

MACIMAI F-HWD-855-O-LHA

MACIMAI LED Outer-Left Tail Light for Audi A5 (2017-2020)

Model: F-HWD-855-O-LHA

Brand: MACIMAI

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your MACIMAI LED Outer-Left Tail Light. Please read this manual thoroughly before installation and use to ensure proper function and safety.

1.1 Safety Information

- Always disconnect the vehicle's battery before performing any electrical work to prevent electrical shock or damage.
- Wear appropriate personal protective equipment, such as gloves and eye protection, during installation.
- Ensure the vehicle is parked on a level surface with the parking brake engaged.
- Professional installation is highly recommended for automotive lighting components.

2. PRODUCT OVERVIEW

The MACIMAI LED Outer-Left Tail Light is a replacement automotive lighting component designed for specific Audi A5 models. It features LED technology for enhanced visibility and durability.

2.1 Features

- Integrated LED lighting for tail and brake functions.
- Constructed from durable ABS material.
- Dust-proof, shock-proof, and waterproof design for reliable operation in various weather conditions.
- Lens features a special coating to prevent hazing and fading, maintaining proper illumination.

2.2 Specifications

Specification	Detail
Brand	MACIMAI
Model Number	F-HWD-855-O-LHA
Specific Uses	Rear Lights
Vehicle Service Type	Car
Special Feature	Waterproof
Lens Color	Red
Lens Material	Polycarbonate



Figure 1: MACIMAI LED Outer-Left Tail Light. This image shows the complete tail light assembly, highlighting its design and red lens.

3. COMPATIBILITY

This tail light is specifically designed for the following vehicle models:

- Audi A5: 2017, 2018, 2019, 2020 models.

Important Note: Please confirm that this tail light is compatible with your specific vehicle before purchase. Due to

regional variations, product compatibility may differ. If you are unsure about fitment, please provide your car's frame number, model name, year, and a photo of your current tail light to the manufacturer or seller for verification.



For Audi A5 2017-2020



Figure 2: Example of MACIMAI LED Tail Lights installed on an Audi A5. This image illustrates the appearance of the tail lights when fitted to the vehicle.

4. INSTALLATION

The MACIMAI LED Tail Light is designed for plug-and-play installation. However, detailed step-by-step instructions are not included in this package. Professional installation by a qualified technician is strongly recommended to ensure correct fitment and electrical connection, preventing potential damage to the vehicle or the product.

4.1 Pre-Installation Checks

- Verify that the received tail light matches the intended replacement part for your vehicle.
- Inspect the tail light for any visible damage before beginning installation.

4.2 Installation Procedure (General Guidance)

1. Access the rear tail light assembly from inside the trunk or by removing necessary trim panels.
2. Disconnect the electrical connector from the existing tail light.
3. Remove any mounting bolts or clips securing the old tail light.
4. Carefully remove the old tail light assembly.

5. Position the new MACIMAI LED Tail Light into place.
6. Secure the new tail light with the original mounting hardware.
7. Connect the electrical plug to the new tail light's connector. Ensure a secure connection.
8. Test all lighting functions (tail lights, brake lights, turn signals) before reassembling any removed trim.



Figure 3: Electrical connector detail. This image shows the multi-pin electrical connector for the tail light, indicating its plug-and-play design.



Figure 4: Rear view of the tail light assembly. This image displays the back of the tail light, including its mounting points and internal structure.

5. OPERATION

Once correctly installed, the MACIMAI LED Tail Light operates automatically with your vehicle's existing lighting system. It functions as a rear tail light and brake lamp, providing illumination and signaling to other drivers.

- **Tail Light Function:** Illuminates when the vehicle's headlights or parking lights are activated.
- **Brake Light Function:** Brightens significantly when the brake pedal is pressed.



Figure 5: MACIMAI LED Tail Light in illuminated state. This image shows the tail light with its LEDs active, demonstrating its brightness and pattern.

6. MAINTENANCE

The MACIMAI LED Tail Light is designed for long-term durability with minimal maintenance. Regular cleaning and inspection will help maintain its performance and appearance.

- **Cleaning:** Clean the lens surface periodically with a soft cloth and mild automotive cleaning solution. Avoid abrasive cleaners or harsh chemicals that could damage the lens coating.
- **Inspection:** Periodically check the tail light for any signs of damage, cracks, or loose connections. Ensure all lighting functions are operating correctly.
- **Lens Protection:** The special coating on the lens helps prevent hazing and fading. Avoid scratching the lens surface to preserve this protective layer.



Figure 6: Close-up of the tail light lens. This image highlights the intricate design and texture of the LED lens, which contributes to light distribution and durability.

7. TROUBLESHOOTING

If you experience issues with your MACIMAI LED Tail Light, consider the following common troubleshooting steps:

- **Light Not Functioning:** Check the electrical connection to ensure it is securely plugged in. Inspect the vehicle's fuse box for any blown fuses related to the tail lights.
- **Intermittent Operation:** Verify that all connections are tight and free from corrosion.
- **Dim or Incorrect Color:** Ensure the vehicle's electrical system is providing proper voltage. If the issue persists, professional diagnosis may be required.

For persistent issues, it is recommended to consult a professional automotive technician.

8. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please contact your original point of purchase or the MACIMAI customer service department. Keep your purchase receipt and product model number (F-HWD-855-O-LHA) readily available when contacting support.

