

# Pneumatic Back Pressure Kit (HA104001)

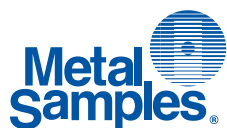
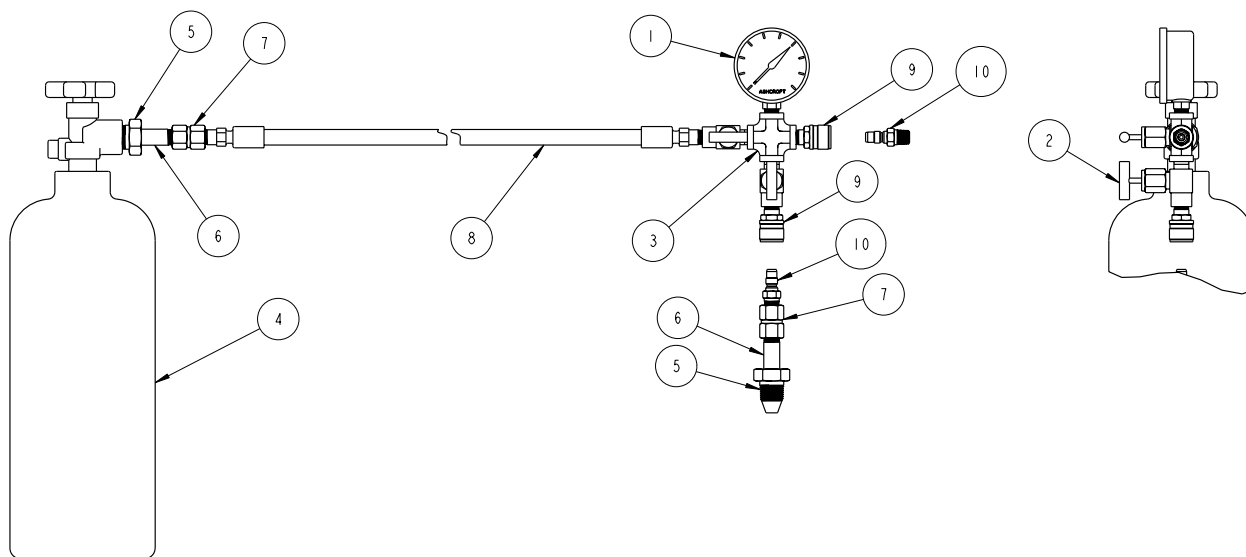
## for use with High Pressure Retrieval Tool

Back pressuring is the concept of raising the internal pressure in the retrieval tool to slightly above the operating system pressure. This allows enhanced operation and safety as well as preventing a pressure surge into the tool during the plug insertion/removal process. The additional pressure in the retrieval tool also tends to loosen and displace any debris that may have accumulated in the fitting since the last plug exchange.

Any available pressure source that can be introduced into the retrieval tool may be used to accomplish the back pressure (examples are line pressure, inert gas, liquid, etc.). Metal Samples Company provides a pneumatic back pressure kit (HA104001) for this purpose. The pneumatic kit is rated to 2000 psi. Nitrogen is the preferred gas for use with the pneumatic kit. An adapter is provided allowing a small 20 cubic foot bottle weighing less than 10 pounds to be filled from any standard plant nitrogen bottle.

Included in the kit is a pressure gauge, gas bottle, hydraulic hose and connection parts for hose attachment to the retrieval tool bleed valves.

Item	Qty	ASPI Part #	ASPI Dwg #	Material / Description
1	1	HA700603158	HA700603158	316 PRESSURE GAUGE - 1/4-18 NPT
2	2	PR6359158	PR6359158	1/4" NEEDLE VALVE
3	1	PR7055158	PR7055158	316 1/4" FNPT CROSS
4	1	PR7052	PR7052	GAS TANK
5	2	PR7054	PR7054	BRASS NUT
6	2	PR7053	PR7053	BRASS NIPPLE
7	2	PR6183158	PR6183158	316 HEX COUPLING W/ 1/4" FNPT THDS
8	1	PR7056120	PR7056120	HOSE
9	2	PR7058158	PR7058158	316 SS QUICK CONNECT BODY
10	2	PR7057158	PR7057158	317 SS QUICK CONNECT STEM



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