
Installation Instructions

Express® SS-3 Infrared-to-Touch Time™ Retrofit Kit

Step 1: Remove existing infrared components

NOTE: Shut off the water supply and unplug the transformer from the outlet before installation.

1. Using a T25 bit, remove the Torx-head screws securing the access panel to the frame. Remove the access panel and set it aside.
2. Unplug the sensor connector plug from the solenoid rack located in the frame. Disconnect the six wires attached to the solenoids.
3. Unplug the transformer connector plug from the solenoid rack located in the frame and remove the transformer.
4. Remove the 12 Phillips-head screws located on the bottom of the sprayhead body. Carefully lift off the Terreon® cover and set it aside.
5. Inside the sprayhead body, remove the two sensor eyes from each of the three sensor windows. Unscrew the nut from each of the sensor windows. Save the nuts and discard the windows.
6. Pull the sensor connector plug and wire harness up through the frame and sprayhead body. Discard the sensors and wire harness.

Step 2: Install Touch Time™ switches

1. Carefully enlarge the three existing 13/16" holes located on the front face of the sprayhead body using a 7/8" hole saw. Use the drill bushing provided to guide the hole saw while drilling (see Figure 1 on page 2).

NOTE: For wall-hung units, an additional 7/8" dia. clearance hole is required. Drill the hole through the sprayhead/bowl assembly on the left side of the unit (see Figure 2 on page 2).

2. Insert the Touch Time™ switch into the hole, pushing the wires through first. Using the 1/2" nut from the sensor windows, thread the wires through and securely fasten the Touch Time™ switch to the sprayhead body.
3. Run the Touch Time™ wires down through the sprayhead/bowl assembly into the frame and connect the wires to the solenoids and terminal block (see wiring diagram on page 2).

NOTE: For wall-hung units, run the Touch Time™ wires for the left side station through the 7/8" dia. hole drilled on the left side.

4. Attach the terminal block provided to the frame near the solenoid rack using the hook-and-loop fastener provided.
5. Connect the two leads from the transformer provided to the terminal block. Plug the transformer into the 120V outlet (refer to the wiring diagram on page 2).
6. Turn on the hot and cold water supplies. Trigger the Touch Time™ push buttons and check for proper function (the timing is electronically controlled and set at 15 seconds). Reattach the sprayhead cover and access panel.

NOTE: Activation of the push button takes place only when it is released, thereby preventing "hold open" activation.



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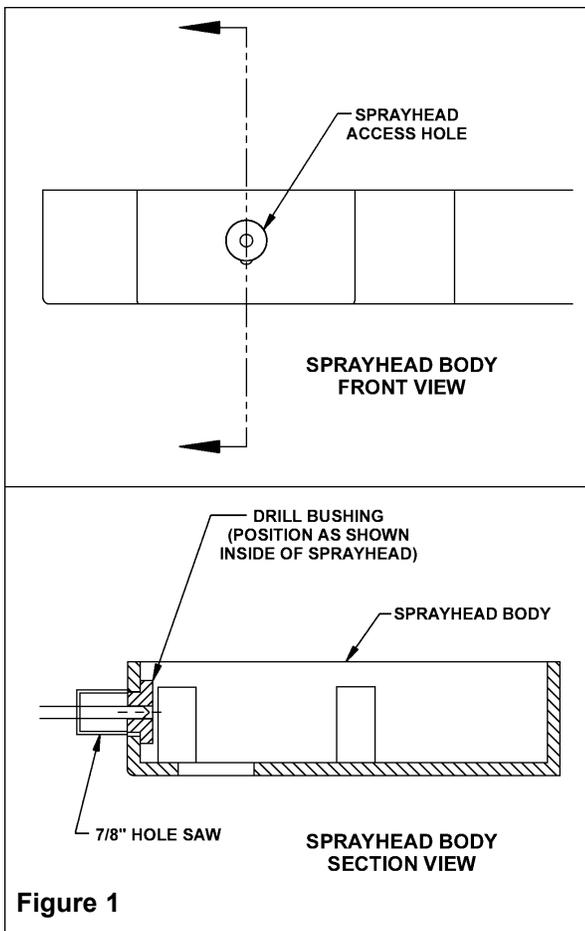


Figure 1

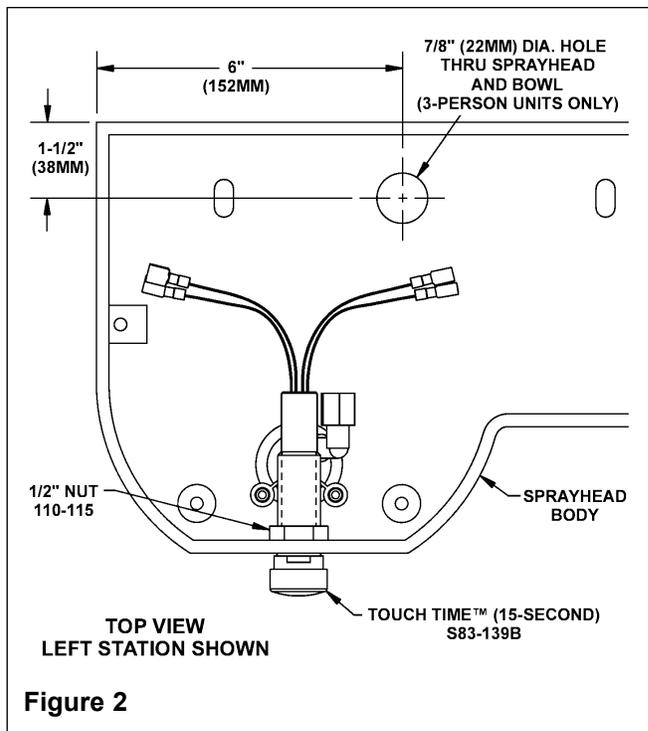


Figure 2

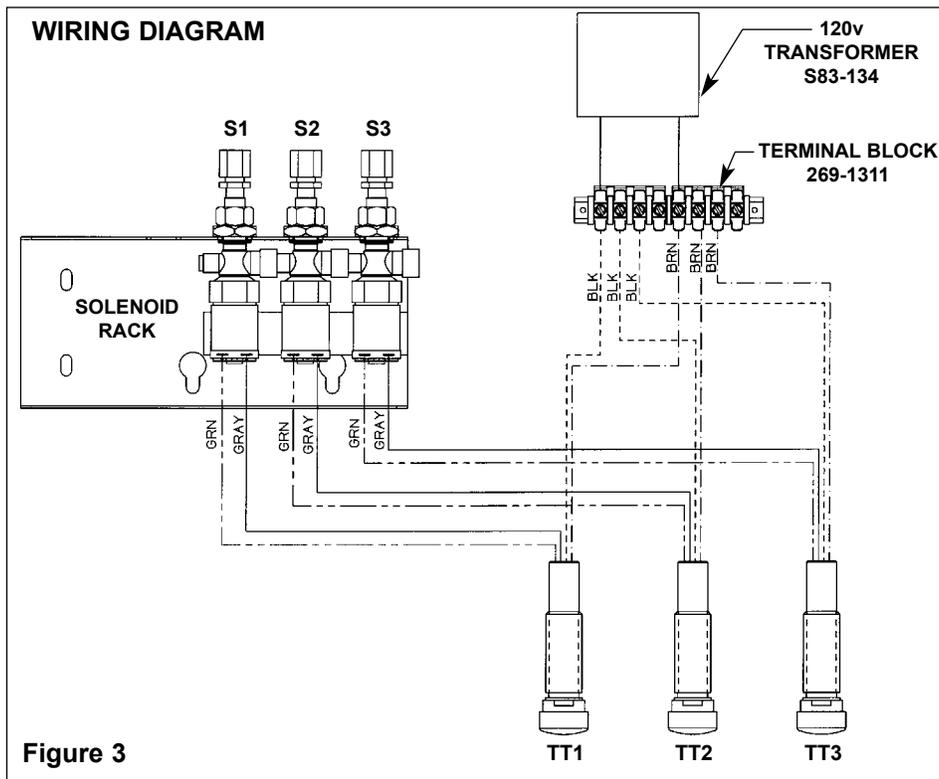


Figure 3