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Installation Instructions

6451030 **Toggle Air Valve**

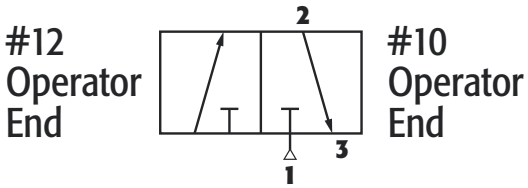


Toggle Air Valve Specifications

- 4-Way
- 5 Port, 1/8”
- 2 Position
- Valve, Air, Spool, Toggle
- 150 PSI Maximum, Vacuum Minimum
- Operating Temperature Range: 32 F to 175 F (0 C to 80 C)
- Commonly used with lift axle controllers and air cylinders.

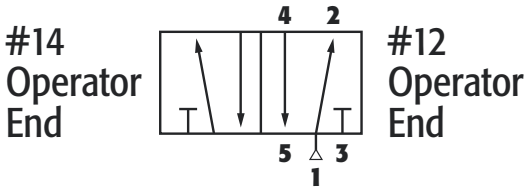
Port Identification/Connections:

2-Position, 3-Way



PORT IDENTIFICATION	
3-Way Service	
Port #	Function
1	Inlet
2	Cylinder
3	Exhaust
10	Operator End
12	Operator End

2-Position, 4-Way



PORT IDENTIFICATION	
4-Way Service	
Port #	Function
1	Inlet
2	Cylinder
3	Exhaust
4	Cylinder
5	Exhaust
12	Operator End
14	Operator End

Note: 4-Way valve ebodies may be field converted to 2 & 3-Way functions by plugging ports.

Installation/Operating Instructions:

Whenever possible, install valve with fair accessibility for service. Lengths of tubing or pipe should be kept to a minimum. The inside of the tubing and pipe should be kept clean (free of chips and dirt). Use pipe joint compound sparingly. Only apply pipe joint compound to the male pipe (never to the female port). Teflon ™ tape should not be used to seal pipe joints. This tape can tear off and become stuck inside of the unit, causing malfunction. For maximum component life, air to the valve must be filtered.

Lubrication: Use clean, lubricated air for maximum service life. Valves can be operated without additional lubrication, as they are shipped prelubricated, but this will reduce service life. Use F422 oil for lubrication (recommended). If this is not available, use mineral oil with a straight paraffin base and a viscosity of 100-200 SSU @ 100 F and aniline point greater than 200 F.

⚠ CAUTION

Do not use reconstituted, synthetic, or oils with a detergent additive or that contain alcohol.

Operator Adjustment:

As a convenience during plumbing, all operators may be rotated 180 degrees by removing the two Phillips-head screws retaining the operator section, separating the body and operator, rotating and reassembling the operator to the body. Use a torque rating of 13 to 18 in-lbs (1.5 to 2.0 Nm) to tighten screws.

WARRANTY

Buyers Products Co. warrants all truck/trailer hardware manufactured or distributed by it, to be free from defects in material and workmanship for a period of one year from date of shipment. Parts must be properly installed and used under normal conditions. Any product which has been altered, including modification, misuse, accident or lack of maintenance will not be considered under warranty. Normal wear is excluded. The sole responsibility of Buyers Products Co. under this warranty is limited to repairing or replacing any part or parts which are returned, prepaid, and are found to be defective by Buyers Products Co. Authorization from Buyers Products Co. must be obtained before returning any part. No charges for transportation or labor performed on Buyers' products will be allowed under this warranty.