

MSD MSD-8676

MSD 8676 Retard Selector Switch

USER MANUAL

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your MSD 8676 Retard Selector Switch. Please read this manual thoroughly before using the product to ensure safe and effective performance. The MSD 8676 is designed to work with compatible MSD ignition systems to provide precise timing retard control.

2. Product Overview and Features

The MSD 8676 Retard Selector Switch is a compact and robust device designed for quick and accurate adjustment of ignition timing retard. It offers a simple and intuitive interface for selecting desired retard amounts.

- **Selection of 12 Retard Amounts:** Provides a wide range of timing adjustments.
- **Simple Turn Dial Selector:** Allows for easy and quick changes to retard settings.
- **Change in 1 Degree Increments:** Enables fine-tuning of ignition timing.
- **Designed for Quick Changes:** Facilitates on-the-fly adjustments for various performance needs.



This image displays the MSD 8676 Retard Selector Switch. It is a black rectangular module with a white label on top. The label features the 'MSD' logo and 'RETARD MODULE SELECTOR' text. A central rotary dial allows selection of timing retard values from 0° to 11° in 1-degree increments, indicated by lines and numbers around the dial. The module has mounting tabs with holes on each corner for secure installation.

3. Safety Information

Always prioritize safety when working with automotive electrical systems. Disconnect the vehicle's battery before installation or maintenance. Ensure all connections are secure and properly insulated to prevent short circuits.

CALIFORNIA WARNING: Cancer and Reproductive Harm -www.P65Warnings.ca.gov

4. Setup and Installation

The MSD 8676 Retard Selector Switch is designed for straightforward integration into an existing MSD ignition system. It typically connects to a dedicated port on a compatible MSD ignition control unit.

1. **Mounting:** Select a secure and accessible location within the vehicle, away from excessive heat, moisture, and

vibration. Use the integrated mounting tabs to firmly attach the module using appropriate fasteners.

2. **Wiring:** Refer to the specific wiring diagram provided with your MSD ignition control unit for the correct connection points for the retard selector switch. The 8676 features a 'Plug In' connector type, ensuring a secure and reliable electrical connection. Ensure the vehicle's battery is disconnected before making any electrical connections.
3. **Verification:** After installation, double-check all connections for tightness and proper insulation. Reconnect the battery and proceed to the operating instructions.

5. Operating Instructions

The MSD 8676 Retard Selector Switch provides a simple rotary control for adjusting ignition timing retard.

1. **Power On:** Ensure your MSD ignition system is powered on and operational.
2. **Select Retard Amount:** Rotate the central dial to the desired retard setting. The dial is clearly marked with degree values from 0° to 11°, allowing for precise adjustments in 1-degree increments.
3. **Observe Changes:** The selected retard value will be applied to the ignition timing as configured with your MSD ignition control unit.

Always consult your MSD ignition control unit's manual for detailed information on how the retard input affects your specific ignition system's performance.

6. Maintenance

The MSD 8676 Retard Selector Switch is designed for durability and requires minimal maintenance. Regular inspection can help ensure its longevity and proper function.

- **Cleaning:** Keep the module clean and free from dirt, dust, and moisture. Use a soft, dry cloth for cleaning. Avoid using harsh chemicals or abrasive cleaners.
- **Connection Check:** Periodically inspect the wiring connections to ensure they remain tight and free from corrosion.
- **Environmental Protection:** While rated IP54 for protection against dust and splashing water, avoid exposing the unit to extreme temperatures or direct water spray.

7. Troubleshooting

If you experience issues with your MSD 8676 Retard Selector Switch, consider the following basic troubleshooting steps:

- **No Response:** Verify that the module is correctly connected to your MSD ignition control unit according to the wiring diagram. Check for loose or corroded connections.
- **Incorrect Retard:** Ensure the dial is set to the desired position. Confirm that your MSD ignition control unit is properly configured to accept and interpret the retard signal from the 8676.
- **System Malfunction:** If the issue persists, consult the troubleshooting section of your MSD ignition control unit's manual. The 8676 is a passive selector; most operational issues will stem from the main ignition unit or its wiring.

For complex issues, it is recommended to contact MSD technical support or a qualified automotive technician.

8. Specifications

Specification	Value
Model Name	MSD 8676 Retard Selector Switch

Specification	Value
Part Number	MSD-8676
Brand	MSD
Operation Mode	Plug
Contact Type	Normally Open
Connector Type	Plug In
Terminal	Blade
Circuit Type	12-way
Actuator Type	Rotary
Contact Material	Copper
International Protection Rating	IP54
Number of Positions	12
Control Method	Touch
Connectivity Protocol	X-10
Color	No Color
Unit Count	1 Count
Manufacturer	MSD Ignition
Item Weight	0.01 Ounces
Item Package Dimensions L x W x H	8.1 x 6 x 2.3 inches

9. Warranty Information







MSD products typically come with a manufacturer's warranty. For specific details regarding the warranty period, coverage, and claims process for your MSD 8676 Retard Selector Switch, please refer to the warranty documentation included with your purchase or visit the official MSD Ignition website. Retain your proof of purchase for warranty purposes.

10. Customer Support

For technical assistance, product inquiries, or support, please contact MSD Ignition directly. Their official website often provides FAQs, technical documents, and contact information for customer service.

MSD Ignition Official Website: www.holley.com/brands/msd/ (Note: MSD is part of Holley Performance Products)



	<p>MSD 2014 Performance Spark Plug Catalog & Application Guide</p> <p>Explore the 2014 MSD Performance Spark Plug Catalog and Application Guide. This comprehensive resource details MSD's advanced spark plug technology, including features, benefits, installation guidance, and troubleshooting tips. It provides an extensive application list to help automotive enthusiasts and mechanics find the perfect MSD spark plugs for a wide range of vehicles, ensuring optimal engine performance and reliability.</p>
	<p>MSD Digital 6 Plus Ignition Control Installation Instructions</p> <p>Comprehensive installation guide for the MSD Digital 6 Plus Ignition Control (PN 6520), covering operation, features, wiring, programming, troubleshooting, and compatibility with various vehicle systems. Includes detailed diagrams and technical specifications.</p>
	<p>MSD Digital 6M-3L Marine Ignition Installation Instructions</p> <p>Comprehensive installation guide for the MSD Digital 6M-3L Marine Ignition (PN 6564), covering features, wiring, programming, troubleshooting, and technical notes for marine applications.</p>
	<p>MSD Digital 6A and 6AL Ignition Control Installation Instructions</p> <p>Comprehensive installation guide for MSD Digital 6A and 6AL Ignition Controls, covering wiring, operation, features, programming, and troubleshooting for automotive enthusiasts.</p>
	<p>MSD 6EFI Universal EFI Ignition Box PN 6415 Installation Instructions</p> <p>Comprehensive installation guide for the MSD 6EFI Universal EFI Ignition Box (PN 6415), covering product registration, parts included, general information, wiring functions, mounting, rev limiter, timing control setup, distributor installation, troubleshooting, and compatibility with various EFI systems like Holley, FiTECH, Edelbrock, and Fast EZ-EFI.</p>
	<p>MSD LS Ignition Control PN 6014/60143 Installation Instructions</p> <p>Installation guide and technical specifications for the MSD LS Ignition Control (PN 6014/60143), covering wiring, operation, features, software setup, and troubleshooting.</p>

MSD IGNITION INSTALLATION INSTRUCTIONS

Retard Degree Module Selector Switch PN 8676 0° - 1° PN 8678 0°/10° - 20°

Parts Included:

- 1 - Retard Degree Module Selector Switch
- 4 - Mounting Screws

Mount the Switch close to the MSD Ignition in a position so it is accessible and easy to reach. The wires of the Switch cannot be lengthened. Use the supplied mounting screws or the adhesive on the back panel of the unit to mount the Switch.

The 2-pin connector of the Switch plugs into the retard degree module receptacle of the MSD component. There is no polarity so its position does not make a difference.

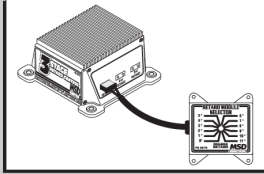


Figure 1 Retard Degree Module Selector Installation.

[MSD Retard Degree Module Selector Switch Installation Instructions](#)

Detailed installation instructions for the MSD Retard Degree Module Selector Switch (PN 8676, PN 8678), including mounting, wiring, and warranty information for optimal ignition control in automotive applications.

lang:it score:31 filesize: 127.94 K page_count: 2 document date: 2008-10-23