

Vac Fix Systems

Pump Operation & Service Manual

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SAFETY PRECAUTIONS

Read, understand and follow all instructions and warnings in this instruction manual as well as those provided with the tools you will use to assemble the unit, as well as the accessories you intend to place into or use with the unit.

Check for damaged parts. Before assembly, carefully check all parts for possible damage. A part that is damaged should be properly repaired or replaced.

Consider work area environment. Do not use power tools in damp or wet locations. Keep work areas well lit. Do not expose power tools to rain. Do not use tools or chargers in presence of flammable liquids or gases.

Use the right tool. Do not use tools or accessories for purposes not intended. Consult the tool or accessory manual when necessary.

Use safety glasses whenever operating any tool. Always wear eye protection that meets ANSI Z87.1 requirements, plus a face shield wherever possible. Tools must always be properly guarded.

Secure work. Use suitable means to secure parts that may be heavy when assembling until the unit has been fully assembled.

Replacement parts. Replacement parts are available from S&S Technology Customer Service.

S&S Technology

Customer Service Department

10625 Telge Road, Houston, TX 77095

Phone: 281-815-1300 or 800-231-1747

Fax: 281-815-1494

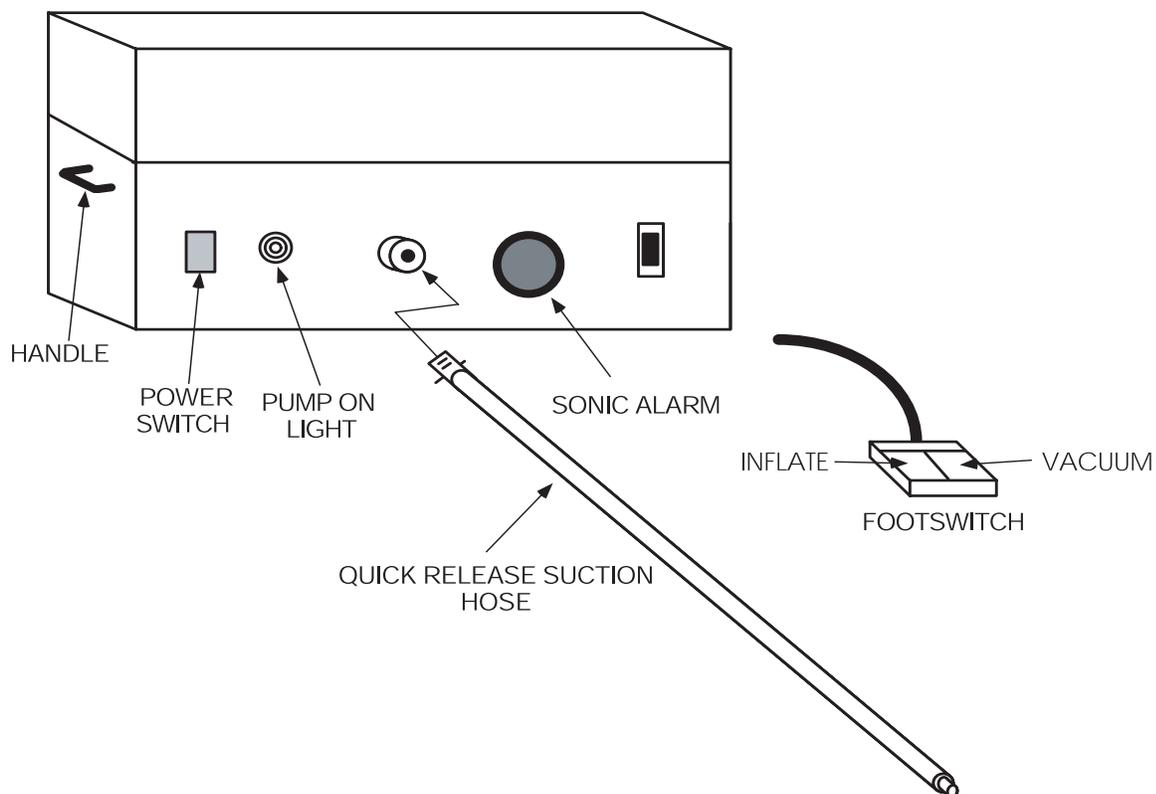
1.0 Operation

Attach the adapter end of the hose to the nozzle of the Vac Fix cushion. Press vacuum (right) side of the foot switch and release the pedal. The pump will start and continue to run. Pressing the vacuum side of the foot switch a second time will stop the pump.

When the pump is on and the vacuum is operating, depressing the inflate side of the foot switch will reverse the flow and send air into the cushion. The flow will return to the vacuum when the inflate switch is released.

To reintroduce air into the cushion, press down the inflate (left) side of the foot switch. As long as the inflate side of the foot switch is depressed, air will be pumped into the cushion.

When the Vac Fix cushion has been evacuated to approximately 23" Hg a tone will sound.



2.0 Calibration

Periodically, a vacuum gauge with a range of 0" to 30" Hg should be attached to the Vac Fix pump. When the pump is operating, the tone should sound at approximately 23" Hg. If adjustment is necessary, a set screw on the vacuum switch (see page 2) can be turned until the tone sounds at the correct vacuum level.

Limited Warranty

S&S Par Scientific Inc. warrants this product to be free of defects in materials and workmanship. This warranty extends to the original purchaser for the period of one year from date of shipping. The warranty is limited to rectifying such defects and/or replacing such defective parts, provided the part of the product is returned, shipping charges prepaid, to the S&S factory and it is found by S&S on inspection to be defective in material or workmanship.

The determination to repair or replace items covered by the warranty shall be the sole right of S&S.

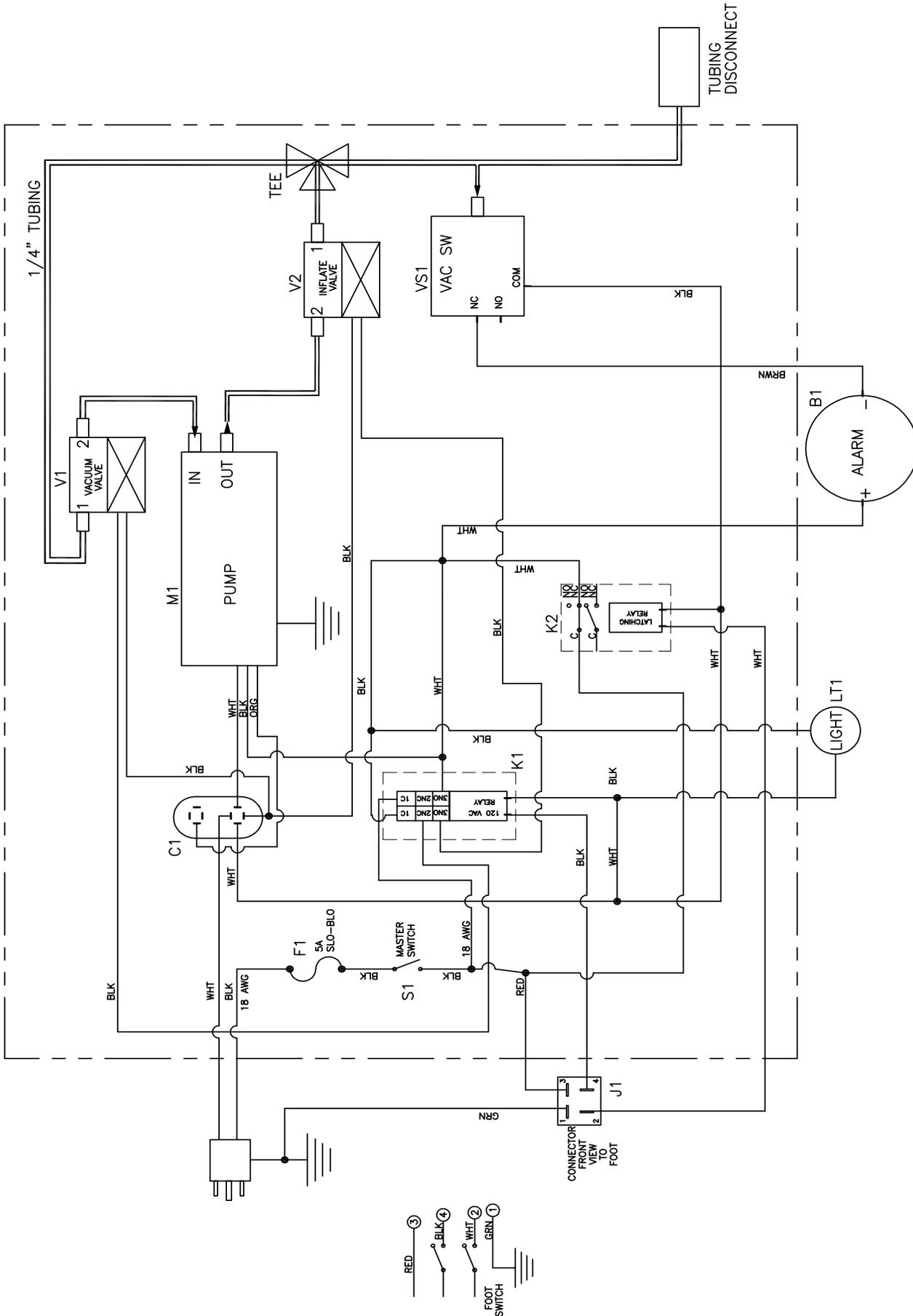
Labor costs are not covered by the warranty except that needed to replace or repair defective components in a complete product returned to the S&S factory, freight charges prepaid. Such product will then be returned to the purchaser F.O.B. factory.

Parts and products that have been improperly installed, overloaded, abused, damaged, or altered in any way are not covered by the warranty. Other than the above-described warranty, S&S Par Scientific assumes no further liability with respect to the sale or use of its products.

Return Policy

Requests to return merchandise must be received by the Houston office of S&S within thirty days from the date of the S&S invoice. Prior written authorization by S&S is required before merchandise is returned. Returns are F.O.B. factory and must have the shipping charges prepaid. Merchandise is subject to inspection for salable condition and a minimum handling and restocking charge of 20% or \$25.00, whichever is higher.

Unauthorized returns will not be accepted.



Parts List

EC246	Vacuum Pump
MC253	Vacuum Valve
MC253	Inflate Valve
EC274	Sonic Alarm
EC244	Vacuum Switch
ET02	Relay SP-DT
ET01	Relay Alternate Action
VF-Pump	Vacumm Pump With Foot Switch (Rev. A and Rev. B)
VF-Pump-200	Foot Switch w/Cord & Plug
16-00843	4 Cond. Socket for Foot Switch
EC55	Master Power Switch
EC275	Pilot Light
EC17	Line Cord
EC242	Male Quick Release Hose Connector
EC243	Female Quick Release Hose Connector
MC256	1/8" Male Pipe to Tube Connector
MC257	1/4" Female Pipe to Tube Connector
MC258	1/4" Male Pipe to Tube Connector
C255	Air Muffler
PM122	1/4" OD Tube
PM141	Air Filter
VF-Pump-21	Air Hose Assembly
21-30012	Relay Bi-Staple IMP 0.187 QC (VF Pump Rev. C and Above)