

Betts 402037

Betts 402037 LED Turn Amber Shallow Instruction Manual

Model: 402037

1. PRODUCT OVERVIEW

This manual provides essential information for the installation, operation, and maintenance of the Betts 402037 LED Turn Amber Shallow light. This product is designed to provide reliable amber turn signal illumination for various applications.



Figure 1: Betts 402037 LED Turn Amber Shallow Light. This image displays the front view of the round amber LED light, featuring numerous small LED diodes visible through the clear amber lens. The light is encased in a durable grey housing,

designed for shallow mounting.

2. SAFETY INFORMATION

Please read all safety instructions before installation and operation. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- Always disconnect power before installing or servicing the light.
- Ensure all electrical connections are secure and insulated to prevent short circuits.
- This product is designed for specific voltage applications. Verify compatibility with your vehicle's electrical system.
- Do not modify the product. Any modifications may void the warranty and create safety hazards.
- Installation should be performed by a qualified professional if you are unsure about electrical wiring.

3. WHAT'S IN THE BOX

Upon opening the package, please verify that all components are present and undamaged.

- 1 x Betts 402037 LED Turn Amber Shallow Light

4. SETUP AND INSTALLATION

The Betts 402037 LED Turn Amber Shallow light is designed for straightforward installation.

1. **Preparation:** Ensure the vehicle's power system is turned off and the battery is disconnected to prevent accidental electrical shorts.
2. **Mounting Location:** Select a suitable, flat surface for mounting the light. The shallow design allows for installation in confined spaces. Ensure there is enough clearance behind the mounting surface for wiring.
3. **Secure Mounting:** Use appropriate fasteners (not included) to securely attach the light to the chosen surface. The light features pre-drilled mounting holes for convenience.
4. **Wiring Connections:**
 - Identify the positive (+) and negative (-) wires from the light.
 - Connect the positive wire of the LED light to the vehicle's turn signal positive wire.
 - Connect the negative wire of the LED light to a suitable ground point on the vehicle chassis or the vehicle's negative wire.
 - Use appropriate wire connectors (e.g., crimp connectors, solder and heat shrink) to ensure secure and weather-resistant connections.
5. **Test Functionality:** Reconnect the vehicle's battery and test the turn signal functionality to ensure the LED light illuminates correctly.

5. OPERATING INSTRUCTIONS

The Betts 402037 LED Turn Amber Shallow light operates in conjunction with your vehicle's turn signal system.

- When the vehicle's turn signal lever is activated for a left or right turn, the corresponding LED turn light will flash amber.

- The LED technology ensures bright and efficient illumination for enhanced visibility.

6. MAINTENANCE

This LED light is designed for durability and requires minimal maintenance.

- **Cleaning:** Periodically clean the lens with a soft, damp cloth and mild soap to remove dirt and debris. Avoid abrasive cleaners that could scratch the lens.
- **Inspection:** Regularly inspect the wiring and mounting for any signs of wear, corrosion, or looseness. Ensure all connections remain secure.
- **Damage:** If the light housing or lens becomes damaged, replace the unit to maintain optimal performance and safety.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Light does not illuminate	No power supply; Loose or corroded wiring; Faulty unit	Check power source and vehicle fuse; Inspect and secure all wiring connections; Replace the unit if faulty
Light flickers or is dim	Insufficient power; Poor ground connection; Loose wiring	Verify voltage supply; Ensure ground connection is clean and secure; Check and tighten all wiring
Hyper-flashing (flashing too fast)	LED lights draw less current than incandescent bulbs, causing the vehicle's flasher relay to interpret it as a burnt-out bulb.	Install a load resistor or an LED-compatible flasher relay (sold separately)

8. SPECIFICATIONS

Feature	Detail
Brand	Betts
Model Number	402037
Light Type	LED Turn Signal
Light Color	Amber
Material	Copper (internal wiring/components)
Item Weight	1 Pound
ASIN	B083WMVK46

9. WARRANTY AND SUPPORT

For warranty information and technical support regarding your Betts 402037 LED Turn Amber Shallow light, please contact the manufacturer directly or refer to the original purchase documentation.



Figure 2: Betts Company Logo. This image displays the official logo for Betts, featuring the brand name in a distinctive blue font with a dynamic orange swoosh beneath it, symbolizing motion or flow.

When contacting support, please have your product model number (402037) and purchase details readily available.

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