

EON QK-E400FCC SWING GATE OPERATORS BUILT-IN LIMIT SWITCHES ADJUSTMENT

Before proceeding with the adjustment procedure of the QK-E400FCC built-in limit switches, please follow the below steps to install the operators on the gate.

1. When the brackets are correctly mounted according to the geometry map, the operator arm can be attached to the bracket on the gate post.
2. Screw back the extension shaft completely (clockwise) when the operator arm is mounted on the gate post.
3. Then unscrew it by one full turn (counterclockwise)
4. Open the gate and fix the operator arm to the gate.
5. When the arm is mounted in the gate, unlock the arm manually with the corresponding key and push the gate to its closed position and then lock it again. Make sure your arm is locked in position by gently shaking the gate and listening for a clicking sound.
6. Check that the distance between the bracket on the gate and the bracket on the gate post does NOT exceed 1122mm.
7. Repeat the above procedure with the other operator.

BUILT-IN LIMIT SWITCHES ADJUSTMENT PROCEDURE

1. Close both gates so that they face each other. Unscrew the plastic sleeve according to the picture (it can be tight so it can be good to loosen it before mounting the operator on the gate)



2. When the plastic sleeve is loose, move it and the blue sealing ring until you see the white plastic sleeve. Make a line at the white plastic sleeve according to the picture.



3. Remove the operator from the bracket on the gate leaf (may be easier to remove the entire operator and make these adjustments on a table)
4. Unlock the arm with the key and pull out the arm so that the mechanical limit switch is visible (It can sometimes sit further in on the arm, so you may sometimes need to pull out most of the arm to access it)
5. Place the mechanical limit switch against the white plastic sleeve (make sure the white plastic sleeve is still straight against the line you drew). Then fasten the screws to the stop with an Allen key. Make sure that the screws are tight and that the limit switch is firmly seated.



If you have access to a welder, we recommend that you place a weld joint at the stop to ensure that the stop cannot move.

6. Push the arm in and place the blue sealing ring against the white plastic sleeve. Then finally screw the plastic sleeve back on. (If necessary, use thread locking to attach the sleeve).



7. Fix back the operator to the gate.
8. Unlock the motor manually with the key. Check that the limit switch is seated correctly by manually opening and closing the gate leaf.
9. When everything is correct and both operators are installed, you can close the gate, lock the motors with the key and continue with the electrical installation.