

Avoid the Butterfly Gremlins

Did you know that the pin that holds the handwheel onto the shaft of a gear operator can only go in from one direction? As long as you don't force it, you can avoid the "gremlins" that slow assembly and installation.

To reduce packaging and simplify shipping, Milwaukee Valve gear-operated butterfly valves are delivered with the handwheels loose and the connecting pin taped onto the handwheel. Whether on a new valve or with a replacement handwheel, installation of the wheel is pretty straightforward, if done correctly.



There are two holes on either side of the handwheel hub – one is slightly smaller than the other. The pin is solid steel, not a roll pin as used to secure the stem to the body of the valve. The pin should be inserted into the larger hole first, as indicated by a dot on the hub (see picture above). The pin will then simply slide in and through the shaft until it reaches the smaller hole on the other side. Since the pin is supported by one side of the hub and the shaft itself, it can then be successfully tapped through, even with the opposite side of the hub. Attempting to drive the pin into the smaller side can damage the pin (and potentially a finger or two.)



Secondary Handwheel Bolt

In addition to the handwheel pin, Milwaukee Valve butterfly valves include a threaded hole where a supplied washer and bolt provide a secondary backup to the pin, in case the pin is lost or sheared.

Valve Installation Bootcamp



Join us for **Tuesday's** complimentary **Valve Installation Bootcamp** webinar. Applications engineering manager Lisa Hall will cover successful installations of Milwaukee Valve ball, butterfly, gate, globe and check valves. She will discuss avoiding field issues with better valve selection during design phases, and she will conclude with tips on what to do or *not* do during installation.

The webinar is FREE. It will start at 1:00 (CDT) and run for 30-45 minutes, including a short Q&A session following the program.

Register by clicking [HERE](#).



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