

To replace a cable in the BAL slide-out system, the following procedure is recommended:

1. Remove the jamb clamp from the interior wall or the side of the cable to be replaced for better access to the cable.
2. **Carefully jog the room to approximately half the travel distance.** If possible, keep tension on the broken cable while the room is moving.
NOTE: The room will need to be extended completely before the new cable can be crimped and cut to length.
3. Make a clean cut of the cable near the outside cable standoff bracket.
4. Insert both the replacement cable and the newly cut broken cable into the braided sleeve. If you have any spray adhesive available, spray the adhesive on the first 12" of each cable. If adhesive is not available, the braided sleeve will still work properly. Tape both ends of the braided sleeve with electrical tape and wrap tightly. **DO NOT BUILD UP TAPE ON THE BRAIDED SLEEVE; THIS CAN CAUSE THE CABLE TO BECOME LODGED IN A PULLEY.** It only takes about 2 wraps on the sleeve to hold; you can place more wraps on the cable area than the sleeve area due to the diameter of the cable vs. the diameter of the sleeve. The tape also ensures that the sleeve will not come off the cable if it hits a bracket during the threading process.
5. Pull and feed the cable from the outside in. (Pull on the threaded end of the cable inside the coach. It is best to have another person feed the cable from the outside while it is being pulled from the inside.) Keep the ball end of the cable from retracting into the extrusion.
6. Connect the cable to the cable standoff bracket and secure it.
7. Remove the heat shrink tube with braided sleeve from the cable and discard the old cable.
8. **Extend the room completely, to the OUT position.**
9. Insert the eye bolt into the cable/chain connector bracket and thread the coupling nut on approximately 1/2".
10. Place the ferrule on the cable and loop the cable end through the eye bolt and back through the other side of the ferrule.
11. Take as much slack out of the cable as possible, and place 3 crimps on the ferrule.
12. Reinstall jamb clamp.
13. Before finishing the adjustment, inspect the cable bracket location for proper alignment. Improperly aligned brackets cause most cable failures. With the room extended and retracted 6" the exterior and interior cables should be level with the hole in the jamb.
14. Tighten the coupling nut to readjust the cable tension. If all cables need to be adjusted, follow the adjustment procedures until each cable reaches 1/2" deflection with the room in the extended position.
15. Replace the anti-vibration foam blocks over each coupler/adjustment nut.

Left Front Adjustment Bracket: The front left cable adjustment bracket controls the tension for the left side of the room to seal when it is shut. The top cable screw adjusts the bottom of the room. The bottom cable screw adjusts the top of the room.

Left Rear Adjustment Bracket: The rear left cable adjustment bracket controls the tension for the left side of the room to seal when it is open. The top cable screw adjusts the bottom of the room. The bottom cable screw adjusts the top of the room. The same goes for the right side of the room.

IMPORTANT: THIS SYSTEM IS A GIVE AND TAKE SYSTEM; BEFORE TIGHTENING FOR FIT, MAKE SURE YOU HAVE ENOUGH SLACK IN THE OPPOSING CABLES FOR THE REQUIRED ADJUSTMENT.