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› Evotech Performance Tail Tidy User Manual for Honda CB650R & CBR650R (2021-2023)

## Evotech Performance PRN015287

# Evotech Performance Tail Tidy User Manual

**Brand:** Evotech Performance | **Model:** PRN015287

## 1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your Evotech Performance Tail Tidy, model PRN015287. This product is designed specifically for Honda CB650R Neo Sports Cafe and CBR650R models from years 2021 to 2023. It is engineered to replace the original factory fender, offering a more compact and streamlined appearance while retaining essential functionalities like license plate mounting and signal light integration.

The Tail Tidy is CNC machined from aircraft-grade aluminum and finished with a durable black powder coating, ensuring longevity and a factory-like finish. It includes a new LED license plate light and a plug-and-play loom connector, requiring no modifications to your motorcycle's wiring.



Figure 1: The Evotech Performance Tail Tidy component. This image shows the main bracket assembly, designed to hold the license plate and integrate with the motorcycle's existing signal lights.

## 2. SAFETY INFORMATION

- Always ensure the motorcycle is stable and securely supported before beginning any installation or maintenance.
- Disconnect the motorcycle's battery before performing any electrical work to prevent short circuits or damage.
- Wear appropriate personal protective equipment (PPE), such as gloves and eye protection, during installation.
- If you are unsure about any step of the installation process, consult a qualified motorcycle mechanic.
- Ensure all fasteners are tightened to the manufacturer's recommended torque specifications (if applicable) to prevent components from loosening during operation.
- This product is designed for specific motorcycle models and years (Honda CB650R Neo Sports Cafe & CBR650R, 2021-2023). Do not attempt to install on incompatible models, especially 2024 models onwards, as the design has changed.

## 3. PACKAGE CONTENTS

Verify that all components listed below are present in your package:

- Evotech Performance Tail Tidy main bracket assembly
- LED license plate light
- Loom connector (plug-and-play)
- All required fixings (bolts, nuts, washers)

- License plate adapters (for use if plate locating holes do not align)

## 4. SETUP AND INSTALLATION

The Evotech Performance Tail Tidy is designed for straightforward installation using existing mounting points, requiring no modifications to your motorcycle. Pictorial instructions are available from the manufacturer's website for detailed guidance.

1. **Preparation:** Park the motorcycle on a stable, level surface. Ensure the engine is off and cool. Disconnect the battery if performing electrical work.
2. **Remove Original Fender:** Carefully unbolt and remove the factory fender assembly. Note the routing of any wiring for the license plate light and signal lights.
3. **Install Tail Tidy Bracket:** Position the Evotech Performance Tail Tidy bracket onto the motorcycle's existing mounting points. Secure it using the supplied fixings. Ensure a snug fit without overtightening.
4. **Connect LED License Plate Light:** Attach the new LED license plate light to the Tail Tidy. Connect its loom connector to the motorcycle's wiring harness. This is a plug-and-play connection, so no cutting or splicing of wires is required.
5. **Re-attach Standard Signal Lights:** The Tail Tidy is designed to retain the standard signal lights. Re-attach your motorcycle's original signal lights to the designated mounting points on the Tail Tidy.
6. **Mount License Plate:** Attach your license plate to the Tail Tidy using appropriate fasteners. If your license plate holes do not align, use the provided license plate adapters.
7. **Final Checks:** Reconnect the battery (if disconnected). Test the license plate light and signal lights to ensure they function correctly. Double-check all fasteners for tightness.



Figure 2: Side view of the Evotech Performance Tail Tidy installed on a Honda CB650R/CBR650R. This image highlights the compact

design and how it integrates with the motorcycle's rear section.



Figure 3: Rear-side view of the installed Tail Tidy, showing the license plate mounting area and the integration of the standard signal lights.



*Figure 4: Direct rear view of the motorcycle with the Evotech Performance Tail Tidy installed, demonstrating the clean, minimalist look from behind.*

## **5. OPERATING**

The Evotech Performance Tail Tidy is a static component designed to securely hold your motorcycle's license plate and integrate its standard signal lights. Once correctly installed, it operates passively as part of your motorcycle's rear assembly. Ensure all lights (license plate light and signal lights) function correctly after installation and before riding.

## **6. MAINTENANCE**

To ensure the longevity and appearance of your Evotech Performance Tail Tidy, follow these simple maintenance

guidelines:

- **Cleaning:** Clean the Tail Tidy regularly with a mild soap and water solution. Avoid abrasive cleaners or harsh chemicals that could damage the powder-coated finish.
- **Inspection:** Periodically inspect all mounting bolts and fasteners to ensure they remain tight. Vibrations from riding can sometimes cause fasteners to loosen over time.
- **Electrical Connections:** Check the wiring for the LED license plate light and signal lights for any signs of wear, corrosion, or loose connections.
- **Damage:** In case of any damage to the Tail Tidy, inspect it thoroughly. If structural integrity is compromised, consider replacing the unit to ensure safety and compliance.

## 7. TROUBLESHOOTING

| Problem                                      | Possible Cause                                                               | Solution                                                                                                                                                             |
|----------------------------------------------|------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| License plate light not working              | Loose electrical connection; faulty LED light; blown fuse.                   | Check all connections, ensure they are secure. Inspect the LED light for damage. Check the motorcycle's fuse box for a blown fuse related to lighting.               |
| Signal lights not working after installation | Improper re-connection of signal light wiring; faulty signal light bulb/LED. | Verify that the standard signal lights are correctly re-attached and their wiring is securely connected. Test the signal lights independently.                       |
| Tail Tidy feels loose                        | Mounting bolts are not sufficiently tightened.                               | Carefully re-tighten all mounting bolts to ensure the Tail Tidy is securely fastened to the motorcycle's frame. Do not overtighten.                                  |
| License plate does not fit                   | Incorrect license plate size; holes do not align.                            | Ensure you are using the correct size license plate for your region. Utilize the provided license plate adapters if the mounting holes do not align with your plate. |

## 8. SPECIFICATIONS

| Feature                      | Detail                                                              |
|------------------------------|---------------------------------------------------------------------|
| Product Name                 | Tail Tidy                                                           |
| Model Number                 | PRN015287                                                           |
| Brand                        | Evotech Performance                                                 |
| Compatible Motorcycle Models | Honda CB650R Neo Sports Cafe (2021-2023), Honda CBR650R (2021-2023) |
| Material                     | Aircraft Grade Aluminum                                             |
| Finish                       | Black Powder Coated                                                 |
| License Plate Light          | Integrated LED, Plug-and-Play                                       |
| Signal Light Compatibility   | Retains standard OEM signal lights                                  |
| Installation                 | No modifications to bike required, uses existing mounting points    |

## 9. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the official Evotech Performance website or contact your authorized dealer. Ensure you have your product model number (PRN015287) and purchase details available when seeking support.

*Note: For insurance purposes, a signature may be required upon delivery if the package contents amount to \$250 or above.*

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

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

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