

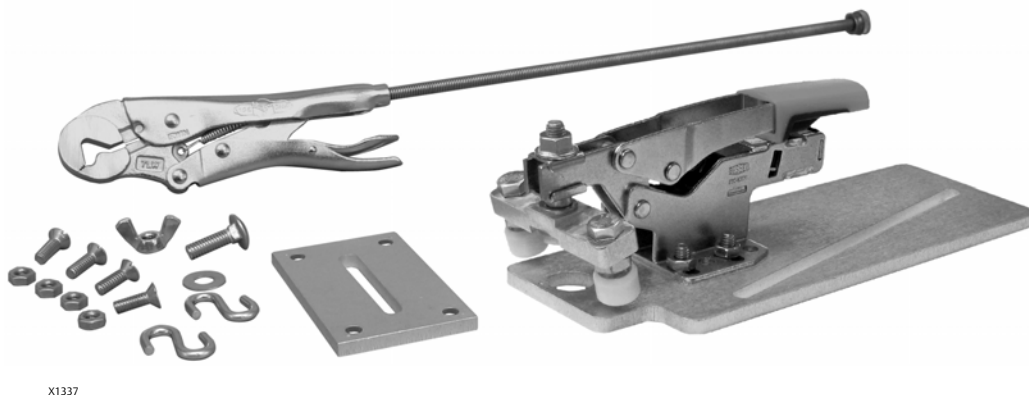
FlowScanner™ Travel Transducer Mounting Kit for Common Sliding-Stem

The FlowScanner Travel Transducer Mounting Kit for Common Sliding-Stem (CSS) valve assemblies is used to securely attach the travel transducer in order to accurately measure valve travel for a diagnostic test. This quick-connection apparatus connects to the actuator's diaphragm casing lip temporarily and provides an adjustable means to affix the FlowScanner Linear Travel Transducer.

The FlowScanner Travel Transducer CSS Mounting Kit is designed to reduce diagnostic testing hook-up time by incorporating quick action concepts within the bracketry. The single clamping motion used to connect a travel transducer mounting location reduces time required to setup a control valve assembly for diagnostic testing. Valve travel is a vital characteristic to all control valves and accurate measurement of valve travel is significantly important during diagnostic testing. The CSS Mounting Kit will improve the measurement of travel and the resulting diagnostic testing.

Features

- **Ease of use**—A single motion, one hand use, is needed to clamp this bracket on to the actuator allowing the user a means to become repetitive in testing hook-ups. The same applies to connecting the modified locking wrench to the valve stem or feedback arm.
- **Fast**—Reduces diagnostic test hook-up time of travel transducer, greatly lowering the overall diagnostic testing time.
- **Auto-Adjusting Clamp**—The clamping width is auto adjusting to different heights, corresponding to different actuator casing lip thicknesses. No individual adjustment is required.
- **Compatibility**—Fits all Fisher™ and most other spring and diaphragm actuators with stamped steel casings.
- **Versatility**—Slotted bracket allows travel transducer to be infinitely placed, yet placed in the proper position regardless of the actuator model and size, allowing the cable to be parallel to the valve's travel.
- **Sturdy Mounting**—The combination of high clamping force, a wide clamping surface, and a thick, flat aluminum bracket creates a solid mounting location for the travel transducer.



Product Bulletin

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September 2017

FlowScanner Common Sliding-Stem Mounting Kit D104182X012

Available Configurations

CSS Mounting Kit: P/N GE80360X012

Mechanical Specifications

Construction: Steel, Aluminum

Clamping Force: 500 lbs typical

Clamp Opening Width: 0.375 inch to 0.800 inch

Clamping Bracket Length: 10 inches

Modified Locking Wrench Length: 19 inches

Compatible Actuators

Fisher 657, sizes 30 to 70

Fisher 667, sizes 30 to 70

Fisher GX, all sizes

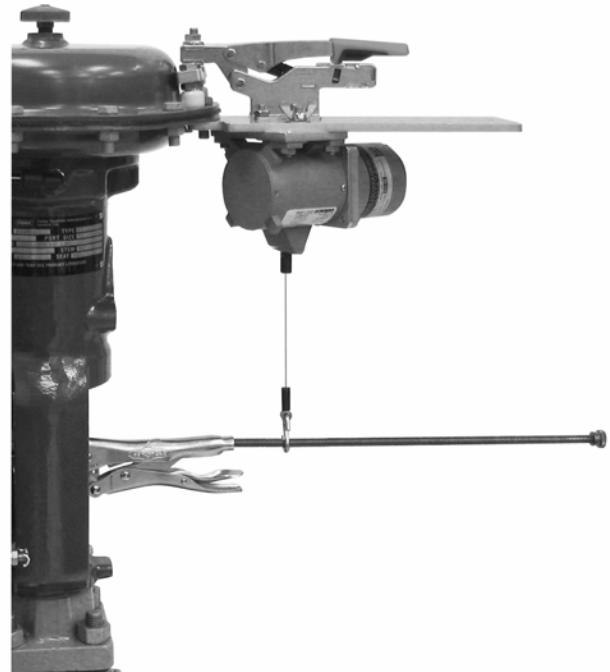
Masoneilan 37/38

Masoneilan 87/88

Copes/Vulcan 700 Series

Many other spring and diaphragm actuators with stamped steel casings

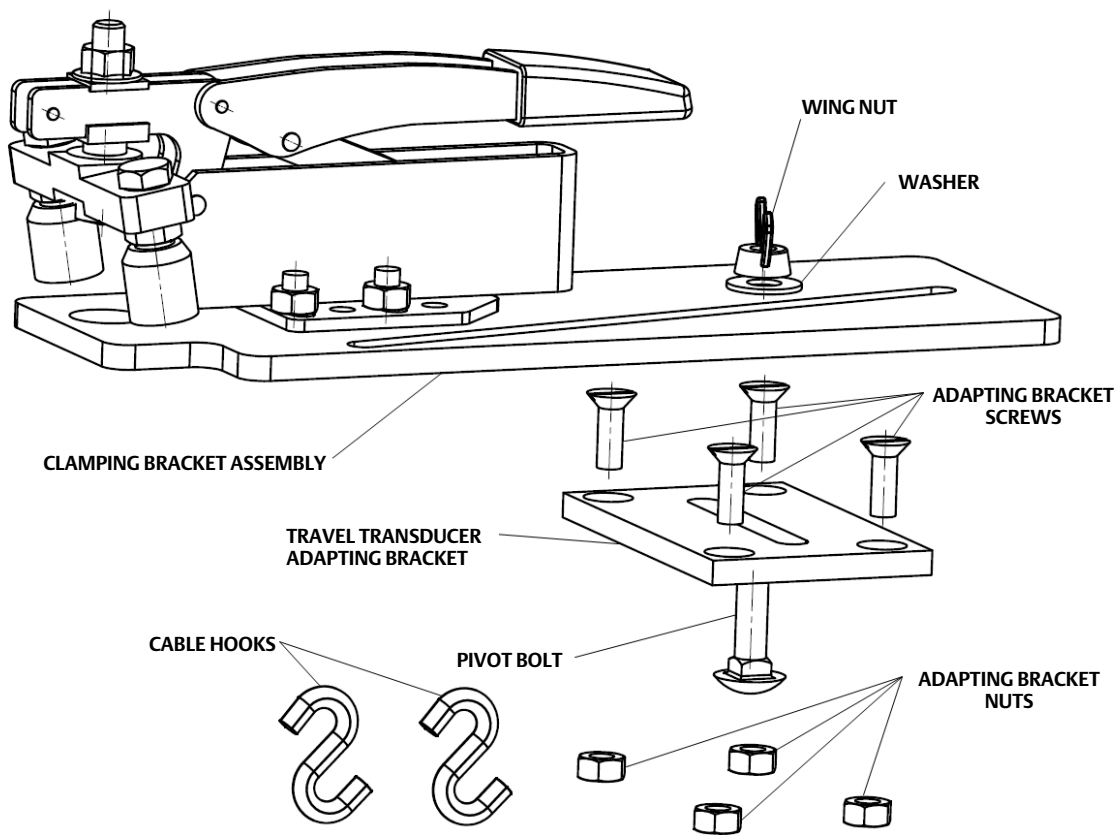
Figure 1. CSS Mounting Kit



Parts Included

Qty	Description	Qty	Description
1	Clamping Bracket Assembly	4	Adapting Bracket Nuts
1	Modified Locking Wrench	1	Pivot Bolt
1	Travel Transducer Adapting Bracket	1	Washer
4	Adapting Bracket Screws	1	Wing Nut
		2	Cable Hooks

Figure 2. CAD Drawing



Not Shown:
Modified Locking Wrench

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