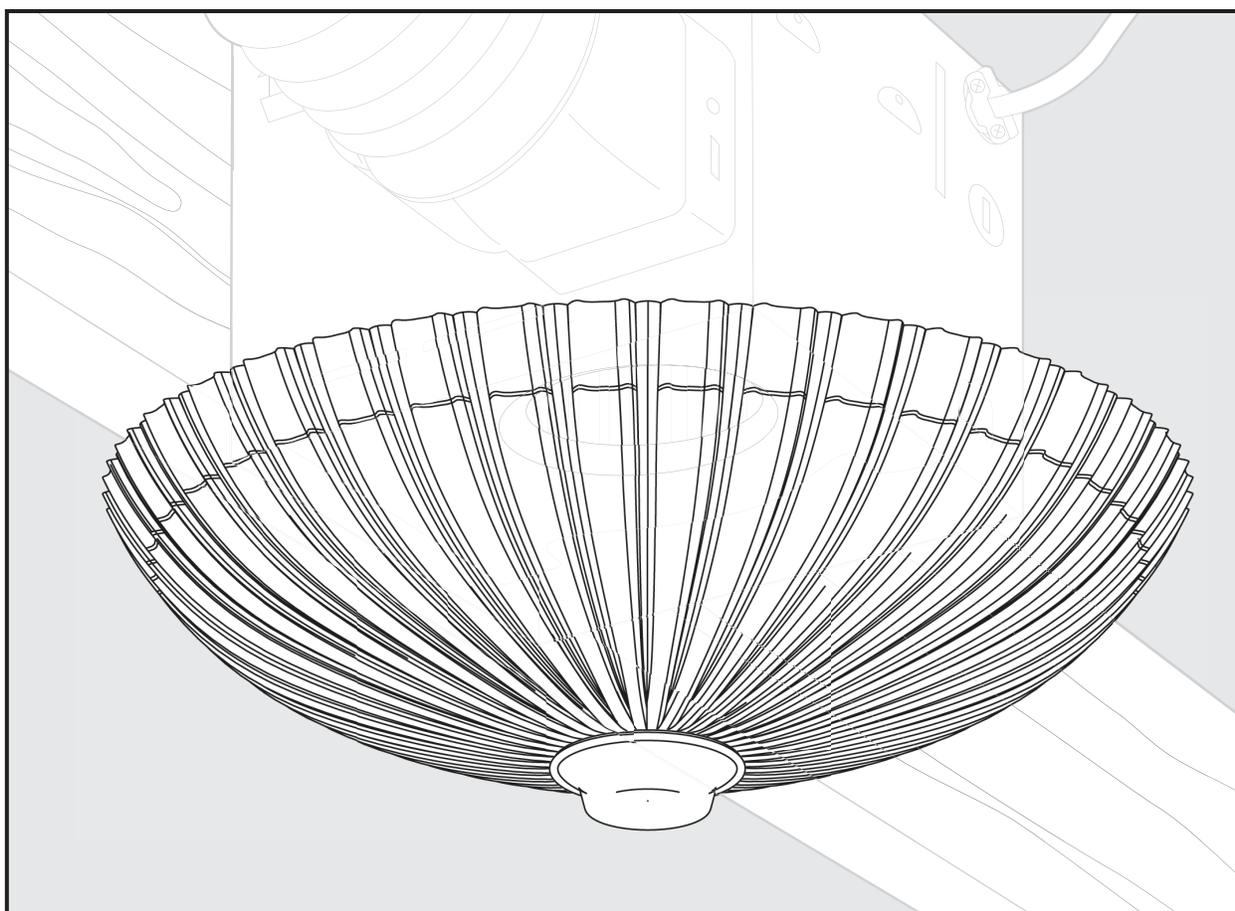




SINCE

1886

I n s t a l l a t i o n G u i d e



82048 Turino Bath Ventilator with Light
READ and SAVE THESE INSTRUCTIONS

ENGLISH
See page 2

ESPAÑOL
Vea la página 23

FRANÇAIS
Consulter la page 45

! WARNING

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

1. Use this unit only in a manner intended by the manufacturer. If you have questions, contact the manufacturer.
2. Before servicing or cleaning the 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 qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
4. Sufficient air is needed for proper combustion and exhausting of gasses 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 Prevention 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(s) or ceiling, do not damage electrical wiring or other hidden utilities.
6. Ducted fans must always be vented to the outdoors.
7. 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.
8. Never place a switch where it can be reached from a tub or shower.
9. Install fan at least 5 feet (1.52 m) above the floor.
10. This unit must be grounded.
11. Unit must not be installed in a ceiling thermally insulated to a value greater than R40.

! CAUTION

1. For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
2. To avoid motor bearing damage and noisy/unbalanced impellers, keep drywall spray, construction dust, etc. off power unit.
3. DO NOT install this product in a wall. This product is designed for installation in ceilings up to a 12/12 pitch (45 degrees). Ductwork must point upward.
4. Please read specification label on product for further information and requirements.

! WARNING

DISCONNECT ELECTRIC POWER SUPPLY AND LOCK OUT SERVICE PANEL BEFORE SERVICING UNIT

PREVENTATIVE MAINTENANCE

A clean fan provides better service. Disconnect the power supply and clean the fan as listed below.

TO CLEAN GRILLE: Use a mild detergent, such as dishwashing liquid, and a soft cloth. DO NOT use abrasive cloths, steel wool pads or scouring powders.

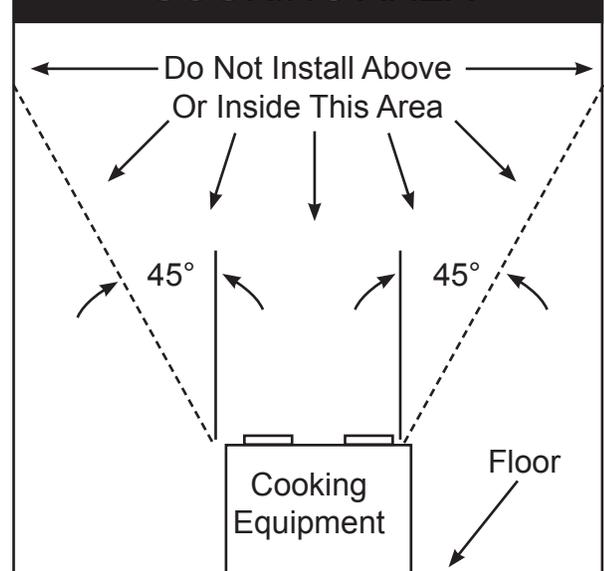
TO CLEAN FAN ASSEMBLY: Unplug motor cord from receptacle. To remove motor plate, find the single tab on the motor plate (located next to the receptacle). Push up rear motor plate tab while pushing out on the side of the housing or insert a screwdriver into the slot in the housing (next to tab) and twist screwdriver. Gently vacuum fan, motor and interior of housing.

METAL AND ELECTRICAL PARTS SHOULD NEVER BE IMMERSSED IN WATER.

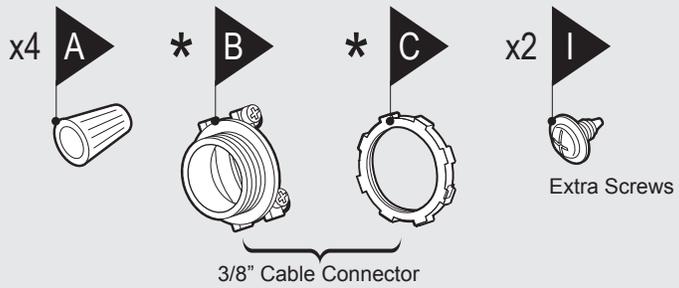
MAINTENANCE

The motor is permanently lubricated and never needs oiling. If the motor bearings are making excessive or unusual noises, replace the motor with the exact service motor. You should replace the impeller at the same time.

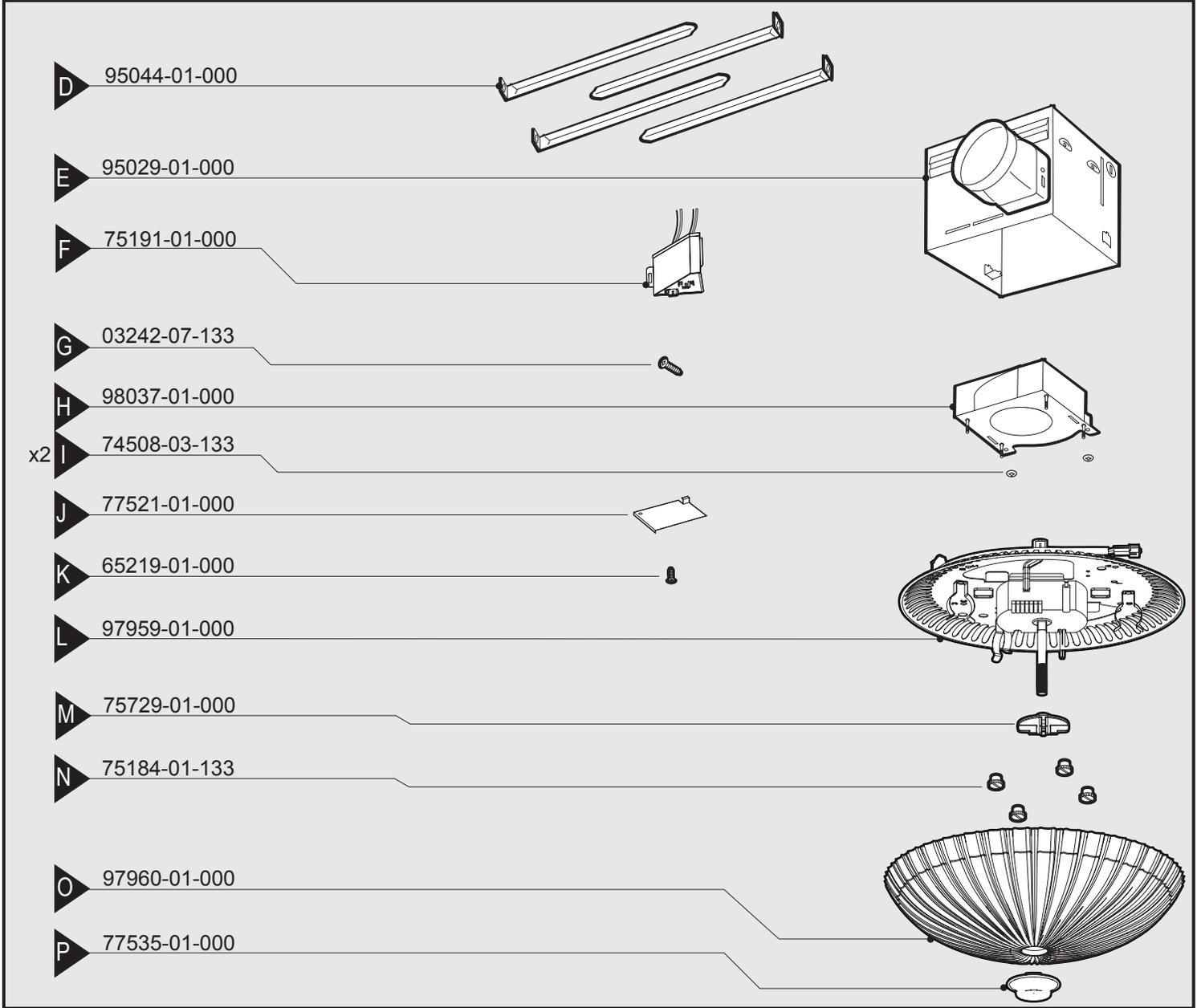
COOKING AREA



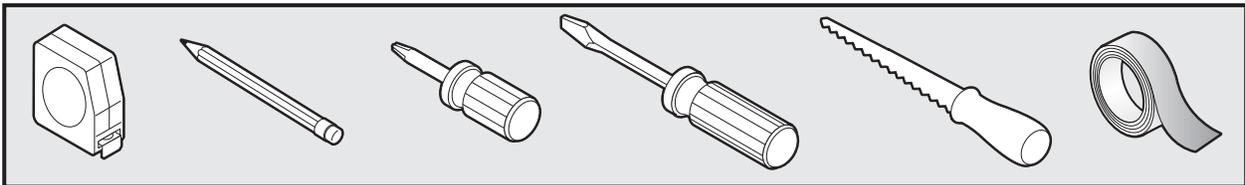
Check all the parts.
If damaged, call
1-888-830-1326
for replacements.



* NOTE: Strain relief cable connector must be installed. Not Included.



Included.

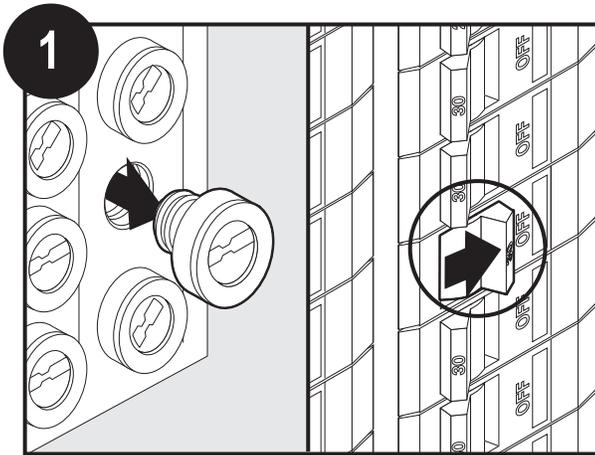


Tools Needed.

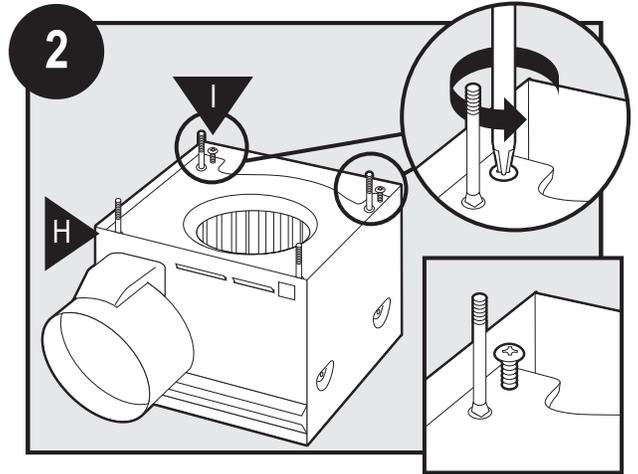
Estimated assembly time: 30 to 60 minutes

Before Installation

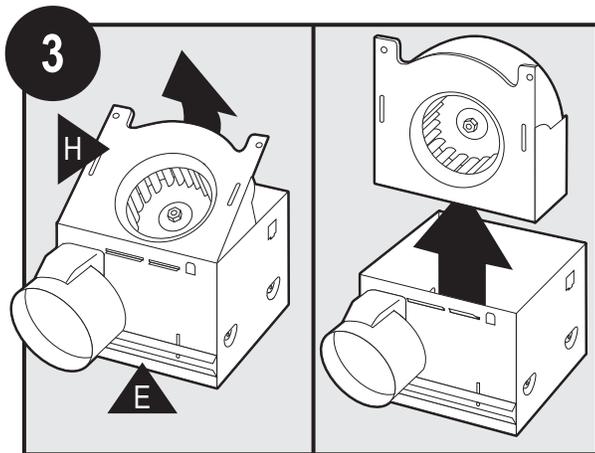
NOTE: Remove all packing materials before installation.



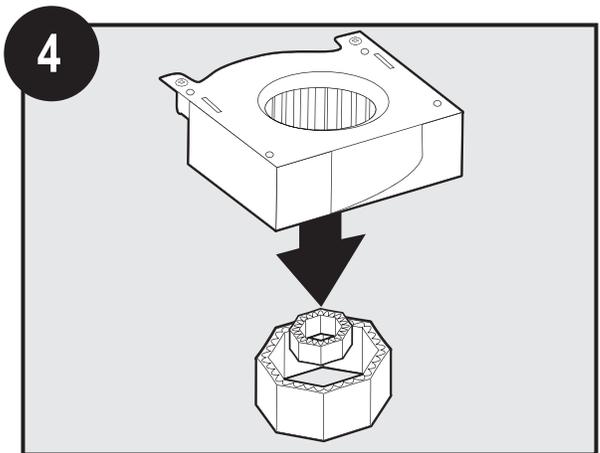
Turn off the power source.



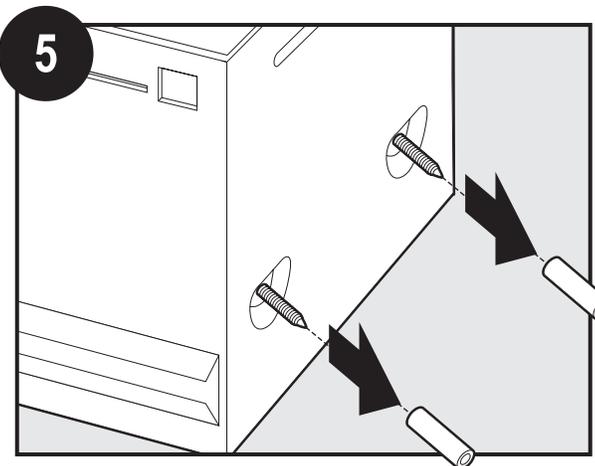
Loosen screws.



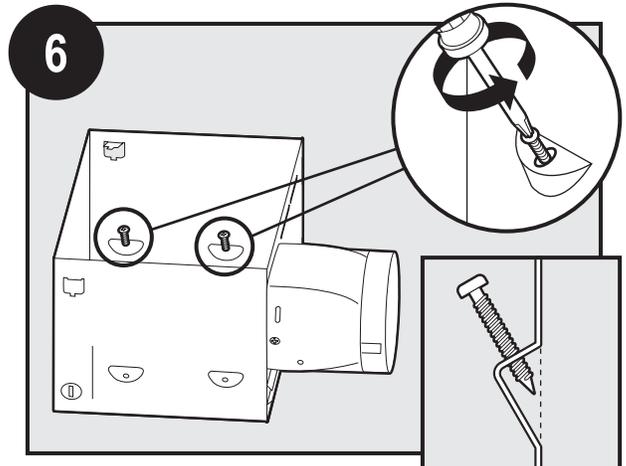
Remove the motor/blower from the housing.



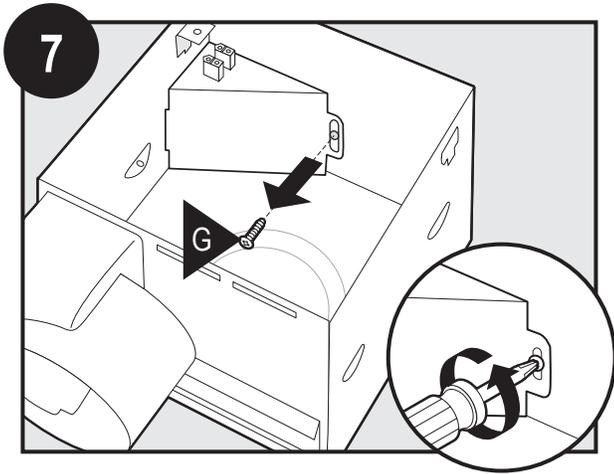
Remove packing material.



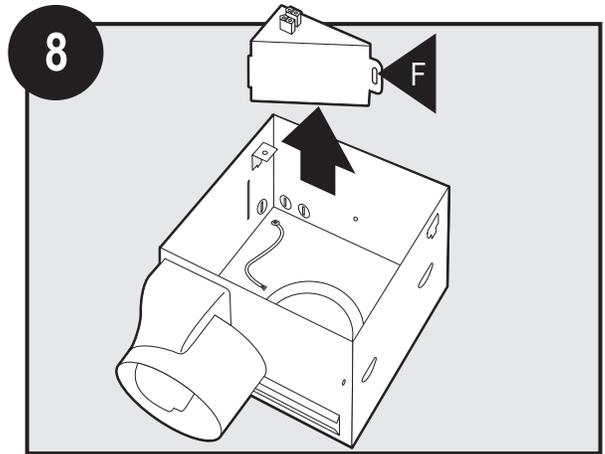
Remove the pre-loaded screw tip covers.



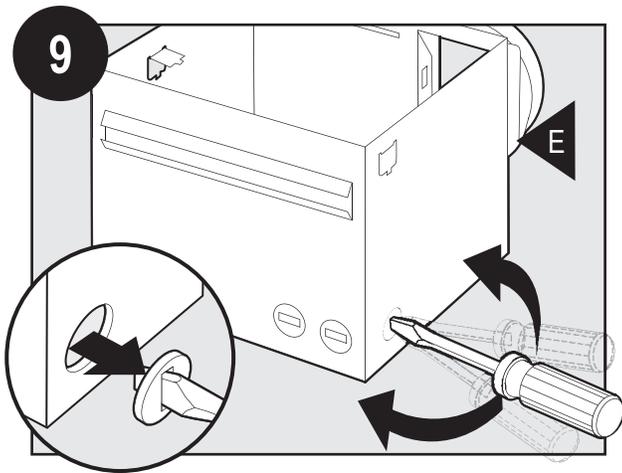
Back out the pre-loaded screw tips until flush with the side of the housing.



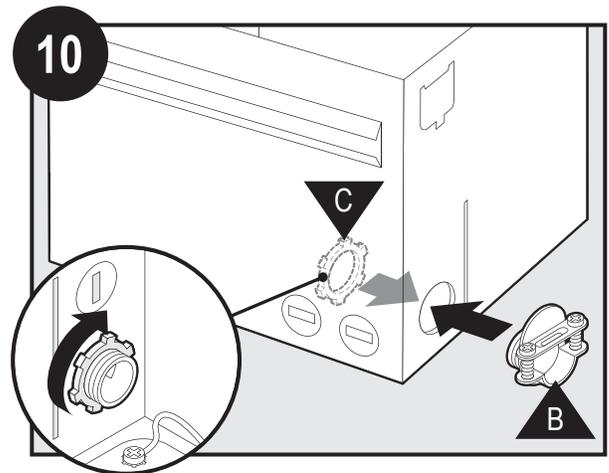
Remove the wiring cover screw.



Remove the wiring cover.



Pop out the first wiring access slug. Use second if needed.

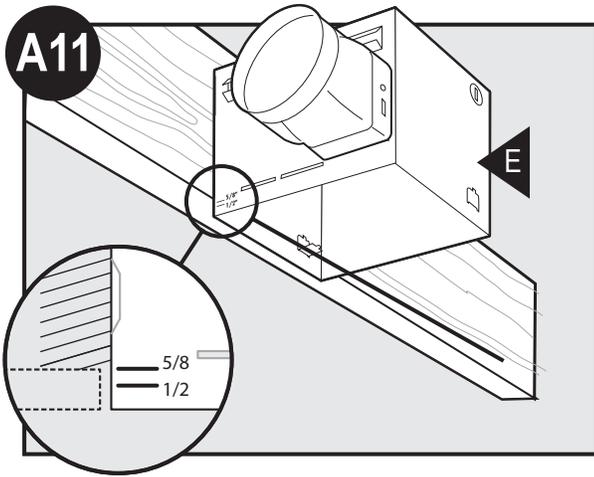


Insert the strain relief into the housing and secure with the washer.

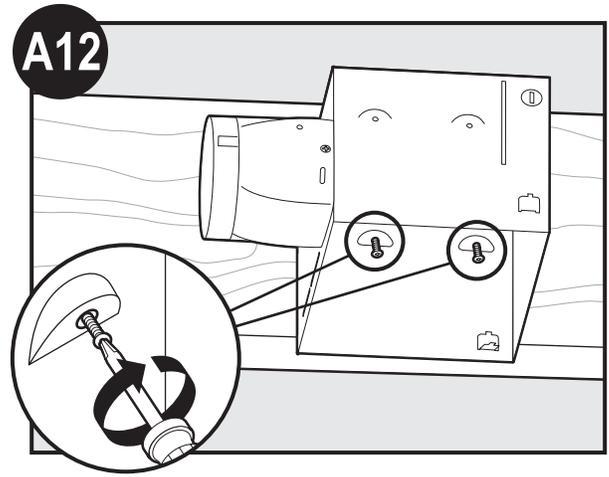
Choose Installation Option

- For New Construction - attaching to joist fo to step A11, page 6
- For New Construction - suspended between joists go to step B11, page 8
- For Existing Construction - accessible from above go to step C11, page 11
- For Existing Construction - accessible only from below go to step D11, page 15

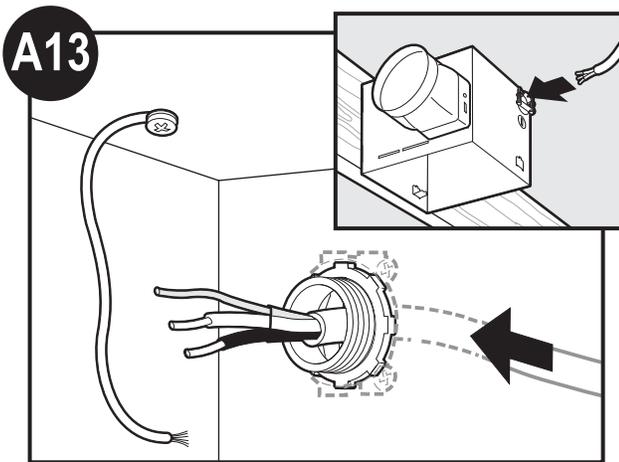
New Construction – attaching to joist



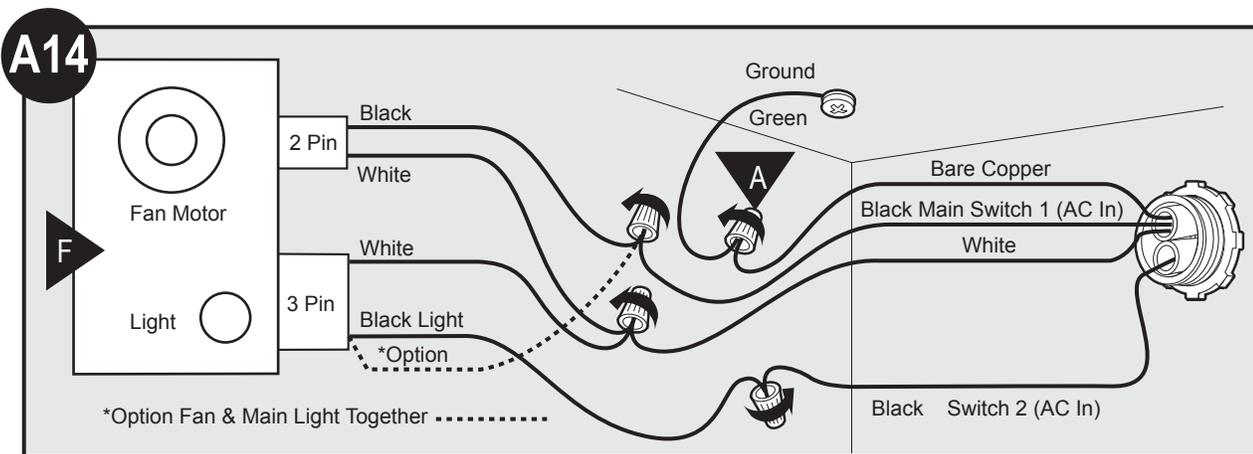
Position the correct depth mark at the bottom edge of the joist based on the thickness of your sheetrock.



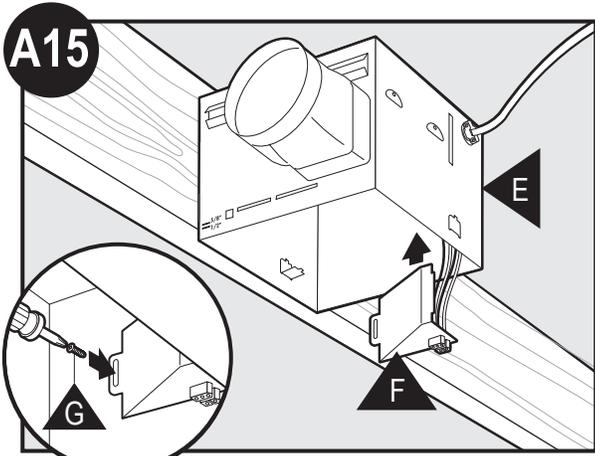
Screw pre-loaded screws into joist or framing.



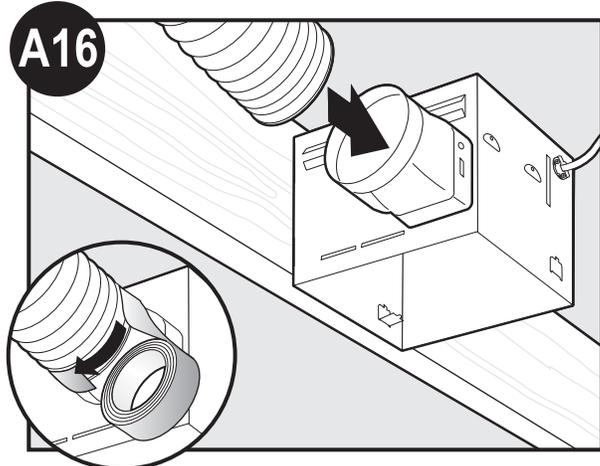
Pull wires through the strain relief.



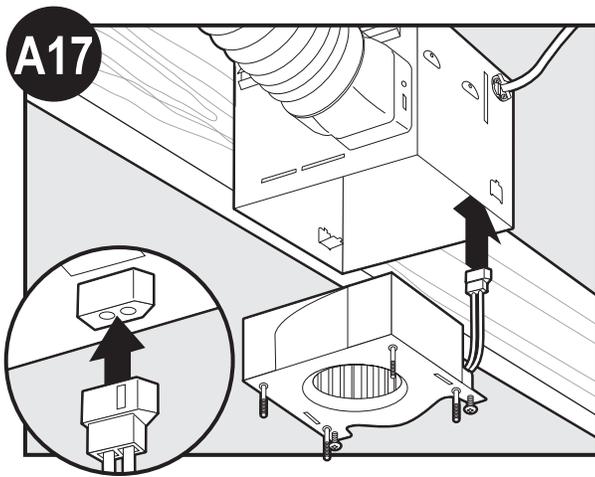
Connect wires as shown.



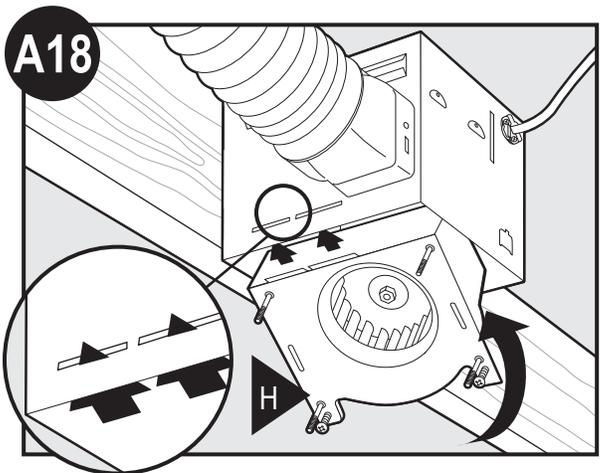
Install the wiring cover plate. Make sure all wiring connections are inside the box or under the wiring cover plate.



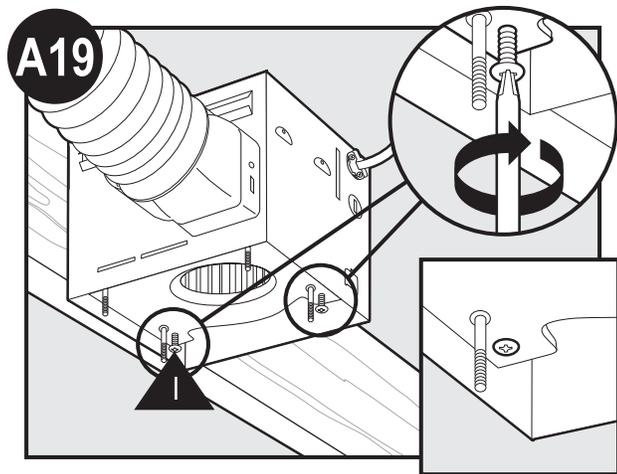
Connect 4" duct and vent to the outside. Tape joints. If ducting does not fit securely, an adapter may need to be purchased.



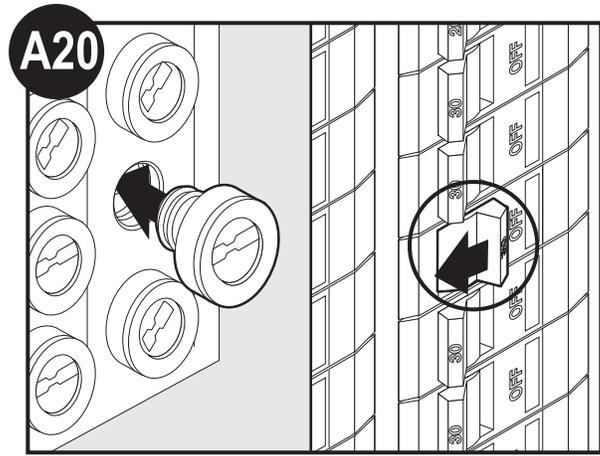
Connect wiring from the motor to the wiring cover plate.



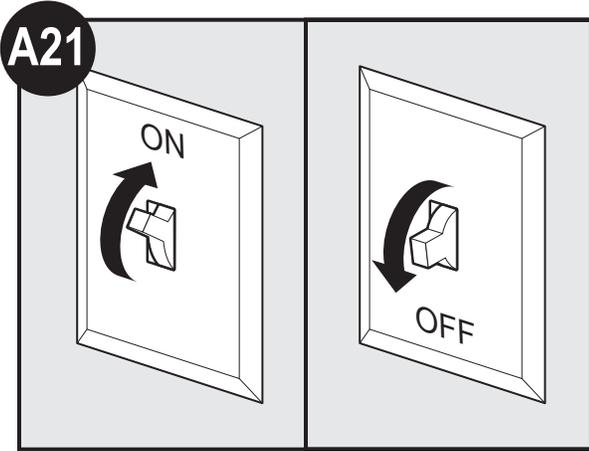
Reinstall the motor by inserting the tabs and pushing up into position. Make sure the wires are not pinched between the motor and the housing.



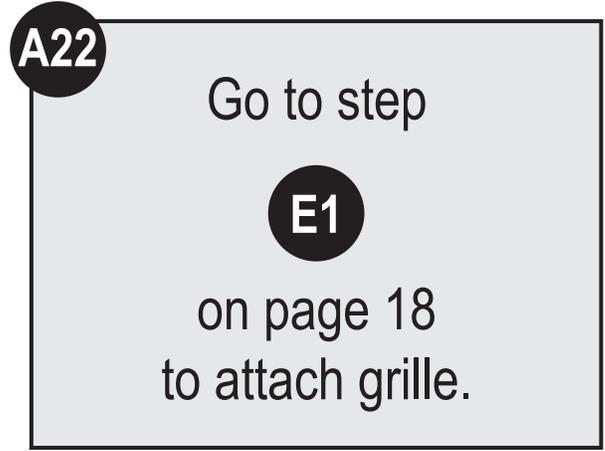
Secure the motor by tightening the 2 screws.



Turn on the power source.

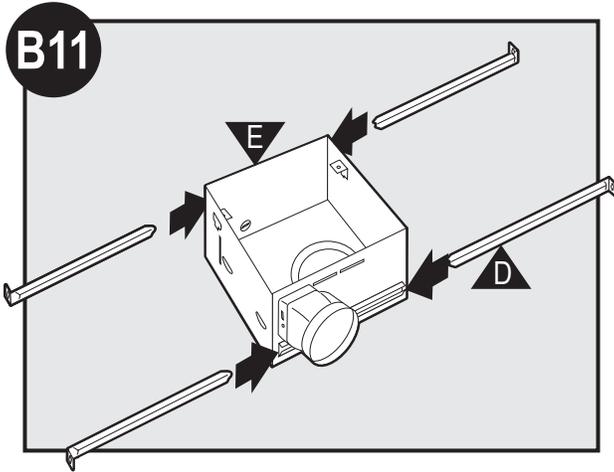


A21
Test the motor. If the motor does not run, check the plug connection.

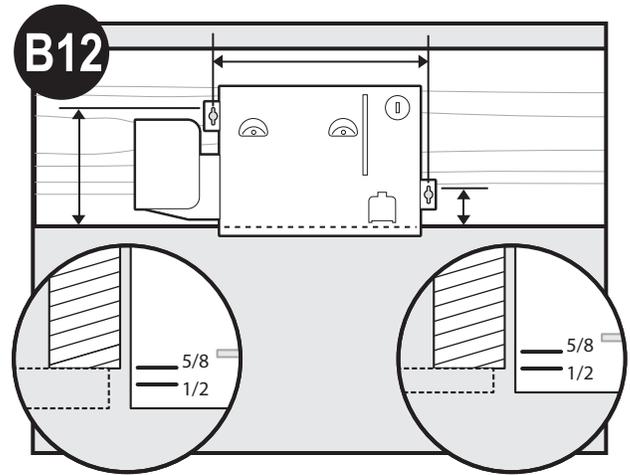


Go to step
E1
on page 18
to attach grille.

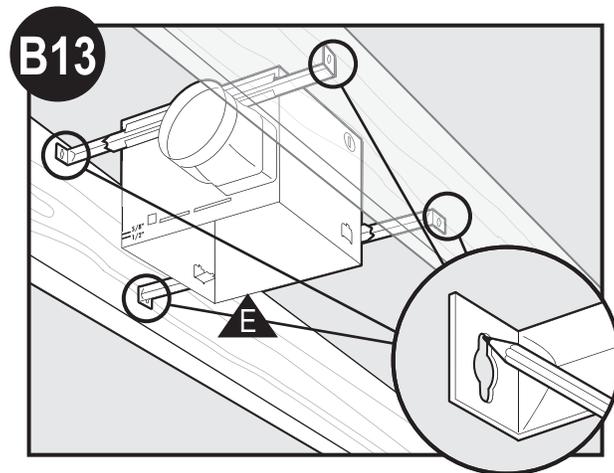
New Construction – suspended between joists



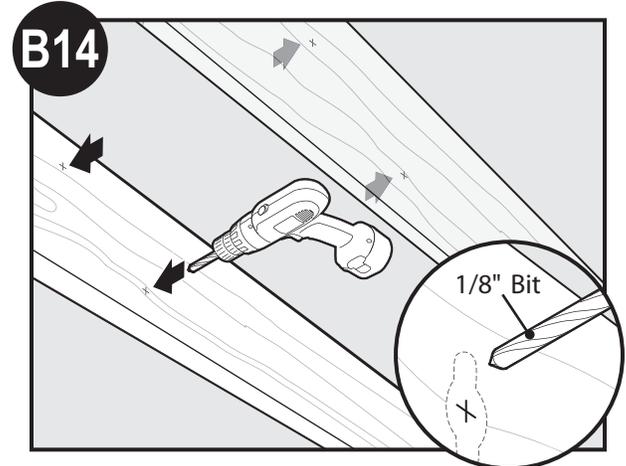
B11
Slide the mounting rails into brackets.



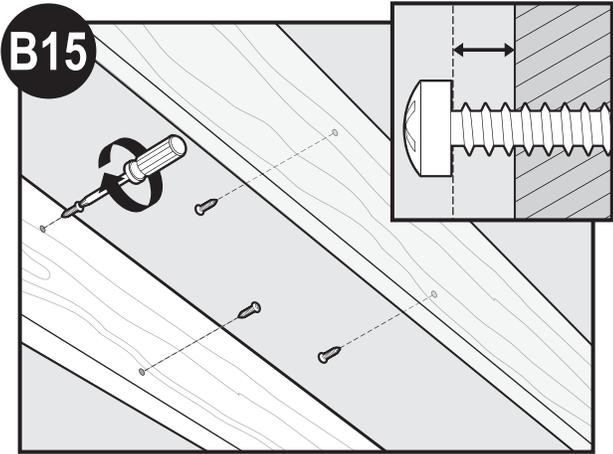
B12
Position the correct depth mark at the bottom edge of the joist based on the thickness of your sheetrock.



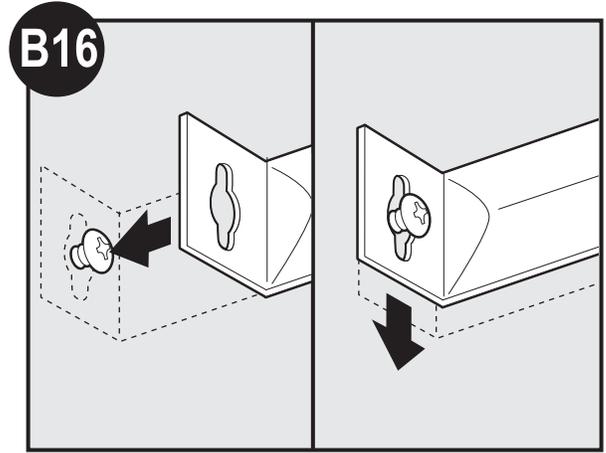
B13
Mark position of screws by using holes as a template.



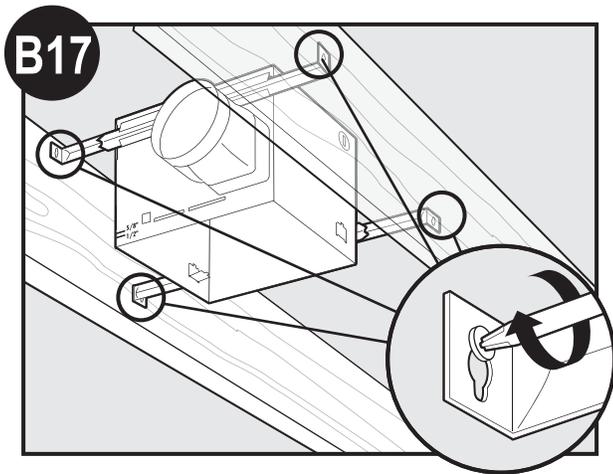
B14
Drill a hole in the center of each outline.



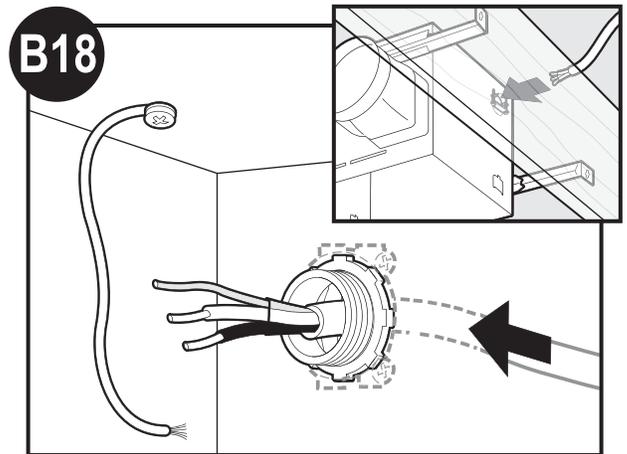
Insert screws, leaving space between the screw head and the joist. Screws are not provided.



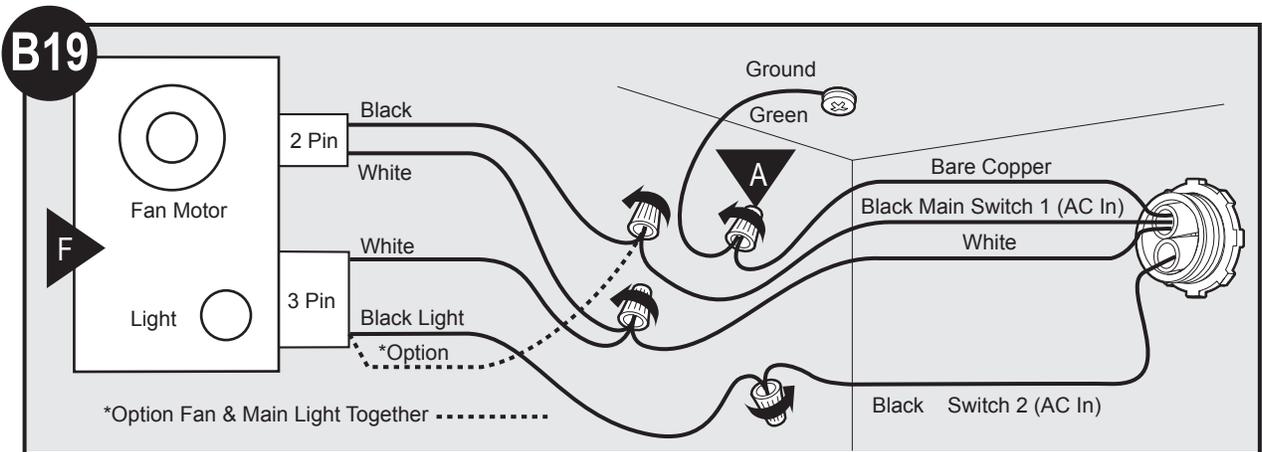
Attach the rails onto the screws.



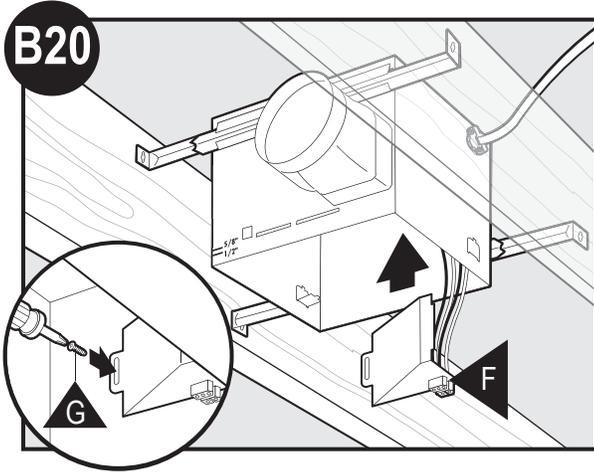
Tighten screws.



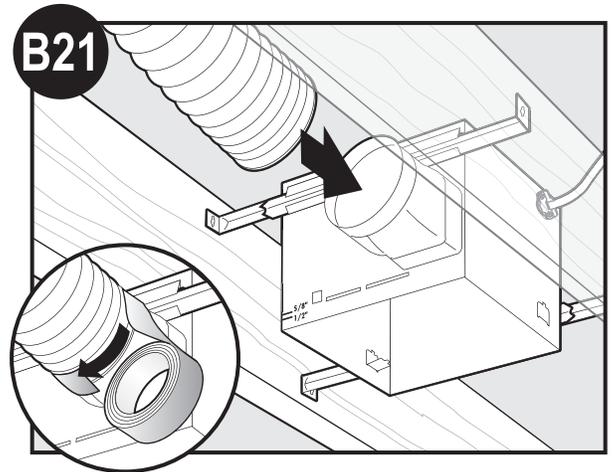
Pull wires through the strain relief.



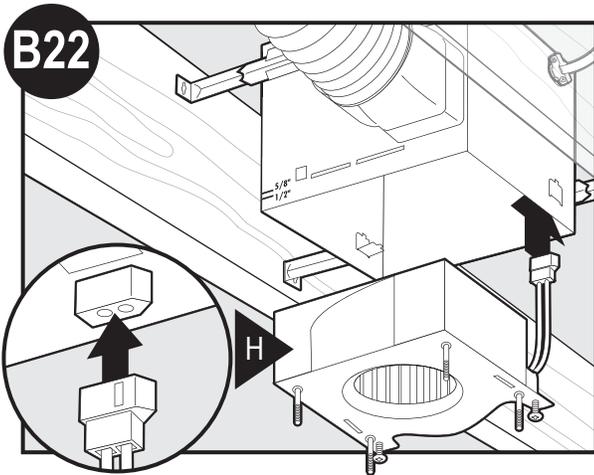
Connect wires as shown.



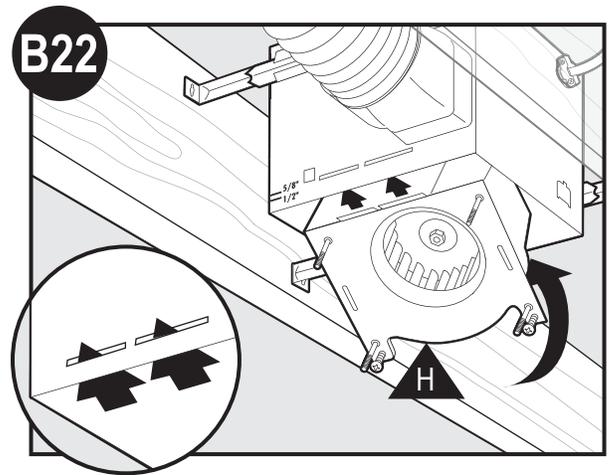
B20 Install the wiring cover plate. Make sure all wiring connections are inside the box or under the wiring cover plate.



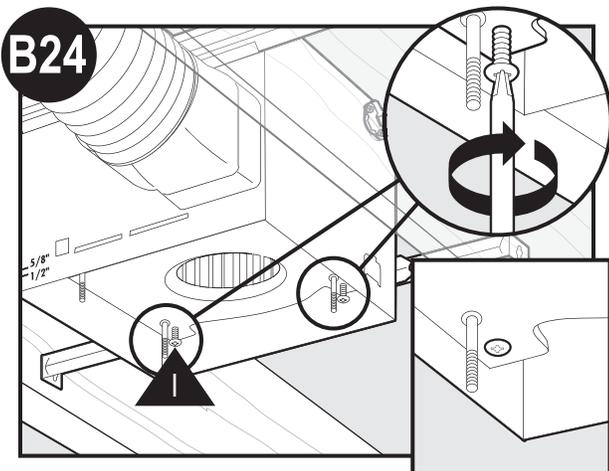
B21 Connect 4" duct and vent to the outside. Tape joints. If ducting does not fit securely, an adapter may need to be purchased.



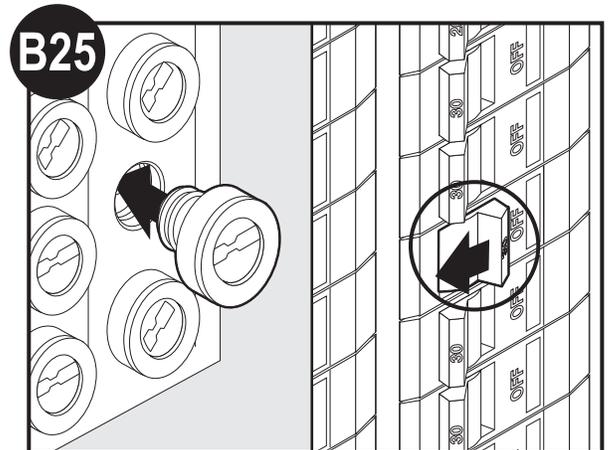
B22 Connect wiring from the motor to the wiring cover plate.



B22 Reinstall the motor by inserting the tabs and pushing up into position. Make sure the wires are not pinched between the motor and the housing.

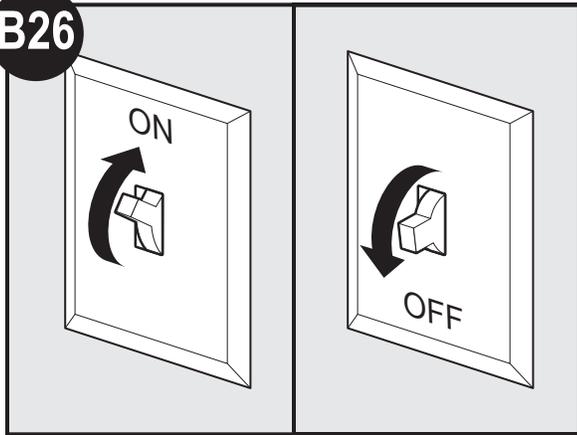


B24 Secure the motor by tightening the 2 screws.



B25 Turn on the power source.

B26



Test the motor. If the motor does not run, check the plug connection.

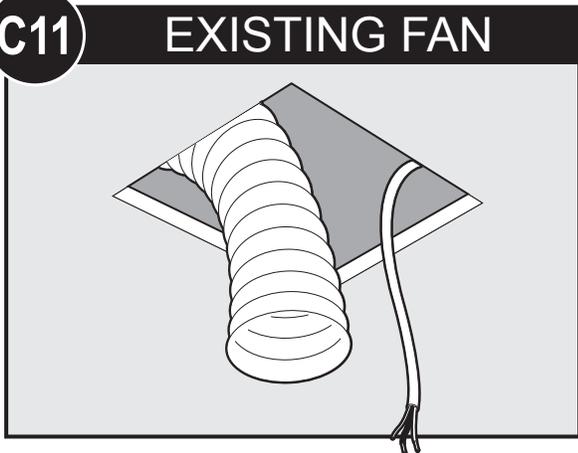
B27

Go to step **E1** on page 18 to attach grille.

Existing Construction – accessible from above

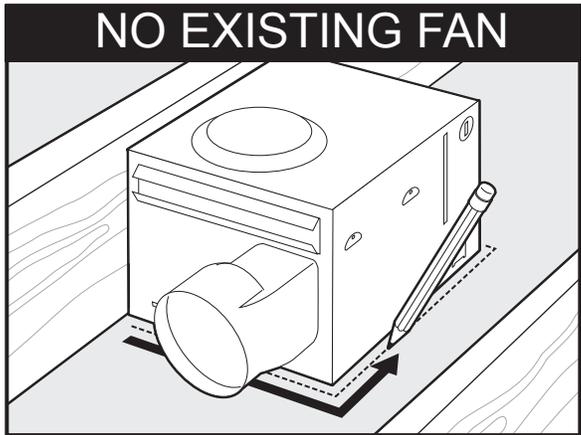
C11

EXISTING FAN



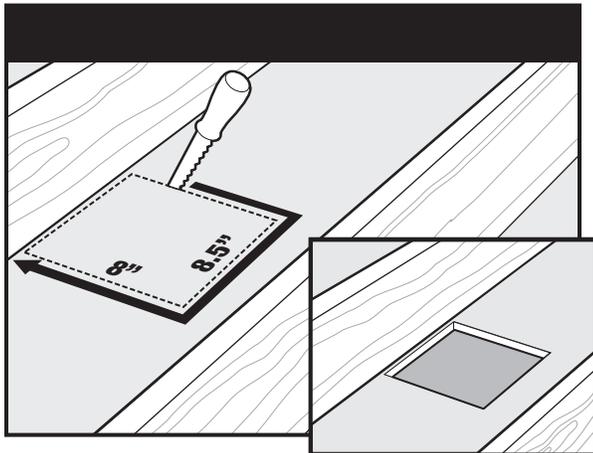
Remove an existing fan and check to make sure the opening is large enough to accommodate the new motor housing (8" x 8.5").

OR

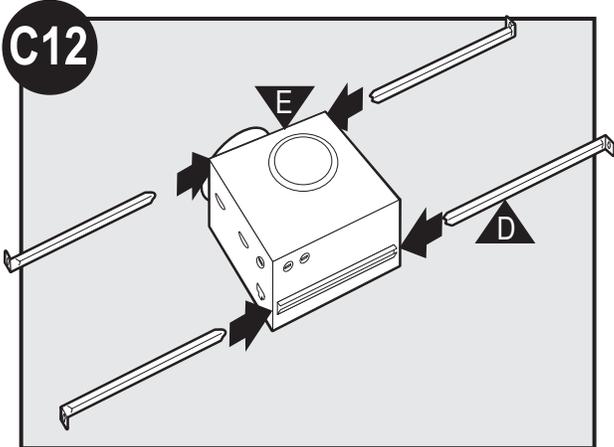


Use the motor housing as a template to mark position.

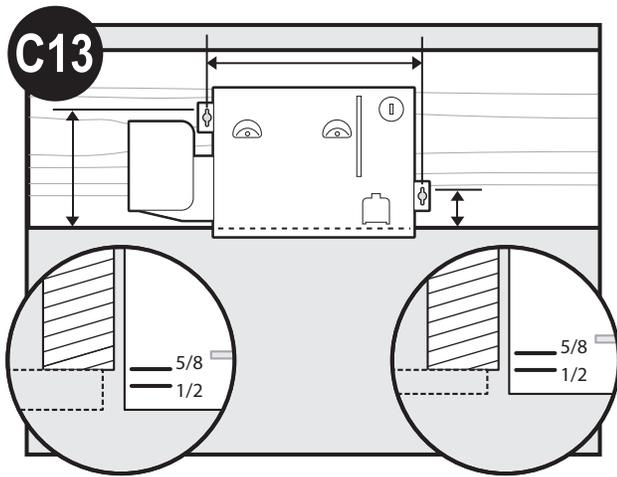
ENGLISH



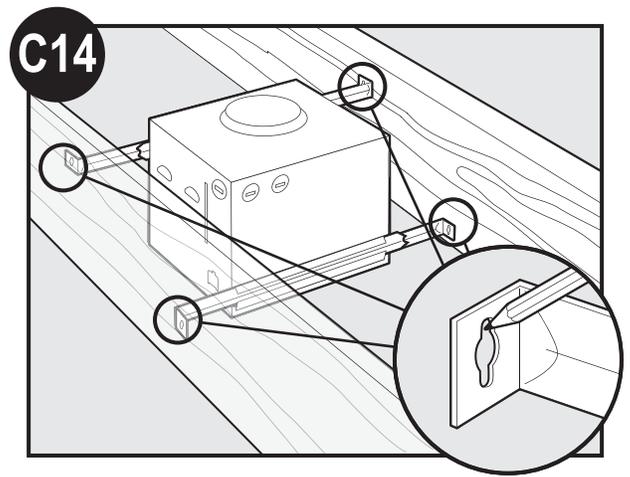
Cut out an opening for the housing.



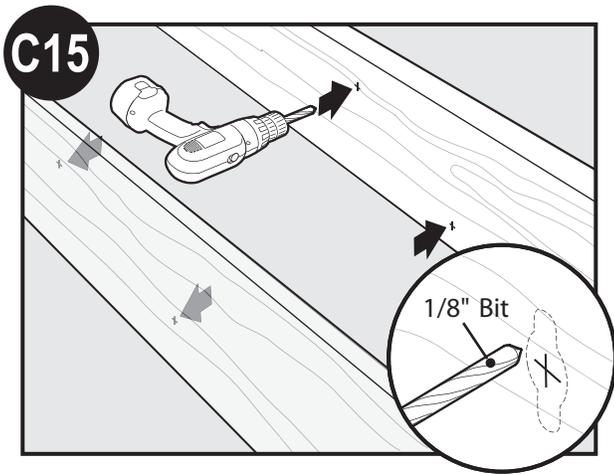
Slide the mounting rails into brackets.



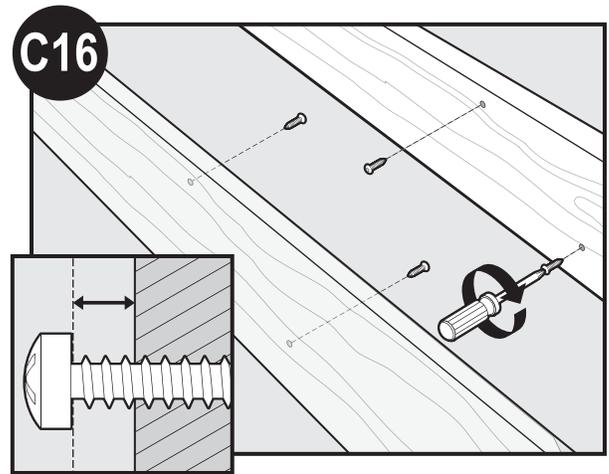
Position the correct depth mark at the bottom edge of the joist based on the thickness of your sheetrock.



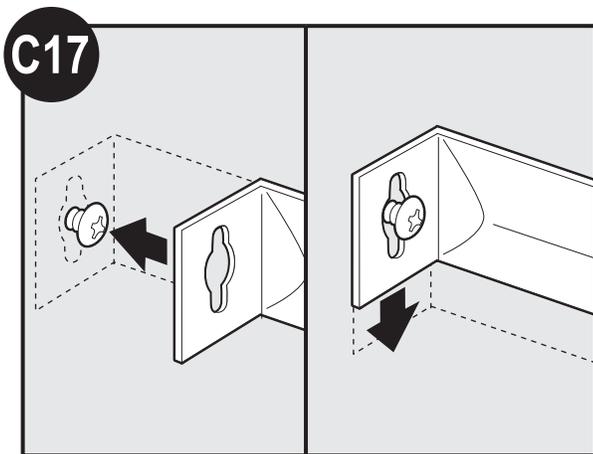
Mark position of screws by using holes as a template.



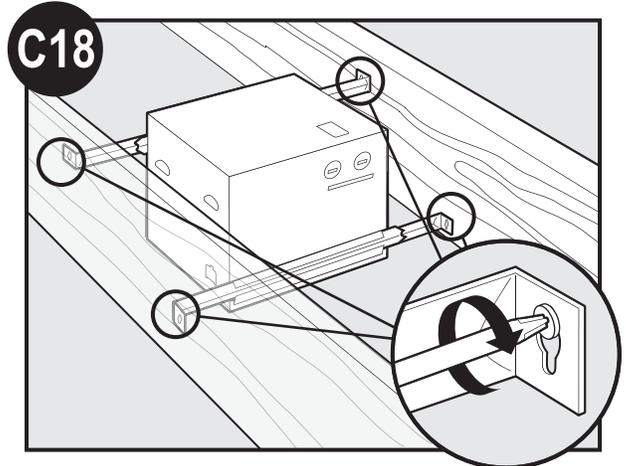
Drill a hole in the center of each outline.



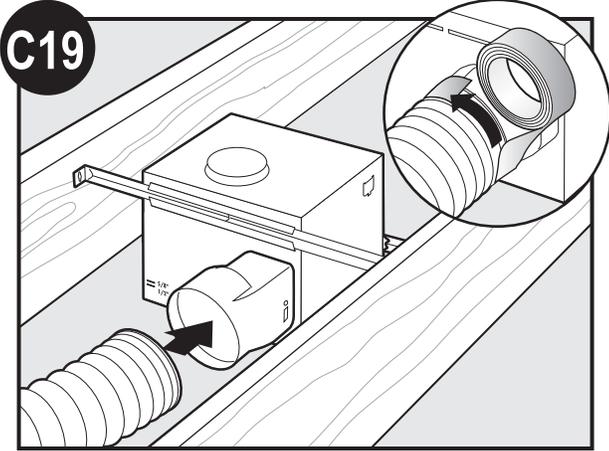
Insert screws, leaving space between the screw head and the joist. Screws are not provided.



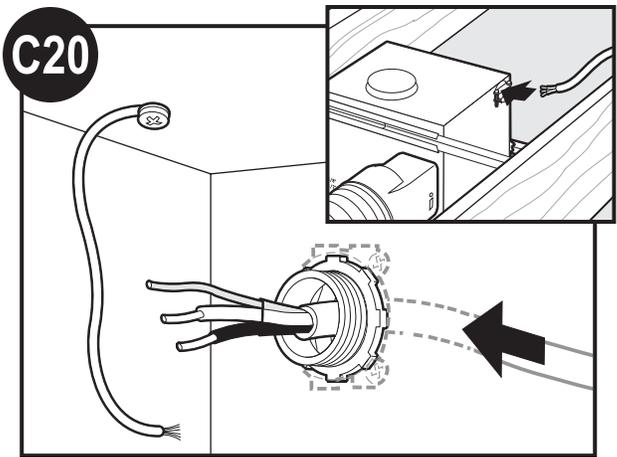
Attach the rails onto the screws.



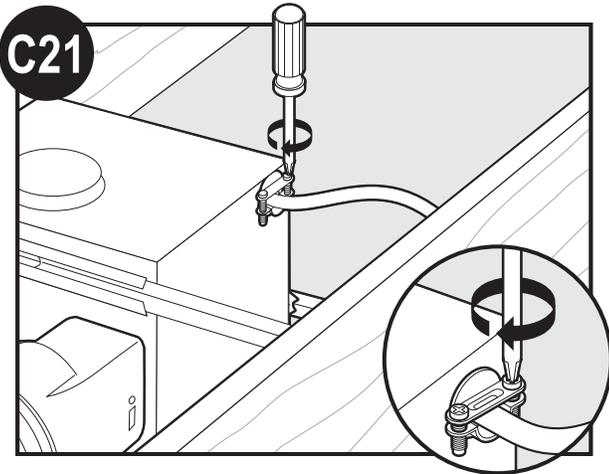
Tighten screws.



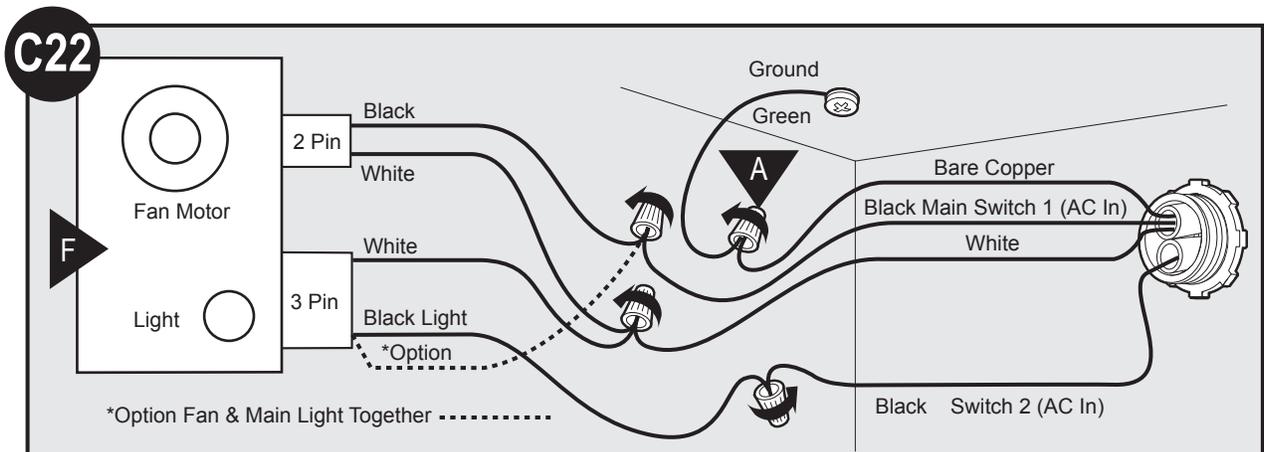
C19 Connect 4" duct and vent to the outside. Tape joints. If ducting does not fit securely, an adapter may need to be purchased.



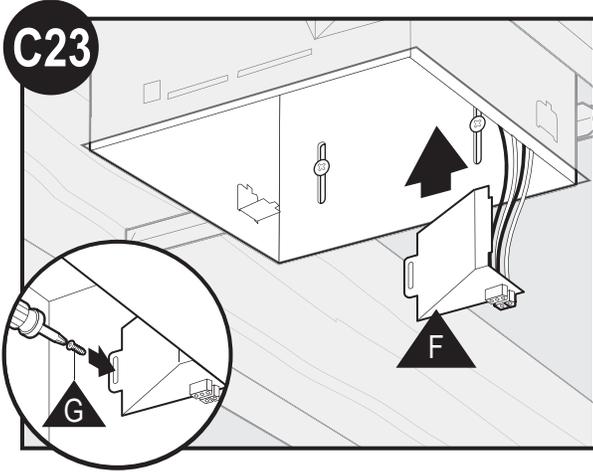
C20 Pull wires through the strain relief.



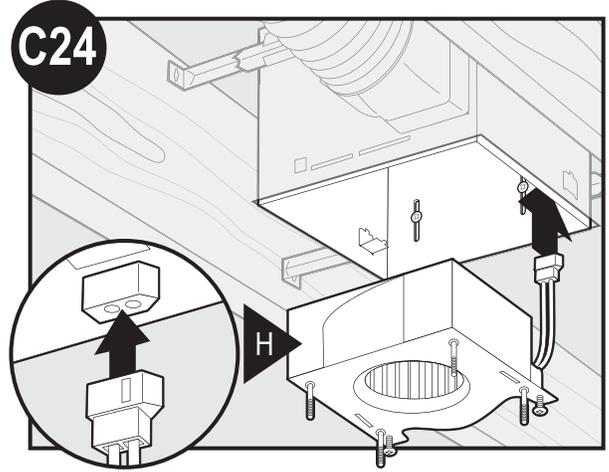
C21 Tighten the strain relief screws.



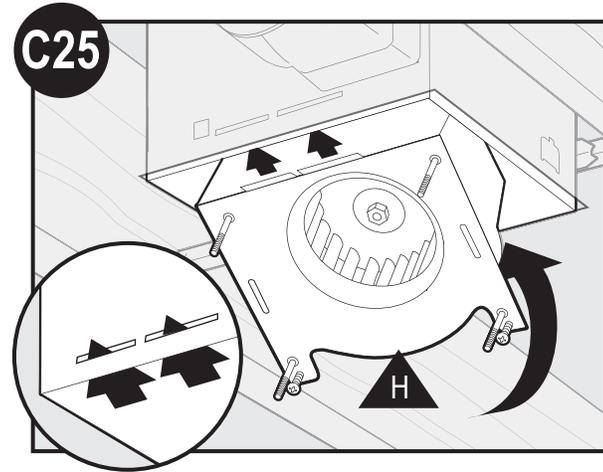
C22 Connect wires as shown.



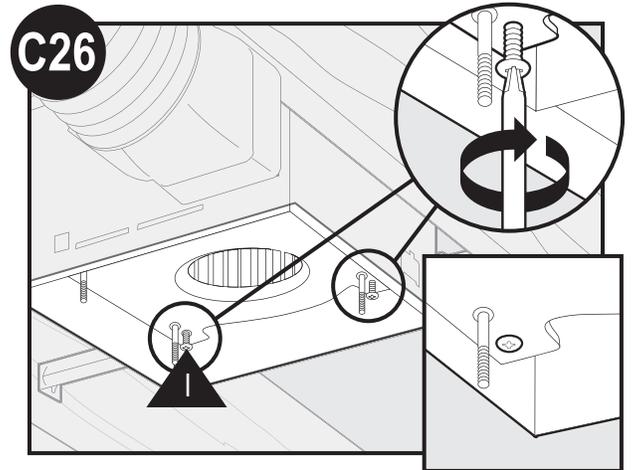
Install the wiring cover plate. Make sure all wiring connections are inside the box or under the wiring cover plate.



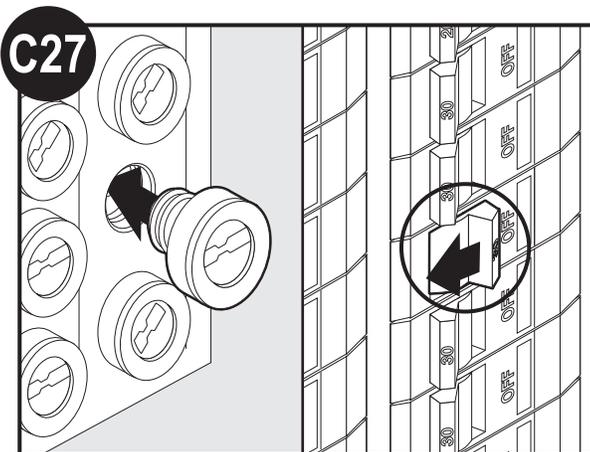
Connect wiring from motor the motor to the wiring cover plate.



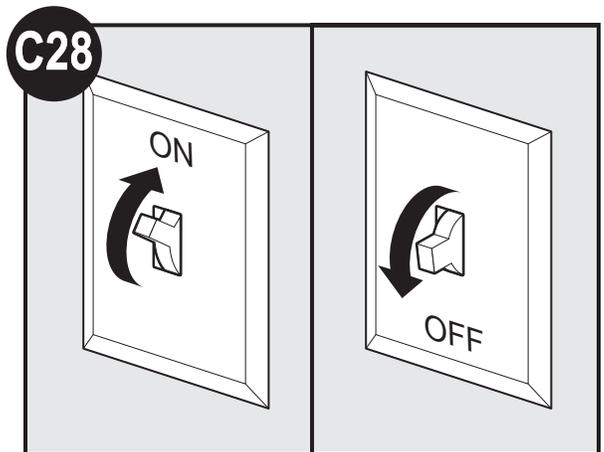
Reinstall the motor by inserting the tabs and pushing up into position. Make sure the wires are not pinched between the motor and the housing.



Secure the motor by tightening the 2 screws.



Turn on the power source.



Test the motor. If the motor does not run, check the plug connection.

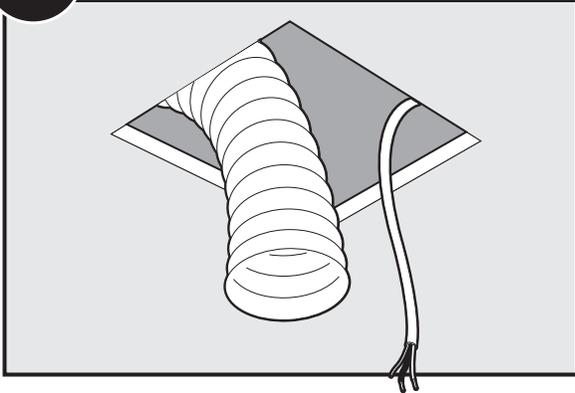
C29

Go to step
E1
on page 18
to attach grille.

Existing Construction – accessible only from below

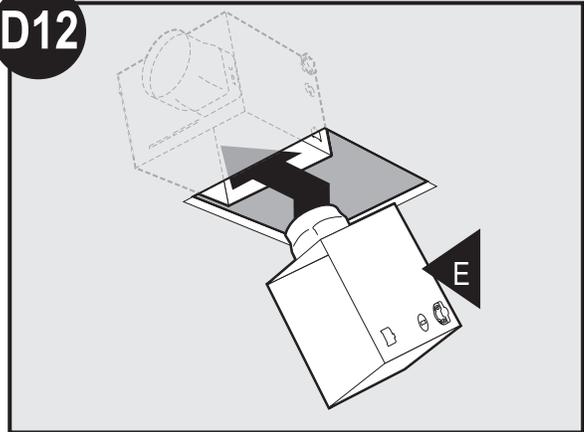
D11

EXISTING FAN



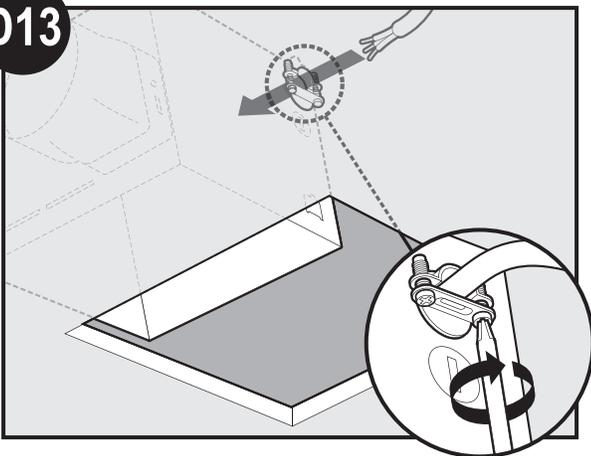
Remove an existing fan and check to make sure the opening is large enough to accommodate the new motor housing (8"x 8.5").

D12



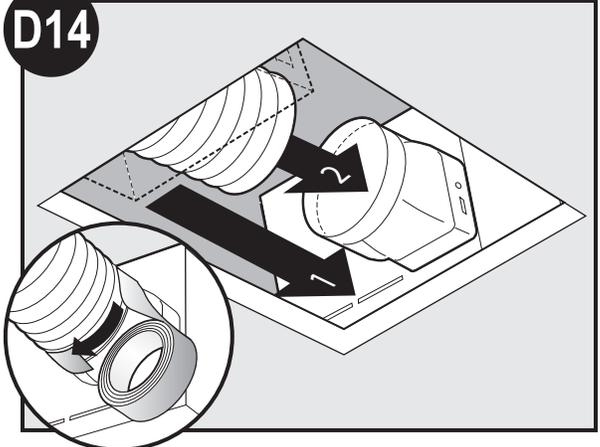
Move the housing into position above the ceiling.

D13



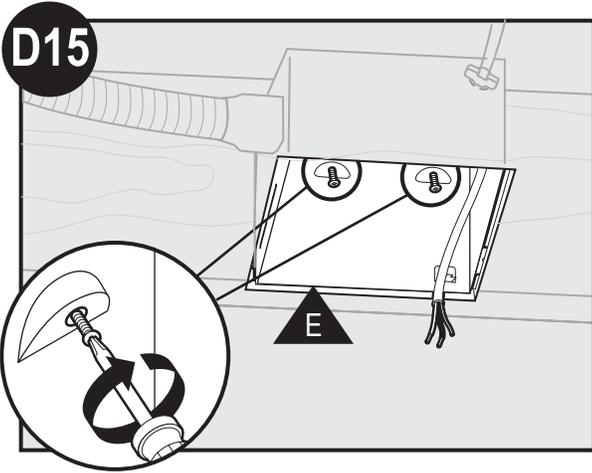
Pull wires through strain relief.

D14

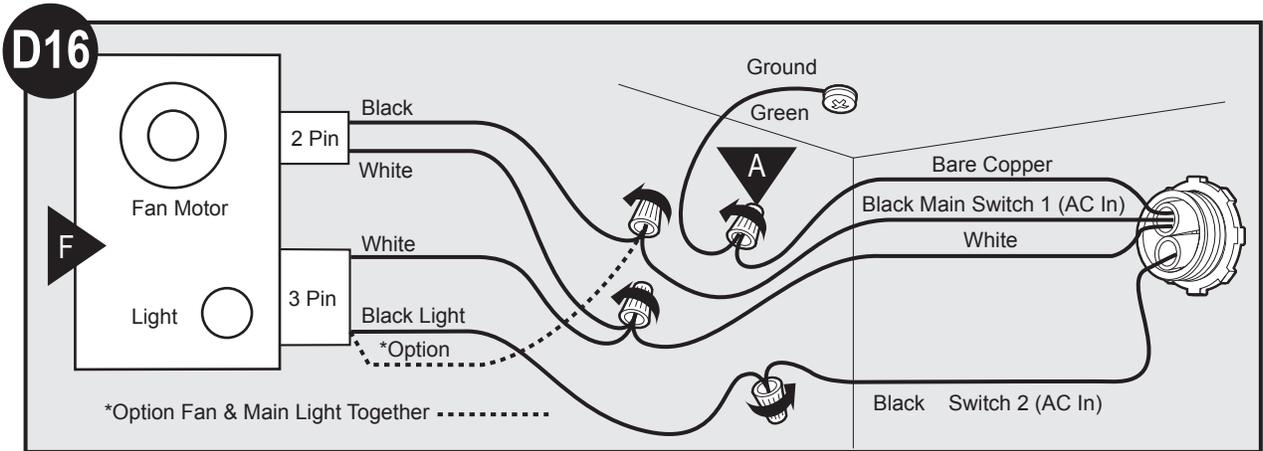


Attach existing ducting to duct connector. Tape joints. If ducting does not fit securely, an adapter may need to be purchased.

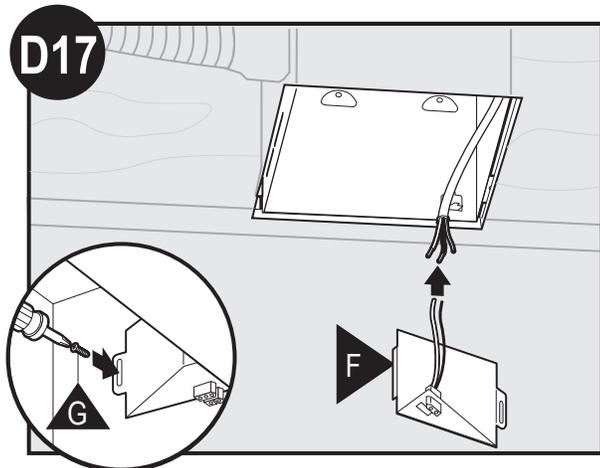
ENGLISH



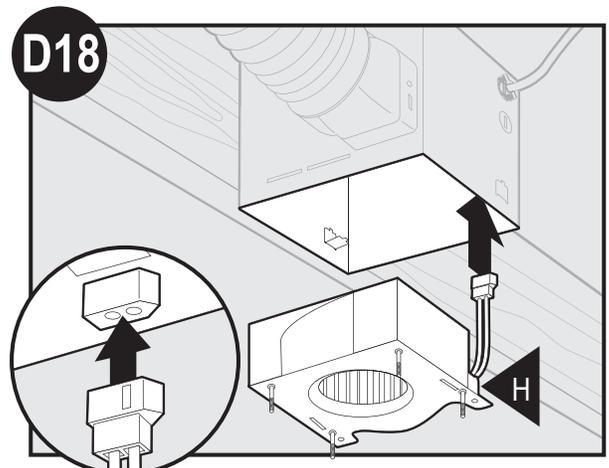
Install the housing flush with the sheetrock and secure by tightening the pre-loaded screws into the joist.



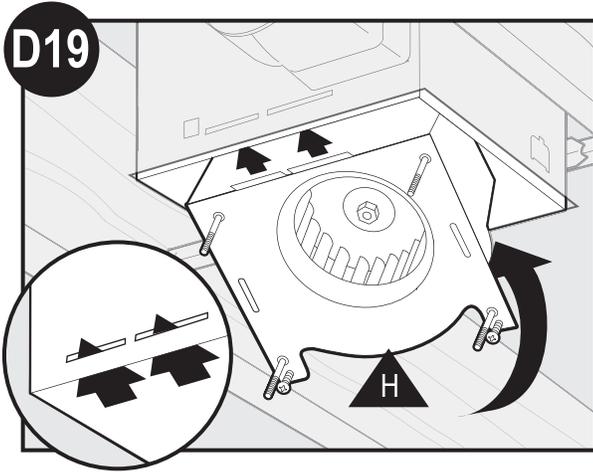
Connect wires as shown.



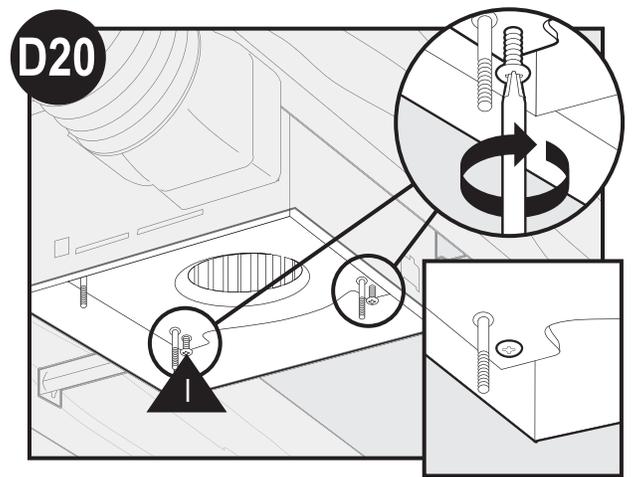
Install the wiring cover plate.



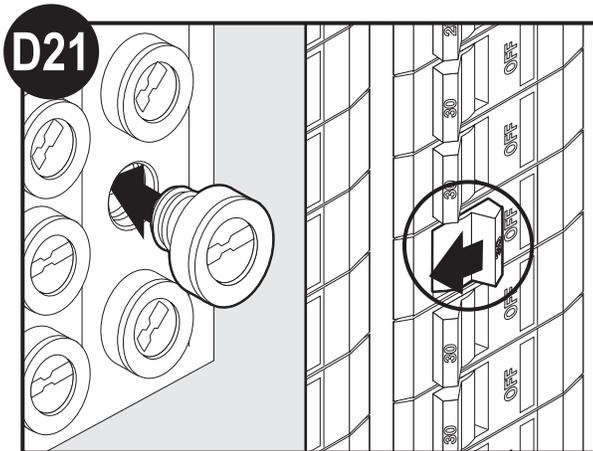
Connect wiring from the motor to the wiring cover plate.



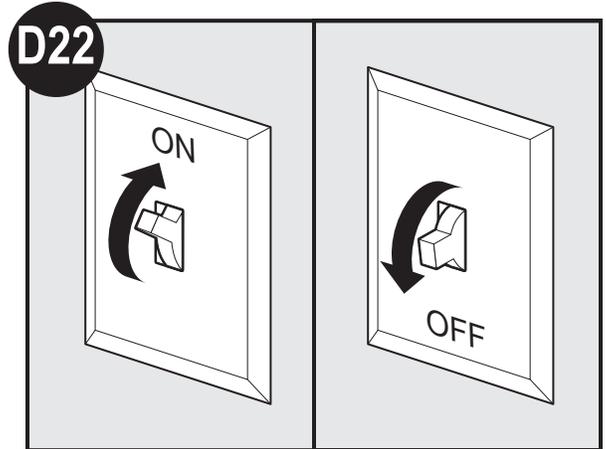
Reinstall the motor by inserting the tabs and pushing up into position. Make sure the wires are not pinched between the motor and the housing.



Secure the motor by tightening the 2 screws.



Turn on the power source.



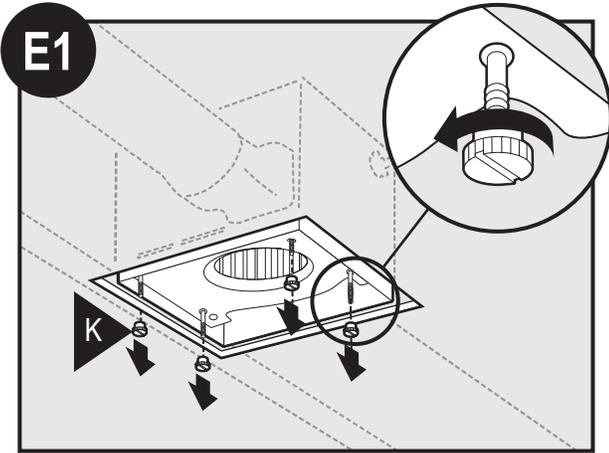
Test the motor. If the motor does not run, check the plug connection.

D23

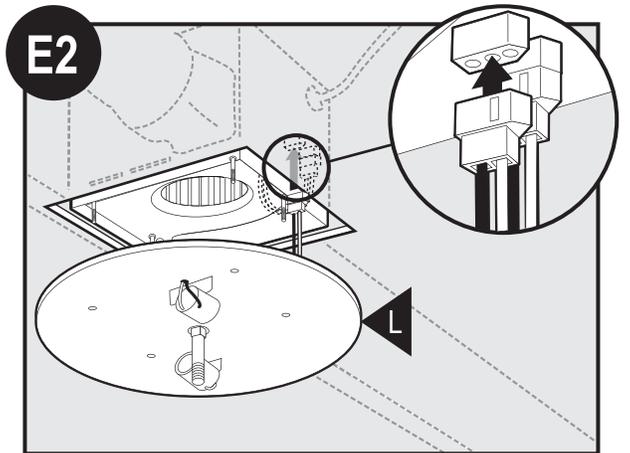
Go to step

E1

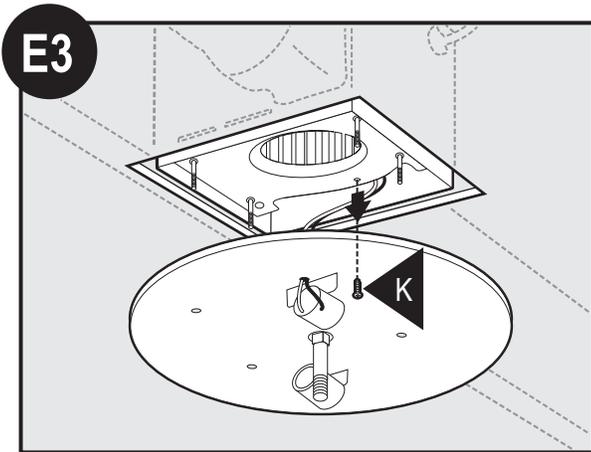
on page 18
to attach grille.



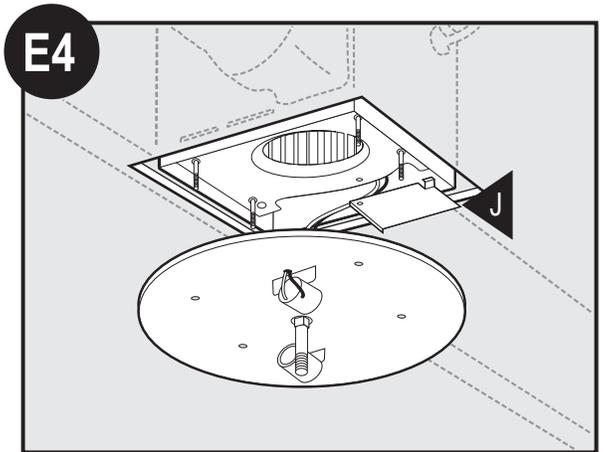
Remove the thumbscrews.



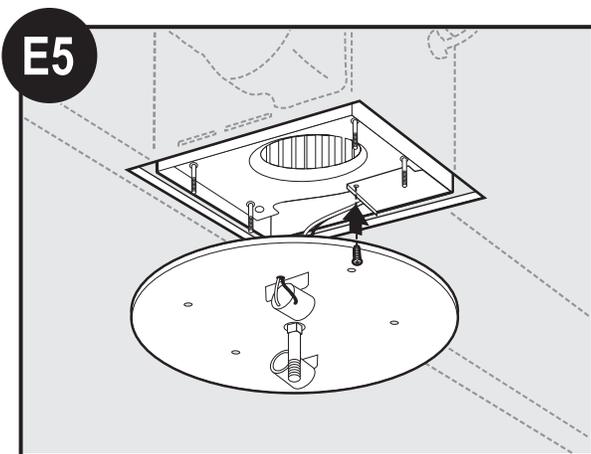
Connect wiring harness.



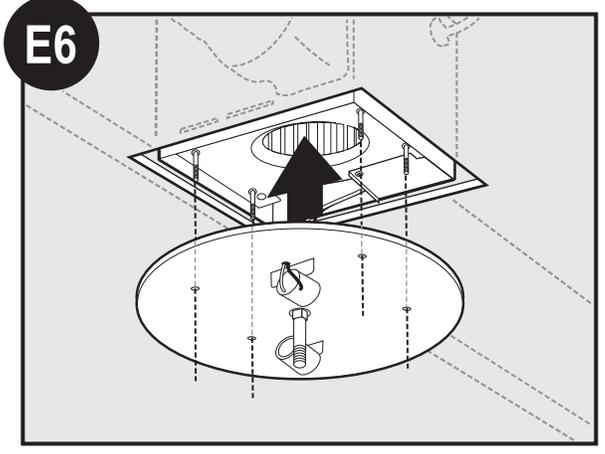
Remove the strain relief bracket screw.



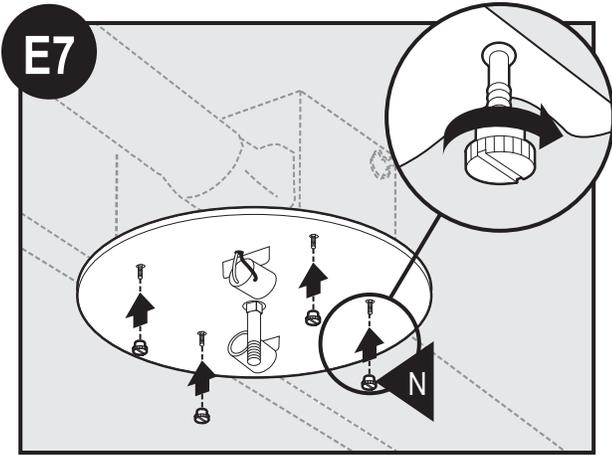
Position the strain relief bracket under the motor as shown.



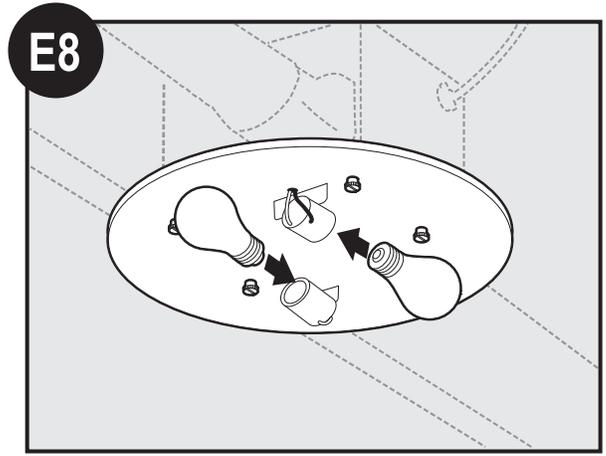
Insert the strain relief bracket's dog-leg tab so that it hooks over the lip of the motor. Reinstall the strain relief bracket screw.



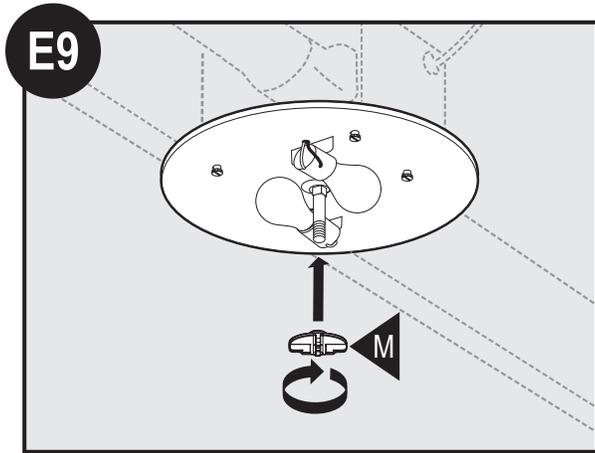
Align posts A, B, C and D (stamped into motor housing) with posts A, B, C and D (stamped into light fixture). Slide light fixture over posts.



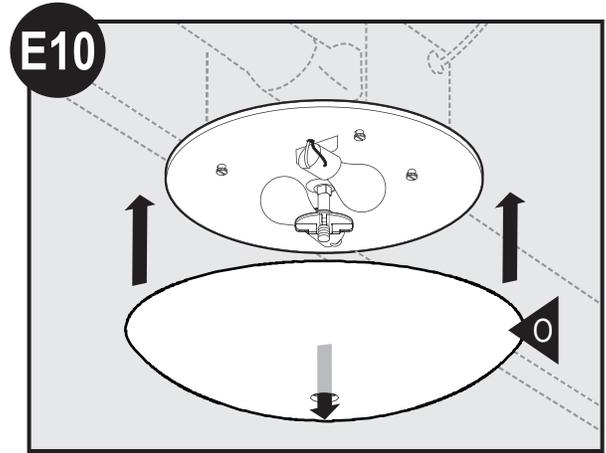
Attach thumbscrews.
WARNING: To reduce the risk of electrical shock,
 all 4 thumbscrews **MUST** be properly installed.



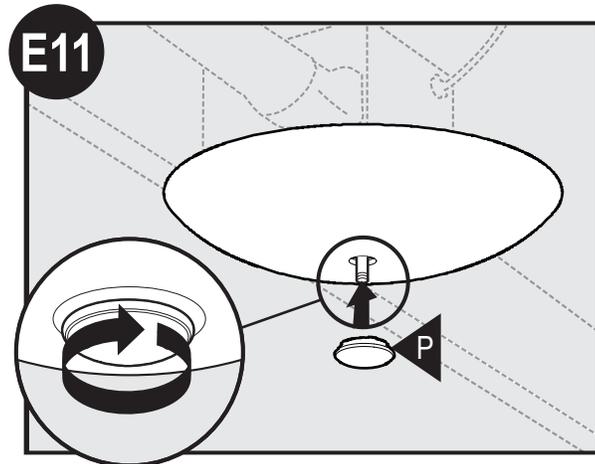
Install 2 Max 60 Watt A15 bulbs (Not Included).



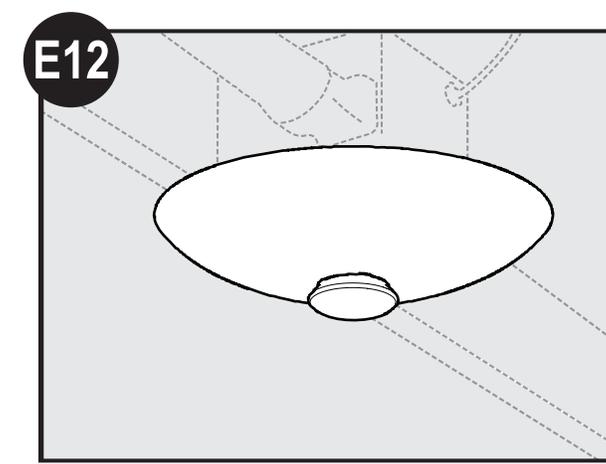
Screw glass stop into position.



Align glass dome and push up.



Screw Finial into position



Complete.

Trouble Shooting

Problem: Fan does not come on.

Solution:

- Hunter Fan Bath Ventilators are extremely quiet. To confirm that the fan is running, place your hand near the vents to feel the air movement.
- Turn power on, replace fuse, or reset breaker.
- Check all plug connections to be sure they are secure.
- Check the wiring to make sure it matches the wiring diagram.

Problem: Light does not come on.

Solution:

- Replace the light bulb with a new bulb.
- Turn power on, replace fuse, or reset breaker.
- Check all plug connections to be sure they are secure.
- Check the wiring to make sure it matches the wiring diagram.

Problem: Fan is noisy.

Solution:

- Check and tighten all fasteners.
- Check the glass to make sure it is secure.
- Check the flapper to make sure it moves freely.

If you need parts or service assistance, please call 888-830-1326 or visit us at our web site at <http://www.hunterfan.com>.

Warranty

Hunter Fan Company
Bath Exhaust Fan
LIMITED WARRANTY

Hunter Fan Company makes the following limited warranty to the original user or consumer purchaser of this Hunter bath exhaust fan:

If any part of your Hunter bath exhaust fan (except for glass fixtures and light bulbs) fails at any time within one year after the date of sale to you due to a defect in material or workmanship, we will repair or, at our option, replace the defective part free of charge for parts and labor performed at our nearest service center or at our Service Department in Memphis, Tennessee. After this one-year period, you will be responsible for all parts and labor costs for repairs on the bath exhaust fan except for motor repairs as provided below.

If your Hunter bath exhaust fan motor fails at any time within five years after the date of sale to you due to a defect in material or workmanship, labor and materials to repair the defect will be provided free of charge at our nearest service center or our Service Department in Memphis, Tennessee. If no replacement part can be provided, we will, at our option, either refund the actual purchase price of your bath exhaust fan or provide a replacement free of charge. After this five-year period, you will be responsible for all parts and labor costs for repairs on all parts of the bath exhaust fan.

IF THE ORIGINAL USER OR CONSUMER PURCHASER CEASES TO OWN THE FAN, THIS WARRANTY AND ANY IMPLIED WARRANTY WHICH THEN REMAINS IN EFFECT, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE VOIDED. NO WARRANTY, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IS MADE IN RESPECT OF GLASS FIXTURES OR LIGHT BULBS OR THE FINISH ON ANY METAL PORTION OF THE BATH EXHAUST FAN.

THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS WARRANTIES. THE DURATION OF ANY IMPLIED WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IN RESPECT TO ANY HUNTER FAN BATH EXHAUST FAN MOTOR OR OTHER FAN PART, IS EXPRESSLY LIMITED TO THE PERIOD OF THE EXPRESS WARRANTY SET FORTH ABOVE FOR SUCH MOTORS OR OTHER PARTS.

This warranty is voided if your Hunter bath exhaust fan is not purchased and installed in the U.S.A. This warranty excludes and does not cover defects, malfunctions or failures of any Hunter bath exhaust fan which were caused by repairs by persons not authorized by us, use of parts or accessories not authorized by us, mishandling, improper installation, modifications or damage to the Hunter bath exhaust fan while in your possession, or unreasonable use, including failure to provide reasonable and necessary maintenance.

To obtain servicing, contact the nearest Hunter authorized service center of the Hunter Fan Company Service Department, 2500 Frisco Avenue, Memphis, Tennessee 38114. Please contact us before shipping your bath exhaust fan to us. If we authorize you to ship it to us, you will be responsible for all insurance and freight or other transportation charges to our factory or service center. We will return your Hunter bath exhaust fan freight prepaid. Your Hunter bath exhaust fan should be properly packed to avoid damage in transit since we will not be responsible for any such damage. Proof of purchase is required when requesting warranty service. The purchaser must present the sales receipt or other document that establishes proof of purchase.

IN NO EVENT SHALL HUNTER FAN COMPANY BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES SO THE ABOVE LIMITATION OR EXCLUSIONS MAY NOT APPLY TO YOU.

THE WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

