



INSTRUCTIONS FOR INSTALLATION OF 3310727.015 COMPRESSOR START ASSIST UPGRADE KIT

The 3310727.015 Compressor Start Assist Kit
Contains:
1 ea. Compressor Motor Starter
1 ea. Foam Block
1 ea. Capacitor Strap
1 ea. Screw,
1 ea. Instructions

PROCEDURE FOR INSTALLING COMPRESSOR START ASSIST UPGRADE KIT

A. GENERAL INSTRUCTIONS

1. Product features or specifications as described or illustrated are subject to change without notice.

B. PRECAUTIONS

1. Read and understand Installation and Operating instructions before attempting to start your air conditioner/heat pump installation.

WARNING

These instructions must be read and understood before installation of this kit. This kit must be installed by a Dometic Service Center or a qualified service technician. Modification of this product can be extremely hazardous and could result in personal injury or property damage.

2. Dometic, LLC will not be liable for any damages or injury incurred due to failure in following these instructions.
3. Installation must comply with the National Electrical Code and any State or Local Codes or regulations.

WARNING

Improper installation may damage equipment, could endanger life, cause serious injury and/or property damage.

4. DO NOT add any devices or accessories to this Dometic appliances except those specifically authorized by Dometic.
5. This Dometic appliance must be serviced by qualified personnel and some states require these people to be licensed.

C. PROCEDURE

1. Disconnect all 120 VAC and 12 VDC power to the unit.

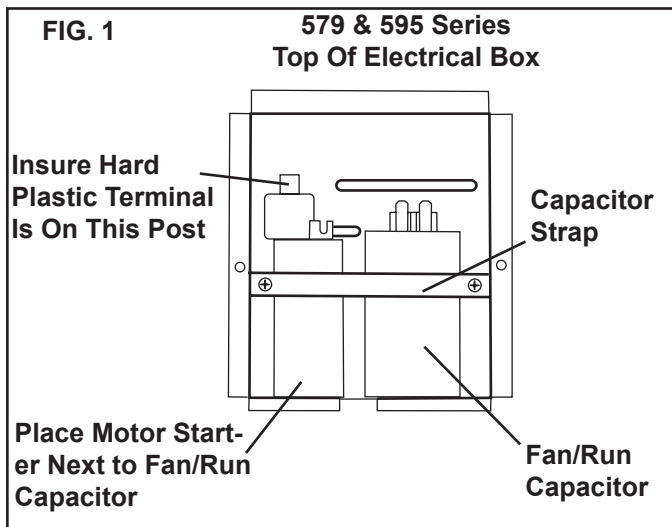
WARNING

Disconnect 120 volt AC and 12 volt DC. Failure to follow these instructions could create a shock hazard causing death or severe personal injury.

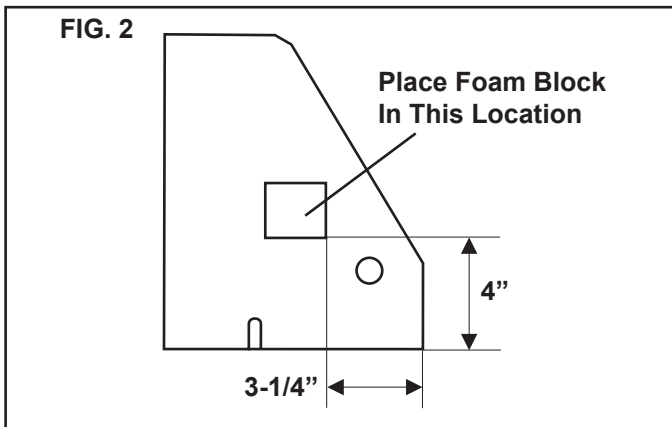
2. Remove shroud from the unit, saving the screws.
3. Remove the electric box assembly from the side of the evaporator bulkhead.
4. Remove capacitor strap that secures the fan-run capacitor in the electrical box, save the screw. (This step does not apply to the 591XX series heat pump models.)
Model series 591XX proceed to step 9.
5. Attach one end of the new capacitor strap to the box using the same screw hole and existing screw to secure it in place.
6. Place the compressor motor starter next to the fan-run capacitor and wrap the strap around both components. Select a strap hole to install the second screw insuring the capacitors are securely held in place, but not deformed when the screw is installed. See FIG. 1.

REVISION A

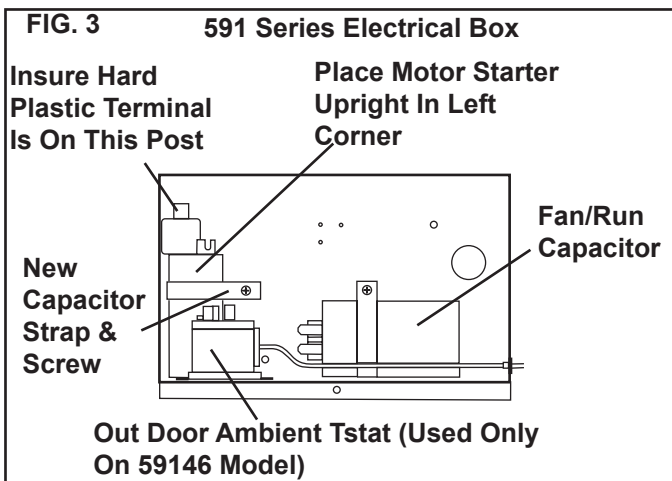
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7. Place the foam block on the side of the evaporator bulkhead as shown. (Not used on 591 Series) See FIG. 2.

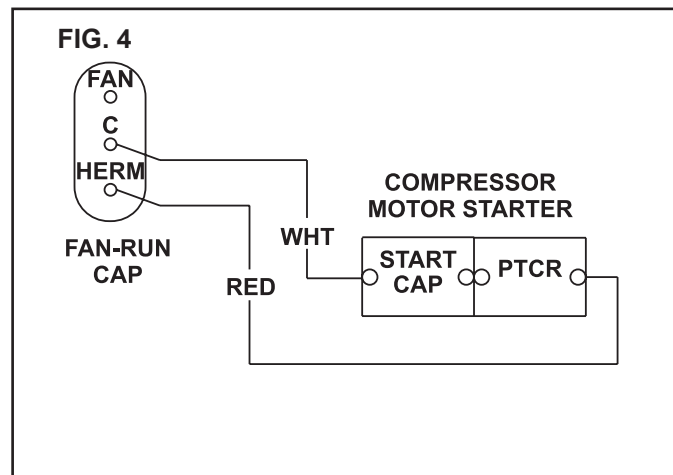


8. Proceed to step 11.
Model 579XX & 595XX series skip steps 9, 10 & 11.
9. On 591XX series wrap the capacitor strap around the compressor motor starter and place in the left hand corner of the electrical box, opposite from the fan-run capacitor. Make sure the terminals are up. See FIG. 3.



Important: Make sure the hard insulated flag terminal on the "RED" wire, (supplied) and is located on the top terminal of the compressor motor starter. This will prevent the terminal from shorting to the electrical box.

10. Models 591XX series using the screw provided, secure both ends of the strap in the electrical box.
11. On all models attach the RED wire from the compressor motor starter to the "HERM" terminal of the fan-run capacitor. See FIG. 4.



12. Attach the WHITE wire from the compressor motor starter to the "C" terminal of the fan-run capacitor. See FIG. 4.
13. Visually check all wiring. Make sure all connections are correct, tight and not touching each other.
14. Reinstall electric box or cover opposite of removal (Depending on model).
15. Replace shroud.
16. Restore all AC and DC power supplies.
17. Test operation per unit's operating instructions.
18. If assistance is required, contact Dometic:

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