

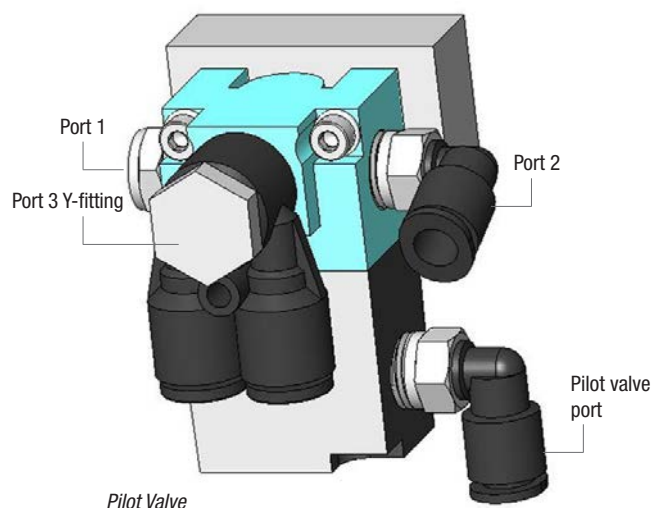
# MicroCoat 800 Pilot Valve Kit

## Instructions for P/N 7022243

### Preliminary Steps

1. Turn off all supply air to the MC800 controller and disconnect external tubing.
2. Remove the MC800 controller from its mounting and remove the sheet metal cover.
3. Remove the mounting screws for the Humphrey pilot valve and disconnect all tubing at the fittings attached to the MC800 chassis and regulators. Discard the Humphrey pilot valve and the original tubing.

**NOTE:** In Figures 1 and 2, all other tubing connections have been omitted for clarity.



### Figure 1

1. Orient the pilot valve as shown.
2. Connect the shorter tube from the Y-fitting **a** on the pilot valve (Port 3) to the fitting attached to the output of the tank air pressure regulator **b** inside the MC800 controller. Shorten the tube as necessary.
3. Connect the longer tube from the Y-fitting **a** (Port 3) to the tank air outlet fitting **c** on the MC800 chassis. Shorten the tube as necessary.

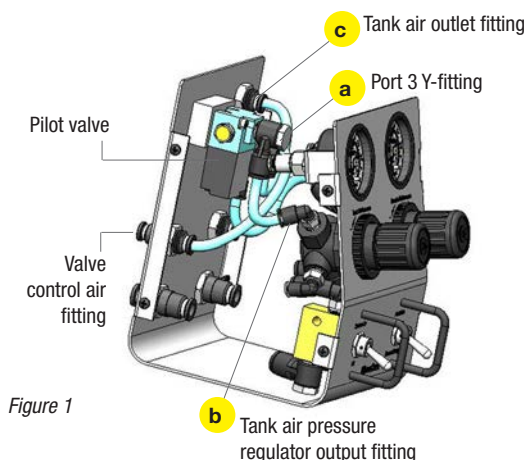


Figure 1

### Figure 2

1. Connect the tube from the fitting attached to Port 2 **a** to the valve control air fitting **b** on the MC800 chassis. The existing tube length is adequate.
2. Connect the tube attached to the pilot valve input fitting **c** to the Y-fitting mounted on the nozzle air pressure regulator **d** as shown. Shorten the tube as necessary.
3. Attach the pilot valve assembly to the mounting block **e** on the MC800 chassis using the M5-0.8 x 10 mm screws supplied.
4. Reinstall the MC800 controller cover, remount the controller, and reattach the external tubing.

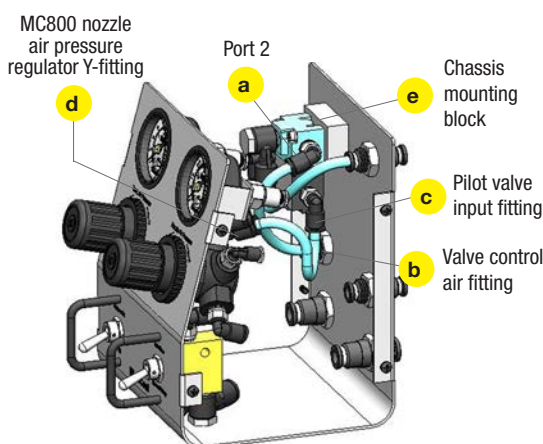


Figure 2



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