



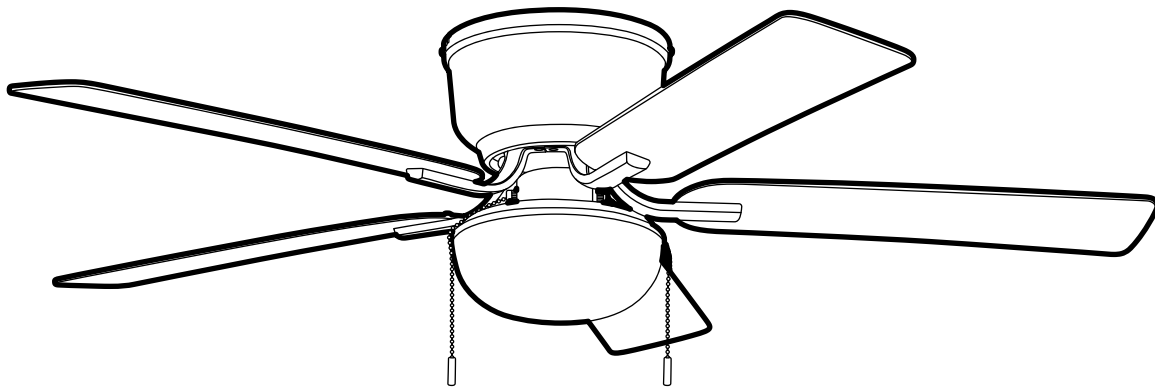
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ITEM #9053189/9053190/
9640283/9640284
MODELO #CCN52MBK5L/CCN52BNK5L/
CCN52MBZL5L/CCN52MWL5L

ARMITAGE II CEILING FAN

Español p. 20

ATTACH YOUR RECEIPT HERE



Purchase Date _____

Thank you for purchasing this HARBOR BREEZE product.
Questions, problems or missing parts?
Before returning, contact us on: **888-251-1003**, 8 a.m. - 8 p.m., EST,
Monday - Sunday.

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SAFETY INFORMATION

CAUTION: Changes or modifications not approved by the party responsible for compliance could void the user's authority to operate the equipment.

***NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- * Reorient or relocate the receiving antenna.
- * Increase the separation between the equipment and receiver.
- * Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Distributed by: Litex Industries Inc., P.O. Box 535639, Grand Prairie, TX, 75053 1-800-527-1292

The device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, (2) this device must accept any interference received, including interference that may cause undesired operation.



SAFETY INFORMATION

READ AND SAVE THESE INSTRUCTIONS

Please read and understand this entire manual before attempting to assemble, install or operate the product. Review the accompanying assembly diagrams.

- Do not discard fan carton or inserts. Should this fan need to be returned to the factory for repairs, it must be shipped in its original packaging to ensure proper protection against damage that might exceed the initial cause for return.
- Make sure all electrical connections comply with local codes, ordinances, the National Electrical Code and ANSI/NFPA 70-1999. Hire a qualified electrician or consult a do-it-yourself wiring handbook if you are unfamiliar with installing electrical wiring.
- Make sure the installation site you choose allows a minimum clearance of 7 ft. from the blades to the floor and at least 30 in. from the end of the blades to any obstruction.
- After you install the fan, make sure all connections are secure to prevent the fan from falling.
- The net weight of this fan including the light kit is: 13.23 lbs.

DANGER

Before installation, be sure to shut off electricity at main switch or circuit breaker in order to avoid electrical shock.

When using an existing outlet box, make sure the outlet box is securely attached to the building structure and can support the full weight of the fan. Failure to do this can result in serious injury or death. The stability of the outlet box is essential in minimizing wobble and noise in the fan after installation is complete.

To reduce the risk of serious bodily injury, DO NOT use power tools to assemble any part of the fan, including the blades.

WARNING



To reduce the risk of fire, electrical shock or personal injury, mount fan to outlet box marked "ACCEPTABLE FOR FAN SUPPORT OF 35 LBS. (15.9 KG) OR LESS" and use mounting screws provided with the outlet box. Most outlet boxes commonly used for the support of lighting fixtures are not acceptable for fan support and may need to be replaced. Consult a qualified electrician if in doubt.

When mounting fan to a ceiling outlet box, use a METAL octagonal outlet box; do NOT use a plastic outlet box. Secure the outlet box directly to the building structure. The outlet box and its support must be able to support the moving weight of the fan (at least 35 lbs.).

To avoid personal injury, the use of gloves may be necessary while handling fan parts with sharp edges.

To reduce the risk of fire, electrical shock or personal injury, lever wire connectors provided with this fan are designed to accept only one 12-gauge house wire and one lead wire from the fan. If your house wire is larger than 12-gauge or there is more than one house wire to connect to the corresponding fan lead wires, consult an electrician for the proper size lever wire connectors to use.

WARNING

To reduce the risk of fire or electrical shock, do not use the fan with any solid state speed control device or control fan speed with a full range dimmer switch.

To reduce the risk of fire, electrical shock or personal injury, do not bend the blade arms when installing them, balancing the blades or cleaning the fan. Do not insert objects between the rotating fan blades.

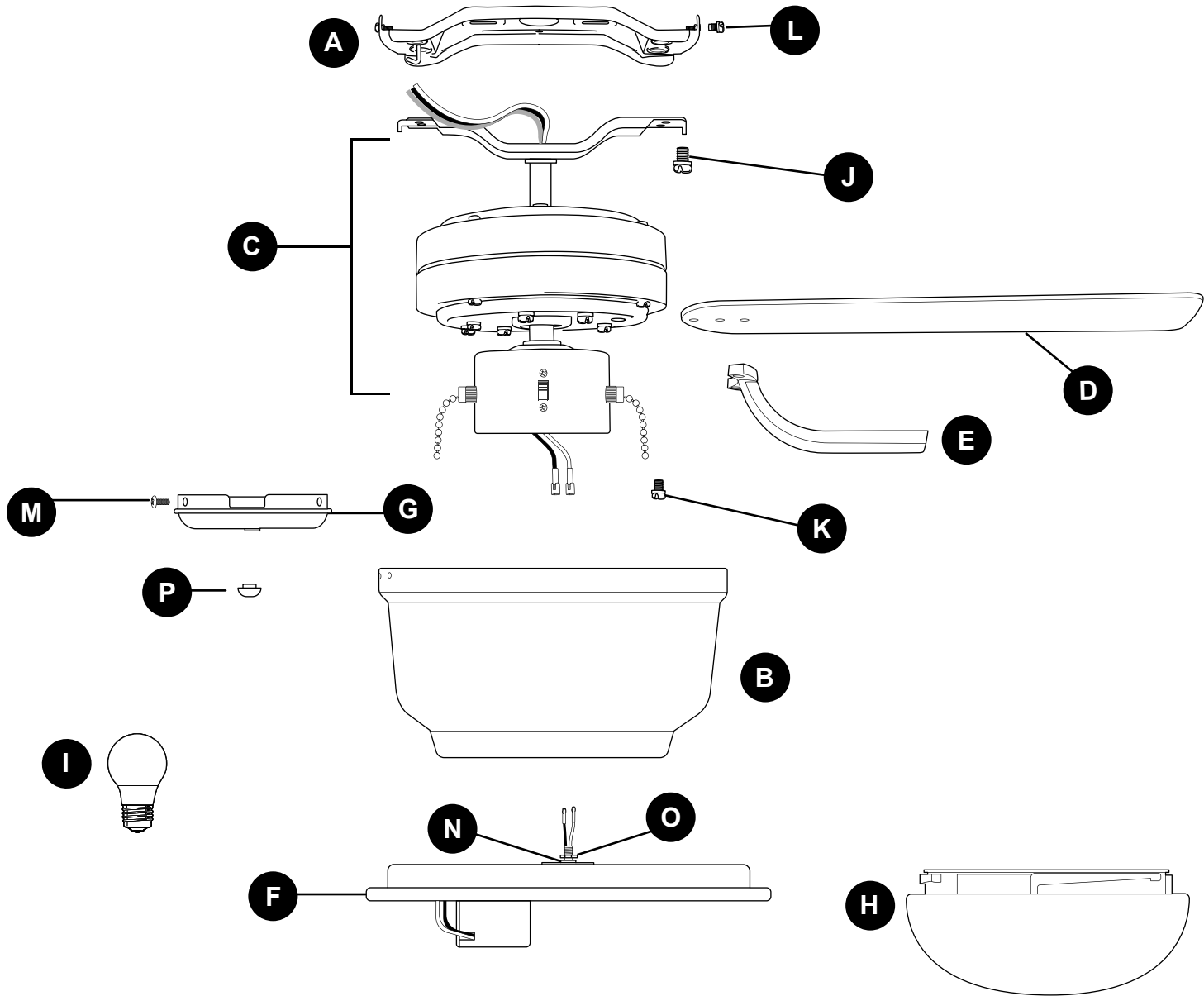
To reduce the risk of personal injury, use **ONLY** parts provided with this fan. The use of parts **OTHER** than those provided with this fan will void the warranty.

CAUTION

Be sure outlet box is properly grounded and that a ground wire (green or bare) is present.

Once installation is complete, carefully check all screws, bolts and nuts on fan motor assembly to ensure that they are secured.

PACKAGE CONTENTS



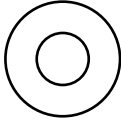
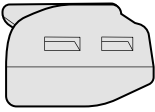
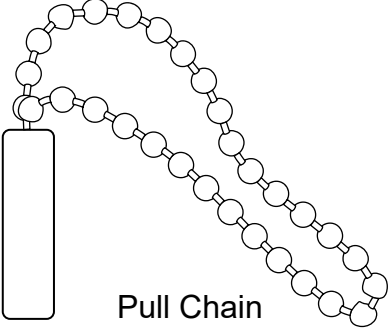
PART	DESCRIPTION	QUANTITY
A	Mounting Bracket	1
B	Motor Housing	1
C	Motor Assembly	1
D	Blade	5
E	Blade Arm	1
F	Light Kit Fitter	5
G	Switch Housing Cap	1
H	Shade	1
I	Bulb	1
J	Mounting Bracket Screw/ Lock Washer (preassembled)	4

PART	DESCRIPTION	QUANTITY
K	Motor Screw/Lock Washer (preassembled)	10 + 1 extra
L	Motor Housing Screw (preassembled)	4
M	Switch Housing Screw (preassembled)	3
N	Lock Washer (preassembled)	1
O	Hex Nut (preassembled)	1
P	Center Cap (preassembled)	1

⚠ IMPORTANT REMINDER: You must use the parts provided with this fan for proper installation and safety.



HARDWARE CONTENTS (shown actual size)

AA	BB	CC	DD
			
Blade Screw	Fiber Blade Washer	Lever Wire Connector	Pull Chain Extension
Qty. 15 + 1 extra	Qty. 15 + 1 extra	Qty. 4	Qty. 2

PREPARATION

Before beginning assembly of product, make sure all parts are present. Place motor on carpet or on foam to avoid damage to finish. Compare parts with package contents list and hardware contents list. If any part is missing or damaged, do not attempt to install the product.

Estimated Assembly Time: 120 minutes

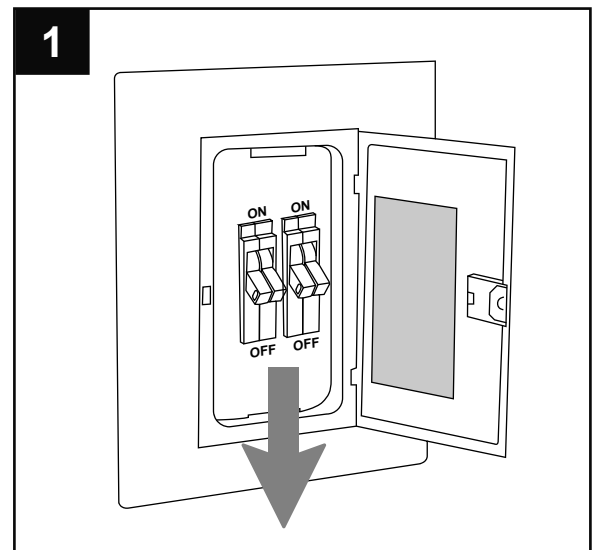
Tools Required for Assembly (not included): Electrical Tape, Phillips Screwdriver, Pliers, Safety Glasses, Stepladder and Wire Strippers

Helpful Tools (not included): AC Tester Light, Tape Measure, Do-It-Yourself Wiring Handbook and Wire Cutters

INITIAL INSTALLATION

1. Turn off circuit breakers and wall switch to the fan supply line leads.

⚠ DANGER: Failure to disconnect power supply prior to installation may result in serious injury or death.

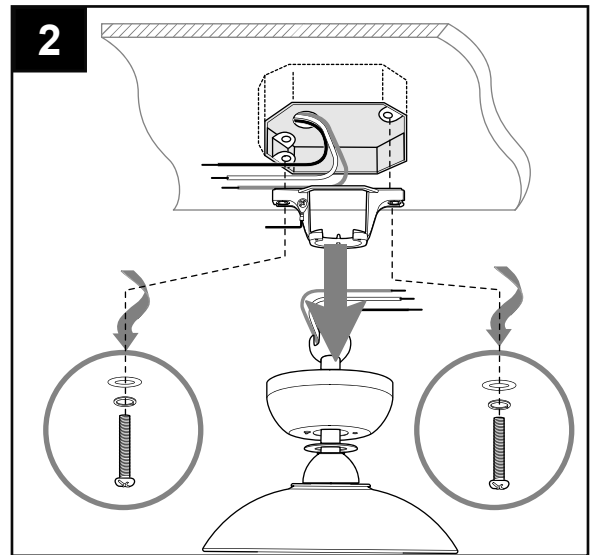


INITIAL INSTALLATION

2. If applicable, remove existing fan and fan parts, including the mounting bracket, from outlet box and disconnect all electrical wiring.

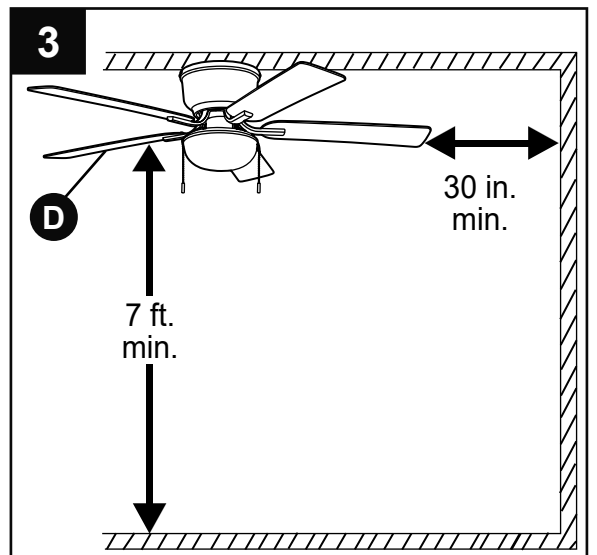
⚠ WARNING: To reduce the risk of personal injury, use **ONLY** parts provided with your new fan. The use of parts **OTHER** than those provided with this fan will void the warranty.

Set aside screws, spring washers and flat washers provided with the outlet box for fan installation.



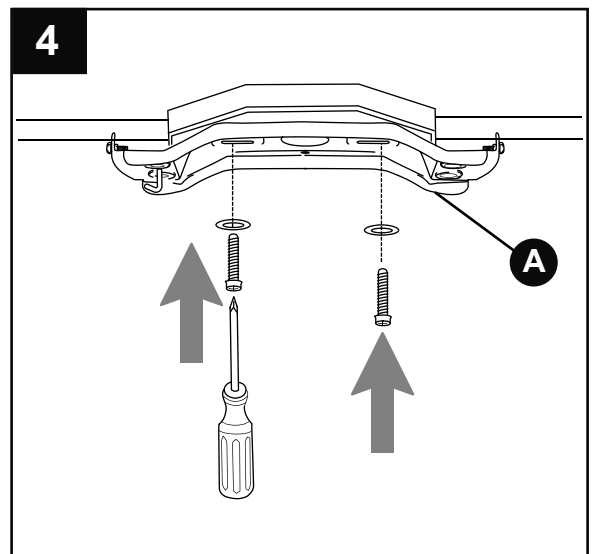
3. This fan can be mounted as a **flushmount** on a regular (no-slope) ceiling only.

Check to make sure blades (D) will be at least 30 inches from any obstruction and at least 7 ft. above the floor.



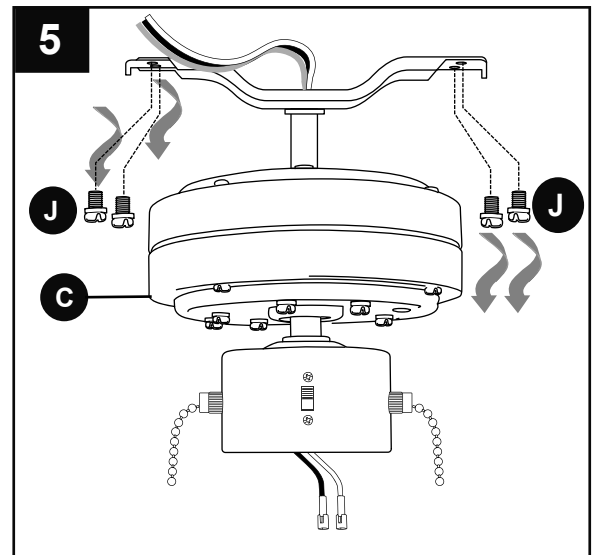
4. Secure mounting bracket (A) to outlet box using screws, spring washers, and flat washers provided with the outlet box.

***NOTE:** It is very important that you use the proper hardware when installing the mounting bracket (A) as this will support the fan.

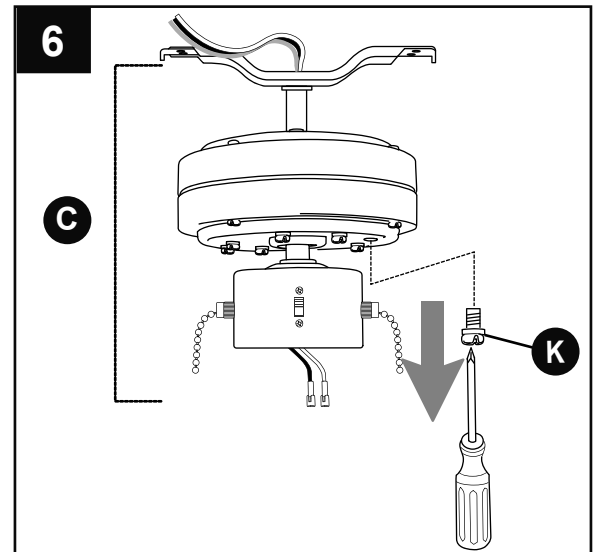


INITIAL INSTALLATION

5. Remove all mounting bracket screws/lock washers (J) from bar on top of motor assembly (C). Save mounting bracket screws/lock washers (J) to attach motor assembly (C) later on.

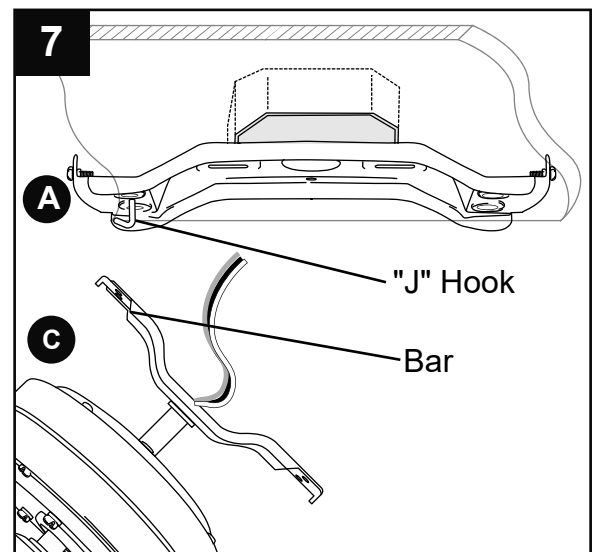


6. Remove motor screws/lock washers (K) from underside of motor assembly (C) -- save motor screws/lock washers (K) to attach blade arms (E) later on. If there are also plastic motor blocks, discard them at this time.



7. Slide the slot in the bar at the top of the motor assembly (C) onto the "J" hook on the mounting bracket (A) to support the fan during wiring.

IMPORTANT: Do *not* use screw holes at the ends of the bar on the motor assembly (C) on the "J" hook on the mounting bracket (A).



WIRING

⚠ WARNING: To reduce the risk of fire, electrical shock or personal injury, lever wire connectors provided with this fan are designed to accept only one 12-gauge house wire and one lead wire from the fan. If your house wire is larger than 12-gauge or there is more than one house wire to connect to the corresponding fan lead wires, consult an electrician for the proper size lever wire connectors to use.

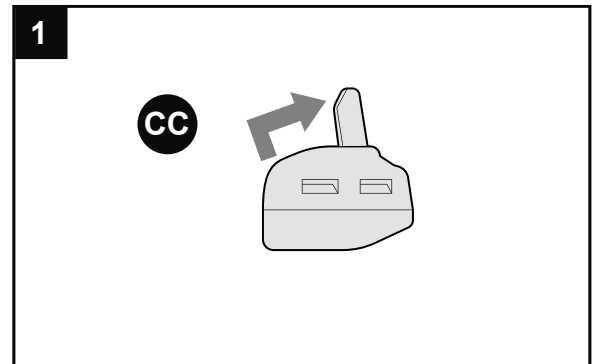
⚠ CAUTION: Be sure outlet box is properly grounded and that a ground (GREEN or BARE) wire is present.

⚠ WARNING: If house wires are different colors than referred to in the following steps, stop immediately. A professional electrician is recommended to determine wiring.

⚠ WARNING: Using a full range dimmer switch (not included) to control fan speed will cause a loud humming noise from fan. To reduce the risk of fire or electrical shock, do NOT use a full range dimmer switch to control fan speed.

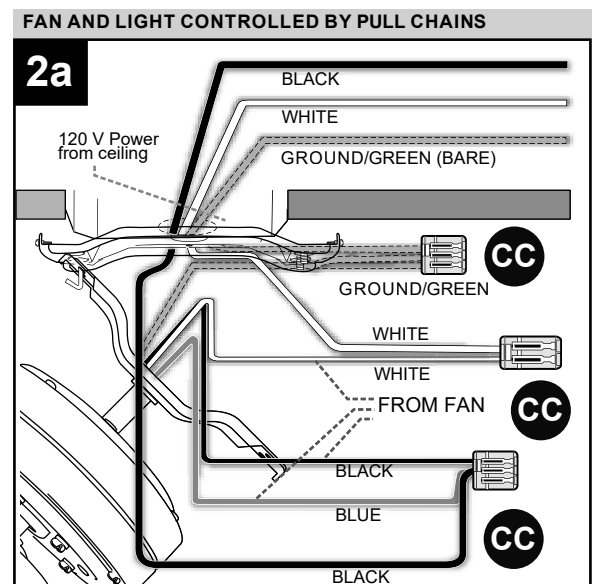
1. **IMPORTANT:** Each wire connection is made by firmly raising the levers on each lever wire connector (CC), as shown. Then, ONE wire is inserted into each opening.

⚠ WARNING: In order for wire connections to be secure, all levers on the lever wire connectors (AA) must be completely returned to their original position. GENTLY pull on wires in each lever wire connector (CC) to confirm the lock is engaged and that wires are secure.

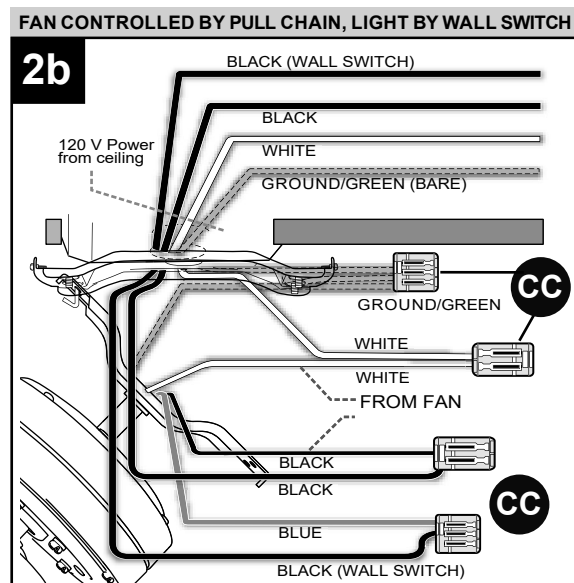


2. Choose wiring diagram (Fig. 2a, Fig. 2b or Fig. 2c) that fits your situation and make appropriate wiring connections as follows:

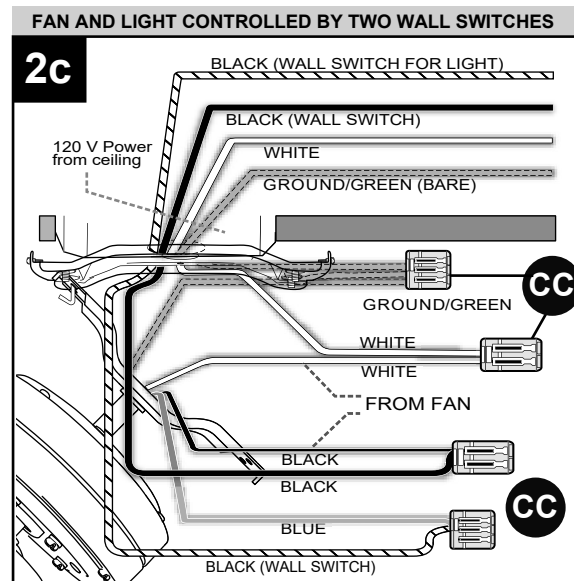
- 2a. **FAN AND LIGHT CONTROLLED BY PULL CHAINS:** Insert each GROUND (GREEN) wire from fan (on motor assembly (C) and mounting bracket (A)) and BARE/GREEN wire from ceiling to lever wire connector (CC) with three levers. Insert BLACK and BLUE wires from fan and BLACK wire from ceiling to lever wire connector (CC) with three levers. Insert WHITE wire from fan and WHITE wire from ceiling to lever wire connector (CC) with two levers. (Fig. 2a)



2b. FAN CONTROLLED BY PULL CHAIN, LIGHT BY WALL SWITCH: If you intend to control the fan light with a separate wall switch, insert each GROUND (GREEN) wires from fan (on motor assembly (C) and mounting bracket (A)) BARE/ GREEN wire from ceiling to lever wire connector (CC) with three levers. Insert BLACK wire from fan and BLACK wire from ceiling to lever wire connector (CC) with two levers. Insert BLUE wire from fan and BLACK wire from the independent wall switch for the light to lever wire connector (CC) with three levers. Insert WHITE wire from fan and WHITE wire from ceiling to lever wire connector (CC) with two levers. (Fig. 2b)



2c. FAN AND LIGHT CONTROLLED BY TWO WALL SWITCHES: If you intend to control the fan and light with separate wall switches, insert each GROUND (GREEN) wires from fan (on motor assembly (C) and mounting bracket (A)) and BARE/ GREEN wire from ceiling to lever wire connector (CC) with three levers. Insert BLACK wire from fan and BLACK wire from the independent wall switch for the fan to lever wire connector (CC) with two levers. Insert BLUE wire from fan and the BLACK wire from the other independent wall switch for the light to lever wire connector (CC) with three levers. Insert WHITE wire from fan and WHITE wire from ceiling to lever wire connector (CC) with two levers. (Fig. 2c)



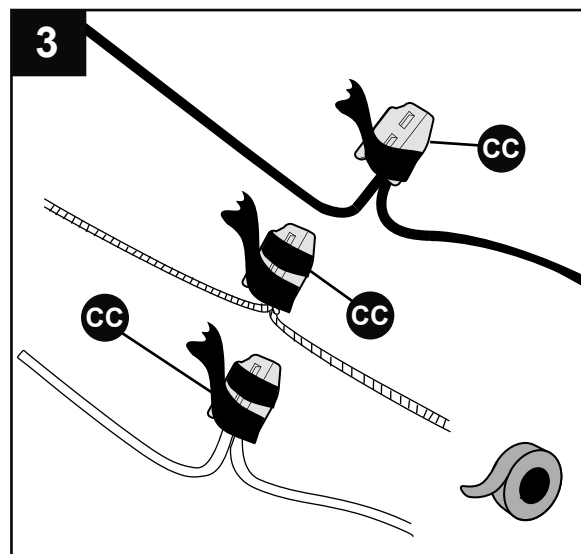
NOTE: BLACK wire is hot power for fan. BLUE wire is hot power for light. WHITE wire is common for fan and light. BARE/GREEN wire is ground.

WIRING

3. Wrap electrical tape (not included) around each individual lever wire connector (CC) down to the wire.

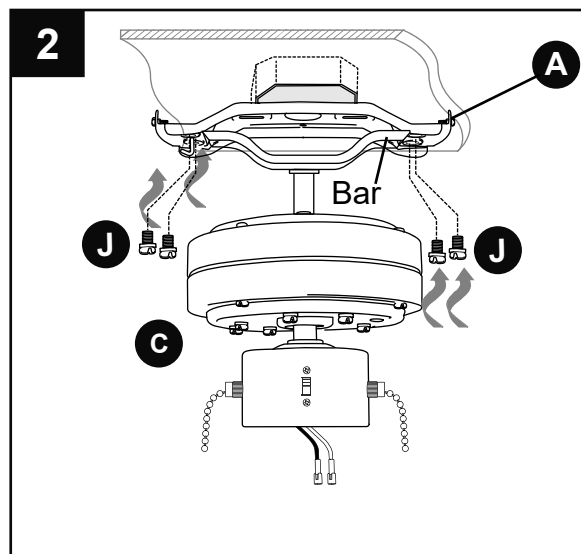
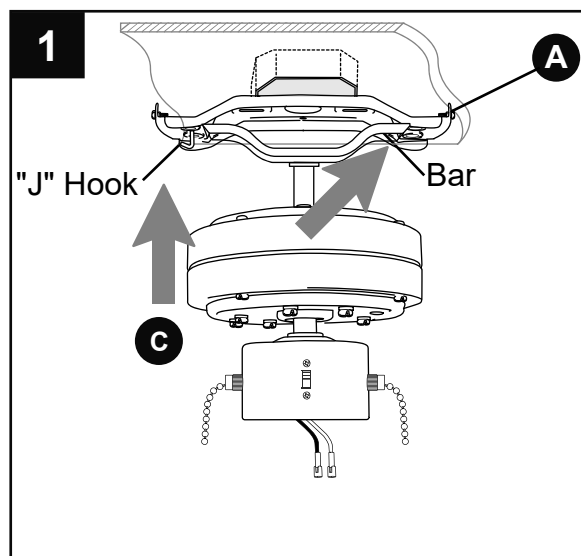
⚠ WARNING: Make sure no bare wire or wire strands are visible after making connections. Place GREEN and WHITE connections on opposite side of the outlet box from the BLACK and BLUE (if applicable) connections.

⚠ WARNING: GENTLY pull on wires in each lever wire connector (CC) to confirm the lock is engaged and that wires are secure.



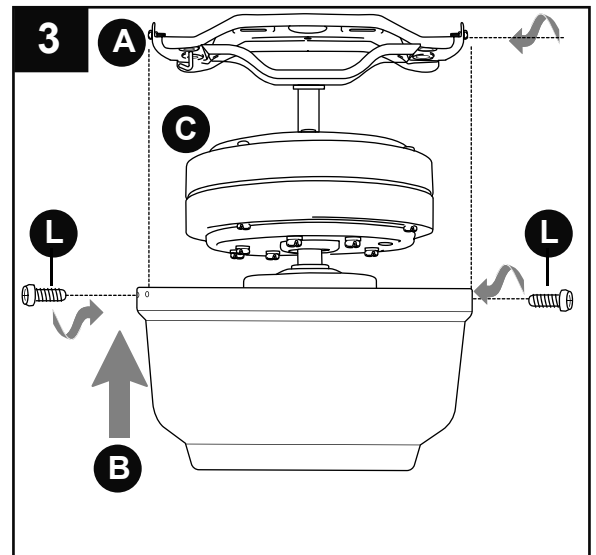
FINAL INSTALLATION

1. Locate wide openings in mounting bracket (A). Remove motor assembly (C) from "J" hook. Lift motor assembly (C) to hanging bracket (A) and slide one end of bar on topside of motor assembly (C) into opening on hanging bracket (A). Tilt the motor assembly (C) and insert the other end of the bar into the second opening, hanging motor assembly (C) loosely on the mounting bracket (A).
2. Securely attach motor assembly (C) to mounting bracket (A) by adjusting the motor assembly (C) until the tabs on both ends of the bar on motor assembly (C) lock into the slots on the mounting bracket (A). Make sure screw holes are aligned. Re-insert mounting bracket screws/lock washers (J) previously removed (Step 5, Page 8). Securely tighten all mounting bracket screws/lock washers (J).



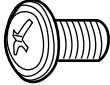
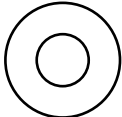
FINAL INSTALLATION

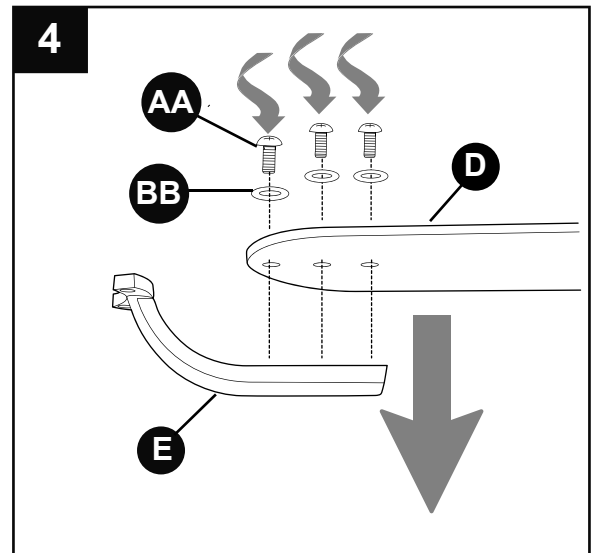
- Temporarily lift motor housing (B) to mounting bracket (A) to determine which two motor housing screws (L) in sides of mounting bracket (A) align with the slotted holes in the top edge of the motor housing (B) and partially loosen these two motor housing screws (L). Remove the other two motor housing screws (L) from sides of mounting bracket (A). Slide motor housing (B) over motor assembly (C), aligning slotted holes in motor housing (B) with loosened motor housing screws (L) in mounting bracket (A). Twist motor housing (B) to lock. Re-insert the other two motor housing screws (L) to secure motor housing (B). Tighten all motor housing screws (L) securely.



- Partially insert three blade screws (AA) along with three fiber blade washers (BB) into holes on blade arm (E) and blade (D) to attach blade arm (E) to blade (D). Then, tighten each blade screw (AA) starting with the one in the middle. Repeat with remaining blades (D) and blade arms (E).

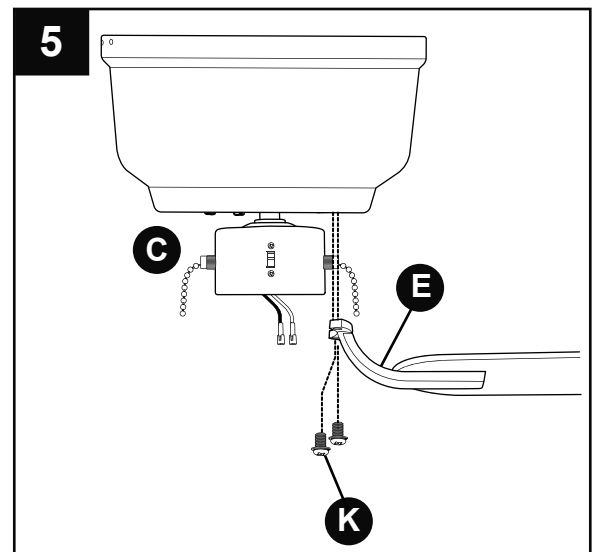
Hardware Used

AA	Blade Screw		x 15
BB	Fiber Blade Washer		x 15



- Locate motor screws/lock washers (K) previously removed in Step 6 on Page 8.

Insert two motor screws/lock washers (K) through one blade arm (E) to attach blade arm (E) to motor assembly (C). Tighten motor screws/lock washers (K) securely. Repeat with remaining blade arms (E) making sure to completely secure each blade arm (E) before proceeding with the next.

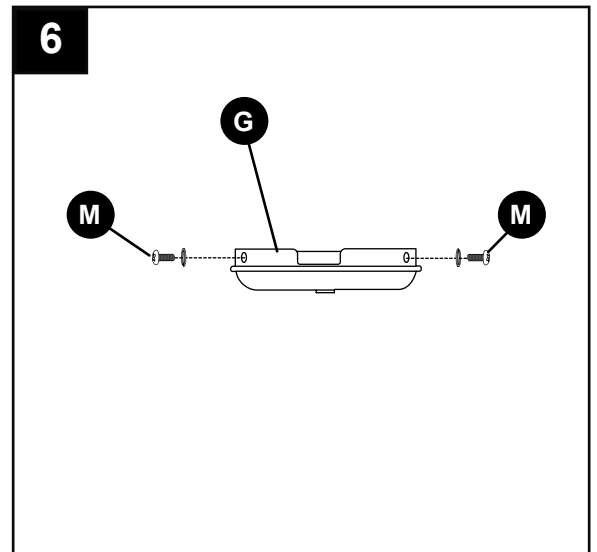


FINAL INSTALLATION

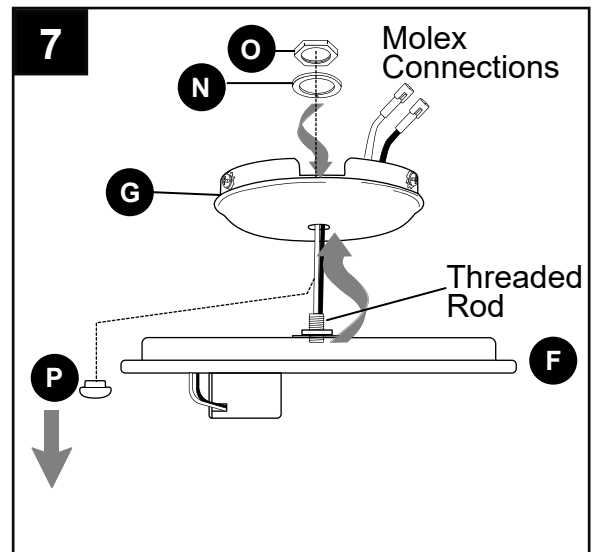
6. Remove three switch housing screws (M) from outer edge of switch housing cap (G). Save switch housing screws (M) for later use.

If you do NOT wish to use the light, skip to INSTALLING FAN WITHOUT LIGHT KIT on page 15.

If you DO wish to use the light, proceed to Step 7.

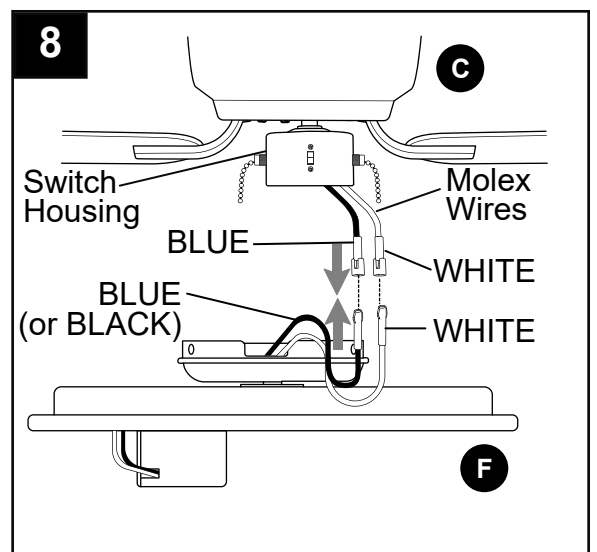


7. **To install the fan with the light**, remove preassembled hex nut (O) and lock washer (N) from threaded rod at top of light kit fitter (F). **NOTE:** Do NOT remove rubber washer from threaded rod at top of light kit fitter (F). Punch center cap (P) out of switch housing cap (G). Gently feed molex connections (one wire at a time) from light kit fitter (F) through hole in middle of switch housing cap (G), and then screw switch housing cap (G) onto threaded rod at top of light kit fitter (F). Replace lock washer (N) and then tighten hex nut (O) over lock washer (N) for a secure fit.



8. Locate the BLACK (or BLUE) and WHITE wires in the switch housing preassembled on motor assembly (C).

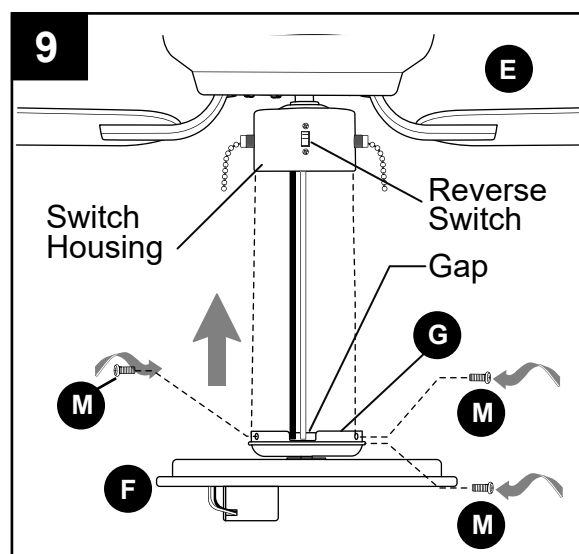
Connect WHITE wire from light kit fitter (F) to WHITE wire from switch housing. Connect BLUE wire from light kit fitter (F) to BLUE (or BLACK) wire from switch housing. Make sure molex connections snap together securely.



FINAL INSTALLATION

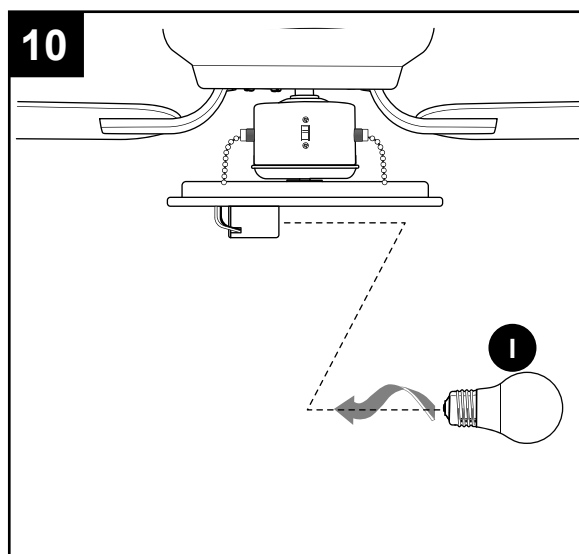
9. Carefully arrange wires inside switch housing. Align holes in switch housing cap (G) with holes in switch housing, and secure switch housing cap (G) with three switch housing screws (M) previously removed (Step 6, Page 13). Tighten all three switch housing screws (M) securely.

NOTE: Make sure to align gap on switch housing cap (G) with the reverse switch on switch housing for the correct fit.



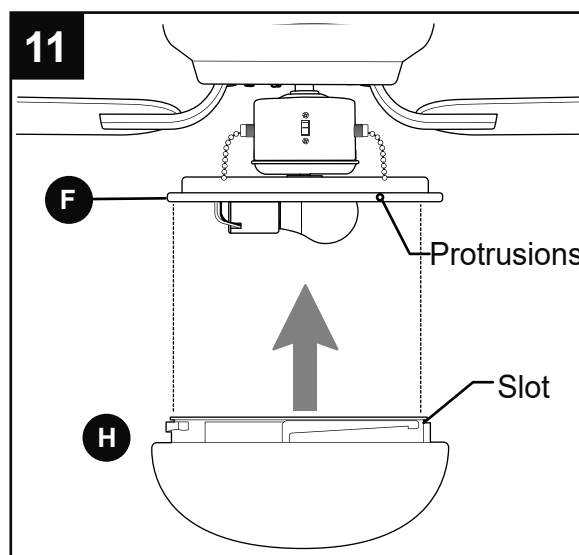
10. Install bulb (I).

⚠ WARNING: When replacing bulb (I), allow bulb (I) and shade (H) to cool down before touching.



11. Align slots on shade (H) with protrusions on the inside of the light kit fitter (F). Turn shade (H) to the right (clockwise) until it no longer turns.

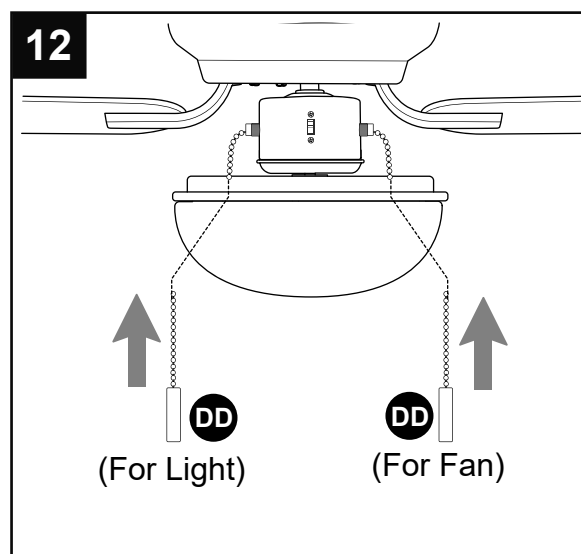
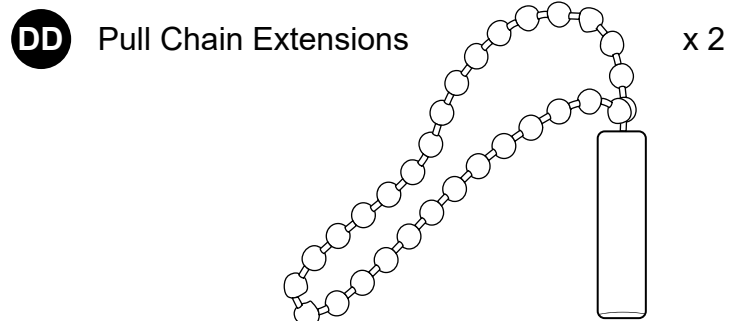
NOTE: Pull down **gently** on the shade (H) to make sure that it is secured completely.



FINAL INSTALLATION

12. Attach pull chain extensions (DD) or custom pull chain extensions (not included) to fan and light pull chains.

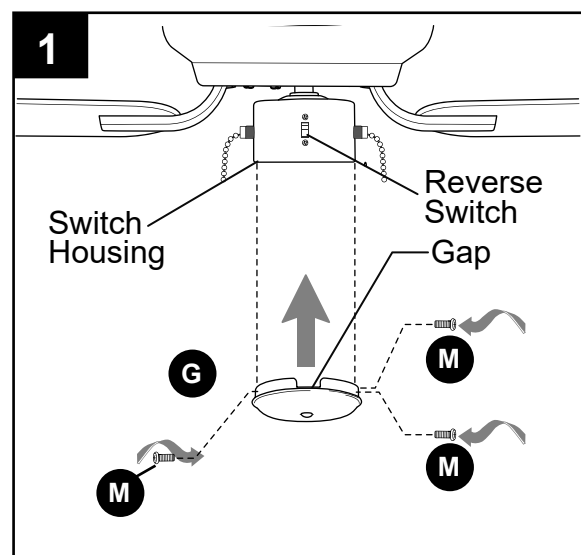
Hardware Used



INSTALLING FAN WITHOUT LIGHT KIT

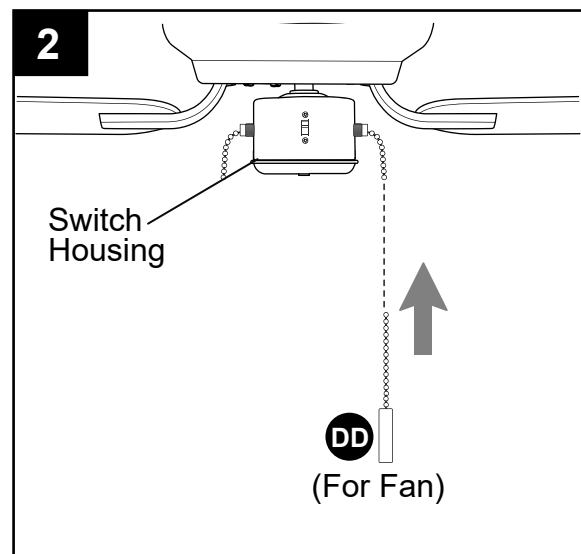
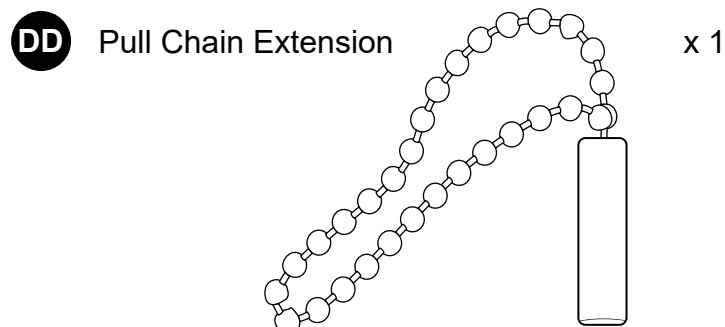
1. If you do NOT wish to use the light, carefully arrange wires inside switch housing. Align holes in switch housing cap (G) with holes in switch housing, and secure switch housing cap (G) with three switch housing screws (M) previously removed (Step 6, Page 13). Tighten all switch housing screws (M) securely.

NOTE: Make sure to align gap on switch housing cap (G) with the reverse switch on switch housing for correct fit.



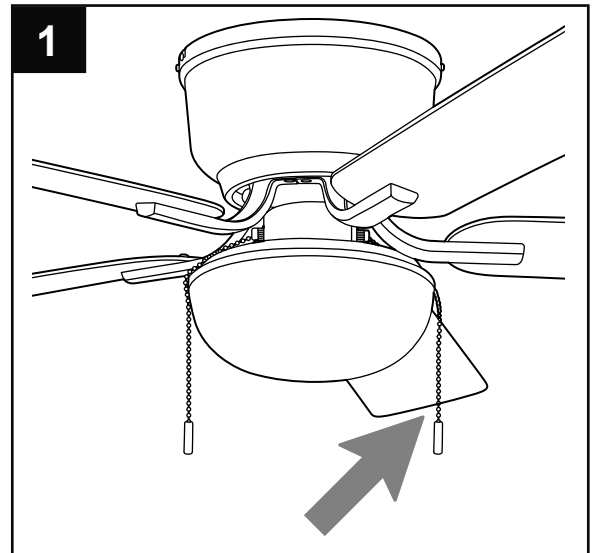
2. Attach pull chain extension (DD) or custom pull chain extension (not included) to the fan pull chain.

Hardware Used

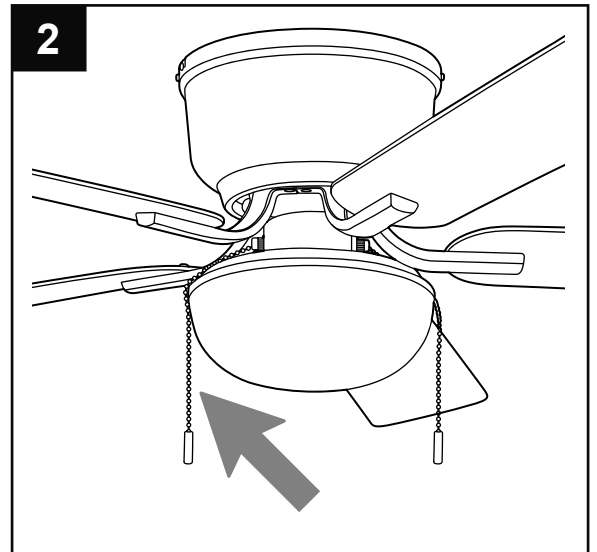


OPERATING INSTRUCTIONS

1. The pull chain located to the right of the reverse switch has four positions to control **fan** speed. One pull is HIGH, two pulls is MEDIUM, three is LOW and four turns the fan OFF.

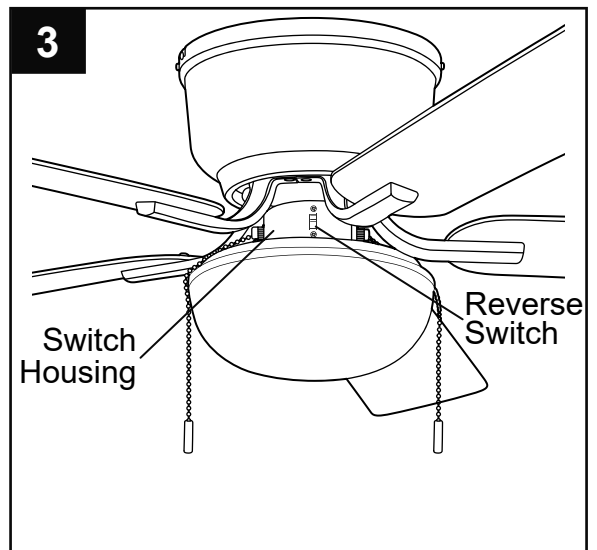


2. The pull chain located to the left of the reverse switch is used to turn the **light** ON or OFF (if applicable).



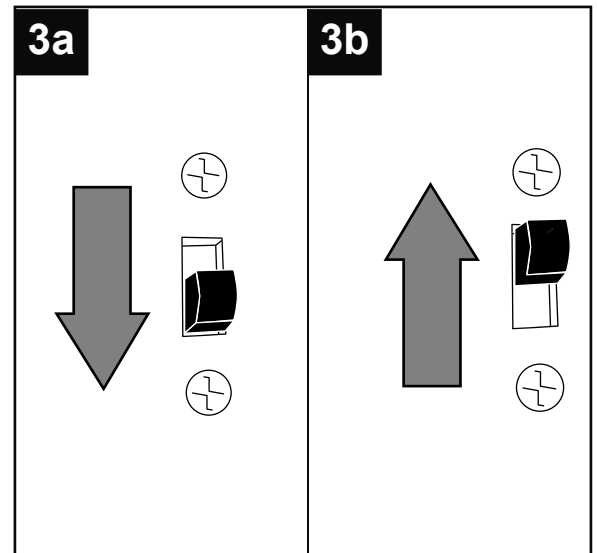
3. Use the fan reverse switch, located on the switch housing, to optimize your fan for seasonal performance. A ceiling fan will allow you to raise your thermostat setting in summer and lower your thermostat setting in winter without feeling a difference in your comfort.

NOTE: Wait for fan to stop before moving the reverse switch.

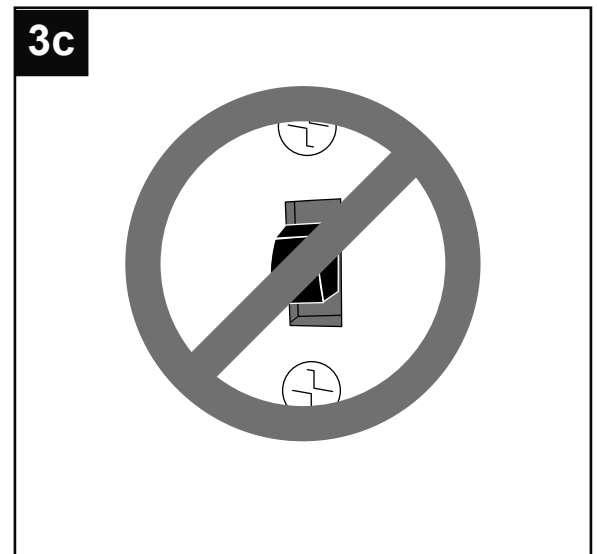


OPERATING INSTRUCTIONS

- 3a. In **warmer** weather, setting the reverse switch in the DOWN position will result in downward airflow creating a wind chill effect. (Fig. 3a)
- 3b. In **cooler** weather, setting the reverse switch in the UP position will result in upward airflow that can help move stagnant, hot air off the ceiling area. (Fig. 3b)



- 3c. **IMPORTANT:** Reverse switch must be set either **completely UP** or **completely DOWN** for fan to function. If the reverse switch is set in the *middle* position (Fig. 3C), fan will not operate.



CARE AND MAINTENANCE

At least twice each year, lower motor housing (B) to check motor assembly (C), and then tighten all screws on the fan. Clean motor housing (B) with only a soft brush or lint-free cloth to avoid scratching the finish. Clean blades (D) with a lint-free cloth. You may occasionally apply a light coat of furniture polish to wood blades for added protection.

IMPORTANT: Shut off main power supply before beginning any maintenance. Do not use water or a damp cloth to clean the ceiling fan.

Bulb Replacement: Use a standard-base 5.5-watt LED bulb or SBLED equivalent, up to 60 watts.

TROUBLESHOOTING

⚠ WARNING: Before beginning work, shut off the power supply to avoid electrical shock.

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
Fan does not move.	1. Reverse switch not engaged. 2. Power is off or fuse is blown. 3. Faulty wire connection.	1. Push switch firmly either up or down. 2. Turn power on or check fuse. 3. Turn power off. Loosen motor housing and check all connections.
Noisy operation.	1. Blades are loose. 2. Cracked blade. 3. Fan is new. 4. Fan is loose.	1. Tighten all blade screws. 2. Replace blade. 3. Allow fan a "break in" period of a few days, especially when running the fan at Medium and High speeds. 4. Turn power off. Carefully loosen motor housing and verify that mounting bracket is secure according to instructions on page 7.
Excessive wobbling.	1. Blades are loose. 2. Cracked blade. 3. Blade arms incorrectly attached. 4. Unbalanced blades. 5. Fan not securely mounted. 6. Fan is new.	1. Tighten all blade screws. 2. Replace blade. 3. Re-install blade arms. 4. Switch one blade with a blade from the opposite side. 5. Turn power off. Carefully loosen motor housing and verify that mounting bracket is secure according to instructions on page 7. 6. Allow fan a "break in" period of a few days, especially when running the fan at Medium and High speeds.
Fan operates but light fails (if applicable).	1. Bulb not installed correctly. 2. Wires in outlet box not wired properly. 3. Wall switch to fan is off. 4. Wires in light kit fitter not wired correctly.	1. Re-install bulb. 2. Check wires in outlet box and, if necessary, re-wire according to instructions on pages 9 and 10. 3. Make sure that wall switch to fan is on. 4. Check that molex connections in light kit fitter are connected properly according to instructions on page 13.

NOTE: A small amount of "wobble" is normal and should not be considered a defect.

LIMITED LIFETIME WARRANTY

Set forth below, the manufacturer warrants the fan motor for this ceiling fan to be free from defects in workmanship and material for the life of the product. Also, subject to the limitations below, the manufacturer warrants all ceiling fan parts ("ceiling fan parts" excludes the motor and parts made in whole or in part with glass) to be free from defects in workmanship and material for a period of one year after the date of purchase by the original purchaser at retail.

All claims must be made by the original purchaser, whether such purchaser purchased the product through a store or contractor. Ceiling fan part defects must be reported within the first year from the date of purchase. Parts made in whole or in part with glass and the finishes of metal and other surfaces are not warranted.

Purchasers are responsible for all costs of removing and reinstalling the product. Any damage to any part caused by ordinary wear and tear, accident, misuse, or improper installation, is not covered by this warranty. The manufacturer assumes no responsibility whatsoever for fan installation. Any service performed by a non-licensed electrician will render the warranty invalid.

The manufacturer's sole responsibility shall be to repair or replace the motor, parts, or product within the terms stated above. The manufacturer shall not be liable for any loss or damage of any kind, including any incidental or consequential damages resulting directly or indirectly, from any breach of warranty, express or implied, or any other failure of this product. Some states do not allow the exclusion or limitation of incidental or consequential damages so this limitation may not apply to you.

If the original purchaser ceases to own the fan, this warranty is voided.

Should the purchaser encounter a problem with your fan related to defects in workmanship or materials within the warranty period associated with the defective part, the manufacturer agrees to replace the defective part without charge, or at its option, to replace the ceiling fan with a comparable or superior model.

The manufacturer's warranties are limited to the written warranties set out in this ceiling fan limited lifetime warranty. All other express and implied warranties, including, without limitation, the implied warranty of fitness for a particular purpose and the implied warranty of merchantability are disclaimed. Some states do not allow the disclaimer of implied warranties, so this disclaimer may not apply to you.

REPLACEMENT PARTS LIST

All parts are replaceable (see parts list in "Package Contents" on Page 5), however, only the parts listed below are under warranty. For replacement parts, call our customer service department at **888-251-1003**, 8 a.m. - 8 p.m., EST, Monday - Sunday.

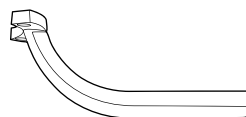
		#9053189	#9053190	#9640283	#9640284
PART	DESCRIPTION	PART #	PART #	PART #	PART #
A	Mounting Bracket	9053189-A	9053190-A	9640283-A	9640284-A
D	Blade	9053189-D	9053190-D	9640283-D	9640284-D
E	Blade Arm	9053189-E	9053190-E	9640283-E	9640284-E
F	Light Kit Fitter	9053189-F	9053190-F	9640283-F	9640284-F



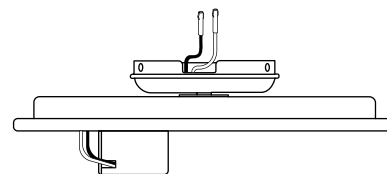
A



D



E



F