



Vacuum Pick Tube Kit
(for PACE ThermoFlo handpieces)
PACE P/N 6993-0198
Installation Instructions
Manual Number 5050-0430
Rev. A

For any questions regarding these instructions, contact your local authorized PACE dealer or contact PACE directly at:

Telephone (301) 490-9860, Fax (301) 604-8782

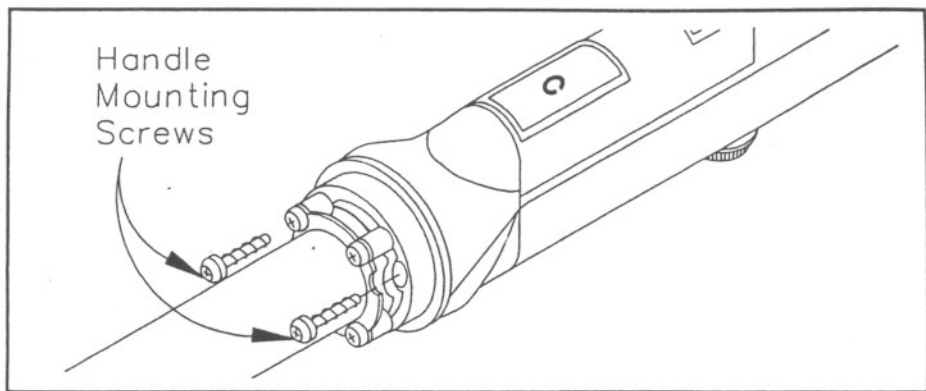
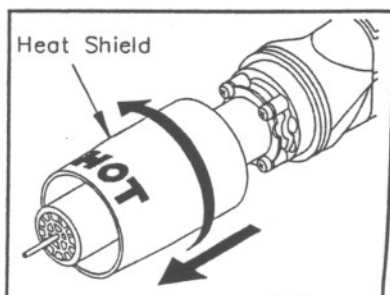
PACE Incorporated
9893 Brewers Court
Laurel MD 20723-1990

To install the vacuum pick tube, insure that the ThermoFlo heater (on handpiece) is at room temperature & perform the following procedure using the illustrations as a guide.

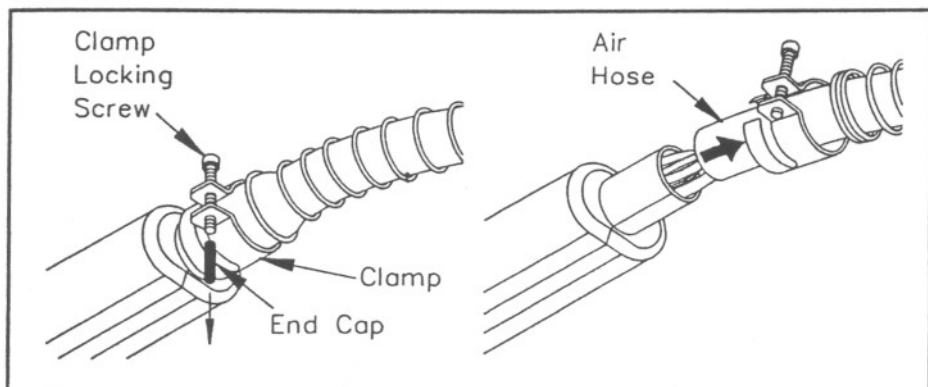
CAUTION

POTENTIAL SHOCK HAZARD - Disassembly of handpiece exposes line voltage parts. Replacement of Vacuum Pick Tube must be performed by qualified service personnel only. Contact the PACE Service Department for assistance at tel. 1-888-535-PACE, FAX 1-301-483-7030.

1. Remove and set aside any installed nozzle.
2. Turn the power switch (on power source front panel) Off ("0" position) and disconnect the power supply cable from the AC supply.
3. Remove the handpiece from the work platform if it is mounted on this optional accessory.
4. Remove the plastic Heat Shield (or metal swivel ring if used on work platform) from the handpiece.



5. Position the Vacuum Pick Assembly to extend as far out of the handpiece as possible using the Vacuum Pick Adjust Control.
6. Position the handpiece as shown with the Cycle (marked "C") and Vacuum (marked "V") Switches facing up as shown.
7. Remove the two (2) Handpiece Mounting Screws that secure the plastic Handle (switch side). These screws are mounted in the Black plastic ring directly behind the slots in the metal heater shroud. Refer to illustration. **DO NOT** remove the Heater assembly.

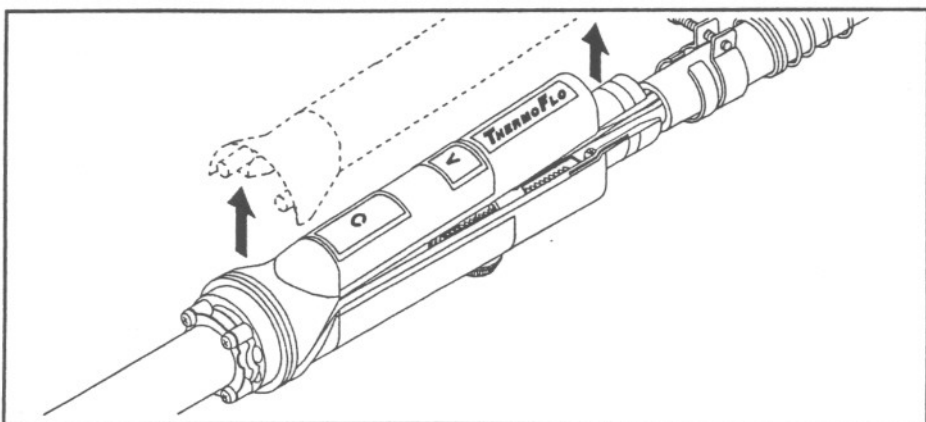


8. Located at the rear of the handpiece is a Clamp that secures the Air Hose to the handpiece. Remove the End Cap (if present) and loosen the Clamp Locking Screw using a flat blade screwdriver.

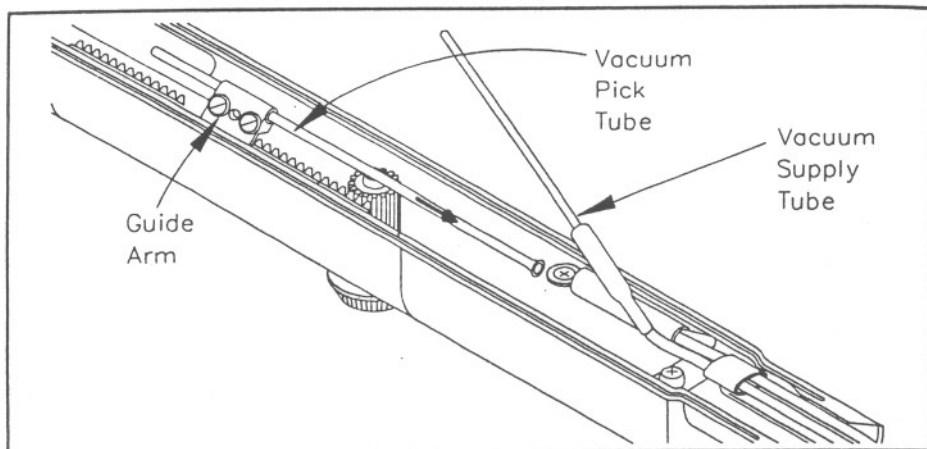
NOTE

Take special caution when working with the Air Hose end of the handpiece. The Air Hose must not develop any cuts or splits during this procedure. Any opening in the Air Hose will result in loss of performance during operation of the ThermoFlo.

9. Slide the Clamp and metal spring back over the Air Hose and away from the handpiece.
10. Carefully slide the end of the Air Hose off the handpiece.



11. Gently lift the rear of the Handle (switch side) until it separates from the Handle (pick control side).
12. Lift front (heater end) of the Handle (switch side) until it pulls off handpiece.
13. Turn the Handle (switch side) over and set it next to the handpiece.



14. Locate the Vacuum Supply Tube and Guide Arm shown in the illustration. Hold the Guide Arm fully forward (against spring pressure). Gently slide the Vacuum Supply Tube back out of the Vacuum Pick Tube.
15. Using a flat blade screwdriver, loosen the 2 screws on the Guide Arm. This will release the Vacuum Pick Tube. **NOTE:** Some handpieces only have a single screw.

NOTE

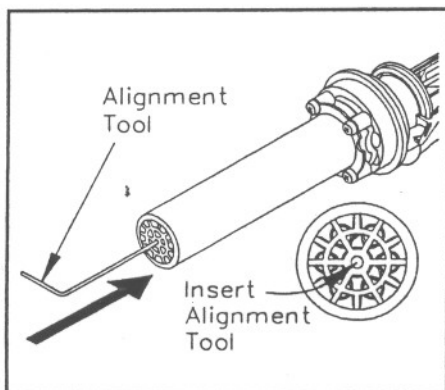
If the Vacuum Pick Tube is badly deformed, you may find it necessary to cut off the end of the tube as it enters the heater assembly before removal.

16. While continuing to hold the Guide Arm in position, rotate the Vacuum Pick Tube and slide toward the rear of the handpiece and out of the Guide Arm.

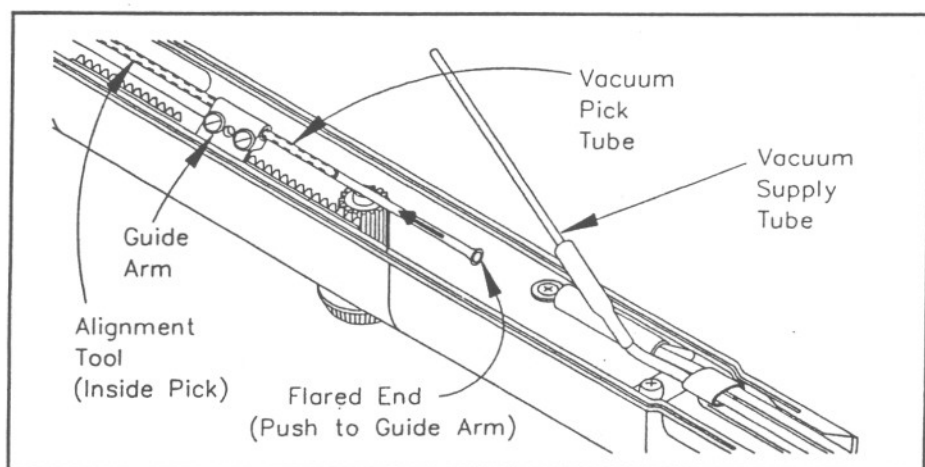
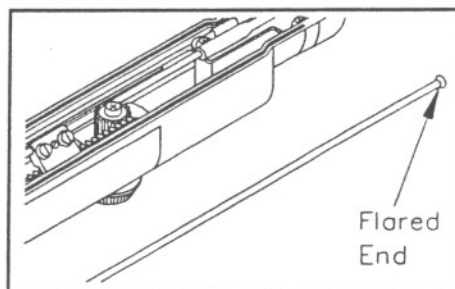
NOTE

The replacement Vacuum Pick Tube and Alignment Tool are packaged together with the Alignment Tool inserted in the Vacuum Pick Tube. Locate and separate these items.

17. Insert the Alignment Tool into the center of the end of the Heater (see illustration). Push the Alignment Tool fully into the heater and through the Guide Arm opening.

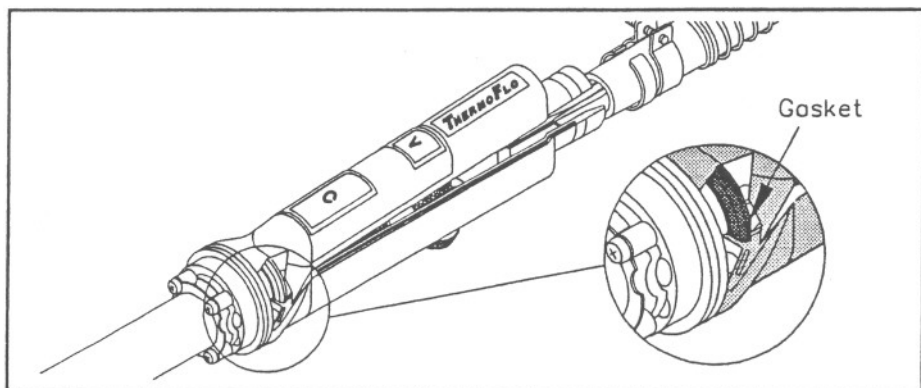
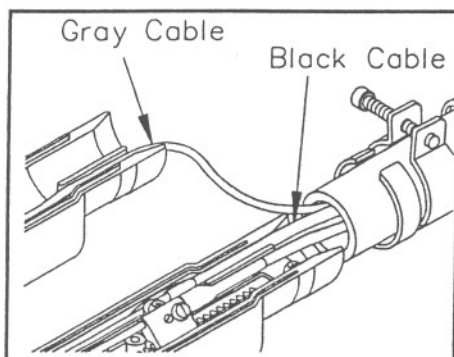


18. The new replacement Vacuum Pick Tube is flared out on one end. Position the flared (larger) end to face toward the rear of the handpiece.

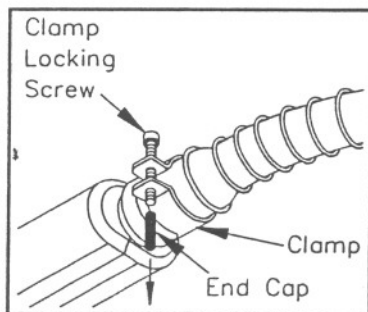


19. Insert the small end of the Vacuum Pick Tube over the end of the Alignment Tool and in through the rear of the Guide arm. See illustration.
20. Slide the Vacuum Pick Tube forward and out through the Heater until the flared (back) end rests against the Guide Arm.
21. Remove the Alignment Tool.
22. Hold the end of the Vacuum Pick Tube fully forward (against spring pressure). Tighten the Clamp Screw(s) on the Guide Arm to secure the Vacuum Pick Tube in position.
23. Hold the end of the Vacuum Pick Tube fully forward (against spring pressure). Insert the end of Vacuum Supply Tube into the Vacuum Pick Tube.

24. Check the rear of the handpiece to insure that the Black cable in the Handle (pick control side) and the Gray cable in the Handle (switch side) are in position in the molded slots. These cables must remain in these slots when the handpiece is assembled.



25. Place the Handle (switch side) in position over the handpiece as shown. Lower in place onto handpiece. Note that the slots in the front of the Handle (switch side) must slide over the Red Rubber Gasket on the handpiece.
26. Install the 2 Handpiece Mounting Screws removed in step 7.
27. Install the Air Hose, Clamp and Spring removed in step 8 using the illustrations as a guide.
- Gently push the end of the Air Hose fully over the plastic hose nipple on the end of the handpiece. Take care to insure that no holes or splits develop in hose.
 - Slide the Spring back in position at the end of the Air Hose.
 - Slide the Clamp back in position against the rear of the handpiece and with the Clamp Locking Screw aligned to the Handle (switch side). Tighten Clamp Locking Screw to secure in position.
 - Install the End Cap (if present) onto the Clamp Locking Screw threads.



28. Install the Heat Shield (or Swivel Ring) removed in step 4.

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PACE Incorporated
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Laurel MD 20723-1990

(301) 490 - 9860
(301) 498 - 3252 Fax