

INVERTED BAG SYSTEMS: permit the use of the vacuum without the need for the added expense and servicing associated with the secondary filtration associated with a paper bag. Your VS80 is designed for cyclonic separation of the debris and equipped with a self cleaning inverted filter which acts to protect the motor. The debris is collected in the plastic can liner which makes cleaning of the dust bin easy, clean, and convenient.

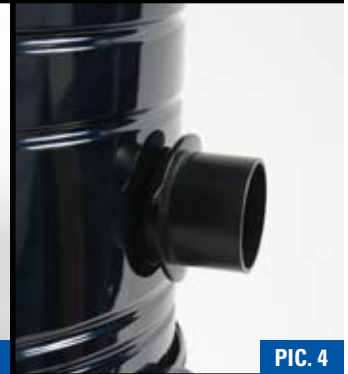


PIC. 1 Important: To reduce the risk of unintentional operation of your power unit setup of your VS80 power unit should be performed with the unit disconnected from any power source. This can be confirmed by verifying the power unit LED is unlit. (See Picture # 1)



PIC. 2 Your VS80 power unit is designed to permit either a right hand or left hand connection to the piping system from your home to make connection to the system as easy as possible. Once the preferred entry point is selected move the plug to the opposite side of the machine and push firmly into place. (See Picture # 2)

Select the inverted bag entry port (Picture # 3). You will notice there is a curved surface which is designed to follow the contours of the machine. Press the deflector end of the entry port through the side of the machine until the contoured surface seats firmly against the side of the bin. (Picture # 4). It is not necessary to use glue or a fastener as the design of the entry port will seat firmly inside the VS80 machine creating a suitable seal.



PIC. 3

PIC. 4



PIC. 5



PIC. 6



PIC. 7

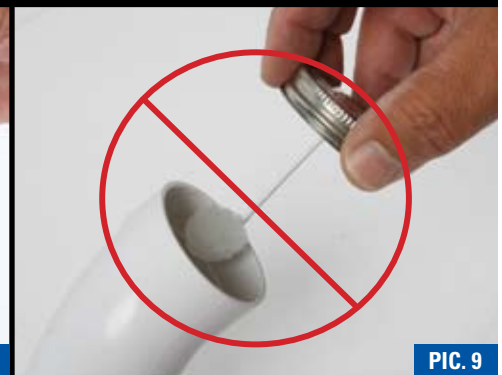


When connecting the piping system to the VS80 power unit utilize the clamp collar (Picture # 5). Important: Do not glue the clamp collar to the machine. Press the screw clamp end of the clamp collar onto the inverted bag entry port. Be sure to press it on until the gap in the collar is completely closed off by the entry port stem. (Picture # 6) and (Picture # 7). Once in place tighten the clamp collar until firmly seated to the entry port collar.

Once the entry port collar is in place you are free to connect, glue, the piping system from your home to the vacuum. Be sure to apply solvent to a clean cut end pipe end not to the inside of the clamp collar to prevent adhesive from entering the throat of the piping system. (See Pictures # 8, # 9)



PIC. 8



PIC. 9

INVERTED BAG SYSTEMS CONTINUED:



PIC. 10



PIC. 11



PIC. 12

Your VS80 power unit is supplied with a 12" muffler (Picture # 10) and a 45 degree spigot coupling that is to be connected in line to the air discharge port at the top of your VS80 power unit. Push the 45 degree spigot coupling onto the exhaust port at the top of The VS80 machine. Important: Do not glue this coupling in place. (Picture # 11-12)



PIC. 13



PIC. 14

You can then connect the muffler directly to the spigot end of the coupling or use a 90 degree sweep to direct the exhaust and muffler up from the machine further dampening noise. (Picture # 13) (Picture # 14)



PIC. 15

Connect the low volt wire from your piping system to the two spade crimp connectors on the side of the machine. (Picture # 15)



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Once your VS80 power unit is fully installed connect the power to the machine. You can confirm the unit is powered by the activation of the LED on the side of the machine. You can confirm machine operation by using the on-off switch located near the top of the power unit (Picture # 16). Note: The power switch on the side of the unit is wired for operation of the machine independent of the low volt wiring circuit to permit machine operation should a fault occur in your low volt wiring circuit or the related control board and you are waiting for service.

Check each valve in the home to insure system activation through your hose and the system operates as intended.