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## Hella 6HD 002 535-101

# HELLA 6HD 002 535-101 Hazard Switch User Manual

Model: 6HD 002 535-101 | Brand: Hella

## INTRODUCTION

This manual provides essential information for the proper installation, operation, and maintenance of your HELLA 6HD 002 535-101 Hazard Switch. Designed for precision, reliability, and durability, this pull-control switch is a high-quality automotive component intended for use in 12V electrical systems.

## PRODUCT FEATURES

- Pull switch mechanism with a red button that functions as an indicator light.
- Includes a holder and a built-in cable set, 600 mm in length.
- Features two switching positions: 0 (off) and 1 (on).
- Load capacity of 6 x 21 W.
- Equipped with splash protection for enhanced durability.

## SETUP AND INSTALLATION

The HELLA 6HD 002 535-101 Hazard Switch is designed for automotive applications. Proper installation is crucial for safe and reliable operation. It is recommended that installation be performed by a qualified technician.

### General Installation Guidelines

1. Ensure the vehicle's power supply is disconnected before beginning installation to prevent electrical shock or damage.
2. Identify a suitable mounting location for the pull switch. The switch comes with a holder for secure mounting.
3. Connect the 600 mm cable set according to the vehicle's wiring diagram for hazard lights. The switch operates at 12 Volts.
4. Verify the circuit type is compatible (2-way circuit).
5. Ensure all connections are secure and properly insulated.
6. After installation, reconnect the vehicle's power supply and test the switch functionality.



Image: The HELLA 6HD 002 535-101 Hazard Switch, showing its red pull knob, integrated wiring, and mounting bracket. This image illustrates the physical components for installation reference.

## OPERATING INSTRUCTIONS

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The HELLA 6HD 002 535-101 Hazard Switch features a simple pull-control mechanism.

- To activate the hazard lights, **pull the red switch button outwards**. The switch will click into position '1' (ON), and the red button will illuminate, indicating that the hazard lights are active.
- To deactivate the hazard lights, **push the red switch button inwards**. The switch will return to position '0' (OFF), and the indicator light will turn off.

The switch is designed for ON-OFF operation.

## MAINTENANCE

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The HELLA 6HD 002 535-101 Hazard Switch is designed for long-term reliability with minimal maintenance.

- Periodically inspect the switch and its wiring for any signs of wear, damage, or loose connections.
- Keep the switch free from excessive dirt and moisture. The switch features splash protection, but direct exposure to high-pressure water jets should be avoided.

- Do not use harsh chemicals or abrasive cleaners on the switch. A soft, damp cloth is sufficient for cleaning.
- Ensure the pull mechanism operates smoothly. Do not force the switch if it feels stiff.

## TROUBLESHOOTING

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If the hazard switch is not functioning correctly, consider the following common issues:

- **Hazard lights do not activate:**
  - Check the vehicle's fuse for the hazard light circuit.
  - Verify all wiring connections to the switch are secure and correctly installed.
  - Ensure the switch is fully pulled to the 'ON' position.
  - Inspect the hazard light bulbs for functionality.
- **Indicator light on the switch does not illuminate:**
  - This could indicate a faulty bulb within the switch or an issue with the power supply to the indicator.
  - Check wiring connections.
- **Switch feels stiff or does not engage:**
  - Do not force the switch. Inspect for any obstructions or damage to the pull mechanism.
  - If the mechanism is damaged, the switch may need replacement.

For persistent issues, consult a qualified automotive electrician.

## SPECIFICATIONS

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Property	Value
Model Number	6HD 002 535-101
Brand	Hella
Operation Mode	ON-OFF (Pull Control)
Operating Voltage	12 Volts
Load Capacity	6 x 21 W
Cable Length	600 mm
Contact Type	Normally Open
Connector Type	Plug In
Switch Type	Pull Switch
Terminal	Through Hole
Material	Plastic
Circuit Type	2-way
Product Dimensions (L x W x H)	12.5 x 9.2 x 7.5 cm

Special Features	Splash protection, Red indicator light
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## WARRANTY AND SUPPORT

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HELLA products are manufactured to high-quality standards. For specific warranty information, please refer to the documentation provided with your purchase or visit the official Hella website.

For technical support or inquiries regarding the HELLA 6HD 002 535-101 Hazard Switch, please contact Hella customer service or your authorized Hella dealer.

*Contact Information (General Guidance):*

- **Website:** [www.hella.com](http://www.hella.com)
- **Customer Service:** Refer to your regional Hella website for local contact details.

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