

Compressor and Evaporator Replacement Kit

Model 3313470.155
Refrigerator Model DMH1072

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 **Read these instructions carefully. These instructions MUST stay with this product.**
Dometic Corporation reserves the right to modify product appearances and specifications without notice.

IMPORTANT SAFETY INSTRUCTIONS AND DOCUMENT SYMBOLS

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

A. Recognize Safety Information



This is the safety alert symbol. It is used to alert you to potential physical injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

B. Understand Signal Words

A signal word will identify safety messages and property damage messages, and will indicate the degree or level of hazard seriousness.

⚠ WARNING indicates a hazardous situation that, if **NOT** avoided, could result in death or serious injury.

⚠ CAUTION indicates a hazardous situation that, if **NOT** avoided, could result in minor or moderate injury.

NOTICE is used to address practices **NOT** related to physical injury.

C. Supplemental Directives



Read and follow all safety information and instructions to avoid possible injury or death.
Read and understand these instructions before [installation / use / service / maintenance] of this product.
Incorrect [installation / operation / service / maintenance] of this product can lead to serious injury.
The installation **MUST** comply with all applicable local or national codes, including the latest edition of the following standards:

U.S.A.

- ANSI/NFPA70, National Electrical Code (NEC)
- ANSI/NFPA 1192, Recreational Vehicles Code

CANADA

- CSA C22.1, Parts I & II, Canadian Electrical Code
- CSA Z240 RV Series, Recreational Vehicles



Indicates additional information that is not related to physical injury.

D. General Safety Messages

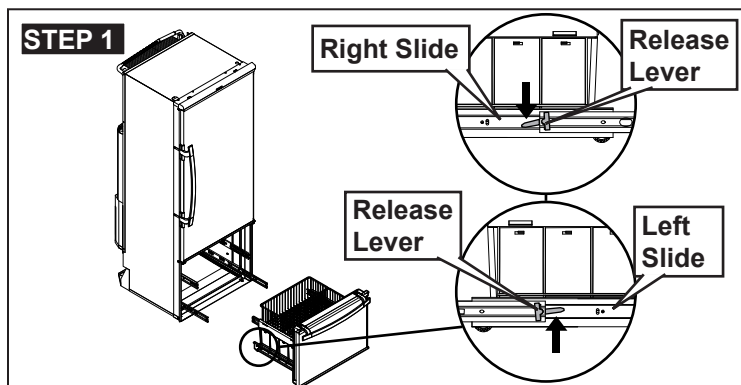
⚠ WARNING FIRE OR ELECTRICAL SHOCK HAZARD. Make sure there are no obstacles (wires, pipes, etc.) inside RV's [roof / floor / walls]. Shut off gas supply, disconnect 120 Vac power from RV, and disconnect positive (+) 12 Vdc terminal from supply battery before drilling or cutting into RV. Failure to obey these warnings could result in death or serious injury.

GENERAL INFORMATION

REQUIRED TOOLS	
Drill	Long Nose Pliers
21 mm Open End Wrench	Torque Wrench
24 mm Open End Wrench	

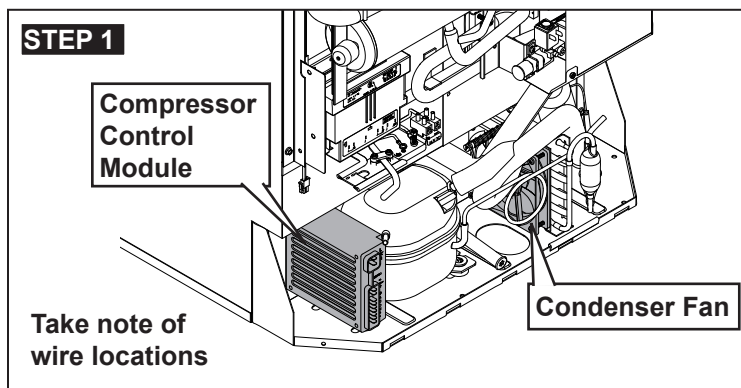
PREPARATION

A. Removing The Freezer Drawer



INSTALLATION

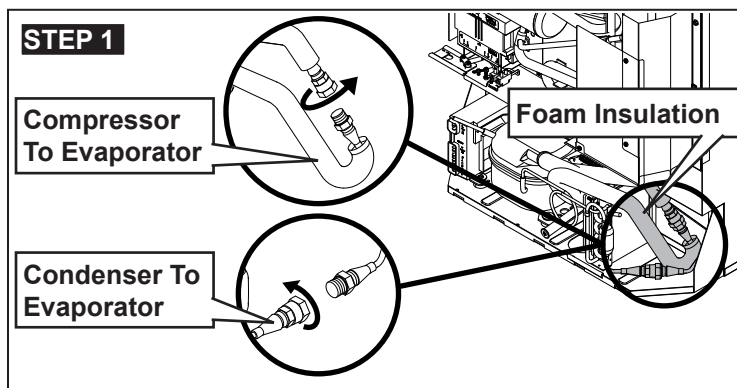
A. Disconnecting The Compressor Wires



! Refrigerants **MUST** be recovered/recycled by a licensed technician who is EPA certified in refrigerant recovery and recycling procedures. Disposal **MUST** comply with all applicable local and national codes.

- i** See STEP 1 on page 5 for specific wiring locations.
- Disconnect the compressor control module wires.
 - Disconnect the red wire leading to the condenser fan.

B. Disconnecting The Compressor Connection Fittings

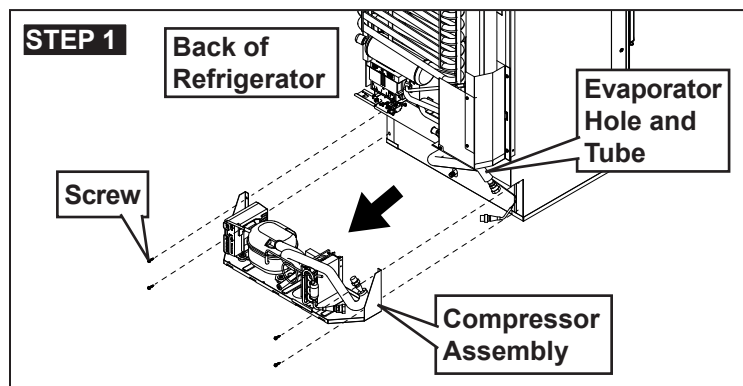


- Remove the foam insulation covering the connection fittings.
- Disconnect each of the connection fittings by holding one side of the coupling with a 21 mm wrench and turning the opposite side with a 24 mm wrench.

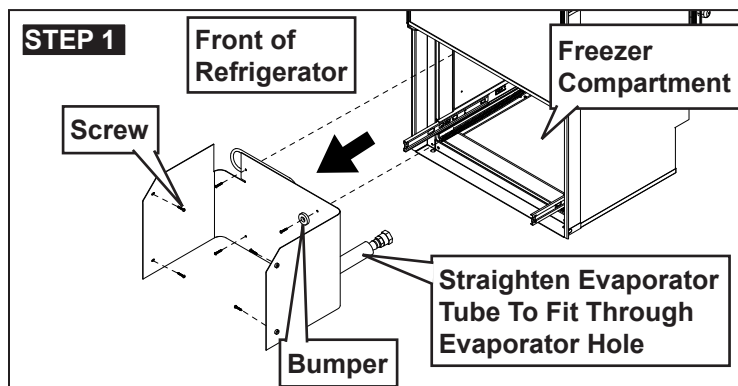
- i** During re-installation, tighten the 24 mm coupling nut until the coupling halves “bottom out” or a definite resistance is felt. This requires six full turns. If using a torque wrench, tighten the coupling nut to 10-12 foot pounds. Otherwise, tighten the coupling nut by an additional 1/8 to 1/4 turn.

INSTALLATION

C. Removing The Compressor



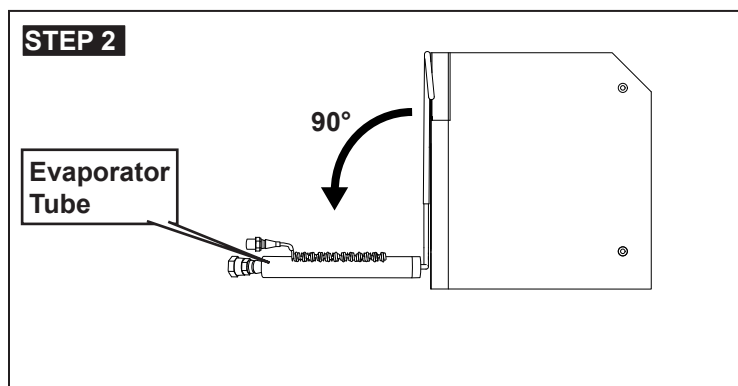
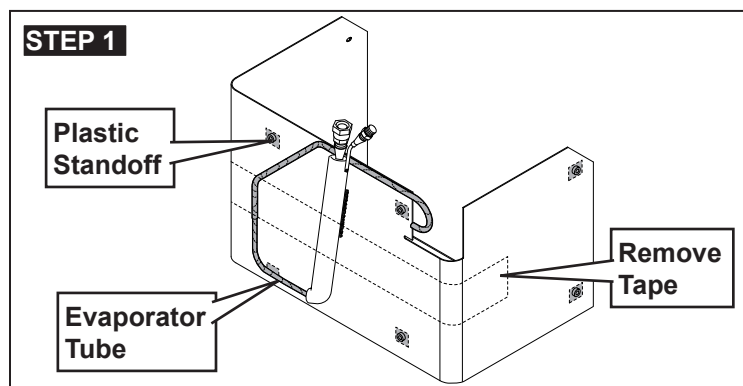
D. Removing The Evaporator



- From the back of the refrigerator unit, remove the putty from around the evaporator tubes. Save the putty for use during re-installation.

i Save bumper for re-installation. During re-installation, attach the bumper with the top right screw on the rear face of the evaporator.

E. Installing The Evaporator



- Remove the tape holding the evaporator tubes upright but do not remove the plastic wrap covering the evaporator tubes.
- Leave the tape covering the eight plastic standoffs.

- Feed the evaporator tubes through the evaporator hole in the back of the freezer compartment.
- To attach the evaporator, refer to "D. Removing The Evaporator" on page 4 for screw alignment. Prior to attachment, carefully bend the evaporator tubes to position the tubes for reconnection.
- Remove the plastic wrap from the evaporator tubes. Do not remove the tape covering the eight plastic standoffs.
- Replace the putty around the evaporator hole.
- Replace the foam insulation over the compressor to evaporator connection.

INSTALLATION

F. Installing The Compressor

- To install the compressor, refer to “A. Disconnecting The Compressor Wires” on page 3, “B. Disconnecting The Compressor Connection Fittings” on page 3, and “C. Removing The Compressor” on page 4 for proper alignment, reconnection information, and wiring information.

