

LIPPERT

**SLIDE-OUTS** 

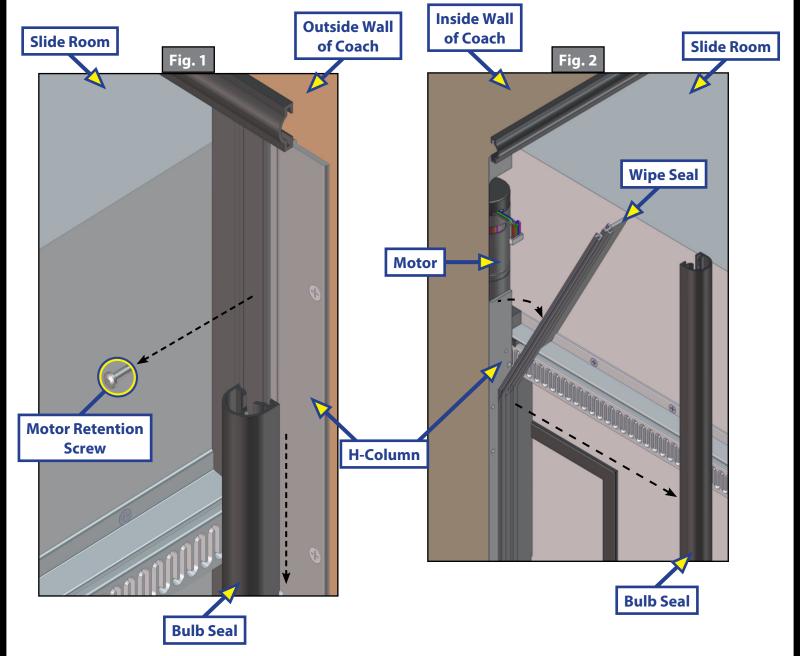
## **Tools Required**

- Drill or cordless screw gun
- Fast-bonding adhesive

## With Motor Notch (Current Style)

**NOTE:** There **MUST** be access to both the interior and exterior of the coach to perform this procedure.

- 1. Extend the slide-out to halfway out of the coach.
- **2.** On the exterior, slide the bulb seal down to access the motor retention screw (Fig. 1).
- **3.** Remove the motor retention screw (Fig. 1).
- **4.** Inside the coach, remove the bulb seal from the wipe seal (Fig. 2).
- **5.** Peel back the wipe seal and disconnect the wiring harness from the motor (Fig. 2).





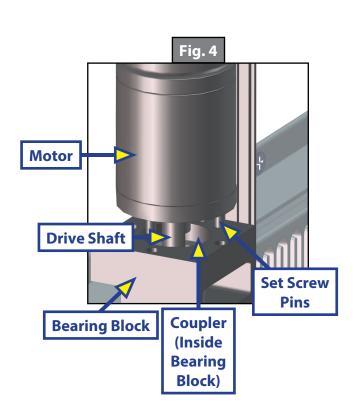
# REPLACING THE MOTOR OF AN IN-WALL® SLIDE-OUT SYSTEM

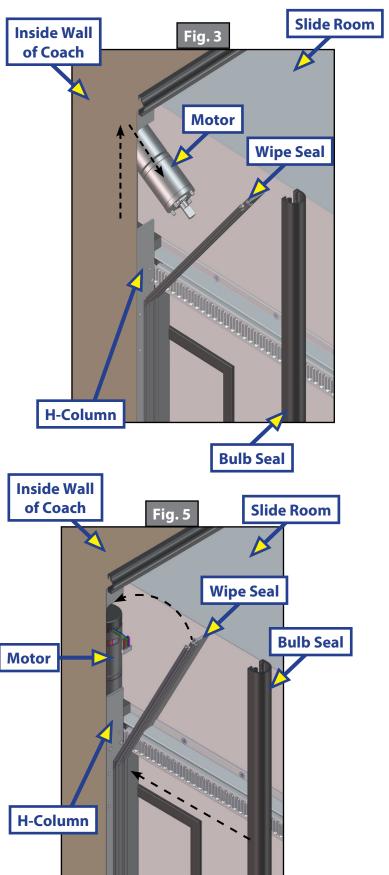
### **SLIDE-OUTS**

- **6.** Pull motor up and tip the bottom of the motor out of the notch to remove it (Fig. 3).
- **7.** Place new motor into the H-column, making sure that the wiring is facing the back of the H-Column.

NOTE: Look into the column and note the orientation of the coupler and set screw holes in the bearing block. Rotate the drive shaft on the motor to approximately align with the coupler before sliding the new motor into the column.

- **8.** While applying pressure to the top of the motor, push on the room, which will slowly rotate the torque shaft so the coupler and torque shaft can line up with the motor shaft. Once they are lined up, the motor will drop into place (Fig. 4).
- **9.** Reattach the wiring harness.
- **10.** Push the wipe seal back into position (Fig. 5).
- **11.** Fasten the wipe seal to the H-column with fast-bonding adhesive.
- **12.** Replace the bulb seal (Fig. 5).
- **13.** Replace the motor retention screw on the outside of the H-column.







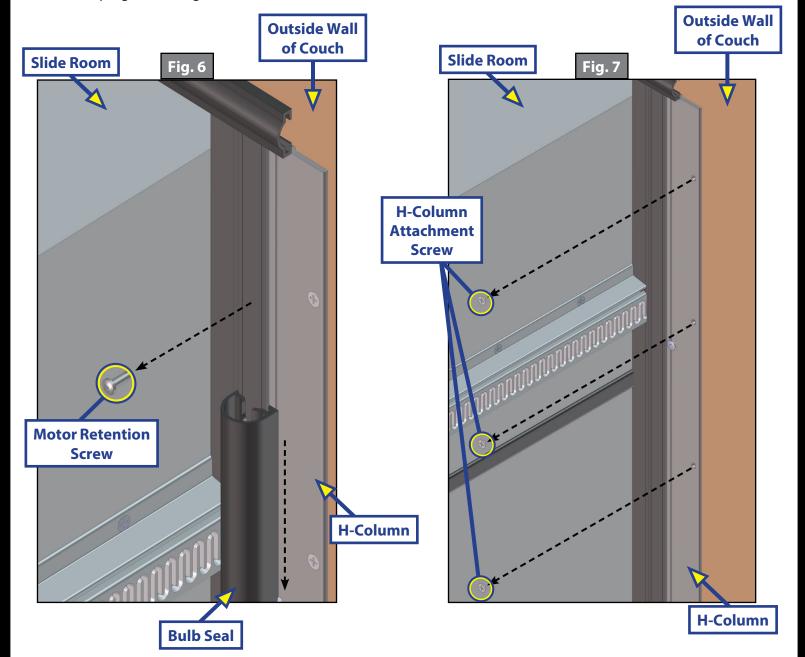
# REPLACING THE MOTOR OF AN IN-WALL® SLIDE-OUT SYSTEM

SLIDE-OUTS

### Without Motor Notch (Old Style)

**NOTE:** There **MUST** be access to both the interior and exterior of the coach to perform this procedure.

- **1.** Extend the slide-out to halfway out of the coach.
- **2.** Adequately support the slide room, but do not lift it.
- **3.** From the exterior, slide the bulb seal down to access the motor retention screw (Fig. 6).
- **4.** Remove the motor retention screw (Fig. 6).
- **5.** Remove the screws out of the H-column from top to bottom (Fig. 7).
- **6.** Unplug the wiring harness from the motor.





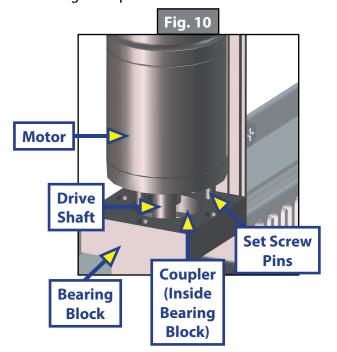
# REPLACING THE MOTOR OF AN IN-WALL® SLIDE-OUT SYSTEM

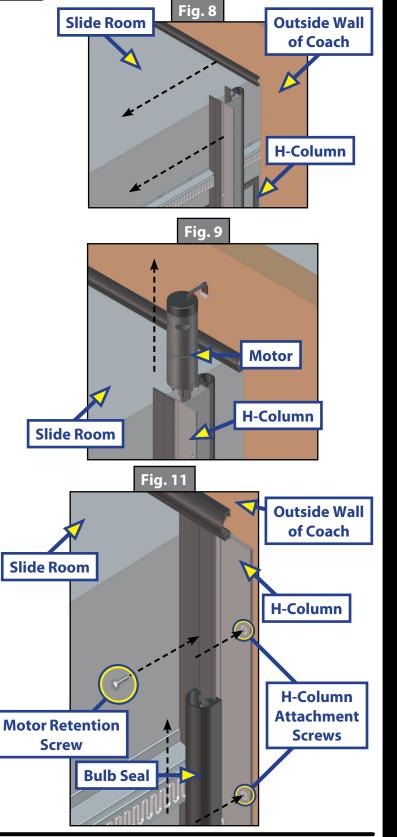
### **SLIDE-OUTS**

- **7.** From the inside of the unit, push the slide-out out until the top of the H-column is accessible (Fig. 8).
- **8.** Pull the motor up and out of the H-column (Fig. 9).
- **9.** Place new motor into the H-column, making sure that the wiring is facing the back of the H-Column.

**NOTE:** Look into the column and note the orientation of the coupler and set screw holes in the bearing block. Rotate the drive shaft on the motor to approximately align with the coupler before sliding the new motor into the column.

- **10.** While applying pressure to the top of the motor, push on the column, which will slowly rotate the torque shaft so the coupler and torque shaft can line up with the motor shaft. Once they are lined up, the motor will drop into place (Fig. 10).
- **11.** Reattach the wiring harness to the motor.
- **12.** Push the slide-out back into place.
- **13.** Replace all screws into the H-column to reattach the slide-out to the unit (Fig. 11).
- **14.** Replace the motor retention screw (Fig. 11).
- **15.** Slide the bulb seal back up into position (Fig. 11).
- **16.** Reseal H-column according to RV manufacturer recommendations.
- **17.** Re-glue wipe seal.





As a supplier of components to the RV industry, safety, education and customer satisfaction are our primary concerns. Should you have any questions, please do not hesitate to contact us at (574) 537-8900 or by email at <a href="mailto:customerservice@lci1.com">customerservice@lci1.com</a>. Self-help tips, technical documents, product videos and a training class schedule are available at <a href="mailto:lci1.com">lci1.com</a> or by downloading the MyLCI app.