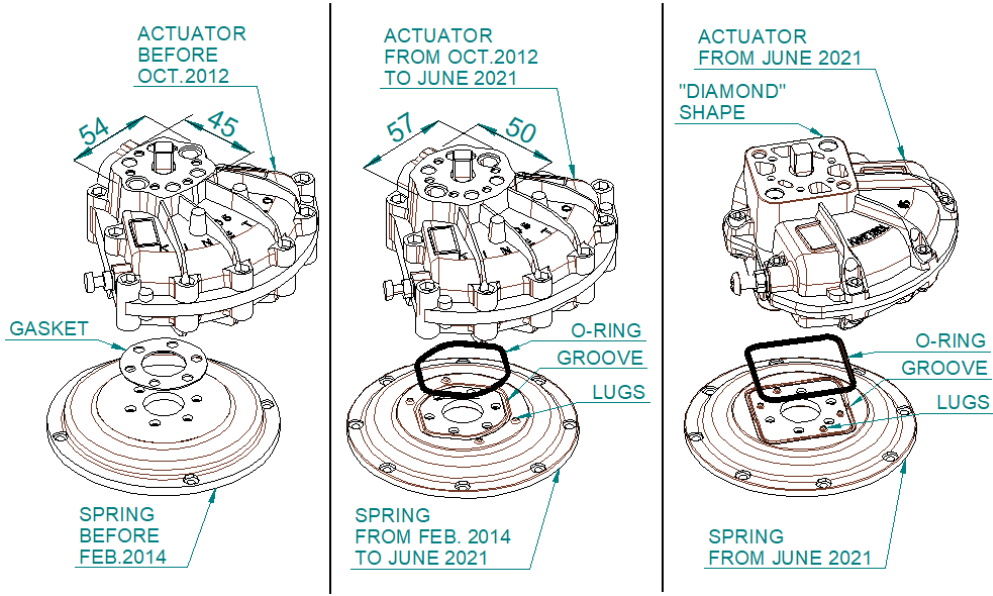


Title: 2021 05 SPRING RETURN UNITS

Introduction.

In June 2021 the 05 actuator was redesigned. This includes a change to the O-ring and groove in the spring unit base plate. This supersedes the redesign of 2014 sketches below show which base plate design is compatible with the relevant age of actuator.

Because of the shape of the O-ring groove, it is theoretically possible to fit the spring base plate to the actuator in the incorrect orientation (i.e. 60° out of position) which could allow leakage past the O-ring. To prevent this, the base plate has lugs protruding from the cast surface; If the base plate is attached to the actuator in the wrong orientation, the lugs will prevent the face of the base plate from contacting the actuator face, creating a clearly visible gap. The correct version of base plate must be used, and **MUST** be orientated such that the lugs overhang the sides of the actuator mounting face (2014 versions), or sit within the cast recesses (2021 versions) and do not make contact with the mounting face. (see sketch below)



CORRECT BASE PLATE ORIENTATION

INCORRECT BASE PLATE ORIENTATION

