

**3309191.009
Cold Control
Kit
Service Instructions**

USA
SERVICE OFFICE
Dometic Corporation
509 South Poplar Street
LaGrange, IN 46761
260-463-4858

CANADA
Dometic Distribution
866 Langs Drive
Cambridge, Ontario
CANADA N3H 2N7
519-653-4390

For Service Center
Assistance Call:
800-544-4881

! 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.

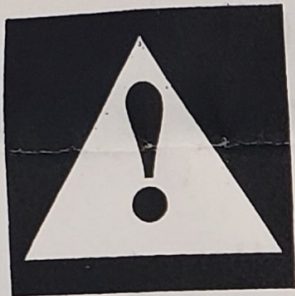
SERVICE INSTRUCTIONS

**3309191.009
Cold Control
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. Product features or specifications as described or illustrated are subject to change without notice.

B. Tool Required:

Wire Strippers Crimping Tool
Screw Drivers Wire Cutter

C. Contents of Kit:

1 ea 3309226.003 Instructions
1 ea 3309190.001 Switch
1 ea 3309224.008 Spring Clip
3.5" 311734.000 Foam Tape
2 ea 3309256.000 Butt Connectors

INSTALLATION INSTRUCTIONS

A. Precautions

1. Read instructions carefully before attempting to start installation.
2. Dometic Corporation 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.
4. This equipment must be installed by qualified personnel and some states require these people to be licensed.

WARNING

Disconnect 115 volt AC. Failure to follow these instructions could create a shock hazard causing death or severe personal injury.

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.

B. Switch Removal

1. Disconnect all 120VAC and 12VDC power sources at the breakers.

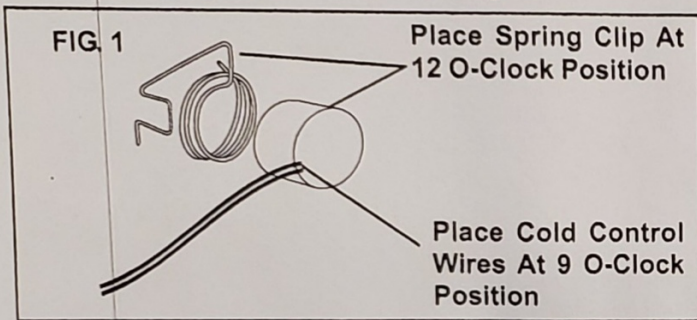
2. Remove outside shroud.
3. Remove evaporator bulkhead cover to expose coil.
4. Locate cold control clipped onto the evaporator coil turn bends.

Note: The cold control can be on either the left or right side turn bends depending on model.

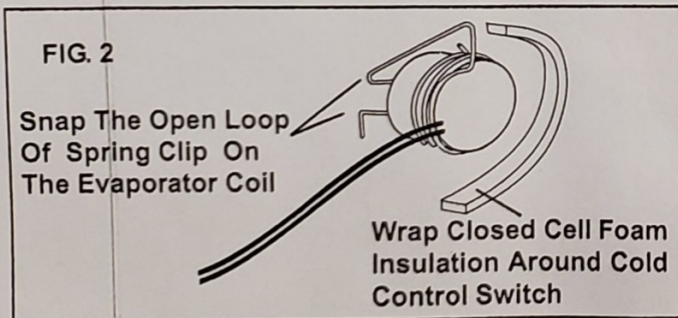
5. Remove cold control from the turn bends of the evaporator coil.
6. Cut off wires leaving about 1" on the cold control switch.
7. Strip 1/2" of insulation off the remaining old cold control wires.

C. Switch Replacement

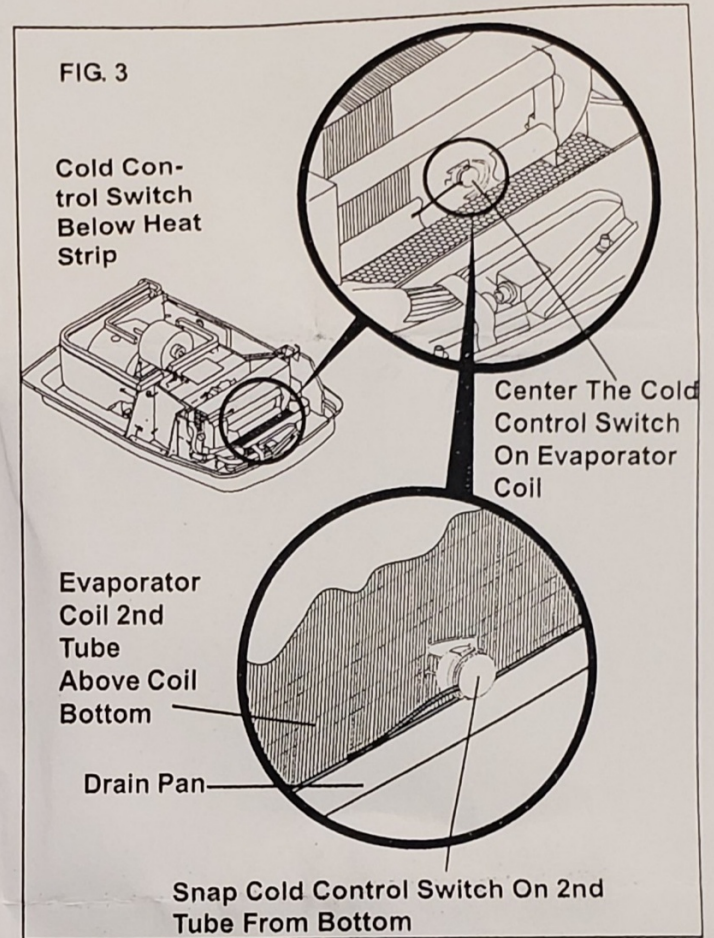
1. Slide the spring clip onto the new cold control switch.
2. Position the spring clip on switch with the cold control wire leads at the 9 o'clock position and the spring clip at 12 o'clock. See Fig. 1.



3. Wrap the 1/4" x 1/2" x 3-1/2" closed cell foam insulation around the cold control switch. See FIG. 2.



4. Strip 1/2" of insulation from the leads of the new cold control switch. Using butt connectors supplied in the kit, attach the leads to the stripped ends of the remaining wire leads off the old cold control.
5. Place the cold control switch on the second refrigerant tube from the bottom in the center of the evaporator coil. Make sure the spring clip is fastened securely to the tubing and the cold control surface is making contact with aluminum fins on evaporator coil. See FIGS. 2 & 3.
6. Keep wires away from heat strip (if applicable) and sharp edges to prevent damaging the wires. Use wire ties if necessary.



7. Replace evaporator bulkhead cover making sure all air leaks are sealed.
8. Replace outside shroud.
9. Reconnect all 120VAC and 12VDC power sources at the breakers.
10. Operation of unit will remain the same as described in the operating manual.