



Brief Install Guide

Static Actuator Installation with Support Plate

Cap top Adaptors

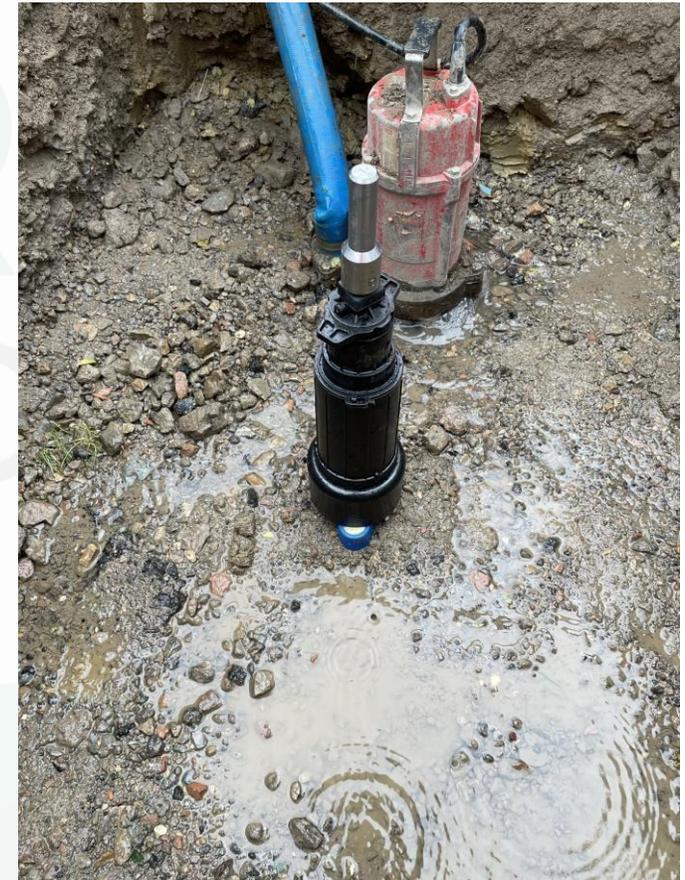


To connect to valve directly or onto cap top - A range of adaptors are available to suit most valve sizes

The adaptor connects straight onto standard UK cap top.
This adaptor should be a tight fit with no play when installed.



The cap top can also be removed and an adaptor attached directly to the valve, which is the preferred installation method. This adaptor should be a tight fit.



After the correct sized top cap adaptor has been installed:

Install the dust/mud cover and connect to the spindle
(telescopic model shown but various heights are available plus extension pieces)

Check spindle is vertical using a spirit level





Set the spindle height by measuring down from ground level to allow enough room for actuator and manhole cover to be installed.

Back fill to just below the wings on the spindle to allow the black support plate to be put into position.

Level up ground area under the black support plate and **ensure it is compacted**. Remove yellow protective cap and line up support plate, rotating black rim on spindle in line with the two lugs on the stainless support plate, push down into position if using telescopic spindle.



Bolt actuator to support plate with supplied M16 bolts and washers x 4

Check black support plate is level and lower the actuator into position being careful due to being heavy when lowering onto the keyed spindle as not to cause damage.

Now in position bolt the stainless support plate to the studs in position on the lower black support plate. x 4 M10 nuts and washers.

The Battery case can be bolted directly on the top of the support plate on either side or in the semicircle cutout of the black support plate to reduce the height required for the installation.

NOTE: Consider where the cables attach to the actuator at this point to ensure they can be connected after the install is completed without obstruction.





Back fill over support plate with soil or sand and compact. Install chamber sections (if required) to bring height to ground level. 600x600 sections recommended to allow easy cable access.



Install manhole cover, 600x600 composite D400 shown (highways rated) with lockable cover. Back fill inside chamber sections to 100mm from the top of the actuator. Install battery into sleeve.

B125 manhole cover can be installed in pedestrian areas to give a lower profile.



Connect cables using flat head screwdriver ready to be commissioned to set up the open/close positions and closing profile.