

MOUNTING INSTRUCTIONS FOR LOCKWOOD 3570 SERIES ELECTRIC MORTICE LOCKS

3570-5321
30621 0702

HAND OF DOOR ACCORDING TO ENGLISH PRACTICE			
RIGHT - HAND DOOR		LEFT - HAND DOOR	
OUTSIDE DOOR OPENING IN	OUTSIDE DOOR OPENING OUT	OUTSIDE DOOR OPENING IN	OUTSIDE DOOR OPENING OUT

This is a precision lock made to fine tolerances. Correct and accurate installation is mandatory to give many years of trouble free operation.

All Lockwood 3570 Series Electric Mortice Locks are mounted in accordance with these instructions. Locks may or may not have cylinders or lever handles. Disregard instructions referring to the features not required. Important : Before drilling door, ensure correct hand is being installed.

NOTE: CASE DOES NOT need to be Opened, to change HAND or FUNCTION of LOCK.

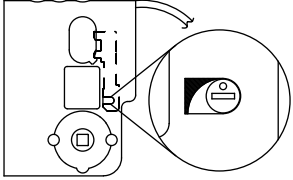
HAND OF LOCK

BOLT

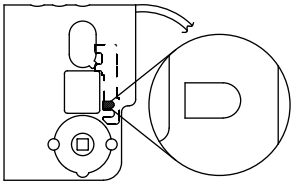
1. Determine hand of lock required from hand of door chart.
2. Rotate bolt head to suit latching direction.

LOCK STATUS

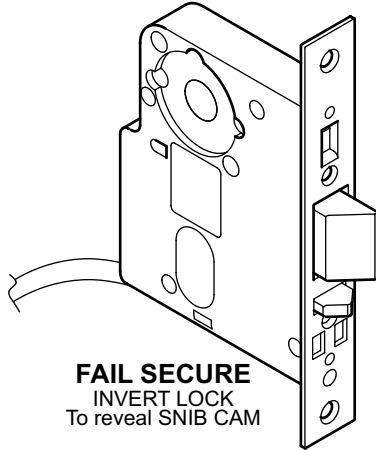
1. Ensure Snib Cam is exposed.
2. FAIL SAFE locks (Snib Cam is exposed).
For FAIL SECURE locks invert the lock so the Snib Cam screw is exposed.



FAIL SAFE



FAIL SECURE



FAIL SECURE
INVERT LOCK
To reveal SNIB CAM

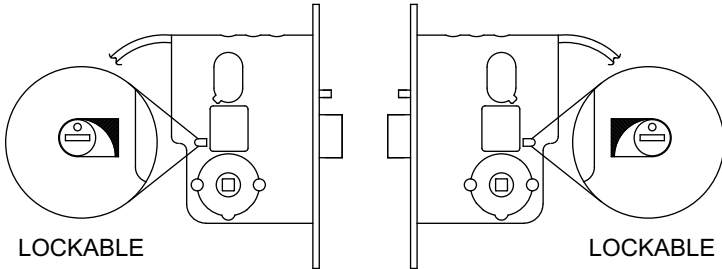
SNIB CAM

1. Rotation of the Snib Cam hands the lock. Use a small flat screwdriver to rotate cam if required.

Combination Locks

(Both handles can be rotated) DOT to be in the UP position when case is upright.

COMBINATION (FAIL SAFE)

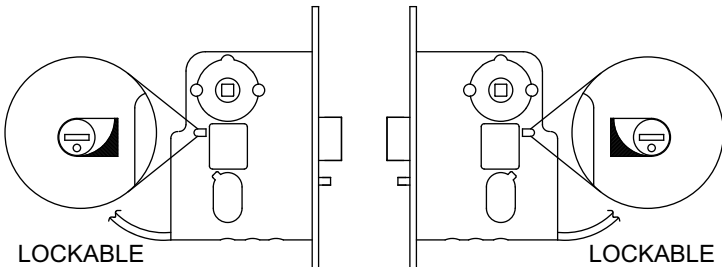


LOCKABLE

LOCKABLE

COMBINATION (FAIL SECURE)

Lock Inverted



LOCKABLE

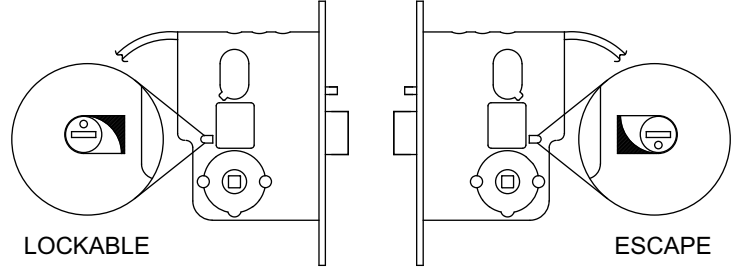
LOCKABLE

Vestibule Locks

With single action Escape feature.

: DOT to be UP on Lockable side and DOWN on the Escape side when case is upright.

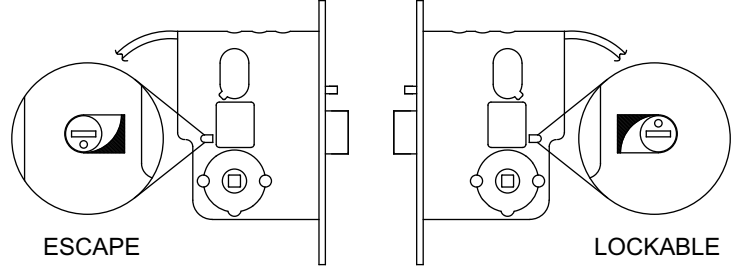
VESTIBULE R/HAND DOOR (FAIL SAFE)



LOCKABLE

ESCAPE

VESTIBULE L/HAND DOOR (FAIL SAFE)

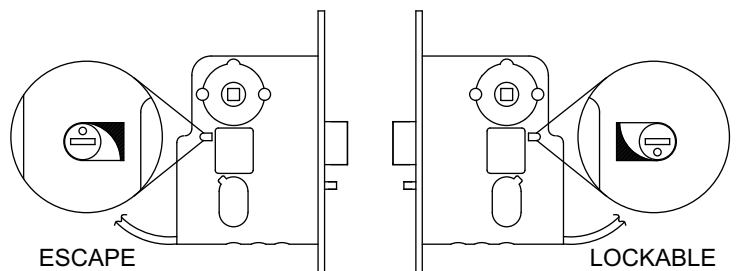


ESCAPE

LOCKABLE

VESTIBULE R/HAND DOOR (FAIL SECURE)

Lock Inverted

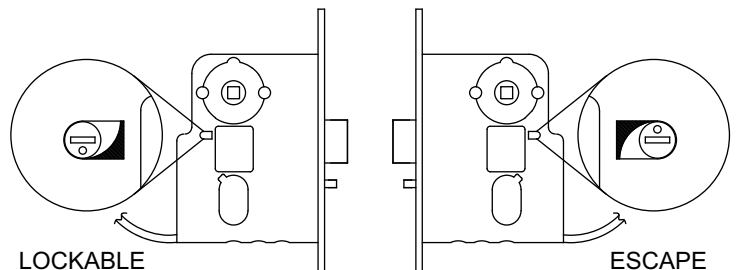


ESCAPE

LOCKABLE

VESTIBULE L/HAND DOOR (FAIL SECURE)

Lock Inverted

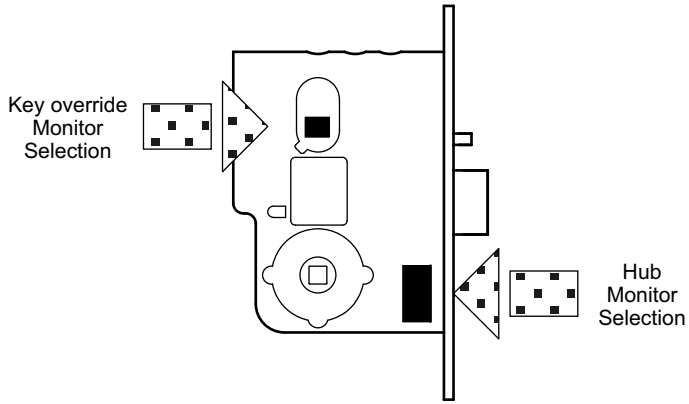


LOCKABLE

ESCAPE

P.T.O.

MONITOR SELECTION



HUB MONITOR SELECTION

1. Set the 4 WAY DIL SWITCH to desired setting, refer table.

DOOR	CIRCUIT	SWITCH No			
		1	2	3	4
R / HAND	N / C	ON	OFF	ON	OFF
	N / O	ON	OFF	OFF	ON
L / HAND	N / O	OFF	ON	OFF	ON
	N / C	OFF	ON	ON	OFF

KEY OVERRIDE MONITOR SELECTION

1. Set the 2 WAY DIL SWITCH to desired setting, refer to table.

CIRCUIT	SWITCH No	
	1	2
N / O	ON	OFF
N / C	OFF	ON

PREPARE DOOR FOR LOCK

1. Establish height that lockset will be on door and mark centreline of door thickness on door edge.
2. Place template on door and align centreline on template with centreline on door. Mark and drill mortice to desired BACKSET depth.
NOTE : Depth also caters for additional cable (making assembly easier).
3. Ease out mortice cavity where necessary. Clean out mortice before inserting lock.
WARNING : Allow EXTRA cable length behind lock for ease of maintenance. For furniture plates with L.E.D. refer FURNITURE WITH L.E.D. installation
4. Insert lock in mortice and scribe around front plate for size of recess. Remove lock from mortice and chisel recess 4mm deep to receive front and cover plate. Cover plate must be flush with edge of door.
5. **ENSURE** lock is removed from MORTICE cavity. Fold template to desired backset depth. Align **EDGE A** with bottom of cover plate recess. Establish holes required to suit lock function, mark hole centres accurately, drill and clean holes.
NB : FOR FURNITURE check template / instructions supplied.

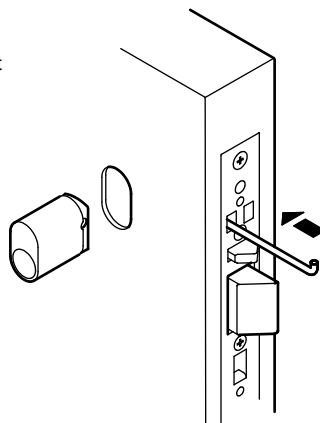
IMPORTANT

MARK BOTH SIDES OF DOOR.

DO NOT DRILL RIGHT THROUGH DOOR FROM ONE SIDE
To prevent damage to door face from drill "Breakthrough"

LOCKS WITH CYLINDER

1. Using a small flat screwdriver, lever out Cylinder Hole Plug where fitted. Connect power plug from lock to power supply socket and place lock in mortice and insert cylinder.
2. Secure cylinder with retainer pin, ensuring pin is flush with front plate.
3. Secure lock to door with 2 woodscrews supplied. Install cover plate and secure with 2 M4 screws to lock body.



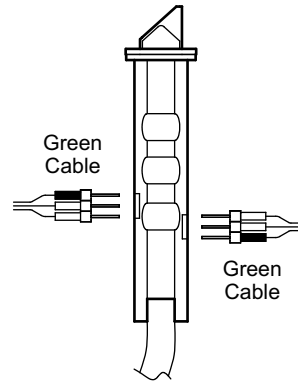
LOCKS WITHOUT CYLINDERS

1. Connect power plug from lock to power supply socket and place lock in mortice.
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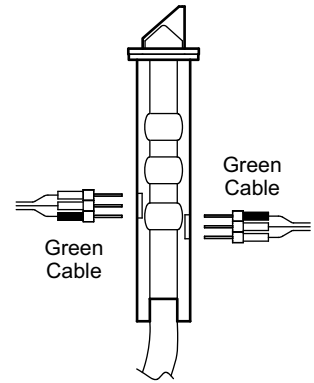
FURNITURE WITH L.E.D. (OPTIONAL)

1. Before assembling furniture to door, connect LED cable to 3 pin socket located at TOP of lock body.

FAIL SAFE LOCK

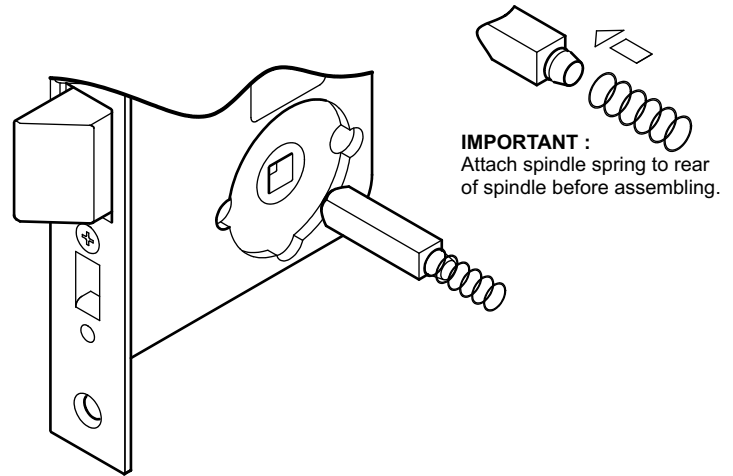


FAIL SECURE LOCK



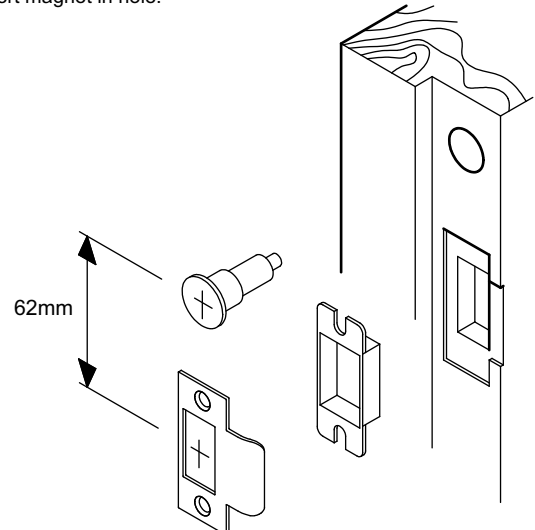
LOCKS WITH SPINDLE

1. All locks are supplied with 2 spindles.
2. Insert spindle(s) into lock, if required.
3. Assemble furniture as required.



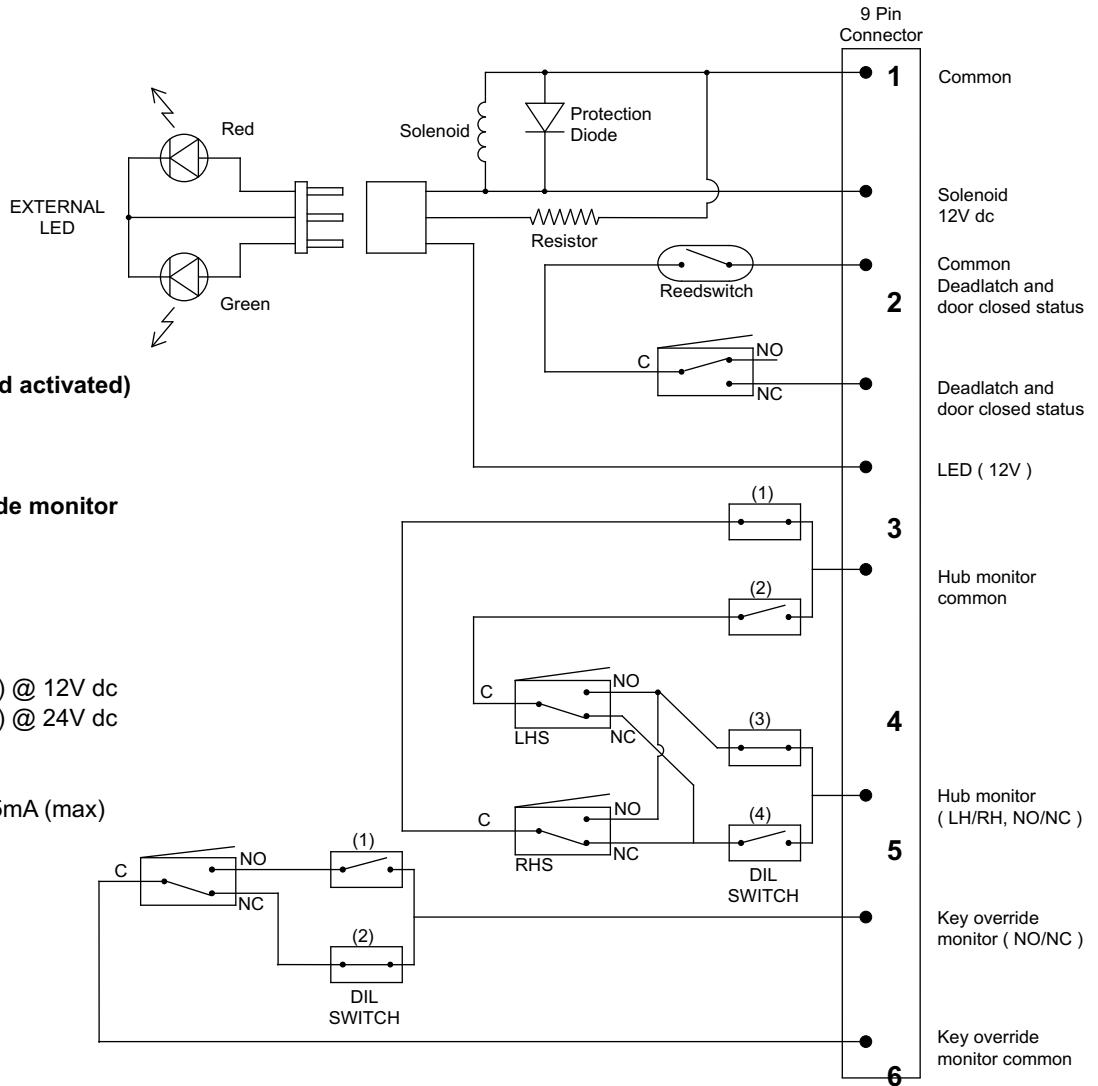
MOUNTING STRIKE AND MAGNET

1. Mark out door frame for strike.
2. Mortice door frame for strike box and strike.
NB : Strike to be flush with face of frame. Bolt recess to be 15mm Deep in door frame.
3. Screw strike and strike box to door frame with 2 screws supplied.
4. Drill 19mm DIA hole x 40 Deep, 62mm above strike centreline. Insert magnet in hole.



ELECTRICAL SPECIFICATIONS

Note : Diagram depicts 12V RH opened door, with handle & key in rest state.



Hub snib activation (Solenoid activated)

12V dc \pm 10 % 250mA (max)
24V dc \pm 10 % 125mA (max)

Hub / Deadlatch / Key override monitor

Minature lever microswitch
max ratings 500mA @ 30V dc

Door status monitor

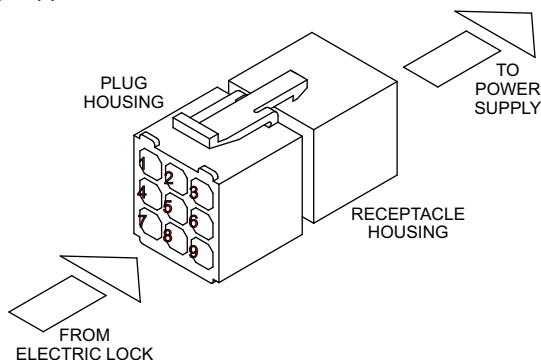
Minature magnetic reedswitch
max ratings 3W, 250mA (max) @ 12V dc
125mA (max) @ 24V dc

LED current

Where LED's are fitted, add 15mA (max)
to total operating current.

PLUG ARRANGEMENTS

9 pin plug supplied with 1.2 m of cable



Pin	Colour	Function
1	Black	Common (0V dc)
2	Red	Solenoid (12V dc , 24V dc)
3	Grey	Deadlatch and door closed status (common)
4	Yellow	Deadlatch and door closed status
5	Green	LED green (12V dc)
6	Brown	Hub monitor (common)
7	Blue	Hub monitor (RH / LH , NO / NC)
8	Orange	Key override monitor (NO / NC)
9	Violet	Key override monitor (common)

GUARANTEE

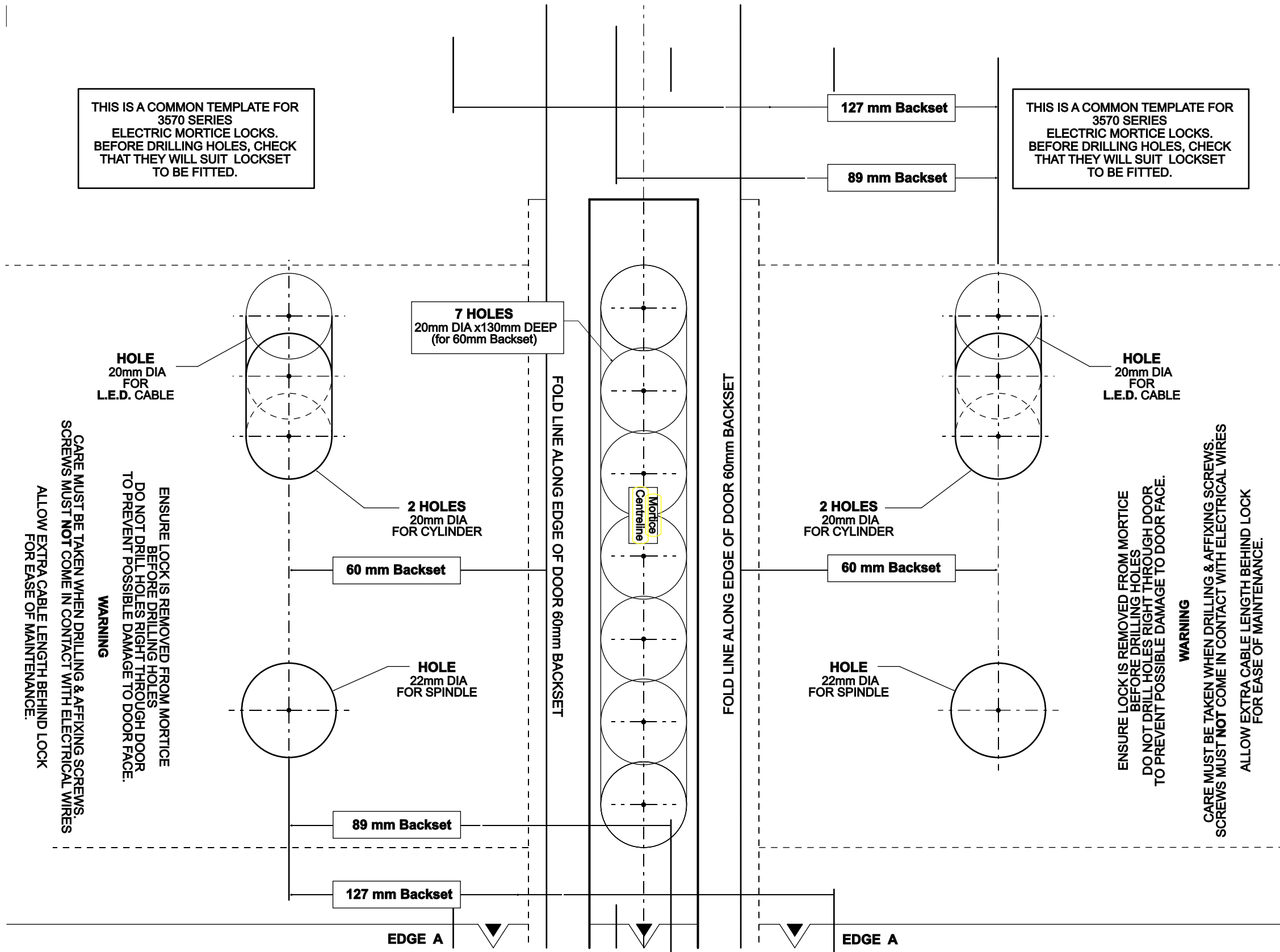
Lockwood Security Products Pty Ltd. guarantees its products against defects in workmanship and materials. If within the normal working life of a product it is found to be defective, Lockwood Security Products Pty Ltd will supply the same or an equivalent product free of charge. **7**

All electrical components used in our products are guaranteed for a period of five years from the date of manufacture.

Lockwood Security Products Pty Ltd. however, assumes no liability under this guarantee for the following :

1. Improper installation or failure to follow fitting instructions.
2. Failure due to improper maintenance or fair wear and tear.
3. Indirect or consequential loss or damage.
4. Cost of removal and/or replacement .
5. Cost of freight and/or replacement.
6. The plated finishes Florentine Bronze, Architectural Bronze, Polished Brass and Satin Brass are classified as soft finishes. As deterioration is possible under some climatic conditions, these finishes are excluded from this guarantee.
7. Any modification to a product as supplied, or repairs, unless authorised by Lockwood.
8. Use of replacement part other than authorised parts.
9. Malfunction or failure of the product due to the use of non-genuine Lockwood parts.

Nothing in the Lockwood Security Products Guarantee excludes, restricts or modifies any condition, warranty, right or liability implied or protected by law where to do so would render the Guarantee, or any part of it, void. **8**



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Installation guide only.