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Puig 5051F

Puig 5051F Dark Smoke New Generation Windshield User Manual

Model: 5051F | Brand: Puig

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your Puig 5051F Dark Smoke New Generation Windshield. Designed for enhanced strength and flexibility, this windshield is made of high-impact acrylic with a 2 or 3 mm thickness, which helps absorb vibration at high speeds and offers resistance from cracking or scratching. All Puig screens are developed using information from wind tunnel testing to ensure optimal performance and fit. Please read this manual thoroughly before installation and use to ensure proper handling and safety.

2. SAFETY INFORMATION

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

- **Wear appropriate safety gear:** Always wear eye protection and gloves during installation.
- **Ensure motorcycle stability:** Before beginning installation, ensure the motorcycle is stable and securely supported to prevent tipping.
- **Use correct tools:** Use only the recommended tools and ensure they are in good condition.
- **Do not overtighten fasteners:** Overtightening can strip threads or crack the windshield. Follow torque specifications if provided, or tighten until snug.
- **Check for clearances:** After installation, ensure the windshield does not interfere with steering, controls, or other motorcycle components.
- **Regularly inspect:** Periodically check all mounting hardware for tightness and inspect the windshield for any signs of damage or wear.
- **Professional installation:** If you are unsure about any step of the installation process, consult a qualified motorcycle mechanic.

3. PACKAGE CONTENTS

Verify that all components listed below are present in your package before beginning installation.

- 1 x Puig 5051F Windshield
- Mounting Hardware Kit (specific components may vary by model, refer to included diagram)
- Installation Instructions (this manual)



Figure 3.1: The Puig 5051F Dark Smoke New Generation Windshield, representing the main product included in the package.

4. SETUP AND INSTALLATION

Follow these steps carefully to install your new Puig windshield. Refer to the included diagrams for visual guidance.

1. **Prepare the Motorcycle:** Park the motorcycle on a level surface and ensure it is stable. Turn off the engine and remove the key.
2. **Identify Mounting Points:** Locate the designated mounting points on your motorcycle's handlebars or headlight assembly. These are typically existing bolt holes.
3. **Assemble Brackets (if applicable):** If your kit includes separate mounting brackets, assemble them according to the specific instructions provided with your hardware kit.
4. **Attach Windshield to Brackets:** Secure the Puig windshield to the mounting brackets using the provided screws and washers. Do not fully tighten at this stage.
5. **Mount Assembly to Motorcycle:** Carefully align the assembled windshield and brackets with the motorcycle's mounting points. Insert the bolts and hand-tighten them.
6. **Adjust Position:** Adjust the windshield's angle and position for optimal fit and rider comfort. Ensure it does not obstruct your view or interfere with controls.
7. **Final Tightening:** Once the desired position is achieved, progressively tighten all mounting bolts. Ensure even pressure and do not overtighten.
8. **Final Check:** Verify that the windshield is securely mounted and all fasteners are tight. Check for any wobbling or loose parts.



Figure 4.1: Front view of the Puig windshield installed on a motorcycle, showing its integration with the headlight and handlebars.



Figure 4.2: Side view of the Puig wind deflector installed, highlighting its profile and how it extends above the instrument cluster.

5. OPERATING YOUR WINDSHIELD

The Puig New Generation Windshield is designed to enhance your riding experience by deflecting wind and reducing air pressure on the rider. While it does not require active "operation," understanding its function is key to appreciating its benefits.

- **Wind Deflection:** The aerodynamic design of the windshield redirects airflow over and around the rider, reducing wind buffeting and fatigue, especially at higher speeds.
- **Improved Comfort:** By creating a calmer air pocket behind the screen, it contributes to a more comfortable ride, particularly on long journeys.
- **Protection:** The windshield offers a degree of protection from road debris, insects, and adverse weather conditions.

No specific controls or adjustments are typically required after initial installation. The windshield functions passively to improve aerodynamics and rider comfort.

6. MAINTENANCE AND CARE

Proper care will extend the life and maintain the clarity of your Puig windshield.

- **Cleaning:** Clean the windshield regularly with mild soap and water. Use a soft, non-abrasive cloth or sponge. Avoid harsh chemicals, ammonia-based cleaners (like window cleaner), or abrasive materials, as these can damage the acrylic surface.
- **Drying:** Gently dry the windshield with a clean, soft microfiber cloth to prevent water spots and streaks.
- **Scratch Prevention:** Avoid wiping the windshield when dry or with a dirty cloth, as this can cause scratches. Always rinse off loose dirt and dust before wiping.
- **Inspection:** Periodically inspect the windshield for cracks, deep scratches, or signs of wear. Also, check all mounting hardware for tightness and corrosion.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Windshield vibrates excessively	Loose mounting hardware; Incorrect installation angle	Check and tighten all mounting bolts. Adjust the windshield angle if possible to reduce aerodynamic forces.
Windshield feels loose after riding	Mounting bolts have loosened over time	Re-tighten all mounting bolts. Consider using thread-locking compound on bolts (consult a professional).
Reduced visibility due to scratches/haze	Improper cleaning; Exposure to harsh chemicals	Clean only with mild soap and water. For minor scratches, specialized acrylic polish may help. Severe damage may require replacement.
Windshield interferes with controls/handlebars	Incorrect positioning during installation	Loosen mounting bolts, reposition the windshield to ensure proper clearance, then re-tighten.

8. SPECIFICATIONS

Feature	Detail
Model	5051F
Brand	Puig
Material	High-impact Acrylic
Color	Dark Smoke
Thickness	2 or 3 mm (varies by specific design)
Item Weight	1.1 pounds (approx.)
Country of Origin	USA (as per specifications, though product description mentions Spain)
Fitment	Precise fit for compatible motorcycle models (refer to Puig's official website for specific model compatibility)

9. WARRANTY AND SUPPORT

Puig products are manufactured to high standards and are designed for durability. For specific warranty information regarding your Puig 5051F Dark Smoke New Generation Windshield, please refer to the warranty card included with your purchase or visit the official Puig website.

For technical support, installation assistance, or inquiries about replacement parts, please contact Puig customer service through their official website or authorized distributors. When contacting support, please have your product model number (5051F) and purchase details ready.

Official Website: www.puig.tv