



Series VQ1000/2000

Specific Product Precautions 2

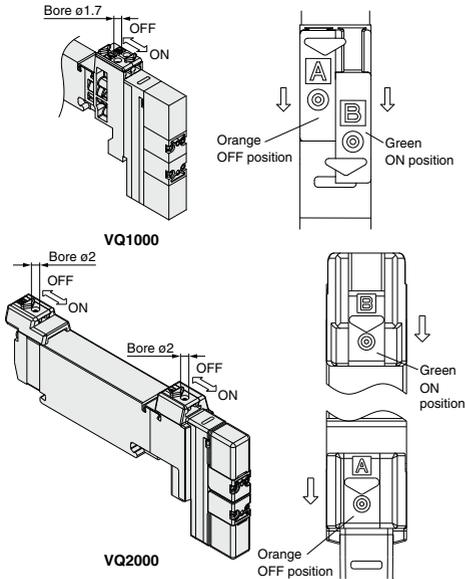
Be sure to read before handling.

Refer to front matter 53 for Safety Instructions and pages 3 to 8 for 3/4/5 Port Solenoid Valve Precautions.

Manual Override

Warning

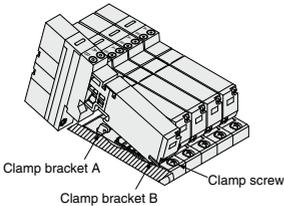
■ Slide locking type (Manual) <Semi-standard>



The manual override is locked by sliding it all the way to the pilot valve side (ON side) with a small flat head screwdriver or finger. Slide it to the fitting side (OFF side) to release it. In addition, it can also be used as a push type by using a screwdriver, etc., of $\phi 1.7$ or less. ($\phi 2$ or less for VQ2000).

How to Mount/Remove Solenoid Valves

Caution



Removing

1. Loosen the clamp screw until it turns freely. (The screw is captive.)
2. Lift the coil side of the valve body while pressing down slightly on the screw head and remove it from the clamp bracket B. When the screw head cannot be pressed easily, gently press the area near the manual override of the valve.

How to Mount/Remove Solenoid Valves

Caution

Mounting

1. Press down on the clamp screw. Clamp bracket A opens. Diagonally insert the hook on the valve end plate side into clamp B.
2. Press the valve body downward. (When the screw is released, it will be locked by clamp bracket A.)
3. Tighten the clamp screw. (Proper tightening torque: VQ1000, 0.25 to 0.35 N·m; VQ2000, 0.5 to 0.7 N·m.)

Caution

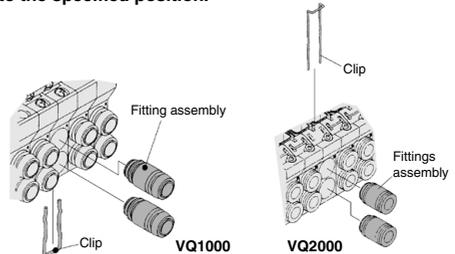
Dust on the sealing surface of the gasket or solenoid valve can cause air leakage.

Replacement of Cylinder Port Fittings

Caution

The cylinder port fittings are a cassette for easy replacement. The fittings are blocked by a clip. Take out the clip with a flat head screwdriver, etc., then replace the fittings.

For mounting, insert the fitting assembly until it strikes against the inside wall and then insert the clip to the specified position.



Applicable tubing O.D.	Fitting assembly part no.	
	VQ1000	VQ2000
Applicable tubing $\phi 3.2$	VVQ1000-50A-C3	—
Applicable tubing $\phi 4$	VVQ1000-50A-C4	VVQ1000-51A-C4
Applicable tubing $\phi 6$	VVQ1000-50A-C6	VVQ1000-51A-C6
Applicable tubing $\phi 8$	—	VVQ1000-51A-C8
M5	VVQ1000-50A-M5	—
Applicable tubing $\phi 1/8"$	VVQ1000-50A-N1	—
Applicable tubing $\phi 5/32"$	VVQ1000-50A-N3	VVQ1000-51A-N3
Applicable tubing $\phi 1/4"$	VVQ1000-50A-N7	VVQ1000-51A-N7
Applicable tubing $\phi 5/16"$	—	VVQ1000-51A-N9

* Refer to "Manifold Optional Parts" on pages 1051, 1052, 1058 for other types of fittings.

Caution

1. Use caution that O-rings must be free from scratches and dust. Otherwise, air leakage may result.
2. After screwing in the fittings, mount the M5 fitting assembly on the manifold base. (Tightening torque: 0.8 to 1.2 N·m)
3. Purchasing order is available in units of 10 pieces.