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Puig 20646C

Puig Engine Spoiler for Yamaha MT-09 (2021-2022)

Instruction Manual - Model 20646C

1. INTRODUCTION

This manual provides comprehensive instructions for the proper installation and maintenance of your Puig Engine Spoiler, designed specifically for the Yamaha MT-09 motorcycle models from 2021 to 2022. This product is engineered to offer additional protection to the engine and lower components of your motorcycle.

Please read these instructions carefully before beginning the installation process to ensure correct fitting and optimal performance.

2. SAFETY INFORMATION

- **Professional Installation Recommended:** If you are not confident in your mechanical abilities, it is highly recommended to have this product installed by a qualified motorcycle technician.
- **Use Correct Tools:** Ensure you have all necessary tools and that they are in good working condition.
- **Motorcycle Stability:** Always ensure the motorcycle is stable and securely supported before commencing any work.
- **Tightening Torque:** Follow the motorcycle manufacturer's recommended torque specifications for all fasteners where applicable. Over-tightening or under-tightening can lead to damage or failure.
- **Personal Protective Equipment:** Wear appropriate personal protective equipment, such as gloves and eye protection, during installation.

3. PACKAGE CONTENTS

Before starting the installation, verify that all components are present and undamaged. The package includes:

- All necessary components for installation.

If any parts are missing or damaged, please contact your retailer or Puig customer support before proceeding.

4. INSTALLATION GUIDE

The Puig Engine Spoiler is designed for a bolt-on installation. Specific steps may vary slightly depending on your motorcycle's exact configuration. Always refer to the detailed instructions provided with the product packaging for precise, model-specific steps.

- Preparation:** Park the motorcycle on a level surface and ensure it is stable. Allow the engine and exhaust to cool completely.
- Identify Mounting Points:** Locate the designated mounting points on the motorcycle frame or engine area. These are typically pre-existing bolt holes.
- Assemble Components:** If the spoiler consists of multiple pieces, assemble them loosely according to the included diagrams.
- Position the Spoiler:** Carefully position the engine spoiler against the motorcycle, aligning the mounting holes.
- Secure with Fasteners:** Insert the provided bolts and washers into the mounting points. Hand-tighten all fasteners initially.
- Final Tightening:** Once all fasteners are in place and the spoiler is correctly aligned, progressively tighten them to the recommended torque specifications. Ensure even pressure and a secure fit.
- Final Check:** Double-check all bolts for tightness and ensure there is no interference with any moving parts or other motorcycle components.



Image: The Puig Engine Spoiler securely mounted on the lower front section of a Yamaha MT-09 motorcycle, protecting the engine and exhaust headers. The carbon-look finish integrates with the motorcycle's design.

5. POST-INSTALLATION CHECK

After installation, perform the following checks:

- Visual Inspection:** Ensure the engine spoiler is firmly attached and does not wobble or move.
- Clearance:** Verify that the spoiler does not obstruct any motorcycle controls, exhaust components, or moving parts (e.g., front wheel, suspension).

- **Test Ride:** Conduct a short, low-speed test ride to confirm proper fitment and absence of any unusual noises or vibrations.

6. MAINTENANCE

To ensure the longevity and appearance of your Puig Engine Spoiler, follow these maintenance guidelines:

- **Cleaning:** Clean the spoiler regularly with mild soap and water. Avoid abrasive cleaners or solvents that could damage the ABS or aluminum finish.
- **Inspection:** Periodically inspect all mounting bolts for tightness. Vibrations from riding can sometimes cause fasteners to loosen over time.
- **Damage Check:** Examine the spoiler for any signs of damage, cracks, or excessive wear, especially after impacts or prolonged use.
- **Material Properties:** The spoiler is constructed from high-resistance ABS and aluminum materials, designed to withstand impacts and UV rays.

7. TROUBLESHOOTING

If you encounter any issues during or after installation:

- **Loose Fitment:** Re-check all mounting bolts to ensure they are tightened to the correct specifications.
- **Interference:** If the spoiler interferes with other motorcycle parts, re-evaluate the positioning and ensure all components are correctly aligned.
- **Unusual Noises:** Investigate any new noises or vibrations. This could indicate a loose component or improper installation.
- **Contact Support:** If problems persist, refer to the detailed instructions provided with the product or contact Puig customer support for assistance.

8. SPECIFICATIONS

Brand	Puig
Model	ENGINE SPOILER YAMAHA MT-09 21-22
Item Model Number	20646C
OEM Part Number	20646C
Manufacturer	PUIG
Material	Acrylonitrile Butadiene Styrene (ABS), Aluminum
Color	Carbon look
Installation Type	Bolt-On
Auto Part Position	Front
Item Weight	5.65 pounds
Product Dimensions (L x W x H)	18.35 x 21.26 x 8.66 inches

9. WARRANTY AND SUPPORT

Puig products are manufactured to high-quality standards. For information regarding warranty coverage, please refer to the warranty documentation included with your purchase or visit the official Puig website.

For technical assistance, installation queries, or to report any issues, please contact Puig customer support directly. Ensure you have your product model number (20646C) and purchase details available when contacting support.

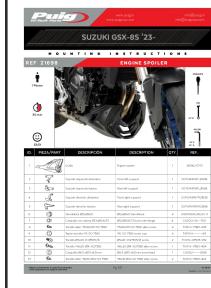
Related Documents - 20646C

	<p>Puig Mounting Instructions for Yamaha MT-07 '21- Downforce Naked Frontal Spoilers</p> <p>Detailed mounting instructions and parts list for the Puig Downforce Naked Frontal Spoilers (REF 21129) for the Yamaha MT-07 motorcycle (2021 model). Includes step-by-step assembly guidance and component details.</p>
	<p>Puig Engine Spoiler Mounting Instructions for Yamaha MT09 '21- / Tracer GT '21</p> <p>Detailed mounting instructions for the Puig Engine Spoiler (Quilla) designed for Yamaha MT09 and MT09 Tracer GT models from 2021 onwards. Includes parts list and step-by-step assembly guidance.</p>
	<p>Puig Engine Spoiler Mounting Guide for Yamaha MT-07 '21</p> <p>Comprehensive installation instructions for the Puig Engine Spoiler (Quilla) designed for the Yamaha MT-07 motorcycle, model year 2021 and onwards. This guide includes a detailed parts list, step-by-step assembly procedures, and essential notes for a successful installation.</p>



[Puig Frontal Spoiler Naked Mounting Instructions for Kawasaki Z900 '20-](#)

Detailed mounting instructions and parts list for the Puig Frontal Spoiler Naked (Ref 20626) for the Kawasaki Z900 motorcycle (2020-2022 model year). Includes step-by-step guidance and component details.



[Puig Engine Spoiler Mounting Instructions for Suzuki GSX-8S '23-](#)

Detailed mounting instructions for the Puig Engine Spoiler designed for the Suzuki GSX-8S model year 2023-2024. Includes part list, required tools, and step-by-step assembly guidance for a secure installation.



[Puig R19 Crash Pads Installation Guide for Triumph Speed Triple 1200RS '21-'22](#)

Detailed installation instructions and parts list for Puig R19 Crash Pads (Ref 21131N) designed for the Triumph Speed Triple 1200RS models from 2021 to 2022. Includes step-by-step guidance for both right and left side mounting.