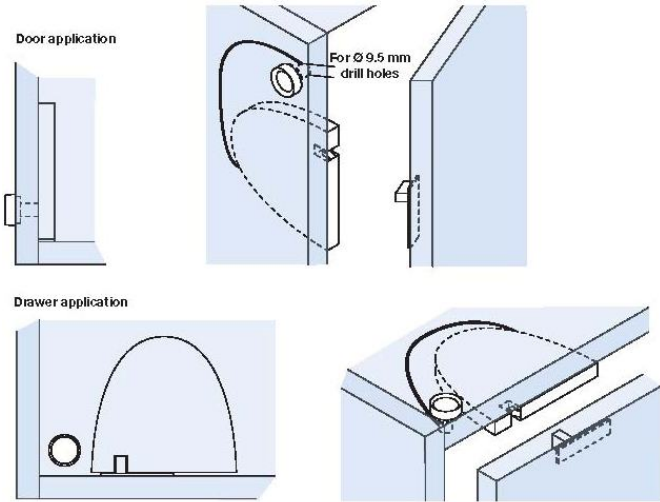
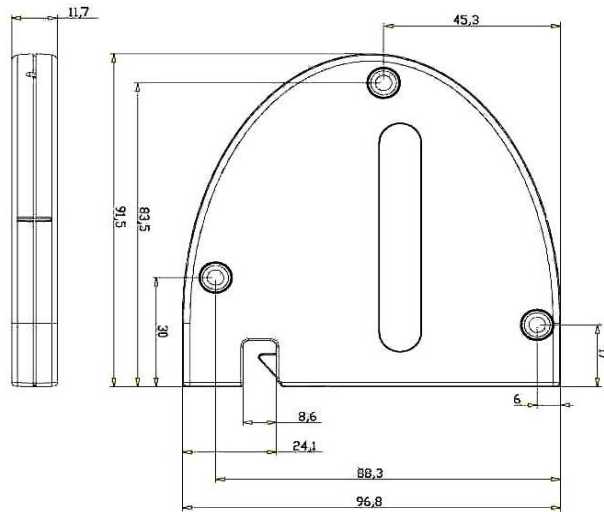




CL2 Installation and Mechanical Override

This guide is for all models within the CL2 range of Cabinet and Drawer locks.



Contents of this Document

- 1 Installing the Lock case
- 2 Installing the iButton reader – CL2i only
- 3 Installing the Pawl
- 4 Emergency Mechanical Override





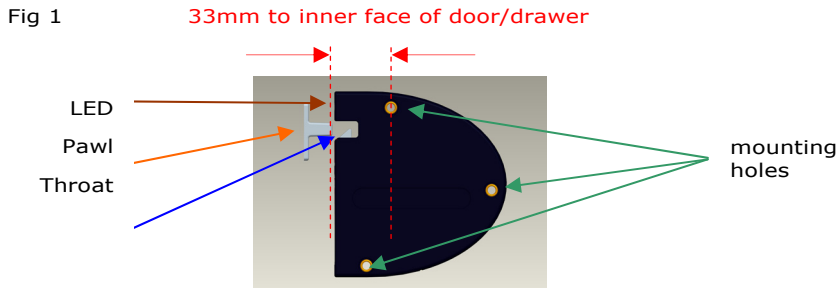
1 Installing the Lock case

The CL2 Cabinet and Drawer lock may be mounted vertically or horizontally on the static part of the furniture. Use appropriate fastenings for the carcass construction. The unit is designed to accept M4 mounting screws or equivalent.

Drill the first hole 33mm from the inner face of the closed door/drawer, which may be different to the edge of the carcass/casing (see fig 1).

Ensure the front face of the lock casing is parallel to the door/drawer so that the pawl can be fully inserted. When this position is achieved, drill the other two mounting holes and fix appropriately.

Use enclosed template as a guide.



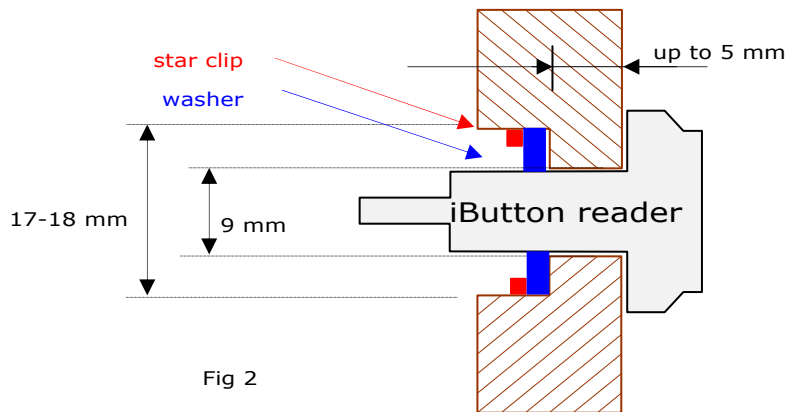
2 Installing the iButton® reader – CL2i only

Identify an appropriate position for the iButton reader:

Metal cabinets Drill a 9mm hole through the cabinet. Feed the reader wire through and fix in position with the supplied washer and star-clip. Connect to the lock.

Wooden cabinets Where the carcass is >5mm thick, first stop-drill a hole 17-18mm diameter to within 5mm of the external surface but **NOT** all the way through. Then drill a centre hole 9mm diameter and insert the reader as above (see fig 2 for more details). Connect to the lock.

With the lock and iButton reader fixed in place, test the system by inserting the pawl into the lock and verify it can be released once the iButton has been presented. With this done, mount the pawl to the door or drawer.



3 Installing the Pawl

Important – the pawl must have some free play after insertion into the lock or the mechanism may not release. When mounted according to these instructions, there should be ±3mm of free play on the door/drawer.

Pawl mounting is specific to each application. Make careful measurements to ensure the pawl is located in the correct place, firstly using the slotted screw hole to allow for minor adjustments.

If required, apply a double sided tape to the back of the pawl as an installation aid. After attaching the tape, remove the protective film and position the pawl on the inner face of the door/drawer and apply pressure for at least 10 seconds to ensure a good bond. Close the door, authenticate the system and open the door/drawer.

Once the correct pawl position is achieved, fix in place with 2 screws, starting with the top mounting slot, then fix the other screw and test operation.





4 Emergency Mechanical Override

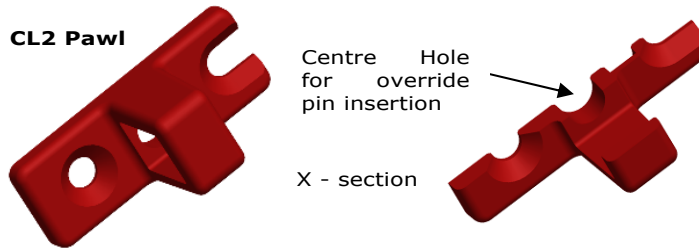
In the event of battery failure, the lock may be mechanically released. A pin of 2-4mm thickness is inserted through the pawl and depresses the spring plunger into the latch and so frees the lock.

The pawl has a central hole which may be exposed by the installer, either through the provision of a removable screw or rivet in the cabinet/drawer face at time of installation or by drilling, depending of the level of security required.

In order to successfully mechanically override a CL2 latch, several assumptions are made:

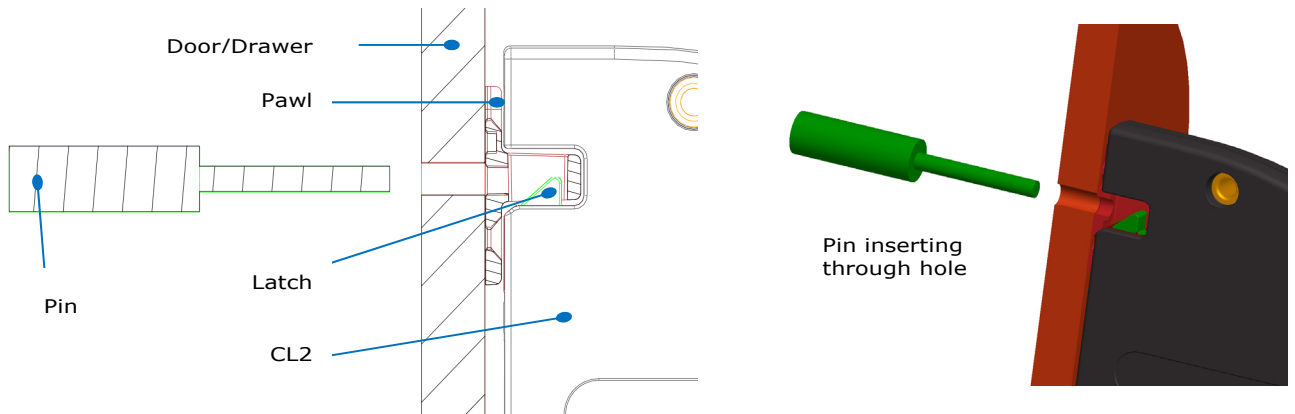
The relative position of the pawl is known (either determinable or recorded at the time of installation) on the front surface of the door/drawer.

The door material is suitable for drilling, or has been pre-drilled at the time of latch installation.



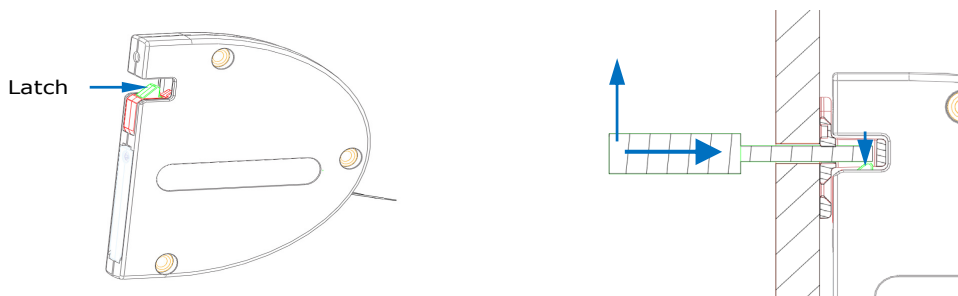
Step 1

The door is prepared with a 5mm hole cut to line up with the Pawl centre hole. Take care not to drill so deep as to drill into the CL2.



Step 2

A rigid pin, of approximately 2-4mm diameter is inserted through the new hole until it cannot progress further. The latch may now be compressed by pivoting the inserted pin.



Step 3

It should now be possible to pull the door open.

