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› Puig Windshield Raptor Instruction Manual for Kawasaki Z900RS (2018-2023) and Z900RS SE (2022-2023)

Puig 21348W

Puig Windshield Raptor Instruction Manual

Model: 21348W

1. INTRODUCTION

This instruction manual provides essential information for the proper installation, maintenance, and safe use of your Puig Windshield Raptor. This windshield is specifically designed for the Kawasaki Z900RS (models 2018-2023) and Kawasaki Z900RS SE (models 2022-2023).

The Puig Windshield Raptor is manufactured from high-quality polycarbonate, offering excellent resistance to impacts and contributing to improved aerodynamic performance for your motorcycle. It is designed for motorcycles with round headlights.



Figure 1.1: Puig Windshield Raptor (Clear). This image displays the clear polycarbonate windshield, which is designed to deflect wind and enhance the motorcycle's aesthetics. A warning label regarding cleaning is visible on the surface.

2. SAFETY INFORMATION

- Always ensure all fasteners are securely tightened before riding. Loose components can lead to instability and potential hazards.
- Regularly inspect the windshield and mounting hardware for any signs of wear, damage, or loosening.
- **Cleaning Warning:** As indicated on the product, use only water and neutral soap for cleaning. Do not use solvents or abrasive cleaners, as these can damage the polycarbonate material, causing hazing or cracking. This risk is explicitly stated on the product's warning label.
- If you are unsure about any installation steps, it is highly recommended to seek professional assistance from a qualified motorcycle mechanic.

3. PACKAGE CONTENTS

Please verify that all components are present and undamaged before beginning installation. The package should contain:

- 1x Puig Windshield Raptor (Polycarbonate)
- 1x Mounting Hardware Kit (includes brackets, bolts, washers, nuts, and spacers)



Figure 3.1: Mounting Hardware Kit. This image shows the various components included for installation, such as metal brackets, different sizes of bolts, washers, nuts, and adhesive pads.

4. SETUP AND INSTALLATION

The installation process involves attaching the mounting brackets to your motorcycle and then securing the windshield to these brackets. Some models may require a special adaptor kit, which is available separately if needed.

4.1. Preparation

1. Ensure your motorcycle is parked on a stable, level surface and the engine is off and cool.
2. Gather all tools required for installation (e.g., Allen wrenches, open-end wrenches).
3. Carefully unpack all components and verify against the package contents list.

4.2. Mounting Bracket Attachment

1. Identify the designated mounting points on your Kawasaki Z900RS/SE, typically around the headlight assembly.
2. Attach the provided metal brackets to these points using the appropriate bolts and washers from the kit. Do not fully tighten at this stage.
3. Ensure the brackets are oriented correctly to allow for proper windshield positioning.

4.3. Windshield Attachment

1. Carefully align the Puig Windshield Raptor with the attached mounting brackets.

2. Secure the windshield to the brackets using the remaining bolts, washers, and nuts.
3. Adjust the windshield's position for optimal fit and aesthetics.

4.4. Final Tightening and Inspection

1. Once the windshield is in the desired position, progressively tighten all bolts, starting from the brackets to the motorcycle, then the windshield to the brackets. Ensure even tightening to avoid stress on the polycarbonate.
2. Perform a final inspection to confirm all fasteners are secure and the windshield is firmly mounted without any play.
3. Check for any interference with handlebars, controls, or other motorcycle components during full steering lock.

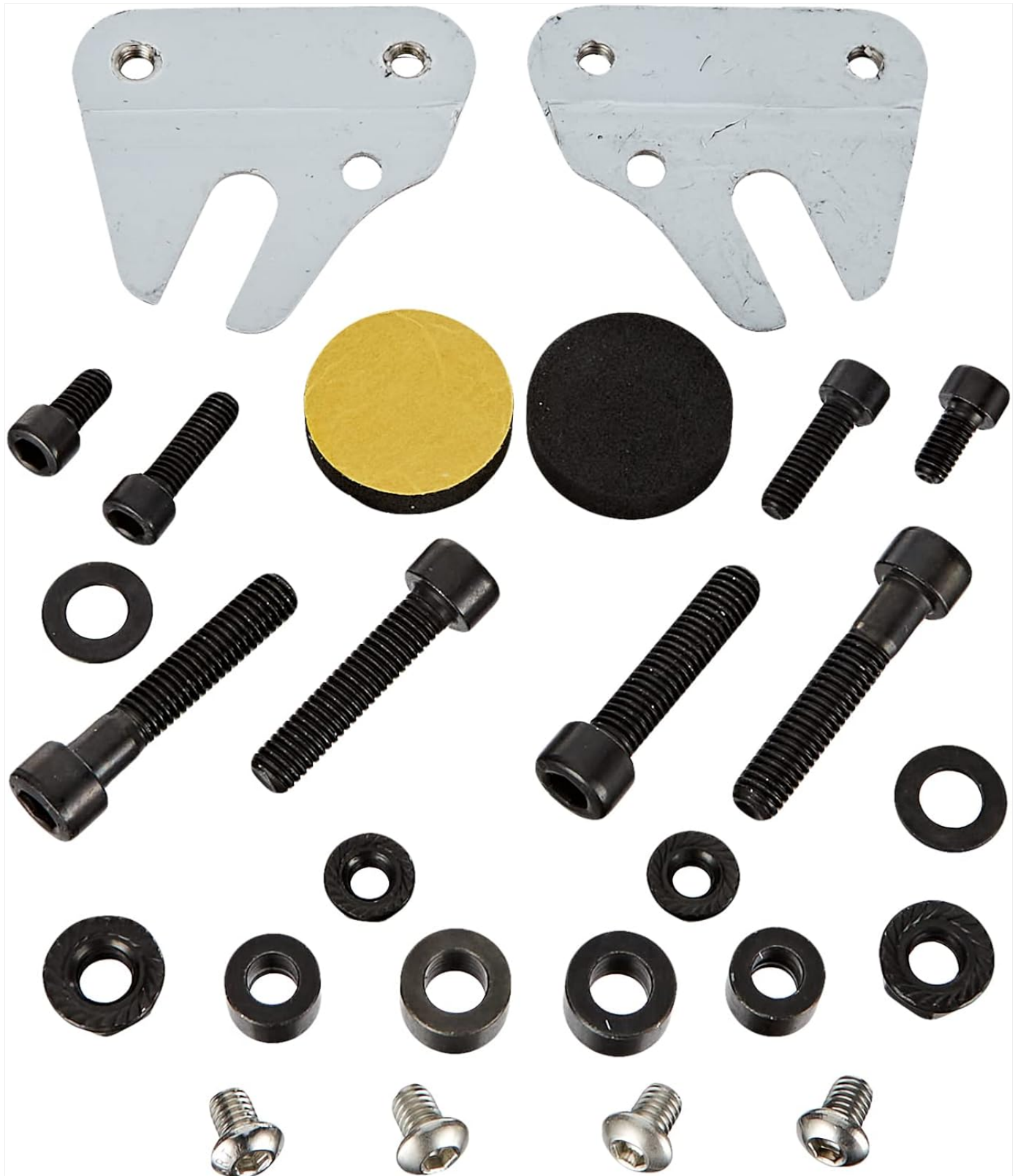


Figure 4.1: Side view of the Puig Windshield Raptor. This image provides a different angle of the clear windshield, highlighting its curvature

and design, which contributes to its aerodynamic properties.

5. OPERATING

The Puig Windshield Raptor is designed to enhance your riding experience by deflecting wind and reducing wind pressure on the rider, particularly at higher speeds. Its aerodynamic shape contributes to a smoother airflow, which can improve comfort during long rides.

6. MAINTENANCE

6.1. Cleaning

- Clean the windshield regularly using only a soft cloth, lukewarm water, and a mild, neutral soap.
- Avoid using abrasive sponges, paper towels, or harsh chemical cleaners (e.g., ammonia-based products, window cleaners, solvents) as these can scratch, haze, or damage the polycarbonate surface.
- Rinse thoroughly with clean water and dry with a soft, lint-free cloth to prevent water spots.

6.2. Inspection

- Periodically check all mounting bolts and nuts for tightness. Re-tighten if necessary.
- Inspect the polycarbonate for any cracks, deep scratches, or signs of fatigue. Replace the windshield if significant damage is observed to maintain safety and visibility.
- Ensure the mounting brackets are not bent or corroded.

7. TROUBLESHOOTING

- **Vibration or Rattling:** If the windshield vibrates or rattles during operation, check all mounting points. Ensure all bolts are securely tightened. Uneven tightening can sometimes cause vibration.
- **Loose Fit:** If the windshield feels loose, re-check the installation steps and ensure all components of the mounting kit are correctly positioned and tightened.
- **Reduced Visibility:** If visibility through the windshield is impaired, clean it according to the maintenance instructions. If hazing or scratches persist, the windshield may need replacement.

8. SPECIFICATIONS

Model Name	WINDSHIELD RAPTOR
Item Model Number	21348W
Brand	Puig
Color	Clear
Exterior Finish	Polycarbonate
Style	Retro
Auto Part Position	Front
Number of Pieces	1 (Windshield)
Item Weight	2.35 pounds

Package Dimensions	13.98 x 11.42 x 4.72 inches
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9. WARRANTY AND SUPPORT

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

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