OHC MOTORS Openwork Design

OHC MOTORS Real Carbon Fibre Magnetic Paddle Shifter Extensions User Manual

Model: Openwork Design

1. Introduction

Thank you for choosing the OHC MOTORS Real Carbon Fibre Magnetic Paddle Shifter Extensions. These extensions are designed to enhance your driving experience by providing a more tactile and responsive gear shifting mechanism. Crafted from real carbon fiber, they offer durability and a lightweight design for optimal performance. This manual provides essential information regarding product compatibility, installation, operation, and care.

2. Product Overview



Image 2.1: The OHC MOTORS Real Carbon Fibre Magnetic Paddle Shifter Extensions, showing the two paddle units with connecting wires.

The OHC MOTORS Magnetic Paddle Shifter Extensions are precision-engineered accessories for your vehicle's steering wheel. They feature an openwork design, providing a distinct aesthetic and tactile feedback. The magnetic mechanism ensures a crisp and satisfying 'tick-tock' sound with each gear change, enhancing the engagement with your vehicle's transmission.

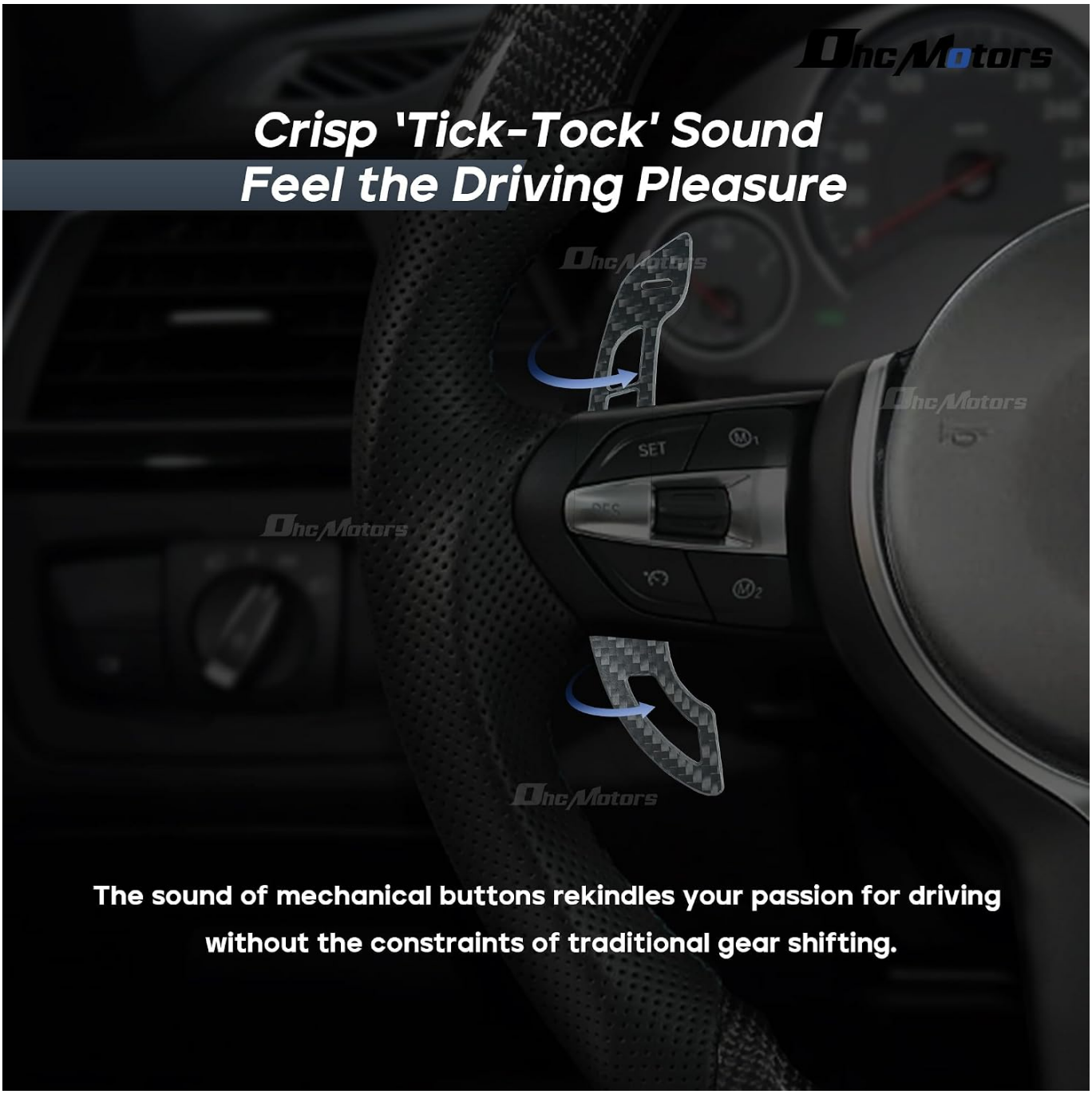


Image 2.2: Close-up view of the paddle shifter on a steering wheel, highlighting the magnetic mechanism that produces a distinct 'tick-tock' sound during operation.

3. Compatibility

These magnetic paddle shifter extensions are primarily designed for specific BMW M-Series models and the Toyota A90 Supra MK5. Please verify your vehicle's model and series against the list below to ensure proper fitment. If you are uncertain about compatibility, it is recommended to contact OHC MOTORS customer support for assistance.



Image 3.1: A comprehensive list detailing compatible BMW F-Series, G-Series, M models, X models, and Toyota GR Supra models for the paddle shifters.

Applicable Models:

- **BMW M3 F-Series models and Toyota A90 Supra for MK5**
- **BMW F-Series:** F20, F21, F52, F40, F22, F23, F45, F46, G42, F30, F31, F34, F35, G80, F32, F33, F36, G22, G23, G80, G82, G83, G87, G30, G38, G11, G12
- **BMW M Models:** F80, F82, F83, F87, F90
- **BMW X Models:** F15, F16, F25, F26, F48, F49, F85, F86, G02, G05, G06, G07, G08

Note: If your vehicle is an F10, F12, F01, M5, M6 Series, 6 Series, or 7 Series model, please confirm that your steering wheel is an M Sport steering wheel and that the base type and size of the shift paddles match those of the original vehicle's shift paddles. This will allow you to easily switch from an F3X/GXX model to an F1X model.

4. Package Contents

Upon opening the package, please ensure all components are present and undamaged. The standard package includes:

- 2 x Real Carbon Fibre Magnetic Paddle Shifter Extensions (Left and Right)
- 1 x Wiring Harness
- Mounting Screws
- Hex Keys for installation



Image 4.1: The complete package contents, including the carbon fiber paddle shifters, wiring, mounting screws, and hex keys.

5. Setup and Installation

The installation of these carbon fiber paddle shifters is designed to be straightforward. However, to ensure correct functionality and avoid potential damage to your vehicle's steering wheel components, professional installation is highly recommended. The process typically takes only a few minutes for experienced technicians.

General Installation Steps (Consult a Professional):

1. **Safety First:** Ensure the vehicle is turned off and the battery is disconnected before beginning any work on the steering wheel.
2. **Access Existing Paddles:** Carefully remove any trim or covers necessary to access the existing paddle shifters and their wiring.
3. **Disconnect Old Paddles:** Disconnect the wiring from the original paddle shifters.
4. **Remove Old Paddles:** Unscrew and remove the original paddle shifters from the steering wheel assembly.
5. **Install New Paddles:** Position the OHC MOTORS magnetic paddle shifters in place. Secure them using the provided

mounting screws.

6. **Connect Wiring:** Connect the new wiring harness to the vehicle's existing connectors. Ensure a secure and correct connection.
7. **Test Functionality:** Reconnect the battery and test the functionality of the new paddle shifters before reassembling any removed trim.
8. **Reassemble:** Carefully reattach all removed trim and covers.



Image 5.1: The paddle shifter seamlessly integrated into a steering wheel, demonstrating the ease of replacement and installation.

6. Operating Instructions

Once installed, the magnetic paddle shifters operate similarly to your vehicle's original paddle shifters, providing manual control over gear selection in compatible driving modes.

- **Upshift:** Pull the right paddle shifter towards you to engage a higher gear.
- **Downshift:** Pull the left paddle shifter towards you to engage a lower gear.

The magnetic mechanism provides a distinct, audible 'tick-tock' feedback with each shift, enhancing the driving experience. Always refer to your vehicle's owner's manual for specific instructions on using paddle shifters and selecting appropriate driving modes.

7. Maintenance

To ensure the longevity and appearance of your carbon fiber paddle shifters, follow these simple maintenance guidelines:

- **Cleaning:** Wipe the carbon fiber surface with a soft, damp cloth. Avoid abrasive cleaners or solvents that could damage the finish.
- **Inspection:** Periodically check the mounting screws for tightness and ensure the wiring connections remain secure.
- **Avoid Harsh Chemicals:** Do not expose the paddles to harsh chemicals or extreme temperatures, which can degrade the carbon fiber material.



Image 7.1: A detailed view of the high-definition 3K woven twill design of the carbon fiber, emphasizing its texture and quality.

8. Troubleshooting

If you encounter any issues with your OHC MOTORS Magnetic Paddle Shifter Extensions, consider the following common troubleshooting steps:

- **Paddles Not Responding:**
  - Ensure all wiring connections are secure and properly seated.
  - Verify that your vehicle is in a driving mode that supports manual gear shifting via paddles.
  - Check for any obstructions around the paddle mechanism.
- **Loose Paddles:**
  - Inspect and tighten the mounting screws if they have become loose.
- **Unusual Noises:**
  - While a 'tick-tock' sound is normal, any grinding or unusual noises should be investigated. Re-check installation or consult a professional.

If problems persist after attempting these steps, please contact OHC MOTORS customer support for further assistance.

9. Specifications

Feature	Detail
Brand	OHC MOTORS
Model	Openwork Design
Material	Real Carbon Fibre
Mechanism	Magnetic
Item Weight	10.6 ounces (approximately 300 grams)
Product Dimensions	7.48 x 1.97 x 6.69 inches (approximately 19 x 5 x 17 cm)
Exterior Finish	Smooth

10. Warranty and Support

OHC MOTORS is committed to quality and customer satisfaction. While specific warranty details are not provided in this manual, we encourage you to contact us directly if you encounter any issues or have questions regarding your product.

Customer Support: If you experience any problems or require assistance, please contact OHC MOTORS customer support. We aim to reply and resolve your concerns within 24 hours.

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