# Solenoid Replacement Instructions

## REPLACING THE SOLENOID

1. Turn off power to the panel and unplug the board transformer.

2. Remove the appropriate wires from the solenoid terminals on the circuit board.

3. Disconnect the three PVC tubes from the solenoid parts.

4. Unscrew the solenoid from the panel. There will be two screws per solenoid, located on the side of the panel.

5. Install the replacement solenoid in the panel with the wire leads facing the bottom of the panel (see diagrams for proper installation. Note that there are two different types of solenoids.)
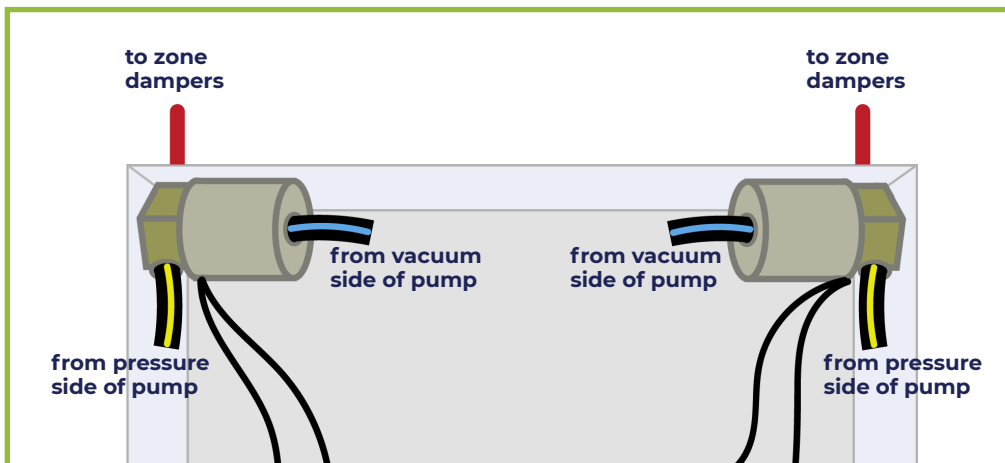
## CONNECTING PVC TUBES

6. Connect the black tube with the yellow stripe to the bottom port of the solenoid. This is labeled port (1) on PAN-SOLO5, and it's the black plastic port connected to the silver housing on PAN-SOLO4.

7. Connect the tubing for zoning to the top port of the solenoid, labeled port (2) on PAN-SOLO5 or the brass port on PAN-SOLO4.

8. Connect the black tube with the blue stripe to the inner port of the solenoid. This is the silver port on the PAN-SOLO5 or the plastic port connected to the brass body for the PAN-SOLO4.

## CONNECTING SOLENOID WIRES

9. Reinstall the circuit board. You will wire the solenoid wires into the terminal block labeled SOLENOID.

10. One wire will go to the + terminal. The wires are not polarity sensitive.

11. The other wire will go to the numbered terminal that corresponds to the zone of the solenoid.

12. Plug in the transformer and turn on power to the board.



**to zone dampers**

**from vacuum side of pump**

**from pressure side of pump**

**PAN-SOLO4**
used in MPS, AirBoss 2-4

**PAN-SOLO5**
used in HeatPumPro, GTPro, CoolMizer, and AirBoss 6-8