



RECORD THIS INFORMATION FOR FUTURE
REFERENCE:

Date Installed _____

Installed By _____

Product Serial Number _____

SERVICE INSTRUCTIONS

3309518.003
12" SHROUD REPLACEMENT KIT



**Read these instructions carefully. These
instructions MUST stay with this product.**

REVISION A

Form No. 3315723.000 01/17
(French 3315724.000_A)
©2017 Dometic Corporation
LaGrange, IN 46761

USA

SERVICE OFFICE
Dometic Corporation
1120 North Main Street
Elkhart, IN 46514

CANADA

Dometic Corporation
46 Zatonski, Unit 3
Brantford, ON N3T 5L8
CANADA

SERVICE CENTER & DEALER LOCATIONS

Please Visit:
www.eDometic.com

INTRODUCTION

This kit is designed for and may only be installed on Dometic air conditioner/heat pumps (hereinafter referred to as “unit”, or “product”). The 3309518.003 closed end shroud kit is designed to replace an open end shroud on units with a low profile base pan and both open and closed end shrouds on units with a high profile base pan. Shroud extension is not used on high profile base pan units. All necessary parts are included to perform this exchange.

Installation can take place prior to or after the unit is installed. Use these instructions to ensure a properly installed, and properly functioning product.

Dometic Corporation reserves the right to modify appearances and specifications without notice.

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DOCUMENT SYMBOLS



Indicates additional information that is **NOT** related to physical injury.



Indicates step-by-step instructions.

IMPORTANT SAFETY INSTRUCTIONS

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 [installing / using / servicing / performing maintenance on] this product.

Incorrect [installation / operation / servicing / maintaining] of this product can lead to serious injury. Follow all instructions.

D. General Safety Messages

⚠ WARNING Failure to obey the following warnings could result in death or serious injury:

- This product **MUST** be [installed / serviced] by a qualified service technician.
- Do **NOT** modify this product in any way. Modification can be extremely hazardous.
- Do **NOT** modify this product beyond the scope of these service instructions. Modification (beyond these service instructions) can be extremely hazardous.
- Do **NOT** add any devices or accessories to this product except those specifically authorized in writing by Dometic Corporation.

⚠ CAUTION CUT HAZARD. Wear protective gloves while handling or working near sheet metal components. Sheet metal parts could have sharp edges. Failure to obey this caution could result in injury.

GENERAL INFORMATION

A. Scope Of Delivery

- (1) 3309323.0XX Shroud, Closed End
 - *(1) 3102812.017 Extension, Shroud Formed
 - *(14)308171.006 Rivet, Expanding
 - *(14)309513.033 Washer, Steel
 - (12) 313685.005 Screw, THCR S10-16 x .50"
 - (2) 3102834.003 Screw, TH Shoulder #10-16 x 1.41"
 - (1) 3308083.009 Tape, Foam .5" x .75" x 25"
 - (2) 3102669.037 Tape, Foam 1.25" x .75" x 11.00"
 - (1) 3315723.XXX Service Instructions
- * Use with low profile base pan unit only

B. Tools

- #2 Phillips Screwdriver / Bit
- Electric Drill (optional)
- Diagonal Cutters
- Riveting Tool

PROCEDURE

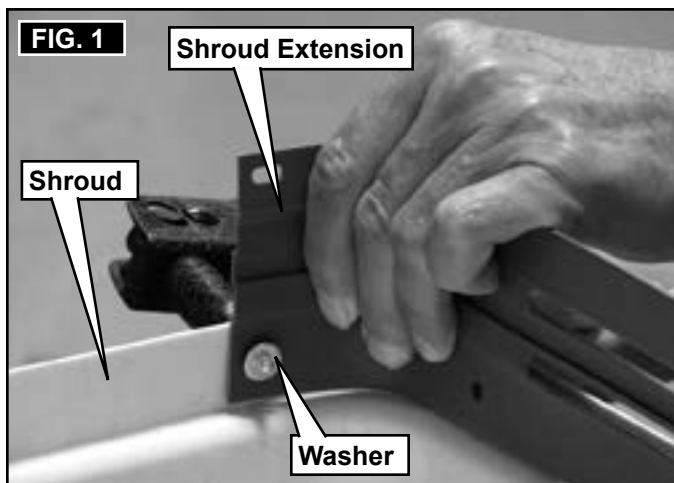
A. Install Shroud Extension (Units With Low Profile Base Pan Only)

-  1. Place extension inside shroud and align one rear corner hole in shroud with corresponding rear corner hole in extension. See (FIG. 1).

 Do **NOT** install using the slotted holes in extension.

2. Start riveting at this point moving forward until all side rivets are installed. Place washer over rivet on inside of shroud extension and install rivet. See (FIG. 1), (FIG. 2) & (FIG. 3).

 Do **NOT** install front rivets at this time.



3. Move to the opposite rear corner and align hole in shroud with corresponding hole in extension.
4. Start riveting at this point moving forward until all side rivets are installed.
5. Move to the front and align holes in shroud with holes in extension and install rivets.

B. Disconnect Power Supplies

1.  **WARNING** ELECTRICAL SHOCK HAZARD. Disconnect 120 Vac power from RV. Failure to obey this warning could result in death or serious injury.

 **NOTICE** Disconnect the positive (+) 12 Vdc terminal from supply battery. Otherwise, damage to unit could occur.

C. Remove Old Shroud

1. Remove the fourteen (14) screws attaching the old shroud to the base pan and lift shroud off unit. If shroud is being installed on a unit with a closed end shroud there will only be four (4) screws.

D. Install New Closed End Shroud On Unit Previously Equipped With An Open End Shroud

 On some models the close-off plate may interfere and prevent the shroud from aligning with the screw holes in the base pan.

-  1. Remove the four (4) screws attaching the close-off plates to the coil. Flip end for end one turn, positioning the flange toward the front of the unit. Reattach the close-off plate with screws. See (FIG. 4).

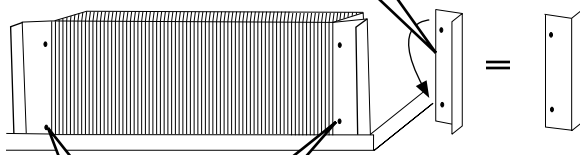
PROCEDURE

FIG. 4

Install Close-Off Plates With Flange Towards Front Of Unit

Flip End For End

Remove Screws 4X

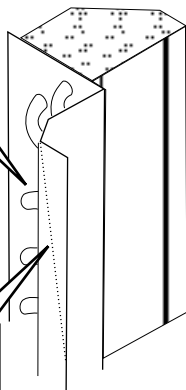


2. Some close-off plates are an integral part of the coil. In this case, trim the flange at a sharp angle that will allow the shroud to slide down to the base pan. See (FIG. 5).

FIG. 5

Condenser

Trim Flange At Sharp Angle



3. Apply supplied (.5" x .75" x 25") foam tape on top of coil cover. See (FIG. 6).

FIG. 6

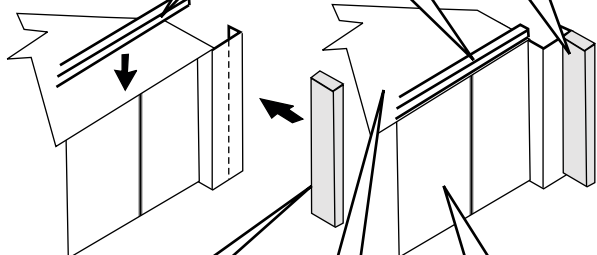
Apply Foam Tape

Foam Tape Installed

Apply Foam Tape

Coil Cover

Condenser Coil

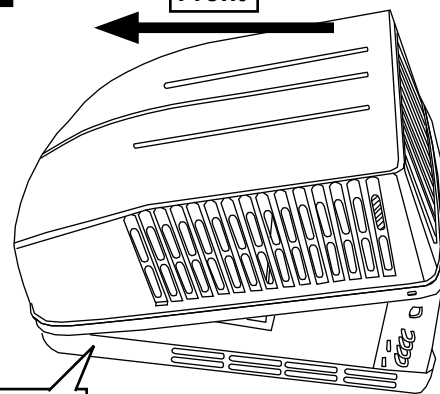


4. Apply two (2) pieces of 1.25" x .75" x 11" foam tape on close-off plates at both ends of coil. See (FIG. 6).
5. While holding new shroud at an angle, place it over front end (evaporator end) of unit. See (FIG. 7).

FIG. 7

Front

Base Pan



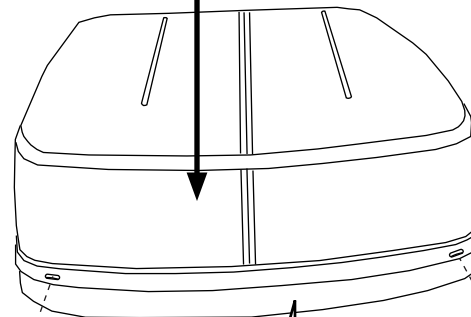
6. Allow back end of shroud to slide into position over condenser. The bottom edge goes on the outside of the base pan.
7. Move to front end and align the two holes in shroud with holes in base pan. Install two (2) #10 x 1/2" round head supplied screws through shroud and into base pan. See (FIG. 8). Do not tighten at this time. Aligning holes on right and left sides will be easier if not tight.

FIG. 8

Down

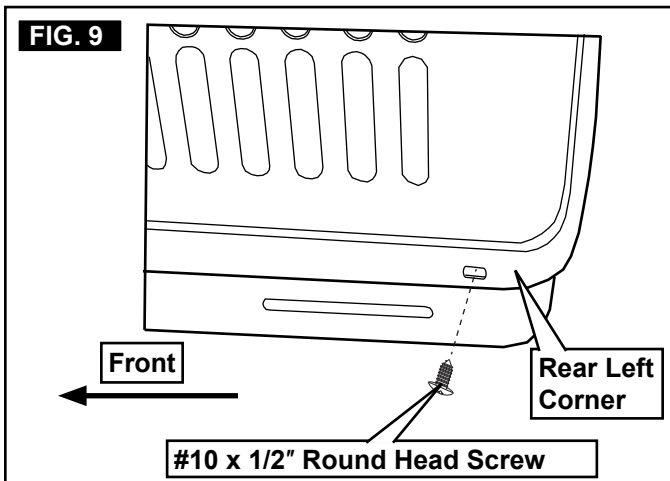
Base Pan

#10 x 1/2" Round Head Screw 2X



PROCEDURE

- Align hole in left rear corner of shroud with hole in base pan. Install one (1) #10 x 1/2" round head screw. See (FIG. 9). Do not tighten at this time.



- Move to the right rear corner and align hole in shroud with hole in base pan. It may be necessary to pry out on corner of shroud to align holes. Install one (1) #10 x 1/2" round head screw. Install remaining nine (9) #10 x 1/2" in round head screws on the left and right side. Tighten all screws at this time.
- Move to rear of unit and align holes in shroud with holes in condenser brackets. Install two (2) supplied #10-16 x 1.41" truss head shoulder screws.
- This completes the closed end shroud installation.

E. Install New Closed End Shroud On Unit Previously Equipped With A Closed End Shroud

- Follow Instructions from section B, C, and D (steps 5 to 9) to complete the installation of new closed end shroud.