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### Evotech Performance PRN014787-014788-01

# Evotech Performance Radiator and Oil Cooler Guard Set User Manual

**BRAND: EVOTECH PERFORMANCE**

**Model: PRN014787-014788-01**

## 1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Evotech Performance Radiator and Oil Cooler Guard Set. This product is specifically designed for the Honda CBR1000RR-R SP (2020+) motorcycle to provide essential protection for your radiator and oil cooler from road debris and impacts.

Please read this manual thoroughly before attempting installation or use to ensure proper fitment and longevity of the product.

## 2. SAFETY INFORMATION

- Always ensure the motorcycle is stable and securely supported before beginning any work.
- Wear appropriate personal protective equipment, including gloves and eye protection.
- If you are unsure about any step of the installation process, consult a qualified motorcycle mechanic.
- Do not modify the product. Any modifications may compromise its integrity and void the warranty.
- Ensure all fasteners are tightened to the manufacturer's recommended torque specifications where applicable.

## 3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- 1 x Evotech Performance Radiator Guard
- 1 x Evotech Performance Oil Cooler Guard
- Required mounting hardware (bolts, spacers, etc.)
- Installation instructions (this manual)

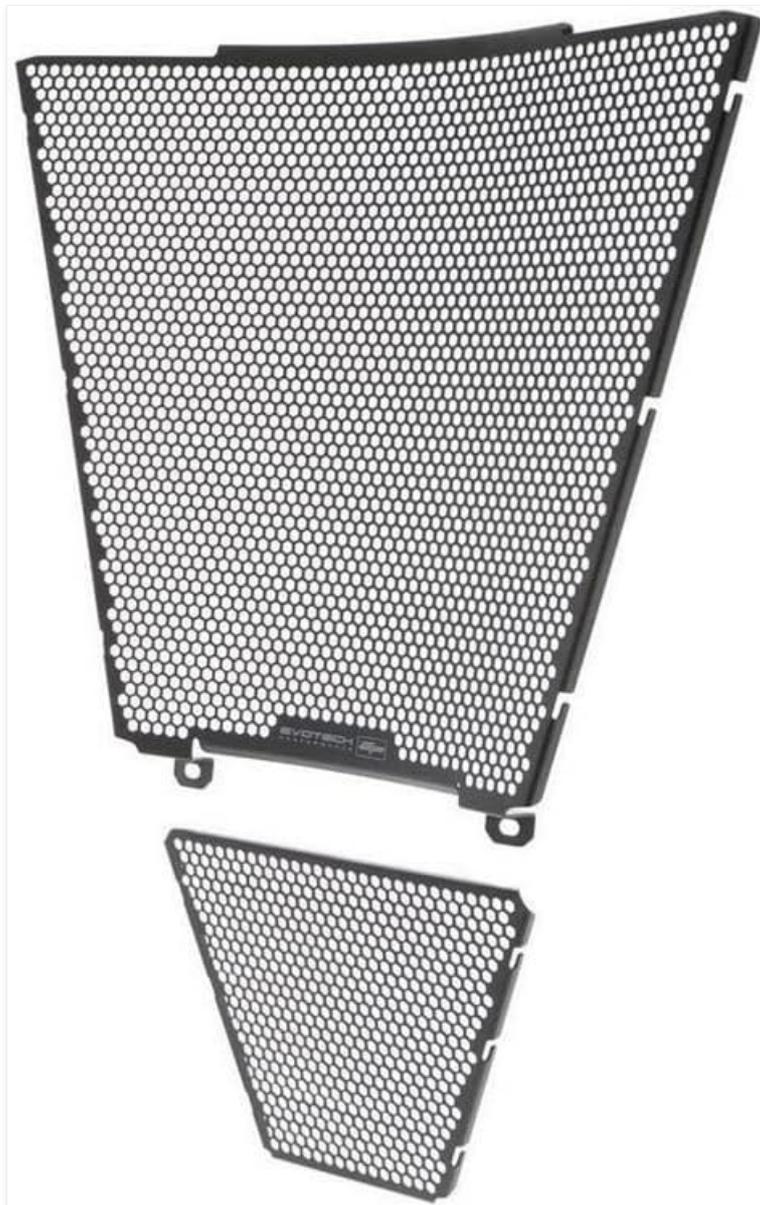


Image: The Evotech Performance Radiator Guard (top) and Oil Cooler Guard (bottom) components.

## 4. SETUP AND INSTALLATION

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This section outlines the general steps for installing the radiator and oil cooler guards. Specific steps may vary slightly depending on your motorcycle's current configuration. Refer to your motorcycle's service manual for detailed component removal and reinstallation procedures if necessary.

### Tools Required (Typical):

- Hex key set
- Socket wrench set
- Torque wrench (recommended)
- Clean cloth

### Installation Steps:

1. **Prepare the Motorcycle:** Ensure the motorcycle engine is cool. Place the motorcycle on a stable stand.
2. **Access the Radiator/Oil Cooler:** Depending on your motorcycle model, you may need to remove fairings or other components to gain clear access to the radiator and oil cooler. Refer to your motorcycle's service manual for these steps.

3. **Clean the Area:** Thoroughly clean the front surface of the radiator and oil cooler to remove any dirt, debris, or insects.
4. **Position the Radiator Guard:** Carefully align the Evotech Performance Radiator Guard with the radiator. The guard is designed for a precise fit.
5. **Secure the Radiator Guard:** Use the provided mounting hardware to secure the radiator guard to the existing mounting points on the motorcycle. Do not overtighten.
6. **Position the Oil Cooler Guard:** Similarly, align and position the Evotech Performance Oil Cooler Guard over the oil cooler.
7. **Secure the Oil Cooler Guard:** Attach the oil cooler guard using the appropriate mounting hardware.
8. **Final Check:** Once both guards are installed, gently check for any loose fittings or obstructions. Ensure the guards do not interfere with any moving parts or hoses.
9. **Reinstall Components:** Reinstall any fairings or components that were removed during the installation process.



Image: Close-up view of the Evotech Performance Radiator Guard installed on a Honda CBR1000RR-R SP.



Image: Another perspective showing the Evotech Performance Radiator Guard installed on the motorcycle.

## 5. OPERATING PRINCIPLES

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The Evotech Performance Radiator and Oil Cooler Guard Set functions as a protective barrier for your motorcycle's cooling system components. Its primary purpose is to prevent damage from road debris such as stones, gravel, and other foreign objects that can be kicked up by tires or encountered during riding.

The precision-engineered mesh design allows for optimal airflow to the radiator and oil cooler, ensuring efficient cooling performance while providing robust protection. No active "operation" is required from the user once installed; the guards perform their function passively.

## 6. MAINTENANCE

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Regular maintenance of your Evotech Performance guards will ensure their continued effectiveness and appearance.

- **Cleaning:** Periodically clean the guards to remove accumulated dirt, insects, and debris. Use a soft brush or low-pressure water spray. Avoid high-pressure washers directly on the guards or radiator fins.
- **Inspection:** Regularly inspect the guards for any signs of damage, such as bends, cracks, or loose mounting points. Check for any foreign objects lodged in the mesh.
- **Fastener Check:** Ensure all mounting bolts remain securely tightened. Re-tighten if necessary, but do not overtighten.
- **Damage:** If the guards sustain significant damage, consider replacement to ensure optimal protection for your radiator and oil cooler.

## 7. TROUBLESHOOTING

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This section addresses common concerns you might encounter.

Problem	Possible Cause	Solution
Guard feels loose after installation.	Mounting bolts not fully tightened.	Check and tighten all mounting bolts. Ensure proper alignment.
Unusual vibration or noise from guards.	Improper installation; guard touching other components.	Re-check installation steps. Ensure no contact with fairings or hoses. Adjust position if possible.

Problem	Possible Cause	Solution
Debris accumulating behind guard.	Normal function; guard is catching debris.	Regularly clean the guards as per the maintenance section.

## 8. SPECIFICATIONS

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**Brand:** Evotech Performance

**Model Name:** Radiator Guard

**Product Model Number:** PRN014787-014788-01

**Color:** Black

**Compatibility:** Honda CBR1000RR-R SP (2020+)

**Package Dimensions:** Approximately 50 x 30 x 15 cm (19.7 x 11.8 x 5.9 inches)

**Item Weight:** Approximately 1 Kilogram (2.2 lbs)

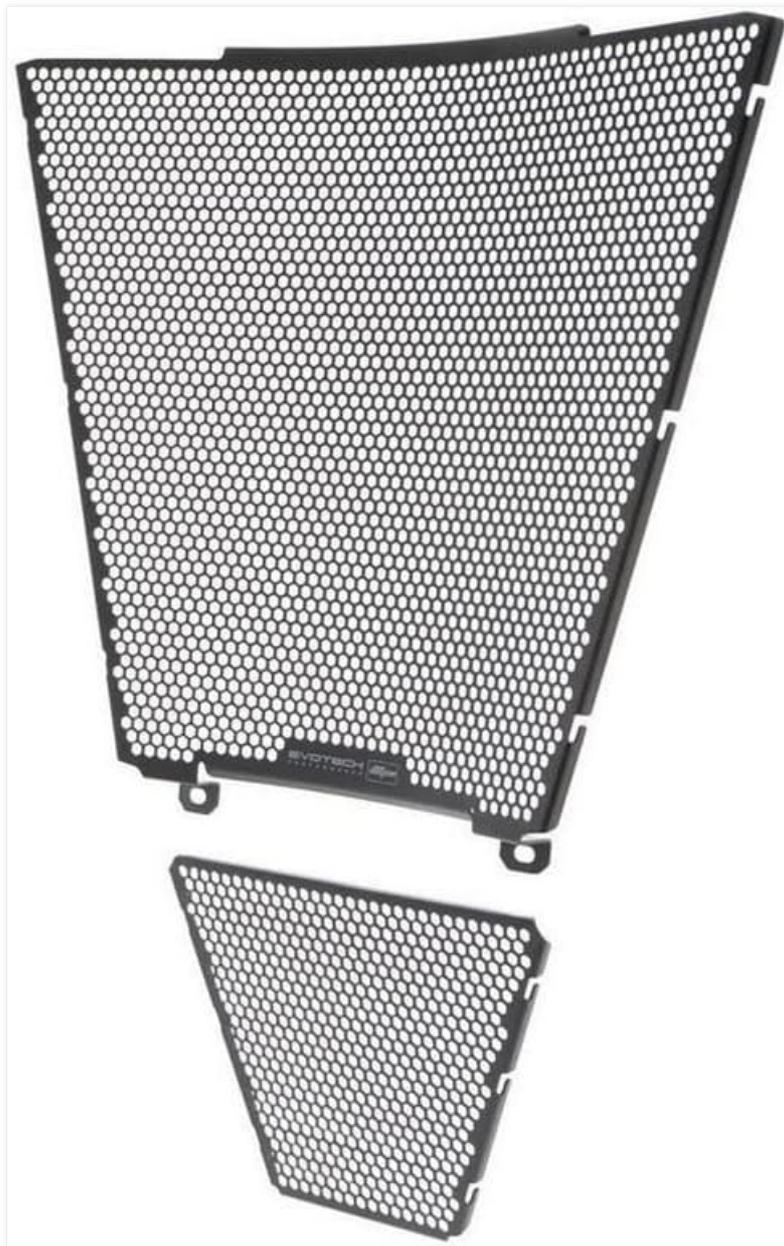


Image: The Honda CBR1000RR-R SP motorcycle, for which this guard set is designed.

## 9. WARRANTY AND SUPPORT

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**Warranty:** This product is covered by a warranty for initial defects only, limited to one week from the date of delivery. A delivery note is required for any warranty claims.

**Support:** For further assistance, technical support, or warranty inquiries, please contact Evotech Performance customer service through their official website or your point of purchase. When contacting support, please have your product model number (PRN014787-014788-01) and proof of purchase readily available.

