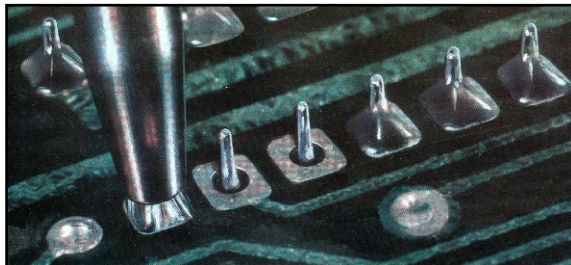




Vacuum Desoldering System

For Individual Lead Desoldering

Air-Vac Engineering Company, Inc.
 30 Progress Avenue • Seymour, CT 06483
 Tel: 203-888-9900 • Fax: 203-888-1145
solder.sales@air-vac-eng.com
www.air-vac-eng.com



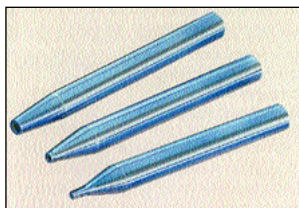
The Vacuum Desoldering Tool utilizes a tubular tip which transmits heat to an individual solder joint and vacuum removes solder, leaving leads and holes clean.

PVSG60E Tool:

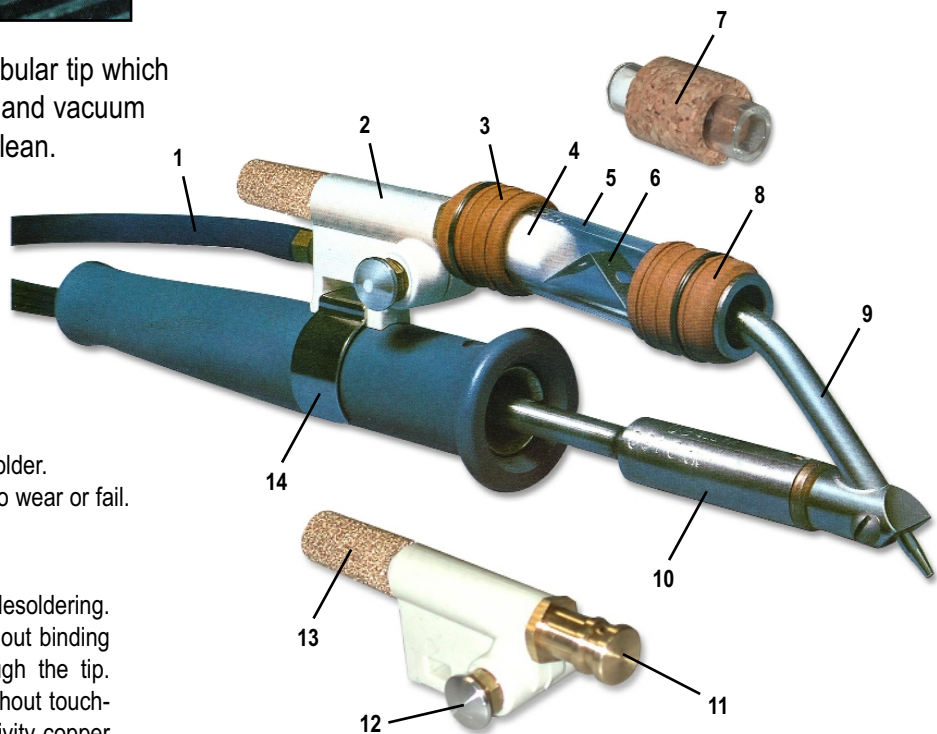
- Instantaneous high vacuum activated with the touch of a button.
- 25"Hg vacuum level and 2 scfm vacuum flow insures clean vacuum passages.
- Quick response for effective removal of molten solder.
- Maintenance free vacuum with no moving parts to wear or fail.

Replaceable Tips

Proper size selection is critical to successful desoldering. Select the smallest I.D. that will fit over leads without binding while permitting molten solder to pass up through the tip. Select the largest O.D. that will remain on pad without touching the circuit board material. Plated high-conductivity copper with corrosion-resistant inner liner for longer life.



Tip No.	I.D.	O.D.
22	.025	.050
30	.036	.076
40	.045	.086
50	.051	.098
60	.061	.098
70	.071	.125
90	.095	.125



Component Parts for PVSG Tool

- | | | | |
|-------------|--------------------------|-------------|------------------------|
| 1 - CAL16 | Air Line | 8 - FSF2 | Front Silicone Fitting |
| 2 - PES21EZ | Exit Section | 9 - VIF60E | Intermediate Fitting |
| 3 - RSF3 | Rear Silicone Fitting | 10 - VHE60E | Heating Element |
| 4 - FE13 | Filter Element | 11 - GS20 | Gap Section |
| 5 - VGT13 | Heat Resistant Collector | 12 - BVA23 | Button Valve Assembly |
| 6 - MST14S | Metal Solder Trap | 13 - M30 | Exhaust Muffler |
| 7 - C2VGT | Cork Ring | 14 - HC24E | Holding Clamp |

Stand

A perforated shield completely surrounds the heating element. The stand also includes a sponge for cleaning tip of oxides.



Maintenance Tools

- AS15 - Anti-Seize for threads
- DR19 - Drill for Intermediate Fitting
- NGB8 - Nylon Brush for Collector Tube
- PTHS - Tray and Sponge
- SC17 - Cleaning Reamer for Intermediate Fitting
- STB7 - S.S. Brush for Intermediate Fitting
- SSB18 - S.S. Brush for Heating Element

