



# SERVICE INSTRUCTIONS for 3310328.000 Heater Kit

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## ⚠ WARNING

This manual must be read and understood before installation, adjustment, service, or maintenance is performed. This unit must be installed by a qualified service technician. Modification of this product can be extremely hazardous and could result in personal injury or property damage.

## ⚠ AVERTISSEMENT

Lire et comprendre ce manuel avant de procéder à l'installation, à des réglages, de l'entretien ou des réparations. L'installation de cet appareil doit être effectuée par un réparateur qualifié. Toute modification de cet appareil peut être extrêmement dangereuse et entraîner des blessures ou dommages matériels.

## SERVICE INSTRUCTIONS

**3310328.000  
Heater Kit**



## SAFETY INSTRUCTIONS

This manual has safety information and instructions to help users eliminate or reduce the risk of accidents and injuries.

### RECOGNIZE SAFETY INFORMATION



This is the safety-alert symbol. When you see this symbol in this manual, be alert to the potential for personal injury.

Follow recommended precautions and safe operating instructions.

### UNDERSTAND SIGNAL WORDS

A signal word, **WARNING** OR **CAUTION** is used with the safety-alert symbol. They give the level of risk for potential injury.

**⚠ WARNING** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

**⚠ CAUTION** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

**CAUTION** When used without the safety alert symbol indicates, a potentially hazardous situation which, if not avoided, may result in property damage.

Read and follow all safety information and instructions.

## GENERAL INSTRUCTIONS

### ⚠ 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.

#### A. Tools Required:

Phillips screw driver  
5/16" Nut Driver  
Needle Nose Pliers

#### B. Heater Kit contains:

3103778.001 Heater  
3104568.005 limit  
307987.001 Screw, 10-24x3/8"  
3310330.000 Instructions

C. This Heater Kit is intended for repair or replacement of a factory installed heat kit. The heater kit should not be added to air conditioners that are manufactured without heat strips.

### CAUTION

**Disconnect the positive (+) 12 volt DC terminal at the supply battery. Damage to equipment could occur if the 12 volt DC is not shut off.**

### ⚠ WARNING

**Disconnect 120 Volt AC. Failure to follow these instructions could create a shock hazard causing death or severe personal injury.**

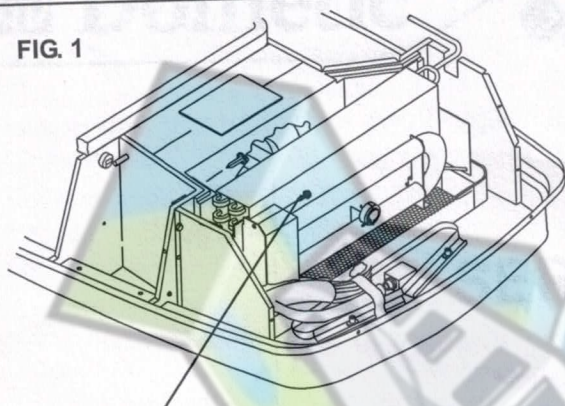
D. Before testing or replacement of the heater, disconnect the positive battery terminal and the 120 VAC power supply to the Coach.

## REMOVAL OF HEATER ASSEMBLY

- Remove outside shroud to expose the evaporator housing.
- Remove the screws in the evaporator cover. Then remove cover.
- Remove screw attaching existing heater assembly to the bulkhead. See Fig. 1.
- Lift up and slide the rod out of the hole.

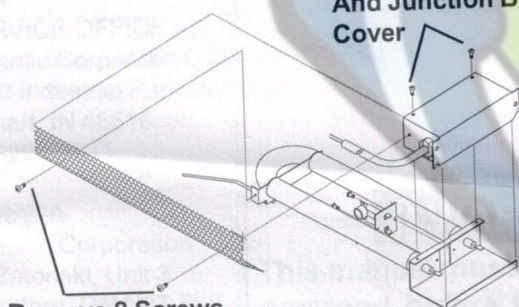


FIG. 1



Remove Screw Holding Heater To The Bulkhead

FIG. 2



Remove 2 Screws And Junction Box Cover

Remove 2 Screws And Mesh Screen

- D. Make sure the wires are away from the heater element and install the junction box cover on the heat element mounting plate. Secure with the two blunt point phillips screws.
- E. Replace the mesh shield on the heater assembly with the two screws removed in the previous step "F".
- F. Insert the rod into the hole on the left side of the coil and install screw shown in Fig. 1.
- G. Replace evaporator cover and screws.
- H. Replace Shroud and screws.
- I. Restore 12 VDC and 120 VAC to coach.
- J. Test Operation of the unit per air conditioners Installation and Operating Instructions or User's Guide.

- E. Lay the defective heater assembly as shown in Fig. 2.
  - F. Remove the two screws attaching the mesh shield to the bottom of the assembly. See Fig. 2.
  - G. Remove the two screws holding the junction box cover to the heater element. See Fig. 2.
- Note:** Remember the wire connection points and color.
- H. Disconnect the main black and white wire off the limit switch and heater element. See Fig. 2.
  - I. Remove Black jumper wire from limit and heater terminal.

## INSTALLATION OF NEW HEATER ASSEMBLY

- A. Connect the short Black jumper wire removed in step "I". Connect the insulated flag terminal to one terminal on the limit switch. Connect the remaining end of the black jumper wire to the heating element terminal.
- B. Connect the Black wire from the junction box to the blank terminal on the limit.
- C. Connect the White wire from the junction box to the limit.