MOUNT AN ACTUATOR
on MOGAS Model iRSVP Valve

The purpose of this procedure is to provide information to properly mount an actuator on a Mogas Ball Valve. It is extremely important that these steps are followed to ensure the valve will provide maximum performance.

1. Verify that the valve is orientated properly in the line. (Ex: It doesn't matter which way the flow goes as long as the highest pressure is on the upstream side [pressure end] when the valve is closed.)

2. Verify that the scribe line on the valve stem is orientated properly. When the valve is closed the scribe line should be aligned with the scribe line on the packing gland and the "closed" indication on the stem shoulder (thrust bearing) should be visible. To open valve rotate counter-clockwise.

3. Place the valve and operator in the same position (Open or Closed). Install the stem adaptor on the valve so the key-way on the adaptor corresponds with the key-way on the operator.

4. Carefully align the key-ways and install the key and operator onto the valve mounting bracket. Install the operator bolting at this time.

5. After the operator is connected it should be stroked to ensure that the stops are properly set and the operator is rotating properly. **(Clockwise to close and counter-clockwise to open).**

6. The stops should be adjusted at this time. The open stop is the most important stop to set. It is preferred that the open stop be set while the valve is not installed in the pipeline. This will allow for the bore to be properly aligned ensuring that there are no edges exposed to the flow. However, if the valve is installed in the line, look for the scribed lines on the stem and the gland flange. When the actuator stop is properly set the scribed lines on the stem and gland flange match. These lines are approximate locations and are not 100% accurate. For best results make sure that the lines never under travel; however, a small amount of over travel (approximately .040) is preferred. A minimum travel of 90° is required to align the scribe lines perfectly. **(Clockwise to close and counter-clockwise to open).**

7. After open and closed stops are set, be sure all bolting is tight and the valve is left in the required position.

(Note: Misalignment can result in valve under or over stroke thus creating a leak and affecting warranty.)

14330 East Hardy Street Houston, TX, USA 77039-1405 **www.mogas.com**
ph +1.281.449.0291 **fax** +1.281.590.3412 **email** mogas@mogas.com

MOGAS®
SEVERE SERVICE BALL VALVES