

Mounting Instructions for Westlock® Limit Switch/Position Indicator to ISO 5211-Compliant Actuators

Swagelok®

Kit Contents



Indicator, housing,
and limit switch



Socket head cap screws
(4)



Mounting studs
(4)



Jam nuts
(4)

Not Included in Kit



ISO 5211-Compliant Actuator

Tools Required

Tool	Size	Component
 Torque wrench	Capable of 50 in·lb (5.7 N·m)	Socket head cap screws
 Crow's foot adapter	13 mm	
 Hex bit	4 mm	
 Phillips head screwdriver	—	Actuator puck screw

⚠ WARNING

Before removing the valve from service, to avoid personal injury, you must:

- Depressurize the system.
- Cycle the valve.
- Purge the system to remove any residual system media left in the valve.

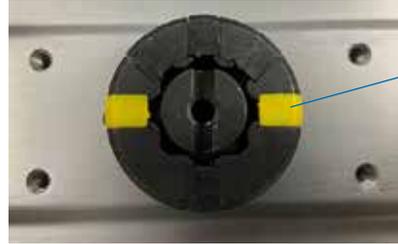
⚠ CAUTION

Actuated assemblies must be properly aligned and supported. Improper alignment or inadequate support of the actuated assembly may result in leakage or premature valve failure.

Assembly Instructions

1. Remove the **actuator puck screw**. Align the yellow **indicators** on the actuator puck with the direction of the flow.

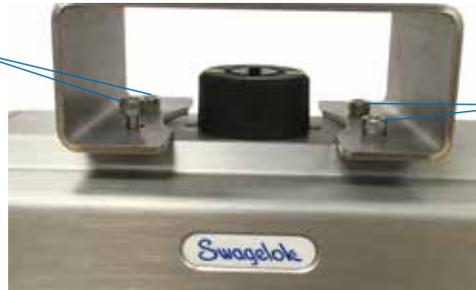
Actuator
puck
screw



Indicator

2. Assemble the mounting bracket to the actuator using the **socket head cap screws**. Torque to 25 to 35 in.-lb (2.8 to 3.9 N·m).

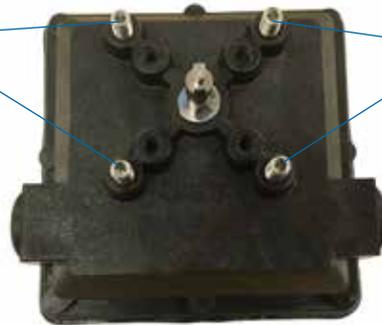
Socket head cap
screws



Socket head cap
screws

3. Assemble the **mounting studs** to the bottom of the limit switch and tighten finger-tight.

Mounting studs



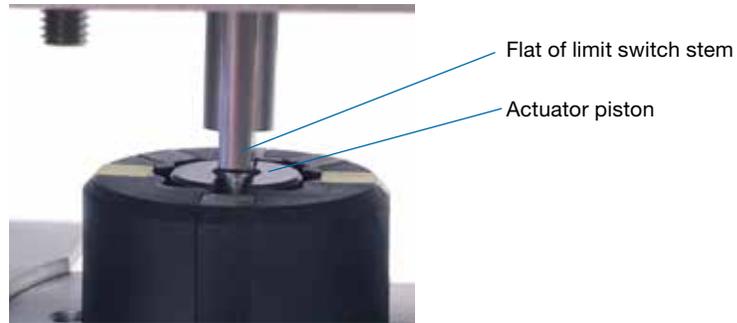
Mounting studs

4. Place the limit switch onto the mounting bracket with the **limit switch port** closest to the side of the actuator with the Swagelok logo.

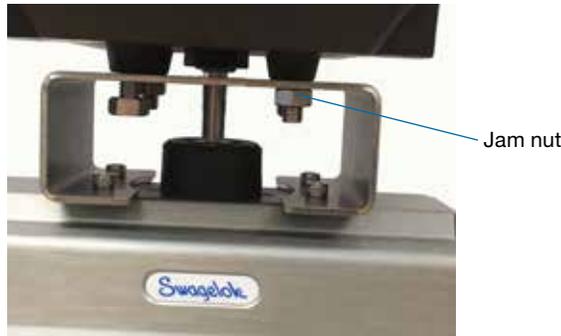


Limit switch
port

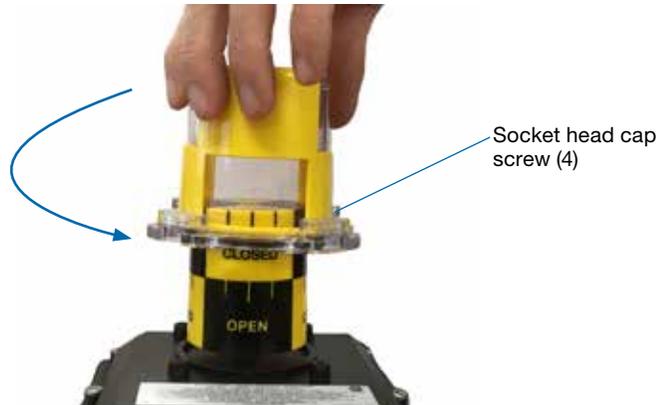
5. Insert the **flat of the limit switch stem** into the flat slot of the **actuator piston**. If necessary, rotate the limit switch shaft to ensure the flat engages with the mating surface of the actuator shaft.



6. Attach the limit switch to the mounting bracket with the **jam nuts**. Torque to 25 to 35 in.-lb (2.8 to 3.9 N·m).



7. Verify the position indicator matches the flow direction. If necessary, remove the **socket head cap screws** and the indicator housing, then lift and rotate the position indicator in 90° increments until the correct valve position shows in the indicator housing window. Replace the socket head cap screws and torque to 15 to 20 in.-lb (1.7 to 2.2 N·m).



For additional information, see swagelok.com.