Hoshizaki Push-Button to Opti-Serve Conversion Kit
SP-5550 and SP-5552
For Use with DCM-300BAH Auxiliary Code F-1 and Later, DCM-500BAH and DCM-500BWH Auxiliary Code H-0 and Later, DCM-751BAH, DCM-751BWH, and DCM-752BAH

Check to ensure that all parts are included:

Index No.	Description	Model	SP Kit	Part Number	Qty.
1	Opti-Serve Apron Panel Assembly (includes OS sensors with connectors)	**DCM-300/500B_H**	**SP-5550**	1A6139A01	1
2	Opti-Serve Apron Panel Assembly (includes OS sensors with connectors)	**DCM-751B_H DCM-752BAH**	**SP-5552**	1A6147A01	1
3	Plastic Insert		All	4A0586-06	2
4	Insulation Tubing		All	7762-0717	1
5	Nylon Tie		All	8911-0200	6
6	Wiring Label		All	3B0792-01	1
7	Conversion Label		All	4A6944-01	1

⚠ WARNING

- Only qualified service technicians should install this kit to reduce the risk of death, electric shock, serious injury, or fire.
- No service should be undertaken until the technician has thoroughly read these instructions. Failure to follow these instructions will adversely affect safety, performance, component life, and warranty coverage and may result in costly water damage.
- To reduce the risk of electric shock, do not touch the power switch, control switch, or plug with damp hands.
- **Before Servicing:** Move the icemaker's power switch to the "OFF" position. Turn off the power supply. Place the disconnect (if applicable) in the off position. Lockout/Tagout to prevent the power supply from being turned back on inadvertently.
- The manufacturer cannot be held responsible for injury or damage resulting from improper, incorrect, and unreasonable use or installation.

IMPORTANT

These SP kits are designed specifically for use with control board; 2A4296-01, 2A8084-01, or 2A9093-01. The use of these SP kits with a control board other than those listed is not permitted.

Push-Button Removal Instructions

1) Move the power switch to the "OFF" position, then turn off the power supply. Lockout/Tagout to prevent the power supply from being turned back on inadvertently.
2) Remove the front panel. Unplug the push-button connector. See Fig. 1. Set the front panel aside.
3) Remove the control box cover. See Fig. 2.
4) Unplug the control board K7 ice and water push-button connectors. See Fig. 2. Using a nylon tie provided in this kit, secure the push-button connectors in a safe out of the way location in the control box.

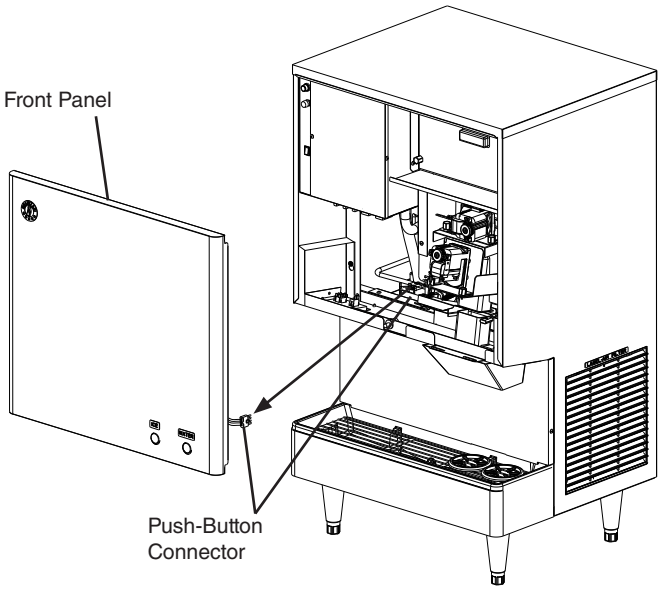


Fig. 1

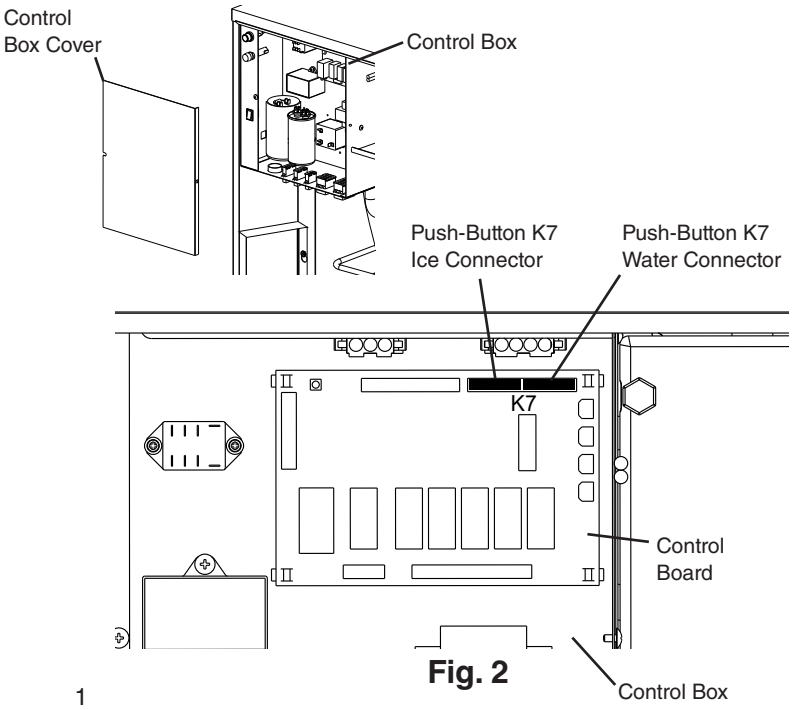


Fig. 2

5) Disconnect the dispense mode switch wires (5VDC). See Fig. 3. Wrap each removed connector with electrical tape (not provided), then secure the 3 wires together with a nylon tie provided in this kit in a safe out of the way location in the dispense mode switch area.
6) Remove the front panel push-button assembly from the push-button assembly bracket and discard. Remove the "ICE" and "WATER" labels from the front panel. See Fig. 4.
7) Place the 2 plastic inserts provided in this kit into the holes in the front panel where the push buttons were located. Set the front panel aside.
8) Remove the apron panel and discard. See Fig. 5.

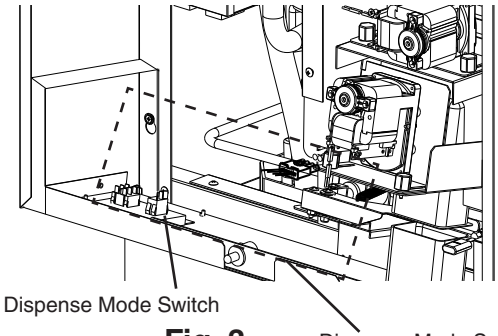


Fig. 3

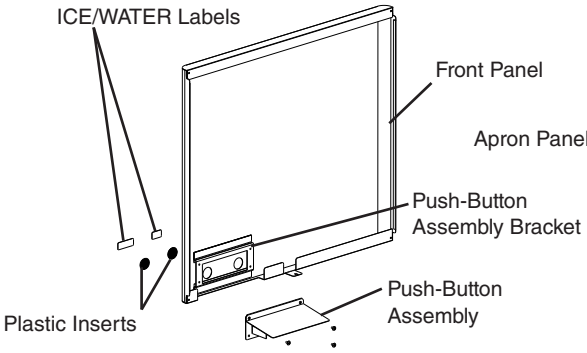


Fig. 4

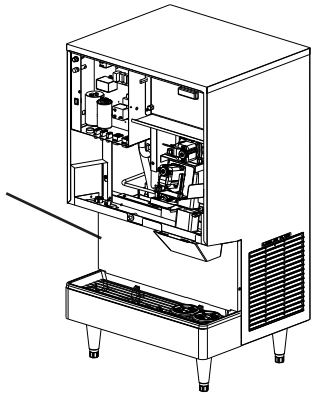


Fig. 5

Opti-Serve Installation Instructions

9) Rest the opti-serve apron panel assembly provided in this kit, in its correct orientation on the drip tray (do not secure at this time), then route the opti-serve sensor wires into the dispense mode switch area. See Fig. 6. Note: When routing the opti-serve sensor wires, route them to the right side of the drain hose, then over the discharge line (not under) up into the dispense mode switch area.
10) Next, route the opti-serve control board K7 ice and water connectors into the control box through the plastic bushing. See Fig. 6.

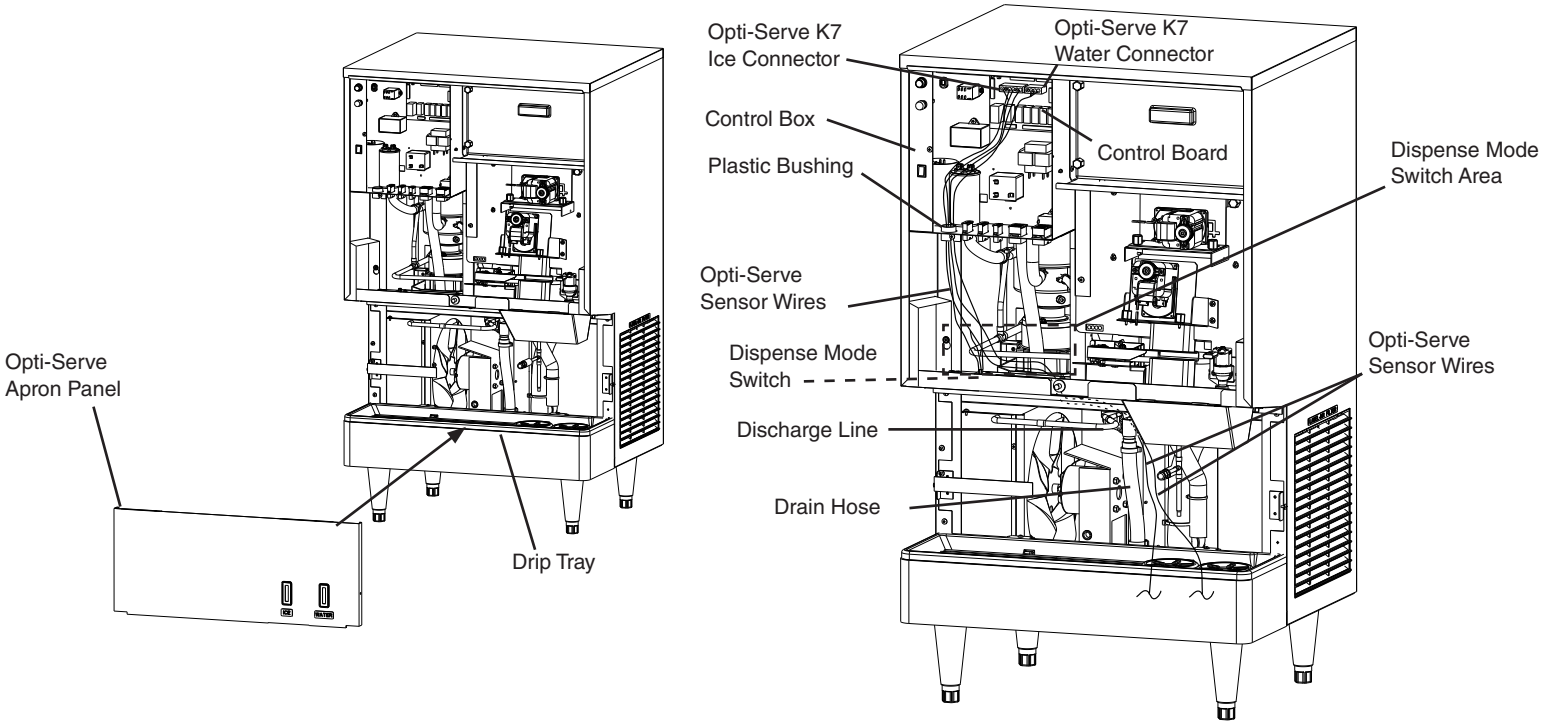


Fig. 6

11) Connect the Opti-Serve ice and water connectors to the control board K7 connector. See Fig. 7.

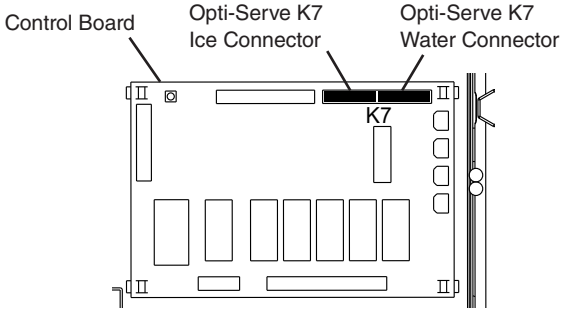
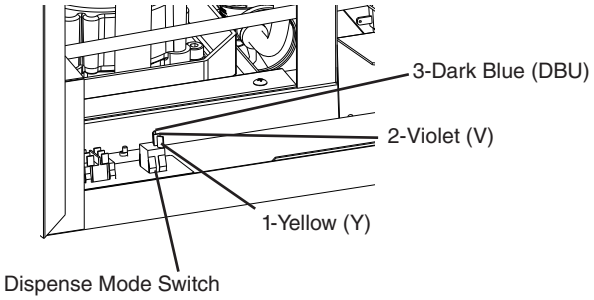
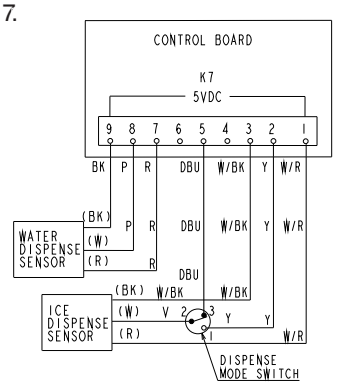


Fig. 7

12) Route the opti-serve K7 ice connector terminal #2 yellow (Y) and the opti-serve K7 ice connector terminal #5 dark blue (DBU) out of the control box through the plastic bushing down to the dispense mode switch. See Fig. 6.

13) Connect the opti-serve K7 ice connector terminal #2 yellow (Y) to the dispense mode switch terminal #1, connect the opti-serve K7 ice connector terminal #5 dark blue (DBU) to the dispense mode switch terminal #3, and the opti-serve ice dispenser sensor wire connector violet (V) wire (from middle connector) to the dispense mode switch terminal #2. See Fig. 7.





Opti-Serve Wiring Label

Fig. 7

14) Place the pipe insulation provided in this kit on the liquid line as shown in Fig. 8. and secure with one of the nylon ties provided in this kit. **IMPORTANT! Failure to install the liquid line pipe insulation could cause damage to the opti-serve sensor wires.**

15) Secure the opti-serve sensor wires with one of the nylon ties provided in this kit to the pipe insulation installed in step 14. Note: Be sure to leave enough slack in the opti-serve sensor wires for future opti-serve apron panel removal.

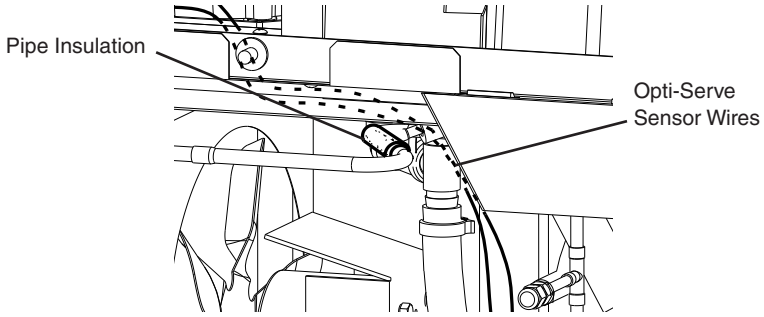


Fig. 8

16) Bundle the opti-serve sensor wires together and secure them within the appliance using nylon ties provided in this kit.

17) Place and secure the opti-serve apron panel in its correct position.

18) Place the wiring label provided in this kit under the wiring label on the back of the front panel. Next, place the conversion label provided in this kit on the back of the icemaker below the nameplate.

19) Confirm the control switch is in the "ICE" position, then replace the control box cover and front panel in their correct positions.

20) Turn the power supply on, then move the power switch to the "ON" position and confirm operation.

21) Confirm water and ice opti-serve sensor operation. Be sure to check the ice sensor with the dispense mode switch in both the "CONTINUOUS" and "PORTION" positions.