

Power Channel Rail for Power Hardware

Model 3316622.001X – 2 FT

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DOCUMENT SYMBOLS

 Indicates additional information that is not related to physical injury.

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

REVISION B

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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

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.

NOTICE This product is for use with 12 Vdc only.

NOTICE This product is for use with Dometic Power Channel Accessories only.

GENERAL INFORMATION

INCLUDED HARDWARE	
(2) 308171.006 3/16" x 0.45" Rivets	(1) 3316119.XXX Wiring Harness
OPTIONAL COMPONENTS AND KITS	
(1) 3316022.000 Fan	(1) 3316023.000 Speaker
(1) 3316024.000 Light	
REQUIRED TOOLS	
Drill	Rivet Gun / Tool
#11 (0.191") Drill Bit	Measuring Tape
3/4" Drill Bit, Step Drill Bit, or Hole Saw	

PREPARE FOR INSTALLATION

A. Determining The Rail Location

⚠ WARNING IMPACT OR CRUSH HAZARD. Make sure mounting surface on front channel matches the curvature of the power channel rail, and will safely and securely support the product. Otherwise, product may become unstable and could [detach / bend / collapse]. Failure to obey this warning could result in death or serious injury.

1. Allow 29" (73.7 cm) of unobstructed surface for the power channel rail installation.
2. Rivets must be at least 2" (51 mm) away from the location of the pins on the front channel.

INSTALLATION

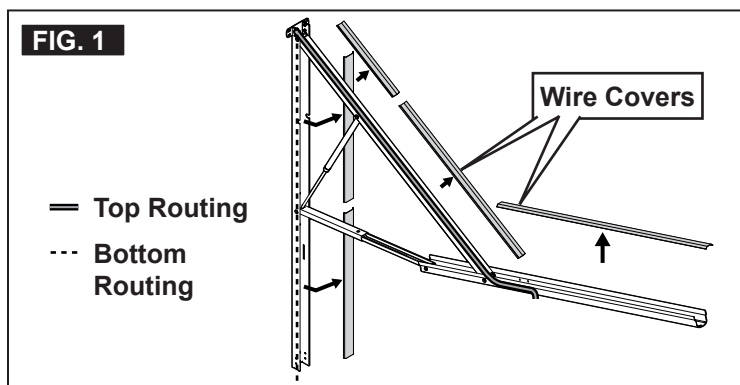
NOTICE Install (+) positive and (-) negative 12 volt wire (installer supplied) from the fuse panel to the preferred wire connection location. The (+) positive wire must be fused to a 15A circuit.

NOTICE Failure to obey the following notices could damage product or property:

- Disconnect the positive (+) 12 VDC terminal from the supply battery.
- **ALWAYS** seal the wiring against weather and moisture where the wiring enters the RV's [walls / roof / floor].
- Do **NOT** pinch the wiring or allow the wiring to rub against sharp edges. If the wiring is damaged, it **MUST** be replaced by a qualified service technician.

NOTICE Use a grommet (installer supplied) or equivalent protection when routing wire through the RV's [roof / floor / walls].

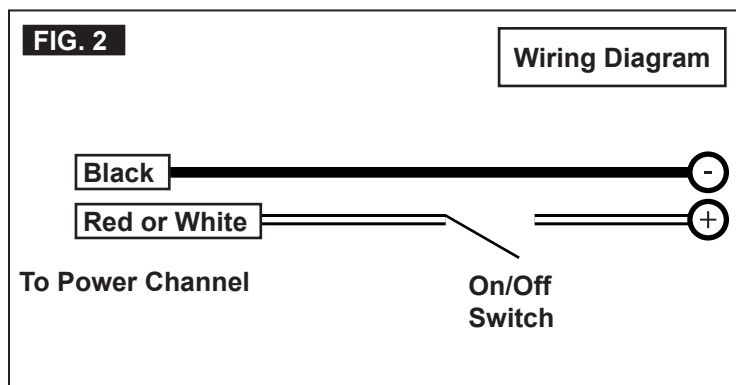
A. Removing The Wire Covers And Routing The Wire Harness



- Remove the top three wire covers for top routing or all five wire covers for bottom routing, and route wires as shown.

i Ensure the wires are properly routed as the wrong routing path can cause [pinched / damaged / broken] wires. Reference the wire routing path of the motor wire as this is the correct path.

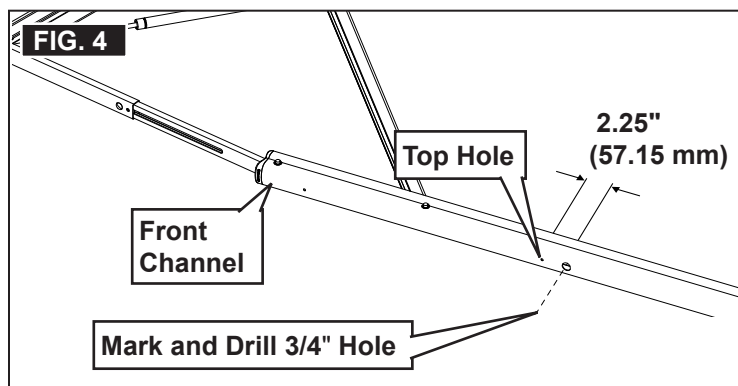
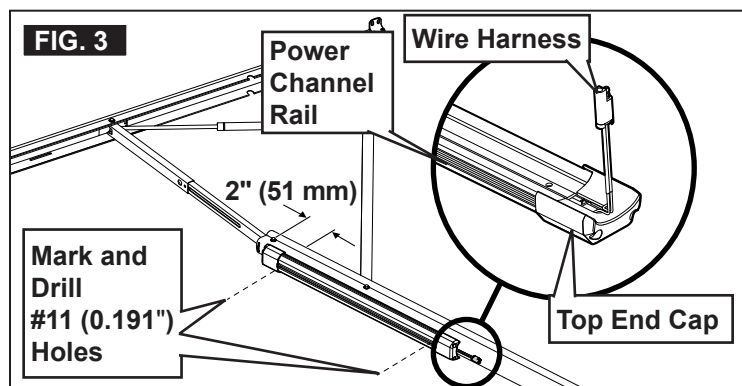
B. Connecting The Wire Harness To The RV Wiring



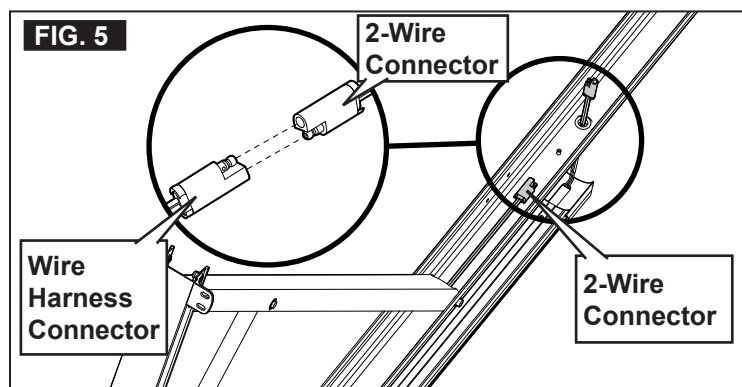
INSTALLATION

C. Preparing The Front Channel

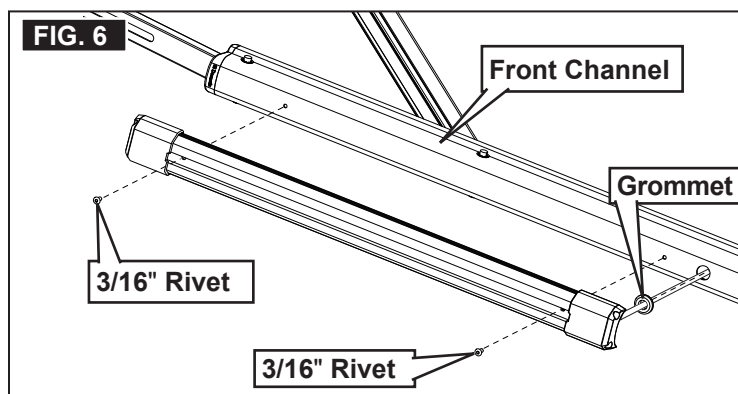
-  Make sure existing wires are clear before drilling holes.



D. Connecting The Wire Harness



E. Securing The Power Channel Rail

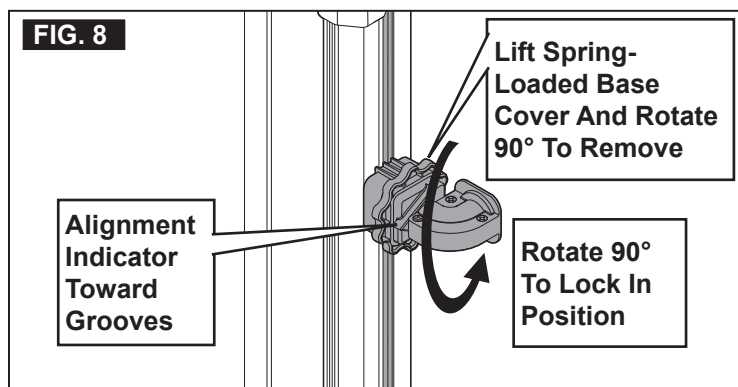
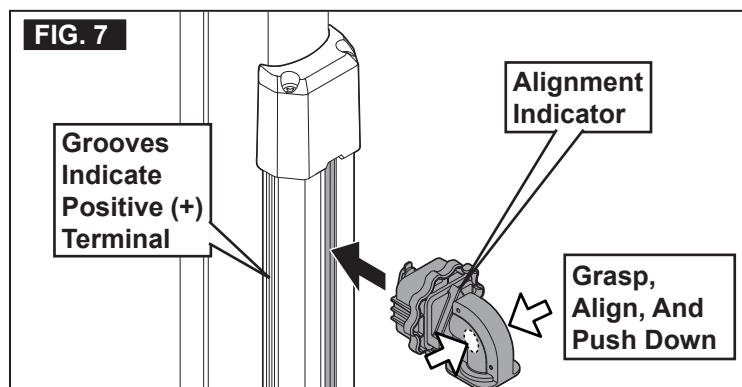


F. Reinstalling The Wire Covers

- Refer to "A. Removing The Wire Covers And Routing The Wire Harness" on page 3 for the location of the wire covers.

FEATURES AND ACCESSORIES

A. Installing And Removing Power Channel Accessories



B. Operating The Accessories

-  See the instructions included with the power channel accessories (if applicable).