

Puig 21617F

Puig R-Racer Screen Instruction Manual

Model: 21617F | For BMW M1000RR (2023-2024)

1. INTRODUCTION

This manual provides essential information for the proper installation, use, and maintenance of your Puig R-Racer Screen. Please read these instructions carefully before proceeding with installation to ensure optimal performance and safety. This product is designed specifically for the BMW M1000RR models from 2023 to 2024.

2. PRODUCT OVERVIEW

The Puig R-Racer Screen is an aerodynamic windshield designed to enhance the performance and aesthetics of your motorcycle. It is engineered to deflect wind effectively, improving rider comfort and reducing drag. Constructed from strong, light, and durable material with a 2mm rounded edge, this screen has been tested in a virtual wind tunnel to ensure its aerodynamic efficiency.



Figure 1: The Puig R-Racer Screen in dark smoke finish. This image shows the standalone windshield, highlighting its curved design and mounting points.

Key Features:

- **Aerodynamic Design:** Tested in a virtual wind tunnel for optimal wind deflection.
- **Durable Construction:** Made from strong, light, and durable material with a 2mm rounded edge.
- **Enhanced Rider Comfort:** Taller height helps deflect wind away from the rider.
- **Easy Installation:** Designed for straightforward installation without requiring additional parts.

3. SETUP AND INSTALLATION

The Puig R-Racer Screen is designed for a vehicle-specific fit and typically utilizes existing mounting points on your BMW M1000RR. Installation is generally straightforward and does not require additional parts beyond what is included with the screen. Ensure you have the necessary basic tools (e.g., screwdrivers, Allen wrenches) for removing the original screen and installing the new one.

Installation Steps:

1. **Preparation:** Park your motorcycle on a stable, level surface. Ensure the engine is off and cool.
2. **Remove Original Screen:** Carefully locate and remove the screws or fasteners securing the original windshield. Store these fasteners safely, as they may be reused.
3. **Clean Mounting Area:** Thoroughly clean the area around the mounting points on your motorcycle to ensure a secure and proper fit for the new screen.
4. **Position New Screen:** Align the Puig R-Racer Screen with the mounting holes on your motorcycle. Ensure it sits flush and correctly.
5. **Secure Screen:** Use the original fasteners (or new ones if provided and specified) to secure the Puig

R-Racer Screen. Tighten screws evenly and firmly, but do not overtighten, as this can damage the screen or mounting points.

6. **Final Check:** Gently test the screen for stability. Ensure all fasteners are tight and the screen is securely in place before operating the motorcycle.



Figure 2: The Puig R-Racer Screen mounted on a BMW M1000RR. This image illustrates the screen's integration with the motorcycle's fairing, showing its aerodynamic profile.

Note: If you are unsure about any step, it is recommended to consult a professional motorcycle mechanic.

4. OPERATION (FUNCTIONALITY)

Once installed, the Puig R-Racer Screen functions as an integral part of your motorcycle's aerodynamics. Its primary purpose is to redirect airflow over and around the rider, reducing wind pressure and turbulence. This results in improved comfort, especially at higher speeds, and can contribute to reduced rider fatigue on long journeys. The screen's design is optimized for the BMW M1000RR to maintain the bike's performance characteristics while enhancing the riding experience.

5. MAINTENANCE

Proper maintenance will ensure the longevity and clarity of your Puig R-Racer Screen.

- **Cleaning:** Use only mild soap and water with a soft, non-abrasive cloth or sponge. Avoid harsh chemicals, ammonia-based cleaners, or abrasive materials, as these can scratch or damage the screen's surface.
- **Drying:** Gently pat dry with a clean, soft microfiber cloth to prevent water spots. Do not wipe vigorously when dry, as this can cause static and attract dust.
- **Inspection:** Periodically check the screen for any signs of damage, cracks, or loose mounting hardware. Address any issues promptly to maintain safety and performance.
- **Storage:** If removing the screen for storage, keep it in a protective bag or wrap to prevent scratches.

and dust accumulation.

6. TROUBLESHOOTING

If you encounter any issues with your Puig R-Racer Screen, consider the following:

- **Poor Fit/Vibration:** Ensure all mounting screws are properly tightened. Check that the screen is correctly aligned with the motorcycle's fairing. Loose fasteners can cause vibration.
- **Reduced Visibility:** If the screen becomes cloudy or scratched, refer to the maintenance section for proper cleaning techniques. Severe scratches may require replacement.
- **Excessive Wind Noise/Buffering:** While the R-Racer screen is designed to reduce wind, individual rider height and helmet aerodynamics can influence results. Ensure the screen is installed correctly and securely.
- **Damage:** In case of significant damage (e.g., cracks from impact), the screen should be replaced immediately to ensure safety and structural integrity.

7. SPECIFICATIONS

Feature	Detail
Brand	Puig
Model Name	R-Racer Screen
Item Model Number	21617F
Compatible Motorcycle	BMW M1000RR (2023-2024)
Color	Dark smoke
Exterior Finish	Smoke
Style	Aerodynamic
Auto Part Position	Front
Installation Type	Self-adhesive or perfect fit (Vehicle Specific Fit)
Item Weight	1.15 pounds
Package Dimensions	14 x 12 x 8 inches

8. WARRANTY INFORMATION

Specific warranty details for the Puig R-Racer Screen are not provided in the product information. Please refer to the retailer or manufacturer's official website for the most current warranty policy and registration procedures. Keep your proof of purchase for any warranty claims.


9. SUPPORT AND CONTACT


For technical assistance, installation queries, or product support, please contact your authorized Puig dealer or visit the official Puig website. Contact information is typically available on the manufacturer's packaging or website.

Related Documents - 21617F

	<p>Puig Z-Racing and R-Racer Screen Installation for Kawasaki Ninja 650 '20-</p> <p>Detailed mounting instructions for Puig Z-Racing and R-Racer screens for the Kawasaki Ninja 650 motorcycle (2020 onwards). Includes part numbers and assembly steps.</p>
	<p>Puig Touring Screen Installation Guide for BMW F750GS '18-'21 (REF 3768)</p> <p>Step-by-step mounting instructions and parts list for the Puig Touring Screen (REF 3768) designed for the BMW F750GS motorcycle models from 2018 to 2021. Includes details on disassembly, assembly, and required components.</p>
	<p>Puig Mounting Instructions: BMW R1300GS Touring Plus Screen with Radar/ACC</p> <p>Step-by-step guide for installing the Puig Touring Plus Screen with Radar/ACC on BMW R1300GS and R1300GS Adventure (2023-). Includes parts list, assembly steps, and torque specifications.</p>
	<p>Puig Motorcycle Windshield Mounting Instructions - Universal & Kawasaki Z900RS</p> <p>Detailed mounting instructions and parts lists for Puig Universal Windshield Plus (REF 4620) and Puig Kit for Kawasaki Z900RS '18- (REF 10931). Includes step-by-step guides and component information for safe installation.</p>
	<p>Puig Z-Racing Screen Mounting Instructions for BMW R1300GS '24-</p> <p>Detailed mounting instructions and parts list for installing the Puig Z-Racing Screen on a BMW R1300GS motorcycle (2024 model). Includes step-by-step guidance and component identification.</p>

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