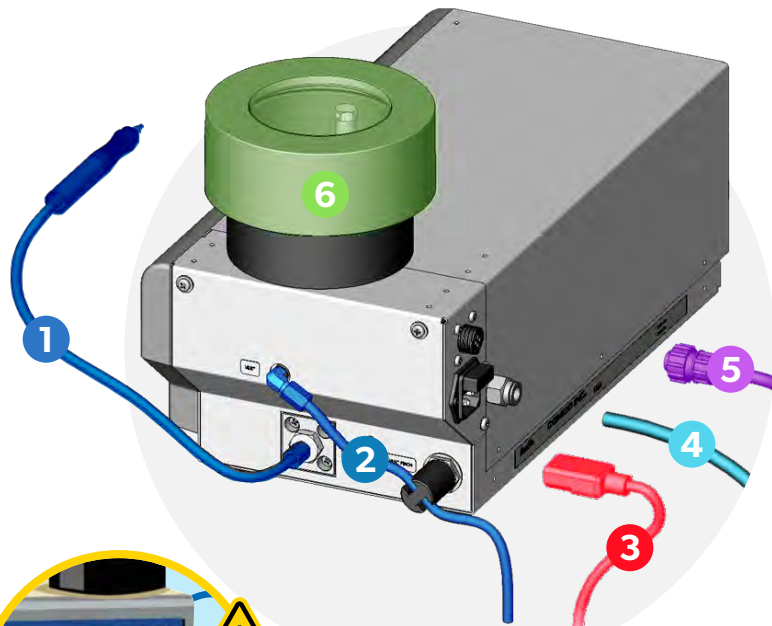


# Getting started.



**House air should be at least 10 PSI higher than your maximum blast pressure. This protects against abrasive flowing backwards through machine.**



## Abrasive Powder

Contamination of the abrasive powder from moisture and/or oil is one of the most common problems associated with micro-abrasive blasting. Moisture/oil will cause the powder to 'clump up' preventing it from flowing freely.

Contamination in the air supply will not only affect abrasive flow, it can also cause major component failures within your blaster, resulting in costly repairs.

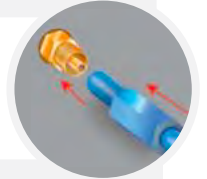
To avoid moisture and oil contamination, run your air supply through a positive air dryer.

## 1 ComfortGrip® Handpiece

Place the ComfortGrip® handpiece inside the work chamber.

## 2 Vent Hose

Attach vent hose to the back of ProCenter Plus by slipping quicknut over hose, working the hose over the nipple, then hand tighten quicknut onto fitting.



## 3 Power Cord

Connect the power cord.

## 4 Air Supply

Connect the air supply to the "Air In" fitting (using 3/8" tubing provided in the accessory kit).

## 5 Foot Switch

Connect the foot switch.

## 6 Tank Cover

Remove cover to fill. To replace, rotate counterclockwise tank cover 1/4 turn to seat, then 1 full turn clockwise or until the sealing surface seats.

## 7 Abrasive Powder

Fill the tank with powder. Do not fill above the top of bypass tube or vent.

## Start Blasting

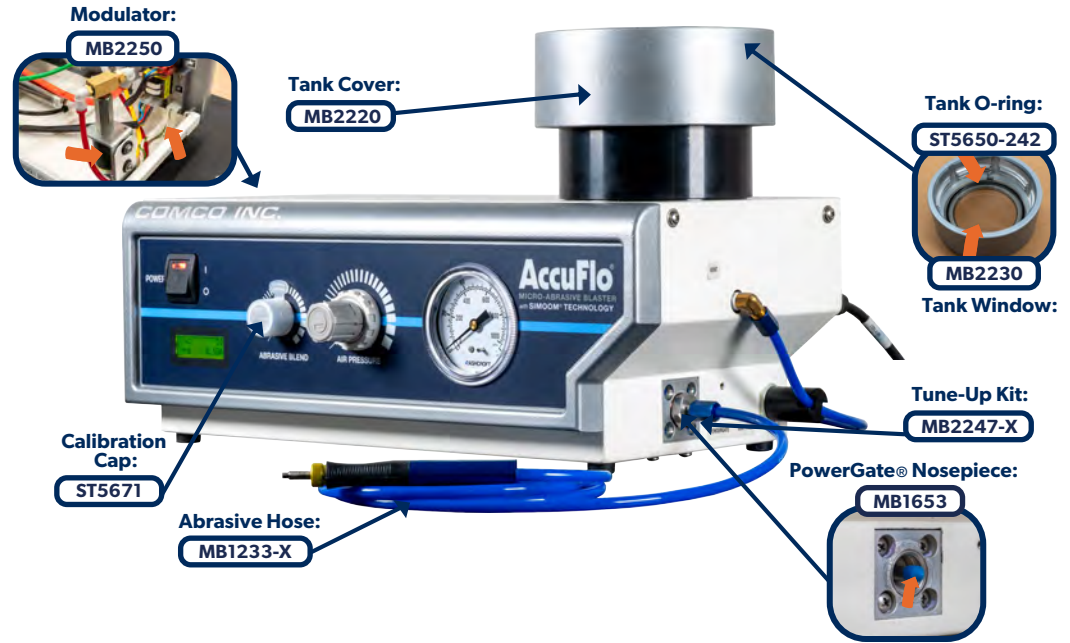
- 1 Turn the power switch on
- 2 Adjust air pressure to 60-80 psi. *The factory-set pressure is 0. To increase air pressure, turn the air pressure regulator knob clockwise. 60-80 psi is considered a mid-range pressure and is a good starting point for many applications.*
- 3 Hold handpiece securely inside the chamber.
- 4 Aim nozzle at work piece.
- 5 Step on the foot switch to activate the blast.



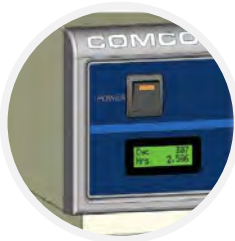
# Replacement Parts.

Part	Part Number
<b>Tune Up Kit - 1/4" Hose</b> Incl. PowderGate® Nosepiece, PowderGate® Output Fitting, Tank O-Ring	MB2247-2
<b>Tune Up Kit - 3/8" Hose</b> Incl. PowderGate® Nosepiece, PowderGate® Output Fitting, Tank O-Ring	MB2247-3
<b>PowderGate® Nosepiece</b>	MB1653
<b>Tank O-ring</b>	ST5650-242
<b>Abrasive Hose</b> Sold in 25ft or 100ft spool	MB1233-25 MB1233-100
<b>Tank Cover</b> Incl. Window	MB2220
<b>Tank Window</b>	MB2230
<b>Modulator</b>	MB2250
<b>Calibration Cap</b>	ST5671

For nozzle information, visit [comcoinc.com/nozzles](http://comcoinc.com/nozzles)



## Maintenance Counters



There are two counters on the front panel. The CYC counts the number of blast cycles on the AccuFlo (each time the PowderGate® valve opens). The HRS counter records the number of blast hours (i.e. actual time the foot switch is pressed.)

Your maintenance requirements may vary with your application.

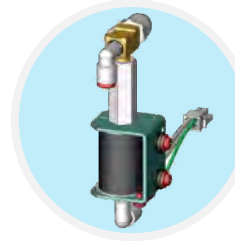
## Nosepiece Maintenance



When you feel air coming out the nozzle, it's time to change the PowderGate® nosepiece which is inexpensive and easy to fix.

<b>Replacement Interval:</b>	250,000 cycles
<b>PowderGate® Nosepiece:</b>	MB1653

## Modulator Maintenance

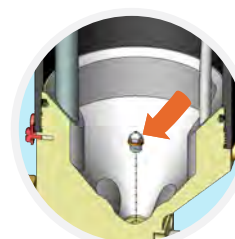


To replace the AccuFlo® AF10 modulator:

- 1 Disconnect 3 hoses from the modulator and the electrical connector.
- 2 Remove the two screws holding the modulator to the bracket using a Phillips screwdriver.
- 3 Install the new modulator in reverse order, making sure the two grommets remain in the bracket.

**Replacement Interval:** 5000 hours of operation

## Tank Orifice Maintenance



The diameter of the orifice grows as it wears. As the size of the orifice increases, more abrasive pulls through on each pulse. Replace the tank orifice after its diameter has grown by 10%.

- 1 Remove and save any usable abrasive. Then, vacuum out any lingering particles from the tank or the basket.
- 2 Use a 1/4" nut driver to remove tank orifice. Ensure your new tank orifice has the o-ring seal, then replace.