

WeatherPro Wind Sensor Retrofit Kit 3309743.007

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 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

3309743.007

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.

! CAUTION

These instructions must be read and understood before attempting to set the Wind Sensor DIP switch. This procedure should be done by a Dometic Authorized Service Center or a qualified service technician

GENERAL INSTRUCTIONS

This Kit Contains:

(1) 3309744.005 Decal

(1) 3309740.003 Service Instructions

The WeatherPro wind sensor system monitors the velocity of the wind at the sensor location, and closes the awning in the event of sustained winds or multiple wind gusts. The wind speed is set at the factory at 18 MPH.

In certain extreme environments the wind sensor can be affected by heat gain. The decal acts as a reflector to help minimize the effect of direct heat gain, allowing the sensor to remain accurate at all times.

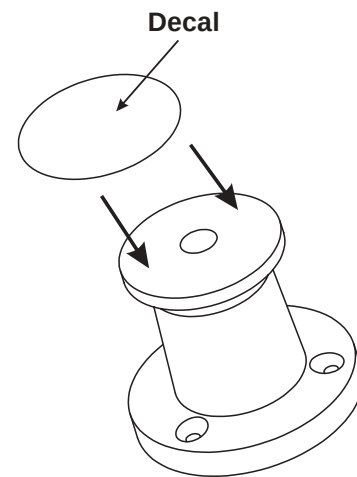
The wind speed can be adjusted by turning the appropriate dip switches on or off to increase or decrease the sensor sensitivity. The sensitivity can be increased to 21 & 24 MPH or decreased to 15 & 12 MPH by following these instructions.

PROCEDURE INSTRUCTIONS

A. Applying The Decal.

1. Clean top of wind sensor surface.
2. Peel the backing from decal (the dull side). And apply to the top of the wind sensor. Make sure the shiny side of the decal faces outward. See Figure 1.

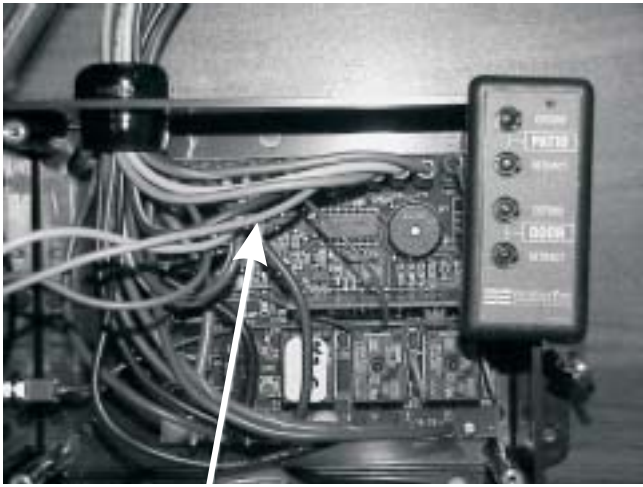
FIG. 1



B. Dip Switch Configurations.

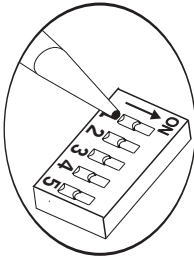
1. Locate the 5 position DIP switch. See Fig. 2. It shows the control box front face cover removed and an arrow pointing to the 5 position DIP switch (SW2).

FIG. 2

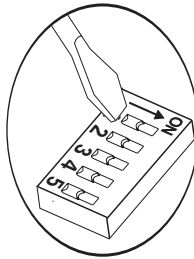


Important: Dip switch damage will occur if they are not set in the proper manner. A ball point pen or similar object that will slip in the switch slot, can damage the switch causing loss of connection. Use only a small flat blade screw driver (wider than the dip switch slot) to move the dip switch. See FIG. 3.

FIG. 3 DO NOT USE BALL POINT PEN To Move Dip Switch



Use Flat Blade Screw-driver Wider Than Dip Switch Slot To Move Dip Switch



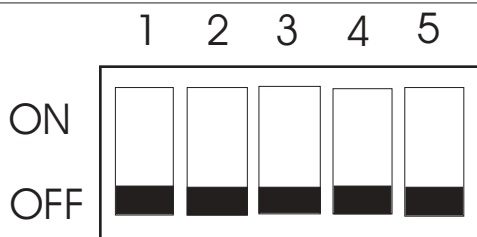
CAUTION

The electronic board is susceptible to static charge. Do not insert metal object inside control box when setting the dip switches. Damage to the electronic board will occur if a short is created. Use only a non conductive material to move the switch positions.

2. Dip switch configurations.

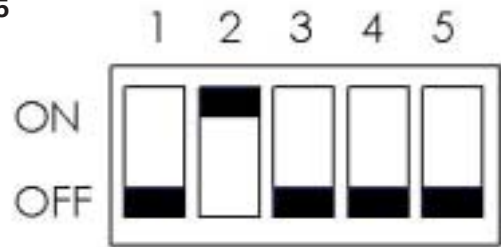
- a. Figure 4 shows the "DIP SWITCH" positions at the factory setting of 18 MPH. All the switches are in the "OFF" position.

FIG. 4



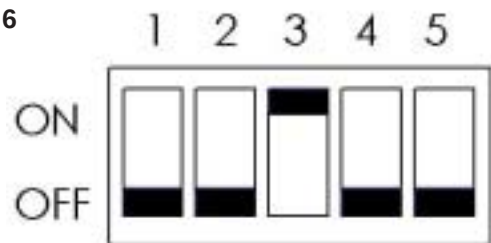
- b. Figure 5 shows the "DIP SWITCH" positions to raise the sensor sensitivity to 21 MPH. Set switch 2 to "ON". All others will be "OFF".

FIG. 5



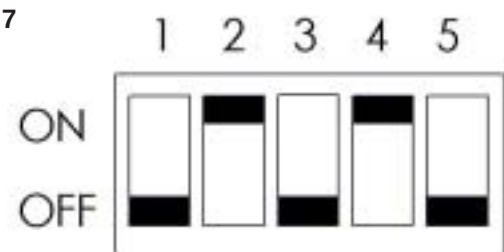
- c. Figure 6 shows the "DIP SWITCH" position to raise the sensor sensitivity to 24 MPH. Set switch 3 to "ON". All others will be "OFF".

FIG. 6



- d. Figure 7 shows the "DIP SWITCH" positions to lower the sensor sensitivity to 15 MPH. Set switch 2 & 4 to "ON". All others will be "OFF".

FIG. 7



- e. Figure 8 shows the "DIP SWITCH" positions to lower the sensor sensitivity to 12 MPH. Set switch 3 & 4 to "ON". All others will be "OFF".

FIG. 8

