

# 2-ROCKER & 3-ROCKER SWITCHES

## WARNING

ALL ELECTRICAL WORK MUST BE DONE IN ACCORDANCE WITH LOCAL CODES, ORDINANCES, OR NATIONAL ELECTRICAL CODE AS APPLICABLE. **FOR SAFETY, THIS PRODUCT MUST BE INSTALLED IN A GROUNDED SWITCH BOX.** IF YOU ARE UNFAMILIAR WITH METHODS OF INSTALLING ELECTRICAL WIRING, SECURE THE SERVICES OF A QUALIFIED ELECTRICIAN.

Turn off power and lock out service panel before installing or wiring this product.

Use this control only with copper or copper-clad wire. Do not use aluminum wire with this device.

## INSTALLATION

### 1. WARNING

To avoid fire or electrical shock, turn off power at circuit breaker or fuse. Test that the power is off before wiring.

### 2. MOUNT THE SWITCH BOX

*For 2-Rocker Switch:* Install a 3½" deep single-gang switch box or a 2" deep double-gang switch box.

*For 3-Rocker Switch:* Install a 2½" deep double-gang switch box with a single device adapter plate.

### 3. ATTACH POWER CABLE

Clamp wiring to switch box and unit using appropriate clamp. Provide 6" leads inside box and fan for easier wiring.

### 4. CONNECT WIRING

General instructions for all configurations:

Make sure both the switch box and the appliance are properly grounded.

Make sure ground wire is securely fastened to control's ground screw. Tighten ground screw 14 to 16-in. lbs. torque.

Remove insulation per strip gauge on control (approx. 5/8"). Use proper wire nut sizes for number and size of wires.

For push-in terminals: Use #14-AWG solid copper wire only.

For screw terminals: Use #12 or #14-AWG solid copper wire only. Tighten screw terminals 14 to 16-in. lbs. torque.

### Choose 4A., 4B. or 4C

4A. When using 2-Rocker or 3-Rocker Switch to turn an appliance ON & OFF:

Make electrical connections following appropriate diagram.

**(over)**

## WARNING

To prevent serious injury from electrical shock or damage to electrical components - **DO NOT WIRE HOT!**

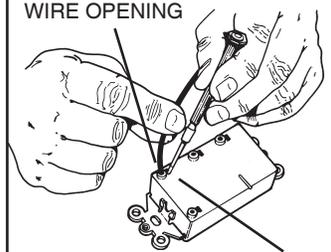
Each individual rocker switch on this control is rated at 15 AMPS, @ 120 VAC. The total load on this control must not exceed 20 AMPS, @ 120 VAC.

Warranty is void if miswired.

**NOTE:** If the switch has not been wired properly and wires need to be moved, proceed as follows:

**WARNING:** To avoid fire or electrical shock, turn off power at circuit breaker or fuse. Test that the power is off before wiring.

### WIRE OPENING

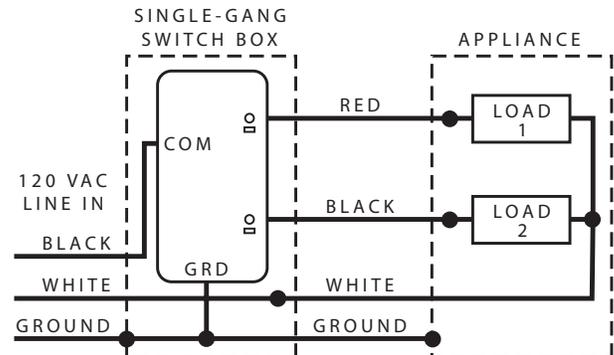


RELEASE SLOT

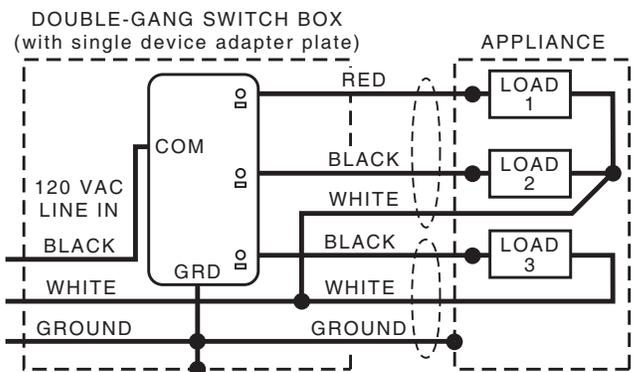
1. Each wire opening has a release slot.
2. Push a small nail or screwdriver into release slot while gently removing wire.
3. **DO NOT** pull any wire out of the switch without using the release slot. The switch may become damaged.

## STEP 4A

### 2 - ROCKER SWITCH



### 3 - ROCKER SWITCH



**4B. When using a 2-Rocker Switch to turn a range hood ON & OFF from another location with 120 VAC POWER CABLE ENTERING SWITCH BOX:**

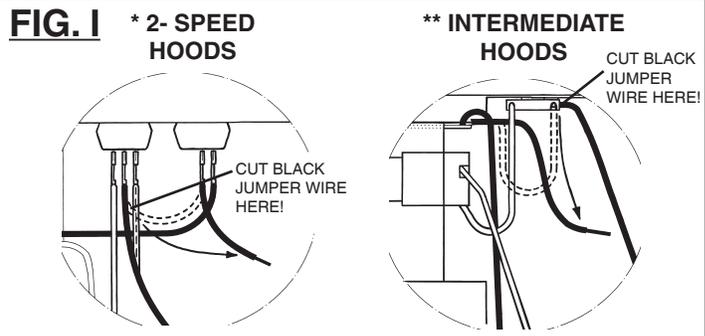
Remove the range hood's wiring cover. If the hood has a BLACK JUMPER WIRE, it must be cut and the end stripped as shown. (FIG. 1)

Use UL approved clamps to secure all cables to hood and box. Make wiring connections following appropriate diagram. Use proper wire nut sizes for number and size of wires. Replace range hood wiring cover.

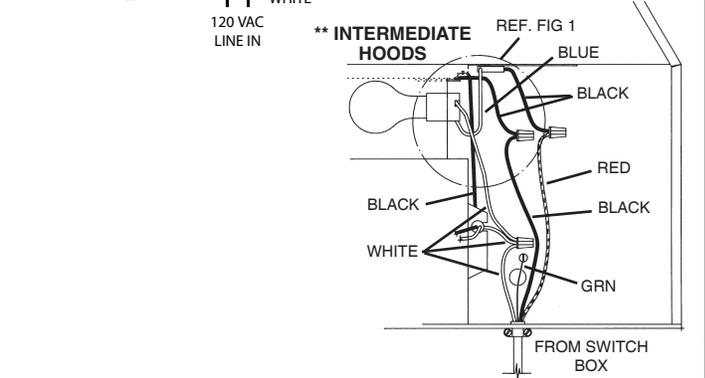
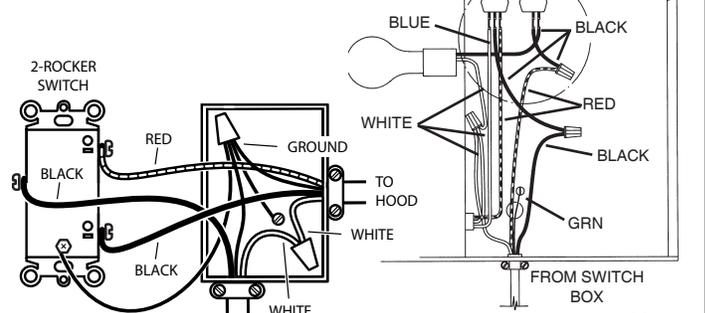
**4C. When using a 2-Rocker Switch to turn a range hood ON & OFF from another location with 120 VAC POWER CABLE ENTERING HOOD:**

Remove the range hood's wiring cover. If the hood has a BLACK JUMPER WIRE, it must be cut and the end stripped as shown. (FIG. 1)

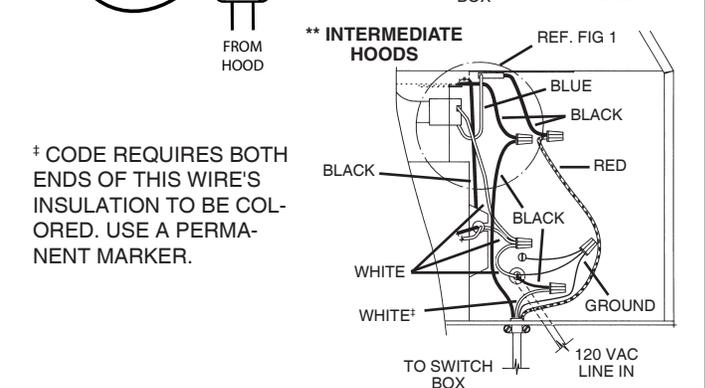
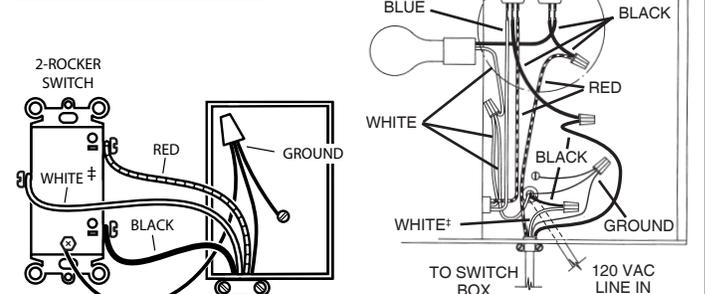
Use UL approved clamps to secure all cables to hood and box. Make wiring connections following appropriate diagram. Use proper wire nut sizes for number and size of wires. Replace range hood wiring cover.



**STEP 4B POWER INTO SWITCH**



**STEP 4C POWER INTO HOOD**



‡ CODE REQUIRES BOTH ENDS OF THIS WIRE'S INSULATION TO BE COLORED. USE A PERMANENT MARKER.

**5. MOUNT CONTROL IN SWITCH BOX**

Tuck wires into switch box and fasten the control to box using attached screws.

**6. ATTACH SWITCH PLATE**

Fasten the switch plate to the control using the short screws from the parts bag.

**\* 2-SPEED RANGE HOODS:**

Broan 40000, F40000, 41000, 42000, 43000, 52000, 53000, PM25, & QS1 Series, Nautilus NV, NW, & NX Series

**\*\* INTERMEDIATE RANGE HOODS:**

Broan 46000, QT20000, & PM44 Series

**BROAN-NUTONE LLC ONE YEAR LIMITED WARRANTY**  
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 During this one-year period, Broan-NuTone LLC will, at its option, repair or replace, without charge, any product or part which is found to be defective under normal use and service.  
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 To qualify for warranty service, you must (a) notify Broan-NuTone LLC at the address stated below or telephone: 1-800-637-1453, (b) give the model number and part identification and (c) describe the nature of any defect in the product or part. At the time of requesting warranty service, you must present evidence of the original purchase date.  
**BROAN-NUTONE LLC, 926 West State Street, Hartford, WI 53027**

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