

## Dometic 3317084.000U

# Dometic RV Awning Motor Drive Kit - Model 3317084.000U Instruction Manual

For Dometic 9200 Series Power Awnings

## INTRODUCTION

This manual provides essential information for the safe installation, operation, and maintenance of your Dometic RV Awning Motor Drive Kit, model 3317084.000U. Please read thoroughly before use to ensure proper function and longevity of your product.

## SAFETY INFORMATION

- Always disconnect power to the RV awning system before attempting any installation, maintenance, or repair.
- Ensure all wiring connections are secure and correctly polarized (red to positive, black to negative) to prevent electrical hazards and damage to the motor.
- Keep hands, hair, and loose clothing clear of all moving parts during awning operation.
- Do not operate the awning in high winds, heavy rain, or other severe weather conditions. Retract the awning immediately if adverse weather is anticipated.
- If you are unsure about any step of the installation or repair process, consult a qualified RV technician.

## PACKAGE CONTENTS

Please verify that all components are present in your package:

- RV Awning Motor Drive Unit (Model 3317084.000U)
- End Cap
- Rivets (for installation)



Image: The Dometic RV Awning Motor Drive Kit, including the motor unit, end cap, and rivets, laid out on a white background.

## SETUP AND INSTALLATION

This motor drive kit is specifically designed for Dometic 9200 Series Power Awnings. It serves as a direct replacement for original part numbers 3316605.001, 3316605.017, and 3317084.000U.

**Important:** Ensure your existing hardware (such as the awning roller tube and arms) is in good condition and compatible for installation. End caps and rivets may not be included with all shipments; please check your package contents upon arrival.

### Step 1: Prepare the Awning

Fully extend the RV awning. Disconnect all electrical power to the awning system at the main breaker or battery to prevent accidental operation during installation.

### Step 2: Remove Old Motor (if applicable)

Carefully locate and loosen any bolts or fasteners securing the existing motor to the awning arm. Disconnect the motor's wiring. Gently remove the old motor unit.

Your browser does not support the video tag.

Video: This video demonstrates the process of loosening bolts and removing an existing awning motor from an RV awning arm, showing the motor's integration with the awning structure.

### Step 3: Install New Motor

Align the new motor drive unit with the awning arm and roller tube. Secure it using the provided rivets or existing fasteners. Ensure the motor is firmly seated and properly aligned within the housing.

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Video: A detailed demonstration of assembling the RV awning motor drive kit, including attaching the end cap and connecting the wiring. This video highlights the physical assembly of the motor components.

### Step 4: Wiring Connection

Connect the motor's wiring to the RV's power system. Double-check for correct polarity (red wire to positive, black wire to negative) to ensure proper operation and prevent damage.

Your browser does not support the video tag.

Video: This video provides a close-up view of the RV awning motor drive kit, showcasing its components and the process of connecting the power wires, emphasizing the electrical connections.

## OPERATION

Once the motor is installed and wired, restore power to the awning system. Use your RV's awning control switch to extend or retract the awning.

- **Extend:** Press and hold the "Extend" button until the awning is fully deployed or reaches your desired position.
- **Retract:** Press and hold the "Retract" button until the awning is fully stowed against the RV.

The motor is designed for smooth start and stop operation, which helps reduce mechanical impact and enhances the overall durability of the awning system.

## MAINTENANCE

Regular maintenance helps ensure the longevity and reliable operation of your awning motor:

- **Inspection:** Periodically inspect the motor, wiring, and mounting hardware for any signs of wear, corrosion, or damage.
- **Cleaning:** Keep the motor area clean and free from dirt, dust, and debris that could impede its function.
- **Fasteners:** Ensure all bolts and screws remain tight. Re-tighten as necessary.
- **Lubrication:** Refer to your RV manufacturer's awning manual for specific lubrication recommendations for the awning arms and roller tube. The motor itself is typically sealed and does not require user lubrication.

## TROUBLESHOOTING

If you encounter issues with your awning motor, consider the following:

### Awning Not Extending/Retracting

- **Power Supply:** Check the RV's battery charge level and ensure the awning's circuit breaker or fuse is not tripped.
- **Wiring:** Inspect all electrical connections for looseness, corrosion, or damage. Ensure correct polarity.
- **Motor Function:** Listen for any sounds from the motor when attempting to operate the awning. If there is no sound, the motor may not be receiving power or could be faulty.

### Awning Operates Slowly or Jerkily

- **Low Voltage:** A low battery voltage can cause slow or erratic motor operation. Check and charge your RV battery.
- **Obstruction:** Inspect the awning arms, fabric, and roller tube for any physical obstructions that might be hindering movement.
- **Mechanical Issue:** The motor or gearbox may be experiencing internal friction or damage. If the issue persists after checking power and obstructions, professional inspection may be required.

### Awning Stops Mid-Operation

- **Overload Protection:** The motor may have an internal thermal overload protection that has activated due to excessive strain or heat. Allow the motor to cool down for several minutes before attempting operation again.
- **Intermittent Power:** Check for loose wiring or a faulty switch that might be causing intermittent power supply to the motor.

## SPECIFICATIONS

Feature	Detail
Model Number	3317084.000U
Brand	Dometic
Voltage	12 Volts

Feature	Detail
Item Weight	4.93 pounds
Product Dimensions	10 x 6 x 4 inches
Compatibility	Dometic 9200 Series Power Awnings
Replaces OEM Part Numbers	3316605.001, 3316605.017

### WARRANTY AND SUPPORT

For detailed warranty information, technical assistance, or to locate an authorized service center, please refer to the official Dometic website or contact your authorized Dometic dealer. Always retain your purchase receipt as proof of purchase for warranty claims.