



**MANUAL OVERRIDE FOR
CYLINDER OPERATED
T-SERIES ACTUATORS**

Instruction **D10159**

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DeZURIK

Manual Override for Cylinder Operated T-Series Actuators

Instructions

These instructions provide information about manual overrides. They are for use by personnel who are responsible for installation, operation and maintenance of manual overrides.

Safety Messages

All safety messages in the instructions are flagged with an exclamation symbol and the word Caution, Warning or Danger. These messages indicate procedures that must be followed exactly to avoid equipment damage, personal injury or death. Safety label(s) on the product indicate hazards that can cause equipment damage, personal injury or death. If a safety label becomes difficult to see or read, or if a label has been removed, please contact DeZURIK for replacement label(s).



WARNING!

Personnel involved in the installation or maintenance of valves should be constantly alert to potential emission of pipeline material and take appropriate safety precautions. Always wear suitable protection when dealing with hazardous pipeline materials. Handle valves that have been removed from service with the assumption of pipeline material within the valve.

Inspection

Your manual override has been packaged to provide protection during shipment; however, it can be damaged in transport. Carefully inspect the unit for damage upon arrival and file a claim with the carrier if damage is apparent.

Parts

Recommended spare parts are listed on the assembly drawing. These parts should be stocked to minimize downtime.

Order parts from your local DeZURIK sales representative, or directly from DeZURIK. When ordering parts, please include the 7-digit part number and 4-digit revision number (example: **9999999R000**) located on the data plate attached to the valve assembly. Also include the part name, the assembly drawing number, the balloon number and the quantity stated on the assembly drawing.

DeZURIK Service

DeZURIK service personnel are available to install, maintain and repair all DeZURIK products. DeZURIK also offers customized training programs and consultation services.

For more information, contact your local DeZURIK sales representative or visit our website at www.dezurik.com.

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Manual Override for Cylinder Operated T-Series Actuators

Description

This is a Manual Override (MO) for cylinder operated T-Series actuators. It is used to manually actuate a valve that is normally actuated by a cylinder actuator.

Lubrication

The manual override is lubricated at the factory and requires no additional lubrication.

Manual Actuation

1. If the actuator is powered, disconnect and lock out the pneumatic, hydraulic, or electrical power to prevent accidental operation of the actuator.



WARNING!

Moving parts from accidental operation of power actuator can cause personal injury or equipment damage. Disconnect and lock out power to actuator before servicing.

2. Place the selector valve mounted in the cylinder piping in the MANUAL position.
3. Turn the nut on the manual override to move the valve in the OPEN or CLOSE direction. Turn the nut clockwise to open the valve.

Automatic Actuation

The manual override is always engaged during normal operation. It is not necessary to engage or disengage the manual override.

If the actuator is a powered actuator, reconnect power to the actuator.

1. Place the selector valve mounted in the cylinder piping in the AUTO position.
2. The unit is now ready for automatic operation.