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# BROAN 744 FL Owner's Manual

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## RECESSED FLUORESCENT FAN / LIGHT

### READ AND SAVE THESE INSTRUCTIONS

#### WARNING



**TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR INJURY TO PERSONS, OBSERVE THE FOLLOWING:**

1. Use this unit only in the manner intended by the manufacturer. If you have questions, contact the manufacturer at the address or telephone number listed in the warranty.
2. Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
3. Installation work and electrical wiring must be done by a qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction codes and standards.
4. Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent backdrafting. Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association (NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE), and the local code authorities.
5. When cutting or drilling into wall or ceiling, do not damage electrical wiring and other hidden utilities.
6. Ducted fans must always be vented to the outdoors.
7. Never place a switch where it can be reached from a tub or shower.
8. Do not use a dimmer switch to operate the light in this unit.
9. Install this unit in a flat ceiling only.
10. For use in non fire rated installations only.
11. Not for use in environmental air handling spaces.
12. If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application and be connected to a GFCI (Ground Fault Circuit Interrupter) - protected branch circuit.

#### OPERATION

The fan and light can be controlled by on/off switches and controls.

- Fan and light controlled by a single switch
- Fan and light controlled by separate switches
- Fan controlled with thermostat
- Fan controlled with speed control

See "Connect Wiring" section for details.

#### CLEANING

**To clean trim ring / baffle:** Wipe with a damp cloth or remove trim ring / baffle and wash with mild soap or detergent. Dry thoroughly.

**To clean inside of housing:** Use a vacuum inside of housing.

#### MAINTENANCE

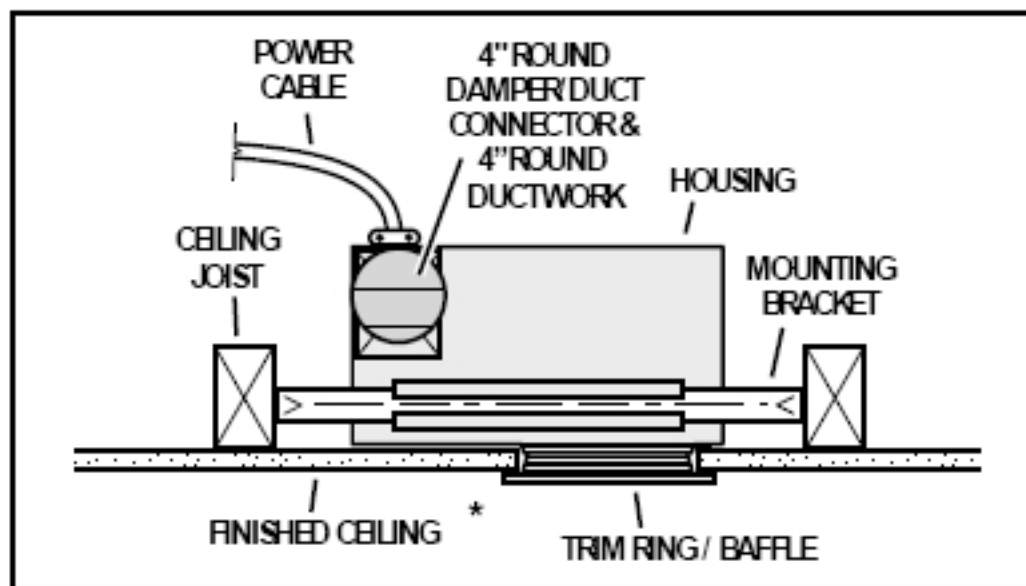
Motor is permanently lubricated. See "Service Parts" section for details.

#### WARRANTY

**BROAN-NUTONE**  
Broan-NuTone warrants to the original purchaser that such products will be free from defects in material and workmanship for one year from the date of original purchase. THIS WARRANTY IS EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. During this one-year period, Broan-NuTone will, at no charge, any product or part which is found to be defective.

Installer: Leave this manual with the homeowner.

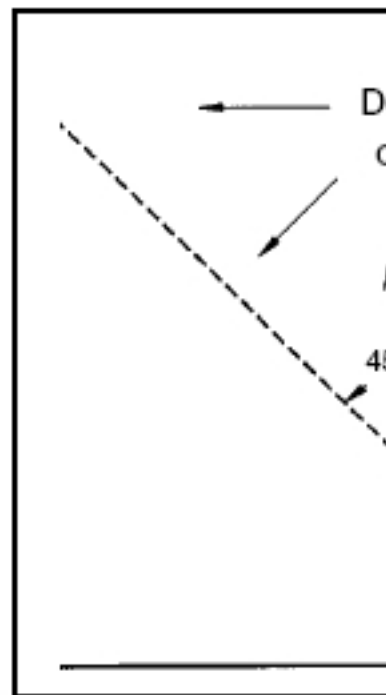
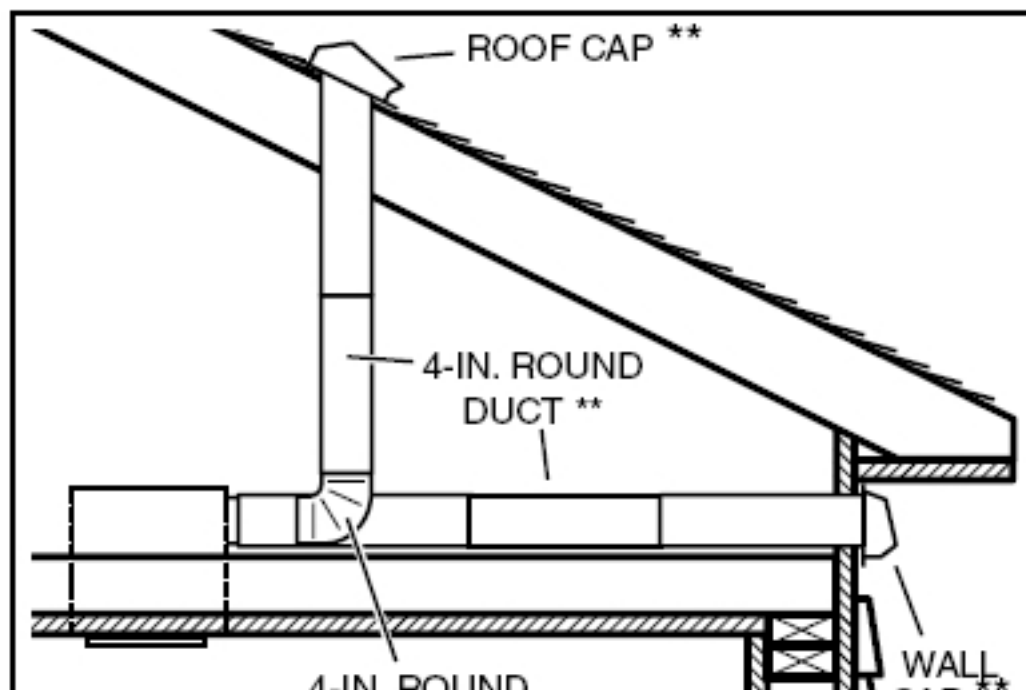
## PLAN THE INSTALLATION



*Typical Installation*

The unit can be installed anywhere between ceiling joists using mounting brackets provided.

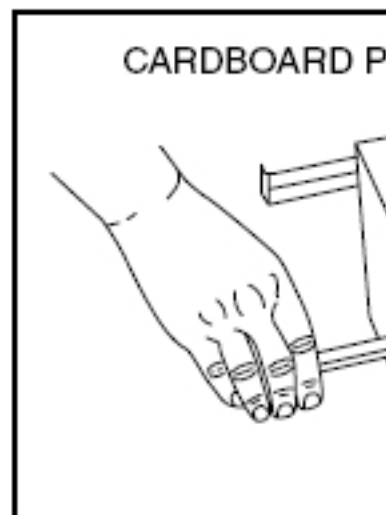
\* Install in a flat ceiling only.



*Do not install*

The unit must not be installed as shown.

## INSTALLATION

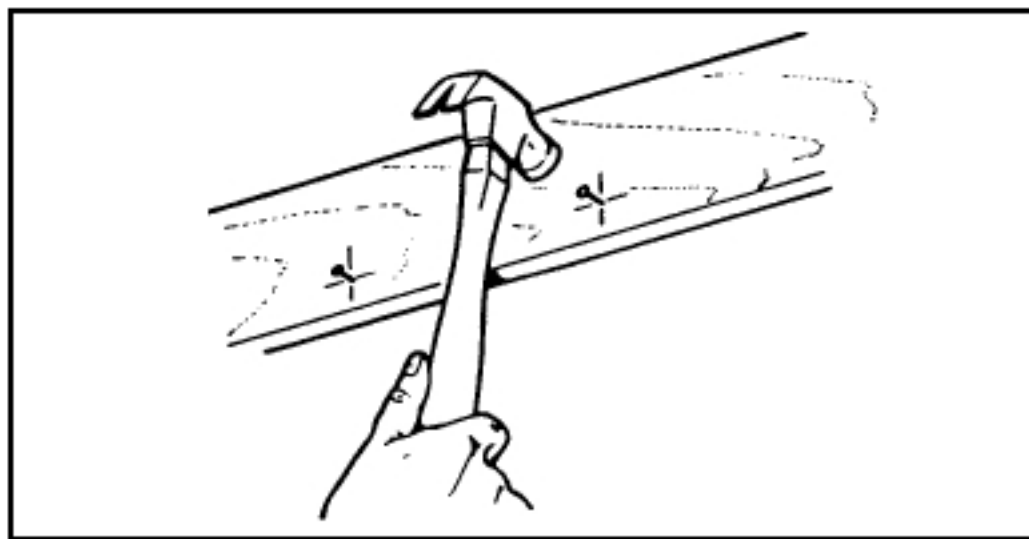


### 1. Install mounting

Slide the adjustable mounting bracket on the housing.

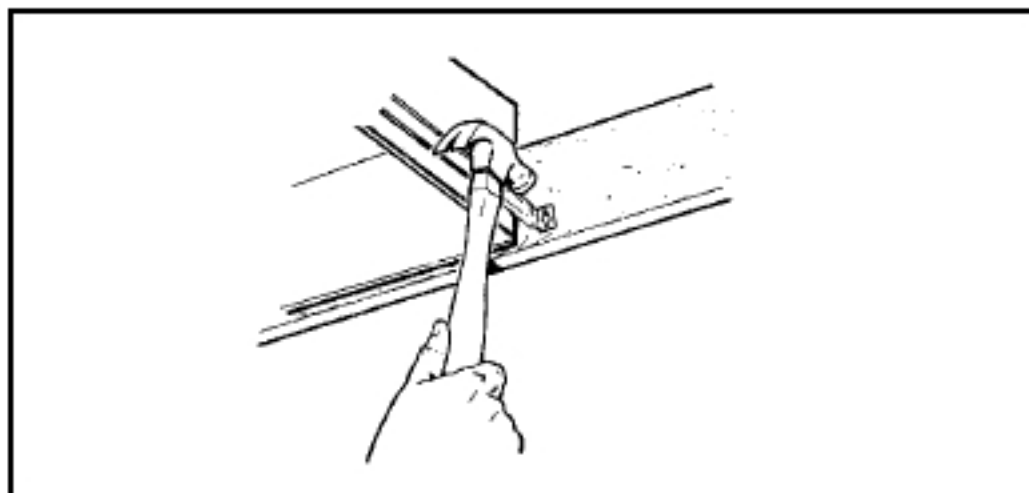
Bend the tabs on the mounting bracket into opening in housing.

NOTE: The cardboard piece is to be removed from drywall spray and after construction is complete.



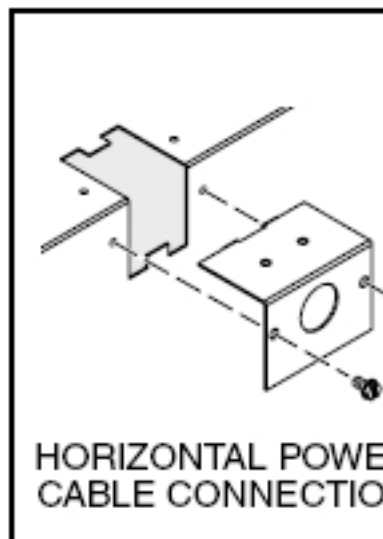
### 3. Pound in nails.

Remove unit temporarily, and pound nails partially into joists at all four marked locations.



### 4. Hang and secure housing.

Hang unit from nails. Check to make sure that there will be a 1/8" gap between bottom of housing and ceiling material. Pound nails tight. For wide joist centers: A #8 x 3/8 self-tapping screw can be used to join extended brackets together and create a rigid mount. To ensure a noise-free mount, crimp the bracket channels tightly around mounting brackets.



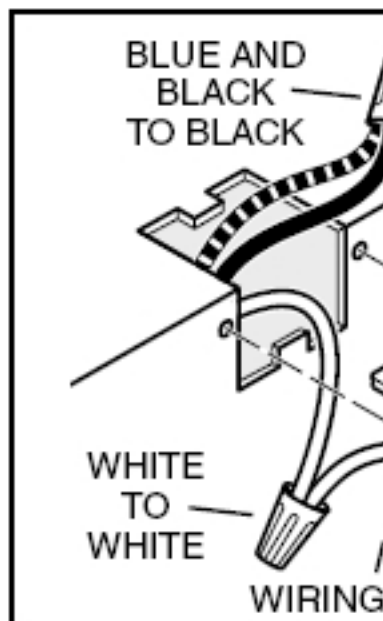
HORIZONTAL POWER  
CABLE CONNECTION

### 6. Choose power c

Remove wiring plate. W  
the power cable to ente

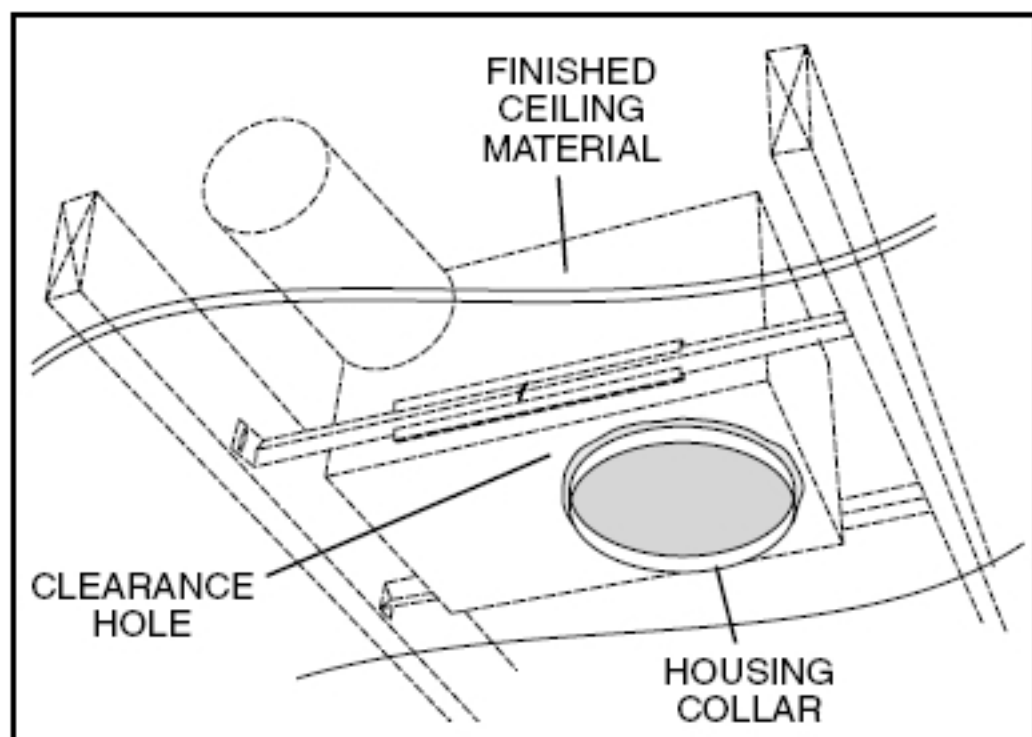
### 7. Connect wiring.

Unit can be wired from  
approved connectors to



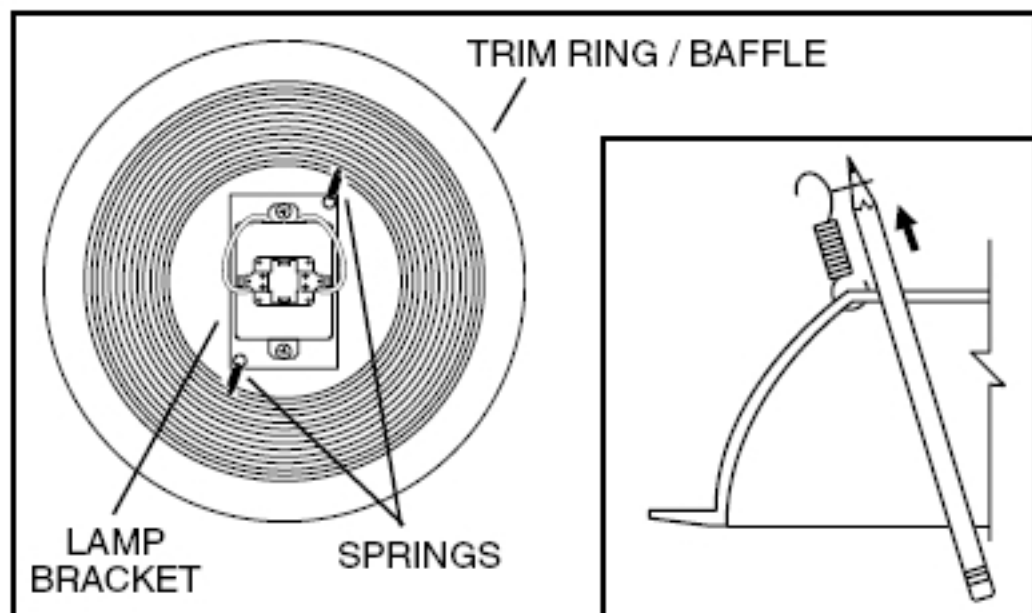
Fan and Light op

BLUE (FAN)  
TO  
BLACK



## 8. Finish ceiling.

Cut an opening in finished ceiling material for housing collar.



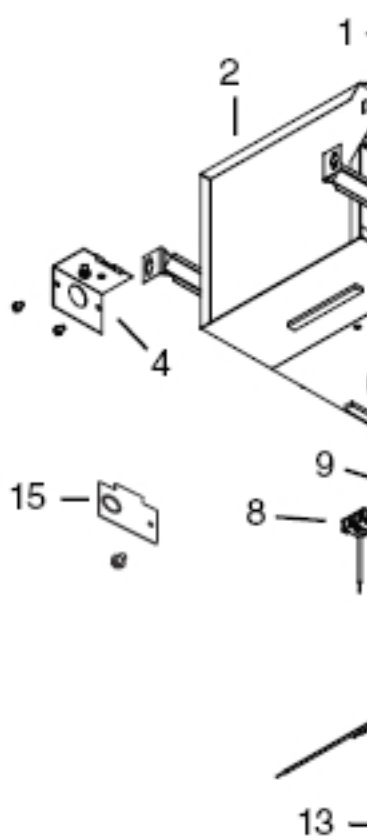
## 9. Attach trim ring / baffle to housing.

Remove the cardboard protector from inside the housing collar.

Use a pencil to insert one end of each spring into the holes on the lamp bracket. Center trim ring / baffle in ceiling opening.



## SERVICE PARTS



KEY NO.	PART NO.
1	9701418
2	9701638
3	9800303
4	9800551
5	9952480
6	9952480
7	9908055
	9701645
8	-----
9	9942055
10	9701684