

Instruction Sheet

Subject: Datalink Remote Communication Hardware Installation Kit Instructions

Models affected: LOV, OCF and FilterQuick Fryers

Follow these instructions to install the remote communication kit.

1. Disconnect the fryer from the electrical power supply and remove fryer from the hood to gain access to the rear and sides of the fryer.
2. Remove the JIB (Jug In Box) from the fryer (see Figure 1).
3. Remove the ATO box cover to gain access to the ATO box (see Figure 2).
4. It may be necessary to remove the lower fryer

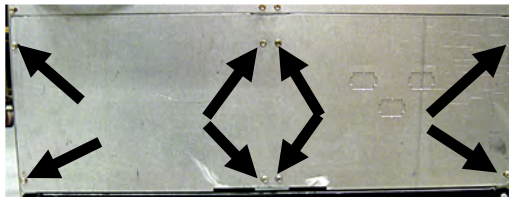


Figure 3

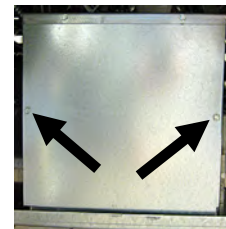


Figure 2



Figure 1

back cover to gain access to the rear of the ATO box (see Figure 3).

5. Remove the shield (see Figure 4) covering the connectors on the rear of the ATO box. If a 4 or 5 battery, this will need to be done to the ATO box behind the third door.
6. Remove the terminator with the 120 ohm resistor (see Figure 6). Attach the terminator to another nearby cable with a wire tie for future use.



Figure 5



Figure 4

- NOTE: It may be necessary to remove the two mounting screws (see Figure 5) inside of the ATO box, to position to remove the rear shield.
7. Attach one end of the supplied red CAN harness to the 6-pin connector the terminator occupied in the previous step.
8. Using a supplied spade connector, attach the ground of the red CAN harness from step 7 to an existing ground lug on the rear of the ATO box.
9. Guide the other end of the red CAN harness and ground wire used in step 7 through the upper left grommet of the ATO box (see Figure 7).
10. Guide the other supplied harness with the 6-pin female CAN connector, the green ground wire and the black and white wires through the upper right grommet as shown (see Figure 8).



Figure 7



Figure 6



Figure 8

11. Connect the female end of the 6-pin CAN connector from step 10 and the male end of the 6-pin connector from step 9 together (see Figure 9).
12. Attach supplied white and black wires to left side of supplied power supply as shown. Ensure the white wire is attached to terminal marked ACN. Ensure the black wire is attached to terminal marked ACL (see Figures 10 and 11).

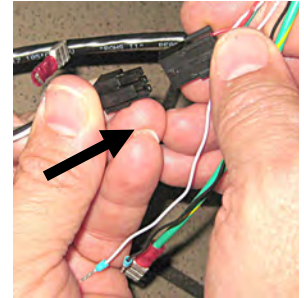


Figure 9

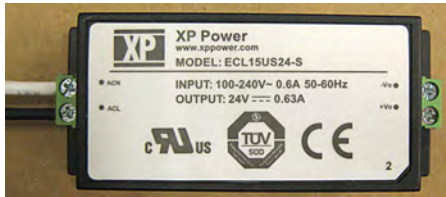


Figure 10



Figure 11



Figure 12

13. Attach the fused link to the right side of the power supply to the terminal marked +Vo. Attach a wago to the other end of the fused link. Connect the white wire from the harness in step 10 to wago. Connect the black wire from the harness in step 10 to the terminal marked -Vo on the right side of the power supply (see Figures 10 and 12).



Figure 13

14. Attach supplied VHB double sided tape to bottom of supplied power supply.

15. Peel off the opposite side of tape and mount the power supply to the bottom of the ATO box, ensuring it does not cover ATO box mounting screw holes (see Figure 13).

16. Disconnect the black and white incoming line voltage wires from the transformer. Attach a supplied piggy back connector and reconnect the line voltage wires (see Figure 14).



Figure 15

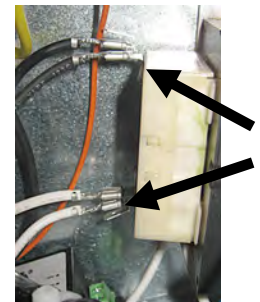


Figure 14

17. Attach the wires shown in Figure 11 above to the piggy back connectors in the previous step. Ensure the wires are attached with corresponding colors (see Figure 14).

18. Attach ground lugs to ATO mounting box screw in the bottom of the ATO box (see Figure 15). Reattach mounting screws if removed in step 5.

19. Attach the ground wires from the harness connected in step 11 above to the ground lugs installed in step 18 (see Figure 15).

20. Locate the opposite end of the communication and power harness attached to power supply and route out the rear of the fryer (see Figure 16).

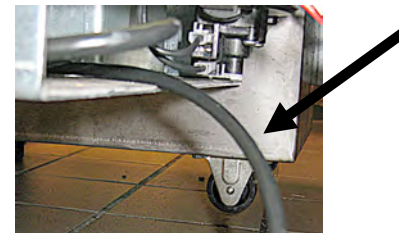


Figure 16

21. Remove the nuts securing the communication box to the base.

22. Using the base of the communication box as a template, position it on the underneath side of the frame channel between right front and rear casters. Mark screw locations (see Figure 17). NOTE: The position of template in reference to the ATO box.



Figure 17

23. Using a right angle drill and supplied self-tapping screws to drill the mounting holes for the communication box (see Figure 18).
24. Attach the communication/power harness to the communication box by inserting the LAN connection and twisting the connection housing to secure (see Figures 19 and 20).
25. Reattach base to communication box.
26. Attach the communication box to the underneath side of the fryer box (see Figure 20).
27. Attach antenna to antenna connector (see Figure 21).
28. Secure a loose tie wrap around the antenna to the frame (see Figure 21) to protect the antenna.
29. Route the USB cable next to the antenna up through the opening on the frame (see Figure 22).
30. Attach the USB cable to the rear of the USB plate (see Figure 23).
31. Attach the USB plate inside the cabinet door as shown (see Figure 24).
32. Tuck wires behind the channel the USB plate is attached to in step 31.
33. Reverse steps to reassemble and return fryer to operation.
34. Once the fryer is powered up, look for the blue LED light emitting from the communication box onto the floor ensuring it is powered up. It may be necessary to use a mirror or piece of paper held under the box to see blue LED light on bottom of communication box (see Figure 25).



Figure 18



Figure 19



Figure 20



Figure 21



Figure 22



Figure 23



Figure 24



Figure 25