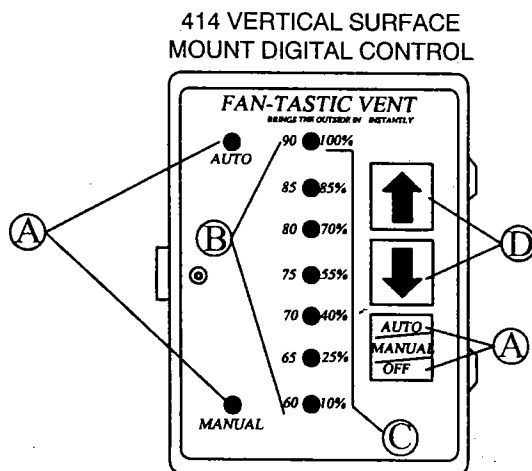


FAN-TASTIC VENT™

MODEL 6504/414, OPERATING INSTRUCTIONS, page 1 of 2

SELECT MODE BY PRESSING
PAD ON WALL CONTROLLER;
AUTO MODE, TOP LEFT
LED TURNS ON.
MANUAL MODE, BOTTOM
LEFT LED TURNS ON.
OFF MODE, ALL LED'S ON
CONTROL TURN OFF.



[AUTO=AUTOMATIC SPEED
IN AUTO MODE, 60° to 90°F
SETTING LIGHTS LED'S. 1/2
SETTINGS LIGHT 2 LED'S
IN 5 SEC., AMB. TEMP. SHOWS.
IN MANUAL MODE, 10% to 100%
OF HIGH SPEED LIGHTS LED,
1/2 SETTING LIGHTS 2 LED'S.
PUSH ARROWS UP OR DOWN
TO CHANGE SETTINGS.]

1. Select "MANUAL", the dome (lid) lifts automatically. Now press arrows "UP" to increase or "DOWN" to decrease fan speed or to turn "FAN BLADE ONLY OFF". Press and hold arrow to scroll through all 14 settings (off to faster to high or high to slower to off).
2. Select "AUTO", the dome (lid) lifts automatically. Now press arrows "UP" to increase or "DOWN" to decrease and display thermostat setting. Press and hold arrow to scroll through all 14 temperature settings. Once temperature is set the controller will compare the actual interior temperature to the setting every 30 seconds and automatically, gradually increase or decrease fan blade speed to maintain set temperature inside coach. If temperature is set at 60°F fan motor will run at high speed regardless of inside temperature. Increase setting to a slightly warmer position and fan returns to automatic operation.
CALIBRATION; when interior temperature cools 3°F below set temperature the fan blade shuts off (dome remains open) and does not restart until interior temperature raises 3°F. When interior temp raises 7°F above set point, fan blade will run at high speed until ambient interior temp cools to 7°F above set point or cooler. 5 seconds after last set point display reverts to thermometer reading on display. 15 seconds after last set point, controller LED's dim to half light to save power.
3. Select "OFF", dome closes shutting off fan motor, control lights go out but this system still draws fractional current (milliamps). For storage use battery disconnect, if supplied by manufacturer. When fan is not used daily turn circuit to fan off or remove fuse from fuse holder in face of fan by pushing up on cap and 1/2 turning to left.

continued

FAN-TASTIC VENT™

MODEL 6504/414, OPERATING INSTRUCTIONS, page 2 of 2

4. This fan is equipped with a built in RAIN SENSOR. When dome (lid) is open and moisture contacts the sensor, the dome closes and turns fan blade motor off, if it is running. When the rain sensor dries, dome reopens and fan blade starts if controller setting demands it run. Some conditions like, a hot steamy shower, leaving dome open with fan blade motor off at dew point or to operate fan blade motor during a light to moderate rain storm warrant the turning off of the system rain sensor. This is accomplished by identifying on face of fan a two position mini rocker switch. *Select "RAIN OVERRIDE" (red print) to turn the rain sensor "OFF".*
Return switch to "NORMAL" (black print) before leaving fan unattended.

The dome (lid) lift motor designed into your fan enables you to manually open or close the dome in an emergency. Here's some additional information;

NEW AT LIFT MOTOR FACTS; (eff. 6/21/'01)

The pull/push knob must remain in "AUTO" position at all times. Pull down to "MANUAL" position to adjust dome height then push back (return) to "AUTO" position immediately and slightly rotate (adjust) knob to insure the gear box is properly locked. You can stop the dome partially open by applying, firm, opposite rotation to slowly turning knob while dome is opening, remember, FIRM PRESSURE! open dome all the way during windy conditions.

Notice: Do not leave fan in active mode while rig is stored or unattended for extended periods of time -- high winds, other unusual conditions or obstructions may prevent closing: resulting leakage could cause serious damage!

Close all vents when using your Fan-tastic Vent. Slightly open window on shaded side of coach affords the most comfortable airflow, especially on hot, sunny days. Always position yourself between slightly open window and Fan-tastic Vent for maximum comfort. Remember, you direct the airflow by slightly opening a window/s.

NOTE: Never place a MAXXAIR™ or similarly styled cover over or filter on Fan-tastic Vent interior assembly, greatly restricted air flow, increased sound levels and electrical component failures will occur as a result.

IMPORTANT: Any Damage Due to Shipping, Call Fan-Tastic Vent Collect for Immediate Replacement.

FAN-TASTIC VENT™

12 Volts Only12 Volts Only12 Volts Only 12 Volts Only

INSTALLATION INSTRUCTIONS FOR 12-VOLT CEILING FAN

SYSTEM HAS BEEN FUSED BY FAN-TASTIC VENT, FOR REPLACEMENT REFER TO LABEL ON FAN FOR CORRECT FUSE VALUE.

RECOMMENDED WIRE:

A minimum of 16-gauge stranded copper must be used.
Insulated connectors must be used.

WIRE COLOR CODE:

Black or Red - Positive or Fused*
White - Negative or Ground

ROOF MOUNTING INSTRUCTIONS;-OEM

Sealer or Fan-Tastic Vent gasket is required between mounting flange bottom & top of roof, additional seal over screws & at flange where it meets roof.

RECOMMENDED SCREWS:

No. 8 self-tapping flat head - 3/4" to 1" in length. All 28 holes must be used for proper seal (low profile bases require 16 screws). After ceiling fan has been mounted and wired, install interior garnish. Garnish must be trimmed for thinner roofs. For deeper than standard garnish, call Fan-Tastic Vent Corporation toll free.

REVERSE SWITCH:

Units equipped with a reverse switch - motor and fan blade must be completely stopped before reversing fan.

MANUAL LIFT MODELS W/WALL-MOUNT THERMOSTAT INSTRUCTIONS:

When unit is equipped for a wall-mount thermostat, red wire goes to positive, white wire goes to ground. Red and white wire must be 18 gauge or larger. Orange wire goes to position R on thermostat, yellow wire goes to position Y on thermostat. Orange and yellow wire can be 18 or 22 gauge or normal thermostat wire.

If thermostat is deleted for any reason, add a single pull single throw (on/off) switch. (Direct connection of orange & yellow wires result in constant low milliamp relay draw when fan is not in use.)

BULB TYPE THERMOSTAT INSTRUCTIONS:

No additional external wiring.

AUTOMATIC LIFT MODELS; (DETAILED OPERATION INSTRUCTIONS AVAILABLE)

2 - 18 gauge orange leads to up/down switch (DM) or cooling only Thermostat (T)
3 - 18 gauge (1-red, 1-blue & 1-black) to wall controller only (model 6500/410 or 6500R/410).
9 wire remote controls require schematic from Fan-Tastic Vent for model 6500/310R.
If fan is supplied w/mate & lock harness, plug in until cap & plug lock.

NOTE:

A SAFETY SWITCH HAS BEEN INSTALLED ON THIS UNIT, DOME MUST BE OPENED APPROXIMATELY 2 INCHES BEFORE MOTOR WILL OPERATE. WHEN DOME IS SHUT COMPLETELY, MOTOR WILL NOT OPERATE.

WHEN CONNECTING TO AN EXISTING CIRCUIT, IF POSSIBLE, MOVE CIRCUIT TO FILTERED SIDE OF CONVERTER.

*PERMANENT MAGNET MOTORS PERFORM AS DESIGNED ON FILTERED DC CURRENT. UNFILTERED DC CURRENT MAY CREATE IRRITATING NOISE FROM FAN BLADE MOTORS AND CAUSE CIRCUIT BOARDS TO FAIL.

HOW TO USE YOUR FAN-TASTIC VENT

Close all vents when using your Fan-Tastic Vent. Slightly open windows on shaded side of coach afford the most comfortable ambient air, even on hot days. Remember, you direct the air flow by opening a window. Always try to position yourself between open window and fan for greatest air flow comfort.

Any installation or operating problems call Fan-Tastic Vent toll free immediately, (800) 521-0298

2083 S. Almont Ave. • Imlay City, Michigan 48444
(800) 521-0298 • (810) 724-3818 • FAX (810) 724-3460
www.fantasticvent.com

JUL 28 2004

FAN-TASTIC VENT CORPORATION: Owner registration card

PLEASE PRINT

Name _____ Phone _____

Address _____

City _____ State _____ Zip _____

Date of Purchase Month _____ Day _____ Year _____

THIS PRODUCT CAME FROM:

- ☐ Original equipment on vehicle. Manufacturer's Name _____
- ☐ Installed on new vehicle by dealer. Dealer Name _____
- ☐ Installed on pre-owned vehicle by dealer. Dealer Name _____
- ☐ Purchased and installed by owner. Purchased at _____

FAN-TASTIC VENT CORPORATION

2083 S. Almont Ave.
Imlay City, Michigan 48444

6504/414

FULL TWO YEAR LIMITED WARRANTY

* Lifetime Warranty on exterior dome.

FAN-TASTIC VENT CORPORATION warrants this product to be free of manufacturing defects for a * two year period after the original date of consumer purchase or receipt as a gift. This warranty does not include damage to the product resulting from accident or misuse.

If the product should become defective within the warranty period we will elect to repair or replace it free of charge, including free return transportation provided it is delivered prepaid to FAN-TASTIC VENT CORPORATION'S service department. Any questions regarding warranty service can be directed to:

Manager-Consumer Affairs

FAN-TASTIC VENT CORPORATION

2083 S. Almont Ave. • Imlay City, Michigan 48444
(800) 521-0298 • (810) 724-3818
FAX (810) 724-3460

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Any damage due to shipping, call Fan-Tastic Vent collect for immediate replacement.

01FTVRV 4/04

AUTO MODEL PARTS PARTS LIST

PRICE	PART DESCRIPTION	PART NUMBER
\$ 6.00	Dome Motor Off Switch	2053
\$19.75	Fan Blade - 12" 10 Blade	1138
\$86.00	Circuit Board Series 200, 150, 414 or 314	6036 or 6038
\$12.00	Motor Mount	1015
\$34.00	Main Body	1010
\$29.36	Exterior Vent Cover- Polycarbonate	1020
\$49.86	Double Dome (insulated) Polycarbonate	2020
\$ 6.32	Interior Garnish- Color _____ Depth _____	1040
\$ 8.62	Arm Lift Assembly - Auto	2011
\$ 3.92	Interior Lift Knob Extension & Screw - (Back-Up)	1140K
\$78.12	Motor - 12 Volt - Black	4017
\$39.00	PCB Remote Only - 414, 414R or 314R	6038-18
\$ 7.98	Screen Inserts w/screws; Color _____	1035K
\$10.75	3 Speed Switch	1031
\$29.60	Thermostat (Cooling), Wall Mount Style	9005
\$ 5.25	Dome Switch (Plunger Style)	1122
\$14.95	Reverse Switch	9001
\$ 4.00	Motor Cap w/screws; Color _____	5035BC or 6035KAT
\$36.00	Dome Lift Motor w/connectors	5050BC or 6050AT

HOW TO USE YOUR FAN-TASTIC VENT

Windows furthest away from the fan provide the best air exchange. Windows should be open sufficient enough to allow proper circulation of air. No other top vents should be open when using your Fan-Tastic Vent. Airflow can be directed by closing the rear windows and opening the front windows or vice versa.

CLEANING

Turn vent motor off. Remove 8 painted flathead screws around perimeter of screen insert only. Clean screen with soap and water solution and reinstall. Motor is sealed and requires no lubrication.

6504/414

J111 28 2004

FAN-TASTIC VENT CORPORATION: Owner registration card

PLEASE PRINT

Name _____ Phone _____

Address _____

City _____ State _____ Zip _____

Date of Purchase Month _____ Day _____ Year _____

THIS PRODUCT CAME FROM:

- ☐ Original equipment on vehicle. Manufacturers Name _____
- ☐ Installed on new vehicle by dealer. Dealer Name _____
- ☐ Installed on pre-owned vehicle by dealer. Dealer Name _____
- ☐ Purchased and installed by owner. Purchased at _____

6504/414

FULL TWO YEAR LIMITED WARRANTY

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If the product should become defective within the warranty period we will elect to repair or replace it free of charge, including free return transportation provided it is delivered prepaid to **FAN-TASTIC VENT CORPORATION'S** service department. Any questions regarding warranty service can be directed to:

Manager-Consumer Affairs

FAN-TASTIC VENT CORPORATION

2083 S. Almont Ave. • Imlay City, Michigan 48444

(800) 521-0298 • (810) 724-3818

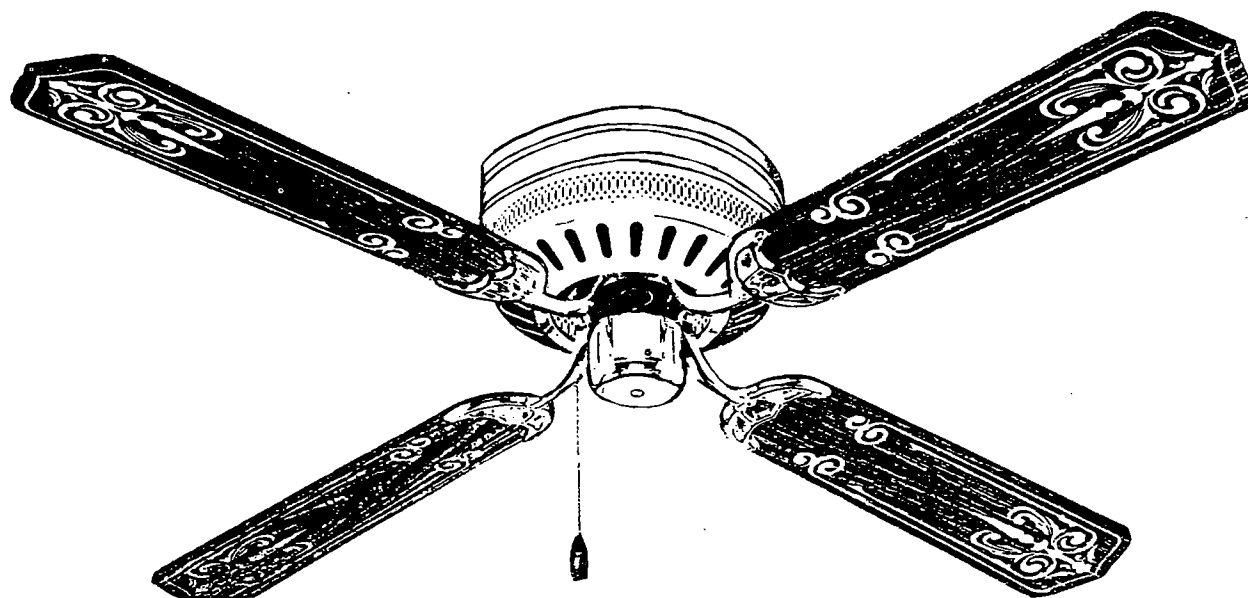
FAX (810) 724-3460

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

Any damage due to shipping, call Fan-Tastic Vent collect for immediate replacement.

01FTVRV 4/04

READ AND SAVE THESE INSTRUCTIONS



INSTALLATION AND OPERATION INSTRUCTIONS

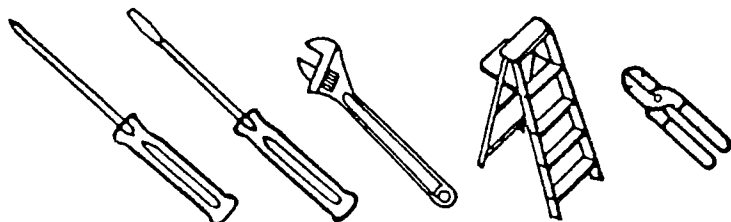
These instructions are intended for use with the following U.L. Listed Fans.

GENERAL

1. To ensure the success of the installation, be sure to read the instructions and review the diagrams thoroughly before beginning. Review and follow only the instructions that are applicable for your fan.
2. To reduce the risk of electrical shock, insure electricity has been turned off at the circuit breaker or fuse box before beginning.
3. All electrical connections must be in accordance with the National Electrical Code and Local Electrical Codes. If you are unfamiliar with methods of installing electrical wiring, secure the services of a qualified electrician.
4. Make sure that your installation site will not allow rotating fan blades to come in contact with any object. A minimum clearance of 7 feet from the floor to the trailing edge of the blade is required.
5. WARNING: To reduce the risk of electrical shock, do not use this fan with any solid-state fan speed control device.
6. WARNING: To reduce the risk of fire, electric shock, or personal injury, mount to outlet box marked Acceptable For Fan Support.
7. The outlet box must be securely mounted and capable of reliably supporting a minimum of 35 pounds (15.9 kg).
8. CAUTION: To reduce the risk of personal injury, use only the two steel screws (and lock washers) provided with the fan for the mounting to the outlet box.
9. WARNING: To reduce the risk of personal injury, do not bend the blade brackets when installing the brackets, balancing the blades, or cleaning the fan. Do not insert foreign objects in between rotating fan blades.

NOTE: The important safeguards and instructions appearing in this manual are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense, caution and care are factors which cannot be built into any product. These factors must be supplied by the person(s) caring for and operating the unit.

TOOLS AND MATERIALS REQUIRED



- Philips screw driver
- Blade screw driver
- Adjustable wrench
- Step ladder
- Wire cutters
- Wiring supplies as required by electrical code

CAUTION: Before assembling your ceiling fan, refer to sections titled **MOUNTING OPTIONS** and **ELECTRICAL CONNECTIONS**. If you feel you do not have electrical wiring knowledge or experience, refer to a do-it-yourself wiring handbook or have your fan installed by a licensed electrician.

MOUNTING OPTIONS

1. Before beginning, disconnect power by removing fuse or turning off circuit breaker.
2. Fasten mounting bracket to ceiling outlet box with screws provided with the outlet box.

NOTE

THE WOOD SCREWS PROVIDED WITH THIS FAN ARE INTENDED TO BE USED AS ADDITIONAL SUPPORT FOR THE OUTLET BOX.

WARNING

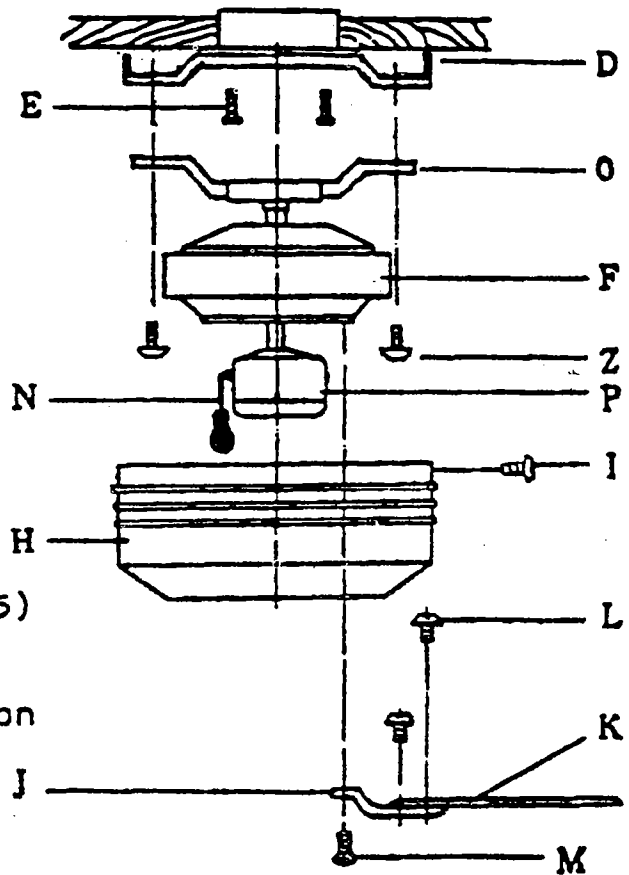
THE OUTLET BOX MUST BE SUPPORTED DIRECTLY BY THE BUILDING STRUCTURE.

THE OUTLET BOX AND ITS SUPPORT MUST BE ABLE TO MAINTAIN THE MOVING WEIGHT OF THE FAN (AT LEAST 50 LBS) – OUTLET BOX MUST NOT TWIST OR WORK LOOSE.

DO NOT USE PLASTIC OUTLET BOXES

PARTS LIST

- D. Mounting Plate (1)
- O. Mounting Bracket (1)
- F. Motor (1)
- Z. Screw (3)
- P. Switch Housing (1)
- I. Screw (4)
- L. Screw (12) or (15)
- K. Blade (4) or (5)
- M. Screw (8) or (10)
- E. Screw (2)
- N. Tassel or Fol (1)
- H. Decorative Housing (1)
- J. Blade Bracket (4) or (5)
- 1 Warranty Card
- 1 Installation Instruction



* WARNING: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK, OR PERSONAL INJURY, DO NOT MOUNT TO OUTLET BOX OR SUPPORTING SYSTEM UNLESS ACCEPTABLE FOR FAN SUPPORT.

*"CAUTION"

"To reduce the risk of personal injury, use only the two steel screws (and lock washers) provided with the fan for mounting to the outlet box."

INSTALLATION INSTRUCTIONS

Using An Existing Ceiling Fixture

1. In order to insure proper support, check and secure the ceiling outlet box (A) being firmly installed to the joist or beam. Two wood screws (B) and washers (C) are provided for this purpose (Fig. 1) Remember that the ceiling outlet box must be capable of supporting at least 35 pounds. Do not use lubricants on screws and screw pilot hole drilled shall not be larger than the minor diameter of the screw. Do not use a plastic outlet box.

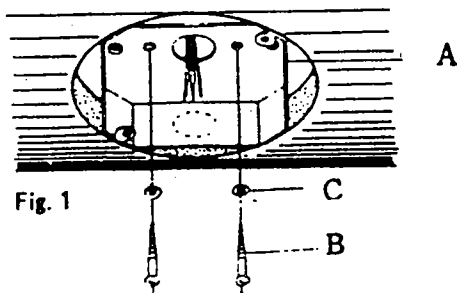


Fig. 1

3. Insert one end of the mounting bracket through the slot on the mounting plate all the way to the end.

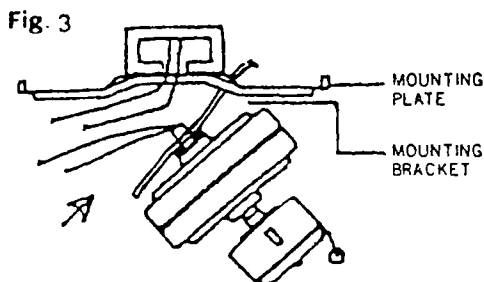


Fig. 3

5. For wire connection:

Connect fan wires to the ceiling wires white (fan lead) to white (power source), black (fan lead) to black (power source), green (from fan) to green or bare grounding conductor of power source. Cap the wires with the wire nuts (G) provided. After splices have been made, turn upward and carefully push into outlet box with green and white leads on one side and black and/or blue or red lead on the other side of the outlet box. Please note the blue wire is a separate circuit for light kit use (Fig 4)

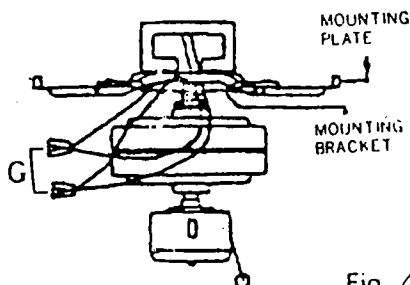
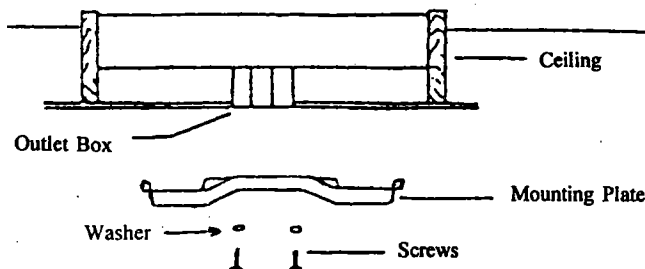


Fig. 4

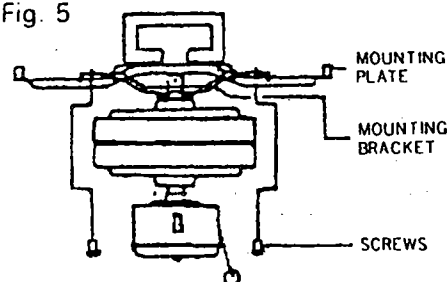
2. Attach the mounting plate (D) to the ceiling outlet box (A) with No. 8 screws (E) and washers (C) provided with the fan. Tighten the screws (Fig 2)

Fig. 2



4. Hold the motor upright and adjust the motor to align the three holes on the mounting bracket with the holes on the mounting plate then fasten the three set screws tightly (Fig. 5)

Fig. 5



"CAUTION"

"To reduce the risk of personal injury, use only the two steel screws (and lock washers) provided with the fan for mounting to the outlet box."

6. Attach the decorative housing (H) to the mounting plate (D) with screws (I) provided with the fan. Tighten the screws (Fig 6)

Fig. 6

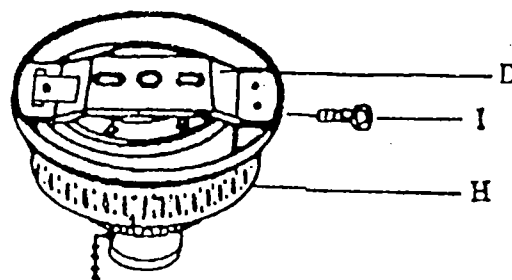
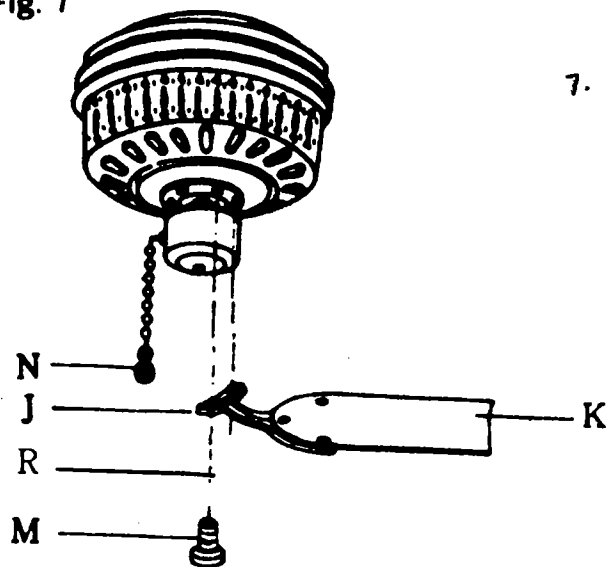


Fig. 7



7. Install blade (K) to fan motor using the two screws (M) provided and fasten securely. (Fig. 8)

8. Attach the tassel or fols (N) to the pull chain on the switch housing. (Fig. 7)

9. Turn on the power. The 3 speed pull chain switch has four positions:

- 1) Pull: ON — — — high speed
- 2) Pull again: ON — — — medium speed
- 3) Pull again: ON — — — low speed
- 4) Pull again: FAN OFF

The small slide switch on the side of the housing controls the airflow direction of upward and downward.

ELECTRICAL CONNECTIONS

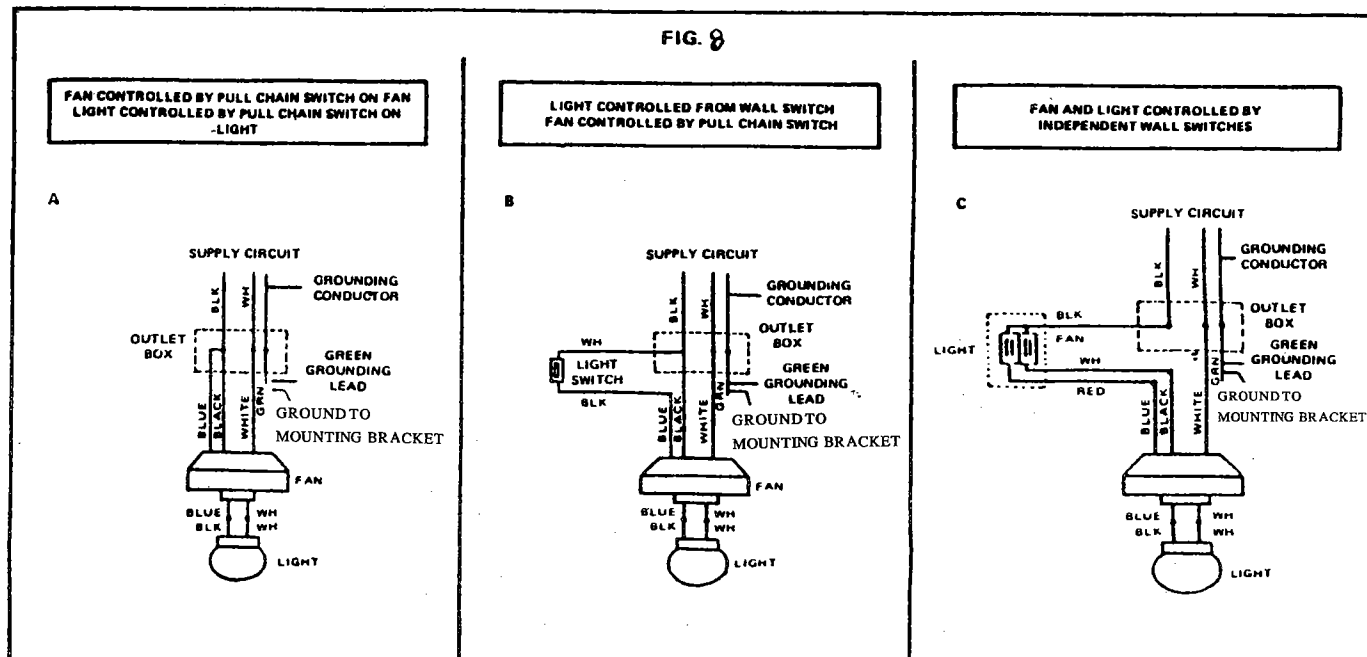
NOTE

THE BLUE WIRE IS FOR YOUR OPTIONAL LIGHT KIT. DO NOT CONNECT THIS WIRE IF LIGHT IS NOT INSTALLED.

Make electrical connections. Connect black wire from ceiling fan to black wire of supply circuit. Connect white wire from ceiling fan to white wire of supply circuit. Connect green grounding lead from ceiling fan to grounding conductor of supply circuit. If you are installing a light kit, connect blue wire from ceiling fan to black wire of supply circuit use U.L. listed wire connectors suitable for the size, type and number of conductors. No loose strands or loose connections should be present, secure wire connectors with U.L. listed electrical tape. After splices are made, the wires must be spread apart so that the green and white are on one side of the outlet box and the black and blue (for light) are on the other side. Turn splices upward and carefully push all wiring into outlet box. For optional wall control, see fig. B or C. When wall switches are employed, switches shall be U.L. listed, general use switches. Optional light kits must be U.L. listed.

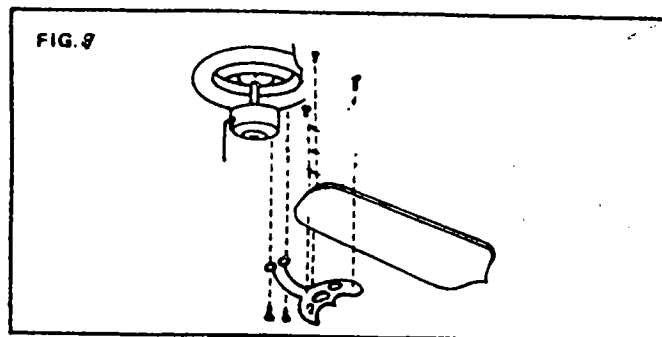
CAUTION: To reduce the electric shock, disconnect the electrical supply circuit of the fan before installing the light kits.

FIG. 8



ATTACH FAN BLADES

- A. Insert this assembly through blade then start the screw into the blade bracket. Repeat this procedure without tightening the screw until all 3 screws have been started onto the blade bracket.
- B. Tighten each screw starting with center screw. Make sure blade is straight.
- C. Fasten blade assembly to motor with screws provided.



All blades are weighted and grouped by weight. Natural woods vary in density, which could cause the fan to wobble even though all blades are weight matched. The following procedure should eliminate most of the wobble. Check for wobble after each step.

PLEASE NOTE THAT A CERTAIN AMOUNT OF WOBBLE IS NORMAL AND SHOULD NOT BE CONSIDERED A PROBLEM.

1. Check that all blades are screwed firmly into blade brackets.
2. Check that all blade brackets are tightened securely.
3. If fan light has center shade, be sure fitter is screwed tightly into bottom cap. Be certain that shade is centered within shadeholder by adjusting shadeholder screws.
4. Most wobble problems result from inconsistent blade levels within the plane of rotation. To check this level, select a point on the ceiling directly above the tip of one of the blades. Measure the distance. Keeping the same point of measure from the ceiling, rotate the fan until the next blade tip is positioned for measurement. Continue this until all blade tips to ceiling measurements have been recorded. If variations exist it may be necessary to place the fiber washers, normally located on the top side of the blade, between the bracket and blade to adjust the blade tip up or down. To adjust blade tip up, remove the fiber washers at the two outermost blade attachment locations and position between the blade and bracket. Do not remove the fiber washer from the top side of the innermost blade attachment. To lower the blade tip, follow this procedure for the innermost blade attachment fiber washer, leaving the outermost washers in place on top of the blade.
5. Wobble problems could also result from deviations in distance from blade to blade. To check blade separation measure the distance from blade tip to blade tip. All measurements should be equal. If these measurements vary, loosen screws connecting blades and brackets (one at a time) then shift blade to proper position and tighten screws.

OPERATING INSTRUCTIONS

Turn on power and check operation of fan. The pull chain controls the fan as follows: One pull — high speed; two pulls — medium speed; three pulls — low speed; four pulls — "OFF". The slide switch controls "FORWARD" and "REVERSE."

WARMER WEATHER OPERATION

Air Flow Direction — Downward

In warmer weather downward airflow will create a wind chill effect. This allows for a higher temperature setting on your air conditioning unit without a reduction in the comfort level.

COOL WEATHER OPERATION

Air Flow Direction — Upward

In cooler weather upward airflow moves stratified hot air off the ceiling area. This allows for a lower temperature setting on your heating unit without a reduction in the comfort level.

CARE AND CLEANING

1. Check the integrity of support connections at least twice each year. Lower ceiling canopy and examine mounting bracket support screws and downrod support assembly. (IT IS NOT NECESSARY TO REMOVE FAN FROM CEILING)
2. Examine the integrity of brackets and blade attachments at least twice each year.
3. Periodic cleaning of your new ceiling fan will help maintain a new appearance over the years.
Do not use water when cleaning your ceiling fan as this could damage the motor or the wood and create the possibility of an electrical shock.
4. The plating is sealed with a lacquer to minimize any discoloration or tarnishing. Therefore, only use a soft brush or lint free cloth to avoid scratching the finish.

5. You may wish to occasionally apply a light coat of furniture polish to the wood for added protection and to enhance the beauty. Small scratches can be covered with light application of shoe polish.
6. The motor has permanently lubricated bearings. There is no need to oil.

NOTE

When performing routine inspections of your installation, do not disturb electrical connections. Should you notice a loose connection during your inspection, insure all power is off at the electrical panel box before attempting any repairs. Refer to the electrical connections section of the instructions for guidance.

OPTIONAL LIGHT KIT ASSEMBLY INSTRUCTIONS

CAUTION: SHOULD YOUR FAN BE PACKAGED WITH A LIGHT KIT, DO NOT ASSEMBLE THE LIGHT KIT TO FANS OTHER THAN THE FAN PACKAGE WITH THE LIGHT KIT.

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DISCONNECT THE POWER BY REMOVING THE FUSE AT THE ELECTRICAL PANEL BOX.

1. Remove the switch housing cover if provided, from the fan by removing the 2 (3 on some models) screws (5/32"-32NCx5L). (See FIG. A)
2. Pull down out of the switch housing of the fan the white and blue wires labeled "For light kit connection". Remove the wirenuts from the wires in preparation for step 3.
3. Connect the black wire of the light kit to the blue wire from the fan. Connect the white wire of the light kit to the white wire from the fan. (See FIG. B)

CAUTION: Make sure the connections are tight and that no bare wiring is showing at either of the wirenuts.

4. Tuck the completed wiring carefully back up into the switch housing and attach the light kit with switch housing cover to the fan with the screws which you can take from loose parts bag. (See FIG. B)
5. Install 60 watt (Max.) bulb(s), not provided.
6. Attach glassware with the screws provided. Do not overtighten the glassware attachment screws or damage to the glassware could result. (If your light kit is spot light, please ignore this step.)
7. Restore power.

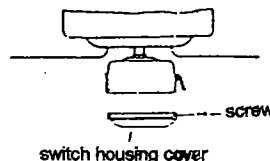


FIG. A

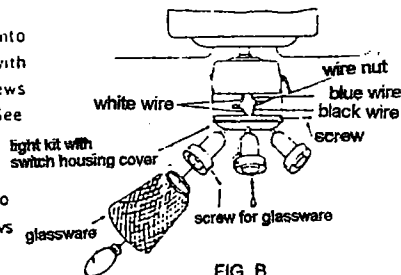


FIG. B

1. Remove the switch house cover from the fan by removing the 2 (3 on some models) screws as shown in FIG. 1.
2. Unscrew or pull out, the center plug from the switch house cover.
3. Connect the kit to the switch house cover. Examine the hole in the center of the switch house cover. If the hole is threaded, place the lockwasher over the kit wires before feeding wires through the hole. If the hole is unthreaded, feed the wires through the hole and secure with the lockwasher and locknut provided. Do not over tighten but make sure the kit is firmly attached to prevent it from vibrating loose while the fan is in operation.
4. Locate the two wires in the switch house, body (white and blue) labeled for light kit connection.
5. Make electrical connections. Connect the white wire from the light kit to the white wire from the fan. Connect the black wire from the light kit to the blue wire from the fan. Use UL Listed wire connectors suitable for the size, type and number of conductors. Secure all splices with UL Listed electrical tape to prevent connectors from vibrating loose during fan operation.
6. Turn splices upwards and carefully tuck into switch house. Reattach the switch house cover with the screws removed in step 1.
7. Install bulbs. Refer to maximum relamping information on the light kit. Attach glassware or shade with the screws provided. Do not over tighten screws or damage to shade could result.
8. Restore power.

FIG. 1

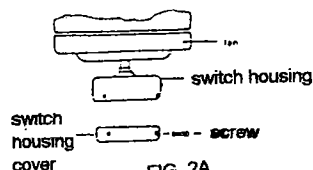


FIG. 2A

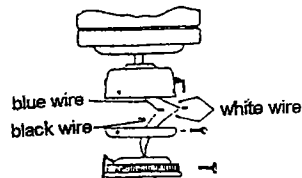
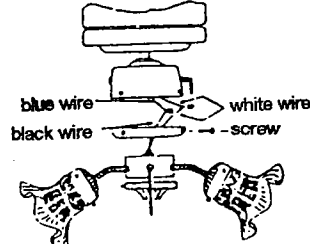


FIG. 2B



If you have any problems with the operation of your fan, refer to the Trouble Shooting Section, or contact the store from which the fan was purchased

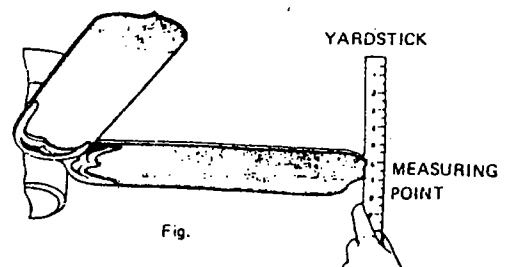
TROUBLESHOOTING		
Trouble	Probable Cause	Suggested Remedy
1. Fan will not start	<ol style="list-style-type: none"> 1. Fuse or circuit breaker blown. 2. Loose power line connections to the fan, or loose switch wire connections in the switch housing. 	<ol style="list-style-type: none"> 1. Check main and branch circuit fuses or circuit breakers. 2. Check line wire connections to fan and switch wire connections in switch housing. CAUTION: Make sure main power is turned off.
2. Fan sounds noisy.	<ol style="list-style-type: none"> 1. Loose screws in motor housing. 2. Screws securing fan blade flanges to motor hub are loose. 3. Wire nuts inside switch housing rattling. 4. Light kit glassware loose; light bulb loose in socket. 5. Motor noise caused by solidstate variable speed control. 	<ol style="list-style-type: none"> 1. Check to make sure all screws in motor housing are snug (not over-tight). 2. Check to make sure the screws which attach the fan blade flanges to the motor hub are tight. 3. Check to make sure wire nut connectors in switch housing are not rattling against each other or against the interior wall of the switch housing. CAUTION: Make sure main power is turned off before entering switch housing. 4. If using an optional Ceiling Fan Light Kit, check to be sure the screws securing the glassware are finger tight. Check to be sure light bulb is tight in socket. 5. Some fan motors are sensitive to signals from Solid-State variable speed controls. If Solid-State Control is used and motor noise results choose an alternate control method.
3. Fan wobbles or shakes excessively.	<ol style="list-style-type: none"> 1. Screws securing fan blade flanges to blade hub are loose. 2. Fan blade flanges not seated properly. 3. Fan blades out of balance 	<ol style="list-style-type: none"> 1. Check to be sure screws which attach the fan blade flanges to the motor hub are tight. 2. Check to be sure the fan blade flanges seat firmly and cleanly to the top surface of the motor hub. 3. Interchanging adjacent (side-by-side) blade pairs can redistribute the weight and result in smoother operation.

BLADE POSITIONING AND BALANCE:

By gently bending the blade holder back into position

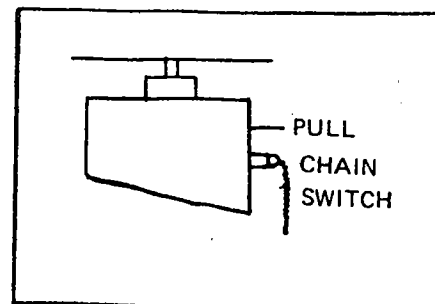
Occasionally, your fan may exhibit wobble during operation. This is probably due to some kind of irregularity in blades and/or the blade holders. We suggest the following procedures be followed to remedy such a situation:

1. Check that all blades are screwed firmly into the blade arm holder.
2. Check that all blade holders are tightly secured to the flywheel.
3. Looking up at the fan from below, make sure that none of the blade holders are bent so that a blade is out of position. Correction may be made by GENTLY bending the blade holder back into position.
4. Blade tracking may be checked simply by use of a household yardstick as shown in Fig. Place the yardstick vertically against the ceiling and even with the outside leading edge of a blade. Note the distance of the edge of a blade. Turn the blades slowly by hand to check the remaining blades. If a blade is in alignment, the blade holder may be gently bent up or down to be in line with the other blades.



OPERATION INSTRUCTION

1. The sequence of operation for the Pull-Chain Switch is:
OFF-HI-MED-LO
2. Push the Slide Switch Down (or Left) for FORWARD, and UP (or Right) for REVERSE action of the blades.
3. Even if your fan is mounted with the blades more than 7 feet from the floor be careful to avoid placing your raised arms or any object in the path of the blades.



PROBLEM SOLVER

PROBLEM A: FAN WILL NOT START:

- REMEDIES :**
1. Check fuse or circuit breaker and replace if necessary.
 2. Check that pull chain switch is "ON" and that slide switch is at exact position.
 3. Turn off electrical power, check all wire connections.
 4. Unscrew the switch box cover, check all wire connectors, if the wire connector is loose, tighten it firmly.

PROBLEM B: FAN IS EXCESSIVELY NOISY:

- REMEDIES :**
1. Check that all screws in fan assembly are tight and properly seated.
 2. Check to make sure mounting bracket is installed properly.
 3. Check to make sure light kit and glasses are installed properly and tight.

PROBLEM C: FAN WOBBLES:

- REMEDIES :**
1. Check that all blades are screwed firmly into blade holders.
 2. Check that all blade holders are screwed firmly into motor case.
 3. If that above does not eliminate the wobble, interchanging the blade pair proceed as follows until wobble is removed.

FOR 4-BLADES MODEL

<p>1</p> <p>4 2</p> <p>3</p> <p>Numbered tape placement</p>	<p>2</p> <p>4 1</p> <p>3</p> <p>Switch 1-2</p>	<p>2</p> <p>3 1</p> <p>4</p> <p>Switch 3-4</p>	<p>1</p> <p>3 2</p> <p>4</p> <p>Switch 2-1</p>	<p>1</p> <p>3 4</p> <p>2</p> <p>Switch 2-4</p>	<p>1</p> <p>4 3</p> <p>2</p> <p>Switch 4-3</p>
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FOR 5 BLADES MODEL

<p>5</p> <p>4 1</p> <p>3 2</p> <p>Numbered tape placement</p>	<p>5</p> <p>4 2</p> <p>3 1</p> <p>Switch 2-1</p>	<p>5</p> <p>3 2</p> <p>4 1</p> <p>Switch 3-4</p>	<p>5</p> <p>3 1</p> <p>4 2</p> <p>Switch 1-2</p>	<p>5</p> <p>3 1</p> <p>2 4</p> <p>Switch 2-4</p>	<p>5</p> <p>4 1</p> <p>2 3</p> <p>Switch 4-3</p>
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4. If the above do not eliminate the wobble, clip a wooden clothes pin on any one of blades about the middle of blade edge. Let fan run. If the wobble still exists, stop the fan. Try to clip the pin at different location along the edge, repeat this procedure on the remaining blades until the wobble is removed and stop the fan mark the location(s) of the clothes pin(s) with a marking pencil and remove the clothes pin(s). Apply one inch lead tape to the marked location(s) on the facing-ceiling side.