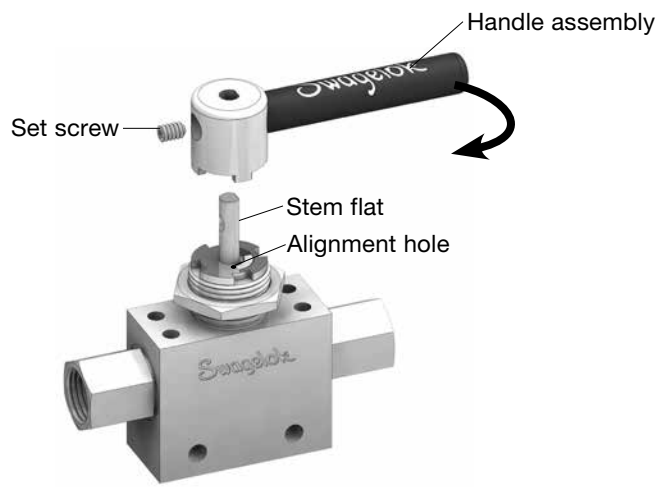


# Medium-Pressure Ball Valve Handle Positioning Instructions

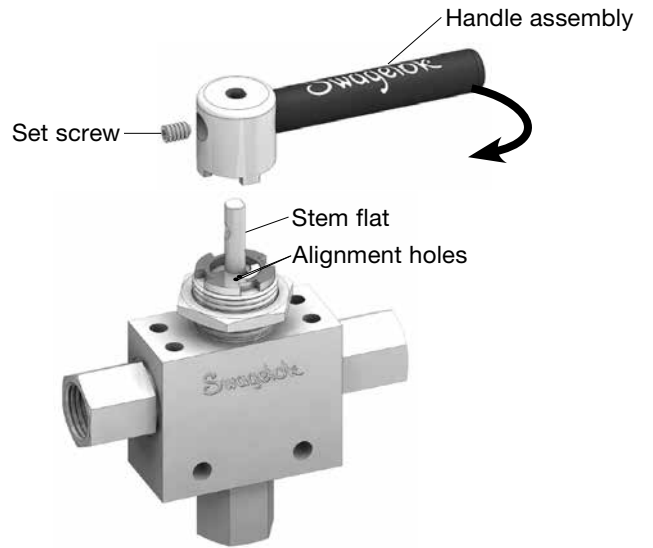


## Factory-Assembled Orientation



2-way valve




The handle rotates 90° clockwise to close.



3-way valve

The handle rotates 180° clockwise to switch flow from a common inlet to one of two outlets.

## Tools Required

Tool	Size	Component
 Hex key	1/8 in.	Set screw
 Hex adapter	1/8 in.	Set screw
 Torque wrench	Capable of 45 in·lb (5.1 N·m)	Set screw

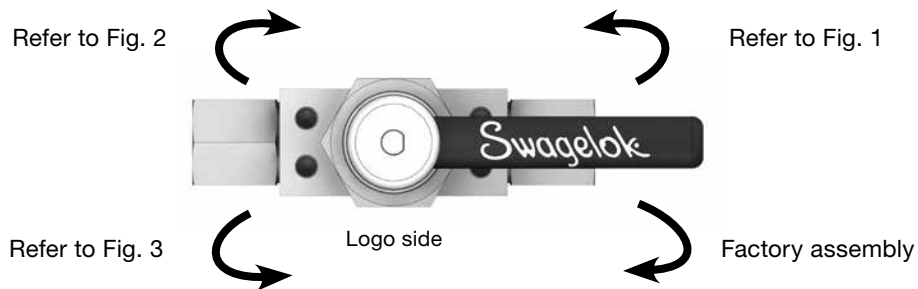
## Changing Handle Orientation

Note: The set screw indicates the orifice position.

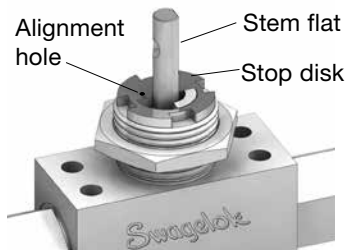
1. Using steady pressure and standard hand tools, loosen the **set screw**.
2. Lift handle assembly and disengage it from the **stop disk**.
3. Turn the **stop disk**, the **stem**, or both to orient **handle assembly** in the desired position. See figures below.

Note: It is not required to remove the handle assembly from the stem.

4. Press **handle assembly** onto **stop disk** until it re-engages.
5. Tighten the **set screw** to 35 in.-lb (4.0 N·m).



- 2-way: Rotate the stop disk 90°  
3-way: Rotate the stop disk 180°



- 2-way: the handle will rotate 90° counterclockwise to close.  
3-way: the handle will rotate 180° counterclockwise to switch flow to the second outlet.

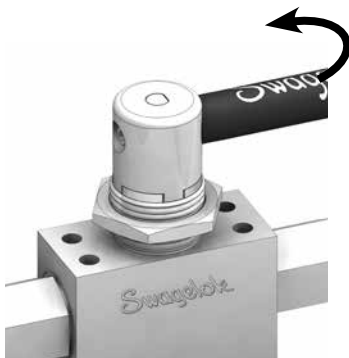
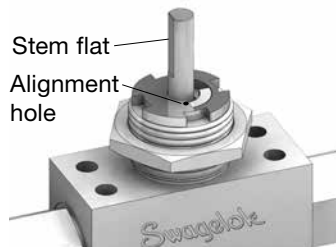


Fig. 1  
2-way shown

- 2-way and 3-way:  
Rotate the handle and stem 180°

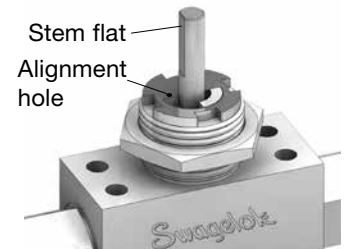


- 2-way: the handle will rotate 90° clockwise to close.  
3-way: the handle will rotate 180° clockwise to switch flow to the second outlet.



Fig. 2

- 2-way: Rotate the stop disk 90°,  
the handle and stem 180°  
3-way: Rotate the stop disk,  
handle and stem 180°



- 2-way: the handle will rotate 90° counterclockwise to close.  
3-way: the handle will rotate 180° counterclockwise to switch flow to the second outlet.



Fig. 3  
2-way shown