Liftco INC.
24076 Reedy Dr.
Elkhart, IN 46514
(574)-266-5551 (Office)
(574)-206-9296 (Fax)

COMPLETE MOTORIZED GLIDE OUT ADJUSTMENTS PROCEDURE MANUAL #400011

The following procedures are used to acquire proper seal for Glideout room. These procedures are dependant on a proper Glideout room installation from the *installe*r before any adjustments are made.

If a gap is present from behind the outside trim molding (Glideout in the IN position) or from behind the inside trim (Glideout in the OUT position), adjust the room using outside adjuster bolts (located at each outside bottom corner of Glideout) as follows:

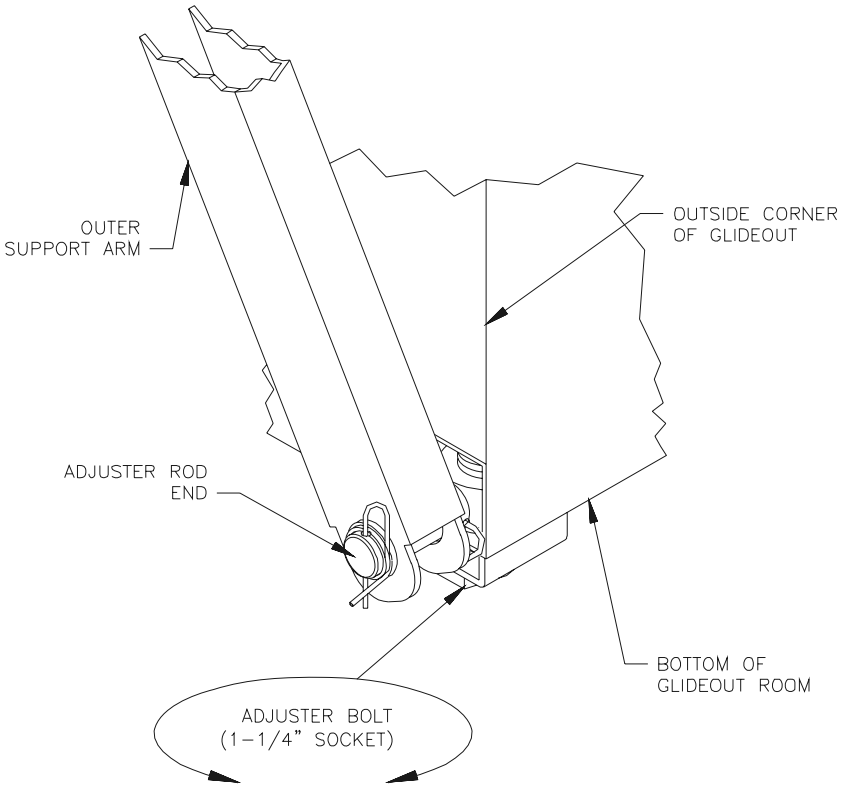
1. Position entire Glide Out room at least half way out.

2. From the outside-bottom corner on the same end of where the gap is present, place a 1-1/4" socket onto the head of the adjuster bolt (see illustration bellow).

3. If a gap is present from either the outside trim *top* of the room (Glideout in the IN position) or from the inside trim bottom (Glideout in the OUT position), rotate the adjuster bolt in a *clockwise* direction. Small adjustment increments should be made. For every 1/4" of gap present at the top or bottom, an approximate of 1/8" of adjuster rod end downward travel maybe required (i.e. 2:1 ratio).

4. If a gap is present at either the outside trim *bottom* of the room (Glideout in the IN position) or from the inside trim top (Glideout in the OUT position), rotate the adjuster bolt in a *counter-clockwise* direction. Small adjustment increments should be made. For every 1/4" of gap present at the top or bottom, an approximate of 1/8" of adjuster rod end upward travel maybe required (i.e. 2:1 ratio).

5. After adjustment(s), run the room both inward and outward to check for proper seal. Continue this process until proper seal is achieved. It may or may not be necessary to adjust *both* adjuster bolts. This will depend on the desired result and each application may vary.



If further adjustments are required beyond the capability of the adjuster bolts, the inside floor rollers (if equipped) may be adjusted to aid in the proper sealing process as follows:

6. Position entire Glide Out room at least half way out.

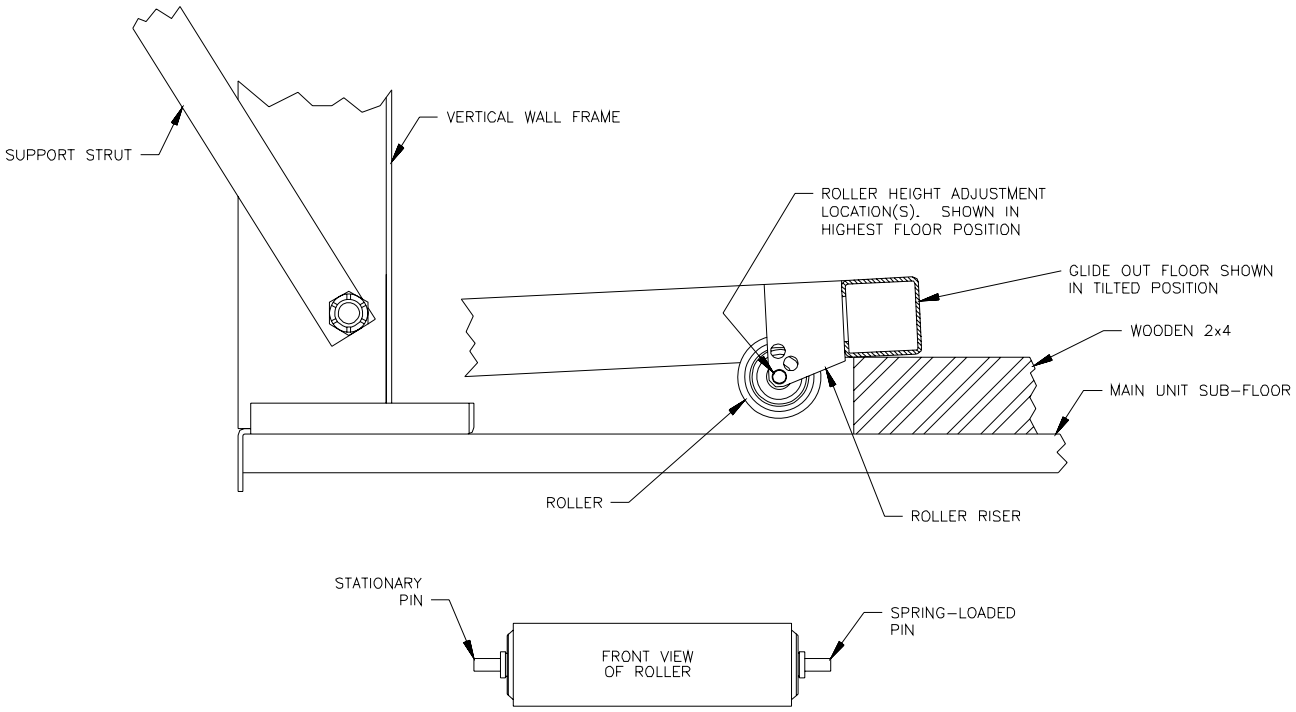
7. From the inside-bottom of floor, tilt room up and out only enough to get an edge of a wooden 2"x4" propped underneath the bottom of Glide-Out floor (see Illustration bellow).

8. To remove roller from roller bracket that is attached to bottom of Glide-Out floor, one pin at the end of the roller is spring-loaded and must be pushed inward. Push the pin inward until roller can be removed from bracket.

9. The roller bracket has three through holes on each end that the pins on the roller can be positioned on (see illustration below). To aid in sealing a gap if present in either the outside trim top (Glideout in IN position) or the inside trim bottom (Glideout in OUT position), select the next higher hole on each end of the bracket and slide the stationery pin at the end of the roller through one of these holes. Depress the spring-loaded pin on the roller and "snap" into place through the opposite hole located at the other end of the roller bracket.

To aid in sealing a gap if present in either the outside trim bottom (Glideout in IN position) or the inside trim top (Glideout in OUT position), select the next lower hole on each end of the bracket and slide the stationery pin at the end of the roller through one of these holes. Depress the spring-loaded pin on the roller and “snap” into place through the opposite hole located at the other end of the roller bracket.

10. Continue this process at each roller location if desired. It may not be necessary to adjust each roller to the same height. This will depend on the desired result and each application may vary. Remove the wooden 2”x4” after finishing. Once this procedure is complete, it may be necessary to make further adjustments to the outside adjuster bolts to gain the proper seal.



For a dual-rod system, if a gap is present in either the frontward or rearward portion of the Glideout once the room is fully open or closed (ex. front is sealed, but rear of Glideout has a gap present), the room is "Out of Time" and will need to be adjusted as follows:

11. Check "timing" of the floor. *Both threaded glide blocks on motor and right angle gearbox side must me at approximately the same location on each threaded-rod.*

    To check: from outside and underneath Glide Out room, measure from outside edge of floor to threaded glide block on motor side. Note this dimension. Next, measure from outside edge of floor to threaded glide block on right-angle gearbox side (opposite side of motor side). Compare these two measurements. If glide blocks are at the same approximate location (+/- 3/16"), the floor is timed properly.
    If threaded blocks are off, timing is required.

12. First, determine which threaded glide blocks are installed on the Glide Out floor (see Detail 1A or 1B). For "T"-style threaded block, skip to step 8.

13. **For original style threaded block (see Detail 1A):** From inside/top of Glide Out floor, locate and remove one of the threaded-rod access panels.

14. Position Glide Out room so that the threaded glide blocks are completely visible and accessible through access hole as shown in Detail 1A.

15. Remove the two 5/16-18 x 2-1/2" socket head cap screws from the threaded glide block (see Detail 1A).

16. Spin the threaded glide block on threaded-rod until it is in the same measured position as the opposite side threaded glide block.

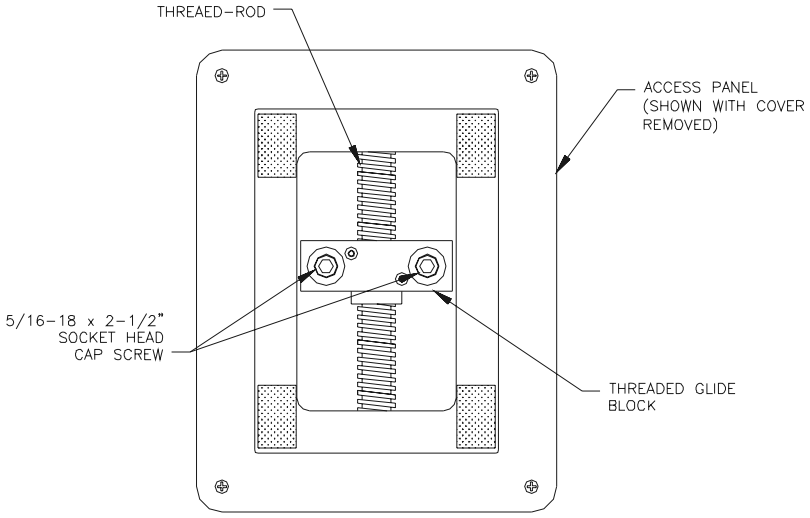
17. Push Glide Out room far enough into coach until the loosened glide block is positioned over the wall frame bottom centerpiece tab. Re-install the 5/16" socket head bolts into the aluminum threaded block (see illustration 1A). This is to anchor the aluminum block to the press nuts located on the centerpiece wall frame tab(s). When these bolts are installed, a mild lock tight should be used to keep bolts from backing out. **Do not tighten these all the way down**. Only turn bolts in approximately 1/4" below the top of the aluminum block. This is to allow the aluminum block(s) to "float" up and down with the adjustment of the Glide Out room seal adjustment(s).

18. **For "T"-style threaded block (see Detail 1B):** Position Glide Out room in the outward (extended) position.

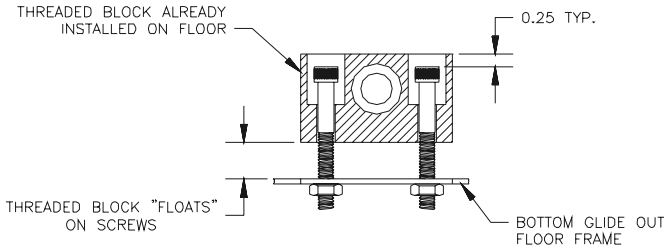
19. From outside and underneath the Glide Out room (on ***either*** the gearbox side ***or*** motor side), remove the cotter key and clevis pin from cross-shaft (see Detail 2).

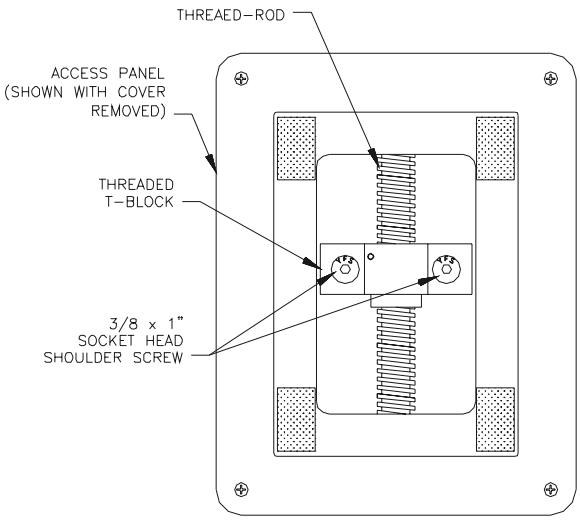
20. Using the manual cranking system for the Glide Out (usually located on the outside of the unit on the right angle gearbox side), manually rotate the rod to move the threaded block / Glide Out to be the same approximate distance measure on the opposite side (another method is to turn the cross-shaft located underneath the Glide Out that is connected to the right angle gearbox by the use of a wrench).

21. Re-install clevis pin and new cotter key (see Detail 2).

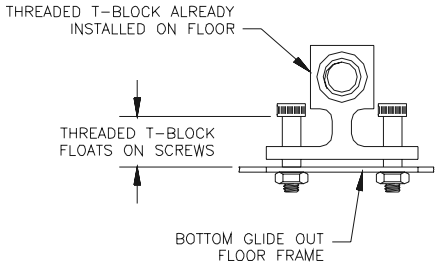


DETAIL 1A

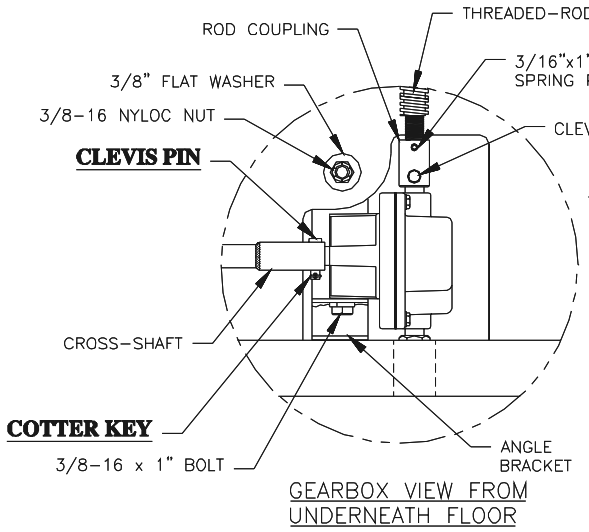




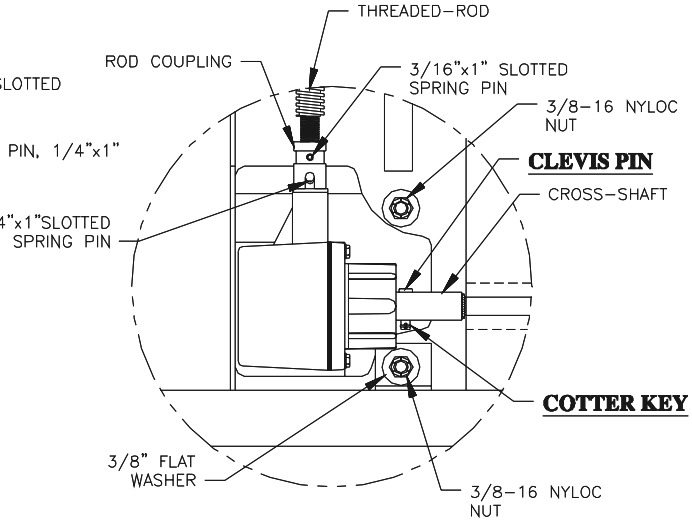
DETAIL 1B



DETAIL 2



GEARBOX VIEW FROM
UNDERNEATH FLOOR



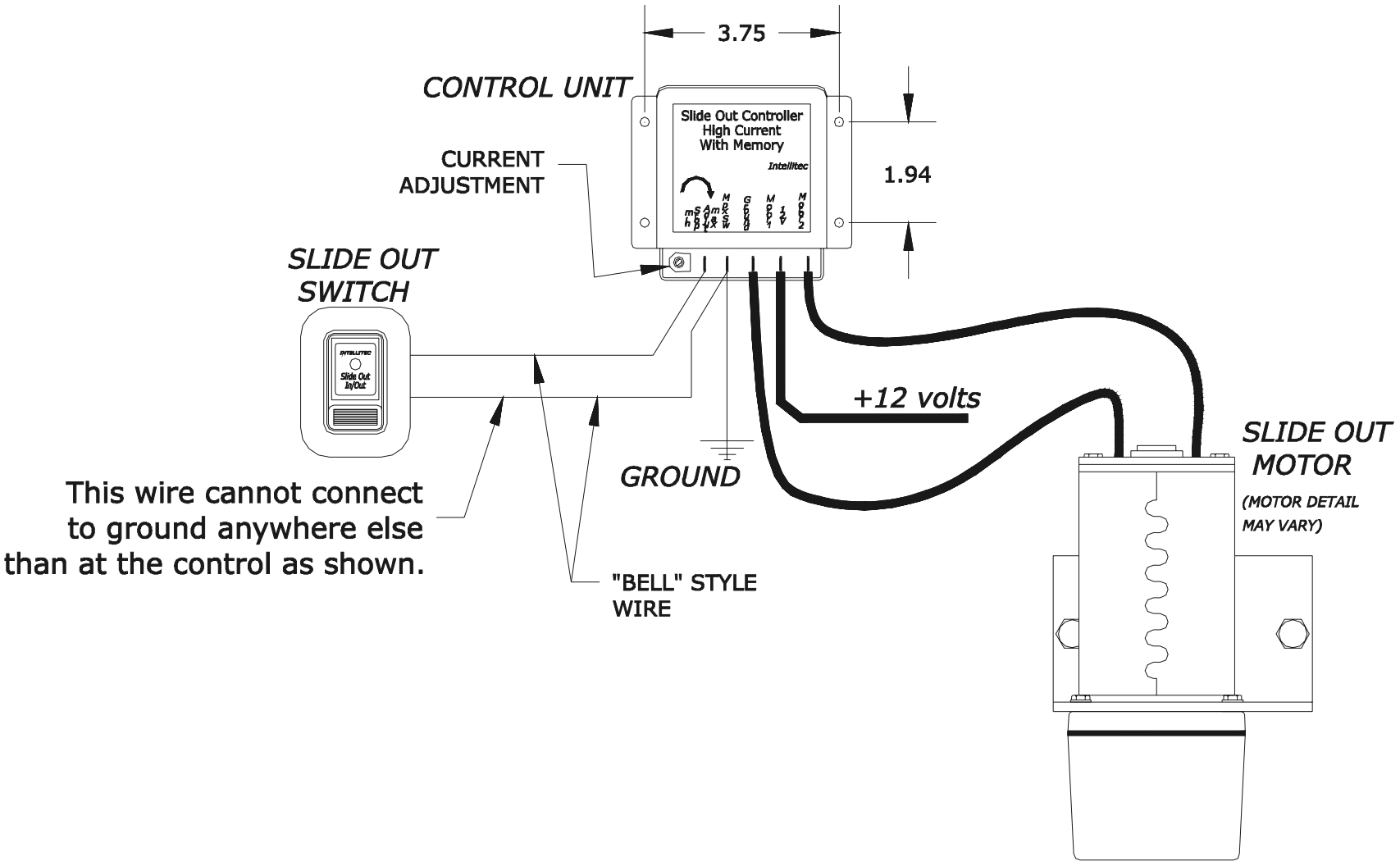
MOTOR VIEW FROM
UNDERNEATH FLOOR

If room is adjusted correctly, but is not compressing seal properly all the way around (i.e. room stops short), the current limiter on the control box may be in need of adjustment as follows (see illustration below):

Stop Current Adjustment – The controller measures motor current to sense when the mechanism reaches the end of its travel. When the current exceeds a pre-set level, the controller will shut off. This current level is adjustable by a pot, mounted on the unit. The range of this adjustment is from approximately 20 Amps to 50 Amps. If the current is set too low, the mechanism will stop before it reaches the end of travel or during start-up. If it is set to high, it may damage the mechanism or loosen the trim of the room. Note: The current adjustment pot only turns about 270 degrees. Attempts to force it further will damage it.

1. Locate the control box. Location varies per installer.
2. Using a small screwdriver, center the potentiometer.
3. Operate the room in both directions to check operation.
    a. If the controller stops before the room reaches it's normal stop, adjust the pot clock-wise about 20 degrees and try again. Repeat if necessary within the limits of the pot.
    b. If the room hits it's stop too hard (or motor does not shut-off), adjust the pot counter clock-wise about 20 degrees and try again. Repeat if necessary within the limits of the pot.
    c. Repeat steps "a" and "b" with finer adjustments if desired.

THE CONTROLLER IS NOW ADJUSTED FOR NORMAL OPERATON.


3.75
CONTROL UNIT
Slide Out Controller
High Current
With Memory
Intellitec
1.94
CURRENT
ADJUSTMENT
SLIDE OUT
SWITCH
Slide Out
In/Out
+12 volts
GROUND
SLIDE OUT
MOTOR
(MOTOR DETAIL
MAY VARY)
This wire cannot connect
to ground anywhere else
than at the control as shown.
"BELL" STYLE
WIRE