

PAPER BAG SYSTEMS: When it comes to empty the collection bin individuals sensitive to dust and other household contaminants often choose the paper bag option for capturing dust and debris to reduce exposure to material collected. The VS80 power unit is designed to accommodate a paper bag if this option is preferred. Even with the use of paper bags you retain the option of the plastic bin liner and secondary filtration from the inverted bag. The use of a paper bag has decided advantages if the installation is not vented to the outdoors.



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)



PIC. 3



PIC. 4

Release the dust collection bin from below your VS80 power unit by releasing the two latches on opposite side of the bin.

Setting up the VS80 power unit for paper bags requires the removal of the plastic cone below the inverted bag. (Image # 3) It is not necessary nor recommended that the inverted bag be removed as it provides additional filtration and protects the motor from dust and other contaminants should a paper bag failure occur. (Image # 4) Retaining the plastic cone permits you to revert to an inverted bag system in the future.

Select the paper bag entry port. (Image # 5) You will notice there is a cured surface designed to follow the contours of the machine. Press the deflector end of the entry port through the side of the machine so the opening faces the bottom of the collection bin. (Image # 6). It is not necessary to glue or use a fastener as the design of the entry port will permit it to seat firmly into the side of the VS80 power unit creating a suitable seal.



PIC. 5



PIC. 6



PIC. 7



PIC. 8



PIC. 9

Select the multi layer high filtration paper bag provided with your machine and expand it to expose the maximum surface area of the filter. (Image # 7) (Image # 8) Reach inside the machine and press the bag opening onto the entry port stem until it reaches the ring evidenced on the bag side of the entry port. (Image # 9) With the bag in place replace the collection bin by relatching the bin to the power unit.

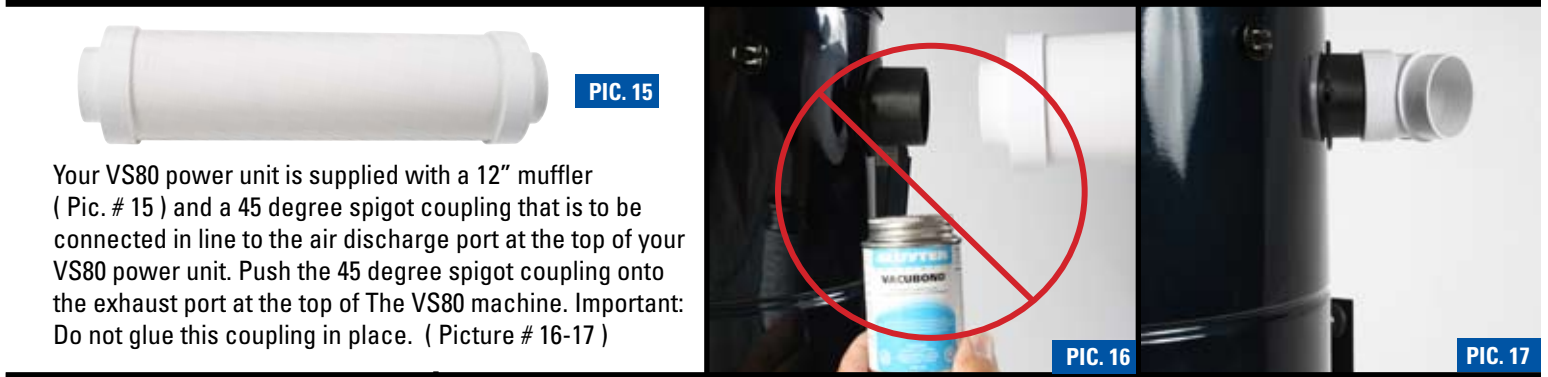
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When connecting the piping system to the VS80 power unit utilize the clamp collar (Picture # 10). Important: Do not glue the clamp collar to the machine. Press the screw clamp end of the clamp collar onto the inverted bag entry port. Be sure to press it on until the gap in the collar is completely closed off by the by the entry port stem. (Picture # 11) and (Picture # 12). Once in place tighten the clamp collar until firmly seated to the entry port collar.

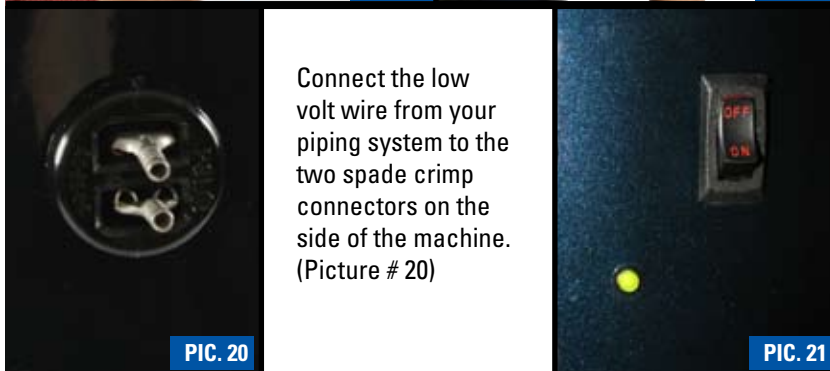


Once the entry port collar is in place you are free to connect, glue, the piping system from your home to the vacuum. Be sure to apply solvent to a clean cut end pipe end not to the inside of the clamp collar to prevent adhesive from entering the throat of the piping system. (See Pictures # 13, # 14)



Your VS80 power unit is supplied with a 12" muffer (Pic. # 15) 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 # 16-17)

You can then connect the muffer directly to the spigot end of the coupling or use a 90 degree sweep to direct the exhaust and muffer up from the machine further dampening noise. (Picture # 18) (Picture # 19)



Connect the low volt wire from your piping system to the two spade crimp connectors on the side of the machine. (Picture # 20)

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 # 21). 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.