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REFERENCE:

Date Installed _____
Installed By _____
Product Serial Number _____

SERVICE INSTRUCTIONS

PENGUIN

AIR CONDITIONER / HEAT PUMP

REAR MOTOR BRACKET WITH GROMMET REPLACEMENT INSTRUCTIONS

SERVICE KIT 3314471.018

COMPATIBLE MODELS			
Air Conditioner		Heat Pump	
641815C351(XX)	641835H751(XX)	650015C351(XX)	651816C851(XX)
641815C751(XX)	641835C851(XX)	650015C751(XX)	651916C351(XX)
641815H751(XX)	641835H851(XX)	651815H751(XX)	651916C751(XX)
641815C851(XX)	641915C351(XX)	650015C851(XX)	651916C851(XX)
641815H851(XX)	641915C751(XX)	651815H851(XX)	
641816C351(XX)	641915C851(XX)	651815C351(XX)	
641816C751(XX)	641916C351(XX)	651815C751(XX)	
641816H751(XX)	641916C751(XX)	651816H751(XX)	
641816C851(XX)	641916C851(XX)	651815C851(XX)	
641816H851(XX)	641935C351(XX)	651816H851(XX)	
641835C351(XX)	641935C751(XX)	651816C351(XX)	
641835C751(XX)	641935C851(XX)	651816C751(XX)	



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

REVISION A

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INTRODUCTION

This kit is designed for Penguin air conditioners (hereinafter referred to as “unit”, or “product”). It is not intended for and should not be used on any other models. 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.



The installation **MUST** comply with all applicable local and 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

IMPORTANT SAFETY 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 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.

GENERAL INFORMATION

A. Scope Of Delivery

- (1) Service Instructions
- (1) Rear Motor Bracket Assembly
- (1) Washer

B. Required Tools

- Electric Drill (optional)
- #2 Square Screwdriver / Bit
- 5/16" Hex Nut Driver / Bit
- 11/32" Wrench

PROCEDURE

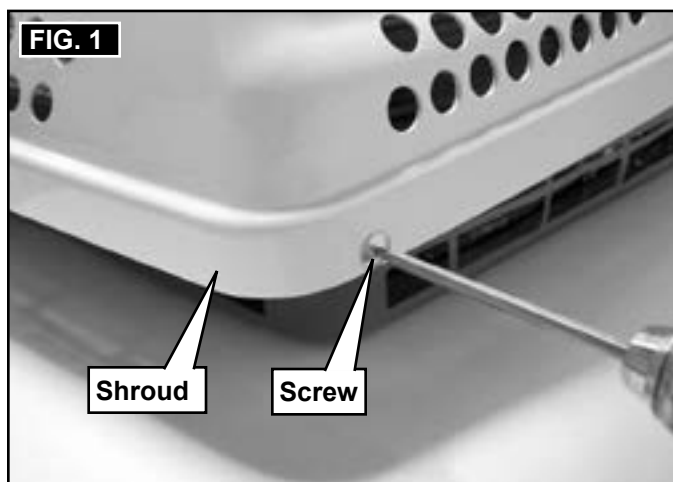
A. Remove OLD Rear Motor Bracket

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

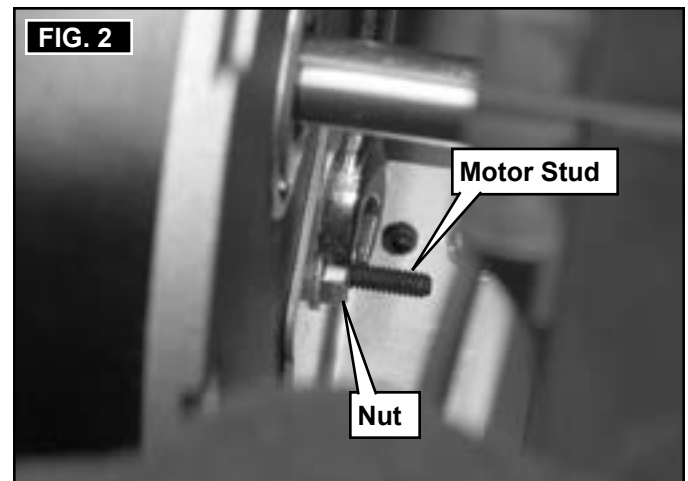
NOTICE Disconnect the positive (+) 12 Vdc terminal from supply battery. Otherwise, damage to unit could occur.

(i) If unit is **NOT** installed on RV and is disconnected from power, skip to step (2).

2. Remove shroud (with screws) from unit. Save for reinstallation later. See (FIG. 1).

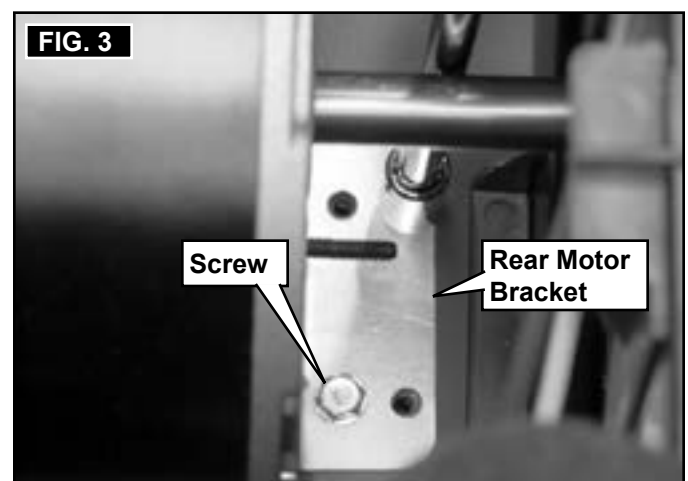


3. Remove nut from motor stud. Save for reinstallation later. See (FIG. 2).



4. Remove OLD rear motor bracket (with screws) from unit. See (FIG. 3).

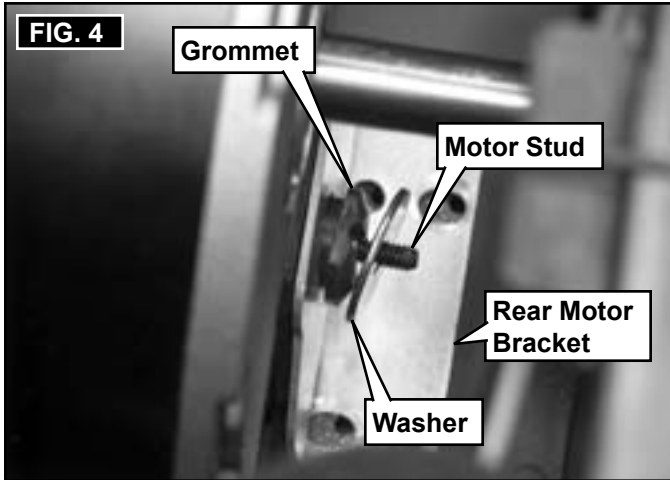
(i) Discard OLD bracket. Save screws for reinstallation later.



PROCEDURE

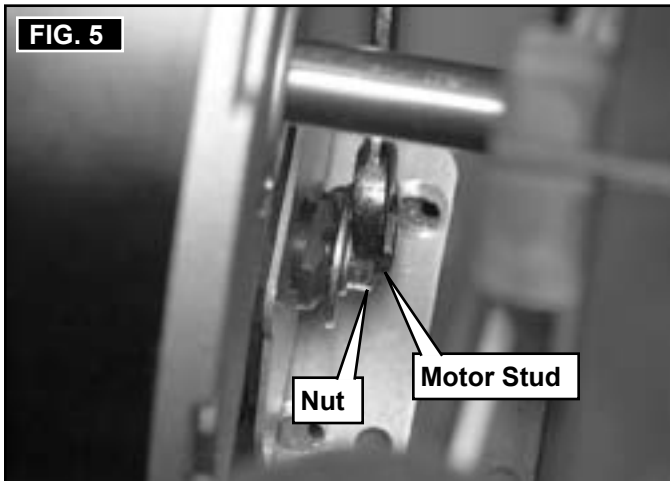
B. Install NEW Rear Motor Bracket (With Rubber Grommet)

-  1. Align grommet on NEW rear motor bracket with motor stud, and slide into place. Then place washer on motor stud. See (FIG. 4).

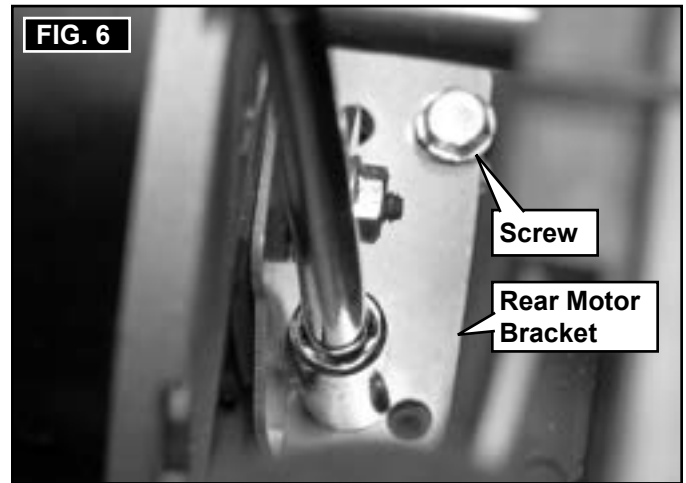


2. Reinstall nut on motor stud. See (FIG. 5).

 Tighten just enough so bracket is **NOT** loose.



3. Reinstall screws through rear motor bracket and into air conditioner's base pan. See (FIG. 6).



4. Tighten nut on motor stud. See (FIG. 5).

C. Complete Installation

-  1. Reinstall shroud (with screws) onto unit. See (FIG. 1).
2. Reconnect the positive (+) 12 Vdc terminal to supply battery, and 120 Vac power to RV.