

AWNINGS

Purpose

This document describes the removal and replacement of the Solera® Power Awning drive head and motor.

Resources Required

- 1-3 people (depending on task)
- Cordless or electric drill or screw gun
- Appropriate drive bits
- Zip ties

Product Change Notice



Original Power Awning Head
266146
Prior to July 2017



Current Power Awning Head
672049
After July 2017

⚠ CAUTION

Failure to secure the outer arms may result in personal injury, product or property damage. Pressure from the gas strut can cause the outer arm to kick open, which could cause injury, product or property damage.

⚠ CAUTION

Moving parts can pinch, crush, or cut. Keep clear at all times.

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Instructions

Removal

1. Extend the awning about 12" away from the unit.
2. Secure both support arm assemblies by running a zip tie around the outer arm and around the pin on the top of the mount arm where the mount arm and inner arm connect (Fig. 1).

Fig. 1



3. Remove the wax screw (Fig. 2A) from the end cap (Fig. 2B) that attaches to the shaft (Fig. 2C) on the drive head assembly.
4. Support the roll tube (Fig. 2D) to prevent it from falling and damaging the side of the coach.
5. Remove the drive head assembly retaining bolt (Fig. 2E) from the outer arm.
6. Remove the roll tube from the drive head shaft and the drive head assembly from the outer arm.
7. Disconnect the wires. Remember the orientation of the colored wires.

Installation

NOTE: If current drive head uses an old harness with spade connectors, a new power wire will need to be installed. If necessary, connect the new power wire to the new drive head prior to beginning the installation process.

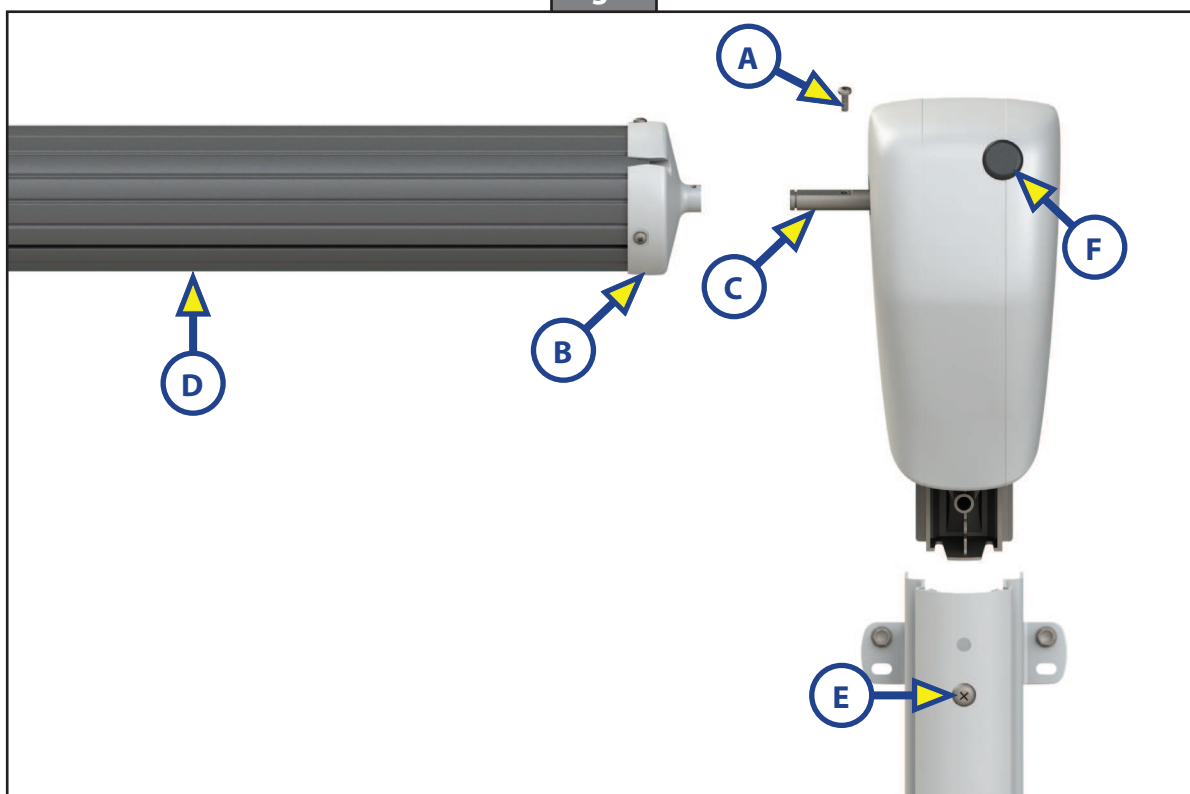
1. Connect the wiring and slide the drive head into the outer arm. Be careful not to pinch the wiring between the drive head assembly and the outer arm.
2. Secure the drive head assembly in the outer arm with the drive head assembly retaining bolt (Fig. 2A).
3. Insert the drive head assembly shaft (Fig. 2B) into the roll tube end cap (Fig. 2C).
4. Replace the wax screw (Fig. 2D) in the roll tube end cap.

NOTE: When securing the wax screw, leave approximately $\frac{1}{8}$ " between the screw head and the roll tube, as overtightening will strip the screw.

5. Remove zip ties.

AWNINGS

Fig. 2



6. If necessary, install the new power wire in the awning. To do this:
 - A. Manually extend the awning by:
 - I. Connecting the wires from the drive head assembly to a power source and run the awning halfway out.
 - II. Using an electric or cordless drill or screw gun and a 7/16" socket, remove the rubber grommet (Fig. 2F) and spin the manual override nut clockwise.
 - B. Carefully remove the old power wire while routing the new wire through the same way.
 - C. Disconnect the old wire from power and connect the new one.
7. Fully retract and extend awning to ensure proper drive head and motor installation and operation.