



PTRB-1-1

Pulse Unit Vacuum Tank

OPERATION INSTRUCTIONS

It is the responsibility of the employer to place the information on this instruction sheet into the hands of the operator.

WARNING

Always operate, inspect, and maintain this tool in accordance with the American National Standards Institute Safety Code for Portable Air Tools (ANSI B186.1) and any other applicable safety codes and regulations.

Always turn off and disconnect the air supply before installing, removing, or adjusting any accessory on this tool, or before performing any maintenance on the tool. Failure to do so could result in injury.

IMPORTANT

Make sure that these instructions are fully understood before operating this tool. The tool, its attachments, and accessories must only be used for their designed purpose. For product liability and safety reasons, any modifications of the tool and its accessories must be agreed upon by the technical authority of the manufacturer. All locally legislated safety rules with regard to installation, operation, and maintenance shall be respected at all times.

SETUP INSTRUCTIONS

VP-1

The VP-1 is the black hexagon vacuum generator with an air inlet and switch on one end, a silencer on the other end, and a blue hose with quick disconnect on the end of the hose in the middle. The quick disconnect will connect to either the VCE-1 or the VC-1 to create a vacuum.

VCE-1

This is the clear plastic tank with a nylon hose and needle coming out of the bottom of the tank and a nipple in the top. The quick disconnect on the VP-1 connects to this nipple. The needle goes into the oil fill hole in the pulse unit and the oil is extracted through the nylon hose and deposited in the clear tank.

VC-1

This is the black ABS plastic tank with a nipple in the lid. The quick disconnect on the VP-1 connects to this nipple. Follow the OIL CHANGE MANUAL for proper filling procedures.

AIR SUPPLY

AIR HOSE SIZE: 1/4" NPT air inlet use a 3/8" ID hose, 3/8" NPT air inlet use a 1/2" ID hose, 1/2" NPT air inlet use a 3/4" ID hose, and 3/4" air inlet use a 1" ID hose. The ID of the air hose should always be one size larger than the air inlet size of the tool.

AIR PRESSURE: 85 PSI (6 kgf/cm²) air pressure is recommended for the most efficient performance.

CAUTION: Never use higher air pressure to increase the output of the tool. Overloading will drastically shorten the life of all internal parts.

LUBRICATION

There are two pulse unit fluids: **Pulstar** is used in all tools except ALPHA-T45, T50, and UBP-7 series; and **SPF-Oil** is used only in ALPHA-T45, T50, and UBP-7 series.

MAINTENANCE

DRY AND CLEAN AIR: Drain daily and install filter at or near the take-off point to prevent trouble from foreign matter.

AIR HOSE AND JOINTS: Use air hose (the shorter, the better), joints, and other fittings of good condition and of proper size to avoid pressure drop.

REGULAR OVERHAUL: It is recommended that the oil in the pulse unit be changed every 250,000 cycles or every six months, whichever comes first.

GENUINE PARTS: The use of other than genuine AIMCO replacement parts may result in safety hazards, decreased tool performance and increased maintenance, and may invalidate all warranties.

AIMCO is not responsible for customer modification of tools for applications on which AIMCO was not consulted. Repairs should be made only by an authorized AIMCO Service Center. Contact AIMCO at 1-800-852-1368 for the authorized Service Center in your area.