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## Mounting Actuators to Wedge Gate Valves

Make sure the valve, and not the actuator, is stopping the travel in the closed direction.

### Double Acting (DA)

1. Set the regulated pressure to 50% of the customer pressure.
2. Retract close stops until they do not touch.
3. Stroke the valve to the closed position and let the pressure build to the 50% point.
4. Adjust the close stops finger tight against the bracket.
5. Stroke to full open position.
6. Adjust stops finger tight against bracket.
7. Extend actuator and turn open stops out two turns.
8. Adjust pressure regulator to customer pressure and stroke test the actuator.

### Spring Return Extend (SRE)

1. Set regulator pressure to customer supply pressure.
2. Retract open stops until they do not touch.
3. Stroke valve open.
4. Adjust open stops finger tight.
5. Retract lower stops until they do not touch.
6. Vent air and allow spring to fully close valve.
7. Turn open stops out two turns.
8. Adjust the close stops finger tight against the bracket.
9. Stroke test the actuator.

### Spring Return Retract (SRR)

1. Set regulator pressure to customer supply pressure.
2. Retract close stops until they do not touch.
3. Stroke the actuator to the close position and let pressure build.
4. Adjust close stops finger tight.
5. Retract upper stops until they do not touch.
6. Vent actuator allowing it to stroke full open.
7. Adjust open stops finger tight.
8. Stroke actuator closed and extend the upper stops two turns.
9. Stroke test the actuator.