

3108709.100

FURNACE RELAY KIT

INSTRUCTIONS

KIT CONSISTS OF:					
(1 ea.)	2930385.006	Relay	(1 ea.)	310359.001	Self Drilling Screw
(2 ea.)	303937.764	Blue Wire	(2 ea.)	303937.767	Orange Wire
(1 ea.)	3109186.001	Instructions	(5 ea.)	20009.002	Wire Nuts
TOOLS REQUIRED:					
Screwdriver		Wire Cutter/Stripper			

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 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.

READ INSTRUCTIONS ENTIRELY BEFORE INSTALLING

A. Turn all AC and DC power off to the air conditioner and furnace.

B. Locate the relay box in the ceiling opening under the air conditioner.

Note: Some models have the controls located under the outside shroud.

C. WIRING REMOVAL

1. Disconnect the DC power (red and black wires) from the control box.
2. Disconnect the coach furnace leads from the two blue wires off the control box.

D. Locate the relay in the ceiling opening and secure with the self drilling screw.

Note: The relay must be mounted in a place where the screw will not pierce other wires or refrigerant lines.

E. WIRING THE RELAY

1. Connect the blue wire on terminal 85 of the relay to one of the blue wires off the control box (can use either blue lead on control box).
2. Connect the blue wire on terminal 86 of the relay to the coach negative DC lead and the negative black lead on the control box.
3. Connect the red and blue lead on the control box to the positive DC lead.
4. Connect one orange wire to the thermostat wire from the furnace. Connect the remaining orange wire to the other furnace thermostat wire. See FIG. 1.
5. Turn on all AC and DC power to the air conditioner and furnace. Test operation of the unit per the operators manual.

FIG. 1

