Schwintek Slideout Mechanism Removal & Installation

Read the entire instructions carefully before starting the procedure. If you have any questions, please Contact Winnebago Industries' Technical Service Department by calling 1-866-653-4329 or by e-mail: techservice@winnebagoind.com. This document is confidential and is intended for dealer use only.


Fig 1

Note: Level coach using leveling jacks.

1. Remove all screws from center area of upper and lower gear racks leaving two (2) screws in each end. (fig 1).
Note: Slideout will need to be extended either with motor or manually after disconnecting motor. See step 4 & 5.

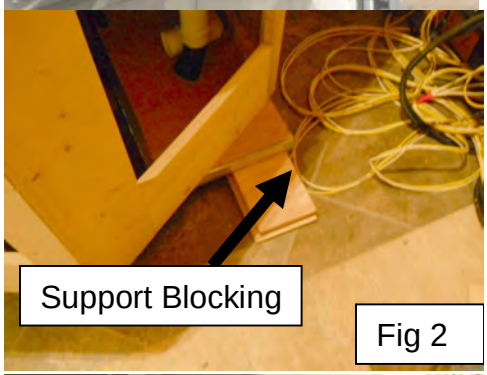


Fig 2

2. Support slideout floor inside coach with blocking (fig 2).

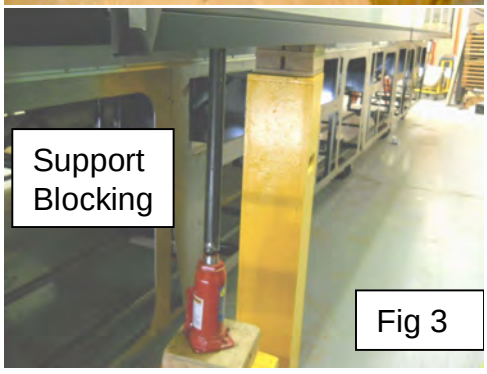


Fig 3

3. Support slideout floor on exterior of coach. This will take weight off gear rack assembly (fig 3).

4. Remove trim screws at top leaving 2 feet of lower screws to hold mechanism in place. Pull top of trim outward to access motor wire harness plug. Install motor test harness and supply 12 volts to red and black wires to extend or retract slideout. Using motor control harness p/n 178398-01-000.


Fig 4

5. Motor may be uncoupled from mechanism by disconnecting spring (early production/ screw later production, “Tee nut” current production), and lifting motor approximately ½” or removing ½” motor retention screw Then slideout may be pushed in or out.

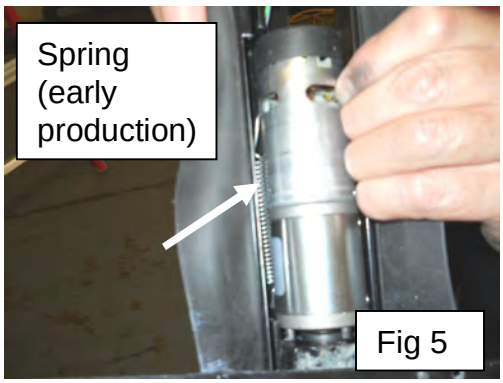


Fig 5

Note: Motor retention screw (fig 6), or “Tee nut” on current production .

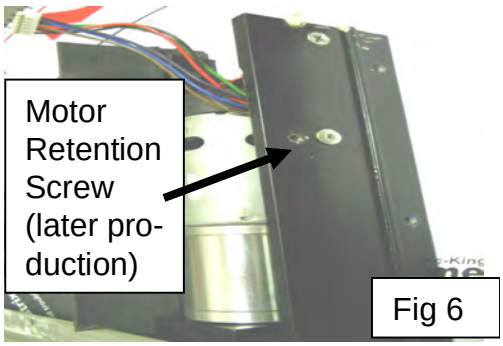


Fig 6

6. Remove the screws outer left in upper and lower gear racks in Step 1. Remove rack assembly.

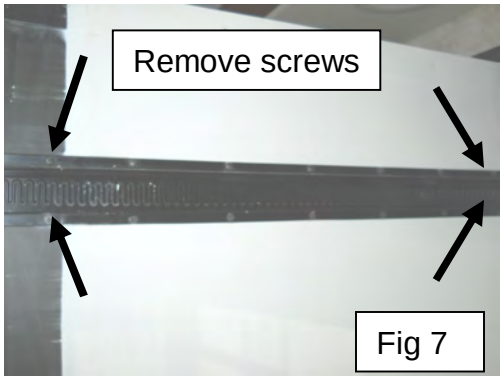


Fig 7

7. Make sure there is foam sealant tape on backside of gear rack assemblies. (Remove protective paper from foam seal before installing). New screws should be used as these screws have sealant on threads to prevent water infiltration.

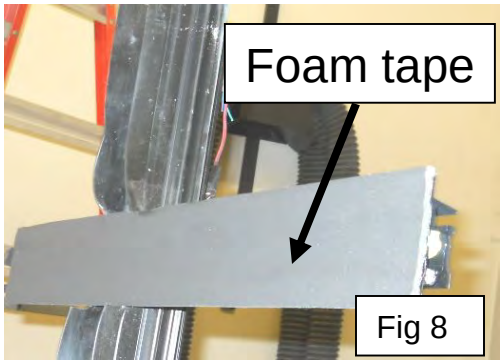
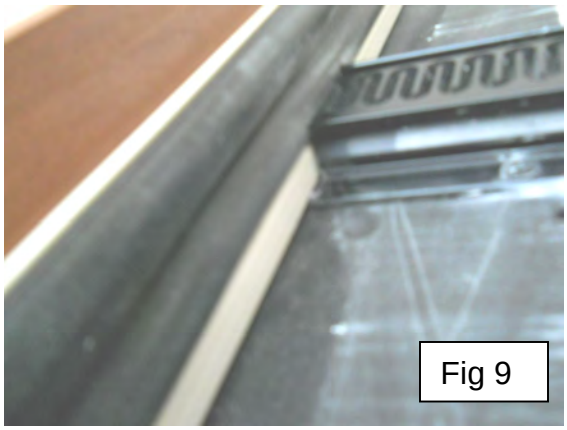
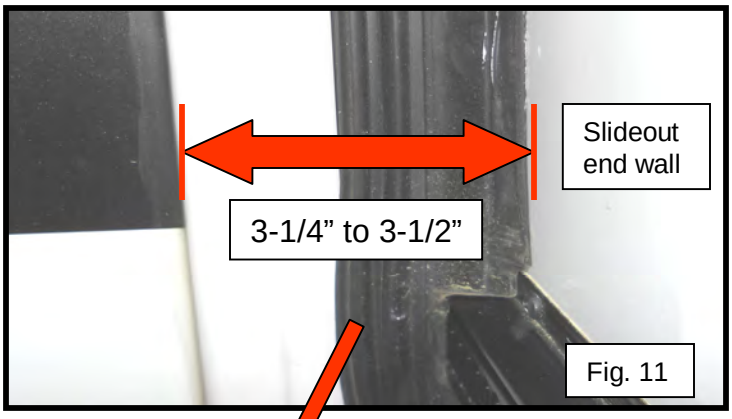


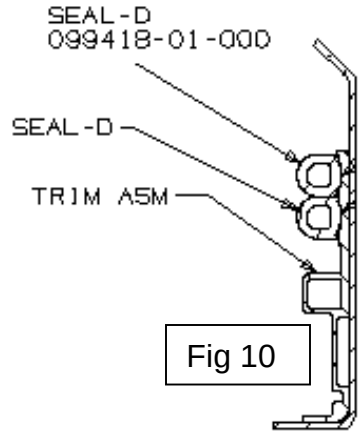
Fig 8

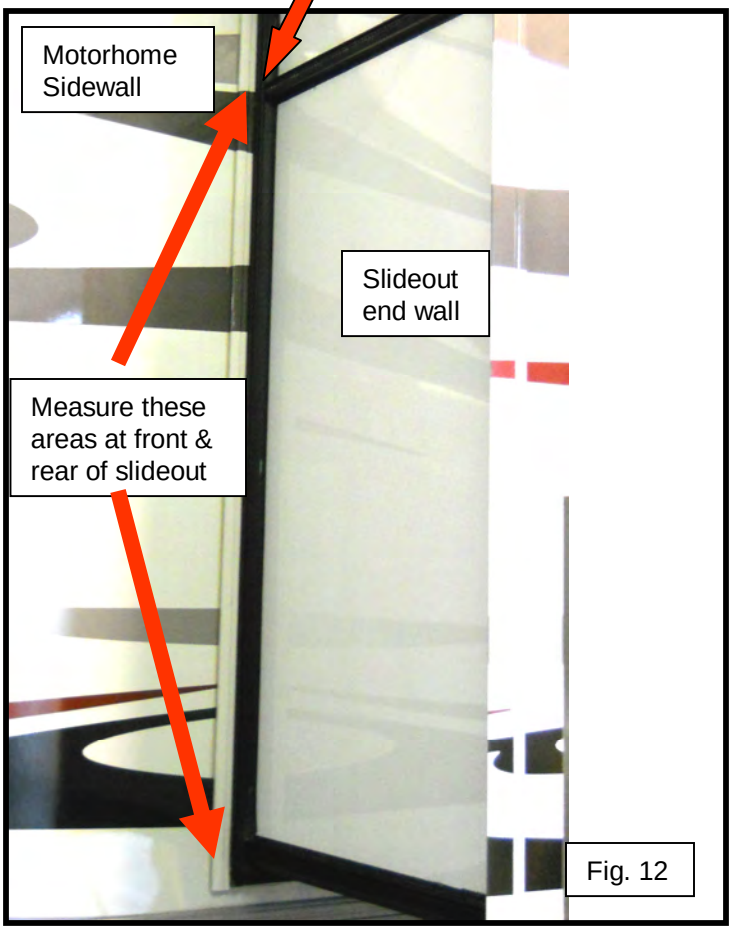
8. When installing new replacement mechanism make sure it is installed squarely on slideout end wall. The gear rack should be tight up against the inside face trim. See (fig. 9, 11 and 12.).

Note: Upper and lower measurements should be same. Specification range is 3-1/4" to 3-1/2".
Replace all mounting screws where slide mechanism mounts to slideout end wall, coach sidewall and clamp trim to slideout mechanism.

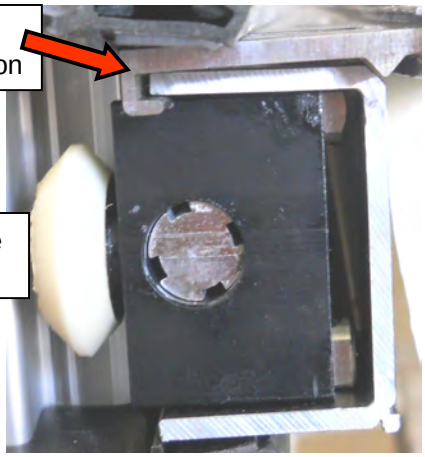






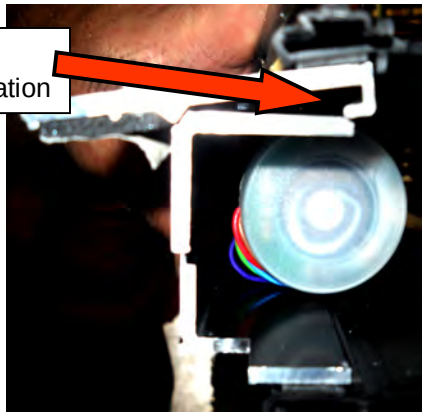


Clamp trim **correct** installation



End view of slide mechanism.

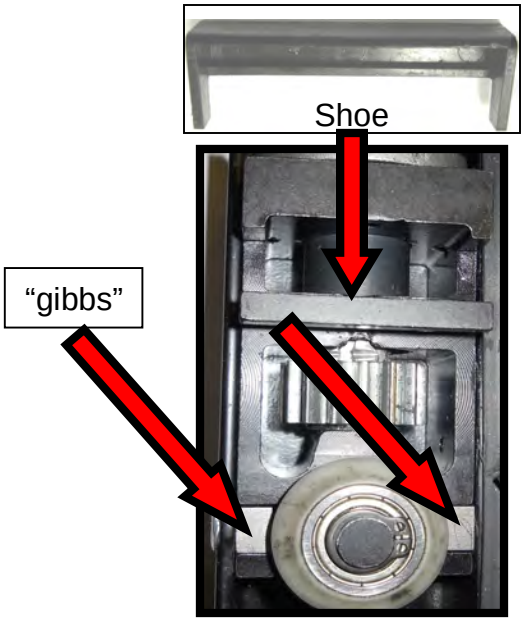
Clamp trim **incorrect** installation

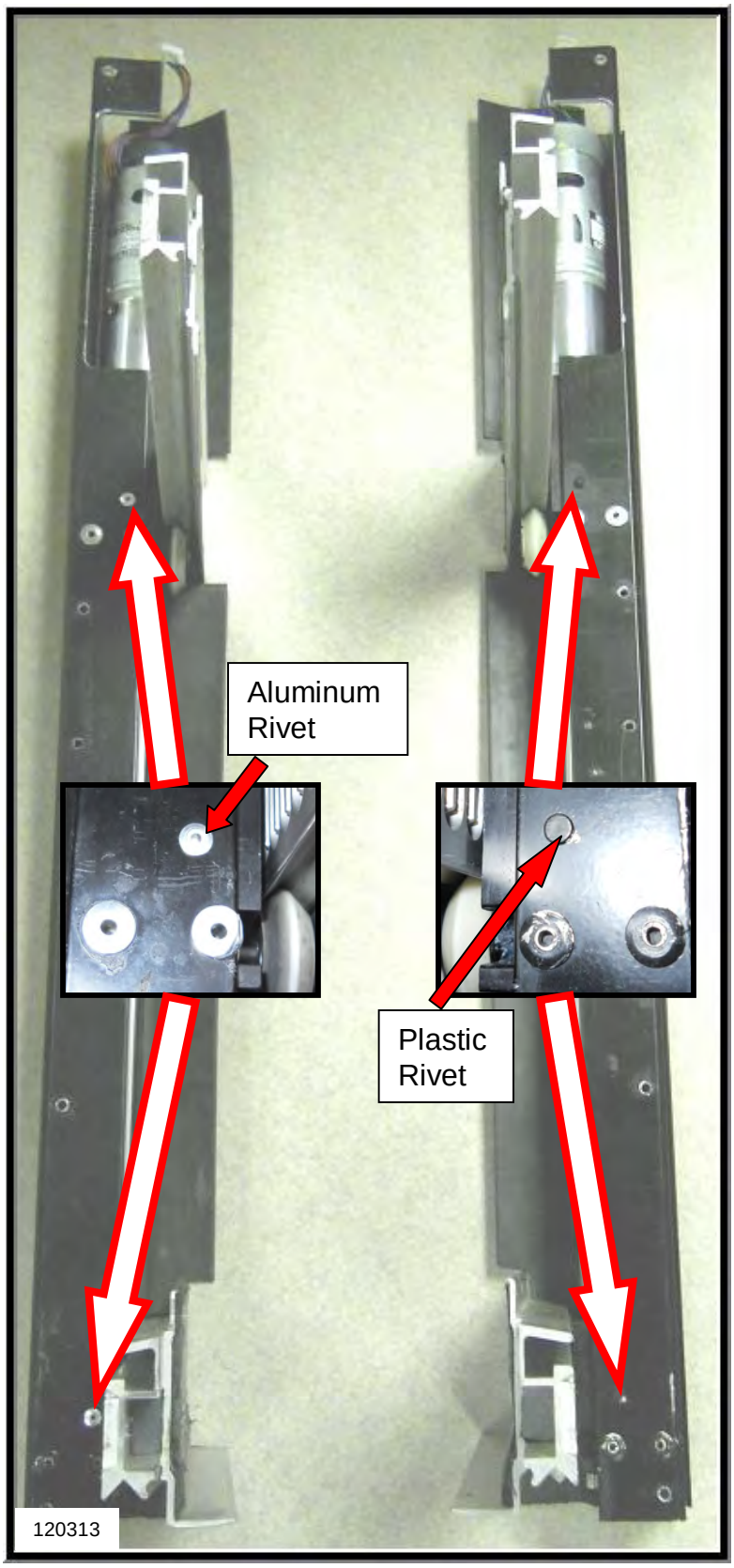


9. If D-bulb seal is installed on inside face trim (fig 10), remove bulb seal across top and on sides and discard. Reference (fig 13,14 and stop tube installation).

The Schwintek slide mechanism has **fixed side** and **floating side**. Facing slideout from outside of the coach, the left slide mechanism is the fixed side (**note aluminum rivets**). The right mechanism uses **plastic rivets** that are able to shear if there is any tolerance variance in slideout. New replacement slide mechanism will have the rivets in place.

When reviewing measurements in (fig.11 & 12) you will see the measurements should be same at top and bottom. If the aluminum or plastic rivets are sheared at the time of slide mechanism installation, the measurements may not be the same at top and bottom and this may cause increased stress on shoe causing breakage and gear separation.

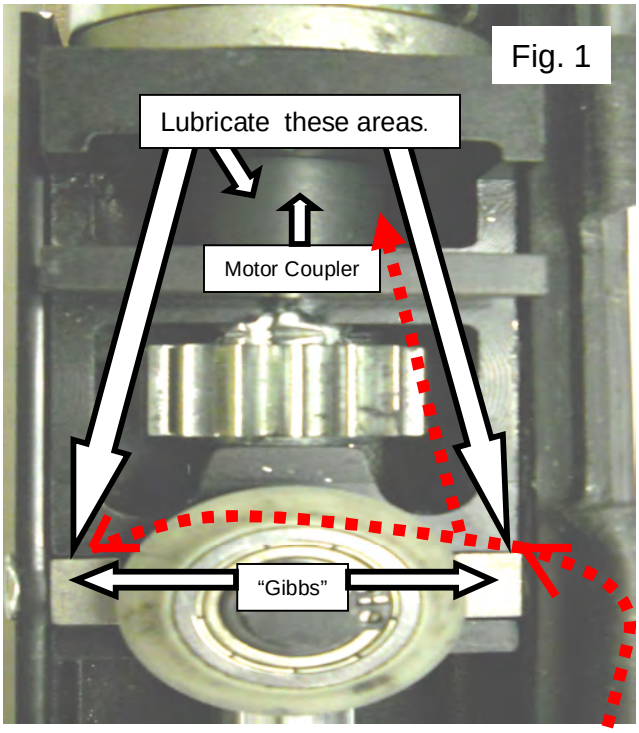




Schwintek Slideout Lubrication

Read the entire instructions carefully before starting the procedure. If you have any questions, please Contact Winnebago Industries' Technical Service Department by calling 1-866-653-4329 or by e-mail: techservice@winnebagoind.com. This document is confidential and is intended for dealer use only.

Fig. 1 is to be used to identify the areas on the Mechanism that require lubrication. The gibbs are found on the bottom side of both upper and lower rails. Access is shown in (fig. 2). The motor coupler is located on the top side of the top rail. Access is shown in (fig. 3).



Areas that will need lubrication. See (fig.1).

Note: For even distribution, lubricate from inside and outside when ever possible.

Lubricate the "Gibbs" with CRC Industrial Power Lube Spray with PTFE (use extension nozzle to direct lubrication (fig. 2).

Lubricate the motor coupler with CRC Industrial Power Lube Spray with PTFE (use extension nozzle to direct lubrication). (fig.3)
Coupler shown in (fig. 1).

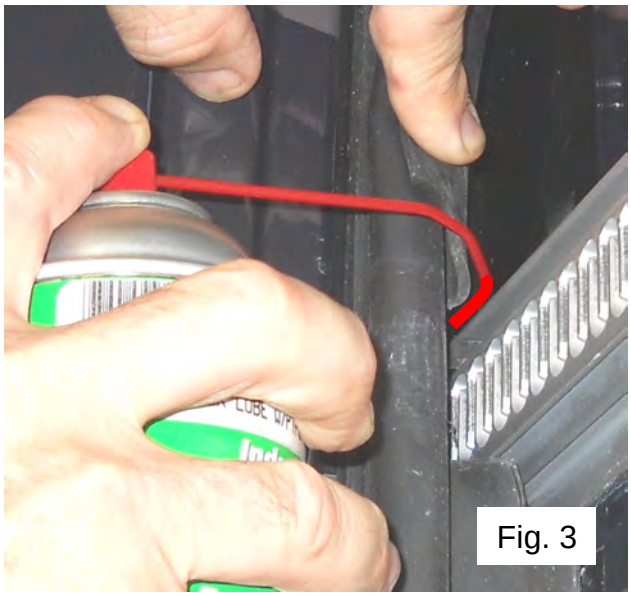
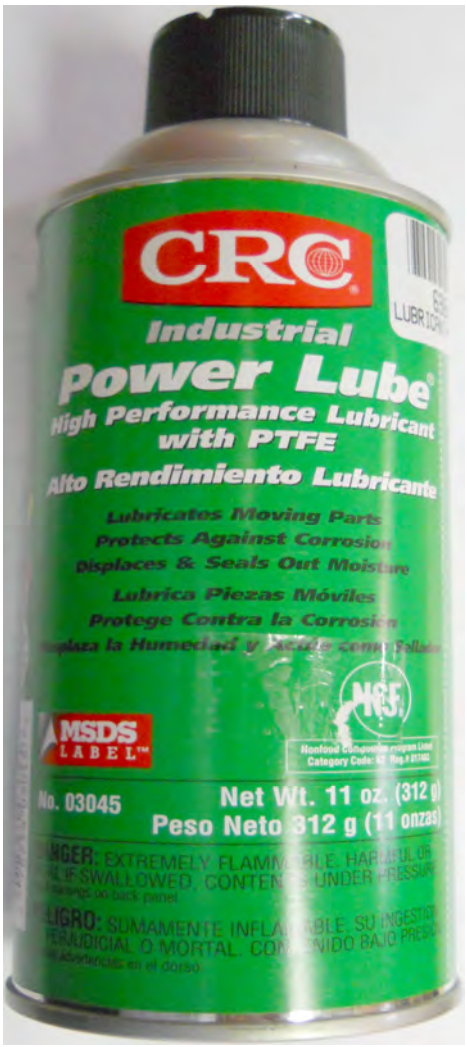


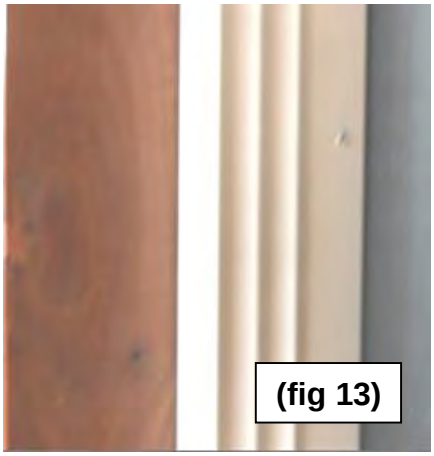
Fig. 3

Use **required** CRC Industrial Power Lube with "PTFE". CRC part number (CRC03045) (purchase locally). May locate Power Lube retailer using this link.
http://www.crcindustries.com/ei/where_to_buy.aspx



Stop Tube Installation

RE: **Stop Tube Installation**
The picture to right - slideout interior face trim does not need stop tubes installed.



Current Production Trim

RE: **Stop Tube Installation**
The picture to right - slideout interior face trim needs stop tubes installed.

Early Production Trim
Needs stop tubes installed

RE: Schwintek InWall Slideout Stop Installation

Procedure consists of removal of inside face trim (D-seal) and installation of aluminum tube to act as hard stop.

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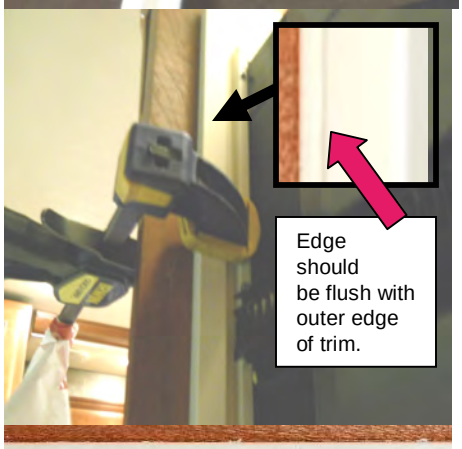
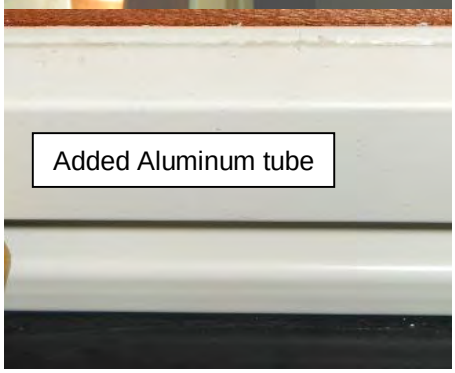
Parts Required:
Order quantity per length of slideout face trim.
Aluminum Tube p/n 183996-04-01A (6.6Ft) length.
Use construction adhesive that may be purchased locally.

1. Slideout should be in retracted position. Remove inside vertical and top horizontal face trim bulb seals and discard. Clean trim face of tape residue.

2. Measure tubes to be installed on vertical face trim. Cut to length and dry fit tubes. Next apply ¼" bead of adhesive to aluminum tube that will be installed on inside face trim.



3. Install tube on front and rear vertical face trim making sure it is flush with outer edge of trim. Clamp in place until adhesive sets up. May need to remove excess adhesive.



4. Measure tubes to be installed on top face horizontal trim. Cut to length and dry fit tubes.
Next apply ¼" bead of adhesive to aluminum tube. Install tube on top face trim and clamp in place until adhesive sets up making sure it is flush with edge of face trim.
Note: If Schwintek mechanism is being replaced, install tube on face trim from outside as due to accessibility.

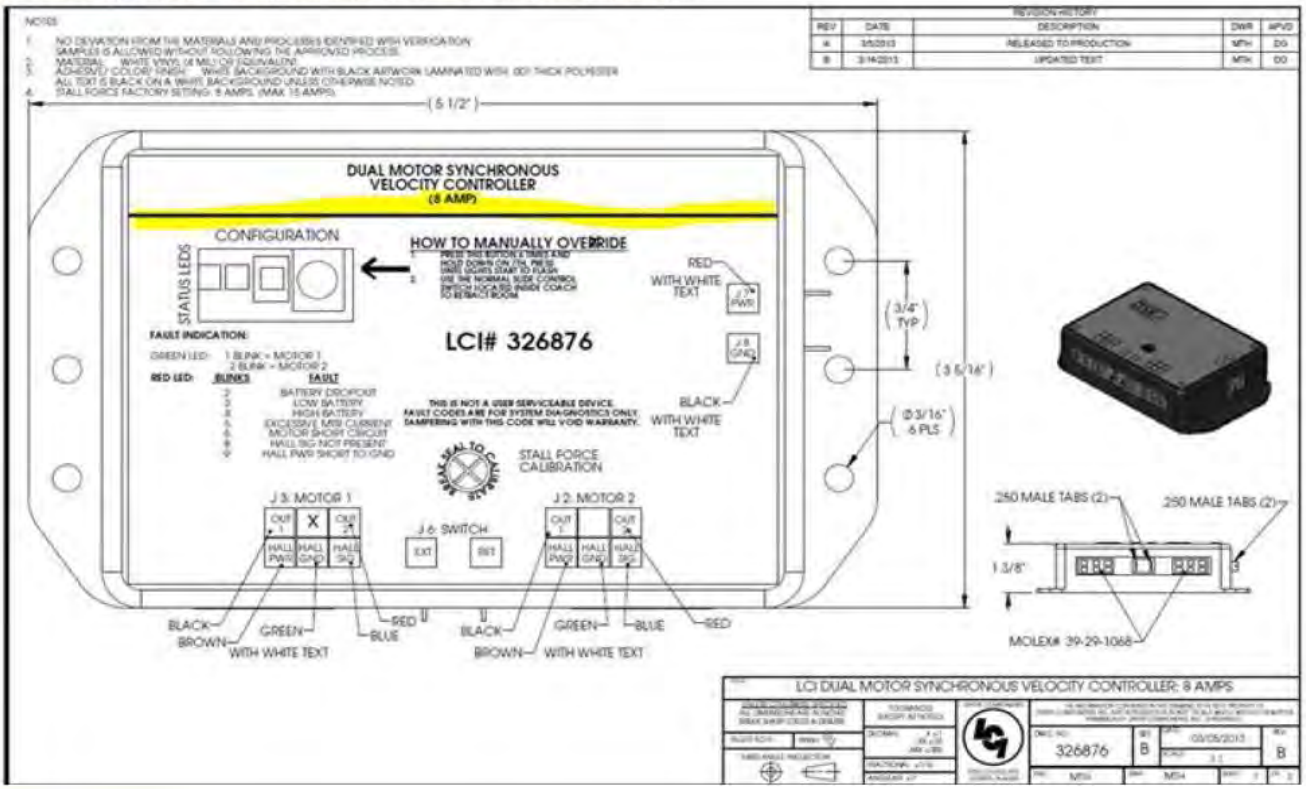
Schwintek Slide Control

New 8 amp controller for 500:1 ratio motors

Started in production 4/22/13
First Unit Serial Number 77842

186340-01-000

This is the 8 amp controller- visually identifiable by the line and the (8 AMP) designation...



Check slide control part number. It should be LCI# 326876.
If it is not this number order Winnebago p/n 186340-01-000 and replace control.

Procedure to manually resynchronize Schwintek InWall Slideout

1. Extend slideout. When one end of slideout contacts wall there will be delay and then the side that needs to catch up will extend until it contacts wall.
2. Push in button, then extend button to make sure slideout is fully extended.
3. Push in button one second, then extend button and hold until no noise is heard.
4. Push retract button. Both sides of slideout should retract. If not then repeat procedure.

Procedure to manually resynchronize Schwintek InWall Slideout

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2. Push in button, then extend button to make sure slideout is fully extended.
3. Push in button one second, then extend button and hold until no noise is heard.

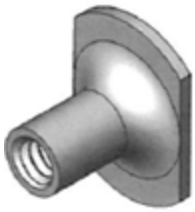
This should complete resynchronization.

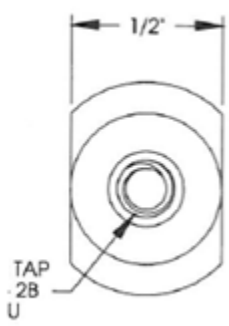
Lippert Slide Mechanism Motor Retention Fastener

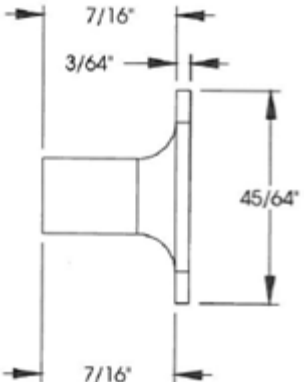
Current Production Motor Retention Fastener

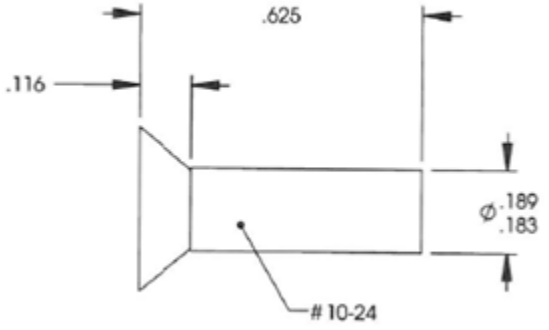
This may be added to prior manufactured Lippert InWall slide mechanism. Remove original screw from trim. Drill out hole to 3/16". Insert screw and "T" nut and tighten screw.

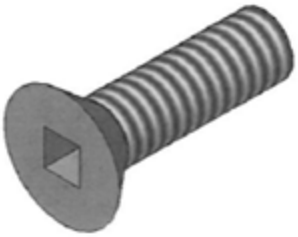
The "T" nut p/n 181862-01-702.











The Bolt p/n 181862-01-701.