

AVS22 Linkage

The AVS22 Linkage has 6 components

1. Valve-Linkage: Square linkage with 3 screw holes
2. Actuator-Linkage: Linkage with 4 screw holes
3. Shaft: The Cylindrical brass rod
4. Cotter Pin: U-shaped pin
5. M4 Phillips head screws X 3
6. M3 Phillips head screws X 4

Pre-Installation Procedure - Valve

1. Remove the existing actuator from the Valve.
2. Remove the existing Linkage from the Valve.
3. Turn the valve stem to set up the required configuration. i.e., Normally Closed or Normally Open.
 - a. Normally Closed: Valve Closed.
 - b. Normally Open: Valve Open.

Pre-Installation Procedure – Linkage & Actuator

1. Remove any protective covers from the Linkage and Actuator.
2. Inspect the Linkage and Actuator and make sure all the components are available.
3. Make Linkage ready along with the other components.

Valve - Linkage Assembly

The linkage that goes on the valve is the square one with 3 screw holes. Make sure the valve is in the correct configuration (Normally opened or Normally Closed) before installing the linkage.

1. Align the screw holes of the linkage with the holes on the valve.
2. Install all 3 x M4 Phillips head screws to attach the linkage to the valve.



Actuator - Linkage Assembly

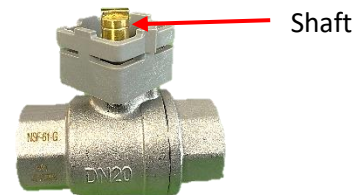
The linkage that goes on the actuator is the one with 4 screw holes. Make sure the Actuator is NOT powered when installing the linkage.

1. Align the screw holes of the linkage with the holes on the Actuator.
2. Install all 4 x M3 Phillips head screws to attach the linkage to the Actuator.
3. Tighten the screws in the “X” pattern as shown.



Connecting Valve and Actuator

1. Insert the shaft into the linkage in the Valve.
 - a. Make sure the shaft is perfectly diagonal to the square linkage.



2. Connect the bottom linkage and top linkage
3. Press down the Actuator on the Valve.
4. Insert the Cotter Pin into the slot.
5. Verify the linkage alignment.



Reference image for
Normally Open Alignment



Reference image for
Normally Closed Alignment

