INTRODUCTION

The K41-0103-000 Touchscreen Display, K41-0104-000 Faceplate Kit, and K41-0110-000 Camera Window and Gasket are replacements for the Connected Access Portal - High Capacity (Model CAPXL and CAPXLV).

K41-0103-000 Carton Inventory (Figure A): LCD display and touchscreen assembly, display gasket, 3/16" screws (9), and cable ties (8).

K41-0104-000 and K41-0110-000 Carton Inventory (Figure A): Camera window, display gasket, camera mounting bracket, wing nut, 3/16" screws (9), and cable ties (8).

INSTALLATION

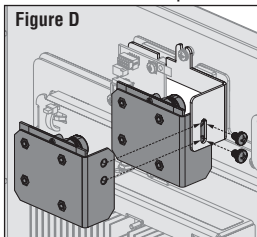### Disconnect and remove control board

1. Disconnect power to the CAPXL. Remove the PWR INPUT terminal block from the Power/Internet Board.
2. Disconnect the USB, Ethernet, computer power, and data cables from the control board.
3. Disconnect the two wires from the postal lock switch.
4. Cut the cable tie holding the data cable to the control board. **Do NOT cut the data cable.**
   Note: Use extra care removing display data cable if you are replacing the faceplate or window/gasket only and reusing the display.
5. Remove the 4 locknuts securing the control board to the CAPXL door.
6. Carefully pull the control board away from the faceplate. Disconnect the audio cable from the back of the control board. Set aside the control board.

Unplug connectors

7. Cut the 2 cable ties securing the harness to the left side of the display bracket. Do NOT cut the cables.
8. Remove the 2 mounting screws from the light sensor board and allow the board to dangle by the cables.
9. Remove 6 screws securing the Power/Internet plastic board cover in place. Remove plastic board cover.
10. Disconnect the OTS Backlit connector from the Power/Internet board.
11. Cut the 2 cable ties securing the wiring harness leading to the Power/Internet Board.
12. Cut the OTS Backlit connector off the Touch Panel harness and slide the remaining wire entirely through the braided sleeve.
    NOTE: Do not cut the connector if you are replacing the faceplate only and reusing the display. The wiring harness may be expanded to remove cable with connector attached by compressing ends of the loom together.

Remove hardware

13. Remove the 2 screws securing the microphone to the CAPXL door.
14. Remove the 4 nuts securing the speaker to the CAPXL door, carefully pull speaker from door and set inside enclosure.
15. Remove 1 wing nut securing the postal lock cover or remove 4 nuts holding postal lock in place (if equipped). Remove postal lock/cover.
16. Remove 4 locknuts securing card reader bracket in place, remove card reader (if equipped). Carefully remove reader bracket/cover.
17. Remove the camera bracket in place. Carefully remove camera/bracket and set inside enclosure.
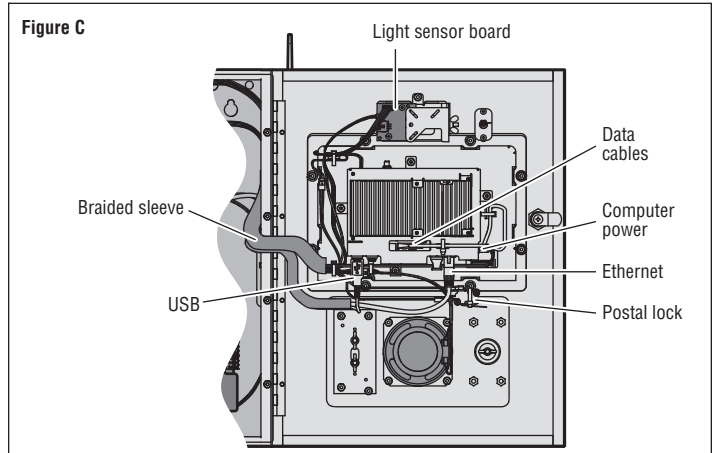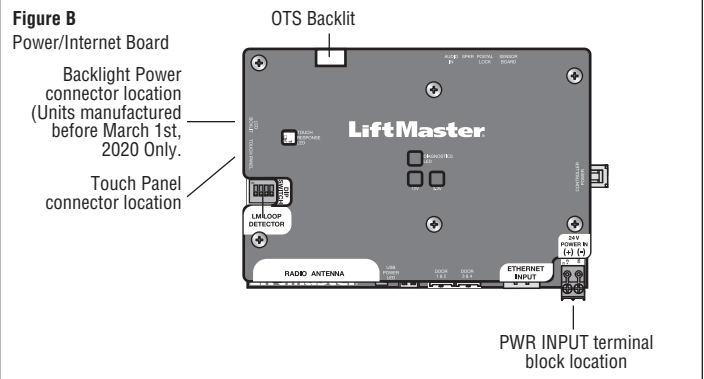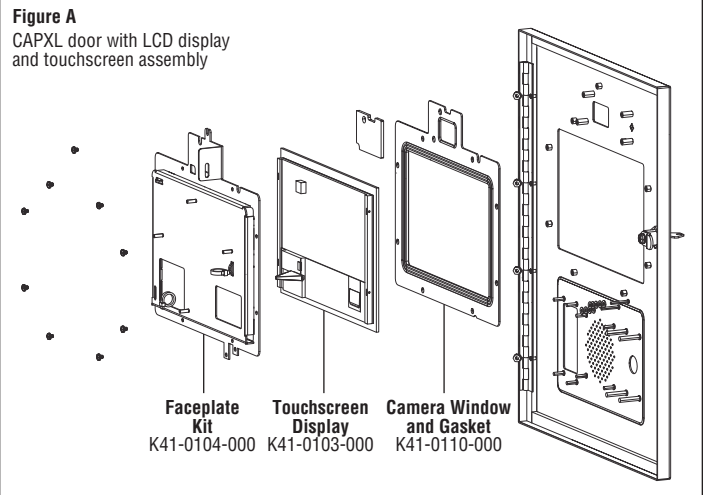   A. Manufactured before March 1, 2020: Remove 1 wing nut securing camera bracket in place.

Figure D

B. Model CAPXLV or CAPXL with CAPXLCAM: Remove 2 screws securing camera with camera bracket in place. **(Figure D)**

⚠ ⚡ WARNING

To prevent possible SERIOUS INJURY or DEATH, disconnect electric power to operator BEFORE installing.
ALL installations and electrical connections MUST be made by a qualified individual.

⚠ **WARNING:** This product can expose you to chemicals including lead, which are known to the State of California to cause cancer or birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

Figure A
CAPXL door with LCD display and touchscreen assembly

Faceplate Kit K41-0104-000 | **Touchscreen Display** K41-0103-000 | **Camera Window and Gasket** K41-0110-000

Figure B
Power/Internet Board

OTS Backlit

Backlight Power connector location (Units manufactured before March 1st, 2020 Only.

Touch Panel connector location

PWR INPUT terminal block location

Figure C

Light sensor board
Data cables
Computer power
Ethernet
Postal lock
Braided sleeve
USB

Remove the faceplate

18. Remove 4 locknuts securing the CAPXL door in place. Carefully remove old door/display assembly from enclosure.

19. Set the door face-down on a secured area.

20. Remove the 2 locknuts from the postal lock lever-switch. Remove the postal lock lever-switch.

21. Remove the 9 screws securing the display bracket to the CAPXL Door.

22. Cut 1 cable tie holding data cable to bracket.

23. Pull the display bracket straight back from the CAPXL door.

24. Remove the postal lock switch plastic spacers.

25. Pull the touchscreen/display back from the door.

26. Remove the camera window and gasket.

Reinstall components on faceplate

27. Install the gasket. Make sure the groove on the gasket fits into the window opening of the faceplate.

28. Set the camera window on the gasket.

29. Carefully center the display on the faceplate, avoiding installing above the metal studs.
NOTE: The display should be in full contact with the gasket and not touching any of the metal standoffs.

30. Insert the postal lock switch's plastic spacers (4 spacers on the left stud and 5 on the right, 9 in total).

31. Carefully install the display bracket above the display. Run the display wires through the right window of the display bracket.
NOTE: Inspect around the bracket and display to make sure the display is resting on the gasket, not the standoffs.

32. Install the 9 screws that hold the bracket and tighten them to 10 in/lb in the cross pattern shown in Figure E.
NOTE: It is important to tighten the screws in the specific order shown in Figure E . Utilizing the cross pattern in Figure E should aid in distributing pressure across the gasket more evenly.

33. Install postal lock switch and install 2 lock nuts securing postal lock switch.

Mount the faceplate and complete install

34. Open hinge on new CAPXL door/display assembly. Align and insert hinge studs through enclosure mounting holes.

35. Install 4 locknuts onto hinge studs while observing CAPXL door alignment to enclosure, adjusting door alignment as needed before fully tightening.

36. **Reinstall existing parts (Camera bracket, Card Reader Bracket/ Cover, Postal Lock Cover, Speaker, Microphone*, Light Sensor Board, Control Board) in reverse order from which they were removed.** *Use special care to ensure microphone boot is properl sealed to CAPXL door. Leaks could allow water to enter the chassi causing touchscreen display malfunction.

37. *Press wire look together and feed OTIS backlight power cable thro wire harness and plug into Power/Internet Board.*

38. Install Power/Internet board plastic board cover using 6 screws.

39. Install the Display Data, computer power, Ethernet.
NOTE: Take special care when inserting display data cable. The connector is keyed with the two notches at the topmost part of connector (Figure F).

40. *Connect USB cables:*
Power/Internet board to # 2 (Figure G. - Bottom Left)
Touchscreen #1 (Figure G. - Top Left)
Camera (if equipped) # 3 (Figure G. - Top Right)

41. Install (6) new cable ties securing: Display data cables, Left side of display bracket cables, and upper back-box wiring harness.

Figure E

Figure F

Notch — Notch

Figure G

Top
Right
Left
Left
Bottom

Figure H

Light sensor board
Data cables
Braided sleeve
Computer power
Ethernet
USB
Postal lock
Speaker
Nuts