

HELLA 2JA 959 037-801

HELLA 2JA 959 037-801 Warning Light Instruction Manual

Model: 2JA 959 037-801 | Brand: HELLA

INTRODUCTION

This manual provides essential information for the safe and effective installation, operation, and maintenance of your HELLA 2JA 959 037-801 Warning Light. Please read this manual thoroughly before use and retain it for future reference.

SAFETY INFORMATION

Always observe the following safety precautions to prevent injury or damage to the product:

- Ensure the vehicle's power supply is disconnected before installation.
- Installation should be performed by qualified personnel to ensure correct wiring and mounting.
- Do not modify the product in any way, as this may void the warranty and compromise safety.
- Verify that the operating voltage of the vehicle matches the product's specifications (9-33V).
- Securely mount the warning light to prevent detachment during vehicle operation.

PRODUCT OVERVIEW

The HELLA 2JA 959 037-801 is an LED warning light designed for various automotive applications. It features a robust construction and a green lens, providing a clear flashing warning signal.



Figure 1: HELLA 2JA 959 037-801 Warning Light. This image displays the rectangular warning light with a prominent green LED lens in the center, flanked by yellow end caps.

Key Features:

- **LED Technology:** Energy-efficient and long-lasting illumination.
- **Flashing Warning Signal:** Designed for clear visibility and safety.
- **Wide Voltage Range:** Operates on 9-33V DC systems.
- **Robust Protection:** IP 6K6 and IP 6K7 rated for dust and water ingress.
- **Reverse Polarity Protection:** Safeguards against incorrect wiring.
- **Reprogrammable:** Functionality can be adjusted as needed.

SPECIFICATIONS

Attribute	Value
Model Number	2JA 959 037-801
OEM Reference Number	2JA 959 037-801
Voltage Range	9-33 V
Power Consumption	9 W
Light Design	LED
Light Function	Flashing warning signal
Lens Colour	Green
Mounting Type	Bolted
Cable Length	2500 mm
Dimensions (L x W x D)	20.8 cm x 177 mm x 31 mm (Length x Width x Depth)
Height	100 mm
Weight	0.5 kg
Protection Type (IP Code)	IP 6K6, IP 6K7

Attribute	Value
Test Mark	EMC, Fulfils ECE norm: R10
Reverse Polarity Protection	Yes
Reprogrammable	Yes

SETUP AND INSTALLATION

- 1. Prepare for Installation:**
 - Ensure the vehicle's ignition is off and the battery is disconnected to prevent electrical shock or short circuits.
 - Choose a suitable mounting location that provides clear visibility for the warning light and allows for secure bolted mounting.
- 2. Mounting the Light:**
 - The warning light is designed for bolted mounting. Use appropriate fasteners (not included) to secure the unit firmly to the chosen surface.
 - Ensure the mounting surface is flat and strong enough to support the light and withstand vehicle vibrations.
- 3. Wiring Connections:**
 - The light comes with a 2500 mm cable. Connect the positive (+) wire to a switched power source within the 9-33V range.
 - Connect the negative (-) wire to a suitable vehicle ground.
 - The unit features reverse polarity protection, but correct wiring is always recommended.
 - Ensure all connections are secure and insulated to prevent corrosion and short circuits.
- 4. Final Check:**
 - Once mounted and wired, reconnect the vehicle battery.
 - Test the warning light to ensure it functions correctly, emitting a clear flashing signal.

OPERATING INSTRUCTIONS

The HELLA 2JA 959 037-801 Warning Light is designed for straightforward operation.

- 1. Activation:** The warning light will activate when power is supplied to its connected circuit. This is typically controlled by a switch in the vehicle's cabin.
- 2. Flashing Signal:** Upon activation, the LED light will emit a flashing warning signal.
- 3. Reprogramming:** This unit can be reprogrammed. Refer to specific HELLA programming tools and software for details on how to adjust flash patterns or other functionalities. This typically requires specialized equipment and knowledge.

MAINTENANCE

The HELLA 2JA 959 037-801 Warning Light requires minimal maintenance due to its durable design and LED technology.

- **Cleaning:** Periodically clean the lens with a soft, damp cloth and mild soap solution to ensure maximum light output. Avoid abrasive cleaners or solvents.
- **Inspection:** Regularly check the mounting bolts for tightness and inspect the wiring for any signs of wear, damage, or corrosion.
- **Damage:** If the housing or lens is damaged, the unit's IP rating may be compromised. Replace damaged units promptly.

TROUBLESHOOTING



Problem	Possible Cause	Solution
Light does not illuminate.	No power supply, faulty wiring, blown fuse, incorrect voltage.	Check power connections, vehicle fuse box, and ensure voltage is within 9-33V. Verify wiring for continuity.
Light flickers or is dim.	Loose connection, insufficient voltage, damaged wiring.	Inspect all wiring connections for tightness. Check vehicle's electrical system for stable voltage output.
Light pattern is incorrect or inconsistent.	Internal fault, incorrect reprogramming.	If recently reprogrammed, verify the programming steps. If not, contact HELLA technical support for assistance.
Moisture inside the lens.	Compromised seal due to damage or improper installation.	Inspect the unit for cracks or damage. Ensure mounting is secure and not causing stress on the housing. Replace if seal is compromised.

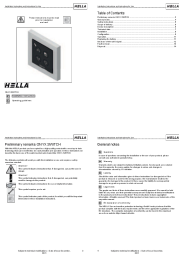
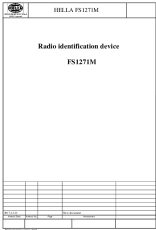
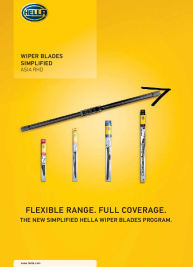

WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official HELLA website or contact your authorized HELLA distributor. Keep your purchase receipt as proof of purchase.



Related Documents - 2JA 959 037-801

	<p>HELLA Australia Aftermarket Catalogue 2019-2020</p> <p>Explore the comprehensive HELLA Australia Aftermarket Catalogue for 2019-2020, featuring a wide range of LED marker and signal lamps, lighting solutions, and automotive electrical components for commercial vehicles. Discover innovative technologies like DuraLED and EuroLED, designed for durability, performance, and safety.</p>
	<p>HELLA Wiper Blades Catalog: Comprehensive Range & Vehicle Applications</p> <p>Explore the HELLA wiper blades catalog, featuring Metal Wiper, Cleantech, Easy Set, Rear, Hybrid, Winter, and Heavy Duty options. Find detailed specifications, adapter guides, and vehicle application lists for optimal visibility and safety.</p>

	<p>HELLA ONYX.SWITCH Installation and Operating Instructions</p> <p>Comprehensive installation, configuration, operation, and troubleshooting guide for the HELLA ONYX.SWITCH 5-channel wall-mounted radio transmitter. Includes technical specifications, safety guidelines, and disposal information.</p>
	<p>HELLA FS1271M Radio Identification Device: Features and Application</p> <p>Learn about the HELLA FS1271M, a radio identification device for automotive passive entry and passive start systems. This document details its functions, application, and regulatory compliance.</p>
	<p>HELLA Wiper Blades: Simplified Program for ASIA RHD Vehicles</p> <p>Explore HELLA's comprehensive and simplified wiper blade program, featuring Premium 2.0, Cleantech 2.0, Rear Plastic, and Heavy Duty lines. Discover optimal coverage and performance for ASIA RHD vehicles, backed by over 120 years of German innovation.</p>
	<p>HELLA Cassette Awning CLEO 7040 Installation and Operating Instructions</p> <p>Comprehensive guide for the installation, operation, and maintenance of the HELLA Cassette Awning CLEO 7040, including safety instructions, technical data, and troubleshooting.</p>