

INSTALLATION KIT INVENTORY

P39 Saddle Clamp Installation Kit

Description	Part Number	Quantity
684 Venturi Injector	600002	1
Plastic Clamp 1/2"	20185	4
Metal Clamp 1 1/4"	20067	2
Polybraid Hose 1/4"	20260	72"
Polybraid Hose 3/4"	20264	96"
Check Valve	20214	1
Screw #8 x 3/4" PPSMS	20109	4
Saddle Clamp, Outer Top	201155-4	2
Saddle Clamp, Outer Bottom	201155	2
Saddle Clamp, Inner Top	201155-2	2
Saddle Clamp, Inner Bottom	201155-3	2
Saddle Clamp Gasket	400076	2
Saddle Clamp Bushing	201155-5	2
Screw #14 x 1 1/2" PPMS	201863	4
Nut 1/4-20	20703	4

Note: For 2" pipe, do not use 1-1/2" adapters and gasket and turn Bushings so small end points toward Injector (for Entrance) or Chlorine Cell (for Exit).

For bypass Entrance, (before Filter)

Using 1-1/2" pipe, Assemble:

Venturi Injector (Note direction)

Saddle Clamp Top & Bottom

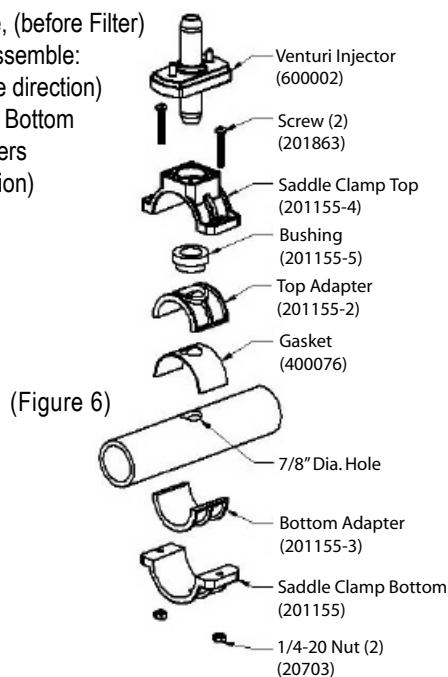
Top & Bottom Adapters

Bushing (Note direction)

Gasket

Screws (2)

Nuts (2)



For bypass Exit, (after Filter & Heater)

Using 1-1/2" pipe, Assemble:

Chlorine Cell (Note direction)

Saddle Clamp Top & Bottom

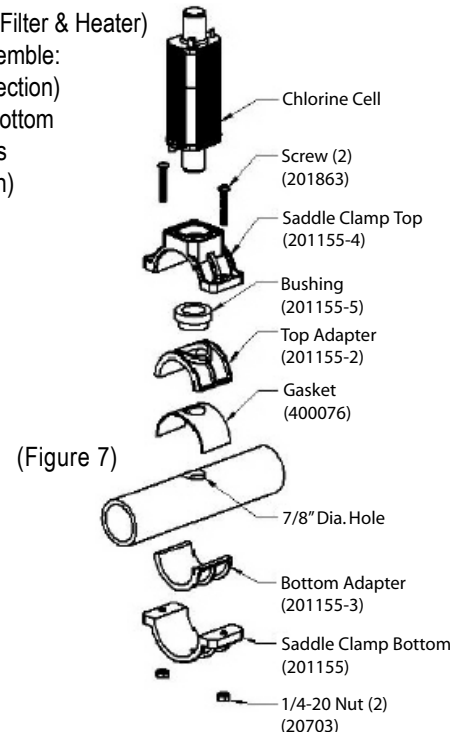
Top & Bottom Adapters

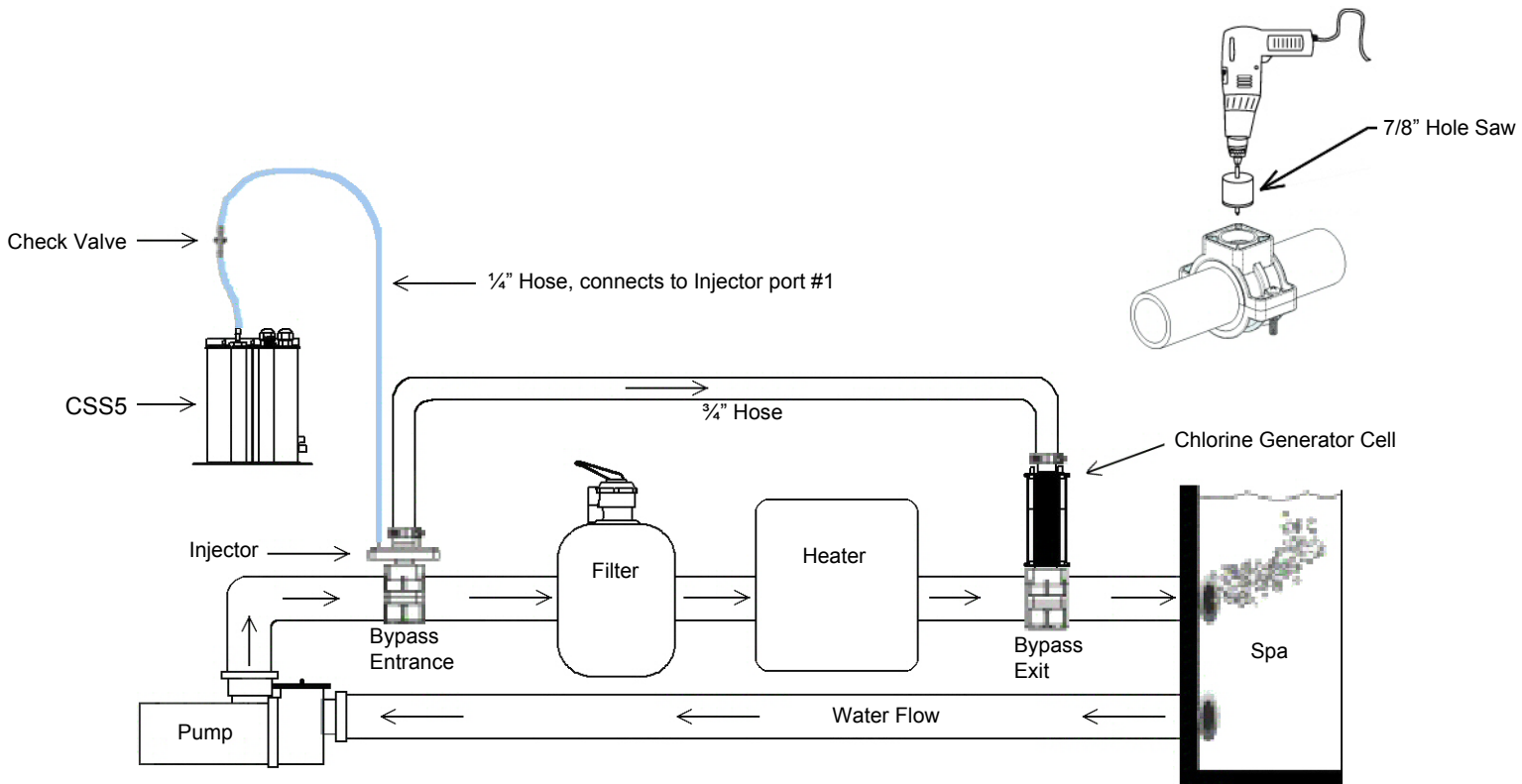
Bushing (Note direction)

Gasket

Screws (2)

Nuts (2)





1. Turn pump OFF.
2. Locate section of existing plumbing in which you choose to install the ENTRANCE leg of the bypass. Location should be in any accessible area after the pump, but before the filter.
3. Install Saddle Clamp Top & Bottom, (and adapters if needed), without Bushing, (this will be used as a guide for your installation hole).
4. Drill a 7/8" hole through one wall of the pipe, using power drill, being careful not to drill too deep to avoid penetrating the opposite side of the plumbing.
5. Locate section of existing plumbing in which you choose to install the EXIT leg of the bypass. Location should be in any accessible area after the filter and heater.
6. Repeat steps 3 & 4.
7. Remove both Saddle Clamp Assemblies.
8. Using components listed, mount a Saddle Clamp Assembly on ENTRANCE bypass location with the INLET side of the Venturi Injector mounted in the Saddle Clamp Bushing, (ozone ports should be facing upward), and tighten both screws.
9. Using components listed, mount a Saddle Clamp Assembly on EXIT bypass location with the Chlorine Cell mounted in the Saddle Clamp Bushing, (wire terminals should be facing upward), and tighten both screws.
10. Attach one end of 3/4" Clear Hose to the Venturi Injector and secure with a metal clamp. Attach other end of the 3/4" Clear Hose to the Chlorine Cell and secure with a metal clamp.
11. Cut a 6" length of 1/4" Polybraided Hose and connect one end to the open ozone port (Marked #1) on the Venturi Injector and the other end to the OUTLET side of the Check Valve, (Make sure you can blow air through the Check Valve towards the Injector port). Secure both ends with black plastic clamps.
12. Connect the remaining section of 1/4" Polybraided Hose to the INLET side of the Check Valve and the other end to the barb on top of the CSS5. Secure both ends with black plastic clamps.
13. Connect the two wires, in the gray casing, to the terminals on the Chlorine Generator Cell and cover with heat shrink tubing.
14. Connect the power cable to the controller unit on your spa.
15. Electrical Installation: Your Prozone CSS5 System is designed to operate on either 120 or 240 VAC, 50/60 HZ. Wire Prozone CSS5 System to the control box on your spa or to the circulation pump or a timer. Use N.E.C. or local code grounding and installation procedures for pool and spa equipment.

CAUTION: Make sure the voltage is the same as prescribed on the side of the Prozone ozone generator. Overvoltage will void customer warranty.