

TAYHOPE

INSTALLATION INSTRUCTIONS FOR CHAIN-CATCH MULTI-LATCH

SUPPLIED AS STANDARD WITH CHAIN-CATCH LOCKS:

- 1 Multi-Latch body with padlock pins.
- 1 Multi-Latch catch affixed to a length of stainless chain.
- 1 Blanking Kit & Fitting Template.

ADDITIONAL EQUIPMENT REQUIRED FOR INSTALLATION (NOT SUPPLIED):

- 4 M10 Galvanised Dome-Head Cup Square bolts (carriage or coach bolts) with nuts and washers.
Additional fixings will be needed for a secure fitting of the chain (see below)
- 10.5 mm HSS Drill bit and drill, centre punch, hammer and a suitable spanner, adhesive tape
- Shear nuts or welder for security applications (both optional).

Please read carefully, there are many different fitting orientations possible for this product, please carefully consider the suitability of each before installing the Multi-Latch.

FITTING:

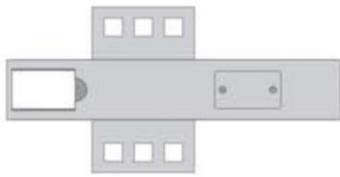
1. Close the gate/ barrier and engage drop-bolts / slide / catch etc, if available.
2. A position should be chosen for the lock that will allow trouble free operation of the catch and padlocks. Such locations could include the front, side or top of gates or posts.
If the installer is unfamiliar with this product or variant, the following fitting and operation steps must be read before drilling holes. Follow from stage 6 as a mock-up, so that the operation requirements can be ascertained before continuing further.
3. Using one half of the supplied fitting template, approximately square the fitting template in a protrusion clear area as detailed above. Affix the template firmly in place with adhesive tape.
4. Centre punch the marked crosses on the template. Drill out the centre punched marks.
5. Place the 4 bolts, (as detailed under additional equipment), through the square holes in the lock backing plate. Push this whole assembly into the pre-drilled holes in the gate/ post. Finger tighten the nuts onto the four protruding bolts (the use of shear nuts is highly advised).
6. Place the catch through though the rectangular hole in the front of the lock body, drop all the padlock pins into the longitudinal slot in the lock body. The catch should now be firmly secured in the lock body.
7. With the gate (etc) closed, a position should now be chosen to secure the free end of the chain to, such a position may be on the opposing gate member or on the same frame member as the main lock body depending on the installers preference. A >10mm U-bolt is the optimum secure method for retaining the loose chain end. Allowing for a reasonable amount of slack, count the excess links and cut the chain to length with large bolt croppers or a hand held grinder fitted with a cutting disk. Secure the loose end of the chain.
8. Proceed to tighten all nuts. Nuts MUST now be made secure. Tayhope advises that all nuts are permanently secured with tack-welding of the nut to the bolt thread. This should be followed by treatment of the exposed weld with a propriety galvanising repair preparation as required under BS:1722 and detailed in BS: 729. Alternatively, tamper-proof fixings such as Shear-nuts should be used.

COMMISSIONING:

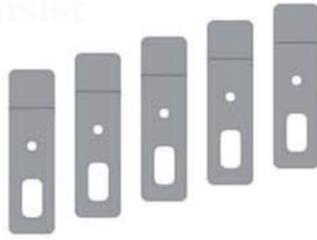
Drop all padlock pins from the top into the slot in the main body. All padlock pins should be easily removable. In the event that not all the pins are to be utilised with padlocks, then the "Pin Blanking" procedure detailed on the attached sheet should be adopted.

The Basic Components

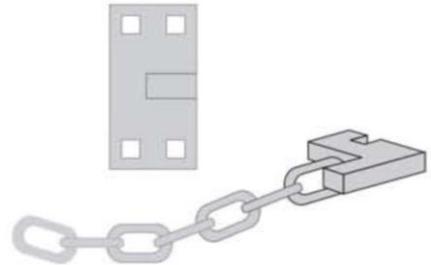
A Multi-Latch consists of



1 lock body
(bolted to gate/ post)



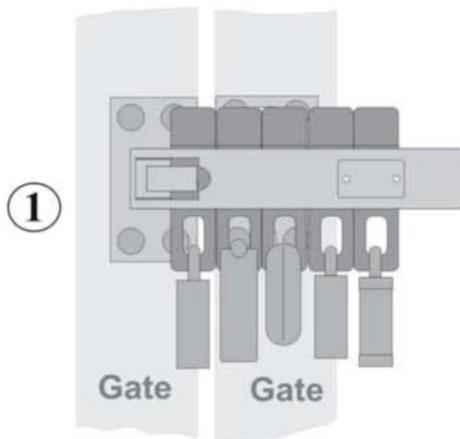
Padlock holders



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

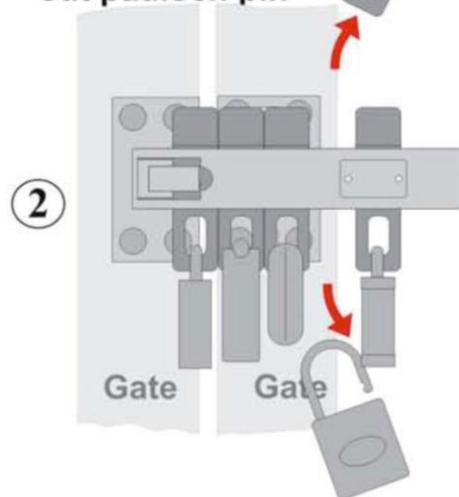
How it works:

Multi-Latch installed normally
with padlocks fitted



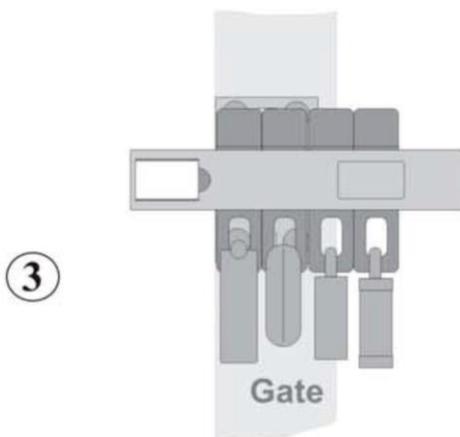
①

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



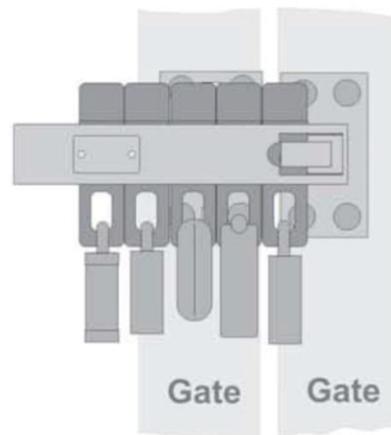
②

Gate now unlocked



③

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



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Please leave this document with site owner

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 large square 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 the provided allen key and these instructions to the site owner/maintainer.

TO UTILISE A PREVIOUSLY BLANKED PIN PLEASE SEE BELOW:

Remove a padlock and pin, place in retaining slot for safe-keeping. Unscrew the pin blank cover retaining screws and blank cover to reveal the blank extraction hole. Slide a blanked padlock pin into position behind the newly revealed blank extraction hole and using the provided allen key, unscrew the blank from the padlock pin and lift it out through the blank extraction hole. 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-Latch can be used in conjunction with the site owners padlock pin on the existing Multi-Latch. This product allows two padlocks to be utilised in one padlock position.

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

Tayhope Enterprises Ltd

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Americas: northamerica@tayhope.com

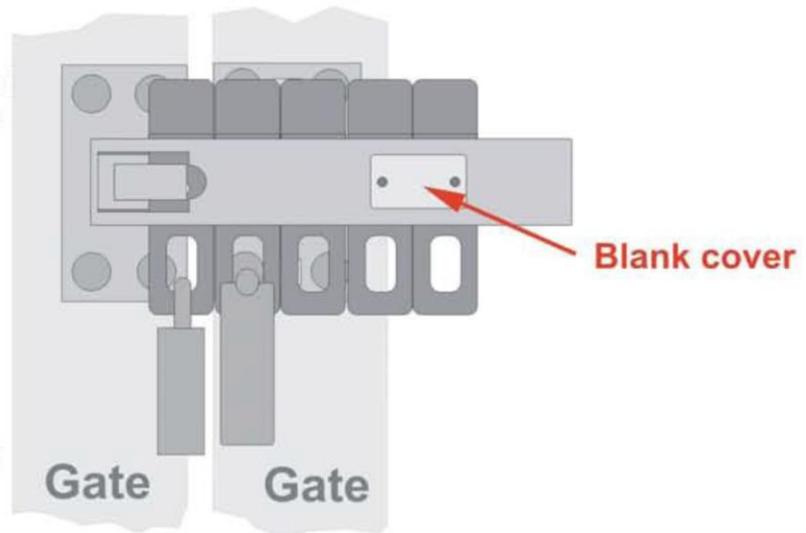
Please retain this document for future reference.

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.

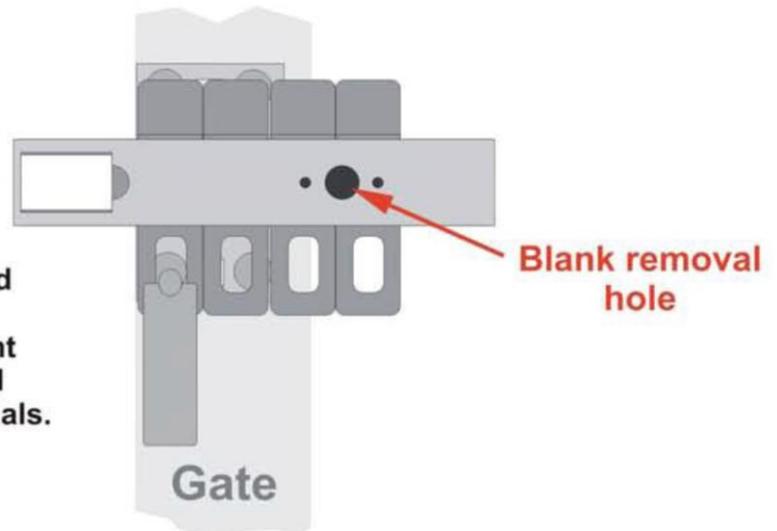
To remove the blank at a later date and add a new user the following procedure is adopted:



Firstly, the blank cover is removed.

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

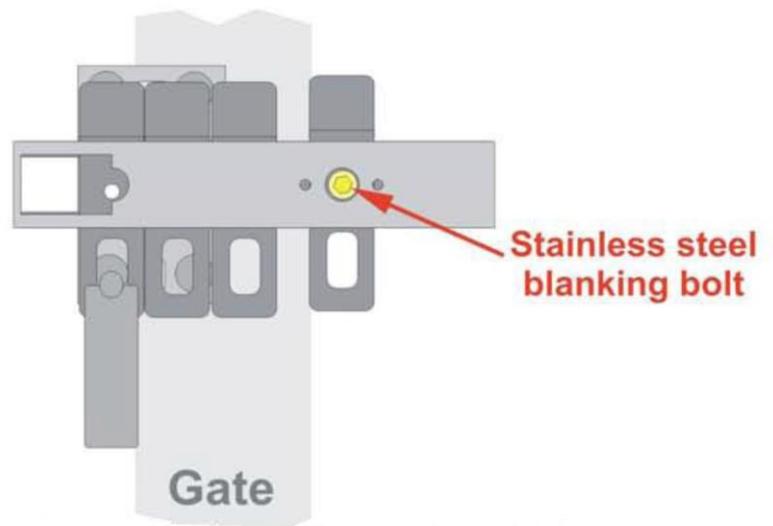
To continue any further, an authorised user must first have removed their padlock and pin. This last requirement is essential and excludes the removal of the blank by unauthorised individuals.



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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