

Puig 22310J

Puig PISTA #5 Front Spoiler Instruction Manual

Model: 22310J | For BMW R1300GS (2023-)

1. INTRODUCTION

This manual provides essential information for the proper installation, use, and maintenance of your Puig PISTA #5 Front Spoiler. This product is specifically designed to enhance the aerodynamic performance and aesthetic of the BMW R1300GS (2023 model and later). Please read these instructions carefully before proceeding with installation to ensure safety and optimal performance. The PISTA #5 Front Spoiler is part of a complete kit composed of 13 parts, engineered to provide effective downforce during high-speed riding, contributing to improved high-speed straight-line stability, enhanced grip during braking and cornering, and improved anti-wheelie performance.

2. SAFETY INFORMATION

Always prioritize safety during installation and use. Improper installation can lead to product failure, damage to the motorcycle, or personal injury.

- Ensure the motorcycle is stable and securely supported before beginning any work.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection.
- Do not modify the product or use it for purposes other than its intended design.
- After installation, verify that all fasteners are tightened to the manufacturer's specifications and recheck them periodically.
- Keep all parts out of reach of children.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before starting the installation. The Puig PISTA #5 Front Spoiler kit includes:

- PISTA #5 Front Spoiler parts (left and right)
- Necessary mounting stays and brackets
- Fasteners (bolts, washers, nuts)
- Installation instructions (this manual)



Image 3.1: Individual components of the Puig PISTA #5 Front Spoiler kit.



Image 3.2: Another view of the Puig PISTA #5 Front Spoiler components.

4. SETUP AND INSTALLATION

The Puig PISTA #5 Front Spoiler is designed for bolt-on installation. Follow these general steps. Specific details may vary; refer to any included diagrams or a professional if unsure.

1. **Prepare the Motorcycle:** Park the BMW R1300GS on a flat, stable surface. Turn off the engine and ensure the motorcycle is cool.
2. **Identify Mounting Points:** Locate the designated mounting points on the front fairing or frame of your BMW R1300GS where the spoiler will attach. These points are designed for a vehicle-specific fit.
3. **Attach Stays/Brackets:** Secure the provided mounting stays and brackets to the motorcycle's frame or existing attachment points using the supplied fasteners. Do not fully tighten at this stage.
4. **Position the Spoiler:** Carefully align the PISTA #5 Front Spoiler parts (left and right) with the attached stays/brackets.
5. **Secure the Spoiler:** Attach the spoiler parts to the stays/brackets using the remaining fasteners. Ensure proper alignment

and fitment.

6. **Tighten All Fasteners:** Once the spoiler is correctly positioned, progressively tighten all fasteners. Ensure they are snug but do not overtighten to avoid damaging the components.
7. **Final Check:** Visually inspect the installed spoiler to ensure it is securely mounted, does not interfere with any moving parts (e.g., steering, suspension), and is free from any loose connections.



Image 4.1: Side view of the Puig PISTA #5 Front Spoiler installed on a BMW R1300GS.



Image 4.2: Close-up side view illustrating the integration of the spoiler with the motorcycle's design.



Image 4.3: Front view of the BMW R1300GS showcasing the installed Puig PISTA #5 Front Spoiler.

5. OPERATING PRINCIPLES

The Puig PISTA #5 Front Spoiler is a passive aerodynamic device designed to optimize airflow around the front of your motorcycle. Its primary function is to generate downforce, particularly at higher speeds.

- **Downforce Generation:** The spoiler's design creates an aerodynamic pressure differential, pushing the front wheel down onto the road surface. This can provide a maximum downforce of approximately 5.4kg on the front axle.
- **Enhanced Stability:** Increased downforce improves the motorcycle's stability during high-speed straight-line riding.
- **Improved Grip:** Better contact between the front tire and the road surface leads to enhanced grip during braking and cornering maneuvers.
- **Anti-Wheelie Performance:** The additional downforce helps to mitigate front wheel lift during aggressive acceleration, contributing to better control.

6. MAINTENANCE

Proper maintenance will ensure the longevity and appearance of your Puig PISTA #5 Front Spoiler.

- **Cleaning:** For routine cleaning, use tap water and a neutral detergent. Apply with a soft cloth and rinse thoroughly.
- **Avoid Harsh Chemicals:** Do not use aggressive chemicals such as alkaline or acidic liquids, or abrasive cleaners. These substances can cause damage, including cracking, hardening, and discoloration, which will shorten the product's lifespan.
- **Regular Inspection:** Periodically check all mounting points and fasteners for tightness. Vibrations from riding can sometimes loosen connections.
- **Damage Check:** Inspect the spoiler for any signs of damage, cracks, or wear. Replace damaged components immediately to maintain safety and performance.

7. TROUBLESHOOTING

If you encounter issues with your Puig PISTA #5 Front Spoiler, consider the following:

- **Loose Fitment:** If the spoiler feels loose or vibrates excessively, re-check all mounting bolts and ensure they are securely tightened.
- **Unusual Noise:** Investigate any new noises coming from the spoiler area. This could indicate loose parts or interference with other motorcycle components.
- **Visual Damage:** If the spoiler is cracked or broken, it should be replaced. Do not attempt to repair structural damage.
- **Installation Difficulty:** If you are unable to complete the installation or are unsure about any step, consult a qualified motorcycle mechanic or contact Puig customer support.

8. SPECIFICATIONS

Feature	Detail
Brand	Puig
Manufacturer	Puig Hi-Tech Parts
Model Number	22310J
Product Type	Front Spoiler
Compatibility	BMW R1300GS (2023 model and later)
Mounting Type	Vehicle-specific fit (Bolt-on)
Downforce (Front Axle)	Approx. 5.4 kg (max)
Kit Composition	13 parts
Color	Matt Black

9. WARRANTY AND SUPPORT

For warranty information, technical support, or replacement parts, please contact Puig Hi-Tech Parts directly through their official website or authorized distributors. Keep your purchase receipt as proof of purchase.

Puig Official Website: www.puig.tv

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question