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CarLights360 DP-Fits-FO2592227

CarLights360 Mercury Grand Marquis Fog Light Assembly (2006-2011) Instruction Manual

Model: DP-Fits-FO2592227

1. Introduction

This manual provides detailed instructions for the installation, operation, and maintenance of your CarLights360 Fog Light Assembly for the Mercury Grand Marquis (2006-2011). Please read this manual thoroughly before beginning any procedures to ensure proper function and safety.

2. Product Overview

The CarLights360 Fog Light Assembly is designed as a direct replacement for the original fog lights on 2006-2011 Mercury Grand Marquis vehicles. This pair includes both driver and passenger side assemblies, featuring durable glass lenses and a waterproof design for reliable performance in various weather conditions. The product is DOT Certified, ensuring compliance with safety standards.



Figure 2.1: CarLights360 Fog Light Assembly (Pair) for Mercury Grand Marquis.



Figure 2.2: Compatibility with Mercury Grand Marquis (2006-2011) Fog Light Assembly.

3. Safety Information

Always prioritize safety when working on your vehicle. Failure to follow these safety guidelines may result in injury or damage to your vehicle.

- Ensure the vehicle is turned off and the battery is disconnected before beginning installation.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Use proper lifting equipment (jack stands) to secure the vehicle if it needs to be raised.
- Do not touch the bulb directly with bare hands, as oils can reduce bulb life.
- If you are unsure about any step, consult a qualified automotive technician.

4. Package Contents

Your CarLights360 Fog Light Assembly package should contain the following items:

- 1x Driver Side Fog Light Assembly

- 1x Passenger Side Fog Light Assembly

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Video 4.1: This video demonstrates the secure packaging and general assembly of a WEELMOTO headlight, providing insight into the care taken during shipping and the typical components of a lighting assembly.

5. Installation Instructions

The CarLights360 Fog Light Assembly is designed for a direct, plug-and-play installation. The following steps provide a general guide. Specific vehicle disassembly may vary.

1. **Prepare the Vehicle:** Park your Mercury Grand Marquis on a level surface. Turn off the engine and engage the parking brake. Disconnect the negative terminal of the vehicle's battery to prevent electrical shorts.
2. **Access the Fog Lights:** Depending on your vehicle's configuration, you may need to remove the front bumper, fender liner, or splash guard to access the existing fog light assemblies. Refer to your vehicle's service manual for specific removal procedures.
3. **Disconnect Wiring:** Locate the wiring harness connected to the back of the existing fog light assembly. Carefully disconnect the electrical connector.
4. **Remove Old Assembly:** Unbolt or unclip the old fog light assembly from its mounting points. Keep any hardware for reuse if necessary.
5. **Install New Assembly:** Position the new CarLights360 Fog Light Assembly into the opening. Secure it using the original hardware or any provided with the new assembly. Ensure it is firmly seated and aligned.
6. **Connect Wiring:** Connect the vehicle's wiring harness to the new fog light assembly. Ensure a secure connection.
7. **Test Functionality:** Before reassembling the bumper or other components, reconnect the vehicle's battery. Turn on the vehicle's fog lights to verify they are functioning correctly. Check for proper illumination and alignment.
8. **Reassemble Vehicle:** Once functionality is confirmed, reattach any removed components (bumper, fender liner, etc.) in reverse order of removal.



Figure 5.1: Rear view of the fog light assembly, highlighting the electrical connector for plug-and-play installation.

Your browser does not support the video tag.

Video 5.1: This video provides a visual overview of the CarLights360 Fog Light Assembly for the Mercury Grand Marquis, demonstrating its features and compatibility.

6. Operation

Once installed, the CarLights360 Fog Light Assembly operates in conjunction with your vehicle's existing fog light switch. Refer to your Mercury Grand Marquis owner's manual for specific instructions on activating and deactivating your vehicle's fog lights.

- Fog lights are typically used in conditions of reduced visibility, such as fog, heavy rain, or snow.
- Ensure fog lights are turned off when not needed to avoid dazzling other drivers.

7. Maintenance

Regular maintenance helps ensure the longevity and optimal performance of your fog lights.

- **Cleaning:** Clean the fog light lenses regularly with a soft cloth and mild automotive cleaner to remove dirt and debris that can obstruct light output. Avoid abrasive cleaners.
- **Inspection:** Periodically inspect the fog light assemblies for any signs of damage, cracks, or moisture intrusion. Check the wiring harness for secure connections and any signs of wear.
- **Bulb Replacement:** If a bulb burns out, replace it with a bulb of the correct type and wattage as specified in your vehicle's owner's manual or on the fog light assembly itself. Disconnect the battery before replacing bulbs.

8. Troubleshooting

If you encounter issues with your fog lights, consider the following troubleshooting steps:

Problem	Possible Cause	Solution
Fog lights not turning on	Blown fuse, faulty bulb, loose wiring connection, faulty switch	Check vehicle's fuse box and replace blown fuse. Inspect and replace bulbs. Verify all wiring connections are secure. Test the fog light switch.
Dim or flickering lights	Loose connection, failing bulb, insufficient power supply	Check wiring connections. Replace bulbs. Inspect vehicle's electrical system.
Moisture inside the lens	Seal compromise, temporary condensation	Small amounts of condensation are normal and should dissipate. If excessive or persistent, inspect seals for damage. Ensure proper installation.

9. Specifications

- **Brand:** CarLights360
- **Model Number:** DP-Fits-FO2592227
- **OEM Part Numbers:** 8W3Z 15200 A, 8W3Z 15200 B
- **Partslink Numbers:** FO2592227, FO2593227
- **Vehicle Service Type:** Mercury Grand Marquis (2006, 2007, 2008, 2009, 2010, 2011)
- **Auto Part Position:** Driver and Passenger Side
- **Lens Material:** Glass
- **Lens Color:** White
- **Special Feature:** Waterproof
- **Safety Rating:** DOT Certified
- **Item Dimensions (L x W x H):** 14.67 x 8.71 x 5.96 inches
- **Item Weight:** 3.93 pounds
- **Assembly Required:** No

10. Warranty and Support

CarLights360 is committed to providing high-quality automotive lighting products and excellent after-sales service. For specific warranty details, product support, or technical assistance, please refer to the warranty information included with your purchase or contact CarLights360 customer service directly. Keep your proof of purchase for warranty claims.

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