# LCD OCS/COD/OCB Compact Flash Replacement Instructions

Note: If replacing both Compact Flash and external fans, REPLACE fans first.

Replacing Flash in a Model 7.0 Hybrid

1. Locate the red/white Everbrite converter box which typically is located in the back office equipment rack or mounted near the drive-thru POS terminal.

2. Remove the power cord from the "**Input: 5VDC**" jack to power off.

3. Remove the converter from the wall to access the rear of the box – the Compact Flash is located behind an access hatch plate.

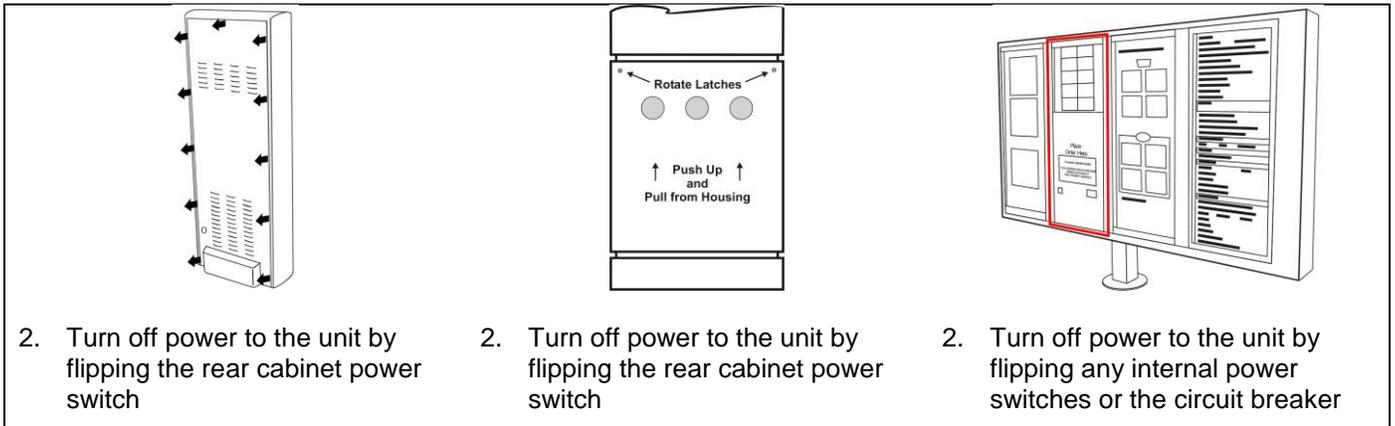4. Remove the access plate screws and set them aside.
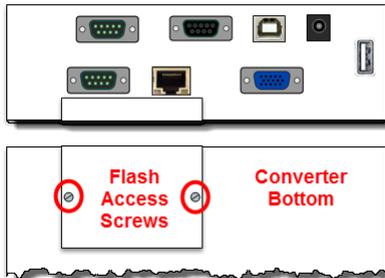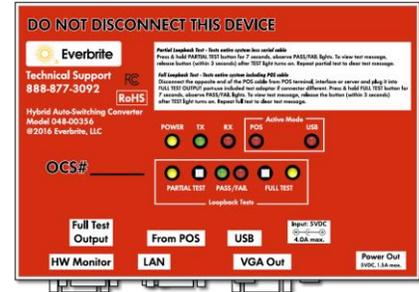
5. Slide the old Compact Flash card out from its carrier on the computer board. Note the computer board number printed on the card's label (9389 etc.).

6. Carefully slide the new Compact Flash card with the same computer board number into the carrier until it stops. Make sure that the new card contains the same computer board number as the old card or the system will not work correctly.

7. Replace the Compact Flash access plate and reinsert the access screws and carefully tighten. Ensure that the screws are not overtightened.

8. Reinsert the wall adapter's power cord into the "**Input: 5VDC**" jack and verify proper operation on COD outside.

9. Reinstall the converter if removed from the wall or a surface.

Replacing Flash in a Model 4.x, 5.x or 6.x

Proceed by choosing one of the listed enclosure types:

Freestanding Monolith	Canopy Mount	Menuboard
1. Remove all rear-panel outside 8-32 Phillips-head <u>or</u> T15 Torx-head screws (½") and retain for later:	1. Remove the rear OCS access panel (with vents) by unlocking the two top corner latches and pulling the panel up and away:	1. Open the front OCS access panel by rotating the unlocking latches and swinging the door open:

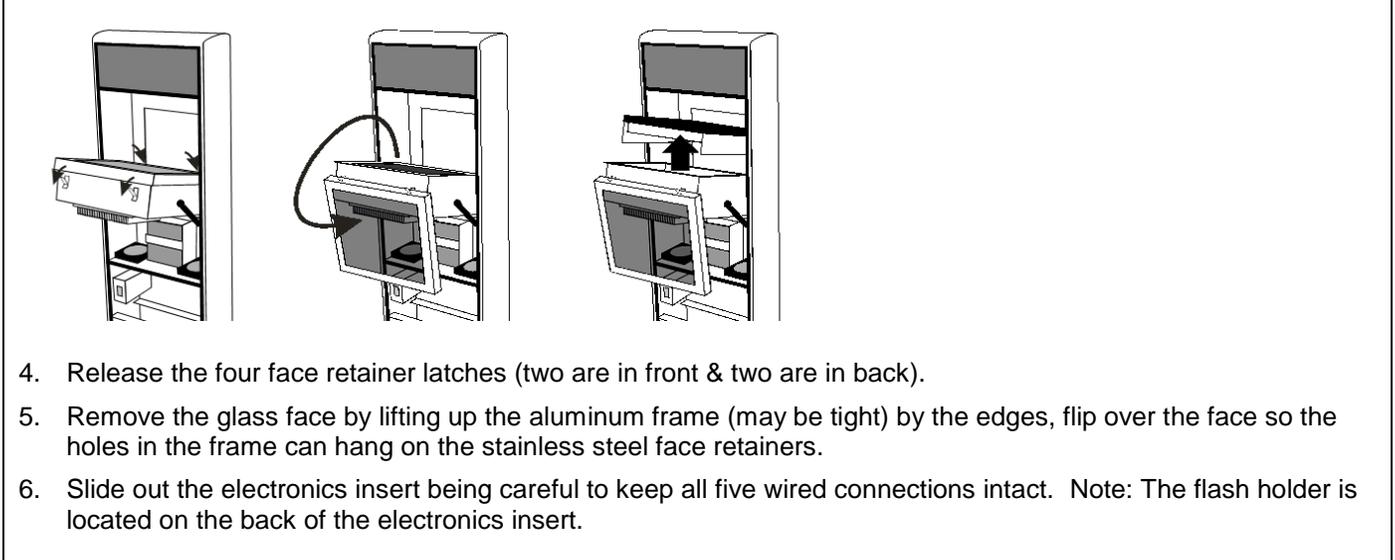| 2. Turn off power to the unit by flipping the rear cabinet power switch | 2. Turn off power to the unit by flipping the rear cabinet power switch | 2. Turn off power to the unit by flipping any internal power switches or the circuit breaker |

Accessing the Compact Flash

Proceed by choosing one of the electronics enclosure types:

Models 4.0 / 5.0 / 5.1

Rear Silver Heatsink   No Front Face Screws

Model 6.1 / 6.2

Rear Flash Access Plate   Front Face Screws

3. If gas shocks are present (shown above on either side), the electronics enclosure can be tilted back and down.

3. Remove the screws from the rear Compact Flash access plate and set aside. Note: If mounted within a Menuboard, electronics will need to be removed to access the back.

For Models 4.0 / 5.0 / 5.1 Only:

4. Release the four face retainer latches (two are in front & two are in back).

5. Remove the glass face by lifting up the aluminum frame (may be tight) by the edges, flip over the face so the holes in the frame can hang on the stainless steel face retainers.

6. Slide out the electronics insert being careful to keep all five wired connections intact. Note: The flash holder is located on the back of the electronics insert.

7. Remove and discard any (white) desiccant pouches from within the metal enclosure. These pouches extract humidity from the enclosure, but have been compromised.

8. Slide the old Compact Flash card out from its carrier on the main computer board (some models contain a release button that, when pushed, extract the card). Note the computer board number printed on the card's label (5820, 9371, 9388 etc.).

9. Carefully slide the new Compact Flash card with the same computer board number into the carrier until it stops. Make sure that the new card contains the same computer board number as the old card or the system will not work correctly.
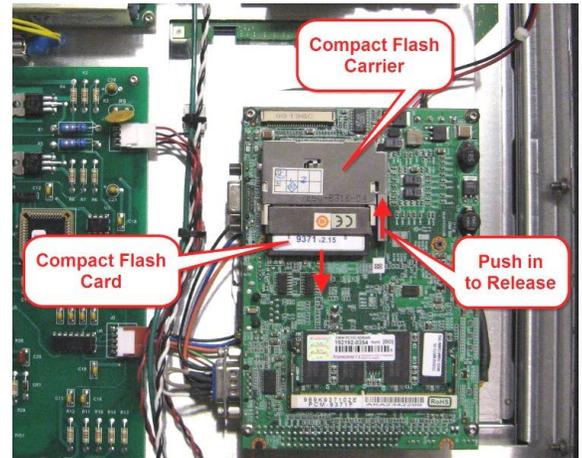
For Models 4.0 / 5.0 / 5.1 Only:

10. Slide the electronics insert back into the internal enclosure between the bottom of the box and the two retaining brackets which hold it in place (see image right).

11. **Important! Remove new desiccant(s) from protective pouch and insert into the electronics enclosure. If this isn't done, condensation will form inside the enclosure!**

12. Work backwards from this point to reinstall the glass face or the Compact Flash access plate.

13. Verify that the electronics powers up and is working/displaying orders.

Regular Maintenance

Occasionally, the back sign cover may need to be removed to vacuum out any cobwebs or debris that may accumulate over time within the sign. Any internal cleaning must be done with great care as to not damage any internal components including fans, wire connections or screening. Do not use any chemicals or damps cloths inside the side.