

# S250 & S260 Manual Window Control

## Fitting instructions



### Top Tips

1. Decide upon the operator position, normally between 1200-1500mm FFL, allowing at least 230mm from centre of operator to any obstructions for hand clearance.
2. Unscrew collar from front of the operator and lift off cover, gearbox and square conduit. Place steel backplate in position on wall or framework and mark fixing holes. Remove plate and drill 3 holes, fit raw plugs provided, fix backplate and gearbox to wall with the 3no 37mm screws or use suitable alternative.
3. Unfasten the 2 machine screws on the gearbox and lift off the top section. Locate the pre-prepared conduit into the collared recess in the gearbox base. Fit to the right hand port for "pull" to close or left hand port for "push" to close action of the cable on clockwork rotation of the handle.
4. Refit the top half of the gearbox over the conduit and fasten with the 2no fixing screws. Ensure that the groove in the conduit is located in the collar of the gearbox.
5. Complete the installation of the conduit and window openers.
6. Feed the end of the cable into the bottom port of the gearbox directly below the conduit run. Place the handle on the spindle and wind the cable through the system until it appears out of the last chain opener. Wind out to show approx 280mm (for S100) and 410mm for (S150) of cable.
7. Cut the cable directly below the gearbox. Wind down approx 100mm or so, file the end clean and screw on the brass square nut (S720) - see Fig 1. Place the cable and nut on anvil and hit the face side of the nut with a centre punch and hammer to anchor the nut to the cable.
8. Fit the square spent travel tube over the cable and nut and secure into the recess in the gearbox and lay flat on back plate.
9. Replace the cover and fasten with the collar.
10. Replace handle. Operate the system until windows close tightly. Remove handle from the spindle and refit in vertical position ( Fig 2). Fasten to spindle with threaded pin.

The spring stops S700 (supplied separately) can be used to prevent the operator from "over winding" causing the inner cable to disappear into the conduit.

The Brass Nut S720 supplied with the midi operator also prevents this "over winding" effect.

Ensure the inner cable ends are de-burred allowing the spring stops and brass nuts to be positioned onto the end of the cable (turn anti clockwise onto end of cable).

The S260 Midi Operator is designed to be used with the S150 Chain Opener.

*To prevent misuse of windows the handle does not have to be secured with the threaded pin and can be stored in a secure location for authorised use only.*

