

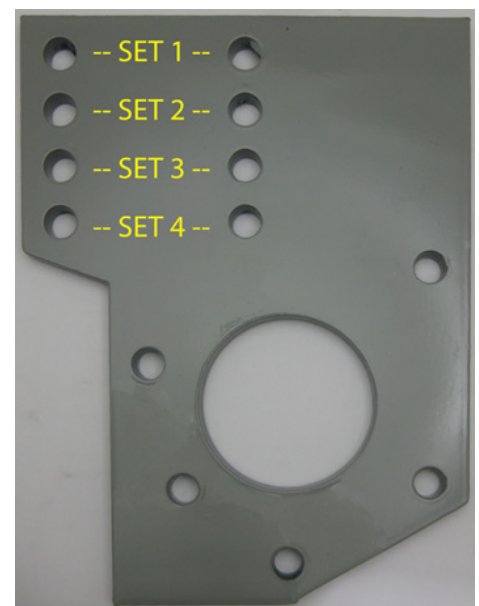
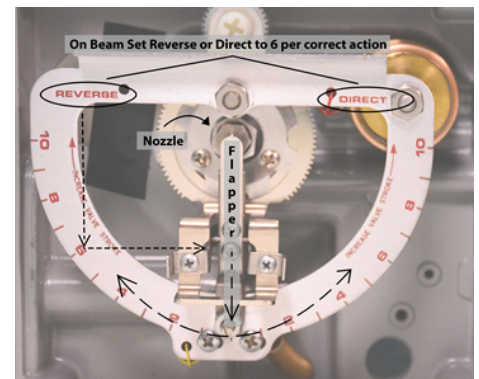
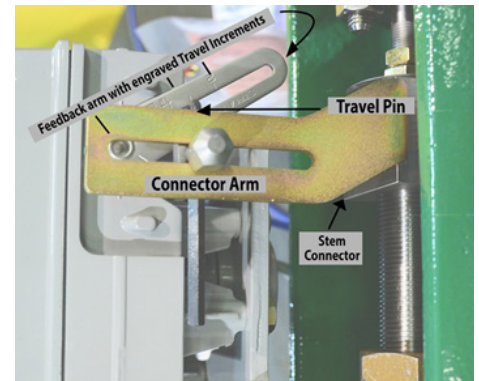
# CHECKLIST

## 3582– Install & Setup

Specifications needed for this procedure can be noted in column at right

### □ **Installing stand-alone unit:**

- Mount to yoke of actuator – mounting kit may be purchased and/or installed separately
- Apply pressure to actuator to lift valve plug off seat
- Mount connector arm to stem connector while maintaining thread engagement –
  - Remove 1 cap screw from stem connector and attach connector arm, replace cap screw and tighten snugly
  - Remove 2nd cap screw and install through other mounting hole of connector arm and tighten snugly
  - Level connecting arm and tighten both cap screws to published torque specifications
- Set at 50% of **valve travel**
  - Install travel pin between connector arm and feedback arm so travel pin lines up to actuator travel along feedback arm
  - Actuator action will determine travel pin position above or below connector arm, and will install properly only in that orientation
  - Tighten travel pin in place when it lines up to valve travel engraved on feedback arm



### □ **Setup & Calibration:**

- Apply appropriate Supply Pressure per **output** selected
  - Correct at 5 lbs over high end of **output**
- Apply input source, current or pressure, based on input selected
  - Standard options: pressure 3-15, 6-30 psi, current 4-20 mA
  - If installing split range please contact for any tech help needed
- Based on **Valve Fail Position**, adjust flapper along beam on **direct or reverse** side to approximately 6 on the settings
- **Zero:** apply low end of input selected, then adjust flapper height against the nozzle to achieve low end of output per bench set
- **Span:** Apply high end of input selected, then further move along beam to achieve high end of output per **bench set**
- **Linearity:** Apply 50% of **input selected** to verify linear operations
- **Fine tune:** apply input repeatedly at 0%, 50%, and 100%
  - Adjust flapper height and position on beam affecting zero and span as needed

### **Spec Notes**

Valve travel:

Output:

Input:

Valve Fail Position:

Direct or Reverse:

Bench Set:

**Additional troubleshooting is available through technical support, please make sure to note any symptoms or issues as they occur, including process information, or communicator error readings. Call our Main Line: 800-325-4808**

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