



# Tommy Car Wash Systems

## POD PUSH BUTTON INSTALLATION INSTRUCTIONS

Rev. 1.0 | Date: 11/01/2021

**Push Button Installation Instructions (POD)**  
This document will help with the installation for the  
push button station retrofit kit.

### Special Notes:

Wash must be shut down

### Tools Required:

- adjustable wrench - Grinding Wheel - Flat Head and Phillips screwdriver - Electrical Tape - Electric Drill and 1/4" bit - 14ga stranded wire, wire nuts (as needed)

### INSTRUCTIONS:

- 1.) Shut down wash by pressing a red Wah Stop button and cut power at the breaker.
- 2.) Unscrew Plastic push button station, exposing electrical wires.
- 3.) **Take a Picture** or label the wires as to what button they go to. This will help with installing the new buttons later. Remove the wires from the buttons.
- 4.) Set the wires aside to avoid being cut. Use the box front plate as a template to mark out a 3-1/2"w x 8"h box on the POD face to cut (Figure 1 Step 4a). Note: Make sure that all the holes on the POD are in the middle of the box. These should all be removed. (Figure 1 Step 4b)



Step 4a



Step 4b



Step 5

Figure 1

- 5.) Use the grinding wheel to cut out the box. Note: the cut does not have to be perfect, as the adapter plate will cover any visual discrepancies. Note: Use proper safety gear while using grinder (Figure 1 - Step 5).
- 6.) Verify that the new push button station front plate will fit through the new hole on the POD panel. Note: This needs to fit through, so there is a good seal for the buttons and the plate.
- 7.) Take the Adapter plate, and box front plate, and assemble the push buttons in order based on picture (Figure 2) **Tighten by hand**. Buttons could break by overtightening. Then attach the button terminals (Figure 3). Note: The Terminals need to be added after the buttons are attached to the plates.



Figure 2 - Button Attachment



Figure 3 - Terminals

- 8.) Insert the assembly in the POD panel and use this as a template to mark and drill the outside holes on the POD face (Figure 4.) Note: Make sure the plate is level when marking your drill holes. Note: Use a smaller bit and drill a pilot hole first to avoid the drill bit from moving (Figure 5).

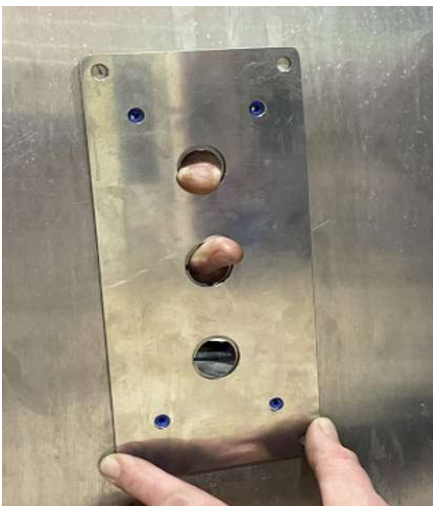


Figure 4 - Marking Drill Holes



Figure 5 - Drilled holes

9.) Attach the adapter plate to the POD using the fasteners provided.

10.) Attach the Swivelok to the Box. Note: The O-Ring should be on the outside. (Figures 6 & 7)



Figure 6 - Swivel Lok Connection



Figure 7 - O-Ring Location

11.) Run the wires through the Swivel Lok and attach the wires as they were in the picture you took from step 3 (Figure 8). ***If*** extension of wire is required, use 14 gauge stranded wire (provided) to bridge the gap. Use wire nuts to make the connections. Then, attach the plate to the POD panel. (Figure 9)



Figure 8 - Wiring

NOTE: Wire Colors may not match



Figure 9 - POD Mount

12.) Pull out the wash stop button that was pushed to stop the wash, turn on power, and test if the new buttons are working. ***IMPORTANT NOTE:*** New Program must be installed for functions to work

13.) Tighten the electrical box to the POD face, and verify all seals are properly working. Add Start/Stop/Pause Decals (Shown in Figure 10). Note: For the maintenance POD, decals should be in this order from the top: Walls/Off/Windows, Fire Hose, Bay Wash On/Off (Figure 12).



Figure 10 - Start/Stop



Figure 11 - Attached Box



Figure 12 - Maintenance POD

### **JOB COMPLETE**

#### Complete Job Verification Checklist

- Verify Appearance**  
*Does the equipment look the same as it did before the job, other than the alterations?*
- No Leaks Persist**  
*Are there any leaks throughout the entire system?*
- Verify all functions are now set to Auto**  
*Verify all the buttons are working. i.e. Start wash, then pause, then stop wash.*
- Run Test car to verify that all functions are running.**  
*Run a car through the wash and verify all functions are running properly.*

### **DOs and DON'Ts**

Specific items to DO and to NOT do until push button installation is completed

- 1.) When testing NEVER touch any of the open wires. These are all live, and you can get a shock.
- 2.) DON'T overtighten any of the button seals - this can cause them to break.
- 3.) DON'T ever spray water directly at the push button stations.



**Tommy Car Wash Systems**  
**WALL PUSH BUTTON**  
**INSTALLATION INSTRUCTIONS**

Rev. 1.0 | Date: 11/01/2021

**Push Button Installation Instructions (Wall)**  
**This document will help with the installation for the**  
**push button station retrofit kit.**

**Special Notes:**

Wash must be shut down

**Tools Required:**

- adjustable wrench - Flat Head and Phillips screwdriver -  
Electrical Tape - 18ga stranded wire, wire nuts. Electric drill and  
5/16" drill bit.

**INSTRUCTIONS:**

- 1.) Shut down wash by pressing a red Wah Stop button and cut power.
- 2.) Unscrew Plastic push button station, exposing electrical wires.
- 3.) **Take a Picture** or label the wires as to what button they go to. This will help with installing the new buttons later. Remove the wires from the buttons.
- 4.) Remove the old push button station off of the wall and remove any mounting hardware. This can be reused for the new stainless steel box.
- 5.) Attach the SwivelLok to the new box and attach the existing conduit by running the wires through it. Note: this box should have the 7/8" hole located on the back of the box. The Swivel Lok should be facing downward through the existina hole in the wall. Or Reuse the existina Swivel Lok.
- 7.) Hold the Box against the wall and predrill two 1/4" holes to screw the box to the wall. Screw the box to the wall.
- 8.) Attach the buttons to the front face of the push button station. Rewire the buttons. NOTE: Use the wiring guide provided if the wires were not labeled. NOTE: Verify that the wires are going through the push button box before wirina.
- 9.) Pull out the wash stop button that was pushed to stop the wash, turn on power, and test if the new buttons are working. End with pushing wash stop button.
- 10.) Tighten the front plate to the push buttons station box, and verify all seals are properly working. Add Start/Stop/Pause Decals.