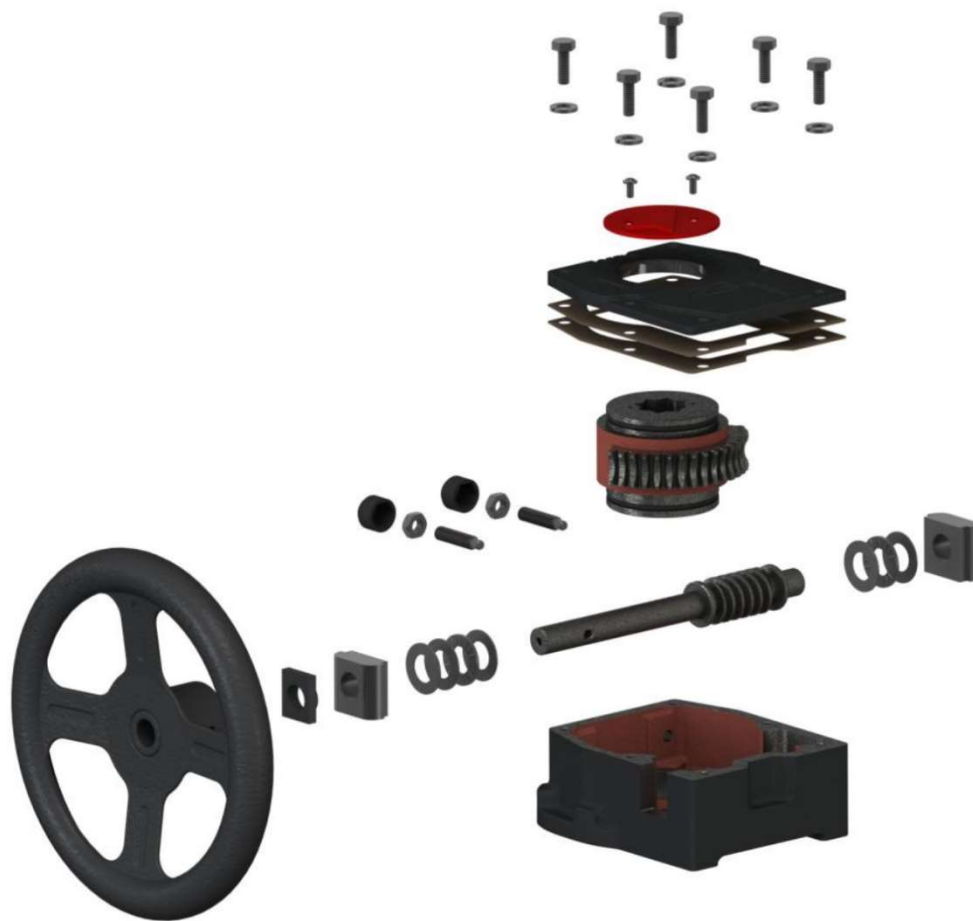




GO SERIES
QUARTER-TURN GEAR OPERATOR
Installation, Operation, and Maintenance Instructions



INSTALLATION

First, identify the required bolts needed to mount the gear operator.

Begin mounting by placing the valve and gear operator in the same position: open or closed. Note that the indicator plate correctly denotes the valve position. If not, reposition the indicator plate by removing the two screws holding it in place and readjusting as needed. Verify the stem of the valve is properly sized to the drive of the gear operator. If not, use the appropriate adapter and/or mounting kit to achieve this. Carefully lower the gear operator over the stem until it lies flat on the mounting flange. Install the bolts in a “star” pattern and tighten them down evenly. Verify the valve and gear operator are securely assembled.

CALIBRATION

The travel stops of the gear operator can be used to control the degree of travel. The left travel stop, furthest from the handwheel, is used to control the normally open or full counterclockwise position. The right travel stop, closest to the handwheel, is used to control the normally closed or full clockwise position. To adjust either travel stop:

1. Remove the rubber travel stop cover
2. Loosen the hex nut
3. Loosen the set screw
4. Use the handwheel to rotate the gear operator to the desired position
5. Screw in the set screw until resistance is felt
6. Tighten the hex nut while holding the set screw in position
7. Replace the rubber travel stop cover

OPERATION

To open the valve, rotate the handwheel counterclockwise until the indicator points to “OPEN” and/or the travel stops have been reached. Likewise, to close the valve, rotate the handwheel clockwise until the indicator points to “CLOSE” and/or the travel stops have been reached.

MAINTENANCE

Perform occasional inspections of the gear operator every two to three weeks if possible. Ensure the unit is free of significant dirt, debris, and/or liquid exposure to maximize the cycle life and performance of the gear operator.

LOCKOUT KIT INSTALLATION (Optional)

Gear operator lockout can be achieved with an additional lockout kit. To install and utilize the lockout kit, refer to Fig. 1 and follow these installation steps:

1. Remove the two body bolts near the gear operator name plate.
2. Attach the lockout bracket to the gear operator using the two extended body bolts. (*Note: If desired, tamper proof bolts can be used in place of standard body bolts, please call for details.)
3. Slide the lockout flange onto the gear shaft, line up a hole from the lockout flange with the lockout bracket and tighten the set screw. (*Note: Handwheel must be removed from gear shaft to install lockout flange!)
4. To lockout, turn gear operator to desired lockout position and align with the closest lockout flange hole. Install lock through both the flange and bracket.

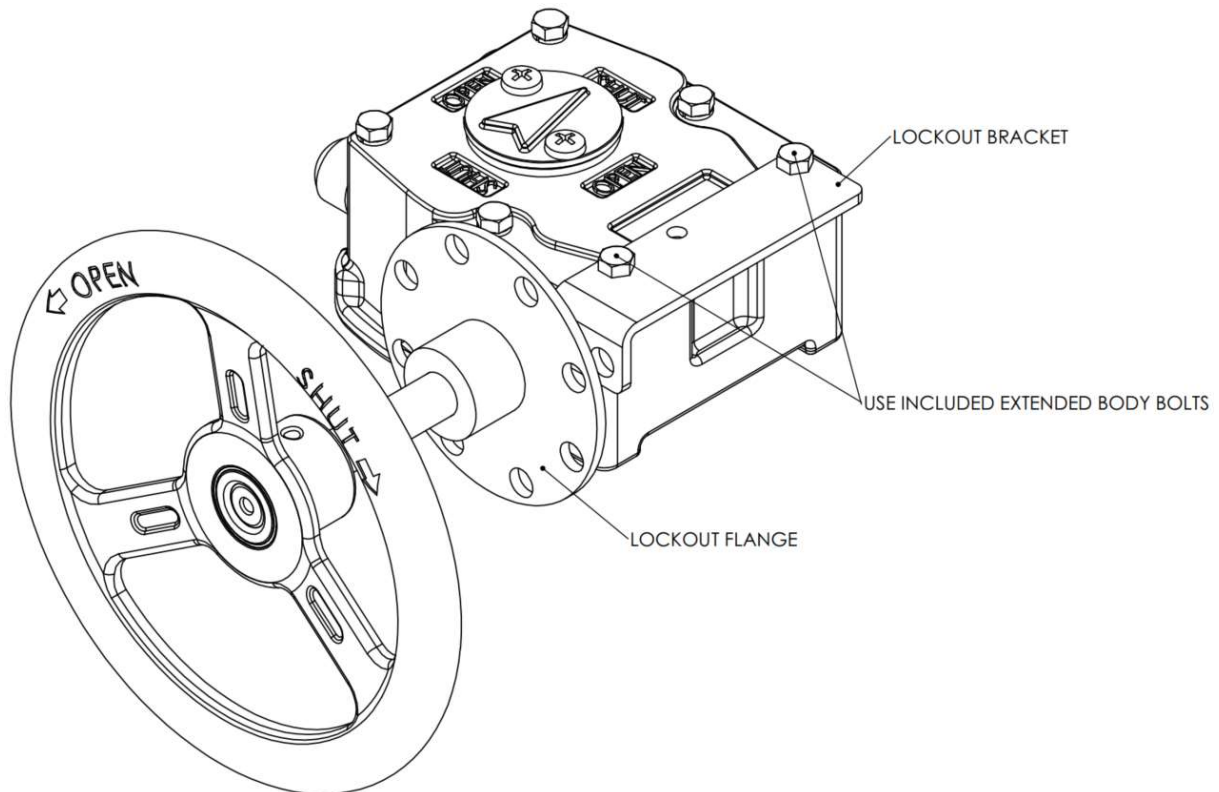


Fig. 1

LIMIT SWITCH KIT INSTALLATION (Optional)

Limit switch mounting can be achieved with an additional kit. To install and utilize the limit switch kit, refer to Fig. 1 & 2 and follow these installation steps:

1. Remove the red indicator plate.
2. Install the NAMUR shaft in the correct orientation with respect to the valve, gear, and limit switch shaft positions (Fig. 2).
3. Remove the four body bolts surrounding the NAMUR shaft.
4. Install the mounting plate using the included replacement bolts (Fig. 1).
5. Install the limit switch using the NAMUR mounting holes and shaft (Fig. 2).

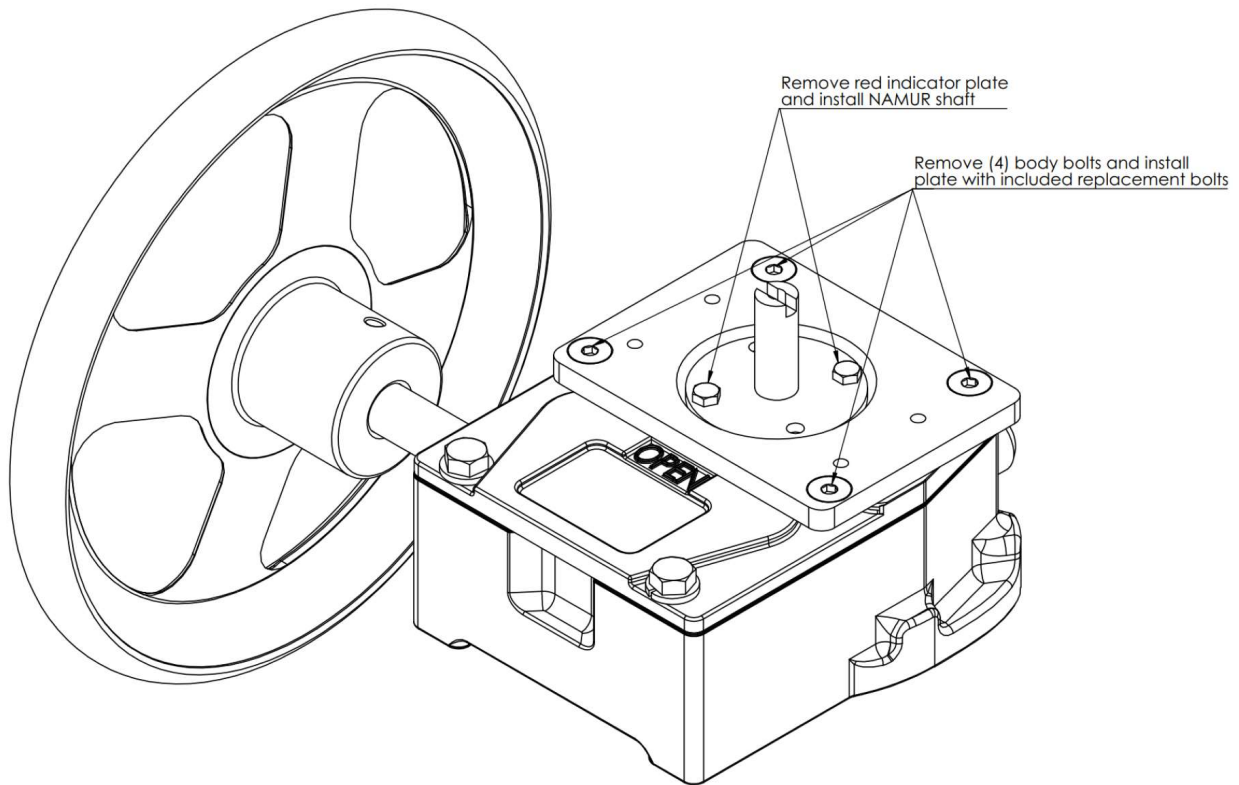


Fig. 2

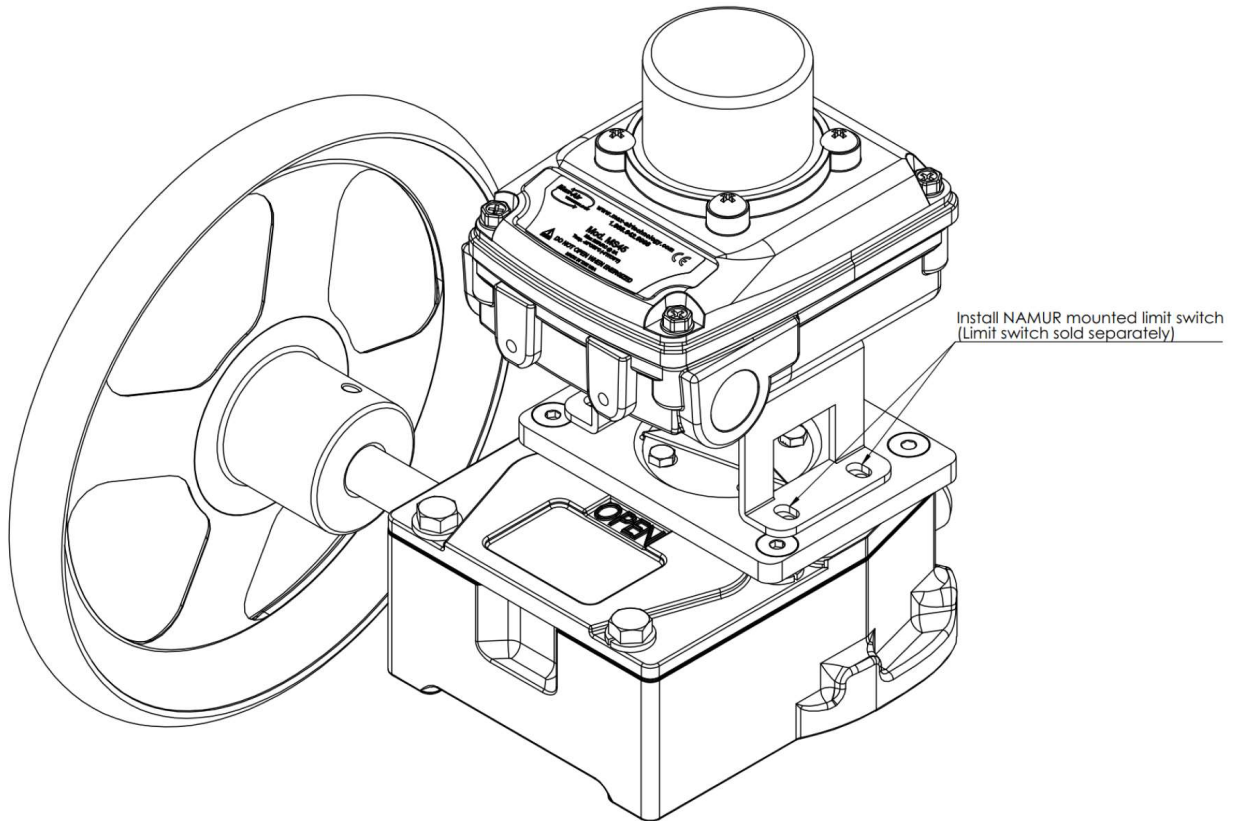


Fig. 3