

Kit P/N – 16300-1120

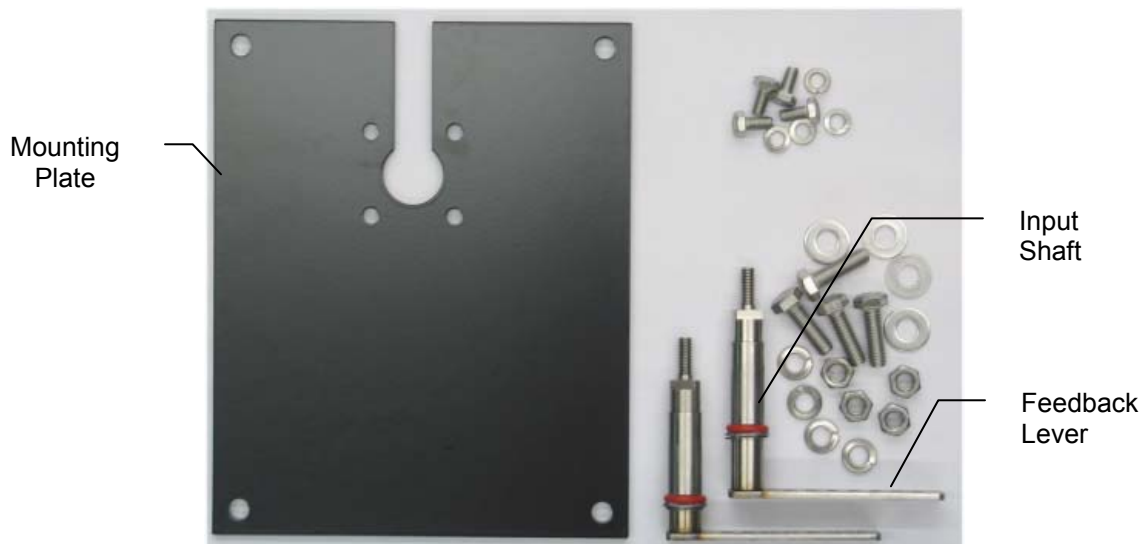
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**Mounting A ValvePAC Series 760 Valve Positioner
In Place Of A Bailey Valve Positioner**

This publication provides instructions for replacing a Bailey brand valve positioner (linked to a final control element such as a Bailey damper drive) with a Siemens ValvePAC™ Series 760 valve positioner and connecting the mechanical feedback linkage. Kit components are shown below.

IMPORTANT

A Bailey brand positioner must have been previously installed. This kit is not suitable for a new installation.



KIT PARTS

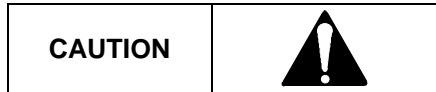
Description	Quantity
Mounting Plate	1
Long Feedback Lever Assembly with Silicone O-ring	1
Short Feedback Lever Assembly with Silicone O-ring.	1
1-1/8" Long Hex Hd. Screw*	4
Split Lockwasher	4
Nut	4
M6 x 12 Hex Hd. Screw	4
M6 Split Lockwasher	4

* Other screws may also be provided for use as needed.

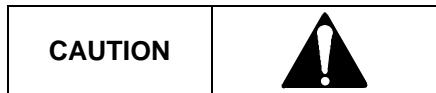
INSTALLATION

Refer to the following procedure and to the installation manuals for the Siemens and Bailey positioners while performing the installation. The current revision of the Siemens positioner manual¹ is available from the Siemens Internet site. See Customer/Product Support later in this Instruction for the URL.

Before beginning the installation, note the following cautions.



Do not apply supply pressure to the valve positioners and associated equipment during the installation process. Applying supply pressure before the equipment is properly mounted could cause unexpected movement that could lead to personal injury or equipment damage.



Do not exceed the maximum air pressures stated in the equipment manufacturer's literature. Exceeding these ratings could cause personal injury or equipment damage.

1. Open the supplied kit(s). Check the included parts against the parts list and photograph on page 1.
2. Select a feedback lever – Two feedback levers are supplied:
 - The lever with the longer input shaft (1.027" extension from base of positioner) is recommended.
 - The lever with the shorter input shaft (0.577" extension from base of positioner) is a closer approximation to the existing Bailey feedback lever.
3. To install the selected feedback lever, refer to SD760 (the positioner User's Manual) and to the installation instructions accompanying the levers.
4. Fasten the positioner to the mounting plate using four M6 screws and lockwashers. If the lever with the shorter input shaft is installed, one or two of the M6 screws may need to be removed.
5. If not already removed, uninstall the Bailey brand positioner. Fasten the mounting plate (from Step 4) to the user-supplied assembly with either hardware supplied in the kit or appropriate user-supplied hardware. Connect the feedback linkage to the feedback lever.
6. Index the positioner cam as described in SD760.
7. Tighten all hardware.
8. Read the "Cautions" above and then apply appropriate air pressures to fully stroke the final control element. Exercise the assembly to ensure that:
 - The feedback linkage does not prevent the final control element from fully stroking. Adjust as needed.
 - All hardware is tightened securely.
9. Once the linkage moves freely for the entire stroke, make any additional electrical and pneumatic connections and then proceed to the calibration instructions in SD760.

¹ ValvePAC Series 760 User's Manual (SD760)

CUSTOMER/PRODUCT SUPPORT

For the location of your local Siemens representative, visit the Siemens Process Instrumentation product support page at <http://www2.sea.siemens.com/Products/Process-Instrumentation/Support/Customer-Support.htm>.

For technical support refer to the following table and click the appropriate link.

Technical Support	
Online Support Request	http://www.siemens.com/automation/support-request
Telephone	1 800 333 7421
Hours of Operation	8 a.m. to 4:45 p.m. eastern time, Monday through Friday (except holidays)
Technical Publications in PDF	http://www2.sea.siemens.com/Products/Process-Instrumentation/Support/PI-User-Manuals.htm then click the product line (e.g. Control Solutions)
Public Internet Site	http://www2.sea.siemens.com/Products/Process-Instrumentation
Repair Service	1 800 365 8766 extension 3187 (for warranty and non-warranty service)

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