

CAPACITOR INSTALLATION INSTRUCTIONS

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Description

The following instructions are for installing a canister style capacitor in place of the original matchbox style capacitor on an Amana® brand PTAC.


Tools Needed:

1/4 Inch Nut Driver
Needle Nose Pliers


Kit/Components:

(1) Capacitor
(1) Mounting Bracket
(1) Rubber Boot
(2) Terminal Reducers

Installation

 **WARNING**

HIGH VOLTAGE!
DISCONNECT ALL POWER BEFORE SERVICING OR INSTALLING THIS UNIT. MULTIPLE POWER SOURCES MAY BE PRESENT. FAILURE TO DO SO MAY CAUSE PROPERTY DAMAGE, PERSONAL INJURY OR DEATH.



1. Disconnect power to the unit by unplugging the power cord from the outlet or subbase or disconnecting power at the **fuse box or circuit breaker**.
2. Remove the front cabinet from the chassis by tilting the bottom of the front forward, lifting slightly up and forward.

Capacitor Installation

3. Remove the two 1/4 inch screws on each side of the touch pad and lay touch pad back, Figure 1

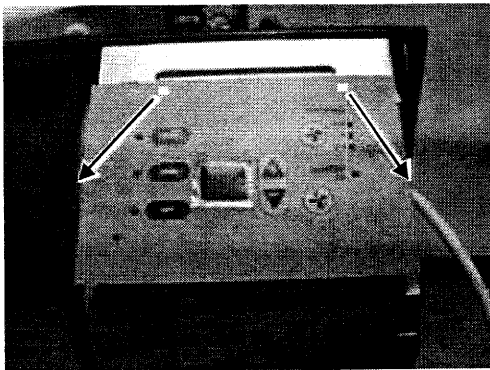


Figure 1

4. Remove the 1/4 inch screw from the right side of the control panel and the control panel will hinge forward, Figure 2.

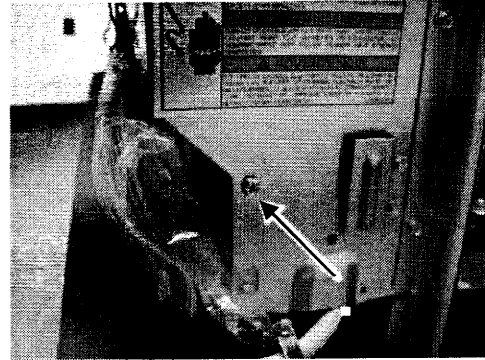


Figure 2

5. Using your needle nose pliers remove the two wires from the capacitor, then using the 1/4 inch nut driver remove the 1/4 inch hex head screw from the capacitor and remove the old capacitor, Figure 3.

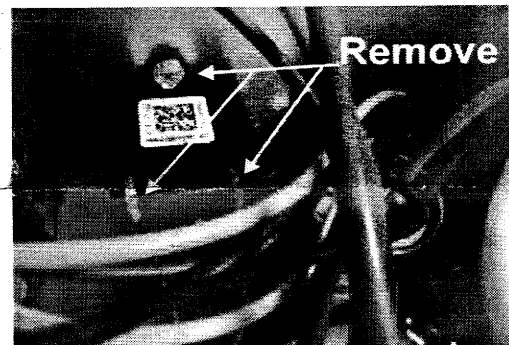


Figure 3

6. Remove the rubber boot from the new capacitor and verify the 1/4 inch to 3/16 inch reducing terminals are installed on the capacitor, Figure 4.

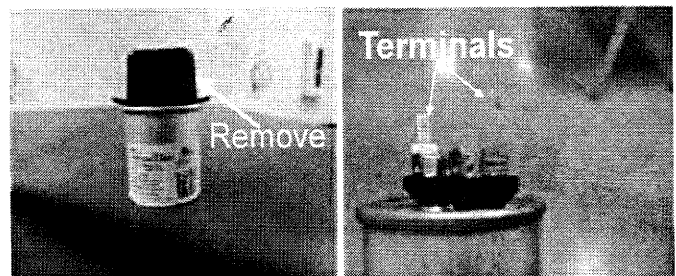


Figure 4

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7. Route the capacitor wires through the holes in the rubber boot, Figure 5 A, and reattach the wires to the capacitor. Figure 5 B.

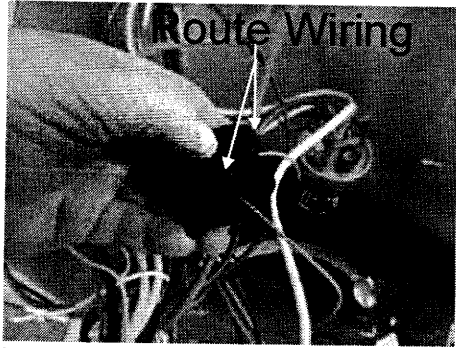


Figure 5 A

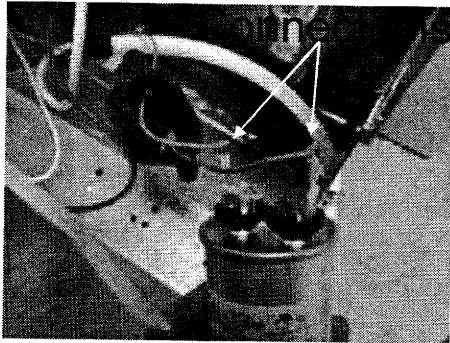


Figure 5 B

8. Secure the rubber boot to the capacitor, Figure 6 A and install the clamp provided with the kit on the capacitor, Figure 6 B.



Figure 6 A

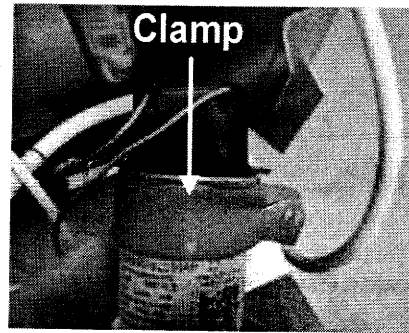


Figure 6 B

9. Locate the pre-drilled hole in the partition panel next to the dual capacitor, Figure 7 A, and secure the new capacitor to the partition panel using the 1/4 inch hex head screw removed in step 5, Figure 7 B.

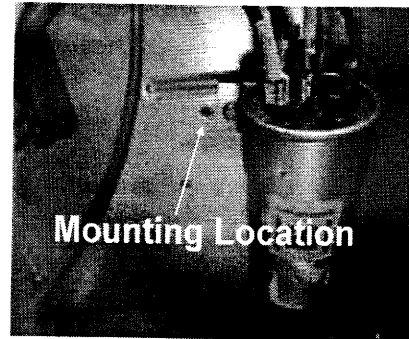


Figure 7 A

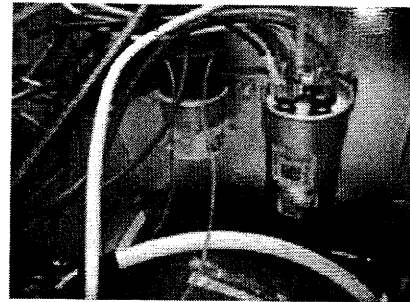


Figure 7 B

10. Reassemble the unit in reverse order.
11. Restore power to the unit and check proper unit operation (cooling and/or heating).