

3108702.372 KIT

Motor with Capacitor & Brackets

INSTRUCTIONS FOR MOTOR REPLACEMENT

KIT CONSISTS OF:

(1 ea.)	3106198.017	Asm., Motor
(1 ea.)	3106335.031	Instruction Sheet
(3 ea.)	20009.002	Wire Nut
(3 ea.)	3108703.020	1/4" Terminals

GENERAL INSTRUCTIONS

All field wiring modification should be made in compliance with the 1990 ANSI/NFPA 70 N.E.C. and 1987 ANSI A119.2 for Recreational Vehicles.

⚠ WARNING

THIS UNIT MUST BE SERVICED BY A QUALIFIED TECHNICIAN. MODIFICATION OF THE APPLIANCE CAN BE EXTREMELY HAZARDOUS AND COULD LEAD TO SERIOUS INJURY OR DEATH.

READ INSTRUCTIONS ENTIRELY BEFORE INSTALLING.

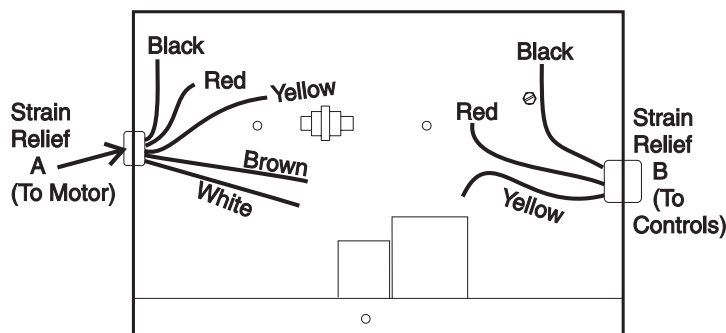
A. Turn power off to the air conditioner at circuit breaker.

1. If the motor received is the same as the original, use existing motor bracket and capacitor, replace as previously installed.

The brackets and fan/run capacitor **MUST BE CHANGED IF THE NEW MOTOR IS NOT AN EXACT REPLACEMENT**. If the brackets are not replaced, the wheels can rub. If the capacitor is not replaced, the motor can overheat, fail to start, run slow, etc., which may cause lack of cooling or air conditioner failure.

B. Wiring Removal

1. Remove Brown (or Blue) and White wires from run capacitor.



2. Cut Black, Red and Yellow motor wires 6" to 8" from strain relief (B). NOTE: Some models will have terminals connected on circuit board.
3. Remove strain relief (A). Pull motor wires out toward motor.
4. Remove motor.

C. Wiring Installation

1. Replace motor. Run wires into electrical box and insert wires into strain relief (A). Replace strain relief.
2. Reconnect Brown (or Blue) and White motor wires to the same position on capacitor as removed.
3. Cut Black, Red and Yellow motor wires to approximate length to connect to same color wires from strain relief (B). NOTE: Models with circuit boards, proceed to Step 5.
4. Strip each Black, Red and Yellow wire 3/4". Twist Black to Black, Red to Red, and Yellow to Yellow with wire nut and tape. Proceed to Steps 8 & 9.
5. Route the wire to the proper connection point and cut to length.
6. Strip end and crimp on 1/4" terminals.
7. Connect wire to proper location.
8. Check all connections for proper installation and replace electrical box cover.
9. Turn breaker back on and test unit for proper operation.

REVISION

Form No. 3106335.031 2/97 (Replaces 3106335.023)

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