

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience



## Please Note:

This document is provided as a dimensional reference and should not be printed as a drilling template unless it can be correctly scaled to 100% by your printer.

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# NEXION™

Keyless Entry Lockset

- Part No. 5039M 0817
- PassageMode** - free to enter from outside and free to exit from inside
  - SafetyMode** - locked from the outside and free to exit from inside
  - SecureMode** - locked from both the inside and outside

## MECHANICAL OPERATION

- On Entry**
- From the outside, rotate key 90° clockwise, operate the external handle and open door.
  - (Lock goes into **PassageMode**)
  - Rotate key 90° anti-clockwise to remove.
  - (Lock returns to **SafetyMode**)
- On Exit**
- From the inside, with Snib in **PassageMode**, operate the internal handle. (Lock stays in **PassageMode**)
  - From the inside, with Snib in **SafetyMode**, operate the internal handle. (Lock goes into **PassageMode** and stays in **PassageMode**)
  - To lock door on exit, turn Snib to **SafetyMode** and close door.

## To SecureMode (Both handles locked)

- With Snib in **PassageMode** - Both handles operational
- With door open and with Snib in **SafetyMode** - Rotate the internal key 360° clockwise to **SecureMode**, close door. (Rotate the internal key 360° anti-clockwise to remove **SecureMode**)

## TOOLS REQUIRED

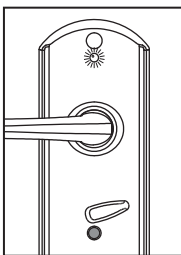
- Ø2.5mm / 3/32" Drill bit
- Ø25mm / 1" Spade bit
- Ø10mm / 3/8" Drill bit
- Ø54mm / 2 1/8" Hole saw
- Electric drill
- Chisel - 25mm or smaller
- Hammer
- Phillips Head screwdriver
- Masking tape
- Pencil
- Ruler / Measuring tape

Please ensure that all necessary safety precautions are undertaken when installing this lockset.

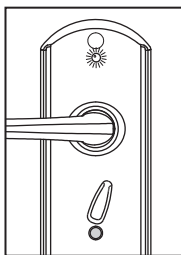
DOOR THICKNESS: 32 TO 45mm

## ELECTRONIC OPERATION

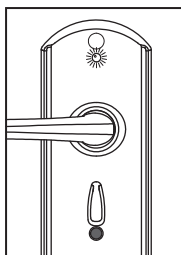
- Depress UNLOCK button on fob. Green light flashes and beep signals, putting lock into **PassageMode** for 6 seconds. Rotate handle and enter (within the 6 sec.). Lock returns to **SafetyMode** automatically with a Yellow flashing light and 2 beeps.
- Depress LOCK button on fob. Red light flashes with 3 beeps putting the lock into **SecureMode**.



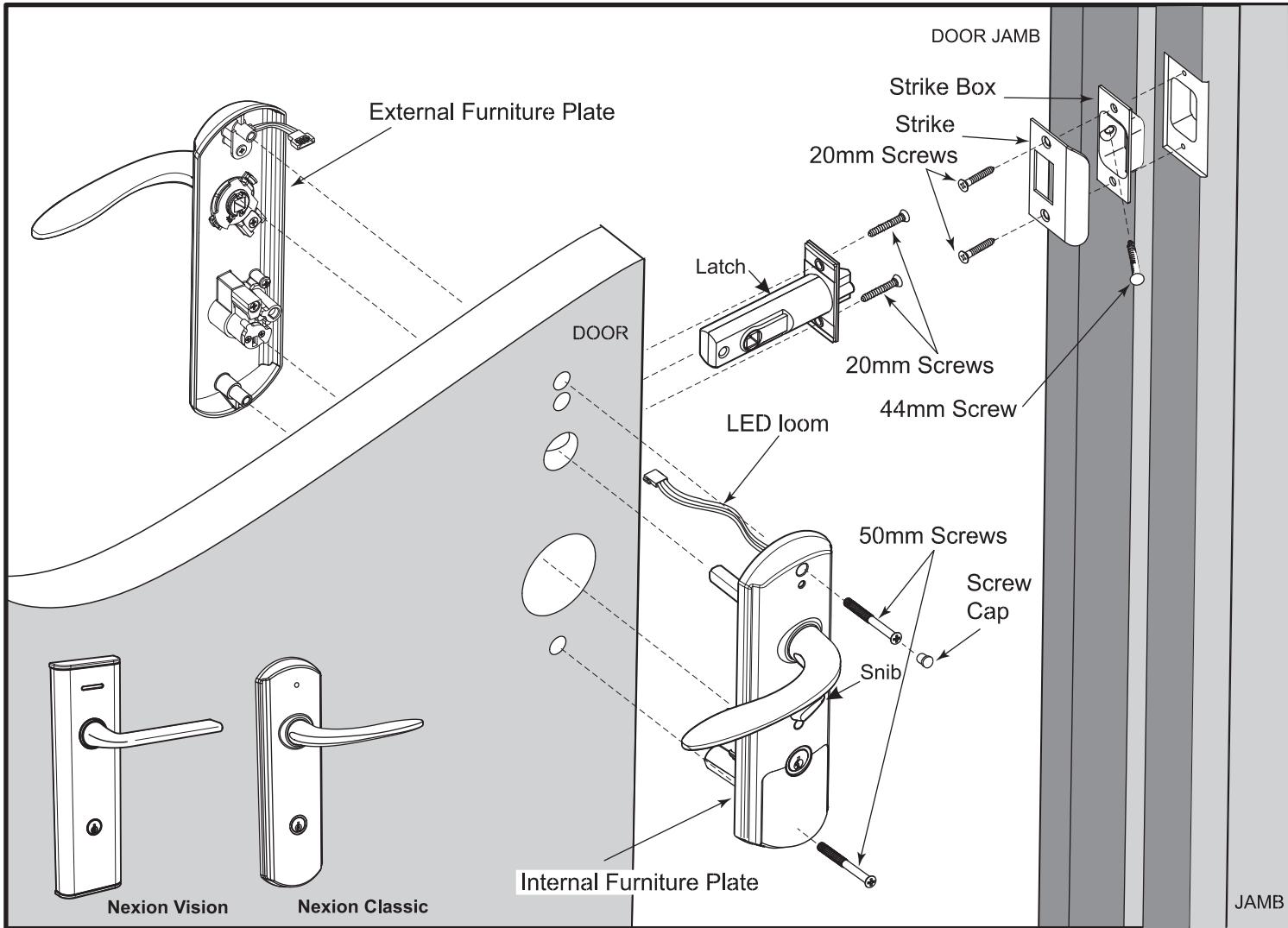
Snib position  
**PassageMode**  
Green indication  
(1 beep)



Snib position  
**SafetyMode**  
Yellow indication  
(2 beeps)



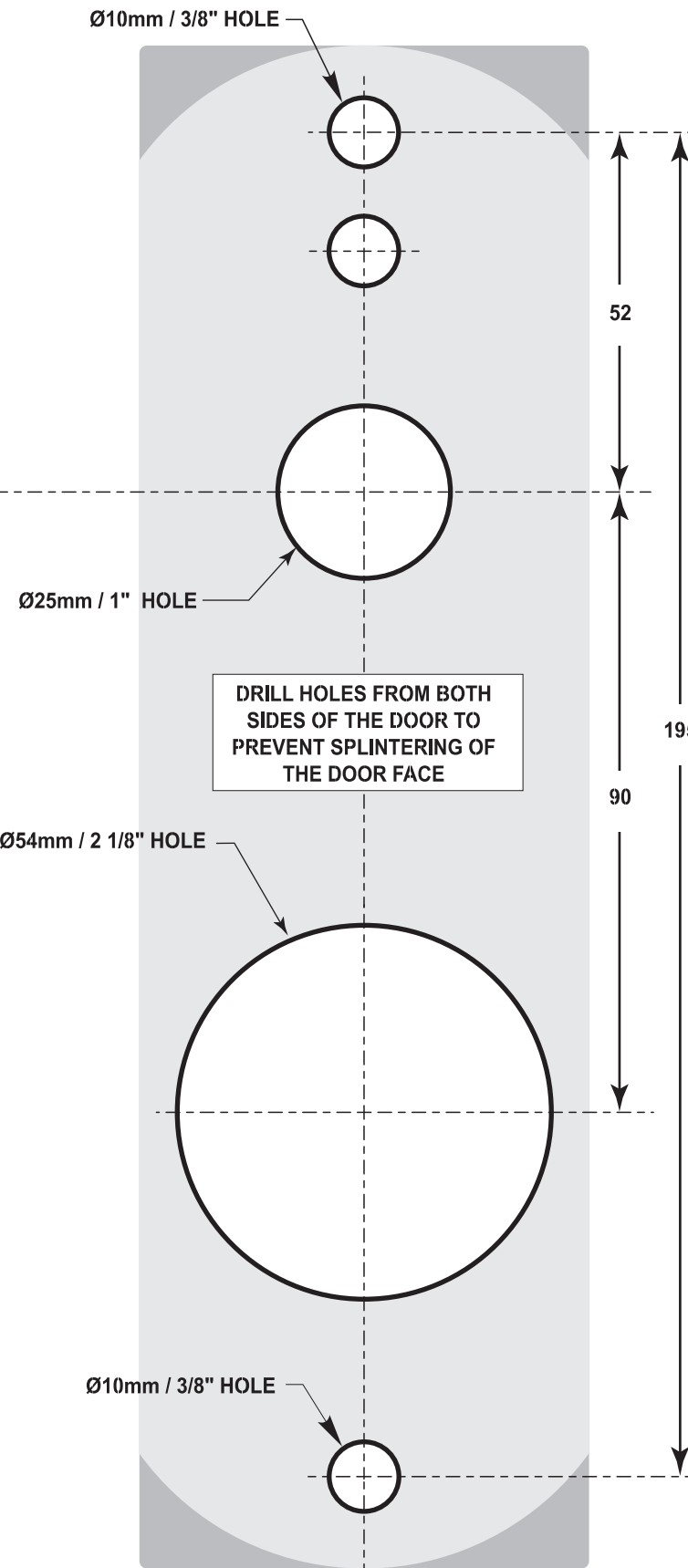
Snib position  
**SecureMode**  
Red indication  
(3 beeps)



Ø25mm / 1" HOLE  
x 90mm DEEP

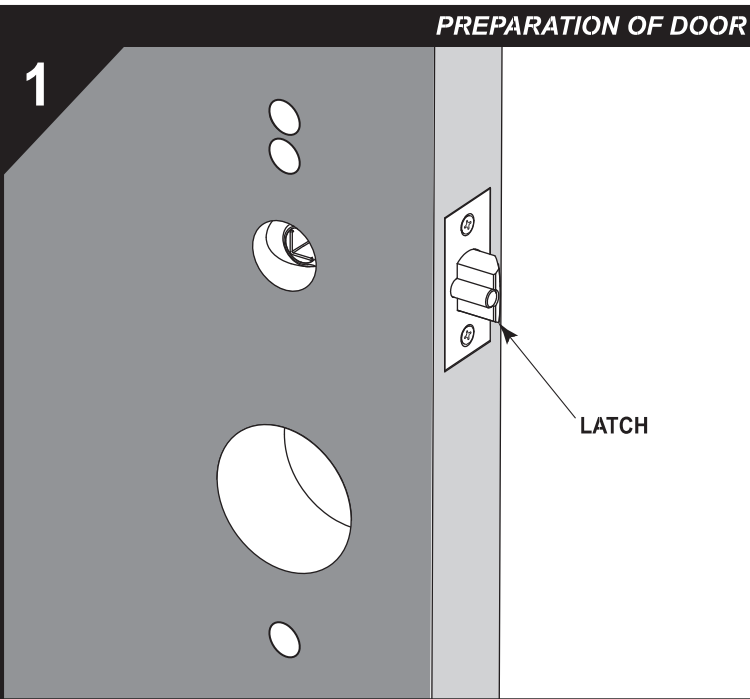
DOOR EDGE

## DOOR PATTERN ILLUSTRATION

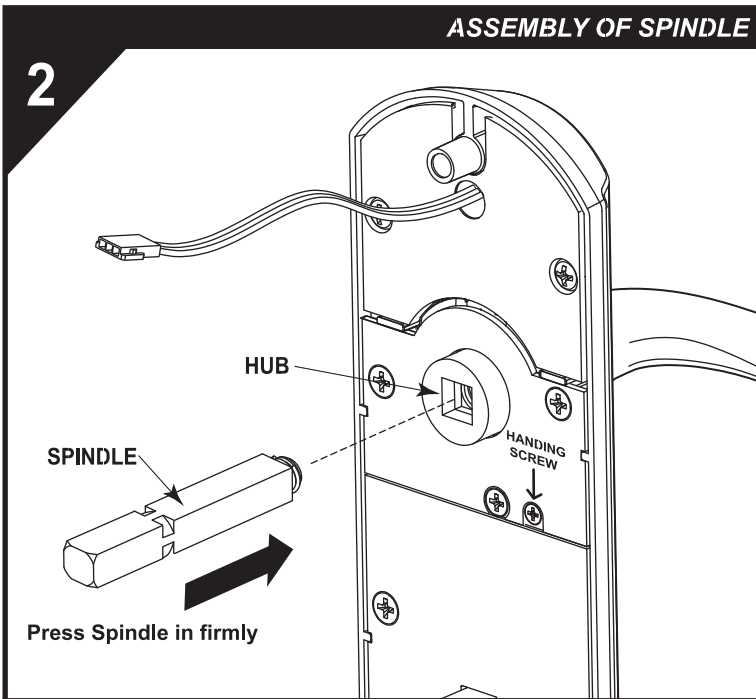


60mm BACKSET

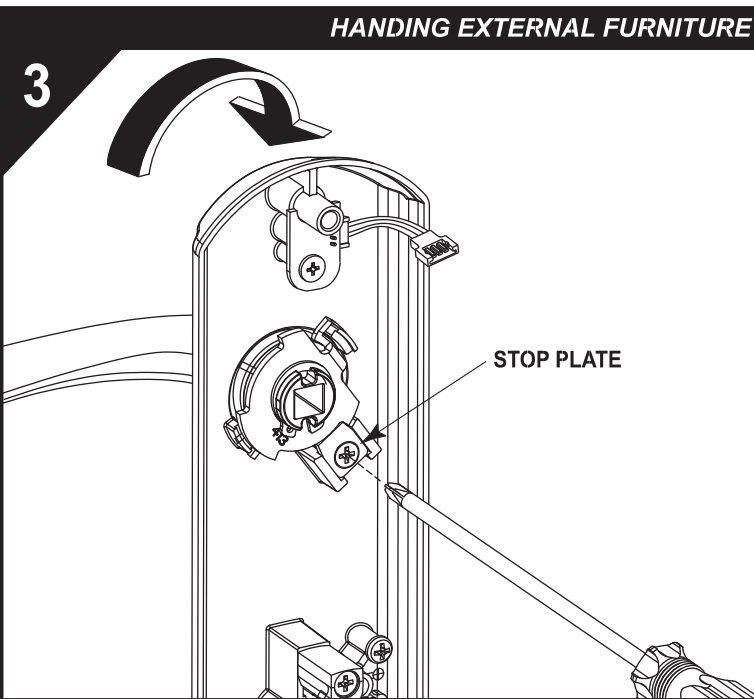
DOOR EDGE



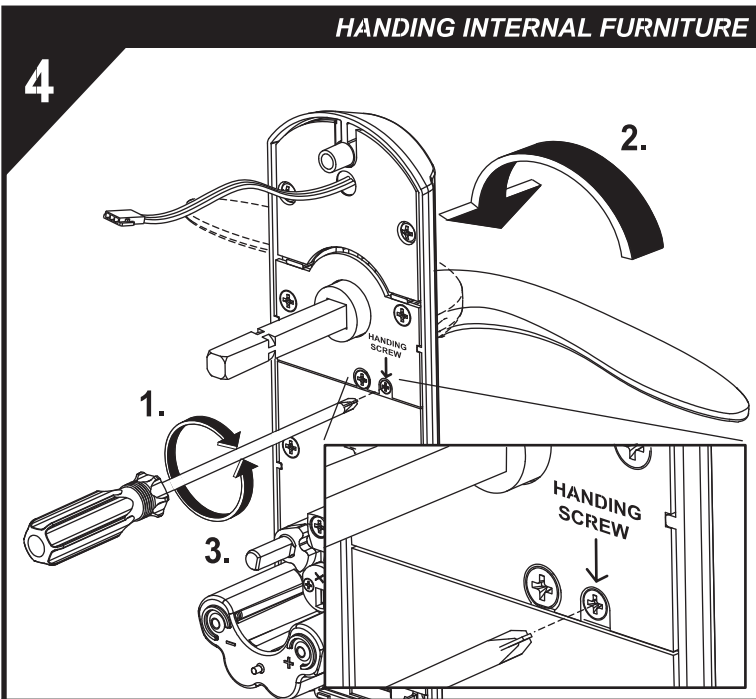
- Using the accompanying metal drill template and Door Preparation instruction, prepare the door and assemble latch as shown above. Check hole pattern against the Hole Pattern Illustration on this page.
- When completed make sure holes are free of any sawdust or loose material.



- Assemble the spindle by inserting into the hub in the internal furniture plate and pressing firmly as shown.
- It is important to ensure the spindle is securely and permanently engaged.



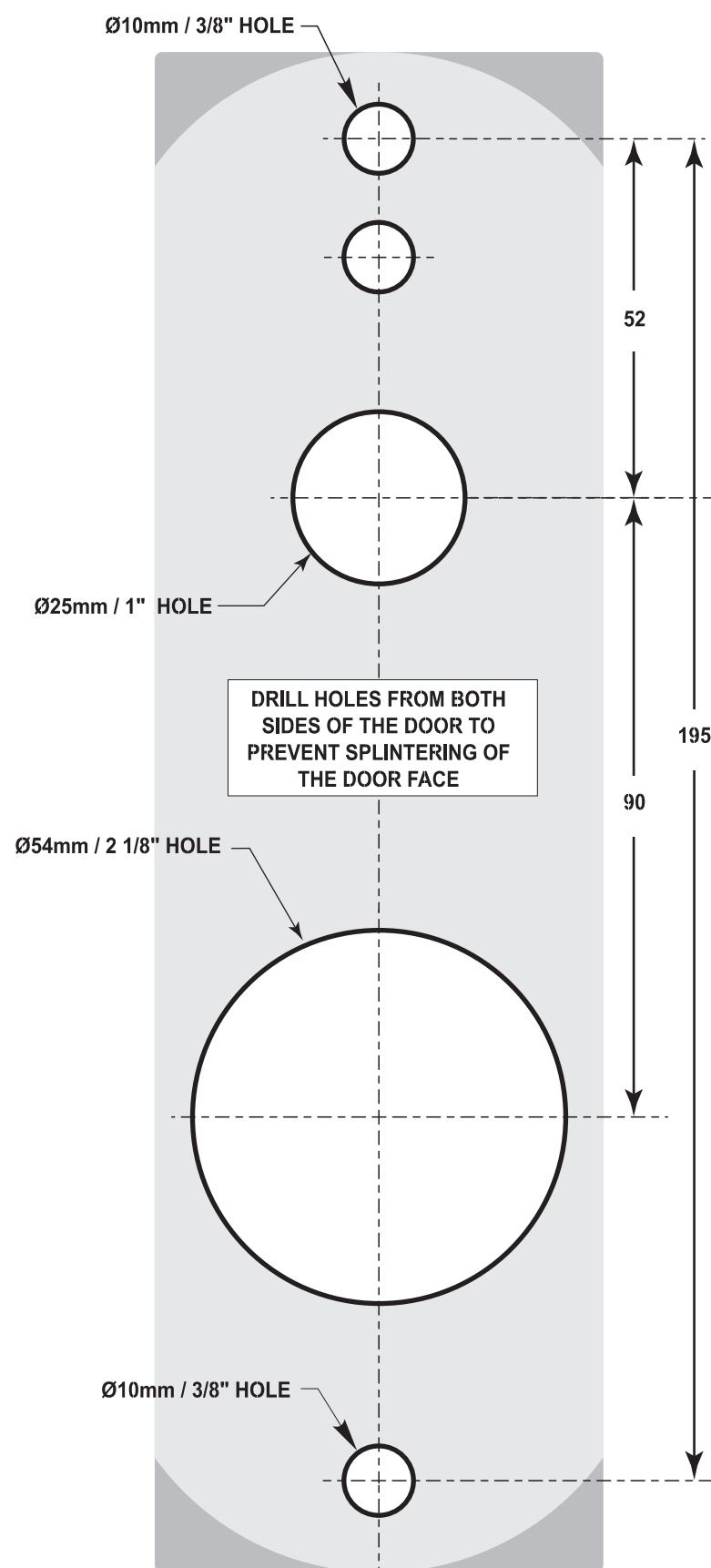
- Check the required handing of the furniture to the door, i.e. left or right hand. The furniture should always operate downwards and spring return up.
- To change the handing of the external furniture plate, firstly remove the stop plate screw and stop plate, rotate furniture over 180° (half turn) to handing required, replace stop plate and screw.
- Prior to assembling to door, check that furniture operates correctly.
- NOTE: Both handles and Knobs need to have the correct handing set.



- To set the handing of the internal furniture:
  - Fully loosen the screw marked 'HANDING SCREW'.
  - Rotate handle or knob over 180° (half turn upwards) to required position.
  - Re-tighten 'HANDING SCREW'.
- Check that furniture operates correctly.

DOOR EDGE →

### DOOR PATTERN ILLUSTRATION



60mm BACKSET

DOOR EDGE →



Ø25mm / 1" HOLE  
x 90mm DEEP

#### 5 FITTING INTERNAL FURNITURE

- To assemble the furniture plates insert key and rotate 90° anti-clockwise, then slide battery access cover down to access bottom mounting screw and battery compartment.
- For the Single Egress version (ie:- version with no internal key), simply slide down the Battery Access Cover, no key rotation is required.

#### 6 FITTING INTERNAL FURNITURE

- Place internal furniture plate into **PassageMode** by turning the snib clockwise to a near horizontal position (the indicator will show green).
- Feed the LED loom through hole 'A', then position spindle through square hole in latch. Locate battery holder in the large hole and position the furniture screw posts in the top and bottom holes.

#### 7 FITTING EXTERNAL FURNITURE

- Assemble the LED plugs together as shown.
- With the key inserted in the external furniture plate, rotate the key clockwise to passage mode as shown.
- Assemble to door and engage with internal furniture plate. The internal and external cylinder drivers should locate correctly. Ensure LED loom is enclosed neatly in the external furniture plate.

#### 8 INSTALLING BATTERIES

- To open battery compartment slide down cover and hinge outward.
- Insert 4 good quality AA alkaline batteries in the lockset. Rechargeable batteries can not used in this product. **IMPORTANT - Ensure the batteries are orientated correctly.**
- Check operation of lockset by rotating key in exterior furniture plate, interior snib should operate.

#### 9 SECURING FURNITURE

- Screw furniture plates together using 2 x 50mm screws.
- **IMPORTANT - Ensure no wires are protruding outside the furniture plate.**
- Assemble screw cap as shown.

#### 10 FUNCTION CHECK

- The two provided "Q-KEY"s are programmed to your lock. To program additional "Q-KEY"s refer to the Owner's manual. Check all Electronic and mechanical operation of lock assembly. Check snib operation and key operation.
- With the key in a horizontal position replace Battery access cover.

#### 11 FITTING STRIKE

- **Important: When establishing the position of the strike, ensure that the Auxiliary Bolt is depressed when the door is closed.**

#### 12 FITTING STRIKE

- Partially close door and mark position of latch bolt, mark and mortice door jamb to suit Strike Box and Strike. Drill Ø2.5 pilot holes for Strike Box and Strike screws. The recommended door gap between the door and doorframe is 3mm.
- Insert Strike Box and secure with 44mm screw.
- Place Strike in position and secure with 2 x 20mm screws.
- Check final operation of lock, latch and strike.