

Model D3038 REMOTE DUST COLLECTOR SWITCH Instruction Sheet



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Introduction

The Model D3038 Remote Dust Collector Switch (Figure 1) allows the operator to turn the dust collector **ON/OFF** from a distance of up to 75 feet. Read and understand this entire document before installation to make sure the Model D3038 fits the intended application.



Figure 1. Model D3038.

CAUTION

Only connect the Model D3038 to a 110V circuit with a NEMA 5-15 receptacle. **DO NOT** connect a dust collector with a motor larger than 1½ HP. Failure to follow these warnings will void the warranty and could cause damage to the remote switch and the dust collector.

NOTICE

This switch is designed to be used only on dust collectors with standard ON/OFF toggle switches. Due to the nature of magnetic switches, the Model D3038 **WILL NOT** function properly if connected to a machine with this type of switch. If you are uncertain about the type of switch on your dust collector, contact the manufacturer for more information. Do not attempt to bypass the dust collector switch with this unit.

Use of the Model D3038 for applications other than dust collectors may cause the unit to fail and will void the warranty.

The remote control transmitters and receiver included in this package are programmed specifically for each other. For this reason, replacement transmitters are not available for purchase. If both transmitters are lost or damaged, an entire new unit must be purchased.

Specifications

Voltage 110V Only
Max. Current 15A Peak
Receiver Range 75 Feet
Control Signal Infrared
Plug/Receptacle Type..... 5-15

Inventory (Figure 2)

Qty.

- A. Receiver Unit 1
- B. Remote Control Transmitters..... 2
- C. Tap Screws 2
- D. Mounting Bracket..... 1

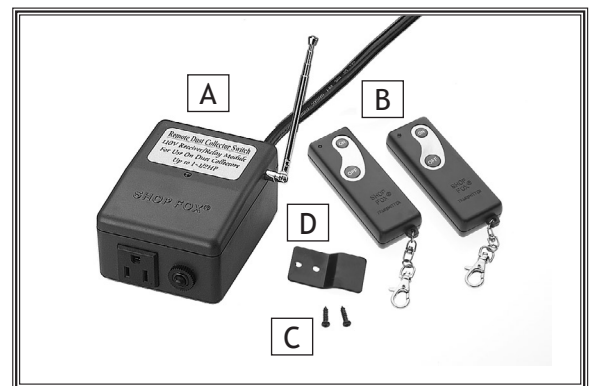


Figure 2. Inventory.

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Installation

1. Identify a mounting location for the receiver unit that allows the power cord to reach an appropriate outlet and the dust collector power to be plugged into the receiver outlet.

Note: You may choose to attach the receiver unit directly to your dust collector. If so, mount it to a portion of the frame that will not compromise the function or strength of the dust collector.

2. Attach the mounting bracket in the chosen location using the included screws, as shown in **Figure 3**. If you are mounting the bracket to the dust collector frame, you may have to use alternative mounting hardware.
3. Hook the receiver unit onto the mounting bracket.

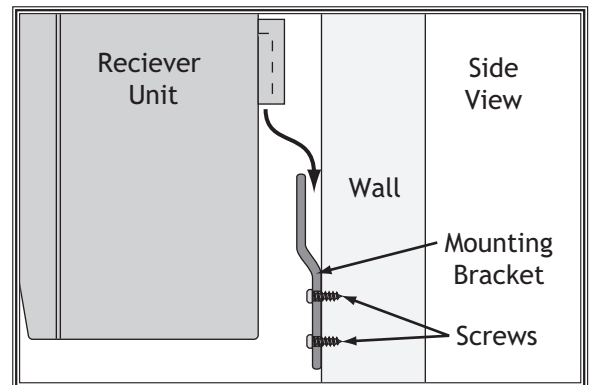


Figure 3. Mounting.

4. Plug the receiver power cord into a 5-15 receptacle, then plug the dust collector cord into the receiver unit.

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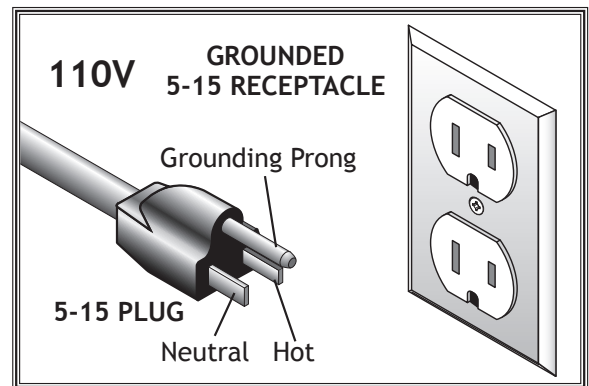


Figure 4. NEMA 5-15 plug & receptacle.

5. If the batteries are not installed in the remote control transmitters, install them as described on **Page 3**.

⚠ CAUTION

DO NOT modify the provided plug or use an adapter if the plug will not fit your receptacle. This is an indication that your power supply circuit does NOT meet the requirements for the machine; have an electrician install the correct power supply circuit. If the machine must be reconnected for use on a different type of electric circuit, the reconnection should be made by a qualified electrician or service personnel; after reconnection, the machine must comply with all local codes and ordinances.

6. Turn the remote control transmitters **ON** with the **ON/OFF** switch shown in **Figure 5**. The LED indicators will light to show the transmitters are working.

- If the LEDs don't light, remove the protective covering from the batteries. See **Replacing Batteries** below to access the batteries.

Note: To conserve battery life in the remote control transmitters, only turn them on when they are needed for use.



Figure 5. ON/OFF Switch location.

7. Turn the switch on the dust collector unit to the ON position. Test the function of the remote dust collector switch by pressing the **ON** and **OFF** buttons on each remote.

Replacing Batteries

1. Remove the two screws from the back of the remote control transmitter.
2. Remove the back of the remote control transmitter, as shown in **Figure 6**.
3. Remove the existing battery, then install a new 9V battery.
4. Replace the back of the remote transmitter and secure it with the two screws removed in **Step 1**.



Figure 6. Battery installation/replacement.

Tip: During long-term storage, remove the batteries from the remote control transmitters to prevent damage from battery leakage or corrosion.

Troubleshooting

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Unit will not turn on.	<ol style="list-style-type: none"> 1. Remote is out of range. 2. Signal is obstructed. 3. Remote is not turned ON. 4. Dust collector is turned OFF 5. Receiver circuit breaker has tripped. 6. Wall circuit breaker has tripped. 7. Remote battery is weak/dead. 8. Connected to a machine with a magnetic switch. 9. Dust collector is at fault. 10. Remote control transmitter is at fault. 11. Receiver unit is at fault. 	<ol style="list-style-type: none"> 1. Move remote closer to receiver unit. 2. Remove obstructions to provide direct line of sight between remote and receiver. 3. Turn ON remote control transmitter. 4. Turn ON dust collector. 5. Allow unit to cool, then press the button on the bottom of the receiver unit to reset breaker. 6. Reset wall circuit breaker. Check that breaker is in good condition and circuit is properly sized for the dust collector in use. 7. Replace weak/dead battery. 8. Only use this unit on machines with standard ON/OFF toggle switches. 9. Refer to dust collector manufacturer's documentation for troubleshooting. 10. Check/use second remote. 11. Replace unit.

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