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› Novita EL12 Flasher Instruction Manual

Novita EL12

Novita EL12 Flasher Instruction Manual

Model: EL12

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and troubleshooting of the Novita EL12 Flasher. Designed for automotive applications, this flasher unit ensures proper function of turn signals and hazard lights, including compatibility with LED lighting systems.

PRODUCT OVERVIEW

The Novita EL12 is a two-prong electronic flasher designed to regulate the blinking rate of vehicle turn signals and hazard lights. It is particularly useful for vehicles upgraded with LED bulbs, which often cause standard thermal flashers to malfunction (e.g., hyper-flashing or no flashing). The EL12 provides a consistent flash rate regardless of the bulb type (incandescent or LED) or load.



INSTALLATION

The Novita EL12 Flasher is designed for universal fit in vehicles requiring a 2-prong flasher. Installation typically involves replacing the existing flasher relay. Always consult your vehicle's service manual for the exact location of the flasher unit.

Safety Precautions

- Ensure the vehicle's ignition is off and the battery is disconnected before beginning installation to prevent electrical shock or damage.
- Wear appropriate safety gear, including gloves and eye protection.

Installation Steps

1. **Locate the Existing Flasher:** Refer to your vehicle's owner's manual or a repair guide to find the location of the turn signal/hazard flasher relay. Common locations include under the dashboard, in the fuse box, or near the steering column.
2. **Remove the Old Flasher:** Carefully pull out the old flasher unit from its socket. It may require a firm but gentle tug.
3. **Insert the Novita EL12 Flasher:** Align the two prongs of the EL12 flasher with the corresponding slots in the vehicle's flasher socket. Push firmly until it is securely seated. Ensure a proper connection.
4. **Reconnect Battery and Test:** Reconnect the vehicle's battery. Turn on the ignition and test the turn signals (left and right) and hazard lights to confirm proper operation.



Image 2: Close-up of the Novita EL12 Flasher, highlighting its model number and electrical specifications.

Note: The Novita EL12 is rated for a maximum of 25 amps. Ensure your vehicle's circuit does not exceed this rating. The unit is designed to be waterproof, offering enhanced durability.

OPERATION

Once installed, the Novita EL12 Flasher operates automatically with your vehicle's turn signal and hazard light controls. It provides a consistent and standard flash rate for both incandescent and LED bulbs,

eliminating issues like hyper-flashing or non-flashing commonly associated with LED conversions.

- **Turn Signals:** Activate your vehicle's turn signal lever for left or right turns. The EL12 will ensure the signal flashes at the correct rate.
- **Hazard Lights:** Activate your vehicle's hazard light switch. The EL12 will control the simultaneous flashing of all turn signals.

The flasher may produce an audible clicking sound during operation, which serves as an indicator that the signals are active. This is a normal characteristic of many flasher units.

MAINTENANCE

The Novita EL12 Flasher is a sealed, maintenance-free unit. No regular maintenance is required. If the unit becomes dirty, gently wipe the exterior with a clean, dry cloth. Avoid using harsh chemicals or abrasive materials.

- Periodically check the electrical connections to ensure they remain secure.
- If the flasher is exposed to water or moisture, ensure it is allowed to dry completely before operating the vehicle's electrical system.

TROUBLESHOOTING

If you experience issues with your turn signals or hazard lights after installing the Novita EL12 Flasher, refer to the following troubleshooting steps:

Problem	Possible Cause	Solution
Turn signals do not flash or flash too fast (hyper-flashing).	Loose connection. Incorrect flasher type (if not EL12). Defective bulb (even with LED, check for proper installation). Flasher unit not fully seated. Vehicle wiring issue.	Ensure the EL12 flasher is securely plugged into its socket. Verify all turn signal bulbs are correctly installed and functional. Check for any blown fuses related to the turn signal circuit. If using LED bulbs, confirm they are compatible with your vehicle's system and that the EL12 is the correct flasher for your specific LED setup (e.g., front only, rear only, or all four). Consult a qualified automotive technician if the issue persists.
No clicking sound from the flasher.	Normal operation (some electronic flashers are quieter). Flasher not receiving power.	Confirm turn signals are flashing correctly. If they are, the lack of a loud click may be normal for your installation. Check fuses and connections if signals are not flashing at all.

For complex electrical issues, it is recommended to seek assistance from a certified automotive electrician.

SPECIFICATIONS

The following table details the technical specifications of the Novita EL12 Flasher:

Feature	Detail
Brand	Novita
Model Number	EL12
Product Type	Vehicle Light Assembly (Flasher)
Specific Uses For Product	Signalling Light
Vehicle Service Type	Car
Automotive Fit Type	Universal Fit
Special Feature	Waterproof
Item Weight	1.44 ounces
Item Package Height	3.555 Centimeters
Item Package Length	12.446 Centimeters
Item Package Width	11.176 Centimeters
UPC	020637300120

WARRANTY AND SUPPORT

For information regarding warranty coverage or technical support for your Novita EL12 Flasher, please refer to the manufacturer's official website or contact their customer service department. Keep your purchase receipt as proof of purchase.

Manufacturer: Novita

Contact Information: Please visit the official Novita website for current contact details and support resources.