

Ballast Replacement

The ballasts are located in the center mullions and top frame rails. In the event of ballast failure or upgrade, perform the following procedures to replace the ballasts.

1. Turn the frame light switch OFF or disconnect power to the frame.
2. Remove the zipper strips and the contacts plates covering the frame or mullion raceway, as outlined in the frame disassembly section.
3. Each mullion or frame section contains more than one ballast. Locate the ballast in need of replacement. **(A-B)**
4. Unplug the lower, eight (8) pin connector by pressing down on the connector latch and gently pulling the two connectors apart. **(C)**
5. Unplug the upper three (3) pin connector by pulling the pin and receptacle plugs apart.
6. Using a phillips-head screwdriver, loosen the screw securing the lower portion of the ballast to the raceway. **(D)**
7. Hold the ballast in place then loosen and remove the screw securing the top of the ballast and remove the ballast from the frame. Set the screws aside for reuse.
8. Place the replacement ballast in the raceway in the same configuration that the removed ballast was in, prior to its removal, with the bottom ballast flange inserted beneath the lower screw.
9. Align the ballast top mounting hole with the mounting hole in the raceway and tighten the lower screw.
10. Insert the top mounting screw and tighten using a phillips-head screwdriver, until the top of the ballast is nearly (but not completely) secure.
11. Tighten the lower mounting screw to secure the bottom of the ballast.
12. Using a phillips-head screwdriver, tighten the top screw, securing the upper portion of the ballast until the ballast is totally secure.
13. Re-acquire the three (3) pin conductor push-wire connector and mate it with the three (3) pin plug connector from the replacement ballast. **(E)**
14. Insert all three pins from the male plug into the three female connector receptacles until the male plug snaps into place.
15. Re-acquire the female eight (8) pin frame connector and mate it with the eight (8) pin male connector from the replacement ballast. **(F)**
16. Insert all of the pins from the male plug into the eight female connector receptacles until the male plug snaps into place or is secure.

NOTE: Some replacement ballasts differ in size to the original. Refer to the Product Update Bulletin in Appendix A-1 through A-3 of this document.

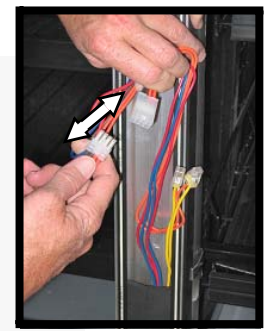
NOTE: Some replacement ballasts require adapters for the pin connectors.



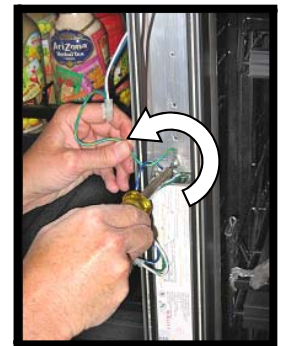
A



B



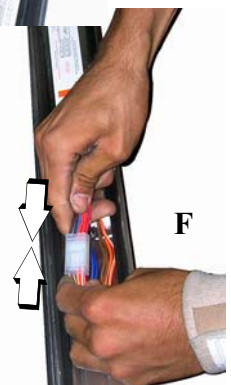
C



D



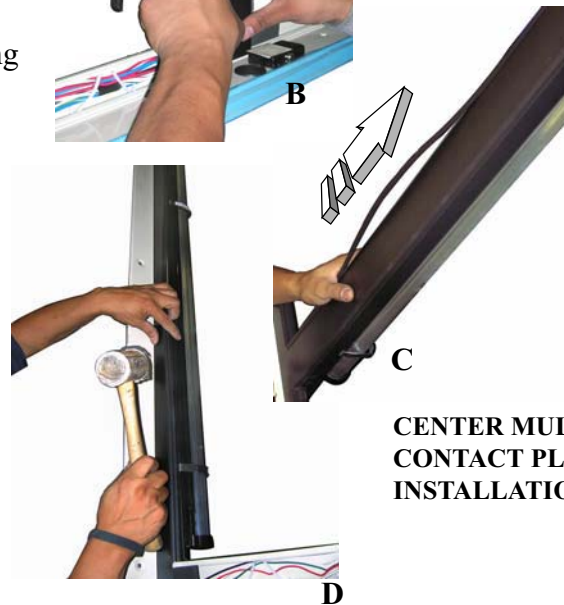
E



F

Frame Reassembly

1. Place the contact plate over the frame or mullion raceway. (A)
2. Align the contact plate in the center of the raceway. (B)
3. Place one end of the zipper strip in the corner of the frame and press it in until it snaps into place. (C)
4. Pressing the contact plate firmly against the frame raceway cover, slide along the frame corner, inserting the remaining zipper strip into the groove adjoining the contact plate to the frame rail or mullion.
5. Confirm that the entire zipper strip is completely inserted over the frame corner.
6. If necessary, use a plastic or rubber mallet to facilitate the zipper strip installation by tapping the zipper strip into place.(D)



CENTER MULLION CONTACT PLATE INSTALLATION



FRAME CONTACT PLATE INSTALLATION

