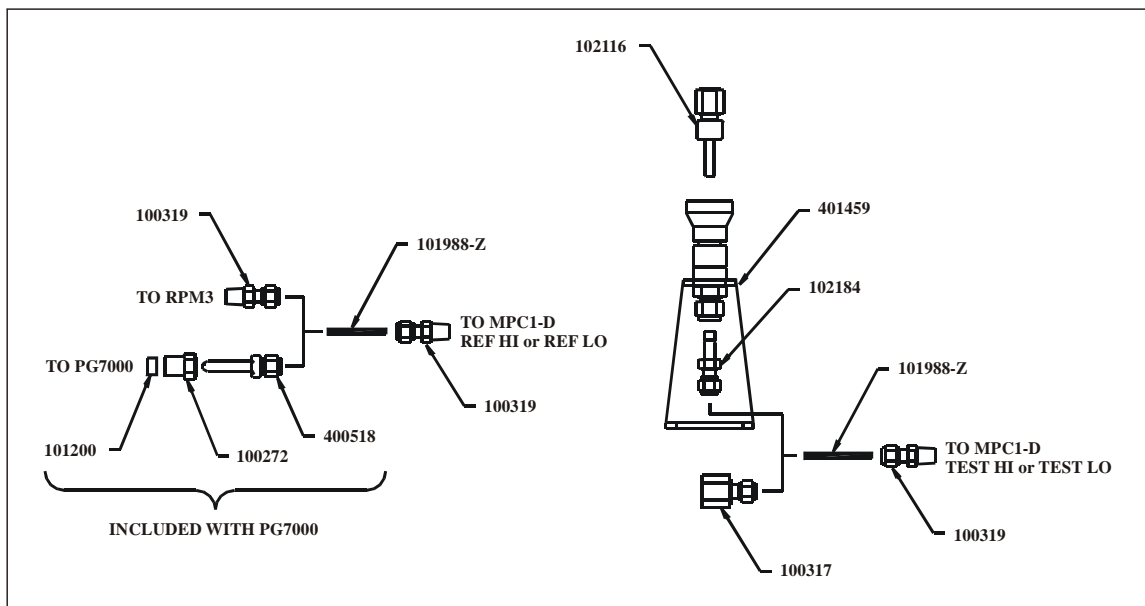


INTERCONNECTIONS KIT, P/N 401645, INCLUDES

- 6 100319 Adaptor, 1/8 in. tube x 1/8 in. NPT M
- 2 100317 Adaptor, 1/8 in. tube x 1/4 in. NPT F
- 2 401459 Quick Connect and Stand Assy
- 2 102184 Reducer, 4P x 2P
- 1 101988-Z Tubing, SS, .125 in. OD x 300 cm
- 2 102116 Quick Connect, 1/8 in. NPT F

PARTS ON TEST PORT OR IN ACCESSORIES OF PG7000

- 1 101200 Collar
- 1 100272 Gland
- 1 400518 Adaptor, 1/8 in. tube x DH 200 M



TO PNEUMATICALLY CONNECT THE PG7000s OR RPMs TO THE MPC1-D

- MPC1-D is intended for controlling pressures in a high line differential pressure system where there is a “high” side and a “low”. The instructions below should be repeated, once for the high side and once for the low side. See the MPC1-D Operation and Maintenance manual for a schematic of a typical system layout.

- If you are using RPMs (not PG7000s) go directly to Step 1b.

- 1 Remove gland, collar and plastic plug from the PG7000 TEST port.
- 2 Install gland and collar onto 1/8 in. tube x DH200 male adaptor supplied in PG7000 accessories. Note that the collar threads left handed. Assure it is properly attached. The orange plastic plug is not used.
- 2a PG7000 - Screw the adaptor (as assembled) into the PG7000 TEST port. Torque to 15 Nm (Newton meter).
- 2b RPM3 - Screw 1/8 in. tube x 1/8 in. NPT male adaptor into the RPM3 TEST port using Teflon tape as a seal.

- ④ Screw 1/8 in. tube x 1/8 in. NPT male adaptor into MPC1 TEST port using Teflon tape as a seal.
- ⑤a To use quick connect stand for TEST connection: Install reducing union into quick connecting head. Mount quick connect stand on bench using mounting holes provided.
- ⑤b To use 1/4 in. NPT female adaptor for TEST connection: Install 1/8 in. tube x 1/4 in. NPT female adaptor onto ends of tube from MPC1-D TEST port (Step ⑤ below).
- ⑥ Screw 1/8 in. tube x 1/8 in. NPT male adaptor into MPC1 REF port using Teflon tape as a seal.
- ⑦ Connect PG7000 or RPM3 to MPC1-D REF port by cutting a piece of 1/8 in. SS tubing to desired length and swage together.
- ⑧ Connect quick connect stand or 1/8 in. tube x 1/4 in. NPT female adaptor to MPC1-D TEST port by cutting a piece of 1/8 in. SS tubing to desired length and swage together.

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- *1/8 in. SS tubing can be bent by hand to desired shape but use caution not to kink the tube.*
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