

GIVI TN3105

GIVI TN3105 Engine Guards User Manual

For Suzuki DL1000 VStrom (2014 Model)

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your GIVI TN3105 Engine Guards. These engine guards are designed to provide additional protection for the engine and fairings of your Suzuki DL1000 VStrom 2014 motorcycle during accidental falls or impacts. Constructed from durable one-inch steel tubing with a matte black finish, they integrate with the motorcycle's design while offering essential safeguarding.

Please read this manual thoroughly before attempting installation or use to ensure proper fitment and safety.

2. SAFETY INFORMATION

Always prioritize safety during installation and use of motorcycle accessories. Failure to follow these guidelines may result in injury or damage to your motorcycle.

- **Professional Installation Recommended:** If you are not confident in your mechanical abilities, seek assistance from a qualified motorcycle technician.
- **Motorcycle Stability:** Ensure the motorcycle is securely parked on a stable, level surface using its center stand or a suitable paddock stand before beginning any work.
- **Personal Protective Equipment:** Wear appropriate safety gear, including gloves and eye protection, during installation.
- **Hot Components:** Allow the motorcycle engine and exhaust components to cool completely before handling to prevent burns.
- **Torque Specifications:** Always refer to your motorcycle's service manual for specific torque values for all fasteners. Over-tightening or under-tightening can lead to component failure.
- **Regular Inspection:** Periodically check all mounting bolts for tightness and inspect the engine guards for any signs of damage or wear.

3. SETUP AND INSTALLATION

3.1. Tools Required

- Metric Socket Set and Wrenches
- Allen Key Set
- Torque Wrench
- Thread-locking compound (medium strength, if not pre-applied)
- Clean rags
- Optional: Second person for assistance

3.2. Package Contents

Verify that all components are present before beginning installation. The GIVI TN3105 package typically includes:

- Left Engine Guard
- Right Engine Guard
- Mounting Hardware (bolts, washers, spacers, brackets)

3.3. Installation Steps

1. **Preparation:** Park your Suzuki DL1000 VStrom 2014 on a firm, level surface. Ensure the engine is cool to the touch. It is recommended to ride the bike briefly to warm up the engine bolts, as factory thread-locking compound can make them difficult to remove when cold. Allow to cool before proceeding.
2. **Identify Mounting Points:** Locate the designated mounting points on your motorcycle's frame and engine block. These typically involve existing engine mount bolts or frame attachment points.
3. **Remove Existing Fasteners:** Carefully remove any existing bolts from the identified mounting points. Keep track of all removed hardware. For long through-bolts, it may require two people: one to hold one side while the other loosens the nut.
4. **Position Engine Guards:** Carefully position the left and right engine guards onto their respective sides of the motorcycle. Align the mounting holes on the guards with the motorcycle's frame and engine points.
5. **Initial Fastening:** Insert the provided GIVI mounting hardware (bolts, washers, spacers) through the engine guards and into the motorcycle's mounting points. Hand-tighten all bolts initially to ensure proper alignment and fitment. Do not fully tighten any bolts at this stage.
6. **Align and Adjust:** Once all bolts are in place and hand-tight, gently adjust the position of the engine guards to ensure they are level and do not interfere with any motorcycle components (e.g., radiator, exhaust).
7. **Final Tightening:** Systematically tighten all mounting bolts. Refer to your Suzuki DL1000 VStrom service manual for the correct torque specifications for the engine and frame bolts. Apply a medium-strength thread-locking compound to the bolt threads if not already present. For bolts in tight spaces, an open-end wrench on a bolt head may be easier than an Allen key.
8. **Final Check:** After tightening all fasteners, double-check that all bolts are secure and that the engine guards are firmly mounted. Ensure there is no play or movement.



Image 1: GIVI TN3105 Engine Guards installed on a Suzuki DL1000 VStrom motorcycle. This image illustrates the typical appearance and positioning of the engine guards once correctly mounted, providing a visual reference for the completed installation.

4. OPERATING INFORMATION

GIVI TN3105 Engine Guards are passive protection devices. Once correctly installed, they require no active operation. Their function is to absorb impact and protect critical motorcycle components in the event of a fall or slide.

- **Post-Installation Check:** Before your first ride after installation, perform a thorough check of all installed components. Ensure no cables, hoses, or moving parts are obstructed by the engine guards.
- **Riding Awareness:** While engine guards offer protection, they are not a substitute for safe riding practices. Always ride within your limits and obey traffic laws.
- **After an Incident:** In the event of a fall or impact, immediately inspect the engine guards and surrounding motorcycle components for any damage. Even minor impacts can compromise the structural integrity of the guards.

5. MAINTENANCE

Proper maintenance ensures the longevity and effectiveness of your GIVI TN3105 Engine Guards.

- **Regular Cleaning:** Clean the engine guards regularly with mild soap and water to remove dirt, grime, and road salt. Avoid abrasive cleaners or solvents that could damage the matte black finish.
- **Fastener Inspection:** Periodically (e.g., every 1,000 miles or during routine motorcycle maintenance) check all mounting bolts for tightness. Vibrations from riding can cause fasteners to loosen over time. Re-torque to specifications if necessary.
- **Damage Inspection:** Inspect the engine guards for any signs of corrosion, cracks, bends, or other damage. If the guards have sustained an impact, they should be thoroughly inspected for structural integrity. Damaged guards may not provide adequate protection and should be replaced.
- **Rust Prevention:** If the finish is scratched or chipped, touch up with appropriate paint to prevent rust formation on the steel tubing.

6. TROUBLESHOOTING

This section addresses common issues that may arise during or after installation.

Problem	Possible Cause	Solution
Engine guards do not align with mounting points.	Incorrect positioning; bolts not hand-tightened evenly.	Loosen all bolts, reposition the guards, and hand-tighten all fasteners before final torqueing. Ensure correct guards are on the correct side.
Guards feel loose or rattle after installation.	Mounting bolts are not sufficiently tightened.	Re-check and re-torque all mounting bolts to the manufacturer's specifications. Ensure washers and spacers are correctly placed.
Difficulty removing factory engine bolts.	Factory thread-locking compound is very strong.	Warm up the engine slightly before attempting removal. Use appropriate leverage (e.g., breaker bar) and ensure the correct tool size is used to prevent stripping.
Interference with other motorcycle components.	Improper alignment or incorrect model year application.	Verify that the engine guards are indeed for the Suzuki DL1000 VStrom 2014 model. Re-check alignment and adjust as necessary before final tightening. If interference persists, consult GIVI support or a professional.

7. SPECIFICATIONS

- **Brand:** GIVI
- **Model:** TN3105
- **Compatibility:** Suzuki DL1000 VStrom (2014)
- **Material:** Steel (1-inch tubing)
- **Finish:** Matte Black (Powder-coated)
- **Approximate Package Dimensions:** 22 x 18 x 8 inches
- **Approximate Item Weight:** 6 pounds

8. WARRANTY AND SUPPORT

For specific warranty information regarding your GIVI TN3105 Engine Guards, please refer to the documentation provided with your purchase or contact the retailer from whom you purchased the product. GIVI products typically come with a manufacturer's warranty against defects in materials and workmanship.

If you require technical assistance, have questions about installation, or need to report a defective product, please contact GIVI customer support or your authorized GIVI dealer. Contact information can usually be found on the official GIVI website or on your purchase receipt.