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United Pacific 34133

United Pacific 34133 LED Heated Headlight Instruction Manual

MODEL: 34133

Brand: United Pacific

Introduction

This manual provides comprehensive instructions for the installation, operation, and maintenance of your United Pacific 34133 LED Heated Headlight. Please read this manual thoroughly before installation and use to ensure proper function and safety.



This image displays the front view of the United Pacific 34133 LED Heated 4x6 Rectangle Headlight. The headlight features a black housing and a clear lens, revealing the internal LED light bars. The design is rectangular, suitable for various automotive applications.

Safety Information

- Always disconnect the vehicle's battery before performing any electrical work.
- Wear appropriate personal protective equipment, including safety glasses and gloves.
- Ensure all wiring connections are secure and properly insulated to prevent short circuits.

- Consult a qualified automotive technician if you are unsure about any installation steps.
- Do not modify the headlight assembly. Unauthorized modifications may void the warranty and compromise safety.

Package Contents

Verify that all items are present before beginning installation:

- 1 x United Pacific 34133 Headlight (RH/LH, LED, Heated, 4 x 6, Rectangle)
- *Note: Installation hardware and wiring harnesses may be sold separately or integrated. Refer to your vehicle's specific requirements.*

Specifications

Feature	Detail
Brand	United Pacific
Model Number	34133
Type	LED Headlight, Low Beam
Dimensions (L x W x H)	7.6 x 5.3 x 4.9 inches
Shape	Rectangle (4 x 6 inch)
Housing Color	Black
Reflector Color	Black
Lens Material	Glass
Lens Color	Yellow (<i>Note: Refers to internal LED element color; main lens is clear</i>)
Special Features	Heated, Waterproof
Wattage	20 watts
Vehicle Service Type	Car (Universal Fit)
Assembly Required	No
Item Weight	1 pound
UPC	710270341337

Setup and Installation

This headlight is designed for universal fitment in vehicles requiring 4x6 inch rectangular headlights. Installation procedures may vary slightly depending on your specific vehicle model. Always refer to your vehicle's service manual for specific headlight removal and installation instructions.

1. Preparation:

- Park the vehicle on a level surface and engage the parking brake.
- Turn off the engine and remove the key from the ignition.
- Disconnect the negative terminal of the vehicle's battery to prevent electrical hazards.

- Allow existing headlights to cool down if they have been recently in use.

2. Remove Existing Headlight:

- Locate and remove any retaining rings, screws, or clips securing the old headlight assembly.
- Carefully pull the old headlight forward and disconnect the electrical connector from the back.
- Remove the old headlight from the vehicle.

3. Install New Headlight:

- Connect the electrical connector of the United Pacific 34133 headlight to the vehicle's wiring harness. Ensure a secure and proper connection.
- Carefully position the new headlight into the headlight bucket or mounting frame.
- Secure the headlight using the original retaining rings, screws, or clips. Ensure it is firmly seated and does not wobble.

4. Wiring for Heated Function (if applicable):

- The heated function typically requires a separate power connection. Consult the wiring diagram provided with your specific vehicle or a qualified technician for integrating the heated element into your vehicle's electrical system.
- Ensure the heated element is connected to a switched power source (e.g., ignition-on) and properly fused.

5. Final Checks:

- Reconnect the negative terminal of the vehicle's battery.
- Turn on the vehicle's headlights and verify that both low beams are functioning correctly.
- Test the heated function if it has been wired.
- Adjust the headlight aim according to local regulations and vehicle manufacturer specifications. This usually involves adjusting screws on the headlight assembly.

Operating Instructions

- **Low Beam Operation:** The United Pacific 34133 headlight functions as a low beam. Activate your vehicle's low beam headlights as you normally would. The LED elements will illuminate, providing clear forward illumination.
- **Heated Function:** The integrated heated element is designed to prevent ice and snow buildup on the lens. This function typically activates automatically when the ambient temperature drops below a certain threshold or can be manually controlled if wired to a switch. Refer to your vehicle's specific wiring setup for details on activation.

Maintenance

- **Cleaning:** Clean the headlight lens regularly with a soft cloth and mild soap and water. Avoid abrasive cleaners or harsh chemicals that could damage the lens material.
- **Inspection:** Periodically inspect the headlight for any signs of damage, loose connections, or moisture ingress. Ensure the mounting hardware remains secure.
- **LED Lifespan:** LED lights have a long lifespan and generally do not require replacement under normal operating conditions.

Troubleshooting

Problem	Possible Cause	Solution
Headlight does not illuminate.	<ul style="list-style-type: none"> Loose or incorrect wiring connection. Blown fuse in vehicle's electrical system. Faulty switch or relay. 	<ul style="list-style-type: none"> Check all wiring connections for security and proper polarity. Inspect the vehicle's fuse box and replace any blown fuses. Test the headlight switch and associated relays.
Heated function is not working.	<ul style="list-style-type: none"> Incorrect wiring for heated element. Blown fuse for heated circuit. Ambient temperature is not low enough for automatic activation. 	<ul style="list-style-type: none"> Verify heated element wiring according to vehicle specifications. Check the fuse for the heated circuit. Confirm ambient temperature conditions for automatic activation or test manual switch if installed.
Moisture inside the lens.	<ul style="list-style-type: none"> Improper seal or damage to housing. Condensation due to temperature changes (minor condensation is normal and should dissipate). 	<ul style="list-style-type: none"> Inspect the housing and seals for damage. Ensure proper installation. If condensation persists or is excessive, contact customer support.

Warranty Information

United Pacific products are manufactured to high-quality standards. For specific warranty terms and conditions, please refer to the warranty documentation included with your purchase or visit the official United Pacific website. Keep your proof of purchase for warranty claims.

Customer Support

If you encounter any issues or have questions regarding your United Pacific 34133 Headlight that are not addressed in this manual, please contact United Pacific customer support through their official website or the retailer from whom you purchased the product.

Website: www.unitedpacific.com