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› AKKON 2014-2017 Lexus CT200H LED Bumper Fog Light Instruction Manual

AKKON CT200H

AKKON LED Bumper Fog Light Instruction Manual

Model: CT200H | Brand: AKKON

Compatible with 2014-2017 Lexus CT200h Base Models

1. INTRODUCTION

Thank you for choosing AKKON LED Bumper Fog Lights. This manual provides essential information for the proper installation, operation, and maintenance of your new fog lights. These lights are designed as a direct bolt-on replacement for the original bumper fog lights on 2014-2017 Lexus CT200h Base Models. They are not compatible with F Sport models.

For optimal performance and safety, please read this manual thoroughly before proceeding with installation or use.

2. SAFETY INFORMATION

- Always disconnect the vehicle's battery before performing any electrical work to prevent electrical shock or damage to the vehicle's electrical system.
- Wear appropriate personal protective equipment, including safety glasses and gloves, during installation.
- Ensure the vehicle is securely parked on a level surface with the parking brake engaged before beginning work.
- Allow the vehicle's engine and any hot components to cool down before working in the engine bay or near exhaust systems.
- If you are unsure about any step of the installation process, consult a qualified automotive technician.

3. PACKAGE CONTENTS

Your AKKON LED Bumper Fog Light package includes the following components:

- Left LED Bumper Fog Light Assembly (1 unit)
- Right LED Bumper Fog Light Assembly (1 unit)
- Wiring Harness with Switch Accessories (1 set)
- Mounting Hardware (screws, zip ties)



Figure 3.1: Package contents including fog light assembly, wiring, and hardware.

4. SETUP (INSTALLATION)

These fog lights are designed for direct bolt-on replacement of your vehicle's original fog lights. No wiring modifications are required for the main light units. However, the included switch accessories will require integration into your vehicle's electrical system.

Important Note: Installation guides or detailed instructions specific to your vehicle's bumper removal and wiring are not included with this product. Professional installation is strongly recommended to ensure correct fitment and electrical connection.

General Installation Steps (Consult a professional for vehicle-specific details):

1. **Prepare the Vehicle:** Park the vehicle on a level surface, engage the parking brake, and turn off the engine. Disconnect the negative terminal of the vehicle's battery.
2. **Access Fog Light Area:** Depending on your Lexus CT200h model, this may involve removing parts of the front

bumper or fender liners to access the existing fog light assemblies.

3. **Remove Old Fog Lights:** Disconnect the electrical connector from the existing fog light. Unscrew or unclip the old fog light assembly from its mounting bracket.
4. **Install New Fog Lights:** Connect the electrical connector from the vehicle to the new AKKON LED fog light assembly. Secure the new fog light assembly into the existing mounting points using the provided hardware. Ensure a snug and secure fit.
5. **Wire the Switch (if applicable):** If using the included switch accessories, follow the wiring diagram provided with the switch to connect it to a suitable power source (e.g., fuse box) and the fog lights. This typically involves connecting power, ground, and a trigger wire.
6. **Test Functionality:** Reconnect the vehicle's battery. Turn on the vehicle's ignition and test the fog lights to ensure they illuminate correctly and the switch operates as intended.
7. **Reassemble:** Reinstall any removed bumper parts or fender liners.



Figure 4.1: Detail of the fog light mounting point.

5. OPERATING INSTRUCTIONS

Once installed, the AKKON LED Bumper Fog Lights are operated via the included switch or your vehicle's factory fog light switch, depending on how they were wired during installation.

- **Using the Included Switch:** Press the switch to turn the fog lights ON. Press it again to turn them OFF.
- **Using Factory Switch:** If wired to the factory fog light circuit, operate them using your vehicle's existing fog light control.

The LED fog lights provide bright, clear illumination for improved visibility in adverse weather conditions such as fog, rain, or snow.

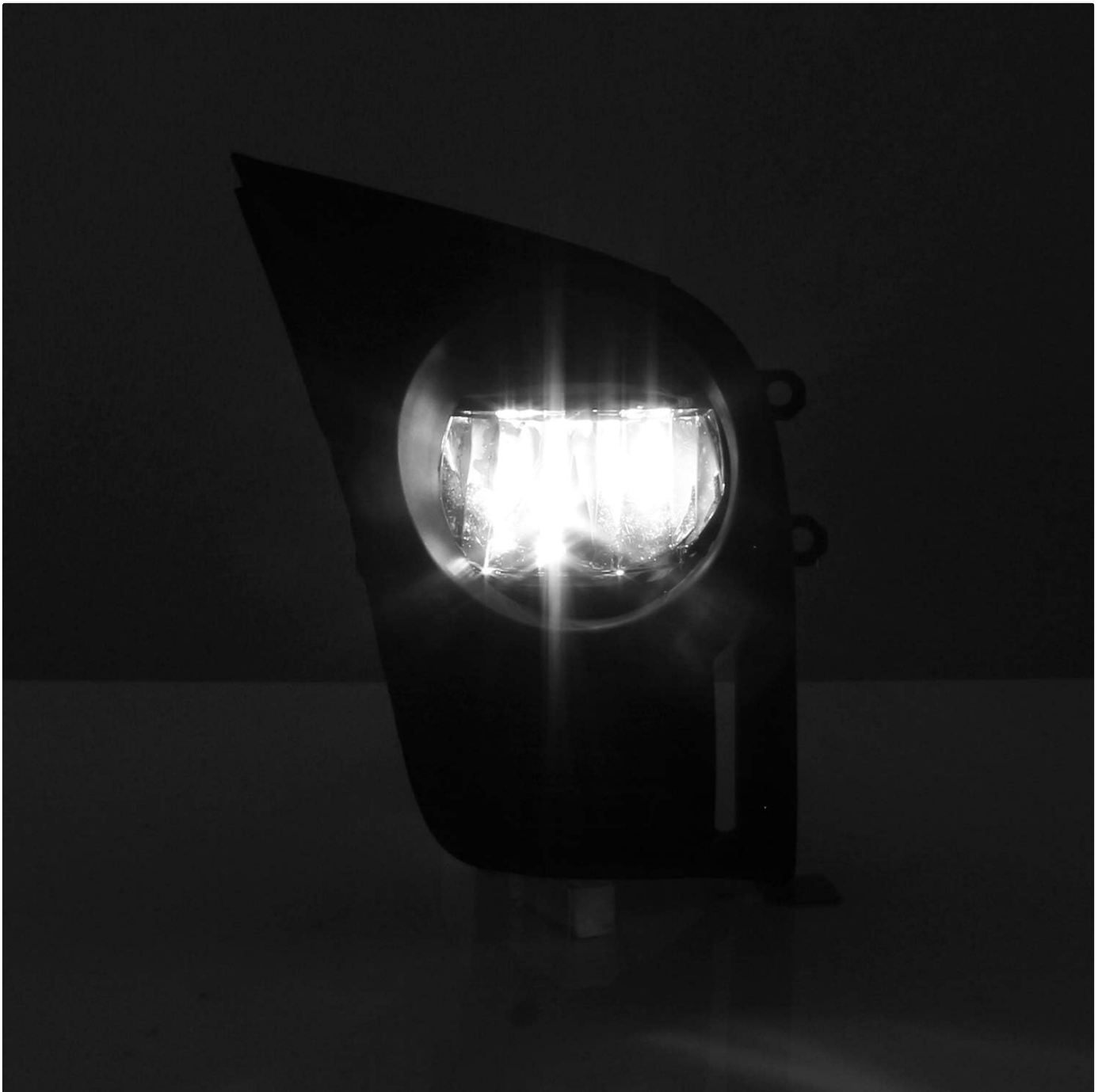


Figure 5.1: AKKON LED fog light in operation.

6. MAINTENANCE

The AKKON LED Bumper Fog Lights are designed for durability and minimal maintenance. Follow these guidelines to ensure their longevity:

- **Cleaning:** Clean the lens surfaces regularly with a soft cloth and mild automotive cleaning solution. Avoid abrasive cleaners or harsh chemicals that could damage the polycarbonate lens material.
- **Inspection:** Periodically inspect the fog lights for any signs of damage, loose connections, or corrosion. Ensure

mounting hardware remains secure.

- **Waterproof Design:** The lights feature a waterproof design. However, avoid directing high-pressure water jets directly at the light housing or electrical connections during vehicle washing.

7. TROUBLESHOOTING

If you experience issues with your AKKON LED Bumper Fog Lights, consider the following troubleshooting steps:

- **Lights Not Illuminating:**
 - Check all electrical connections to ensure they are secure and properly seated.
 - Verify that the vehicle's battery is properly connected and charged.
 - Inspect any fuses in the fog light circuit (either factory or aftermarket) and replace if blown.
 - Ensure the switch is functioning correctly.
- **Intermittent Operation:**
 - Check for loose wiring or corroded terminals.
 - Ensure proper grounding.
- **Moisture Inside Lens:**
 - Small amounts of condensation can occur due to temperature changes and usually dissipate. If excessive moisture or water ingress is present, inspect the housing for cracks or improper sealing.

If these steps do not resolve the issue, it is recommended to consult a professional automotive technician.

8. SPECIFICATIONS

Brand	AKKON
Model Compatibility	2014-2017 Lexus CT200h Base Model
Light Source Type	LED
Lens Material	Polycarbonate
Lens Color	Clear
Housing Color	Chrome Housing
Placement on Vehicle	Front, Left, Right
Special Features	Waterproof
Certifications	DOT & SAE Approved
GTIN	192744033311
ASIN	B07L6QKQ24

9. WARRANTY AND SUPPORT

Specific warranty information for this product is not provided in the available data. Please refer to the retailer or manufacturer's official website for details regarding warranty coverage and terms.

For technical support or inquiries, please contact AKKON customer service through the retailer's platform or their official contact channels.

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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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