

Quest Touchless Valve Sensor Installation

SAFETY OVERVIEW

Read and follow **ALL SAFETY INSTRUCTIONS** in this manual and any warning/caution labels on the unit (decals, labels or laminated cards).

SAFETY INSTRUCTIONS

WARNING:

Before starting installation, read and understand all safety label and warnings on the machine. Also review and understand all safety instructions in the owners, installation and service manuals. **Failure to comply could result in serious injury, death or damage to the equipment.**

QUALIFIED SERVICE PERSONNEL

WARNING:

Only trained and certified electrical, plumbing and refrigeration technicians should service this unit. All wiring and plumbing must conform to national and local codes. **Failure to comply could result in serious injury, death or equipment damage.**

WARNING ELECTRIC SHOCK:

Disconnect power to the unit before installing the Quest Touchless Module! Follow all lock out/tag out procedures established by the user. Verify all power is off to the unit before performing any work. **Failure to comply could result in serious injury, death or damage to the equipment.**

CAUTION:

While handling any printed circuit boards or PCB's, ESD grounding protection is recommended. **Failure comply to may result in minor or moderate injury or equipment damage.**

FUNCTION:

- The Quest Touchless Valve is a sensor switch that replaces the current push button module on the door to activate the switch to pour a beverage.
- The LED's in the control module will cascade yellow showing you are approaching the sensing range then green to indicate valve is dispensing.
- To place valve in cleaning mode, cover the sensor located on the front of top left of the bezel for 5 seconds. The top and bottom yellow light will flash when entering cleaning mode and will illuminate solid for 18 seconds indicating dispense is deactivated. The valve will return to normal operation after cleaning mode times out.

LED Light Signal Table
Hand Detection: 3 yellows
Pouring: 3 Yellows and 1 Green
Cleaning Mode: Yellow 1 & 3 (For 18 seconds) Cover the activation lens on the top left of the bezel for 5 seconds to get into cleaning mode.



Finger shown to block sensor window and go into cleaning mode.

CLEANING INSTRUCTION NOTE:

The unit can be cleaned by putting the valves into cleaning mode as mentioned above, or by turning the dispense switch inside the door to the off position. See step 10 for the dispense switch location.

QUEST TOUCHLESS VALVE SENSOR & CONTROLS KIT CONTENTS:

ITEM	QTY	P/N	DESCRIPTION
1	1	629097998	KIT QUEST 2FL TOUCHLESS
Included are			
1	2	620072340	MODULE TOUCHLESS QUEST PCB
2	2	620072323	LABEL QUEST TOUCHLESS
3	1	548000272	MANL INS TOUCHLESS QUEST KIT

ITEM	QTY	P/N	DESCRIPTION
1	1	629097999	KIT QUEST 4FL TOUCHLESS
Included are			
1	4	620072340	MODULE TOUCHLESS QUEST PCB
2	4	620072323	LABEL QUEST TOUCHLESS
3	1	548000272	MANL INS TOUCHLESS QUEST KIT



TOOLS REQUIRED:

- Phillips head screwdriver
- Flat head screwdriver
- ESD Anti-Static Wrist Strap


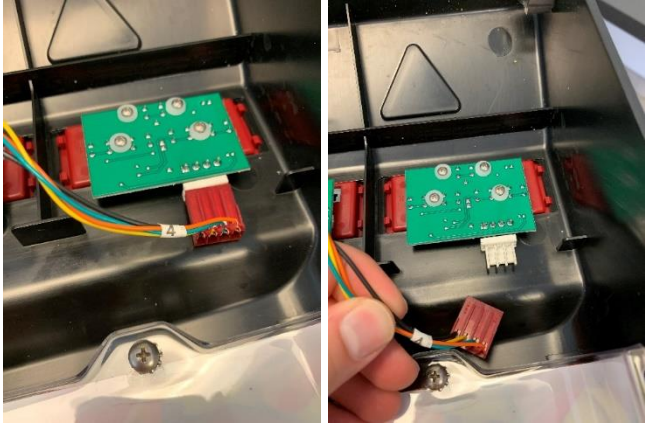

TOUCHLESS VALVE INFORMATION


Please use the QR to access additional information about Quest Elite products and an installation video for the Quest Elite Touchless retrofit kit.



TOUCHLESS VALVE INSTALLATION

NOTE: THE PROCEDURES BELOW WILL NEED TO BE PERFORMED ON ALL VALVES ON THE MACHINE!

Step	Action	Figures
1	Disconnect power from the back of the unit.	
2	<p>Remove the screws that hold the door cladding on.</p> <ul style="list-style-type: none"> • 7 Screws (2 Flavor) • 8 Screws (4 Flavor) <p>Note: The lock washer on the bottom of the door cladding should be retained.</p>	
3	Disconnect the dispense button harness switches by gently pulling the connector away from the board.	
4	Set the disconnected door cladding assembly to the side taking care to not scratch the front panel.	

<p>5</p>	<p>Remove the push button dispense bezels out by pushing the snap tabs from the inside.</p> <p>The snap features may be difficult to remove. Use a flat head to screw driver to assist with the removal.</p>	 
<p>6</p>	<p>Insert the touchless module in the correct orientation and carefully snap the module into place to avoid breaking the tabs.</p> <p>Push on the outside edges to engage the snap features.</p> <p>Note: Do not push on the center of the module as this may cause damage to the assembly.</p>	 
<p>7</p>	<p>Hold the door assembly up to the unit and connect the relay harness jumper to each of the dispense harness connections as shown in step 8.</p> <p>Make sure the order of the dispense harness matches to the position of the valve.</p> <ul style="list-style-type: none"> • 1 thru 4 (4 Flavor) • 1 thru 2 (2 Flavor) 	

<p>8</p>	<p>Hold the door assembly up to the unit and connect the Quest harness to each touchless module.</p> <p>Make sure the order of the dispense harness matches to the position of the valve.</p> <ul style="list-style-type: none"> • 1 - 4 (4 Flavor) • 1 - 2 (2 Flavor) 	
<p>9</p>	<p>Slide the door assembly back onto the unit. Be sure to not pinch any harness wires or connections.</p> <p>Replace the screws on the door cladding.</p> <p>Note: The lock washers should be used on the bottom of the door assembly.</p>	
<p>10</p>	<p>Plug in the power cord to the back of the unit.</p> <p>Turn on the LED and Dispense Switches to the ON position on the inside of the door.</p>	
<p>11</p>	<p>Test activation of each dispense location by holding the palm of your hand 1" in front of the touchless sensor and hold steady to dispense.</p>	
<p>12</p>	<p>Test cleaning of each dispense location by holding your finger on the touchless sensor for 5 seconds.</p>	