

Installation Instructions

Touch Time™ Conversion Kit for Single-Use Showers

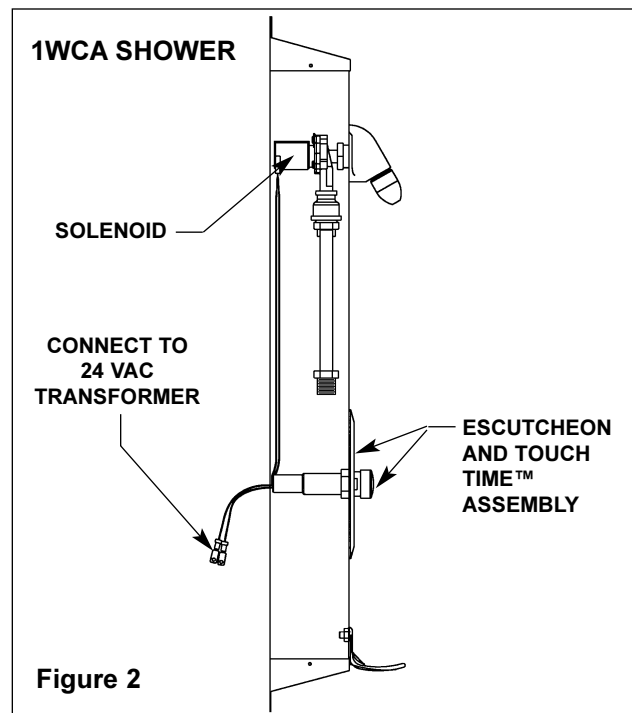
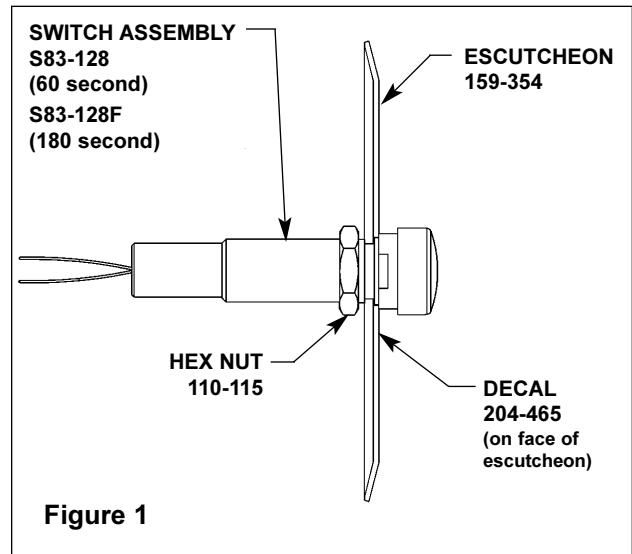
Replacing Micro-Touch™ with Touch Time™ Push Button Unit

NOTE: Turn off the water and electrical supply to the unit before beginning installation.

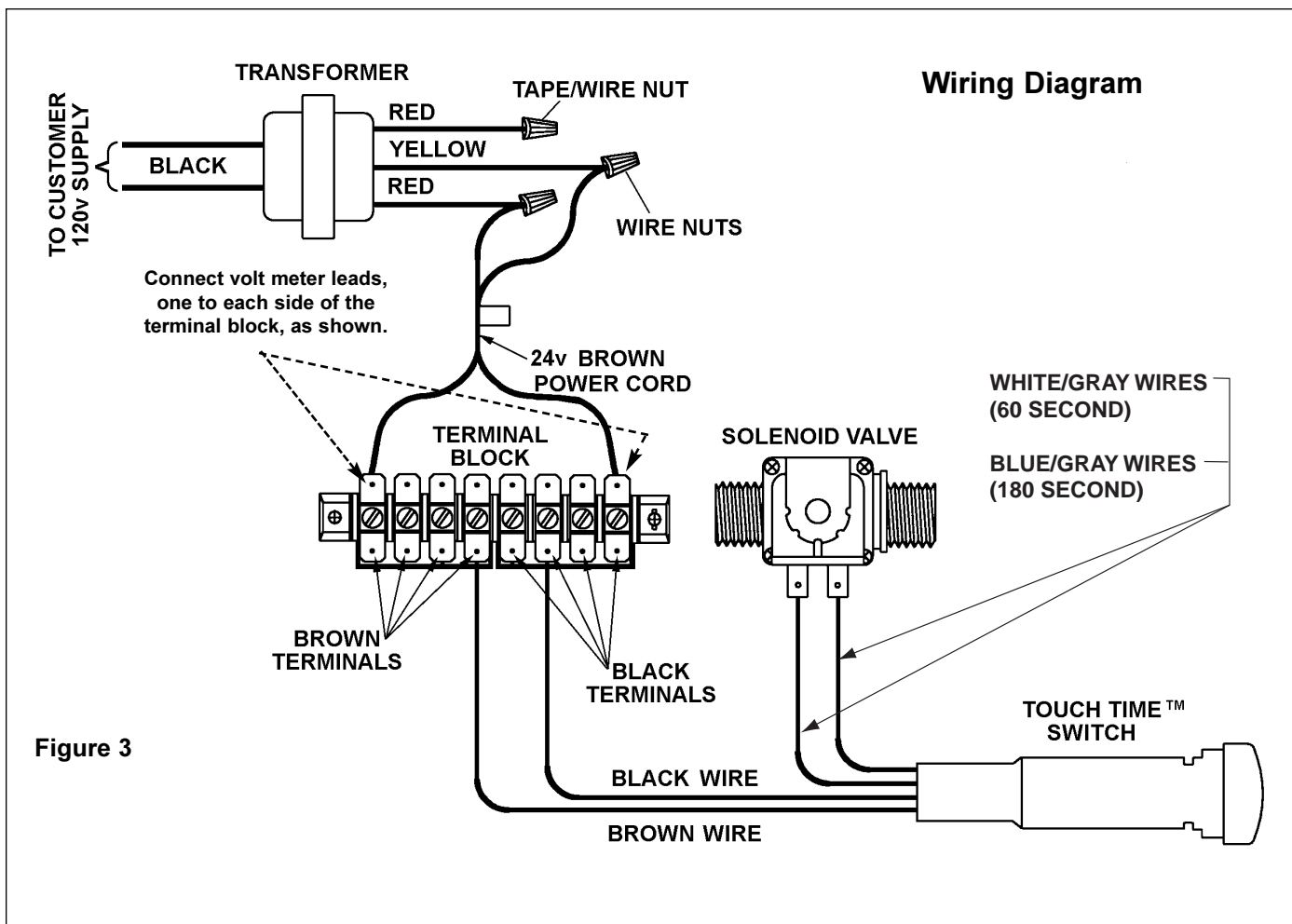
1. Remove the Micro-Touch™ push button unit from the escutcheon. The Micro-Touch™ control box is no longer needed and can be removed. The escutcheon may be reused.
2. Assemble the Touch Time™ push button unit to the escutcheon by inserting the switch assembly through the front of the escutcheon and securing it from the back with the hex nut (see Figure 1).
Tighten the hex nut with a wrench, turning 1/4 past hand-tight.
3. Connect the two Touch Time™ assembly White/Gray wires (60 seconds) or Blue/Gray wires (180 seconds) to the solenoid (see Figure 3).
5. Connect the remaining Touch Time™ assembly brown and black wires to the terminal board providing the 24VAC source (See Figure 3).
6. Reconnect the water and electrical supply. Test the Touch Time™ push button and check for leaks and adequate water flow.



WARNING: To help prevent electrical damage to the unit, Bradley recommends the use of surge protection. The type of surge protection required and its usage is the responsibility of the installer/electrician.



Servicing Touch Time™ Push Button Unit



If the Touch Time™ push button unit does not function properly

1. Make sure the water supply and the 24 VAC power are both turned on.

If the water supply and the electrical power are both turned on but the push button is still not functioning, check the wiring following the steps outlined in procedure #2 below.

2. Check the wiring following the procedure outlined below:
 - a. Turn the electrical power off.
 - b. Check the wiring for loose connections or corrosion and correct if necessary.
 - c. Turn the electrical power back on and retest the push button.

If, after checking the wiring, the push button is still not functioning properly, test the transformer following the steps outlined in procedure #3 on the next page.

Servicing Touch Time™ Push Button Unit *continued* . . .

3. Test the transformer with a volt meter following the procedure outlined below:
 - a. Turn the water supply off (the electrical power should remain on).
 - b. Set the volt meter scale to be able to read “24 VAC”.
 - c. Connect the volt meter leads to the terminal block (one on each side) as shown in Figure 3.
 - d. The voltage reading should indicate 24 VAC \pm 10%.

If you are unable to obtain a proper voltage reading, the transformer is not working properly and needs to be replaced. Contact your Bradley representative to order a replacement transformer (ask for Bradley part number 269-703A).

If the transformer is working properly, turn the water supply back on and test the solenoid following the steps outlined in procedure #4.

4. Test the solenoid valve following the procedure outlined below:
 - a. Disconnect the White/Gray wires (60 second) or Blue/Gray (180 second) from the solenoid.
 - b. Disconnect the brown power cord leads from the terminal block.
 - c. Connect the brown power cord leads directly to the solenoid. The solenoid coil should activate and you should hear a single click and a humming noise.

If the solenoid coil does not activate, the solenoid valve is not working properly and needs to be replaced. Contact your Bradley representative to order a replacement solenoid valve assembly (ask for Bradley part number S07-053).

If, after checking the transformer, the solenoid valve and the wiring, you are unable to activate the shower sprayhead by pressing the Touch Time™ push button, the Touch Time™ switch assembly is not working properly and needs to be replaced. Contact your Bradley representative to order a replacement switch assembly (ask for Bradley part number S83-139).