

Operating Instructions – 4/5/6m Hinged Column

Instructions for raising and lowering the Pudsey Diamond 4/5/6m Hinged Column

To lower the column, remove the column door using the appropriate key.

Take the pull down rope assembly and unravel ready for use.

Hold the outside face of the lower part of the counterbalance arm with one hand whilst removing the carbine hook that secures the internal latch mechanism to column shaft. Push the latch mechanism up with one hand, releasing the counterbalance arm into your other hand.

Attach the pull down rope, using the carbine hook, to the eye on the inside of counterbalance arm.

Take tension on the rope and feed out steadily, allowing the top section to invert gently and under control. Do not allow the rope to slide through the hands. The load can be reduced on the rope by moving away from the column to improve the mechanical advantage. Continue until top section is fully inverted.

It is now possible to fit or service the lantern at ground level. Note that the column is supplied with a flexible conduit to aid installation of the cable and to route it safely around the hinge area.

The top section can be returned to its operational position by pulling on the pull down rope. When almost vertical, support the counterbalance arm in one hand and remove the pull down rope from the eye. The counterbalance arm should then be pushed hard against the column shaft to engage the locking mechanism. A positive engagement on the latch can be confirmed by an audible clunk from the mechanism and a visual check of the latch dropping down into the locked position. Refit the carbine hook through the hole in the latch mechanism. Refit the door.

For added security the column can be locked in the up position by use of a padlock, fitted through the hole in the latch mechanism, inside of the column base, instead of the carbine hook.

The electrical supply and isolation in the base of the column is not covered in this method statement vdue to local variation. However it is important that the operator is able to have hand access to the upper part of the column base aperture to allow for operation of the latching mechanism.

This method statement relates only to the detail of the operation of this column and does not absolve the contractor from his or her legal duties. Normal risk assessments and method statements must be carried out for the full operating process. IG 25/07/17