CARBENE

The Next Generation in Locking



180° CLOCKWISE TURN

180° ANTI-CLOCKWISE TURN

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T HANDLE LOCK KEY RETAIN INSTRUCTIONS

KEY RETAIN FUNCTION

To enable the Key Retain function, the T handle needs to be dismantled and the key retain cam & blockers need to be installed into the T handle. The key retain cam & blockers are provided in a spare parts pack (Fig 1).



1.REMOVAL OF CYLINDER HOLDER

Ensure that the T Handle is in the unlocked state. Insert the 2.5 Hex Key into the hole at the front of the holder and locate into the head of the hex screw. Rotate the hex key anti-clockwise until removal of the holder and cylinder is possible (Fig 2).



2.SPINDLE & STOPPER REMOVAL

The spindle, nvlon washer, stopper and socket head cap need to be screws Once the removed spindle has heer removed, the cam pin is accessible. Be aware when handling the dismantled T handle as the T handle and escutcheon can now be separated (Fig 3).



NYLON

SPINDLE



The stopper plate and 2 x M3 screws need to be removed. Once the stopper plate has been removed, you now have access to the slots where the key retain blockers will be installed. The brass locking member will also be visible (Fig 4).

4.INSTALLING THE KEY RETAIN CAM

Locate the cam pin and then using a flat blade screw driver, unscrew the cam pin & remove the standard cam. Be aware when handling the dismantled T handle, as the T handle and escutcheon can now be



NOTE

Be aware not to tighten the cam pin too much and check to see if the key retain cam can rotate freely (Fig 5).



Position the T handle in the open position and then utilizing a flat blade screw driver, rotate the cam inside the handle until the two marks illustrated below are aligned (Fig 6). Applying a little bit of downward pressure to the T handle when rotating the key retain cam, should ensure that the locking member is in place. When the key retain cam has been rotated to the correct position, the T handle and escutcheon should be held together.





6.INSERTING THE BLOCKERS

Carefully position the T handle & escutcheon upside down, so you have a view of the brass locking member and of the three empty slots. The T handle should be in the locked position and should not be able to rotate. Insert the three blockers into the empty slots. Note that one of the slots is occupied by the locking member (Fig 7). Once the

blockers have been inserted, re-install the stopper plate, M3 screws, spindle, nvlon washer, stopper and the socket head can screws. Once these components have been installed, the T handle and escutcheon should be held together. Fig.7

7.PREPARING THE T HANDLE

Place the T handle the right way up and using a flat blade screw driver, rotate the Cam inside the handle until the two marks are aligned (Fig 8). When the cam is in the this position, the T handle is un-locked & the handle can rotate freely.

BRASS LOCKING



8.INSERTING THE ASSEMBLED HOLDER

Ensure that the T Handle is in the unlocked state and slide the holder in. Occasionally, the cam may move slightly during this operation, and the key will need to be inserted into the cylinder and rotated anti-clockwise slightly to

9.TESTING OPERATION

in the locked position.

the top surface of the T handle.

Test the operation of the T handle. The T handle should ONLY be able to be locked when the handle is in the locked position and the key should ONLY be able to be removed when the T handle is



BRASS LOCKING MEMBER NOTE The position of the handle is just for illustrative purposes. On some installs it could be the other way around. NOTE

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LOCKED & UN-LOCKED

On a typical installation, when the handle is in-line with the escutcheon, the handle is locked & when the handle is perpendicular to the escutcheon, the handle is un-locked (Fia 9) *On some installs it could be the other wav around.











5.LOCKING THE T HANDLE

