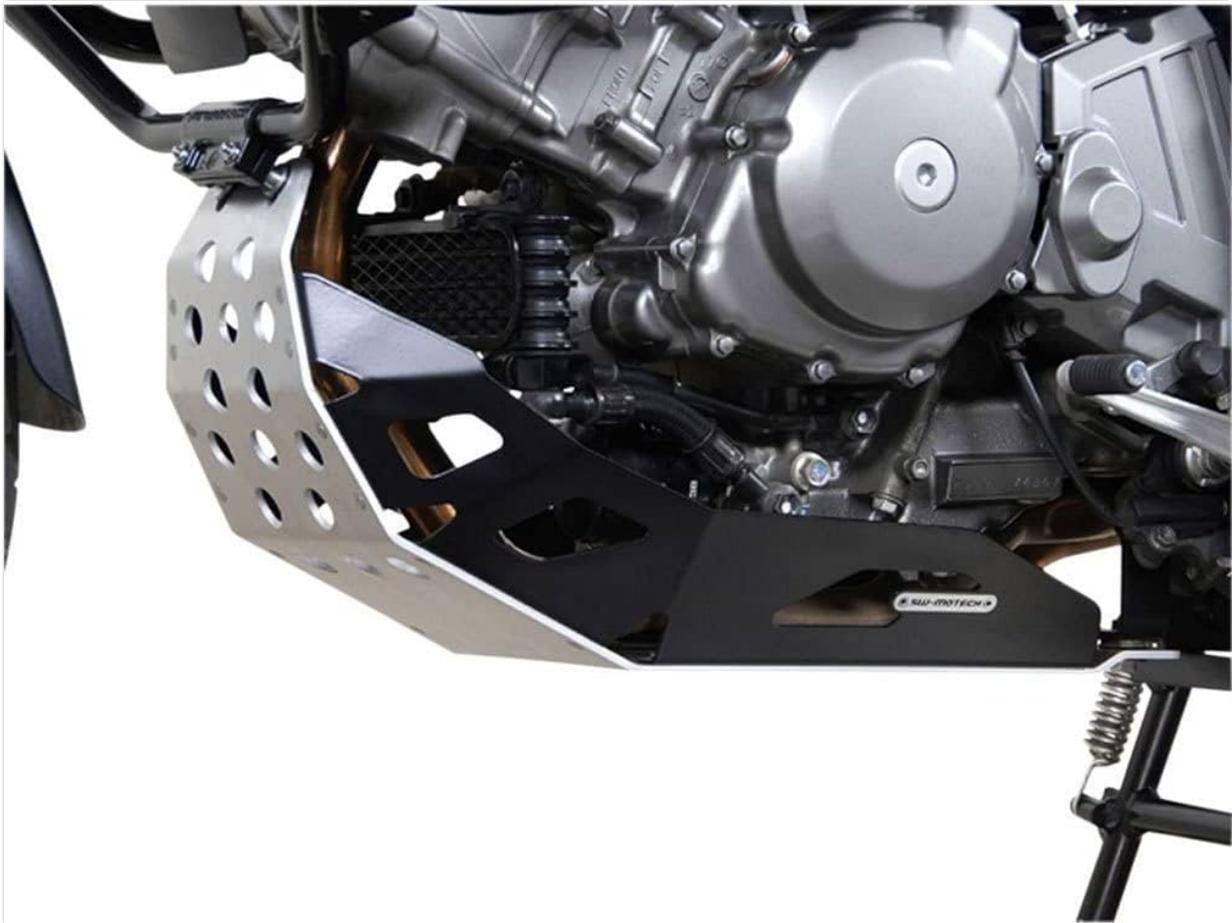


Image 1: SW-MOTECH Engine Guard installed on a Suzuki DL 650 V-Strom motorcycle. This image shows the SW-MOTECH engine guard (skid plate) mounted underneath the engine of a Suzuki DL 650 V-Strom motorcycle. The silver-colored main plate with ventilation holes is visible, along with the black side panels, providing comprehensive protection to the engine's underside.

6. OPERATING THE ENGINE GUARD

The SW-MOTECH Engine Guard operates passively by providing a protective barrier for your motorcycle's engine. Once correctly installed, it requires no active operation. Its primary function is to absorb impacts and deflect debris, safeguarding critical engine components during riding. Ensure that the engine guard remains securely attached and free from significant damage to maintain its protective capabilities.

7. MAINTENANCE

To ensure the longevity and effectiveness of your SW-MOTECH Engine Guard, regular maintenance is recommended:

- **Periodic Inspection:** Regularly check all mounting bolts and fasteners for tightness. Vibrations from riding can cause fasteners to loosen over time.
- **Damage Assessment:** Inspect the engine guard for any cracks, dents, or significant deformation, especially after encountering obstacles or impacts. Severely damaged guards should be replaced to ensure continued protection.
- **Cleaning:** Clean the engine guard periodically to remove accumulated dirt, mud, and debris. Use mild soap and water, avoiding harsh chemicals that could damage the finish.

8. TROUBLESHOOTING

Most issues related to the engine guard are installation-related or due to wear and tear. Consider the following if you encounter problems:

- **Loose Guard:** If the engine guard feels loose or rattles, re-check all mounting bolts and tighten them to the specified torque.
- **Interference:** If the guard is rubbing against other motorcycle components, verify that it was installed correctly and that all parts are aligned as per the instructions. Minor adjustments may be necessary.
- **Excessive Damage:** If the engine guard sustains significant damage (e.g., large cracks, severe bending), its protective integrity may be compromised. Replacement is recommended in such cases.

For issues not covered here, please consult a professional mechanic or contact SW-MOTECH customer support.

9. SPECIFICATIONS

Brand	SW-Motech
Model Number	MSS.05.296.10001/B
Compatibility	Suzuki DL 650 V-Strom (2004-2010)
Material (Underbody)	4 mm Aluminum (Silver)
Material (Side Panels)	2.5 mm Aluminum (Black)
Item Weight	3 Kilograms
Package Dimensions	70 x 50 x 30 cm

10. WARRANTY AND SUPPORT

For information regarding warranty terms and conditions, please refer to the documentation provided with your purchase or visit the official SW-MOTECH website. For technical support, spare parts, or any other inquiries, please contact your authorized SW-MOTECH dealer or SW-MOTECH customer service directly.

SW-MOTECH Contact Information: Please refer to the official SW-MOTECH website for the most current contact details.