

TAYHOPE

STANDARD MULTI-LATCH INSTALLATION INSTRUCTIONS: -

SUPPLIED WITH PADLOCK MULTI-LATCH:

1 Multi-Latch body, 1 Multi-Latch catch, Padlock pins, Blanking Kit & Fitting Template

ADDITIONAL EQUIPMENT REQUIRED FOR INSTALLATION (NOT SUPPLIED):

- 8+ M10 Galvanised Dome-Head Cup Square bolts (carriage or coach bolts) with nuts and washers. The bolts should be to the depth of the post / frame plus 20 mm (30 mm for shear-nuts). Use High-Tensile bolts for high security applications.
- 10.5 mm HSS Drill bit and drill, centre punch, hammer, knife and a suitable spanner.
- Adhesive tape.
- Shear nuts or welder for security applications (both optional, but recommended).
- Allen key for blanking kit if used

POSITIONING:

This lock can be fitted either way up for different gates, also hatch, barrier, manhole etc installations are possible. If you require further assistance please ring +44 (0)151-342-1565 and request Technical Support or e-mail support@tayhope.com

FITTING:

1. Close the gate / gates and engage drop-bolts if available.
2. Using the fitting template, align the vertical line of the template with the centre of the gap between the two leaves of the gate, or between the gate leaf and post.
3. Approximately level the fitting template in a protrusion clear area as detailed under "positioning". Affix the template firmly in place with adhesive tape.
4. Cut down the vertical line on the template, to leave half on each gate part.
5. Centre-punch the marked crosses on the template where they align with frame members (a minimum of 2 and ideally 4 holes should be used, additionally the slot can also be used with up to 2 bolts).
6. Drill out the centre punched marks with a 10.5 mm drill bit.
7. Bolt the body and keeper (catch) to gates using bolts as described above.
8. Secure the nuts. Tayhope Enterprises Ltd. advise that all nuts are permanently secured with tack-welding of the nut to the bolt, followed by treatment of the weld with a galvanising repair preparation as detailed under BS: 1722 Pt 12 1990 and BS:729. Alternatively, tamper-proof fixings such as Shear-nuts should be used.

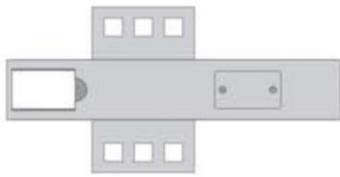
COMMISSIONING:

Drop all padlock pins into the top of the long slot in the main body. All padlock pins should be easily removable. In the event that not all the pins are to be utilised with padlocks, then the "Pin Blanking" procedure detailed herewith should be adopted. While the locking device is open during normal operation, the temporarily removed pin must be securely stored in the single-pin slot provided (perpendicular to the main slot).

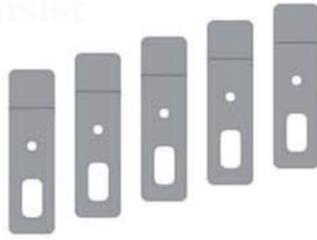
Please note: - Difficulty fitting the lock body, can indicate the incorrect lock has been ordered, please refer to Tayhope for verification. Tubular gate frames and concrete posts etc. may require additional metalwork, such as Chain catches and possibly a Tubular Frame adapter for a secure fitting. Spacing plate details and additional technical support is available. If you require further assistance please ring +44 (0)151-342-1565 and request Technical Support or e-mail support@tayhope.com

The Basic Components

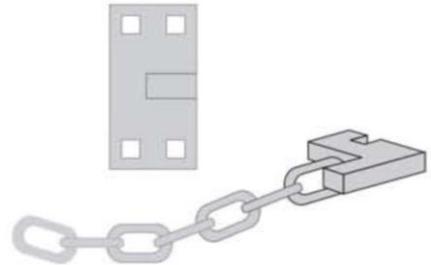
A Multi-Latch consists of



1 lock body
(bolted to gate/ post)



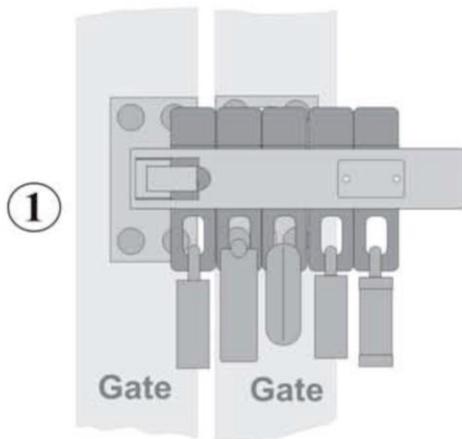
Padlock holders



Catch
Either as a bolt-on catch
or as a catch on the end
of a stainless chain

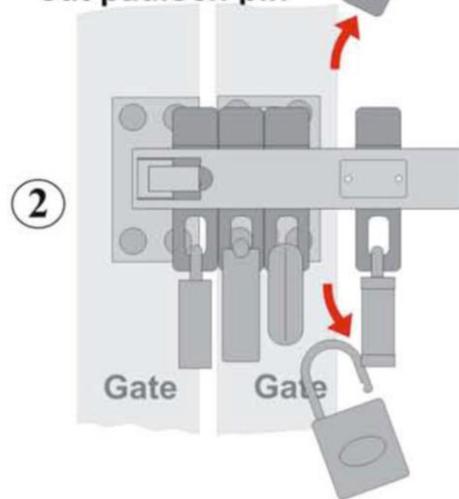
How it works:

Multi-Latch installed normally
with padlocks fitted



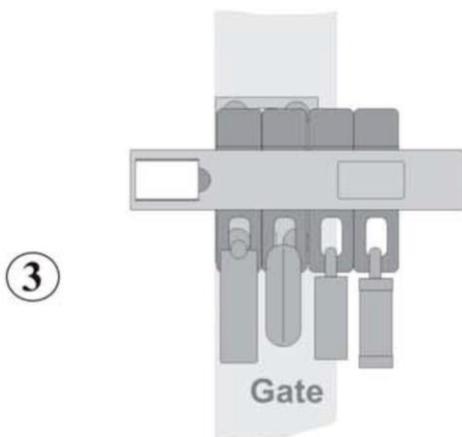
①

To unlock: remove
any padlock and lift
out padlock-pin



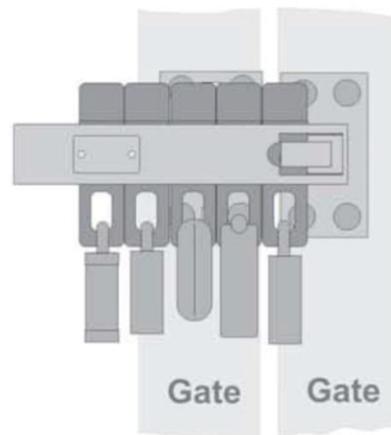
②

Gate now unlocked



③

All Multi-Latch can also be installed
“in reverse” as shown below



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*Very Important: new blank removal procedures included.
Please leave this document with site owner or operator*

NOTES ON GENERAL MULTI-LATCH USE:-

Once a padlock pin has been removed during the normal operation of the lock it must be placed in the short slot at the end of the body provided for this purpose.

The placement of the pin in this slot and the replacement of the padlock ensure that parts are not inadvertently misplaced.

MULTI-LATCH PIN BLANKING PROCEDURE:

Where all the padlock pins in the Multi-Latch are not to be used with padlocks, then the following procedure should be carried out on each "padlock-less" pin. This procedure is also suited to the temporary securing of sites, prior to the general commissioning of installed locks with the requisite number of padlocks.

TO BLANK ANY CHOSEN PIN:-

With the gate open, place the pin to be blanked into the long slot in the top of the main lock body and slide it along the slot to the end of the lock body with the hole in the front. Pass one of the M8 Stainless Steel Allen bolts provided through the hole in the front of the lock body and screw into the small treaded hole punched into the padlock pin halfway down (this should be visible through the hole in the front of lock body).

The pin is now retained within the body of the lock. Repeat for as many pins as required, up to one less than the designated maximum users for each lock model.

Please forward unused blanking pins and these instructions to the site owner/maintainer: they may be needed in the future.

TO UTILISE A PREVIOUSLY BLANKED PIN PLEASE SEE BELOW:

Remove a padlock and pin, place in retaining slot for safe-keeping. Remove the screws retaining the white plastic PIN BLANK COVER positioned on the front of the lock. With the PIN BLANK COVER removed a blanked padlock can be slid into place behind the newly exposed PIN BLANK REMOVAL HOLE. The pin blanks can now be removed from as many disabled pins as required using an Allen key. Following this procedure the PIN BLANK COVER should be replaced.

Alternatively, for the short-term addition of a padlock user, such as a temporary contractor, a Dual Multi-Lock can be used in conjunction with the site owners padlock pin.

Any technical enquiries regarding Multi-Latch should be referred to the manufacturers:

Tayhope Enterprises Ltd

Tel/ Fax: +44 (0)151 342 1565 support@tayhope.com

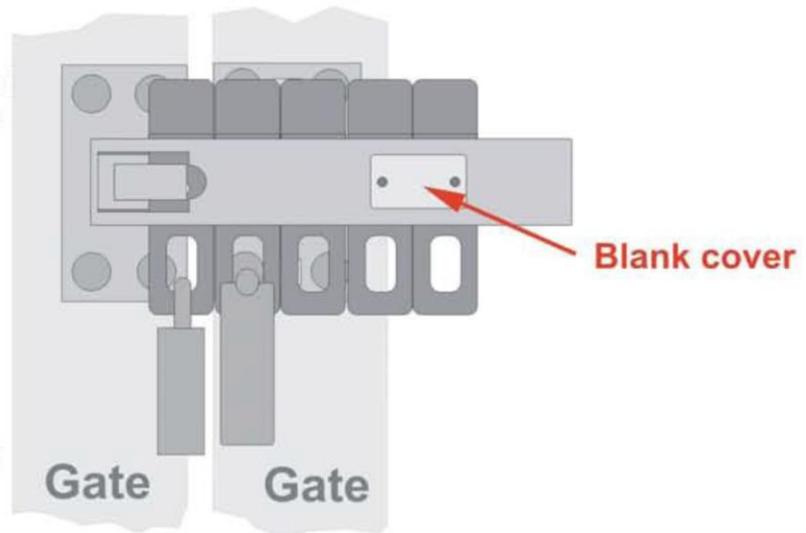
Please retain this document for future reference

How the new blank removal system works

Unused padlock positions are blanked out during installation by the insertion of a stainless steel blanking bolt into the pre-tapped hole in the padlock pin

The lock to the right has three padlock pins blanked.

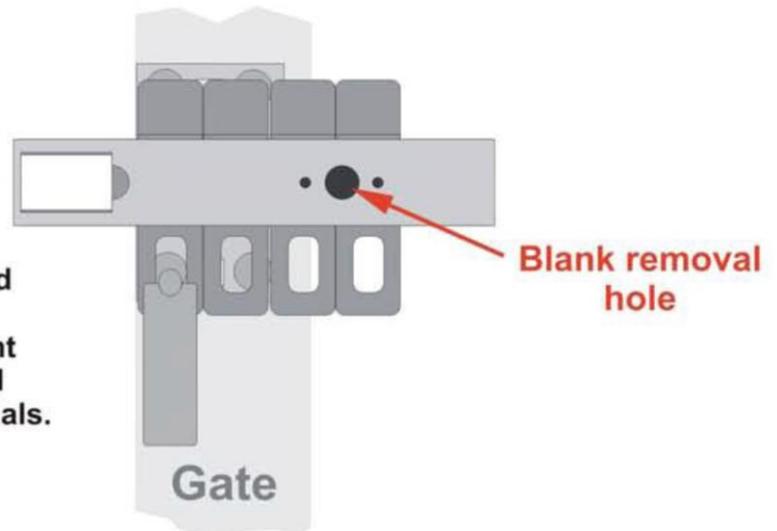
To remove the blank at a later date and add a new user the following procedure is adopted:



Firstly, the blank cover is removed.

By default this requires the removal of the stainless screws holding the cover in place

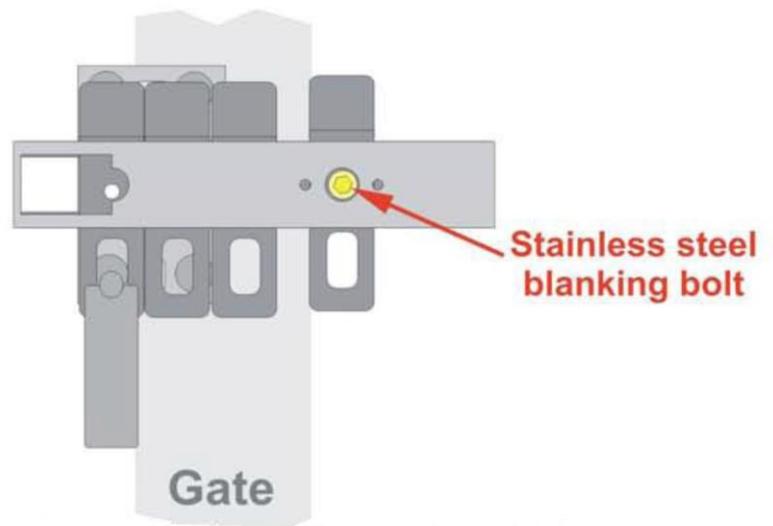
To continue any further, an authorised user must first have removed their padlock and pin. This last requirement is essential and excludes the removal of the blank by unauthorised individuals.



With a users padlock and pin removed the blanked padlock pins are free to slide laterally.

This allows one of the blanked pins to be aligned with the blank removal hole. The padlock pin blank can now be extracted using the supplied Allen-Key.

The cover should now be replaced using a pop-riveter.



Multi-Locks are supplied solely by: Tayhope Enterprises Ltd,
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