

AUTOROLL UK LTD.

Roller shutter fitting instructions

Requires 2 people. We recommend that you wear safety gloves and suitable eye and ear protection during installation.

Step 1 – fix flag posts

To obtain the correct distance between the 2 angles (flag posts), you must measure the exact width of the door curtain, not including the plastic endlocks and then add 40mm to give you a back of angle size.

Example: - if the door curtain width is 2140mm, then the measurement, including the thickness of the angle (flag posts) should be 2180mm – this will give the curtain the required air gap to operate smoothly.

Securely fix the 2 angles (flag posts) to the wall with suitable fixings. These must be fitted parallel and level across the top of the headplates.

Step 2 – fit barrel

Lift the barrel into place inserting the square locator of the motor into the star bracket on the headplate and lock with split pin. Slide the shaft on the opposite end of the barrel out and locate it in the bracket on the second head plate; check to make sure that the barrel is level and then tighten bolt.

Step 3 – wire motor

Please clip the cable back out of the way of any moving parts and follow the instructions of the control unit that you wish to use.

Step 4 – identifying the open and close stop limits on the motor

Once the motor has power, start the barrel to turn in the closed direction. This would be clockwise if the motor is mounted to right and anti clockwise if motor is mounted to left. Let the motor run until it stops itself in the fully closed direction. On the end of the motor there are two coloured plastic limit stop setting screws; these determine where the motor will stop. Whilst keeping the key switch (if fitted) turned in the down direction or within 2 minutes if using a remote control, turn either of the coloured plastic screw a full turn in the (+) direction, using the limit switch adjuster provided. If the motor starts to continue in the downward direction, you have identified the down (closed) limit screw. If not, turn the other screw a full turn in the (+) direction and this should start the motor in the downward direction. Now that you identified which is the down limit and which is the up limit screw, make a note of this and leave the motor in the fully down position before attaching the curtain.

If whilst identifying the limit screws, the motor stops and will not travel in either direction, this will be its built in thermal trip, this is normal and is to protect the motor. Please leave for 15 minutes to cool down before continuing.

Step 5 – fit curtain

Please isolate power before commencing!

Drill the top small connector slats (9mm hole) and slide onto the top of the curtain. Lift the whole curtain and locate the holes that you have drilled in the top connector slats over the bolts on the barrel and tighten down. To make this easier, you can stop the motor (whilst travelling in the closed direction) so that the bolts are facing you – obviously make sure the finished surface is facing outside.

Step 6 – fitting guide rails

Before commencing further, be ready to isolate the power in case you have not identified the down limit correctly, as this will cause damage to the door curtain.

Once the curtain is securely in position, you can operate the door to open and the door will automatically stop once the door has reached its top limit.

If operating by a key switch, keep it turned in the open position and then using the limit switch adjuster provided and keeping fingers out of the way, start to turn the up limit in the (+) direction and the door will start to move upwards approximately 50mm per revolution of the limit screw. Keep adjusting until the door is almost fully wound up – you can now slide the guide rails into place and bolt them to the supporting angles. If adjusting the limits with a remote control fitted, this must be done within two minutes or the remote will cut power to the motor.

Step 7 – commissioning and testing

The top limit should be set so that there is a minimum of 75mm of the bottom of the door still in the top of the guide tracks to assist closing. The bottom limit should be set to touch the ground firmly, if it tries to close too far, then turn the bottom screw in the (-) direction until the desired position is achieved.

The general rule for limit screws, is that the more that you turn the screw in the (+) direction, the further the door will travel or the more that you turn it in the (-) direction, the less it will travel. One full turn of either screw will move the doors travel by approx. 50mm.

Run the door up and down three times to ensure that the limit settings are to your satisfaction.

Your new shutter is now ready to use.