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› Dorman 920-020 Front Driver Side Master Window Switch Assembly User Manual

Dorman 920-020

Dorman 920-020 Front Driver Side Master Window Switch Assembly

Model: 920-020

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1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of your Dorman 920-020 Front Driver Side Master Window Switch Assembly. This component is engineered as a direct replacement to restore the functionality of your vehicle's power windows, door locks, and mirror adjustments to original equipment standards. The Dorman 920-020 is designed to match the fit, function, and performance of the factory switch on specified vehicles, ensuring a seamless installation and integration with your vehicle's interior.



Image 1.1: The Dorman 920-020 Front Driver Side Master Window Switch Assembly, showing its complete form with all buttons and controls.

2. SAFETY INFORMATION

Always observe the following safety precautions when working on your vehicle:

- Disconnect the vehicle's battery before beginning any electrical work to prevent electrical shock or damage to components.
- Wear appropriate personal protective equipment, such as safety glasses and gloves.
- Ensure the vehicle is parked on a level surface with the parking brake engaged.
- Refer to your vehicle's service manual for specific instructions regarding door panel removal and electrical component replacement.
- Keep children and pets away from the work area.

3. VEHICLE COMPATIBILITY

This Dorman 920-020 Master Window Switch Assembly is compatible with the following vehicles. Always verify fitment using your vehicle's make, model, and trim level before installation.

- **Cadillac Escalade ESV:** 2003, 2004, 2005, 2006
- **Cadillac Escalade EXT:** 2003, 2004, 2005, 2006
- **Cadillac Escalade:** 2003, 2004, 2005, 2006
- **Chevrolet Avalanche 1500:** 2003, 2004, 2005, 2006
- **Chevrolet Avalanche 2500:** 2003, 2004, 2005, 2006
- **Chevrolet Silverado 1500 Classic:** 2007
- **Chevrolet Silverado 1500 HD Classic:** 2007
- **Chevrolet Silverado 1500 HD:** 2003, 2005, 2006
- **Chevrolet Silverado 1500:** 2004, 2005, 2006
- **Chevrolet Silverado 2500 HD Classic:** 2007
- **Chevrolet Silverado 2500 HD:** 2003, 2004, 2005, 2006
- **Chevrolet Silverado 2500:** 2004
- **Chevrolet Silverado 3500 Classic:** 2007
- **Chevrolet Silverado 3500:** 2003, 2004, 2005, 2006
- **Chevrolet Suburban 1500:** 2003, 2004, 2005, 2006
- **Chevrolet Suburban 2500:** 2003, 2004, 2005, 2006
- **Chevrolet Tahoe:** 2003, 2004, 2005, 2006
- **GMC Sierra 1500 Classic:** 2007
- **GMC Sierra 1500 HD Classic:** 2007
- **GMC Sierra 1500 HD:** 2003, 2005, 2006
- **GMC Sierra 1500:** 2004, 2005, 2006
- **GMC Sierra 2500 HD Classic:** 2007
- **GMC Sierra 2500 HD:** 2003, 2004, 2005, 2006
- **GMC Sierra 2500:** 2004
- **GMC Sierra 3500 Classic:** 2007
- **GMC Sierra 3500:** 2003, 2004, 2005, 2006
- **GMC Yukon XL 1500:** 2003, 2004, 2005, 2006
- **GMC Yukon XL 2500:** 2003, 2004, 2005, 2006
- **GMC Yukon:** 2003, 2004, 2005, 2006

4. INSTALLATION INSTRUCTIONS

This section outlines the general procedure for replacing the master window switch assembly. Specific steps for removing your vehicle's door panel may vary. Consult your vehicle's service manual for detailed instructions.

4.1. Parts Included

- 1 x Dorman 920-020 Front Driver Side Master Window Switch Assembly

4.2. Required Tools (Not Included)

- Flat-head screwdriver or trim removal tool
- Phillips head screwdriver (if applicable for door panel screws)
- Socket wrench set (if applicable for door panel bolts)
- Gloves (recommended)

4.3. Installation Steps

1. **Prepare the Vehicle:** Ensure the vehicle is turned off and the parking brake is engaged. Disconnect the negative terminal of the vehicle's battery to prevent electrical shock or damage to components.
2. **Remove the Door Panel:** Carefully remove the interior door panel on the driver's side. This typically involves removing screws hidden under trim pieces, door handles, or armrests, and then gently prying the panel away from the door frame using a trim removal tool.
3. **Access the Old Switch:** Once the door panel is loose or removed, locate the existing master window switch assembly. It is usually secured by clips or screws.



Image 4.1: Using a trim tool to carefully pry the old switch assembly from its housing in the door panel.

4. **Disconnect the Old Switch:** Disconnect all electrical connectors from the back of the old switch assembly. These connectors typically have release tabs that need to be pressed or pulled.



Image 4.2: Detaching the wiring harnesses from the rear of the switch module.

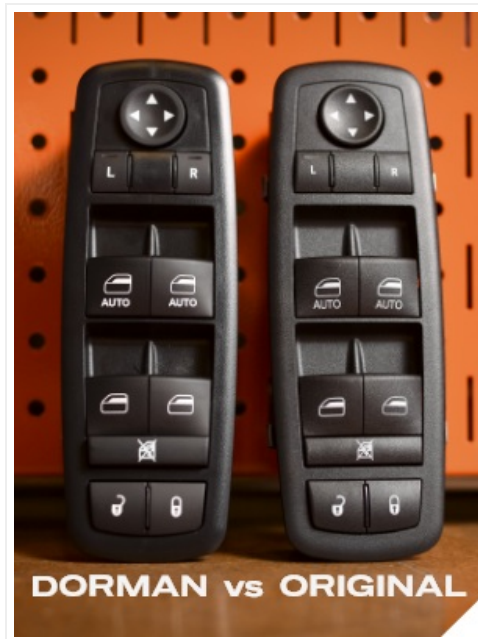


Image 4.3: Detailed view of the terminal connectors on the Dorman 920-020 switch, including 4-pin, 26-pin, 10-pin, and 12-pin configurations for plug-and-play installation.

5. **Install the New Switch:** Connect the electrical harnesses to the new Dorman 920-020 switch assembly. Ensure all connections are secure and properly seated.



Image 4.4: Inserting the new Dorman switch assembly into the door panel opening.

6. **Secure the New Switch:** Carefully snap or screw the new switch assembly into its housing in the door panel.
7. **Test Functionality:** Before reattaching the entire door panel, reconnect the vehicle's battery. Test all functions of the new switch: all windows (up/down), door locks (lock/unlock), and mirror adjustments (if applicable).
8. **Reinstall Door Panel:** If all functions operate correctly, carefully reattach the door panel, ensuring all clips align and screws are tightened. Reconnect the battery if it was disconnected for testing.

5. OPERATING INSTRUCTIONS

The Dorman 920-020 Master Window Switch Assembly provides control over the following functions:

PLUG-AND-PLAY

Seamlessly restore window control with this precision-engineered switch.

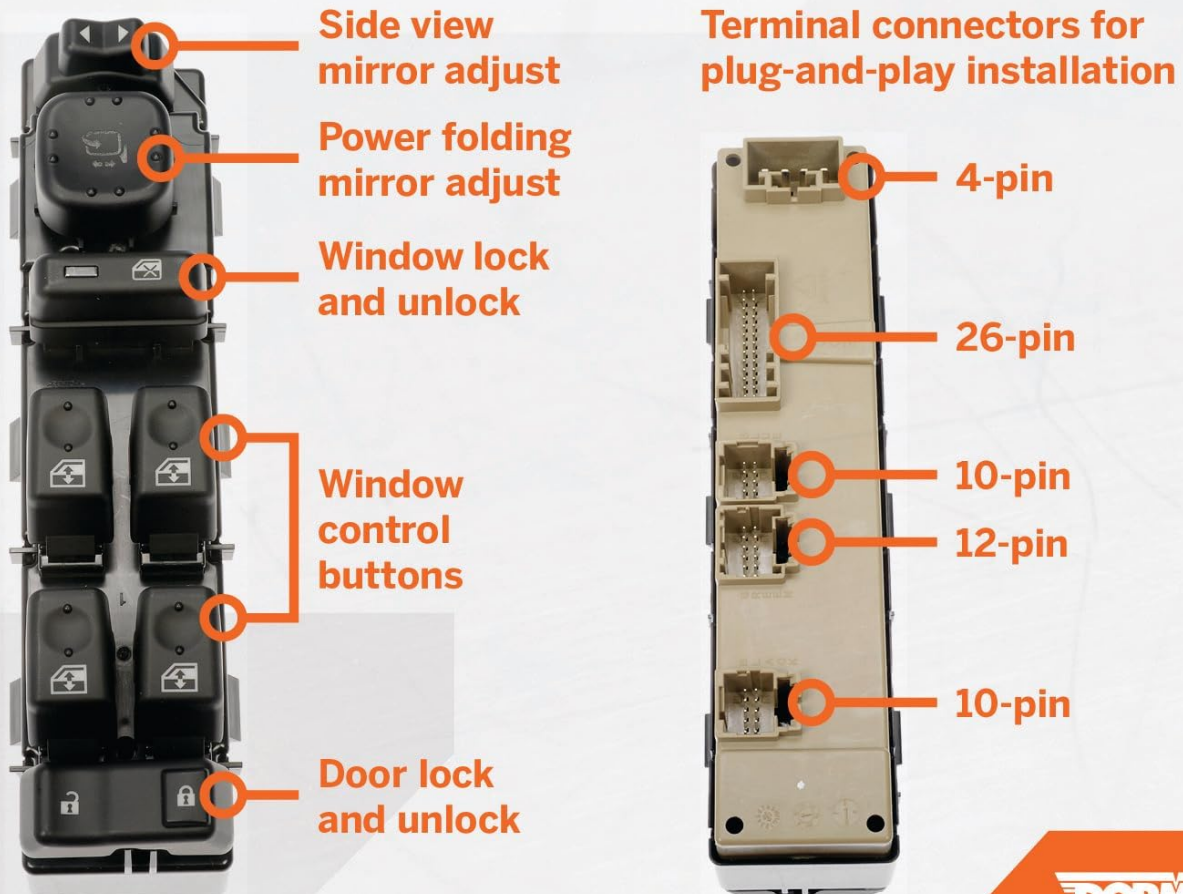


Image 5.1: Overview of the Dorman 920-020 switch buttons.

- **Window Control Buttons:** Each window button controls a specific window. Press down to lower the window, pull up to raise the window. Some vehicles may feature an "auto" function for one-touch operation.
- **Window Lock/Unlock Button:** This button typically disables the passenger window controls, preventing them from being operated by passengers. The driver's window control remains functional.
- **Door Lock/Unlock Buttons:** These buttons control the central locking system for all vehicle doors. Press to lock or unlock.
- **Side View Mirror Adjust:** Use the directional pad to adjust the position of the left or right side view mirror. A selector switch (L/R) is usually present to choose which mirror to adjust.
- **Power Folding Mirror Adjust (if applicable):** Some models may include a button for power-folding side mirrors.

6. MAINTENANCE

The Dorman 920-020 Master Window Switch Assembly is designed for long-term reliability and typically requires minimal maintenance. However, following these general guidelines can help ensure its longevity:

- **Keep Clean:** Periodically wipe the surface of the switch with a soft, damp cloth to remove dust and debris. Avoid using harsh chemicals or abrasive cleaners.
- **Avoid Liquid Spills:** Prevent liquids from spilling onto the switch assembly, as this can cause electrical shorts or damage.
- **Gentle Operation:** Operate the buttons and switches with gentle, firm pressure. Avoid excessive force.

7. TROUBLESHOOTING

If you experience issues with your Dorman 920-020 Master Window Switch Assembly, consider the following troubleshooting steps:

Symptom	Possible Cause	Solution
Window(s) not responding	<ul style="list-style-type: none"> ◦ Window lock engaged ◦ Loose electrical connection ◦ Blown fuse ◦ Faulty window motor (less likely if only one window is affected) 	<ul style="list-style-type: none"> ◦ Check if the window lock button is disengaged. ◦ Verify all electrical connectors are securely attached to the switch. ◦ Inspect and replace any blown fuses related to power windows (consult vehicle manual). ◦ If only one window is affected, the issue might be with the window motor or wiring to that specific window.
Door locks not responding	<ul style="list-style-type: none"> ◦ Loose electrical connection ◦ Blown fuse ◦ Faulty door lock actuator 	<ul style="list-style-type: none"> ◦ Verify all electrical connectors are securely attached. ◦ Inspect and replace any blown fuses related to door locks. ◦ If only one door lock is affected, the issue might be with the actuator for that door.
Mirrors not adjusting	<ul style="list-style-type: none"> ◦ Mirror selector switch in wrong position (L/R) ◦ Loose electrical connection ◦ Blown fuse 	<ul style="list-style-type: none"> ◦ Ensure the mirror selector switch is set to the desired mirror (Left or Right). ◦ Check electrical connections. ◦ Inspect and replace relevant fuses.
Battery drain or parasitic draw	<ul style="list-style-type: none"> ◦ Internal electrical fault within the switch assembly ◦ Improper installation causing a constant circuit draw 	<ul style="list-style-type: none"> ◦ Disconnect the switch and monitor battery drain. If the drain stops, the switch may be faulty. ◦ Re-check all connections for proper seating and ensure no wires are pinched or shorting. ◦ Contact Dorman customer support or a qualified automotive technician for diagnosis.

If these steps do not resolve the issue, it is recommended to consult a qualified automotive technician or contact Dorman customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	920-020
Brand	Dorman
Operation Mode	ON-OFF
Current Rating	20 Amps

Feature	Detail
Operating Voltage	5 Volts
Contact Type	Normally Open
Connector Type	Plug In
Terminal Type	Screw
Item Dimensions (L x W x H)	1 x 1 x 1 inches (Approximate, as per product data)
Circuit Type	1-way
Mounting Type	Plug-In Mount
Actuator Type	Push Button
Contact Material	Metal
International Protection Rating	IP00
Number of Positions	8
Control Method	Touch
Color	Black
Item Weight	10.5 ounces
UPC	885484494435
OEM Part Numbers	DWS-241; WST341; 10398565; 15112972; 15125143; 15181223; 15195301; 15202851; 15883320

9. WARRANTY AND SUPPORT

For warranty information, technical assistance, or further support regarding your Dorman 920-020 Master Window Switch Assembly, please contact Dorman Products directly.

You can typically find contact information on the official Dorman website or through your product retailer. When contacting support, please have your product model number (920-020) and vehicle information readily available.

Dorman is committed to providing quality automotive replacement parts and stands behind its products.

