Standard Motor Products TW14

Standard Motor Products TW14 Turn Signal Switch User Manual

Model: TW14

1. Introduction

This manual provides essential information for the installation, operation, and maintenance of your Standard Motor Products TW14 Turn Signal Switch. Please read this manual thoroughly before installation and operation to ensure proper function and safety.

2. Safety Information

Always observe the following safety precautions:

- Disconnect the vehicle's battery before performing any electrical work.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.
- Refer to your vehicle's service manual for specific instructions and wiring diagrams.
- If you are unsure about any installation step, consult a qualified automotive technician.
- Ensure all connections are secure and free from corrosion.

3. Package Contents

Verify that all components are present upon opening the package:

- 1x Standard Motor Products TW14 Turn Signal Switch



Image: The Standard Motor Products TW14 Turn Signal Switch as it appears in its retail packaging.

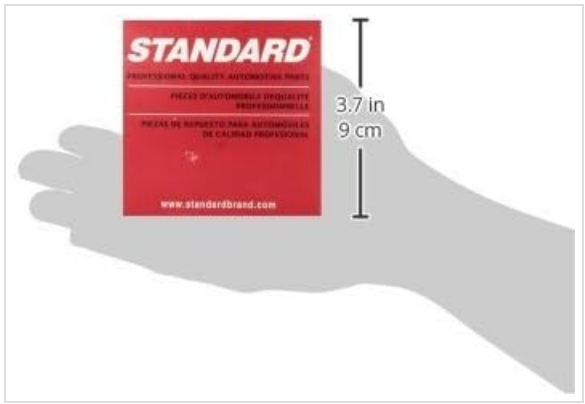


Image: A hand holding the product box, illustrating its compact size and dimensions (approximately 3.7 inches or 9 cm).

4. Setup and Installation

The Standard Motor Products TW14 Turn Signal Switch is designed for vehicle-specific applications. Proper installation is crucial for safe and reliable operation. It is highly recommended that installation be performed by a qualified automotive technician.

General Installation Steps (Consult Vehicle Service Manual for Specifics):

1. **Preparation:** Park the vehicle on a level surface, engage the parking brake, and turn off the ignition. Disconnect the negative terminal of the vehicle's battery to prevent electrical shorts.
2. **Access:** Depending on your vehicle, you may need to remove steering column covers, dashboard panels, or other components to access the existing turn signal switch.
3. **Disconnect Old Switch:** Carefully disconnect the electrical connectors from the old turn signal switch. Note the routing of wires and any clips or fasteners.
4. **Remove Old Switch:** Unfasten and remove the old turn signal switch from its mounting location.
5. **Install New Switch:** Position the new Standard Motor Products TW14 switch in the mounting location. Ensure it fits correctly and securely.
6. **Connect Wiring:** Connect the electrical connectors to the new switch. Ensure all connections are firm and correctly seated.
7. **Reassemble:** Reinstall any removed covers or panels.
8. **Test:** Reconnect the vehicle's battery. Turn on the ignition (do not start the engine) and test the functionality of the turn signals (left, right), hazard lights, and any other integrated functions of the switch.
9. **Final Check:** Start the engine and perform a final check of all functions.

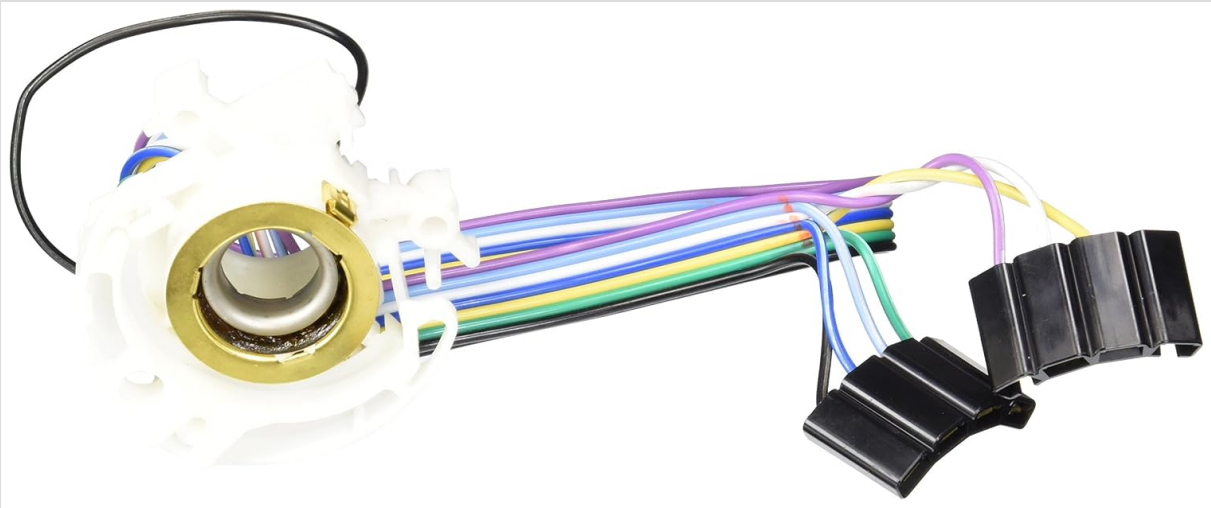


Image: The Standard Motor Products TW14 Turn Signal Switch, showing the main body and integrated wiring harness with connectors, ready for installation.

5. Operating Instructions

The Standard Motor Products TW14 Turn Signal Switch controls the vehicle's turn signals and typically the hazard warning lights. Its operation is standard for most automotive applications:

- **Left Turn Signal:** Push the lever down to activate the left turn signal. The lever will typically return to the center position after the turn is completed.
- **Right Turn Signal:** Push the lever up to activate the right turn signal. The lever will typically return to the center position after the turn is completed.
- **Hazard Warning Lights:** Activate the hazard warning lights by pressing the button or pulling the lever in a specific manner, as indicated by your vehicle's design. Refer to your vehicle's owner's manual for the exact procedure.

6. Maintenance

The TW14 Turn Signal Switch is a sealed unit and generally requires no routine maintenance. However, periodic inspection can help ensure its longevity and proper function:

- **Visual Inspection:** Periodically check the switch for any signs of physical damage, loose connections, or corrosion.
- **Cleaning:** Keep the surrounding area of the switch clean and free from dust or debris that could impede its movement.
- **Functionality Check:** Regularly test the turn signals and hazard lights to ensure they activate and deactivate correctly.

7. Troubleshooting

If you experience issues with your turn signal switch, consider the following troubleshooting steps:

- **Turn Signals Not Working:**
  - Check the vehicle's fuse box for a blown fuse related to the turn signals or hazard lights. Replace if necessary.
  - Inspect the wiring connections to the switch for looseness or corrosion.
  - Verify that the turn signal bulbs are functioning correctly.
- **Hazard Lights Not Working:**
  - Similar to turn signals, check the relevant fuse.
  - Ensure the hazard switch mechanism is not stuck or damaged.
- **Intermittent Operation:**
  - This could indicate a loose connection, a faulty flasher relay, or an internal issue with the switch.

If these steps do not resolve the issue, it is recommended to consult a qualified automotive technician for diagnosis and repair.

8. Specifications

Feature	Specification
Model Number	TW14
Brand	Standard Motor Products
Operation Mode	ON-OFF
Current Rating	20 Amps
Operating Voltage	5 Volts
Contact Type	Normally Open
Connector Type	Crimp
Terminal	Screw

Item Dimensions (L x W x H)	4 x 4 x 4 inches
Circuit Type	2-way
Mounting Type	Surface Mount
Contact Material	Copper
Item Weight	4.8 ounces

9. Warranty and Support

For warranty information or technical support regarding your Standard Motor Products TW14 Turn Signal Switch, please contact Standard Motor Products directly through their official website or customer service channels. Keep your purchase receipt as proof of purchase.
Official Website: www.standardbrand.com

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