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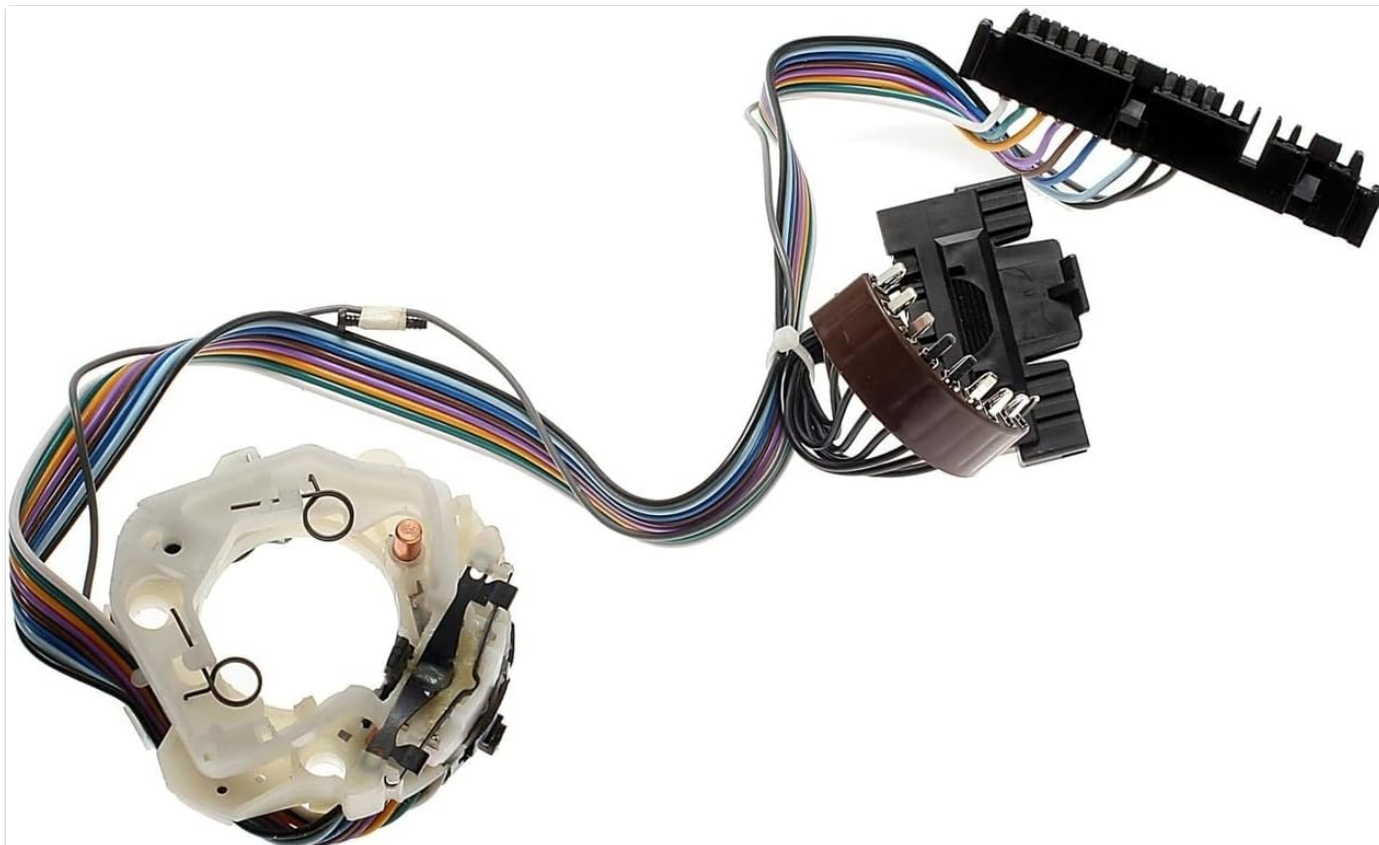
Model: TW-40 | Brand: Standard Motor Products

INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Standard Motor Products TW-40 Turn Signal Switch. This component is designed as a direct replacement part for specific vehicle applications, ensuring proper functionality of your vehicle's turn signals and other integrated features.

Please read these instructions thoroughly before attempting any installation or service. Professional installation is recommended for optimal performance and safety.

PRODUCT OVERVIEW



This image displays the Standard Motor Products TW-40 turn signal switch. It features the main switch body, which is typically installed within the steering column, connected to a multi-colored wiring harness. The harness terminates in two distinct electrical connectors, designed for integration into the vehicle's electrical system. The switch body itself shows internal contact points and mounting features.

SETUP AND INSTALLATION

Safety First: Always disconnect the vehicle's negative battery terminal before beginning any electrical work to prevent accidental short circuits or electrical shock.

Required Tools:

- Screwdrivers (Phillips and flathead)
- Socket wrench set
- Battery terminal wrench
- Trim removal tools (optional, but recommended)

Installation Steps:

1. **Prepare Vehicle:** Park the vehicle on a level surface, engage the parking brake, and turn off the ignition. Disconnect the negative battery terminal.
2. **Access Steering Column:** Carefully remove the necessary steering column covers and trim panels to gain access to the existing turn signal switch. Refer to your vehicle's service manual for specific instructions on trim removal.
3. **Disconnect Old Switch:** Unplug the electrical connectors from the old turn signal switch. Detach any mounting screws or clips securing the switch to the steering column. Carefully remove the old switch.
4. **Install New Switch:** Position the new Standard Motor Products TW-40 switch into the steering column. Ensure it aligns correctly with all mounting points. Secure the switch with the original screws or clips.
5. **Connect Wiring:** Plug the vehicle's electrical connectors securely into the corresponding ports on the new TW-40 switch. Ensure all connections are firm and properly seated.

6. **Reassemble:** Reinstall all steering column covers and trim panels in reverse order of removal. Ensure no wires are pinched during reassembly.
7. **Reconnect Battery:** Reconnect the negative battery terminal.
8. **Test Functionality:** Turn on the ignition (do not start the engine yet) and test all functions of the new turn signal switch, including left turn, right turn, hazard lights, and any other integrated features like high beams or wiper controls, if applicable to your specific vehicle and switch model.

If any issues arise during testing, refer to the Troubleshooting section or consult a qualified automotive technician.

OPERATING INSTRUCTIONS

The Standard Motor Products TW-40 Turn Signal Switch operates in a manner consistent with standard automotive turn signal controls.

- **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, or can be manually canceled.
- **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, or can be manually canceled.
- **Hazard Warning Lights:** Locate the hazard warning button or switch, usually on the dashboard or integrated into the turn signal stalk itself. Press or activate this control to engage all four turn signals simultaneously. Press again to deactivate.
- **Other Functions:** Depending on your vehicle's configuration, the switch may also control functions such as high beams, windshield wipers, or cruise control. Refer to your vehicle's owner's manual for specific operation of these integrated features.

MAINTENANCE

The Standard Motor Products TW-40 Turn Signal Switch is a sealed electrical component and requires minimal user maintenance. Regular inspection of the surrounding area can help ensure its longevity.

- **Keep Clean:** Periodically wipe down the exterior of the turn signal stalk and surrounding steering column area with a soft, damp cloth to remove dust and grime. Avoid using harsh chemicals or abrasive cleaners.
- **Inspect Wiring:** During other vehicle maintenance, visually inspect the accessible wiring connected to the turn signal switch for any signs of wear, fraying, or loose connections.
- **Avoid Force:** Operate the turn signal lever with appropriate force. Excessive force can damage internal mechanisms.

If the switch exhibits signs of malfunction, refer to the Troubleshooting section or seek professional assistance.

TROUBLESHOOTING

If you experience issues with your Standard Motor Products TW-40 Turn Signal Switch, consider the following common problems and solutions:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Turn signals do not activate.	Blown fuse, faulty flasher relay, incorrect wiring connection, faulty switch.	Check vehicle's fuse box for a blown turn signal fuse and replace if necessary. Inspect flasher relay. Verify all electrical connections to the switch are secure. If problem persists, the switch may be faulty.
Hazard lights do not work.	Blown fuse, faulty hazard flasher relay, faulty switch.	Check vehicle's fuse box for a blown hazard light fuse. Inspect hazard flasher relay. If problem persists, the switch may be faulty.
Turn signals flash too fast or too slow.	Incorrect flasher relay, bulb issue (e.g., burnt out bulb), wiring issue.	Check all turn signal bulbs for proper function. Ensure the correct flasher relay is installed. Inspect wiring for corrosion or damage.
Intermittent operation.	Loose electrical connection, internal switch fault.	Verify all electrical connectors are firmly seated. If the issue continues, the internal contacts of the switch may be worn or damaged.

For complex electrical issues or if troubleshooting steps do not resolve the problem, it is highly recommended to consult a certified automotive technician.

SPECIFICATIONS

- **Model:** TW-40
- **Brand:** Standard Motor Products
- **Part Type:** Turn Signal Switch
- **Manufacturer:** STANDARD MOTOR PRODUCTS
- **ASIN:** B009AAI2DI
- **Date First Available:** October 15, 2022
- **Application:** Vehicle-specific replacement part (refer to product listing for compatibility)

WARRANTY AND SUPPORT

For information regarding the warranty coverage for your Standard Motor Products TW-40 Turn Signal Switch, please refer to the warranty documentation provided with your purchase or contact the seller or Standard Motor Products directly.

For technical support or further assistance, please visit the official Standard Motor Products website or consult a qualified automotive service center.

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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