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Custom Dynamics PB-575-B

Custom Dynamics ProBEAM 5 3/4" LED Headlamp Instruction Manual

Model: PB-575-B

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Custom Dynamics ProBEAM 5 3/4" LED Headlamp, model PB-575-B. Please read this manual thoroughly before installation and use to ensure proper function and safety.



Figure 1: Front view of the Custom Dynamics ProBEAM 5 3/4" LED Headlamp (PB-575-B). This image shows the clear lens, the upper LED light bars, and the lower projector-style LED elements, along with the Custom Dynamics logo at the bottom.

SAFETY INFORMATION

Always observe the following safety precautions:

- Disconnect the vehicle's battery before performing any electrical work.
- Ensure all connections are secure and properly insulated to prevent short circuits.
- Consult a qualified technician if you are unsure about any installation steps.
- Do not modify the headlamp in any way, as this may void the warranty and compromise safety.
- Wear appropriate personal protective equipment (PPE) during installation.

PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- 1x Custom Dynamics ProBEAM 5 3/4" LED Headlamp (PB-575-B)

- 1x Wiring Harness (if applicable, check product packaging)
- 1x Instruction Manual (this document)

SETUP AND INSTALLATION

1. **Preparation:** Park the vehicle on a level surface and turn off the ignition. Disconnect the negative terminal of the vehicle's battery.
2. **Remove Existing Headlamp:** Carefully remove the bezel or retaining ring securing the existing 5 3/4" headlamp. Disconnect the wiring harness from the old headlamp.
3. **Install ProBEAM Headlamp:** Connect the wiring harness of the ProBEAM LED headlamp to the vehicle's headlamp connector. Ensure the connection is secure.
4. **Secure Headlamp:** Place the ProBEAM LED headlamp into the headlamp bucket. Reinstall the retaining ring or bezel to secure the headlamp in place.
5. **Reconnect Battery:** Reconnect the negative terminal of the vehicle's battery.
6. **Test Functionality:** Turn on the vehicle's ignition and test the headlamp's low beam, high beam, and any integrated auxiliary functions (e.g., daytime running lights, if applicable).
7. **Aiming:** Adjust the headlamp aim according to local regulations and for optimal visibility without blinding oncoming traffic. Refer to your vehicle's service manual for specific aiming procedures.

Note: Specific installation steps may vary depending on the vehicle model. Always refer to your vehicle's service manual for detailed instructions on removing and installing headlamps.

OPERATING INSTRUCTIONS

The Custom Dynamics ProBEAM LED Headlamp operates in conjunction with your vehicle's existing headlamp switch. It features both low beam and high beam functions.

- **Low Beam:** Activate your vehicle's low beam setting for standard illumination.
- **High Beam:** Activate your vehicle's high beam setting for increased illumination when conditions permit.

The LED technology provides instant-on illumination and a crisp, clear light output. No special operating procedures are required beyond standard vehicle headlamp operation.

MAINTENANCE

The Custom Dynamics ProBEAM LED Headlamp is designed for long-lasting performance with minimal maintenance.

- **Cleaning:** Clean the headlamp lens with a soft cloth and mild soap and water. Avoid abrasive cleaners or solvents, as these can damage the lens.
- **Inspection:** Periodically inspect the headlamp for any signs of damage, loose connections, or moisture ingress.
- **Bulb Replacement:** The LED elements are designed to last the lifetime of the product and are not user-replaceable. If the headlamp malfunctions, contact Custom Dynamics support.

TROUBLESHOOTING

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Headlamp does not illuminate	Loose or incorrect wiring connection Blown fuse Faulty vehicle headlamp switch Damaged headlamp unit	Check all wiring connections and ensure they are secure. Inspect and replace the vehicle's headlamp fuse if blown. Test the vehicle's headlamp switch. Contact Custom Dynamics support for further assistance.
Headlamp flickers or is dim	Poor electrical connection Insufficient power supply Voltage fluctuations	Verify all connections are clean and tight. Ensure the vehicle's electrical system is providing adequate voltage. Consult a qualified technician to diagnose electrical system issues.
Moisture inside the lens	Seal integrity compromised Condensation (minor fogging is normal and should dissipate)	If significant moisture or water is present, contact Custom Dynamics support. Allow minor condensation to dissipate naturally.

SPECIFICATIONS

Feature	Detail
Model Number	PB-575-B
Headlamp Size	5 3/4 inches
Light Source	LED
Color	Black (housing), Clear (lens)
Lens Material	Polycarbonate
Special Feature	High Beam functionality
Item Weight	2.25 pounds
UPC	644978545677

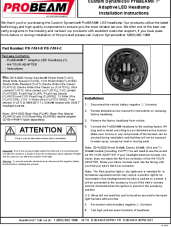




WARRANTY AND SUPPORT

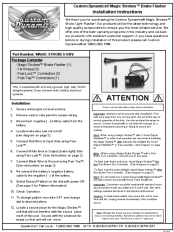
For warranty information, technical support, or replacement parts, please contact Custom Dynamics directly. Refer to the official Custom Dynamics website for the most current warranty policy and contact details.

Custom Dynamics Contact Information:

- Website: www.customdynamics.com
- Phone: Refer to website for current contact numbers.
- Email: Refer to website for current contact email.

Related Documents - PB-575-B

	<p>Custom Dynamics ProBEAM 7" Adaptive LED Headlamp Installation Instructions</p> <p>Step-by-step installation guide for the Custom Dynamics ProBEAM 7" Adaptive LED Headlamp (Part Numbers PB-7A14-B, PB-7A14-C) for Harley-Davidson motorcycles. Includes fitment information and wiring diagrams.</p>
	<p>Custom Dynamics Road Glide Shark Demon LED Headlight Installation Instructions</p> <p>Detailed step-by-step installation guide for the Custom Dynamics Road Glide Shark Demon LED Headlight (Model SD-RG-WW) on Harley-Davidson Road Glide motorcycles. Includes package contents, compatibility, and safety information.</p>
	<p>ProBEAM® Sequential Saddlebag LED Lights Installation Instructions</p> <p>Detailed installation guide for Custom Dynamics ProBEAM® Sequential Saddlebag LED Lights, covering package contents, vehicle fitment, safety precautions, and step-by-step assembly instructions for Harley-Davidson Touring models.</p>
	<p>Custom Dynamics Smart Triple Play Installation Guide - CD-TPU-SS-SS6</p> <p>Detailed installation instructions for the Custom Dynamics Smart Triple Play module (CD-TPU-SS-SS6). Learn how to safely and correctly install this load balancing module for your motorcycle's rear lighting system.</p>
	<p>Custom Dynamics Magic Strobes Brake Flasher Installation Instructions</p> <p>Detailed installation instructions for the Custom Dynamics Magic Strobes Brake Light Flasher (models MAGIC-STROBE-ISP and MAGIC-STROBE-ISP) for compatible Indian motorcycle models. Learn how to enhance brake light visibility with various strobe patterns.</p>



[Custom Dynamics Magic Strobes Brake Flasher Installation Guide & Wiring Diagram](#)

Detailed installation instructions and wiring guide for the Custom Dynamics Magic Strobes Brake Flasher (Part Number: MAGIC-STROBES-UNV). Learn how to install, select patterns, and troubleshoot.