



When ordering parts, always state:
MODEL NO. - PRODUCT NO. - QUANTITY -
PART NUMBER - DESCRIPTION
For Electric Details also state:
VOLTAGE - WATTAGE

ae[®] HORIZON

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**For Service Center
Assistance Call:**

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.

MOTOR CONVERSION INSTALLATION INSTRUCTIONS

MODELS
3310602.000(#)
3310897.000(#)

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 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.

! WARNING

These instructions must be read and understood before installation of motor kit. 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. Application

The Horizon motor kit is designed for the conversion of manual operated awnings to electric operated Horizon Case Awning.

- Left Hand Conversion Kit Number 3310897.000(#)
- Right Hand Conversion Kit Number 3310602.000(#)

Important: Read all of the following steps before beginning the conversion.

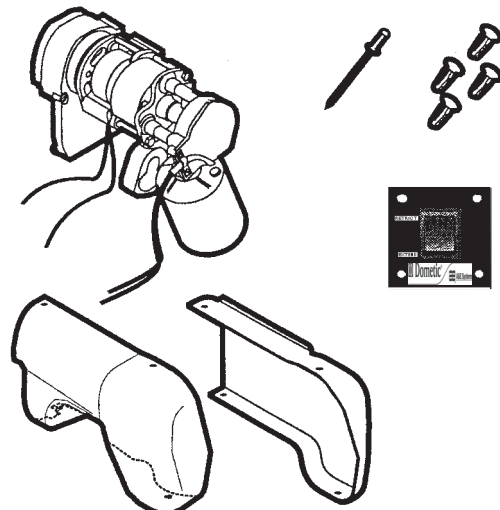
LIST OF PACKAGE CONTENTS: (see FIG. 1)

- (4) - Plastic Push Pins
- (1) - Motor Back cover
- (1) - Motor Front cover
- (1) - Toggle Switch
- (1) - Pop Rivet
- (1) - Motor
- (1) - Conversion Instructions

CAUTION

The cables are not supplied. It is recommended to use cables minimum 18AWG and to protect the power supply with a 16A fuse (not supplied).

Fig. 1



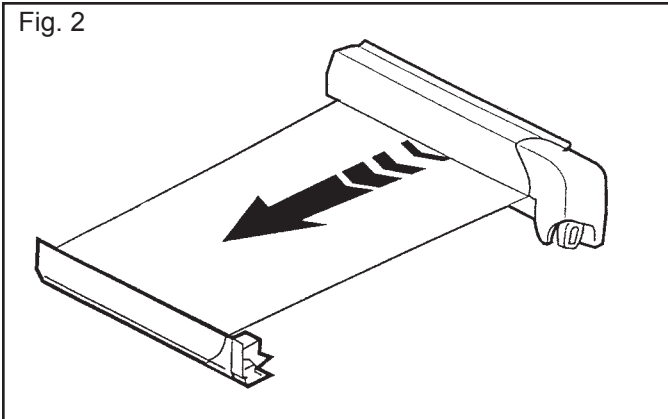
⚠ WARNING

There may be electrical wiring, pipes or other items in the walls. Disconnect 115 volt AC power cord and the positive (+) 12 volt DC terminal at the supply battery. Failure to follow this instruction may create a shock hazard causing death or severe personal injury.

B. Installation

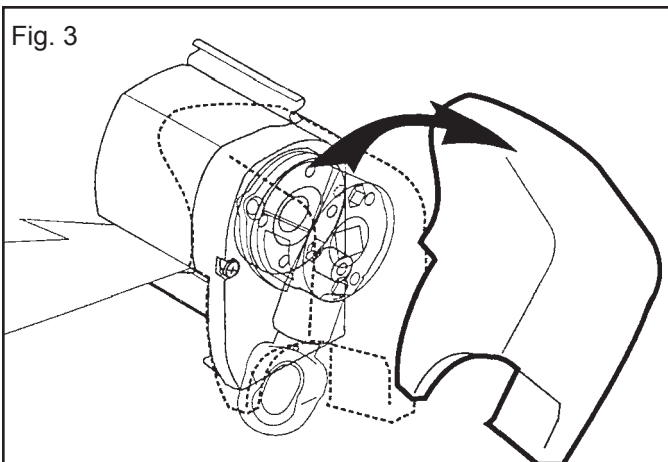
1. Extend awning to the open position. See FIG 2.

Fig. 2



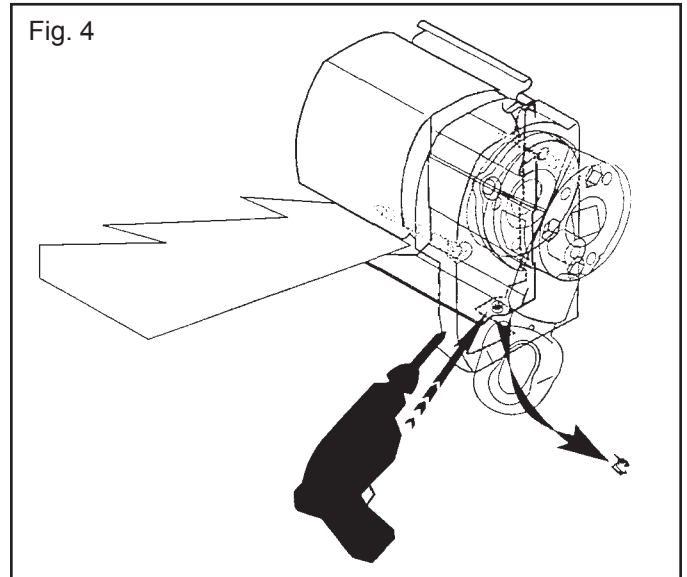
2. Remove drive side cover. See FIG. 3

Fig. 3



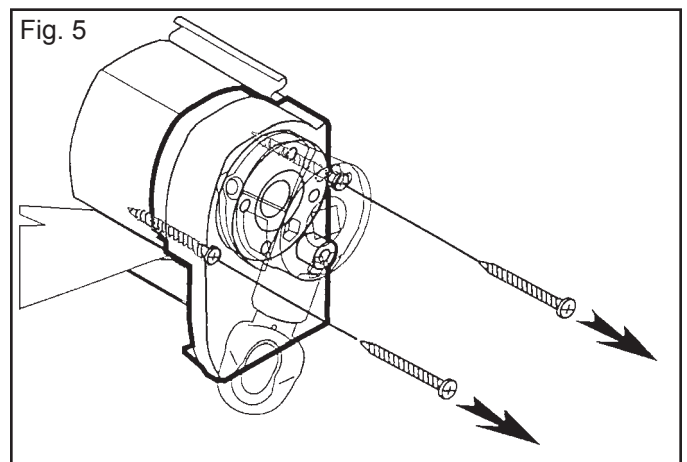
3. Drill out fastener as shown in FIG. 4.

Fig. 4



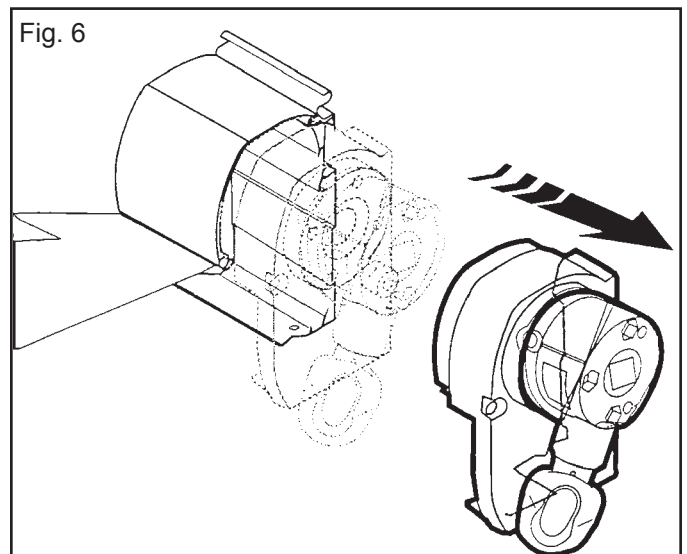
4. Remove screws as shown in FIG. 5.

Fig. 5



5. Remove manual drive assembly as shown in FIG. 6.

Fig. 6



5. Insert the motor drive assembly in the same location. See FIG. 7.

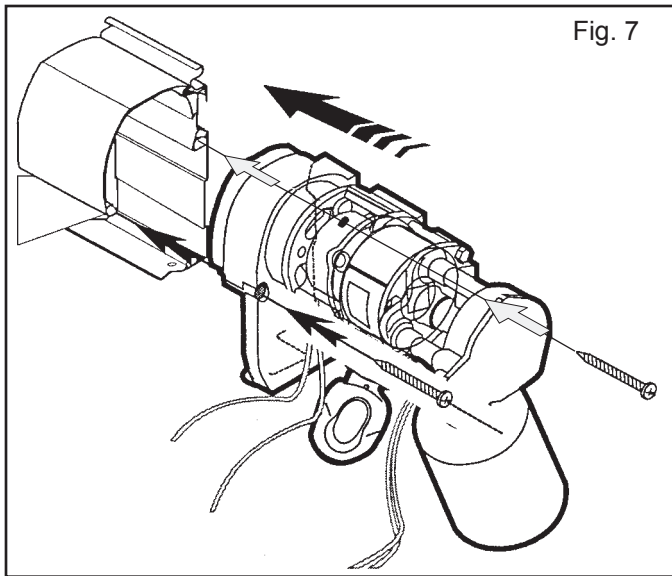


Fig. 7

6. Insert pop rivet to secure new motor assembly to awning. See FIG. 8.

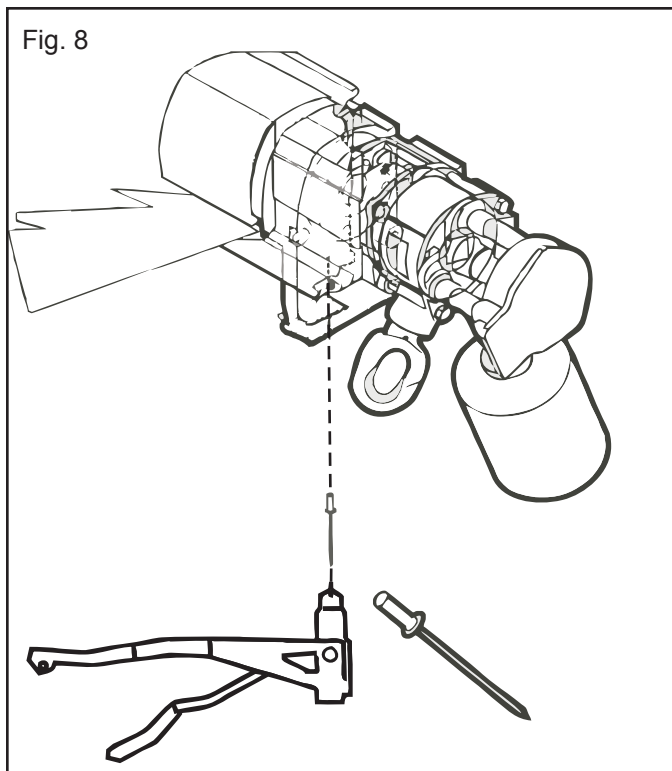


Fig. 8

7. Remote Switch Installation
- First, decide on a location for the switch. The switch must be installed where it will not be close to steel framing or directly exposed to weather or extreme temperatures.
 - Route the wire harness. Choose the most direct route through the wall from the switch to the motor and limit switch wires.

8. Connect the electrical system before placing the cover. Follow the electrical diagram to connect the cables. See FIG. 11 and FIG. 13.

CAUTION

Do not disconnect or change the micro switch. Do not use different switches than the one supplied.

WARNING

Do not connect the power supply to the ignition key until the installation is complete in order to avoid accidental opening of the awning; the awning should only open when the ignition key is not inserted.

9. Route the wires through the hole slot in the motor back cover. Place both front and rear motor covers to motor assembly as shown in figure 9.

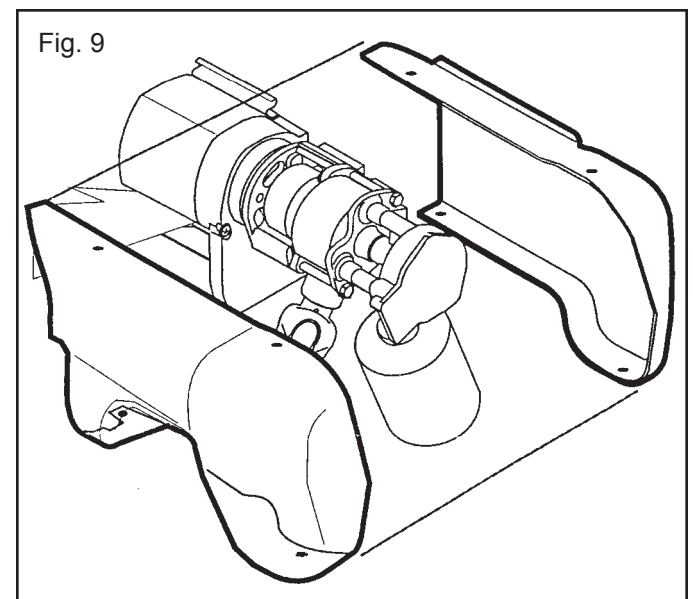


Fig. 9

10. Seal hole in side wall, back cover wire slot and wires with clear silicon sealer. Insert plastic push pins to secure motor covers to awning. See FIG. 10.

Important: Always seal where wires enter coach and protect wires from chafing. All splices should be insulated and secure any excess wire to prevent damage.

11. After the electrical system has been installed, do a general functioning test by following these points. See Figure 12 for reference.
- Make sure the awning opens, the switch is in position EXTEND and that it closes when the switch is in the RETRACT.

CAUTION

When the awning is moving, never touch the mechanical parts of the awning and in particular the lead bar and the awning case.

Fig. 10

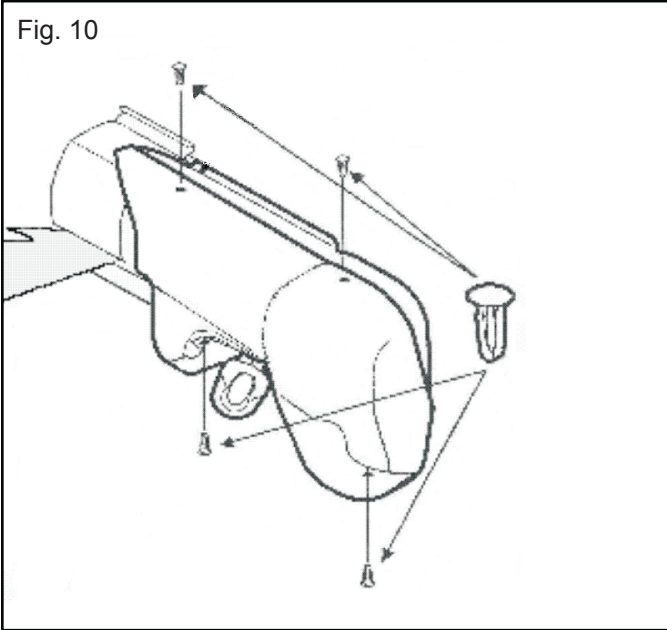


Fig. 11

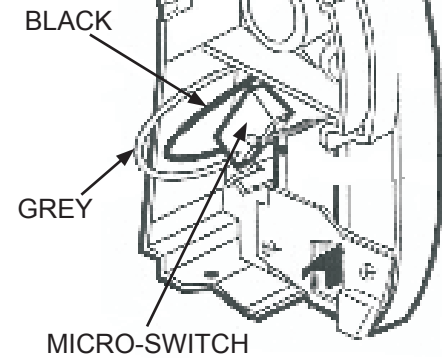


Fig. 12

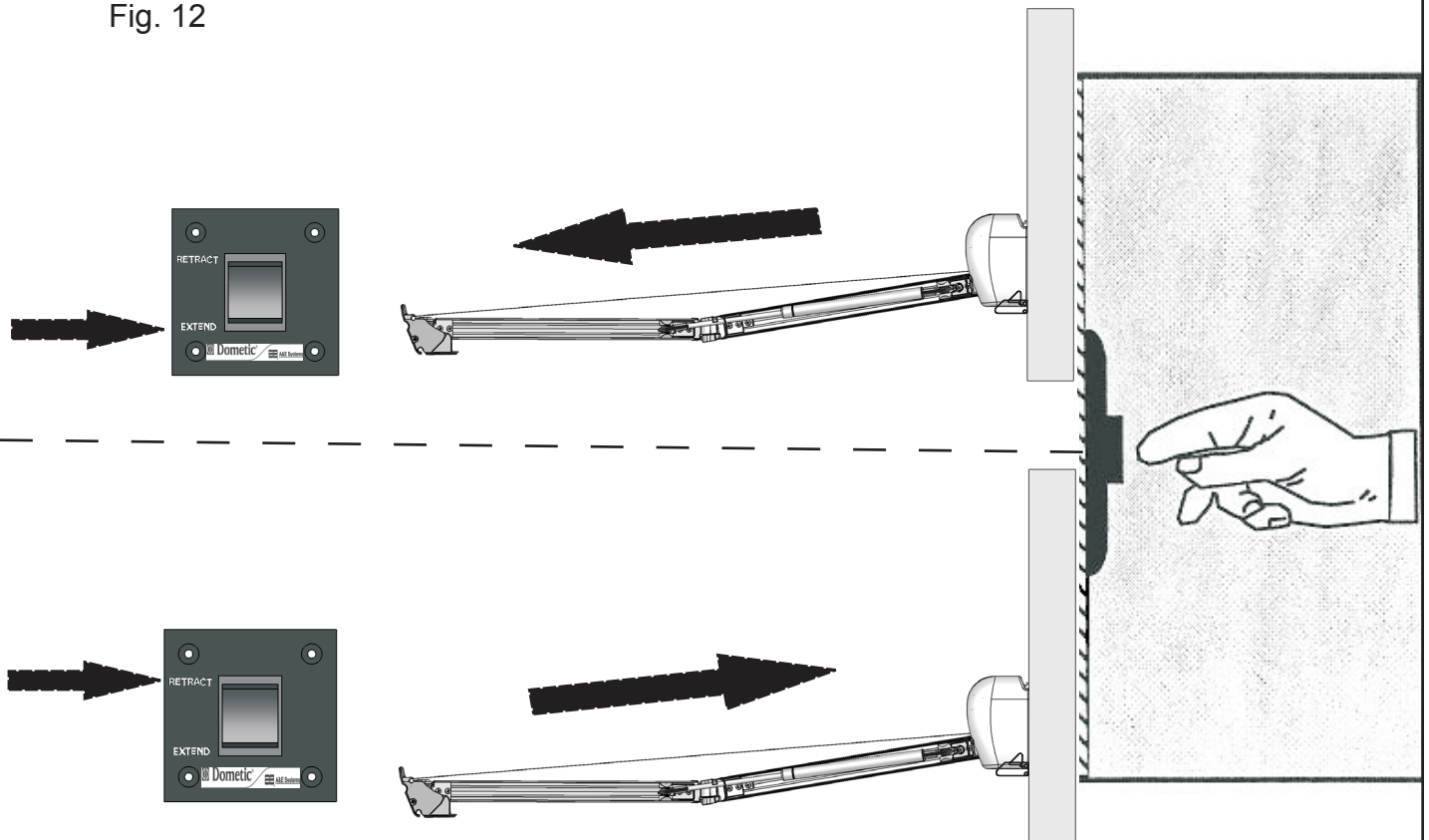


Fig. 13

