

TOOLS REQUIRED

Screw Gun

3/8" Deep-Well Socket

7/16" Open-End Wrench

3/8" Open-End Wrench

Needle-Nose Vice Grips

Wire strippers/crimpers

Tape Measure

REQUIREMENTS FOR INSTALLATION

Installer must ensure proper structure in coach sidewall, rough opening, and slide room design, including adequate material thickness to ensure fastener retention at designated attachment points, including standoff attachment area.

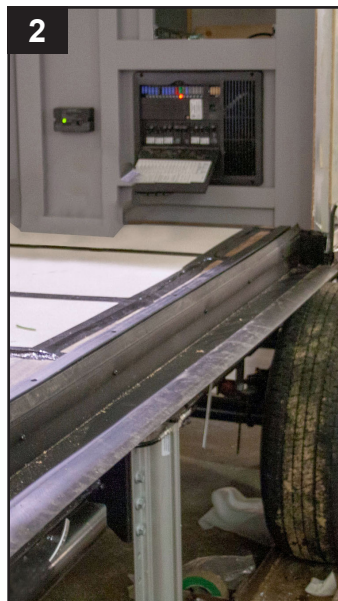
Structure of coach must be adequate to support the overall weight of the slide room, including contents, in both the extended and retracted positions.

WARNING

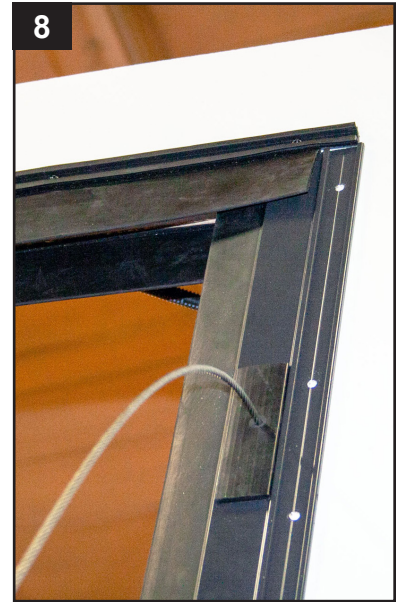
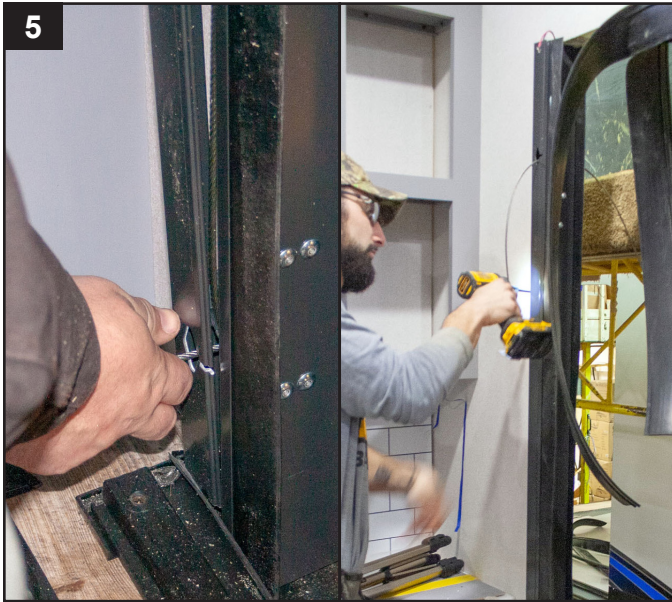
Installer and final stage manufacturer is responsible for sealing slide out mechanism and slide out room. Failure to properly seal slide out mechanism and room to coach can lead to water passage and component damage.

INSTALLATION

1. Prepare the rough opening for slide (remove all burrs, glass overhang, etc.).
2. Install sill material per manufacturer's specification; wear bar, flush floor pan, or sill with rollers.
3. Install the right and left hand side of the slide out mechanism by attaching it to the upper portion of the rough opening using #8 or #10 flat or oval head fasteners. (NOTE: If securing into 0.060, or less, aluminum tube or wood use a lag screw. If securing to anything other than the previous mentioned materials use a self-drilling screw. It is recommended to stuff vertical tubes.)
4. Check diagonals of the finished opening for square.



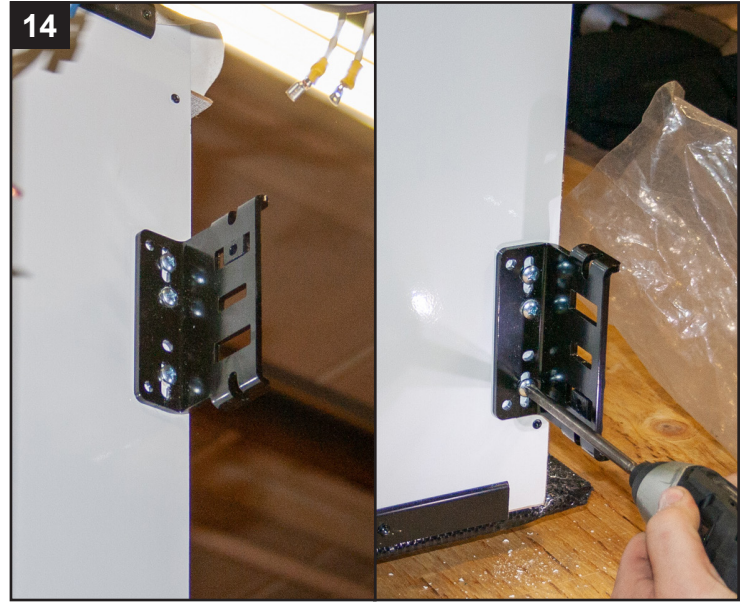
5. Install jamb clamps using #8 or #10 flat or oval head fasteners.
6. Install the interior and exterior header wipe per manufacturer preference.
7. End the interior header wipe at the jamb extrusion.
8. Notch the exterior header wipe at each end for the jamb extrusion.
9. Apply sealant under exterior header wipe along the top of jamb extrusion and towards the inside of sidewall.
(NOTE: It is the manufacturer's responsibility to make sure seal doesn't leak.)
10. Seal along the bottom of the jamb extrusion but do not seal exterior face of jamb; this step only applies to wear bar slides.



11. Determine the location of exterior standoff brackets by measuring from the top roller and/or wear bar to the center line of both bottom and top punch locations. Transfer measurements to side wall of slideout box, measuring from bottom of floor to center-line of standoff cable slot location.



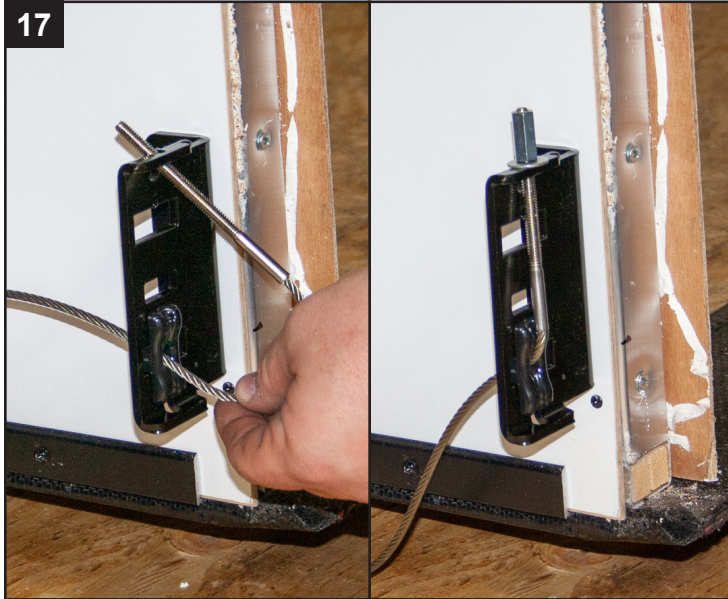
12. Install the exterior standoff brackets using #10 to #14 screws. (NOTE: When installing standoff brackets, place one screw in the center of each slot and one screw in a center hole of the standoff. It is recommended to stuff vertical tubes.)
13. Mark locations for the interior standoff brackets using same method as exterior. (NOTE: When measuring for a flush floor place the tape measure on top of the slide out floor; then one side of the interior standoffs can be installed.)
14. Install one side of the interior standoff brackets using #12 or #14 screws. (NOTE: When installing standoff brackets, place one screw in the center of each slot and one screw in a center hole of the standoff. It is recommended to stuff vertical tubes.)



15. Set slide room box halfway into opening and support box until all cables are attached.
16. Install the remaining two interior standoff brackets using #12 or #14 screws.



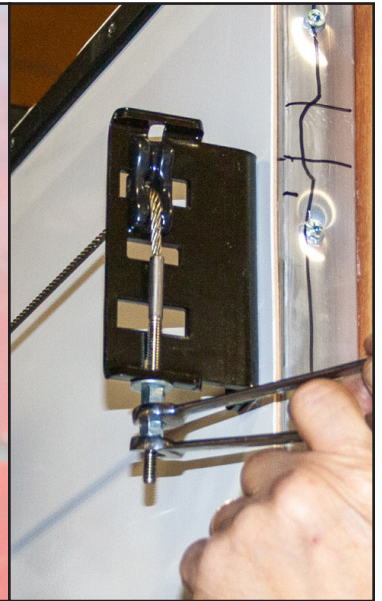
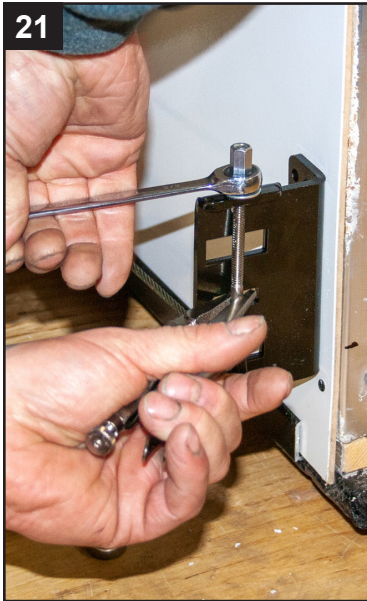
17. Attach interior cables through standoff brackets with washer and coupling nut.
18. Attach exterior cables through standoff brackets and install rubber grommets into the cable slots.



19. Run the slide room until it is within 6 inches of being fully out. Make sure all the standoff brackets and cables are lined up with the pre-punched holes in the jamb. If not, adjust standoff brackets accordingly.
20. Run the slide room in until it is within 6 inches of being fully in. Make sure all the standoff brackets and cables are lined up with the pre-punched holes in the jamb. If not, adjust standoff brackets accordingly.



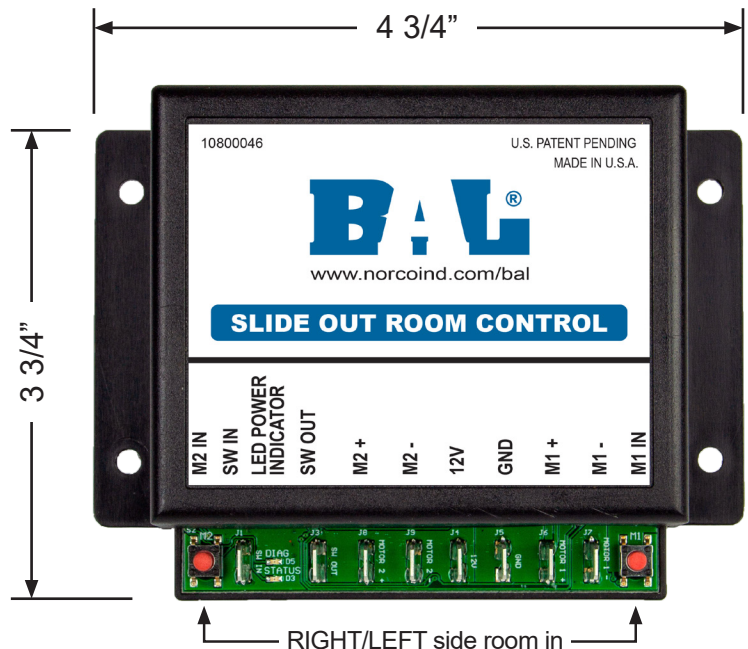
21. Run the slide room all the way in. Adjust the bottom cables first, and then the top cables.
22. Install all screws in the standoff brackets and install jamb nuts to interior cable studs.



12V ELECTRICAL WIRING

- Locate the slide out motor control in a dry interior location that is accessible.
- Connect each motor with 10ga. wire to the control.
- Supply 12V power to the control with 10ga. wire through a 30 amp. self-resetting breaker.
- Total length of wire for the above connections may not exceed 65 ft.
- Connect a SPDT or DPDT momentary center off switch to the control.

- **M1-** to motor #1 red wire
- **M1+** to motor #1 black wire
- **GND** to 12V-
- **12V** to 12V+
- **M2-** to motor #2 red wire
- **M2+** to motor #2 black wire
- **SW OUT** to switch extend
- **SW IN** to switch retract
- Provide a 12V+ to the control on either the **SW OUT** or **SW IN** to actuate the room.



CONTROL CONNECTIONS

