CHAPTER 1 - INSTALLING THE SLIDE MECHANISM TO THE ROOM

Step 1-1:
Prepare the slide mechanism for installation to the room by first applying a sealant (foam, caulk, butyl, etc.) along the upper and lower racks as well as the vertical columns.

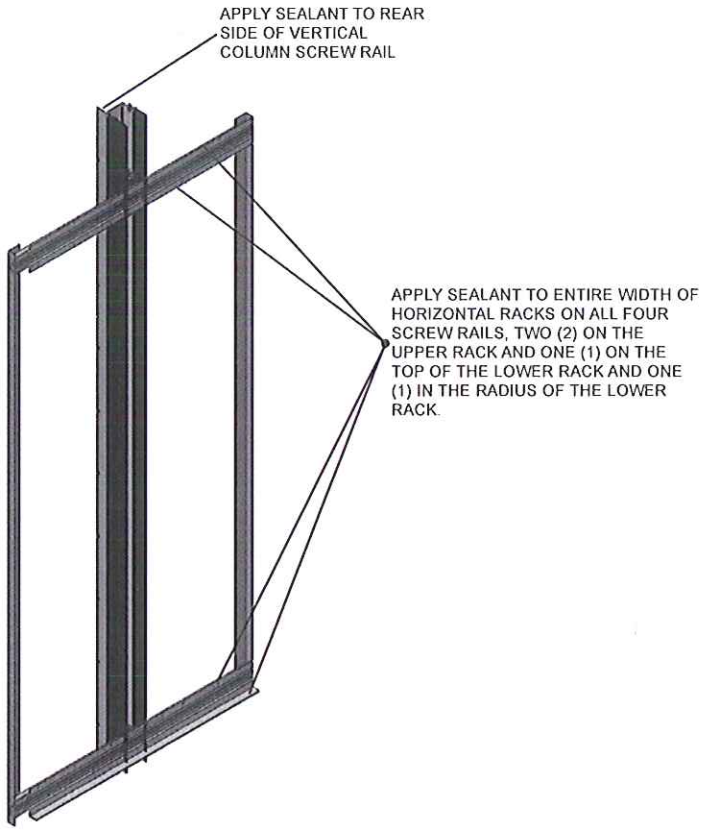


Fig. 1-1

Step 1-2:
Place the left hand unit against the side wall of the room, Fig. 1-2. Hook the lower rack alignment flange on the bottom of the room, Fig. 1-2a & "NOTE." Slide the unit to the rear placing the alignment flange of the front assembly bar flat to the front of the room. Always align the room slide unit to the front and bottom of the room.

Fig. 1-2

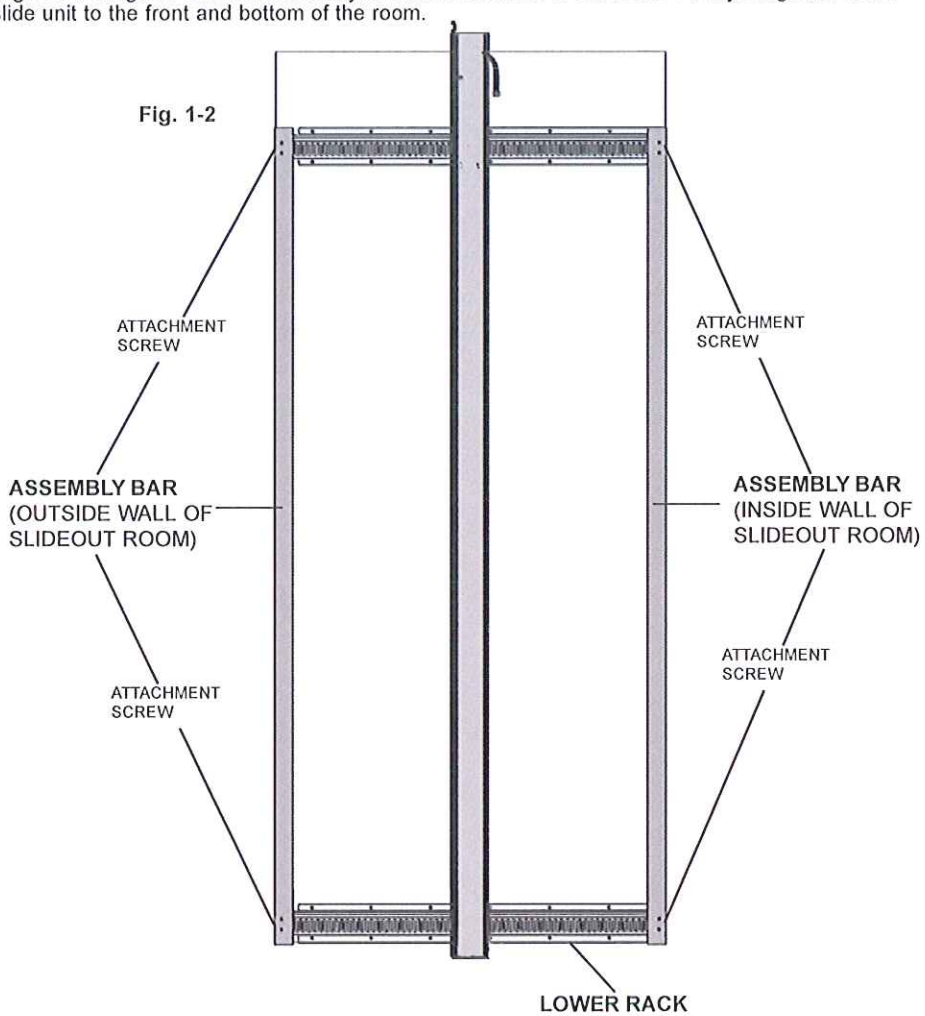
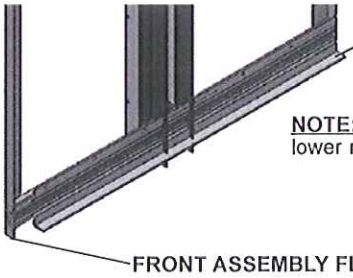


Fig. 1-2a

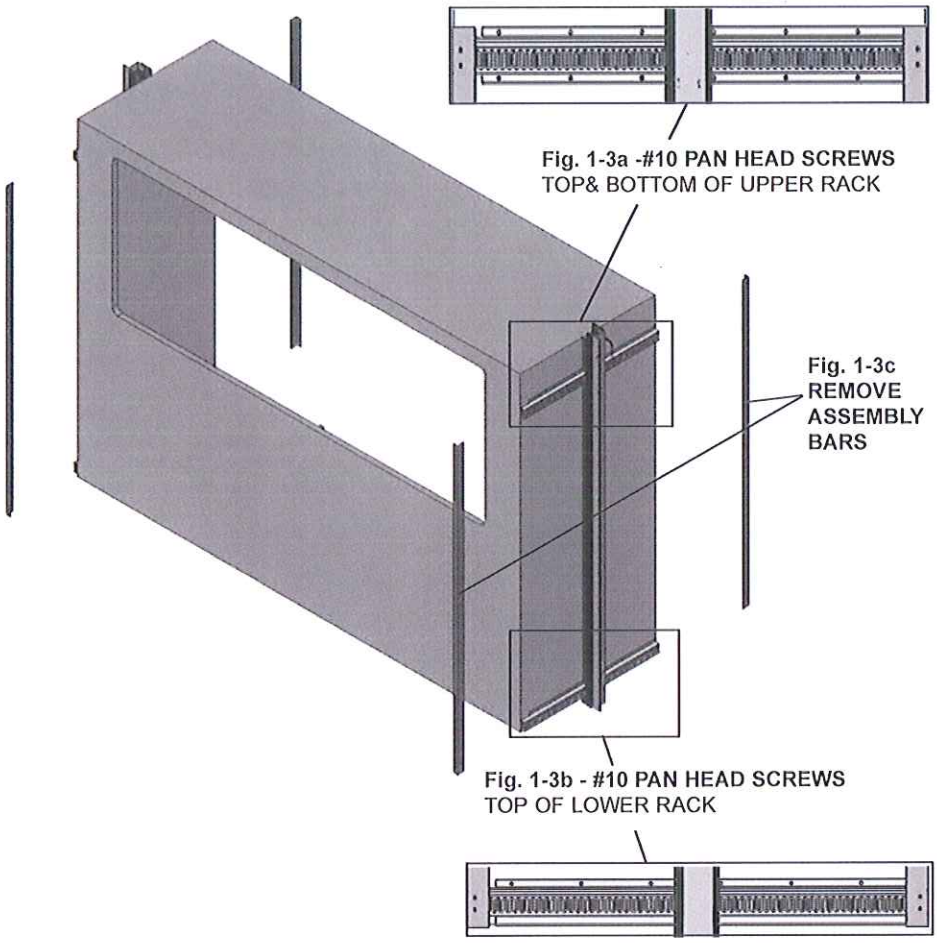


NOTE: Bottom edge of slideout floor sits on bottom angle of lower rack alignment flange.

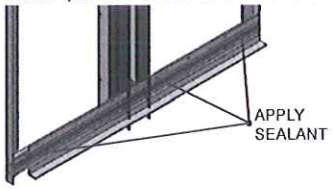
Step 1-3:
While maintaining alignment with the bottom and front of room, attach upper, Fig. 1-3a and lower, Fig. 1-3b, racks to side of room with #10 pan head screws.

Step 1-4:
Remove screws attaching front and rear assembly bars to the ends of racks, Fig 1-3c. and return assembly bars to Lippert Components, Inc.

Step 1-5:
Repeat steps 1 through 4 for attaching the right hand slide unit to the right hand side of room.



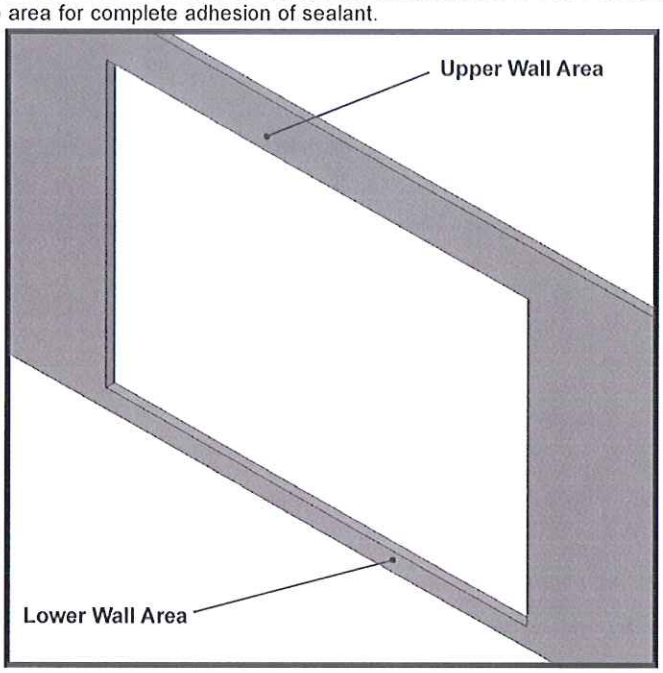
Step 1-6:
Apply sealant to 3 places, front middle and rear in the hollow section of each rack on the side opposite the "T"-molding." The inside portion of the rack must be completely sealed.



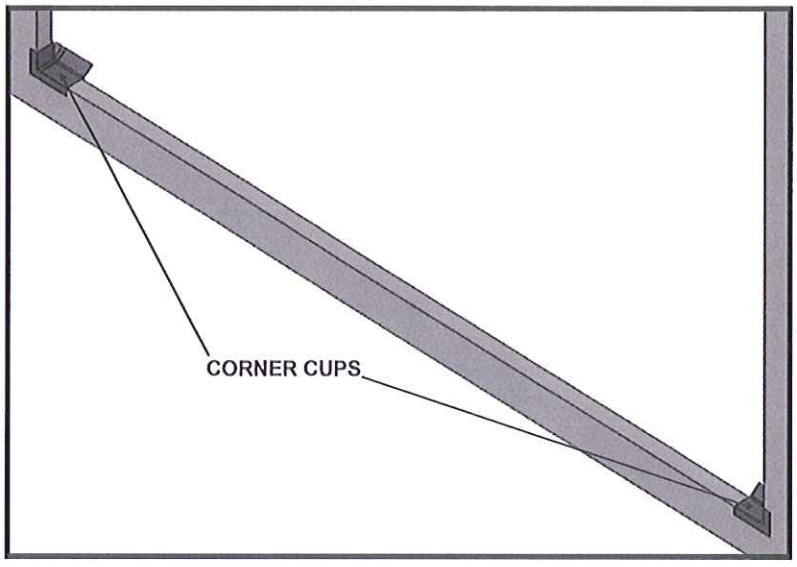
Step 1-7:
Exterior "T"-molding" may be applied at this time. The room is now ready to install into the wall opening.

CHAPTER 2 - PREPARING THE WALL OPENING

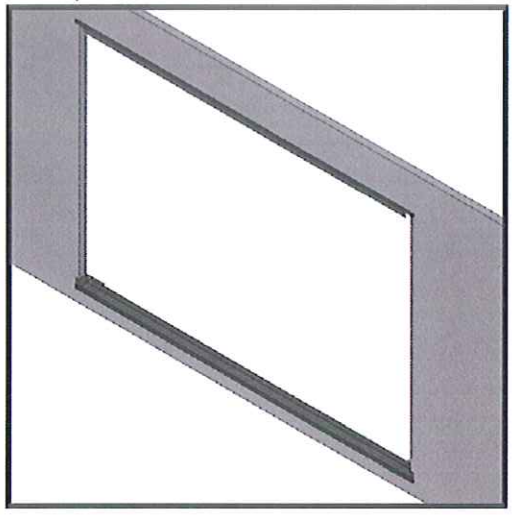
Step 2-1:
Prepare upper and lower outer wall surfaces using adhesion promoter or 50/50 alcohol/water mix to clean and prep area for complete adhesion of sealant.



Step 2-2:
Set both left and right molded corner cups. Remove tape liner from Eternabond adhesive.

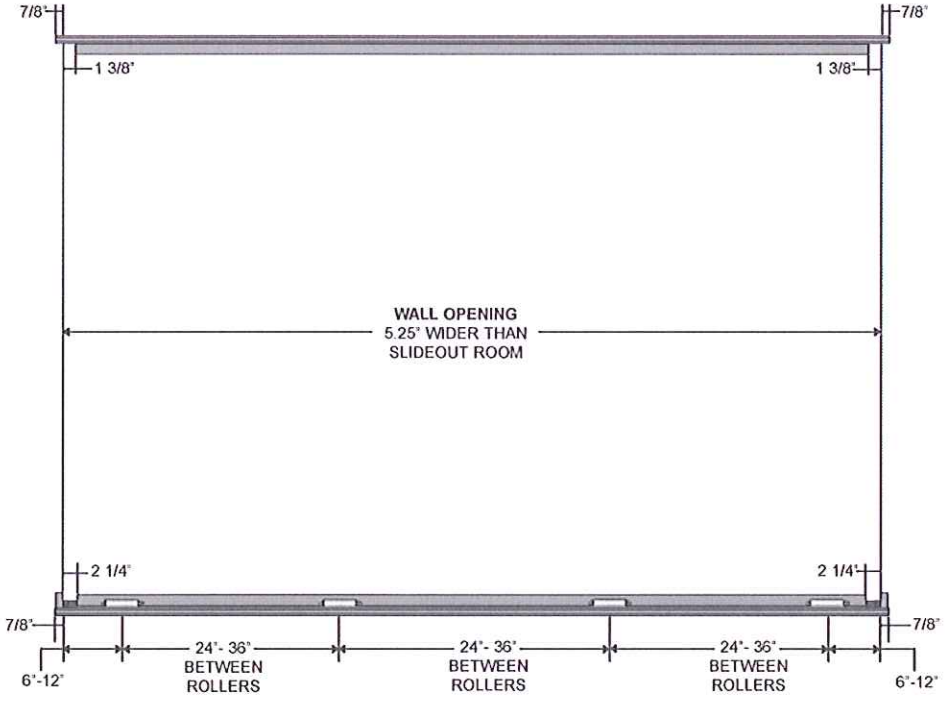


Step 2-3:
Cut lower wipe seal pan to allow a 2 1/4" gap from the edge of the wall to the edge of the pan. Remove liner from 3M tape and install as shown below.



Step 2-4:
Cut upper wipe seal to allow a 1 3/8" gap from the edge of the wall. Track extends 7/8" past wall opening on both ends. Remove 3M tape line and install with tape to outside of wall. Finish by attaching with screws or staples in the clip area for the upper and lower seals.

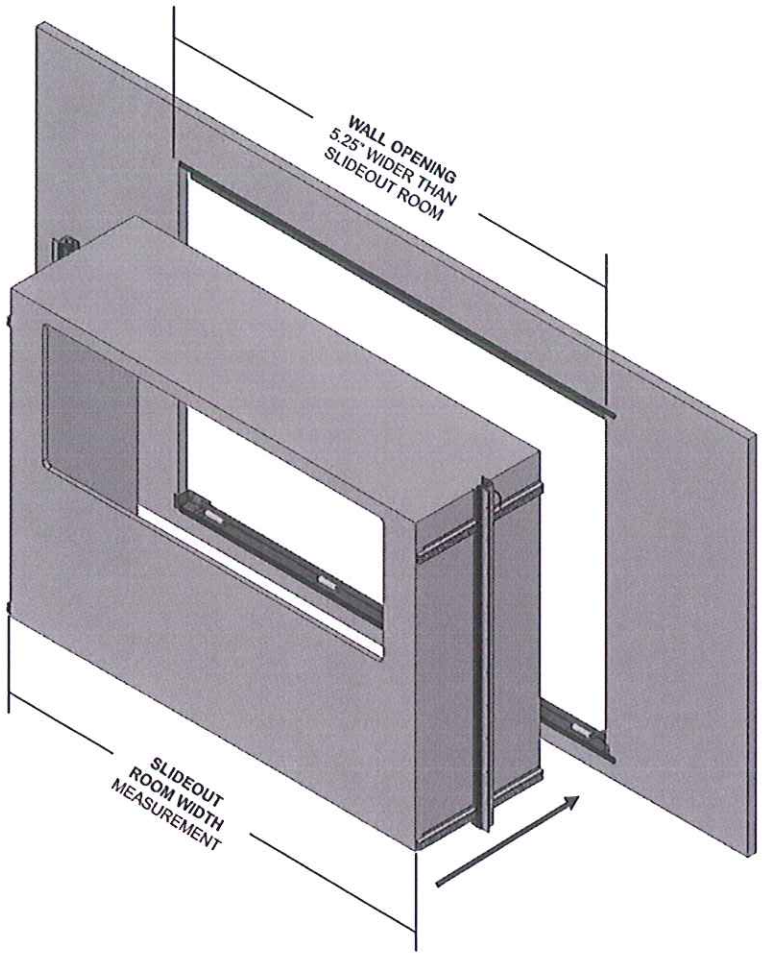
Step 2-5:
Install rollers per guidelines; end rollers 6" - 12" from wall opening side wall. Span rollers along room sill every 24" - 36" to support weight of room.



CHAPTER 3 - INSTALLING THE ROOM TO THE COACH

Step 3-1:
Measure the room width and the wall opening. The wall opening needs to be 5.25" wider than the actual room measurement. Do not attempt to install the room to the coach if this dimension is less than 5.25 inches.

Step 3-2:
Slide completed room into wall opening taking care to center support columns within the opening. At this point the room should be completely supported by both of the support columns.



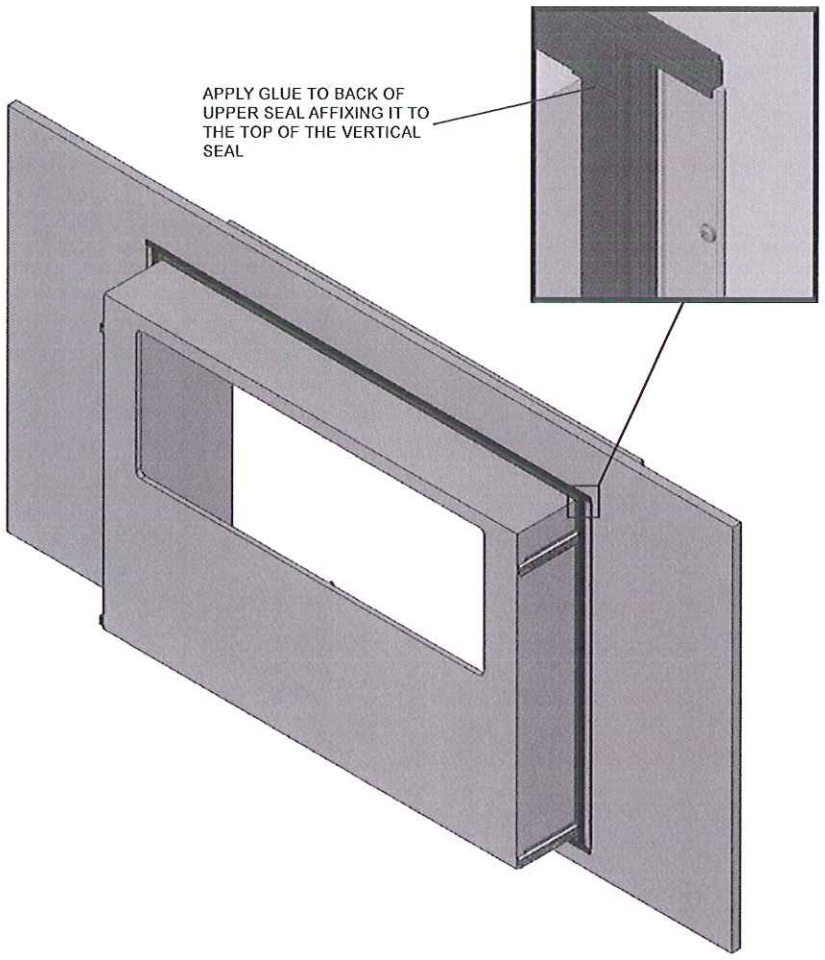
Step 3-3:
Attach right and left hand support columns to wall of coach with #10 pan head screws.

Step 3-4:
Connect the wiring harness to the motors. Wiring must be protected from all moving parts and cleanly stored to prevent wire damage and interruption during slideout operation.

Step 3-5:
Interior room fascia can now be attached.

CAUTION!
Do not attempt to operate the room until both the exterior "T"-molding and the interior fascia are attached to the slide box.

Step 3-6:
Install mechanism so that top wipe lays to the outboard side of side seals already attached to the Inwall Slideout extrusions.

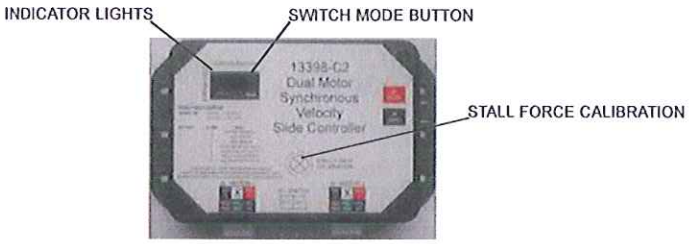


CHAPTER 4 - START-UP AND FINAL INSPECTION

Step 4-1:
Visually inspect both the inside fascia and the exterior "T"-molding and verify they are securely fastened.

Step 4-2:
Visually inspect all of the connections at the control board and verify that all of the connection are securely attached.

NOTE: Control panel must be mounted with the face visible allowing the indicator lights, switch mode button and stall force calibration accessiblefor resetting and trouble shooting purposes.



CAUTION!
System must be wired using 10 gauge wire minimum. Power to the slideout controller is to be protected by the customer supplied 30A fuse.

Step 4-3:
Visually inspect all of the rack mounting screws to verify they are tight and flush against the racks.

Step 4-4:
Homing the slide box for the first time:
a) Using the wall switch, press the "IN" button.
b) Quickly verify that both motors are moving in the same direction, if not stop immediately and remedy problem.
c) Allow the room to power all of the way in and continue pressing the "IN" button until both sides have completely stopped and the motors turn off by themselves.
d) Let off the "IN" wall switch and check the red and green LED lights on the circuit board and confirm that both are on (they will both turn off automatically after one minute).
e) If only one of the LEDs is on, go back to the wall switch, press the "OUT" button for one second and release and repeat step (a) until both LEDs are on.

Step 4-5:
Using the wall switch, extend the room all of the way out until it stops. Conduct the following inspections:
a) Verify the room did full stroke and that the interior seals are evenly compressed.
b) Verify the vertical wipe seals are in uniform contact with the side walls of the slide box.
c) Verify the upper and lower wipe seals are in uniform contact with the floor and ceiling.
d) Verify that all of the floor rollers are in constant contact with the slide box floor.
e) Verify the lower wipe seal is of proper length and is clear of all of the rollers.
f) Verify the exterior top wipe seal is overlapped and glued at each corner to the vertical wipe seal.

Step 4-6 (optional):
Connect an amp meter to the incoming power to the control board and extend and retract the room. The slide should operate at a consistent amp load through out it's entire stroke. Unusually high amps, or amp spikes during the stroke are a sure sign of a troubled installation.

PLEASE REPLACE THIS PAGE WITH THE INSPECTION SHEET WHEN DOCUMENT IS PRINTED AS A .PDF.