



DX Mechanical Digital Door Locks Service Manual



ASSA ABLOY

ASSA ABLOY, the global leader
in door opening solutions

Introduction



Service Manual:

This manual contains a complete listing of parts and assemblies for the DX Series Mechanical Digital Locks supplied by ASSA ABLOY Australia. Exploded views are included along with parts list for ordering of replacement components.

ASSA ABLOY Australia reserves the right to make changes in design or specifications, or to make additions or improvements to their product without incurring any obligation to incorporate these amendments in product previously manufactured.

ASSA ABLOY Australia are not responsible for additions or alterations made to their product by others.

Maintenance:

Cleaning: Care should be taken during construction/ refurbishment to ensure that paint, thinners, mortar or cement splashes are carefully removed from locks, furniture and hardware. Removal of these splashes with strong cleaning agents or scourers should be avoided.

Dirt and grime should be regularly removed with a soft damp cloth. A solution of mild soap and water may be required. During cleaning, care should be taken to prevent cleaning solution from entering the cylinder keyway. Surfaces should be dried.

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Setting a New Code

If necessary the factory set five digit code can be easily changed to a new four, five or six digit code of your choice.

STEP 1: SELECT YOUR NEW CODE:

Use any combination of numbers or letters (0 to 9 XYZ) as a four, five or six digit code. EACH DIGIT CAN ONLY BE USED ONCE IN A CODE.

NOTE: BUTTON 'C' is used for clearing the code selector mechanism and CANNOT BE CHANGED.

EXAMPLES OF CODES

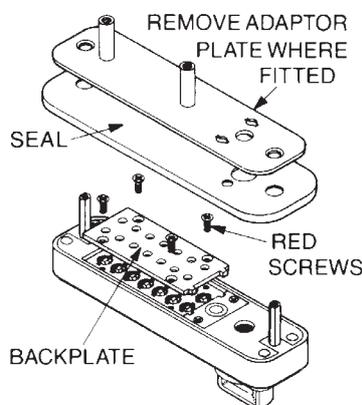
FOUR DIGIT CODE - C 2347

FIVE DIGIT CODE - C 897YZ

SIX DIGIT CODE - C 01349X

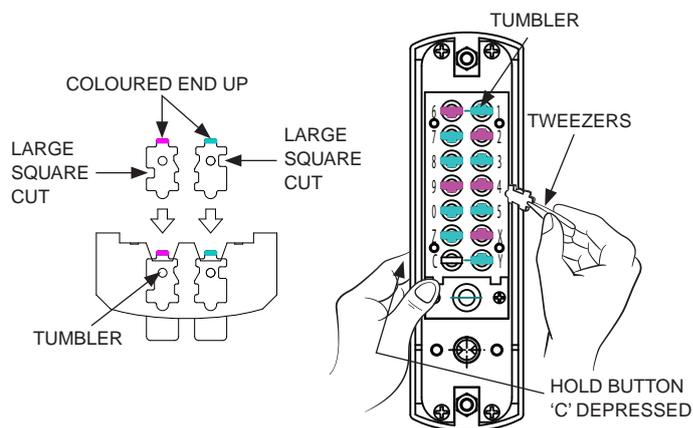
STEP 2: PREPARE LOCK FOR RE-CODING: KEEP LOCK HORIZONTAL WHILE CHANGING CODE

- (a) Remove adaptor plate. (where fitted)
- (b) Remove four red screws and carefully remove backplate.



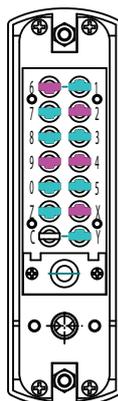
STEP 3: SETTING YOUR NEW CODE:

- (a) Hold button 'C' depressed on front face while repositioning tumblers.
- (b) Using tweezers supplied, reposition RED and BLUE tumblers as follows: RED TUMBLERS are located in holes corresponding to new code. Insert one red tumbler for each digit in the code. e.g. a four digit code requires four red tumblers. (Where necessary use spare tumblers from plastic wallet.) BLUE TUMBLERS are located in all remaining holes. INSERT TUMBLERS WITH COLOURED END UP AND LARGE SQUARE CUT-OUT FACING SIDE OF LOCK. EVERY HOLE MUST HAVE A TUMBLER FOR THE LOCK TO FUNCTION.
- (c) Release button 'C' after repositioning tumblers.



STEP 4: TO RE-ASSEMBLE:

Replace backplate carefully and secure with four red screws. CHECK THAT LOCK FUNCTIONS CORRECTLY USING NEW CODE BEFORE INSTALLING ON DOOR. Retain tweezers, spare tumblers and instructions for future code changes.



CODED
EXAMPLE
- C897YZ

ADDITIONAL KEYPAD TUMBLERS:

RED SPD-42
BLUE SPD-43



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DX Mechanical Digital Locks

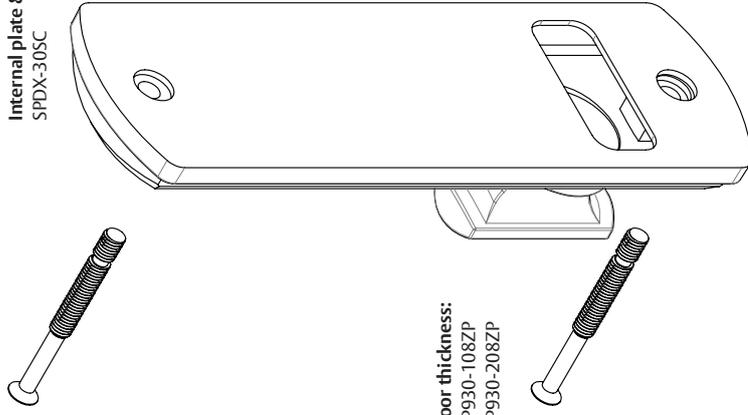
530 DX Mechanical Digital Locks

530 DX Mechanical Digital Locks

Orderable Locks

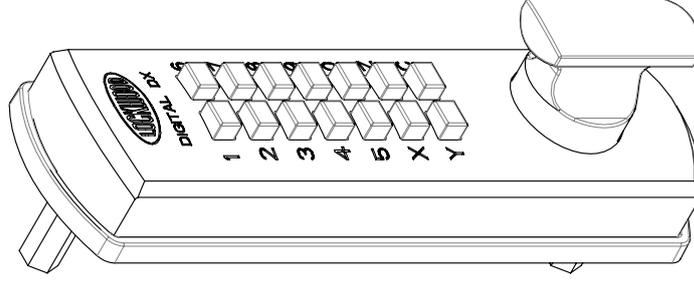
530DXSC	DX Digital 530 Latch Trade Pack
530DXPB	DX Digital 530 Latch Trade Pack
530DXSCDP	DX Digital 530 Latch Display Pack
530DXPBDP	DX Digital 530 Latch Display Pack

Internal plate & gasket
SPDX-30SC

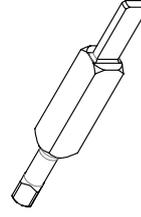


Fixing screw Door thickness:
33 to 45mm: SP930-108ZP
46 to 65mm: SP930-208ZP

Code pad and gasket
SPDX-20SC

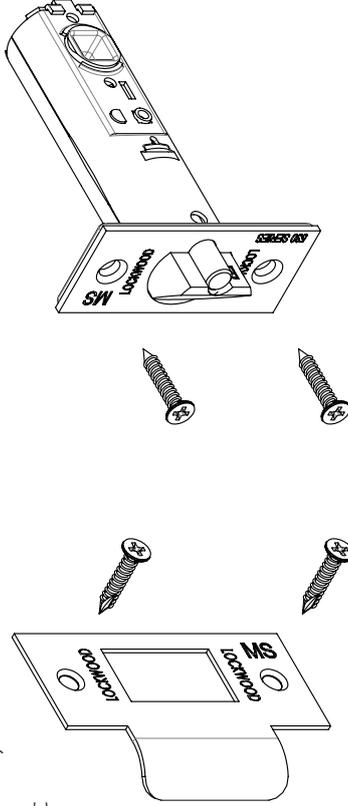


Spindle Door thickness:
33 to 45mm: SP10000-127ZP (default)
46 to 55mm: SP10000-627ZP
56 to 65mm: SP10000-727ZP

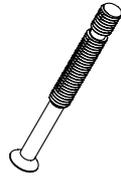


Latch and Strike Kits

60mm backset: 530-12SC (default)
70mm backset: 530-222SC
127mm backset: 530-225SC

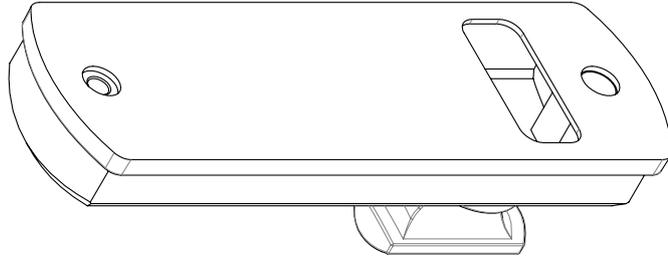


530 DX Mechanical Digital Locks - Two Pads

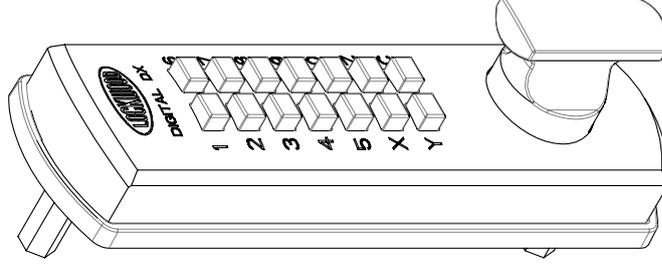


Fixing Screws Door thickness:
 33 to 45mm: SP930-108ZP
 46 to 65mm: SP930-208ZP

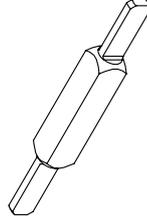
Internal Code Pad & gasket
 SPDx-220SC



External Code Pad & gasket
 SPDx-205C

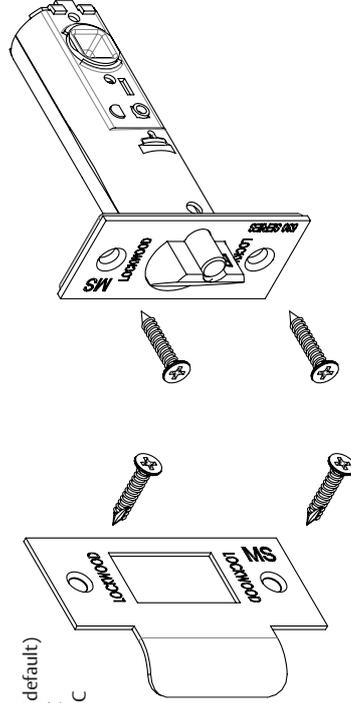


Spindles Door thickness:
 33 to 45mm: SP10000-1127ZP (default)
 46 to 55mm: SP10000-1227ZP



Latch and Strike Kits

60mm backset: 530-125C (default)
 70mm backset: 530-222SC
 127mm backset: 530-2225C

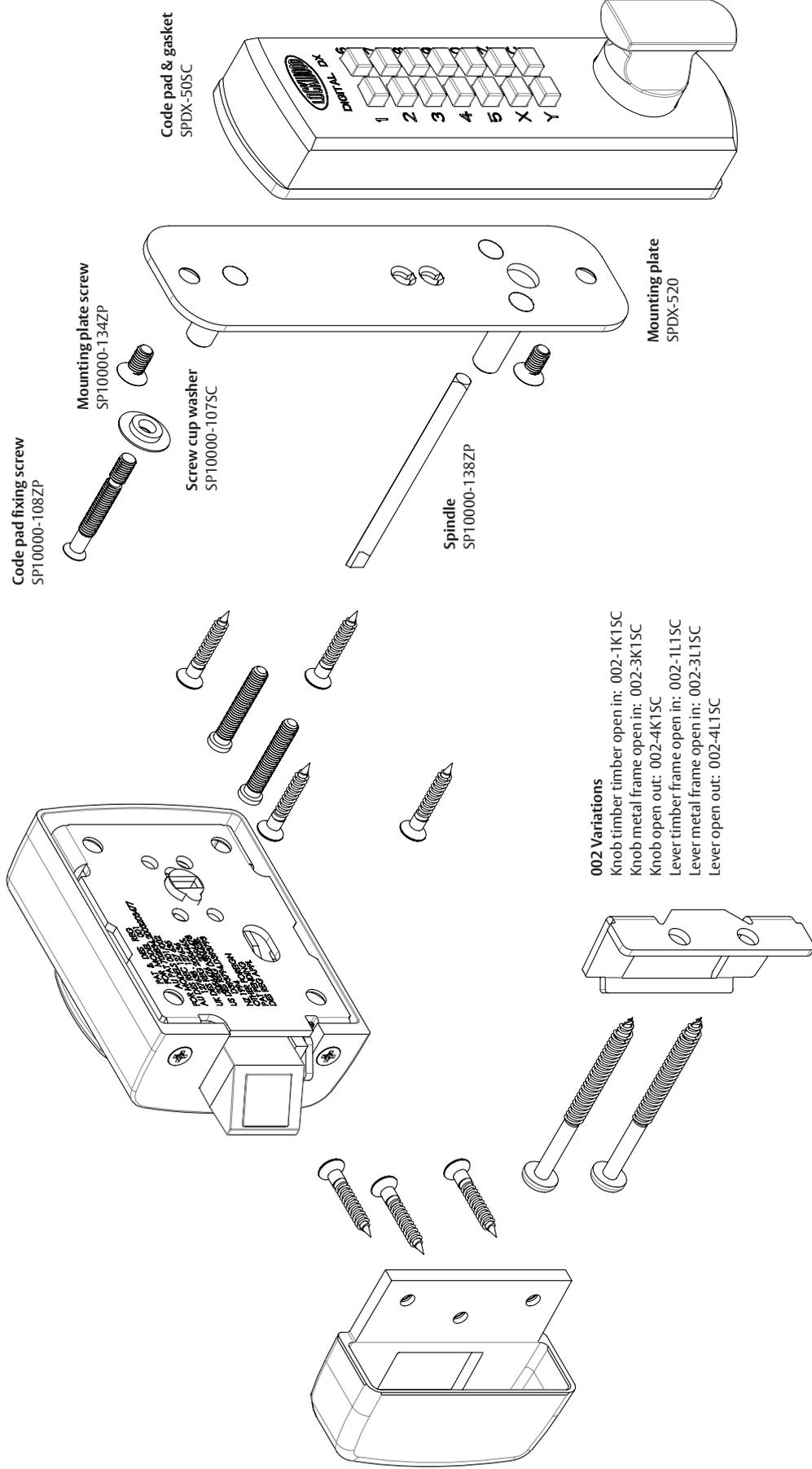


530 DX Mechanical Digital Locks - 2 Pads

Orderable Locks

530DXSC/PADSX2	DX Digital 530 Latch Trade Pack 2 Pads
530DXPB/PADSX2	DX Digital 530 Latch Trade Pack 2 Pads

002 DX Mechanical Digital Locks



002 DX Mechanical Digital Locks

Orderable Locks

- 002-1KDXSC
- 002-3KDXSC
- 002-4KDXSC

- DX Digital 002 Knob Timber Strike Trade Pack
- DX Digital 002 Knob Metal Frame Strike Trade Pack
- DX Digital 002 Knob Open Out Strike Trade Pack

002-1LDXSC

DX Digital 002 Lever Timber Strike Trade Pack

002-3LDXSC

DX Digital 002 Lever Metal Frame Strike Trade Pack

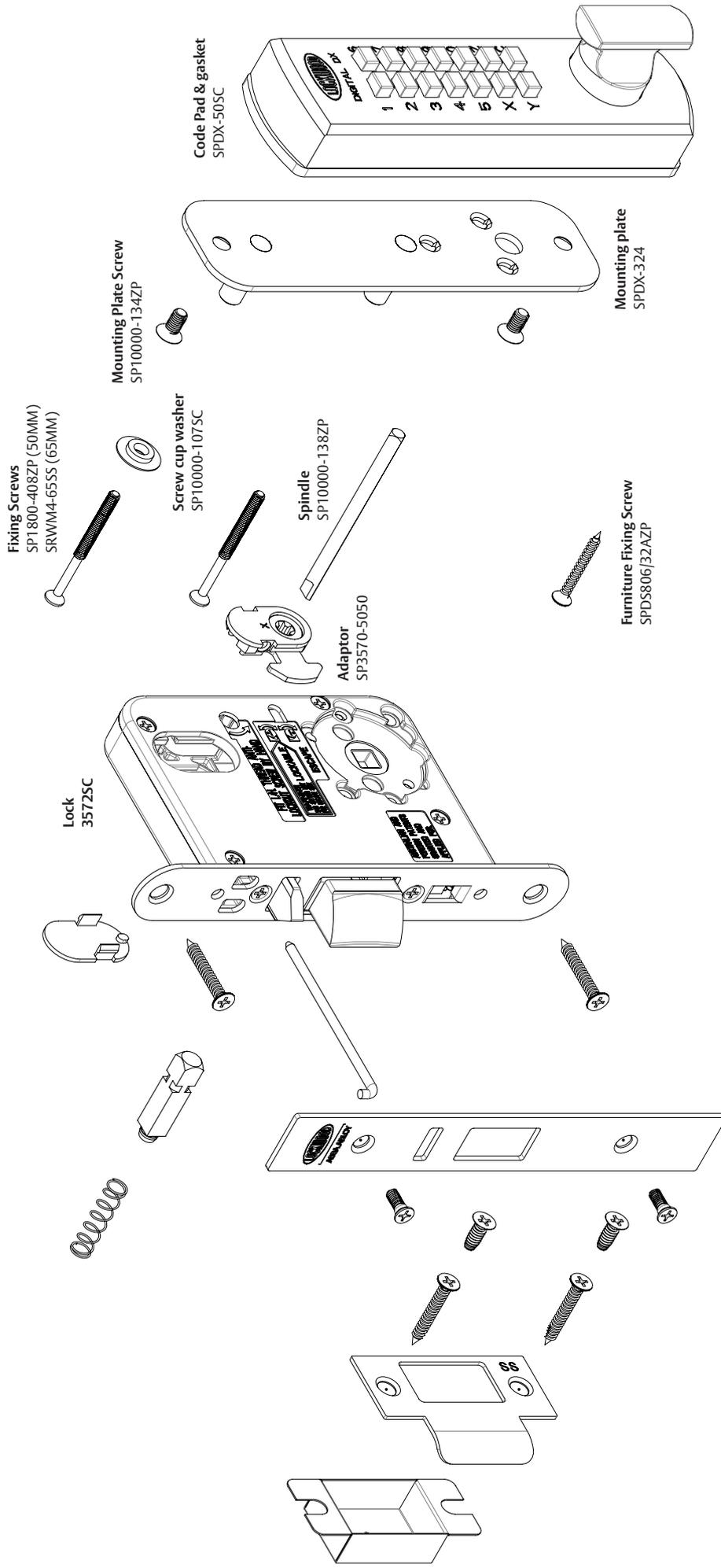
002-4LDXSP

DX Digital 002 Lever Open Out Strike Trade Pack

002-1KDXSCDP

DX Digital 002 Knob Timber Strike Display Pack

Synergy 3572 DX Mechanical Digital Locks



For components that relate specifically to the mortice lock refer to the Synergy Series Service Manual for Details.

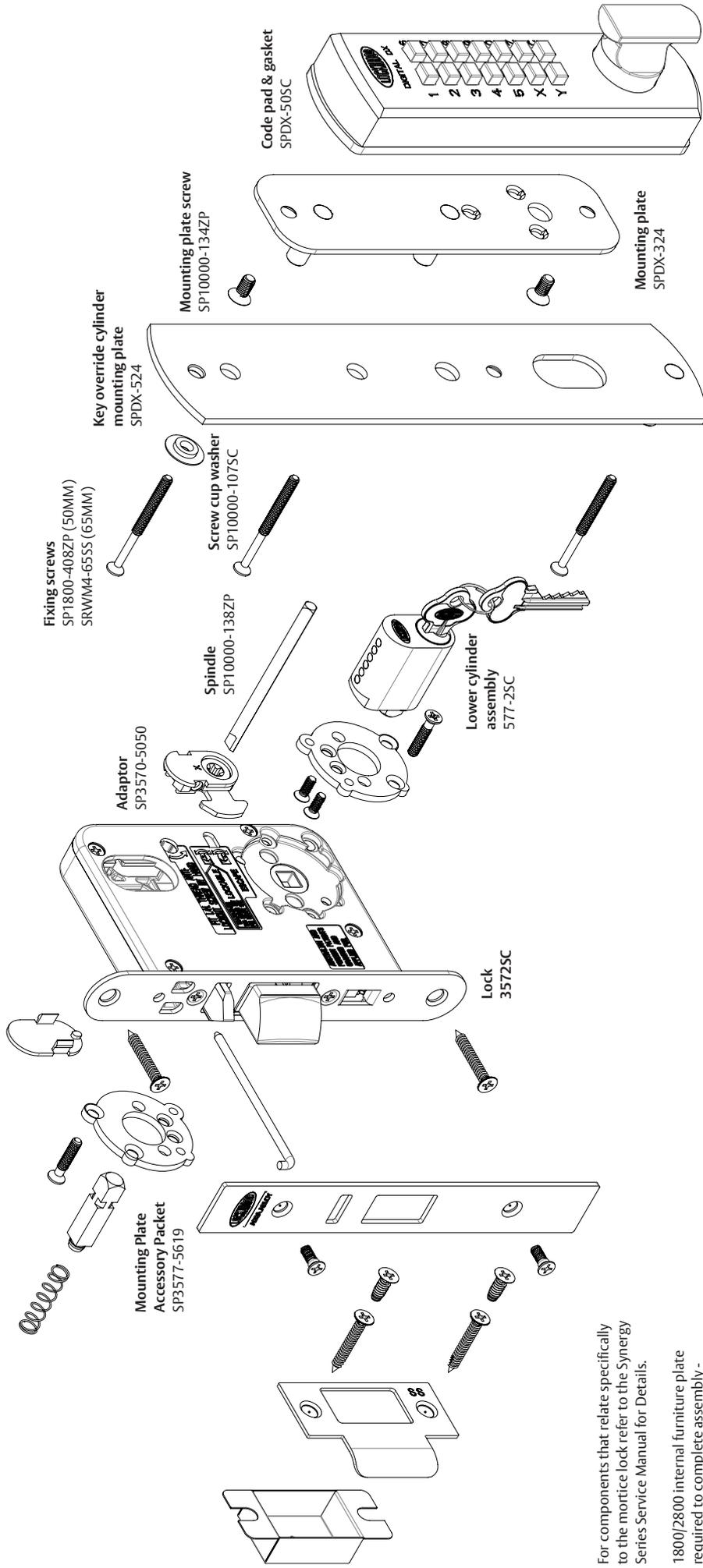
1800/2800 internal furniture plate required to complete assembly - ordered separately.

3572 DX Mechanical Digital Locks

Orderable Locks

3572DXLSC	DX Digital 3572 60mm Backset Left Hand
3572DXRSC	DX Digital 3572 60mm Backset Right Hand
4572DXLSC	DX Digital 3572 89mm Backset Left Hand
4572DXRSC	DX Digital 3572 89mm Backset Right Hand
5572DXLSC	DX Digital 3572 127mm Backset Left Hand
5572DXRSC	DX Digital 3572 127mm Backset Right Hand

Synergy 3572 DX Mechanical Digital Locks - Key Override



For components that relate specifically to the mortice lock refer to the Synergy Series Service Manual for Details.

1800/2800 internal furniture plate required to complete assembly - ordered separately.

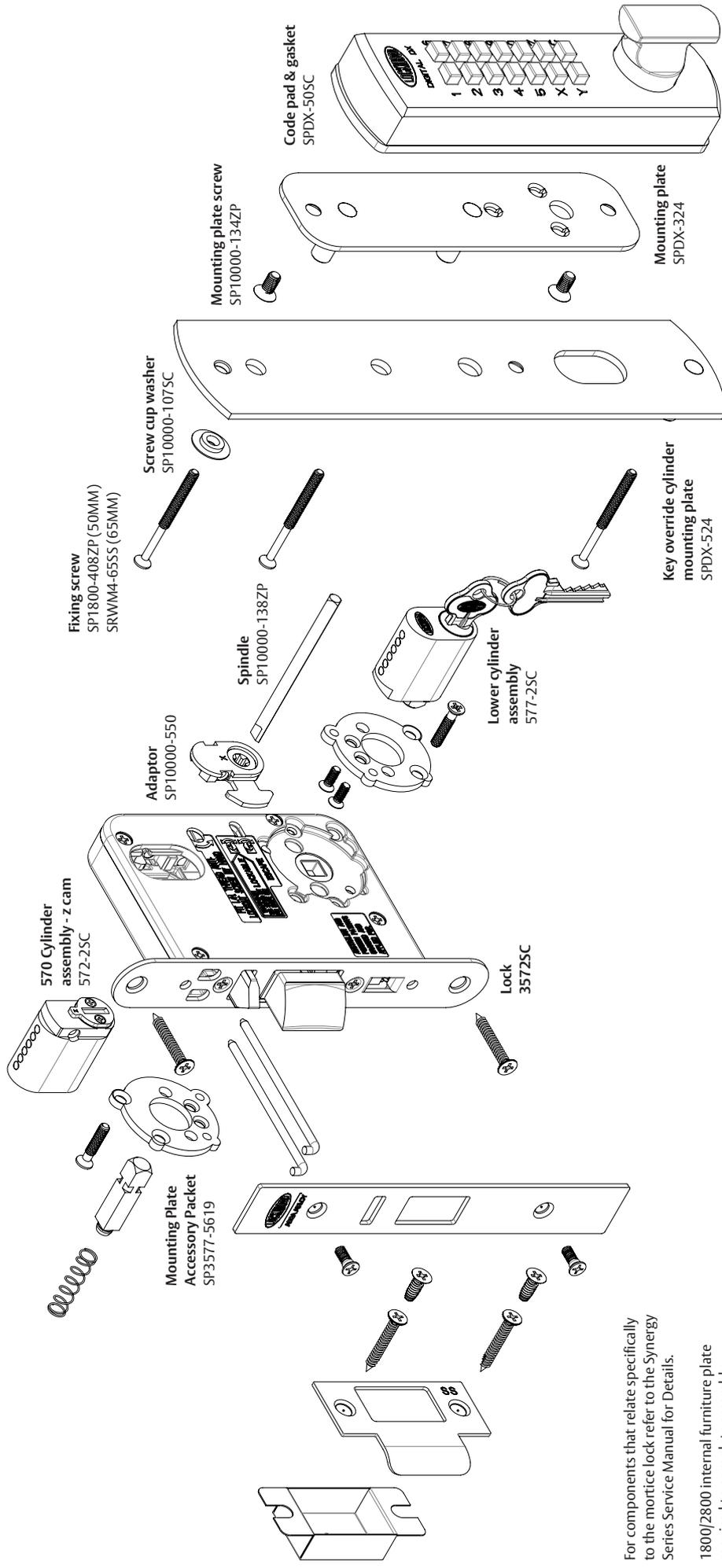
3572 DX Key Override Mechanical Digital Locks

Orderable Locks

3572DXKOLSC	DX Digital 3572 60mm Backset Key Override Left Hand
3572DXKORSC	DX Digital 3572 60mm Backset Key Override Right Hand
4572DXKOLSC	DX Digital 3572 89mm Backset Key Override Left Hand
4572DXKORSC	DX Digital 3572 89mm Backset Key Override Right Hand
5572DXKOLSC	DX Digital 3572 127mm Backset Key Override Left Hand
5572DXKORSC	DX Digital 3572 127mm Backset Key Override Right Hand

3572DXKOLSCNCYL	DX Digital 3572 60mm Backset Key Override Left Hand No Cylinder
3572DXKORSCNCYL	DX Digital 3572 60mm Backset Key Override Right Hand No Cylinder
4572DXKOLSCNCYL	DX Digital 3572 89mm Backset Key Override Left Hand No Cylinder
4572DXKORSCNCYL	DX Digital 3572 89mm Backset Key Override Right Hand No Cylinder
5572DXKOLSCNCYL	DX Digital 3572 127mm Backset Key Override Left Hand No Cylinder
5572DXKORSCNCYL	DX Digital 3572 127mm Backset Key Override Right Hand No Cylinder

Synergy 3572 DX Mechanical Digital Locks - Code Pad Lockout



For components that relate specifically to the mortice lock refer to the Synergy Series Service Manual for Details.

1800/2800 internal furniture plate required to complete assembly - ordered separately.

3572 DX Code Lock Out Mechanical Digital Locks

Orderable Locks

3572DXCLOLSC	DX Digital 3572 60mm Backset Code Lock Out Left Hand
3572DXCLOLASC	DX Digital 3572 60mm Backset Code Lock Out Right Hand
4572DXCLOLSC	DX Digital 3572 89mm Backset Code Lock Out Left Hand
4572DXCLOLASC	DX Digital 3572 89mm Backset Code Lock Out Right Hand
5572DXCLOLSC	DX Digital 3572 127mm Backset Code Lock Out Left Hand
5572DXCLOLASC	DX Digital 3572 127mm Backset Code Lock Out Right Hand

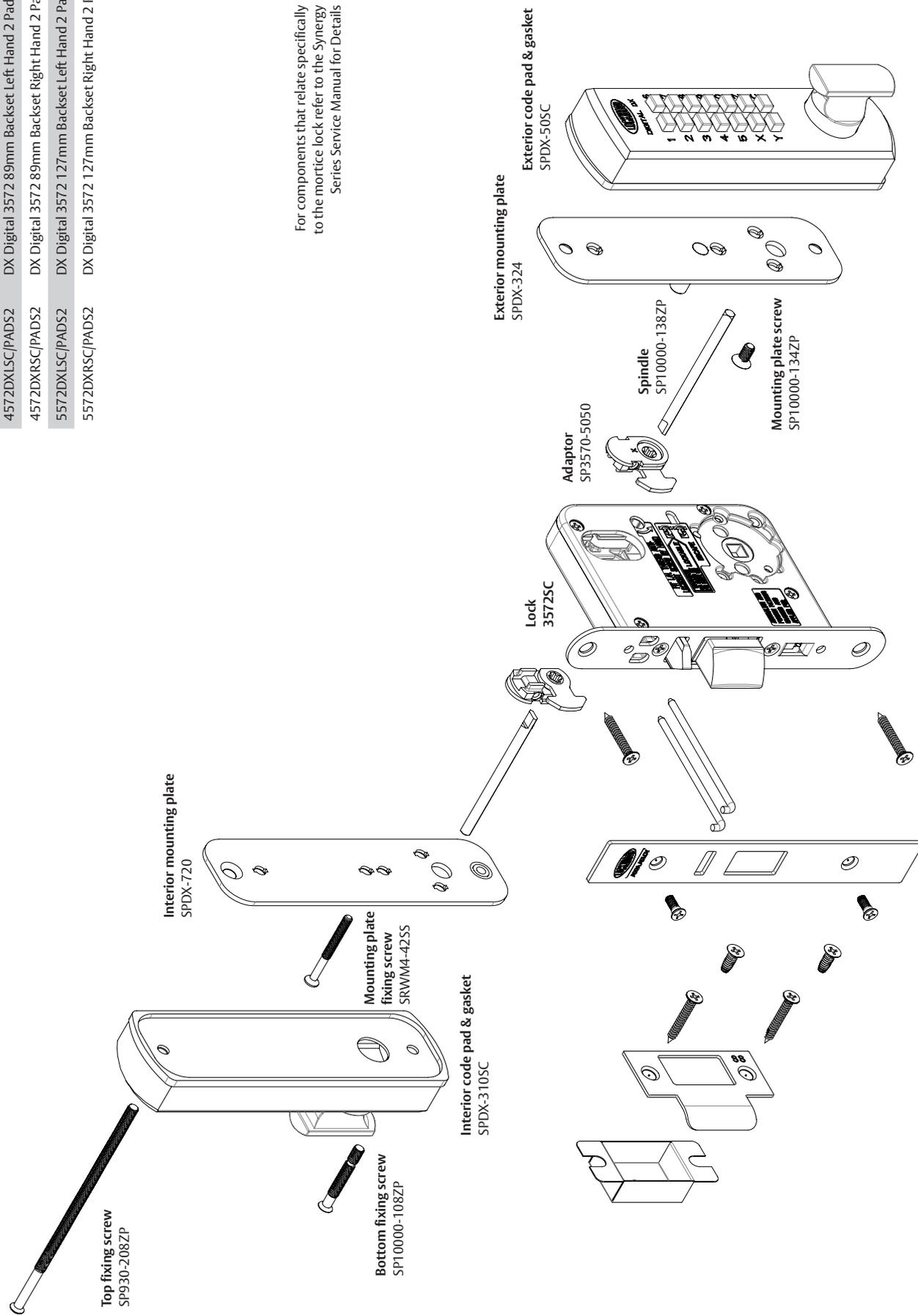
3572DXCLOLSCNCY	DX Digital 3572 60mm Backset Code Lock Out Left Hand No Cylinder
3572DXCLOLASCNCY	DX Digital 3572 60mm Backset Code Lock Out Right Hand No Cylinder
4572DXCLOLSCNCY	DX Digital 3572 89mm Backset Code Lock Out Left Hand No Cylinder
4572DXCLOLASCNCY	DX Digital 3572 89mm Backset Code Lock Out Right Hand No Cylinder
5572DXCLOLSCNCY	DX Digital 3572 127mm Backset Code Lock Out Left Hand No Cylinder
5572DXCLOLASCNCY	DX Digital 3572 127mm Backset Code Lock Out Right Hand No Cylinder

Synergy 3572 DX Mechanical Digital Locks - Two Pads

3572 DX Mechanical Digital Locks – 2 Pads

Orderable Locks

3572DXLSC/PADS2	DX Digital 3572 60mm Backset Left Hand 2 Pads
3572DXRSC/PADS2	DX Digital 3572 60mm Backset Right Hand 2 Pads
4572DXLSC/PADS2	DX Digital 3572 89mm Backset Left Hand 2 Pads
4572DXRSC/PADS2	DX Digital 3572 89mm Backset Right Hand 2 Pads
5572DXLSC/PADS2	DX Digital 3572 127mm Backset Left Hand 2 Pads
5572DXRSC/PADS2	DX Digital 3572 127mm Backset Right Hand 2 Pads

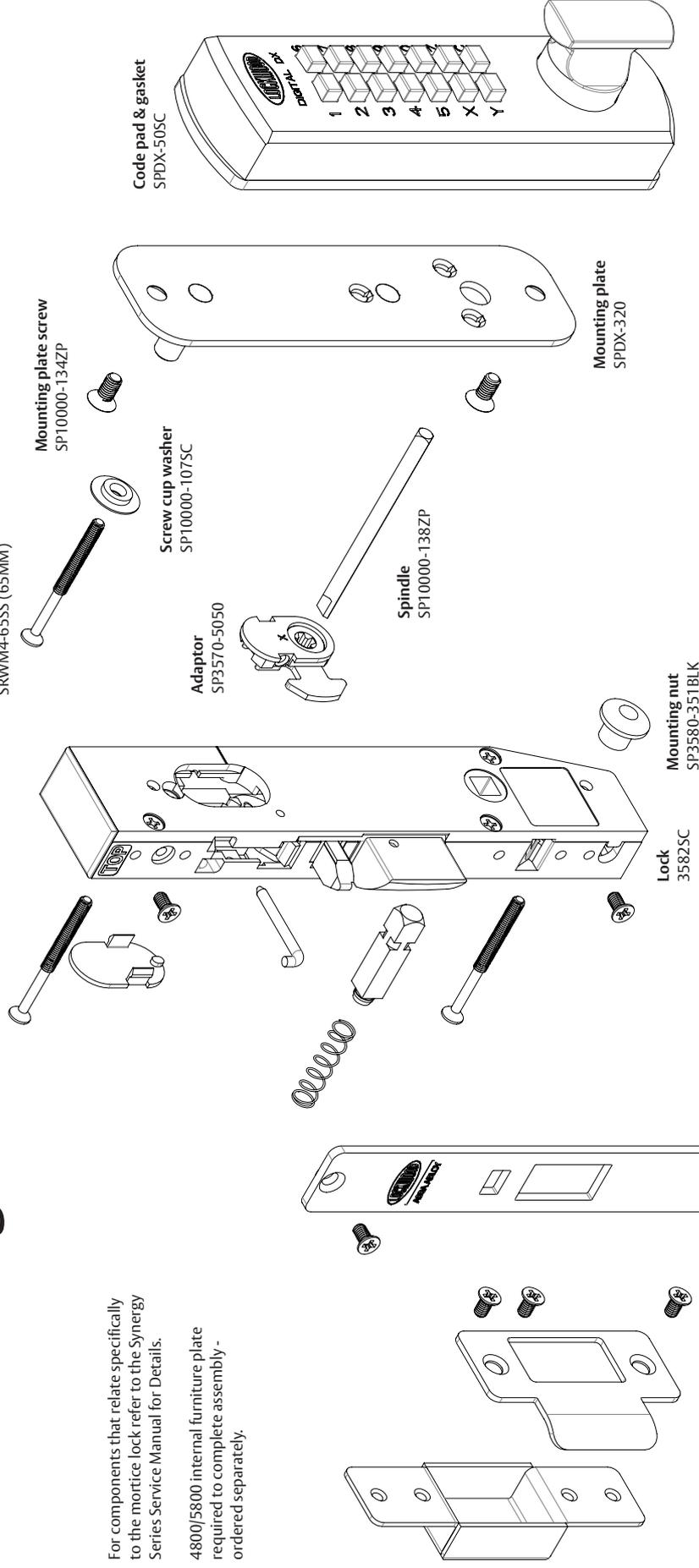


For components that relate specifically to the mortice lock refer to the Synergy Series Service Manual for Details

Synergy 3582 DX Mechanical Digital Locks

For components that relate specifically to the mortice lock refer to the Synergy Series Service Manual for Details.

4800/5800 internal furniture plate required to complete assembly - ordered separately.



3582 DX Mechanical Digital Locks

Orderable Locks

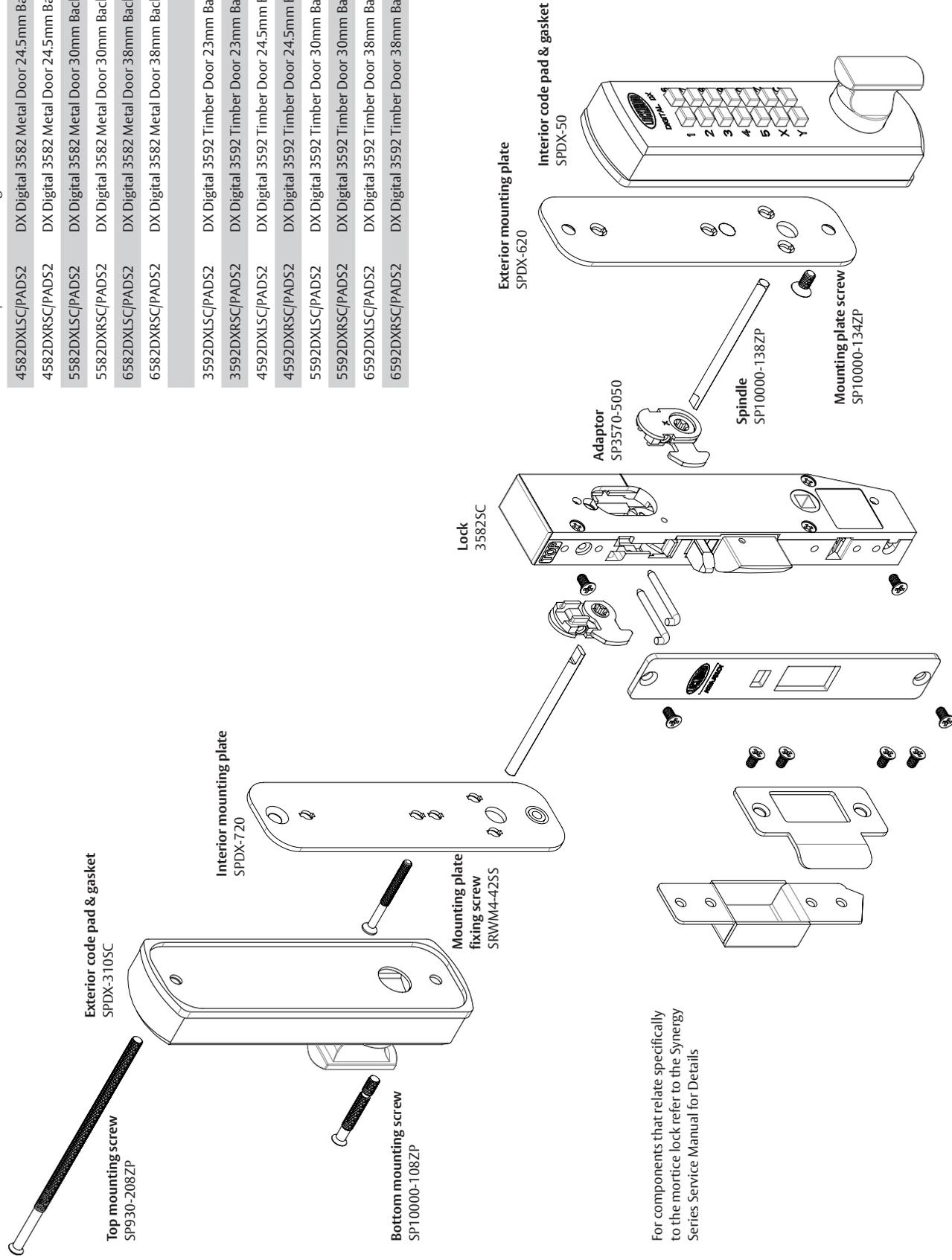
3582DXLSC	DX Digital 3582 Metal Door 23mm Backset Left Hand
3582DXRSC	DX Digital 3582 Metal Door 23mm Backset Right Hand
4582DXLSC	DX Digital 3582 Metal Door 24.5mm Backset Left Hand
4582DXRSC	DX Digital 3582 Metal Door 24.5mm Backset Right Hand
5582DXLSC	DX Digital 3582 Metal Door 30mm Backset Left Hand
5582DXRSC	DX Digital 3582 Metal Door 30mm Backset Right Hand
6582DXLSC	DX Digital 3582 Metal Door 38mm Backset Left Hand
6582DXRSC	DX Digital 3582 Metal Door 38mm Backset Right Hand
3592DXLSC	DX Digital 3592 Timber Door 23mm Backset Left Hand
3592DXRSC	DX Digital 3592 Timber Door 23mm Backset Right Hand
4592DXLSC	DX Digital 3592 Timber Door 24.5mm Backset Left Hand
4592DXRSC	DX Digital 3592 Timber Door 24.5mm Backset Right Hand
5592DXLSC	DX Digital 3592 Timber Door 30mm Backset Left Hand
5592DXRSC	DX Digital 3592 Timber Door 30mm Backset Right Hand
6592DXLSC	DX Digital 3592 Timber Door 38mm Backset Left Hand
6592DXRSC	DX Digital 3592 Timber Door 38mm Backset Right Hand

Synergy 3582 DX Mechanical Digital Locks - Two Pads

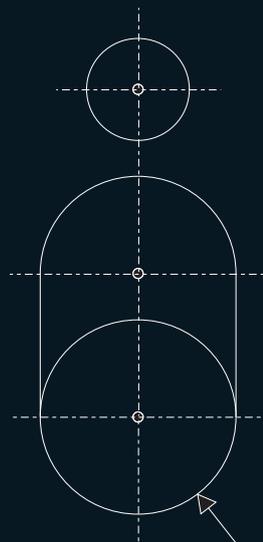
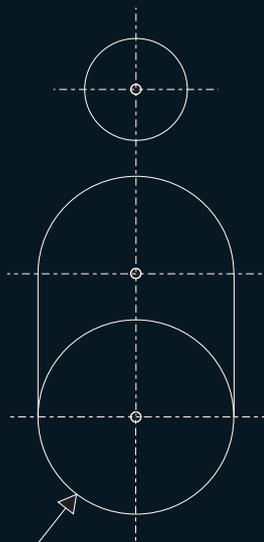
3582 DX Mechanical Digital Locks – 2 Pads

Orderable Locks

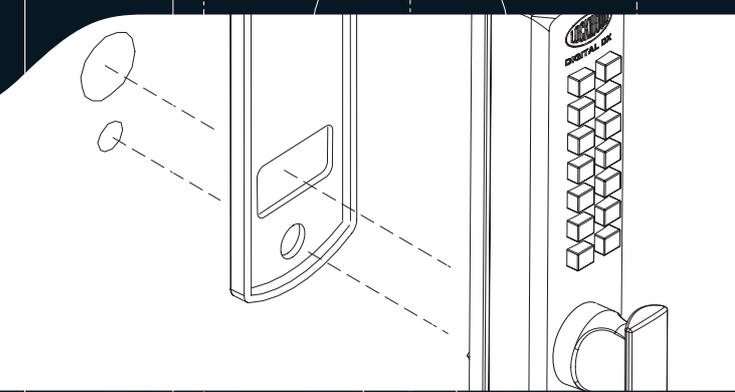
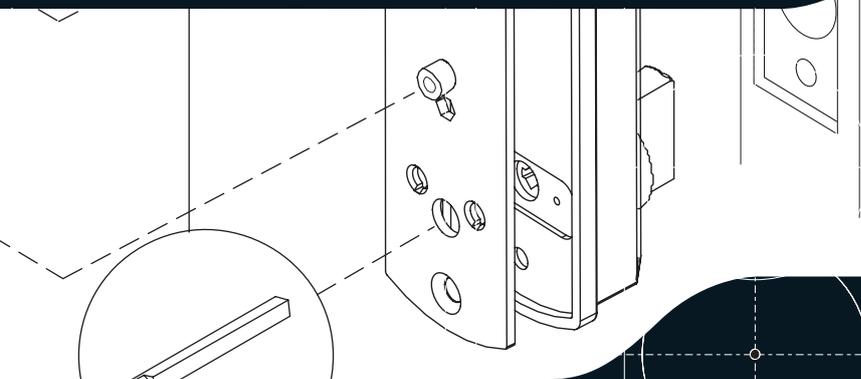
3582DXLSC/PADS2	DX Digital 3582 Metal Door 23mm Backset Left Hand 2 Pads
3582DXRSC/PADS2	DX Digital 3582 Metal Door 23mm Backset Right Hand 2 Pads
4582DXLSC/PADS2	DX Digital 3582 Metal Door 24.5mm Backset Left Hand 2 Pads
4582DXRSC/PADS2	DX Digital 3582 Metal Door 24.5mm Backset Right Hand 2 Pads
5582DXLSC/PADS2	DX Digital 3582 Metal Door 30mm Backset Left Hand 2 Pads
5582DXRSC/PADS2	DX Digital 3582 Metal Door 30mm Backset Right Hand 2 Pads
6582DXLSC/PADS2	DX Digital 3582 Metal Door 38mm Backset Left Hand 2 Pads
6582DXRSC/PADS2	DX Digital 3582 Metal Door 38mm Backset Right Hand 2 Pads
3592DXLSC/PADS2	DX Digital 3592 Timber Door 23mm Backset Left Hand 2 Pads
3592DXRSC/PADS2	DX Digital 3592 Timber Door 23mm Backset Right Hand 2 Pads
4592DXLSC/PADS2	DX Digital 3592 Timber Door 24.5mm Backset Left Hand 2 Pads
4592DXRSC/PADS2	DX Digital 3592 Timber Door 24.5mm Backset Right Hand 2 Pads
5592DXLSC/PADS2	DX Digital 3592 Timber Door 30mm Backset Left Hand 2 Pads
5592DXRSC/PADS2	DX Digital 3592 Timber Door 30mm Backset Right Hand 2 Pads
6592DXLSC/PADS2	DX Digital 3592 Timber Door 38mm Backset Left Hand 2 Pads
6592DXRSC/PADS2	DX Digital 3592 Timber Door 38mm Backset Right Hand 2 Pads



For components that relate specifically to the mortice lock refer to the Synergy Series Service Manual for Details

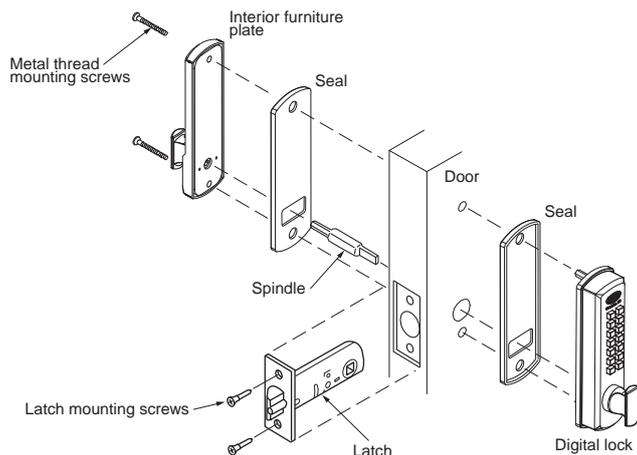


Mounting Instructions and Templates



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LOCK MOUNTING POSITION



Lock mounting position.

This product is more convenient to operate at approximately chest level, but door construction may restrict the mounting position.

SOLID DOORS: Permit mounting at any height.

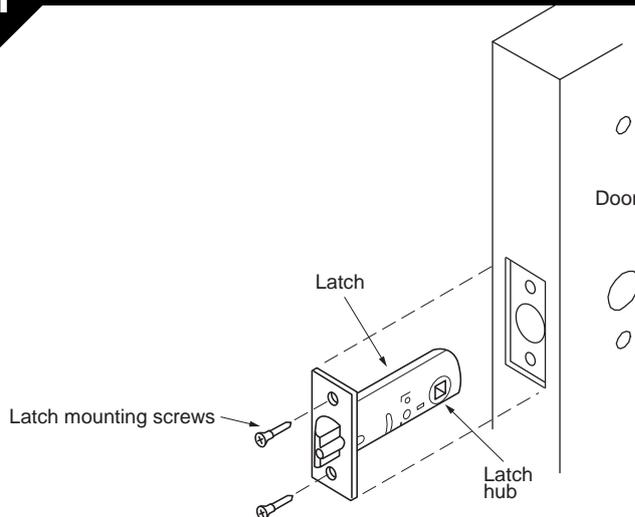
HOLLOW CORE DOORS: Mounting may be restricted by the size and position of the timber block within the door for lock mounting.

Note: For fire door applications, keypad must be fitted without rubber mounting pad.

FOLLOW INSTRUCTIONS CAREFULLY

1

INSTALL LOCK



1. Prepare door and install latch.

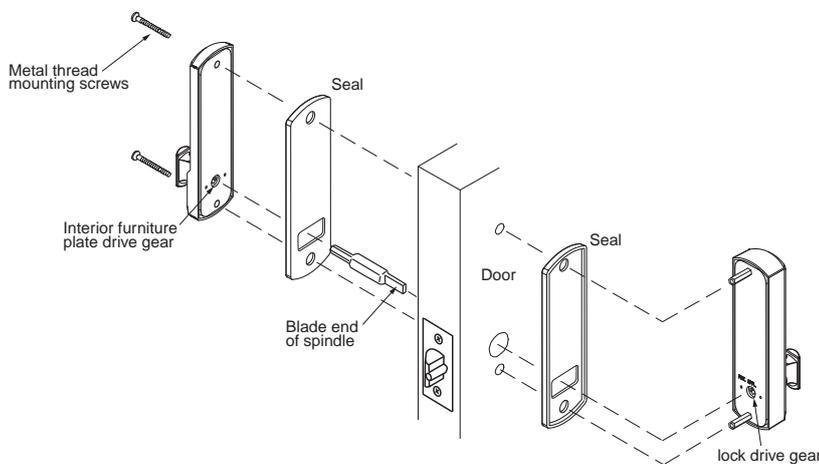
- Mark and drill holes as shown on template.
- Insert latch into hole in door edge and scribe around faceplate.
- Mortise 4mm ($\frac{5}{32}$ ") deep to accept latch faceplate.
- Pre-drill 2.5mm ($\frac{3}{32}$ ") to accept mounting screws and secure latch using woodscrews supplied.

2

INSTALL LOCK

2. Install digital lock and interior furniture plate.

- Fit rubber seal to the back of the digital lock and interior furniture plate.
- Insert blade end of spindle in vertical position into digital lock drive gear.
- Install digital lock and interior furniture plate to door with both turn knobs in vertical position.
NOTE: Ensure that spindle engages latch hub and interior furniture plate drive gear.
- Secure using two metal thread mounting screws.

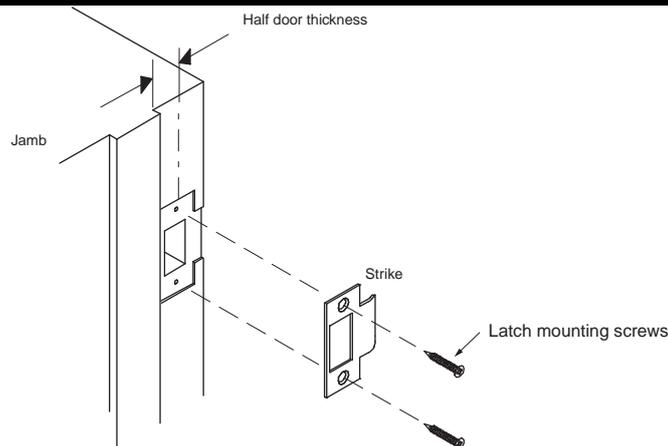


3

PREPARE AND INSTALL

3. Prepare jamb and install strike.

- Mark strike location on jamb edge directly opposite latch as shown.
- Locate strike on jamb edge centrally about horizontal centreline with screw holes in strike on vertical centreline. Mark outline of strike and bolt hole onto jamb edge.
- Mortise in the following sequence:
 - Bolt hole mortise 16mm ($\frac{5}{8}$ ") deep.
 - Strike mortise 1.5mm ($\frac{1}{16}$ ") deep.
- Pre-drill 2.5mm ($\frac{3}{32}$ ") to accept mounting screws and secure using woodscrews supplied.



DIGITAL DEADLOCK MOUNTING INSTRUCTIONS

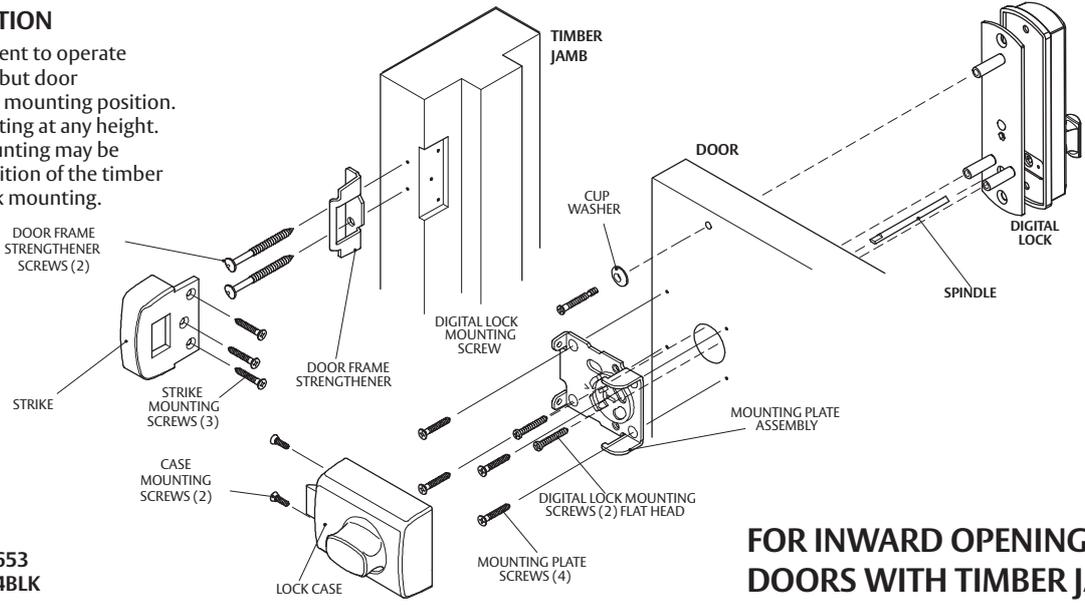
5065M 0612

LOCK MOUNTING POSITION

FOLLOW INSTRUCTIONS CAREFULLY

LOCK MOUNTING POSITION

This product is more convenient to operate at approximately chest level, but door construction may restrict the mounting position.
SOLID DOORS : Permit mounting at any height.
HOLLOW CORE DOORS : Mounting may be restricted by the size and position of the timber block within the door for lock mounting.



OPTIONAL
 31mm Retrofit Strike 001-3653
 3mm Packer plate 001-3254BLK

FOR INWARD OPENING DOORS WITH TIMBER JAMB

1 PREPARE DOOR

1. Select **CLOCKWISE** or **ANTI-CLOCKWISE** side of template to suit door opening direction.
2. Position template and prepare door as specified on template.

DRILL CYLINDER HOLE FROM BOTH SIDES OF DOOR. TO PREVENT SPLINTERING OF DOOR FACE.

2 PREPARE LOCK

1. Rotate turn knob fully clockwise to **HOLD BACK** position.
2. Remove two case mounting screws from lock case.
3. Take mounting plate out of lock case.

Lock Case
Mounting Plate

P.T.O.

Anti-Clockwise Opening Door Template

USE OTHER SIDE OF TEMPLATE FOR CLOCKWISE DOOR

THIS WAY UP

DRILL HOLE 10mm

INSIDE

1. Select **CLOCKWISE** or **ANTI-CLOCKWISE** template to suit door opening direction.

2. Place template on inside door face at required height from floor with **LINE A** positioned on door edge.

3. Mark and drill holes as specified on template.

DRILL HOLE FROM BOTH SIDES OF DOOR. TO PREVENT SPLINTERING OF DOOR FACE

DRILL 4 HOLES 3mm Dia x 25mm Deep

DRILL 32mm Dia HOLE

60mm BACKSET

TEAR OFF

Door Frame Strengthenener Template

FOLD LINE

DRILL 2 HOLES 5mm Dia x 63mm Deep

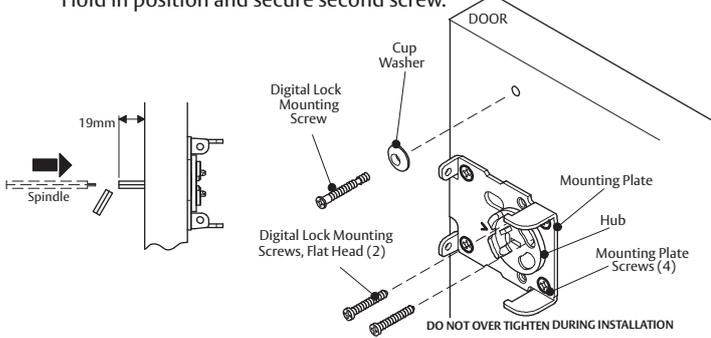
TEAR OFF

LINE A

DIGITAL DEADLOCK MOUNTING INSTRUCTIONS

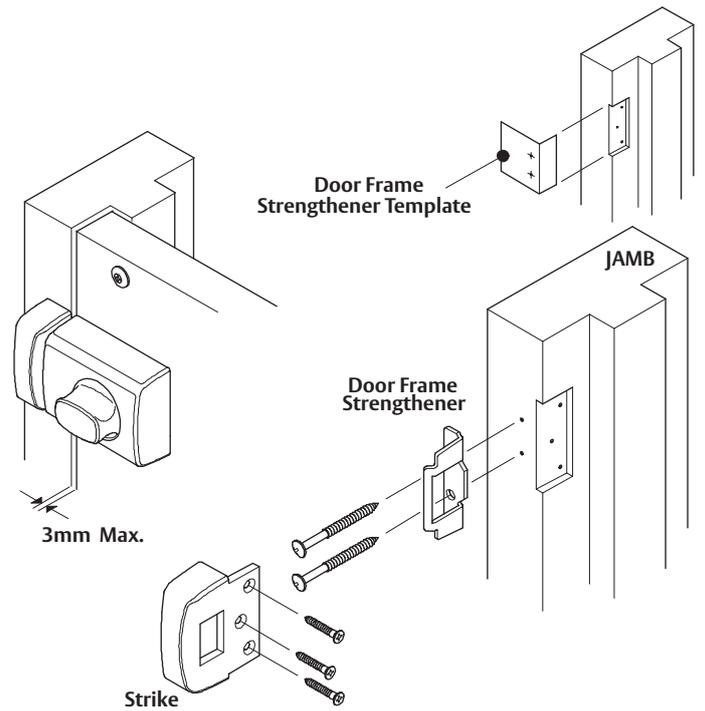
3 INSTALL DIGITAL LOCK & MTG PLATE

1. Fix MOUNTING PLATE to door with four woodscrews supplied.
2. Align Notch on HUB with vee on mounting plate.
3. Insert and locate, blade end of spindle into hub from outside of door. Mark and cut spindle to length. (19mm from Door Face).
4. Insert spindle into digital lock drive gear with blade end facing out.
5. Realign notch on hub with vee on mounting plate. Secure digital lock with mounting screw through cup washer and into top hole. Cut screw if required. Ensure blade end of spindle engages in hub.
6. Place rear digital mounting screw through slot in hub and secure digital lock to door.
7. Rotate HUB 90° by entering code of Digital Lock and turning knob. Hold in position and secure second screw.



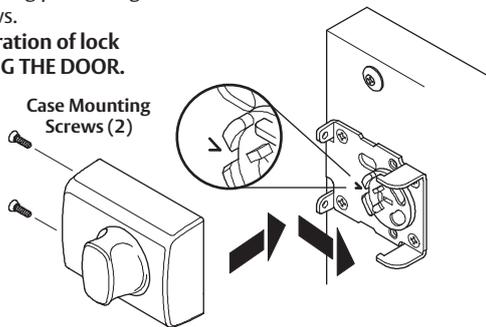
5 INSTALL FRAME STRENGTHENER & STRIKE

1. Position strike on jamb directly opposite the lock case and mark outline of strike flange on jamb edge.
2. Mortise area for flange. Depth of flange mortise determines gap. Note: 3mm maximum gap between lock and installed strike.
3. Position door frame strengthener template in strike flange mortise as shown below.
4. **WARNING:** Care must be taken when drilling and affixing screws to jamb. Screws must NOT come in contact with electrical wires in jamb. Mark and drill holes as specified on template.
5. Install door frame strengthener and secure using two door frame strengthener screws.
6. Locate strike over door frame strengthener and secure using three strike mounting screws. Note: Pre-drill 3mm Dia x 25mm deep for woodscrews.



4 INSTALL CASE

1. Rotate lever fully clockwise to the HOLD BACK position.
2. Ensure notch on hub is aligned with 'V' on mounting plate. Fit case body to mounting plate as shown.
3. **Lightly tap** both front corners of case to ensure it is fully home on the mounting plate.
4. Secure to mounting plate using the two case mounting screws.
5. **Test entire operation of lock BEFORE CLOSING THE DOOR.**



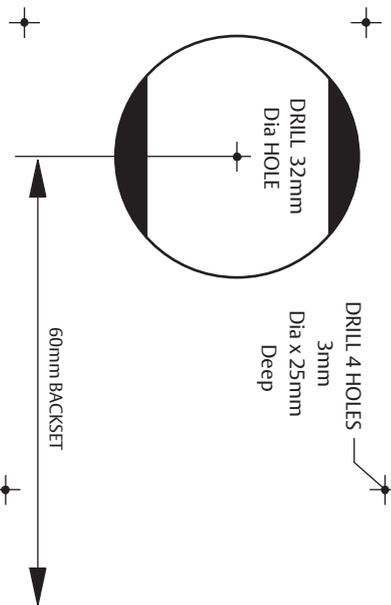
TEAR OFF

Door Frame Strengthener Template

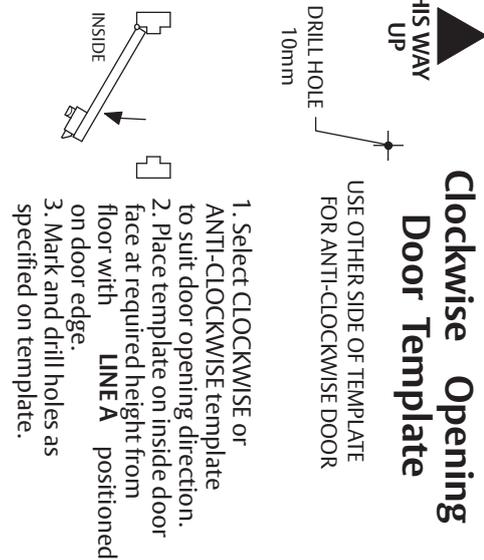
FOLD LINE

DRILL 2 HOLES
5mm Dia x 63mm Deep

TEAR OFF



DRILL HOLE FROM BOTH SIDES OF DOOR. TO PREVENT SPLINTERING OF DOOR FACE



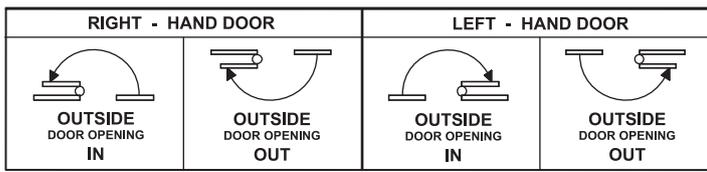
Clockwise Opening Door Template

3570 DX SERIES MECHANICAL DIGITAL LOCKS

MOUNTING INSTRUCTIONS

P/No. 3570-5521 30621 0509

HAND OF DOOR ACCORDING TO ENGLISH PRACTICE



- Determine hand of lock required from hand of door chart above.
- All Lockwood 3570 Series Mortice Locks with Dual entry cylinders are mounted in accordance with these instructions. 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.

HANDING OF LOCK

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

TYPE OF LOCK OPERATIONS

STANDARD

- Opened from outside by entering correct code and rotating turn knob.
- On releasing turnknob the code is automatically cancelled. Open from inside by handle at all times.

HOLD BACK CYLINDER

OPENED FROM OUTSIDE :

- By entering correct code and rotating turn knob. On releasing turn knob the code is automatically cancelled. To apply HOLD - BACK insert key into interior cylinder and rotate one full turn, withdraw key.

OPENED FROM INSIDE :

- By handle at all times.

1 PREPARE DOOR FOR LOCK

- Establish height that lockset will be on door and mark centreline of door thickness on door edge.
- Place template on door and align centreline on template with centreline on door. Mark and drill mortice.
- Ease out mortice cavity where necessary.
- 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.

- ENSURE lock is removed from MORTICE cavity. Fold template and align **EDGE F** with bottom of cover plate recess on door edge.

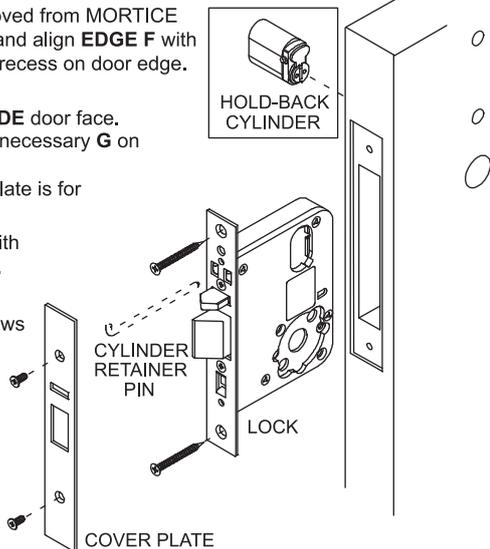
- Mark and Drill holes:

A, B & C on **OUTSIDE** door face,
A, B, D & E, and if necessary **G** on
INSIDE door face.

NB: Hole **G** on template is for
Hold-back **ONLY**.

- Secure lock to door with woodscrews supplied.

- Install cover plate and secure with 2 M4 screws to lock body.

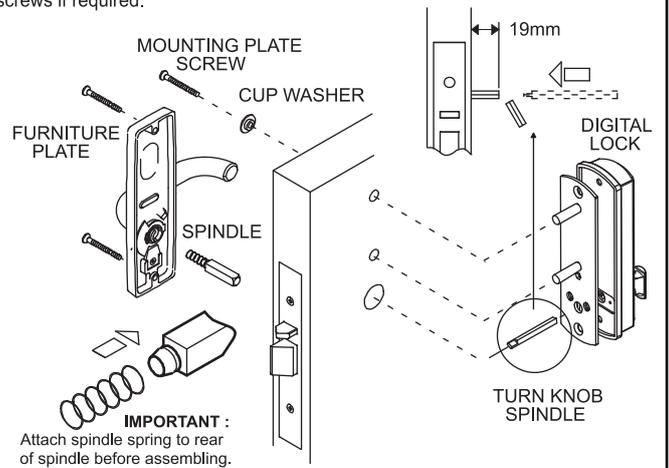


2 HOLDBACK CYLINDER

- Using a small flat screwdriver, lever out Cylinder Hole Plug where fitted and insert Cylinder.
- Secure Cylinder with Retainer Pin, ensuring pin is flush with frontplate.
- Install Cover Plate and secure with 2 M4 screws to body.

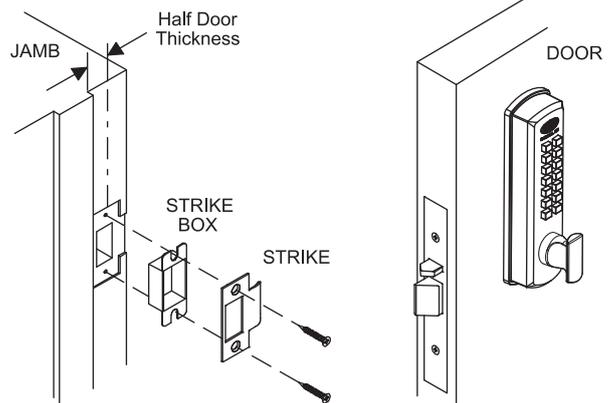
3 INSTALL DIGITAL LOCK AND FURNITURE

- Insert blade end of turn knob spindle into turn knob adaptor and cut turn knob spindle to length (19mm from Door Face). Insert spindle into digital lock drive gear with blade end facing out.
- Fit digital lock to outside door face, with turn knob spindle engaged in turn knob adaptor. Secure using either short or long mounting plate screw through cup washer and into top hole. Cut screw if required.
- Set lever handle furniture to suit hand of door by loosening stop plate and rotating lever handle to side required. Retighten stop plate screw.
- Insert spindle into lock. Insert furniture plate to inside door face with lever spindle engaged in hub. Secure using either short or long furniture mounting screws. Cut screws if required.



4 MOUNTING STRIKE

- Mark strike position in jamb edge directly opposite latch bolt. Mark out door frame for strike.
- Mortice door frame for strike box and strike. Bolt recess to be 15mm Deep in door frame.
- Screw strike and strike box to door frame with two screws supplied.



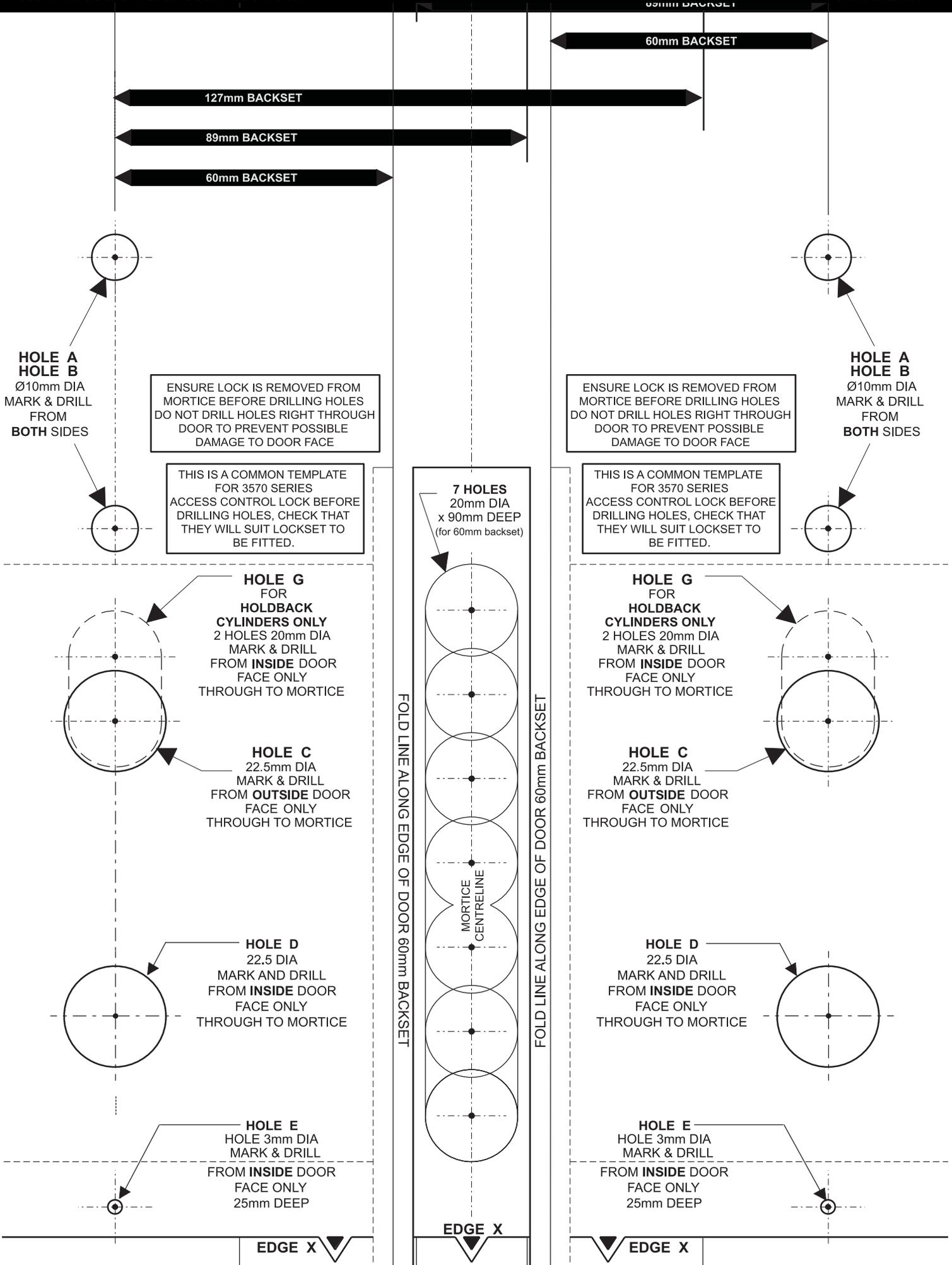
Note: For fire door applications, keypad must be fitted without rubber mounting pad.

3570 DX SERIES MECHANICAL DIGITAL LOCKS

MOUNTING INSTRUCTIONS



ASSA ABLOY

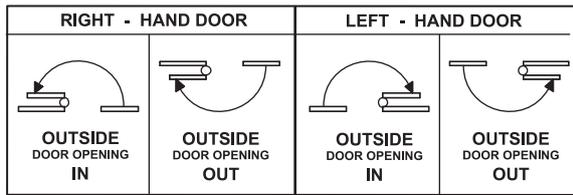


3570 DX SERIES KEY OVERRIDE MECHANICAL DIGITAL LOCKS

MOUNTING INSTRUCTIONS



P/No. 3570-5421 30621 1012



All Lockwood 3570 Series Key Override Mechanical Digital Locks are to be mounted in accordance with these instructions.

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.

BOLT

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

1 TYPE OF LOCK OPERATIONS

STANDARD

Opened from outside by key or by entering correct code and rotating turn knob. On releasing turn knob the code is automatically cancelled. Open from inside by handle at all times.

HOLD BACK CYLINDER

OPENED FROM OUTSIDE :

By key or by entering correct code and rotating turn knob. On releasing turn knob the code is automatically cancelled. To apply HOLD - BACK insert key into interior cylinder and rotate one full turn, withdraw key.

OPENED FROM INSIDE :

By handle at all times.

LOCKOUT CYLINDER

OPENED FROM OUTSIDE :

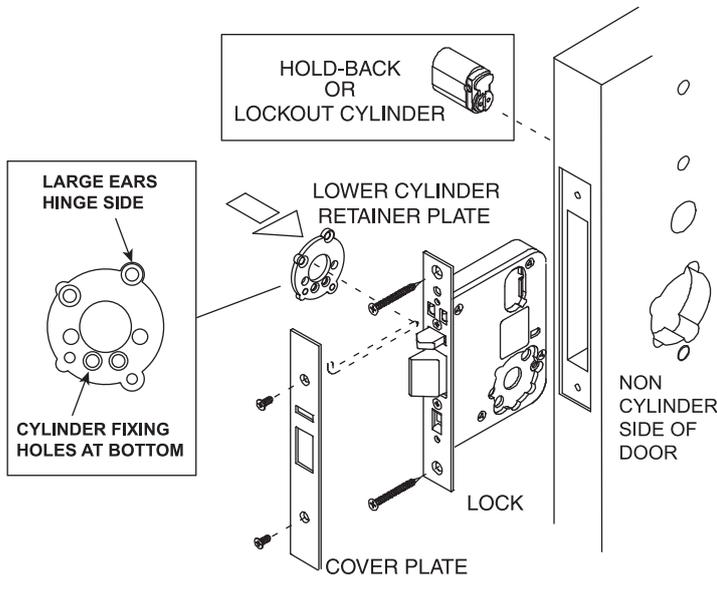
By key or by entering correct code and rotating turn knob. By key only when digital function is isolated. Digital function is isolated by inserting key into interior cylinder and rotating one full turn in direction of red arrow. On releasing exterior turn knob the code is automatically cancelled.

OPENED FROM INSIDE :

By handle at all times.

2 PREPARE DOOR FOR LOCKS

- Establish height that lockset will be mounted on door and mark centreline of door thickness on door edge.
- Place Mortise Template on door and align centreline on template with centreline on door. Secure with sticky tape. Mark and drill mortice.
- Ease out mortice cavity where necessary. Clean out mortice before inserting lock.
- 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.
- Fold template and align **EDGE X** with the bottom of the cover plate recess on door edge.
- Mark and drill holes: **A, B, C, D, E and F** from both sides of door, if necessary drill hole **G** on **inside** door face.
N.B. Hole **G** on template is for Hold-back OR Lock-out cylinder ONLY.
- Place Lower Cylinder Retainer Plate in lock recess. Secure lock to door with woodscrews supplied.
- Install cover plate and secure with 2 M4 screws to lock body.

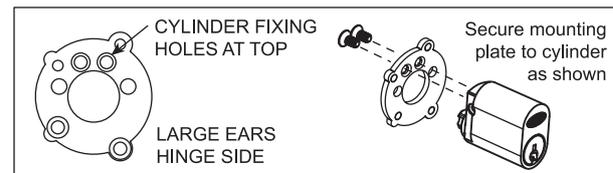
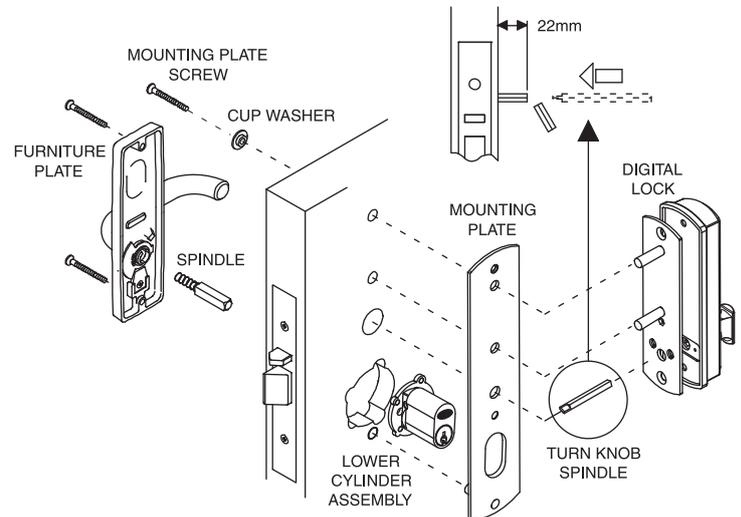


3 HOLD-BACK CYLINDER

- Using a small flat screwdriver, lever out Cylinder Hole Plug where fitted and insert Cylinder.
- Secure Cylinder with Retainer Pin, ensuring pin is flush with frontplate.
- Install Cover Plate and secure with 2 M4 screws to body.

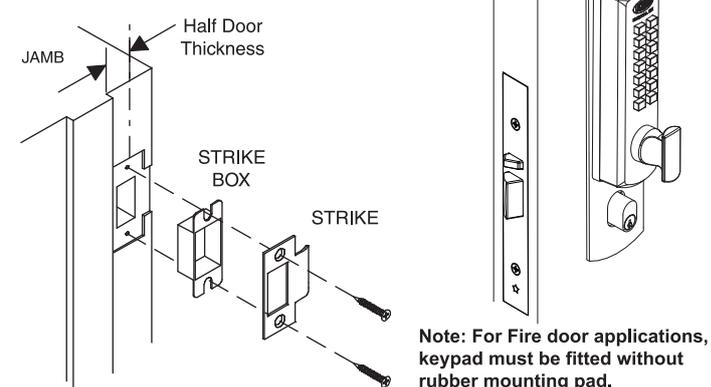
4 INSTALL DIGITAL LOCK, CYLINDER AND FURNITURE

- Install Lower Cylinder Assembly from OUTSIDE. Secure using two cylinder mounting screws from INSIDE.
- Orient cylinder and secure to cylinder mounting plate using M3 screws
- Insert Blade end of turn knob spindle into turn knob adaptor and cut turn knob spindle to length (22mm from Door Face). Insert spindle into digital lock drive gear with blade end facing out.
- Fit digital lock to mounting plate and install assembly to outside door face with turn knob spindle engaged in turn knob adaptor. Secure using either short or long mounting plate screw through cup washer and into top hole. Cut screw if required.
- Set lever handle furniture to suit hand of door by loosening stop plate and rotating lever handle to side required. Retighten stop plate screw.
- Insert spindle into lock. Insert furniture plate to inside door face with lever spindle engaged in hub. Secure using either short or long furniture mounting screws. Cut screws if required.



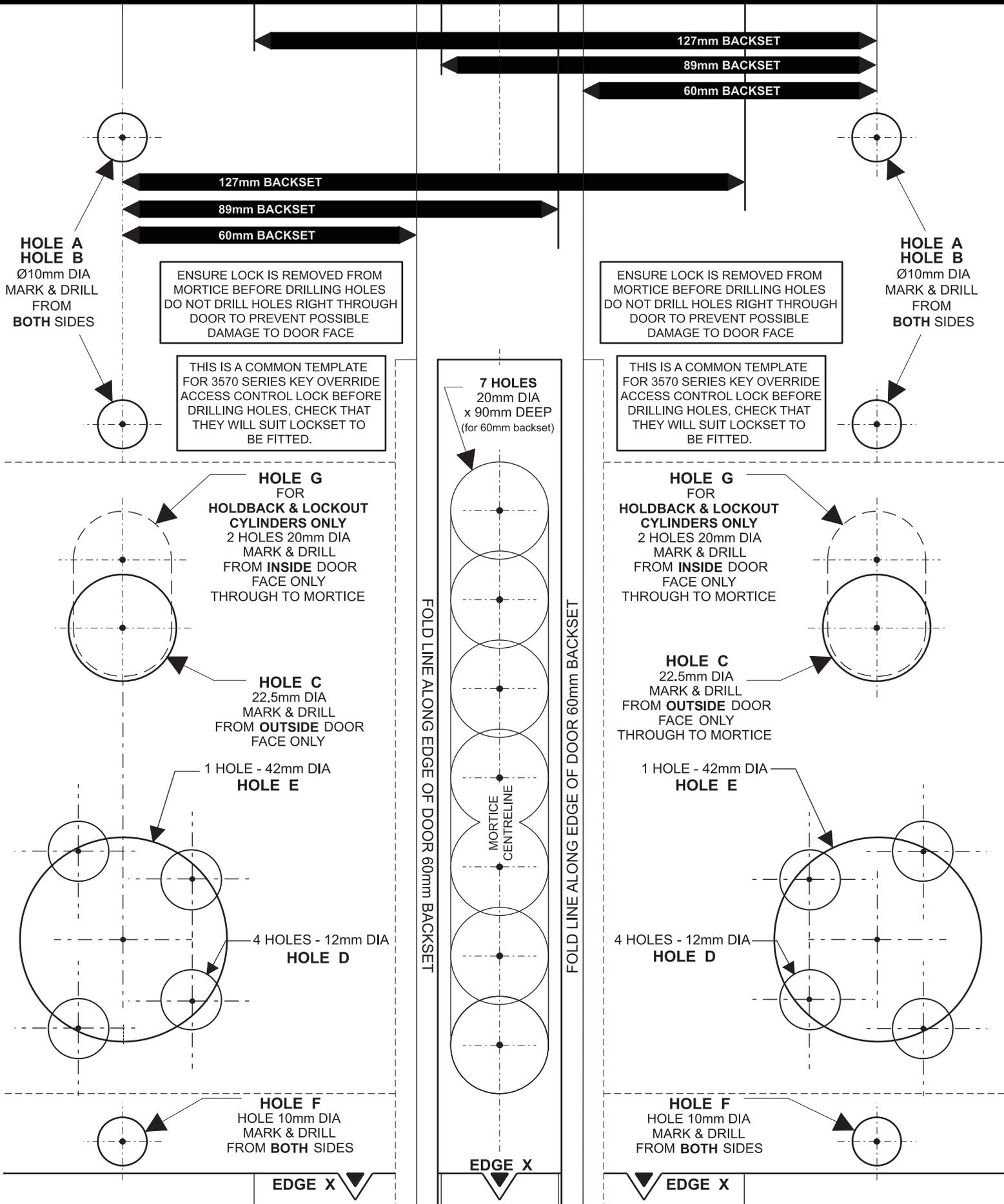
5 MOUNTING STRIKE

- Mark strike position in jamb edge directly opposite latch bolt. Mark out door frame for strike.
- Mortise door frame for strike box and strike. Bolt recess to be 15mm Deep in door frame.
- Screw strike and strike box to door frame with two screws supplied.



3570 DX SERIES KEY OVERRIDE MECHANICAL DIGITAL LOCKS

MOUNTING INSTRUCTIONS



SIN500 032000 10000-1123

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

All Lockwood 3570 Series Mechanical Digital Locks are to be mounted in accordance with these instructions.

Important : Before drilling door ensure correct hand is being installed.

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

TYPE OF LOCK OPERATIONS

DOUBLE DIGITAL

Opened from outside by entering correct code and rotating turn knob. On releasing turnknob the code is automatically cancelled. Open from inside by handle at all times.

HAND OF LOCK

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

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.
3. Ease out mortice cavity where necessary.
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 and align **EDGE F** with bottom of cover plate recess on door edge.
6. Mark and Drill holes C from both sides. Drill two holes to suit lockset to be fitted. Dimensions shown on template suit all functions. Backset depths are standard 60mm, 89mm and 127mm.

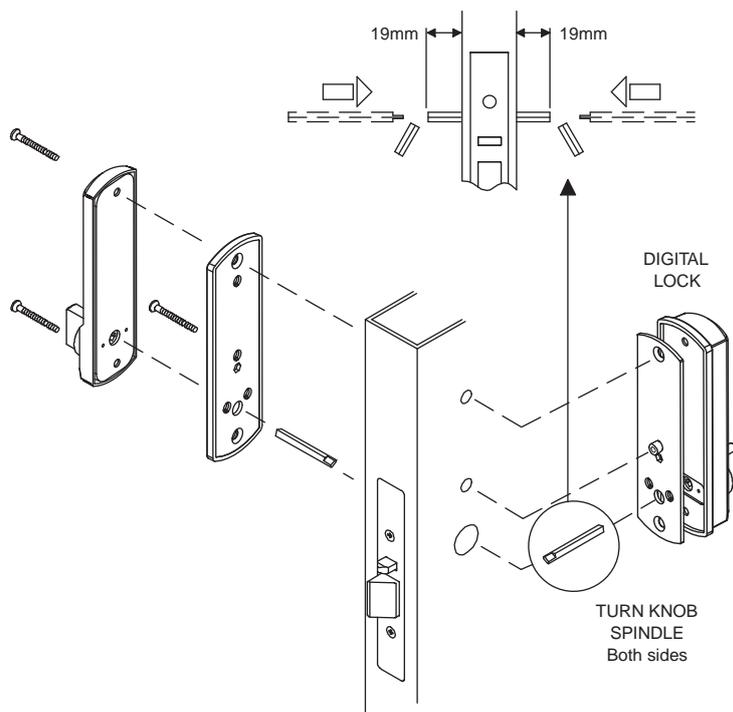
Note: For fire door applications, keypad must be fitted without rubber mounting pad.

1

INSTALL DIGITAL LOCK

INSTALL DIGITAL LOCK, BOTH SIDES

1. Insert blade end of turn knob spindles into turn knob adaptor and cut turn knob spindles to length (19mm from Door Face). Insert spindles into digital lock drive gear with blade end facing out.
2. Fit digital lock to outside door face, with turn knob spindle engaged in turn knob adaptor. Fit mounting plate to inside of door and fit with one screw. Attach inside Digital lock (with spindle attached) using two screws. **NOTE:** Cut all screws as required.

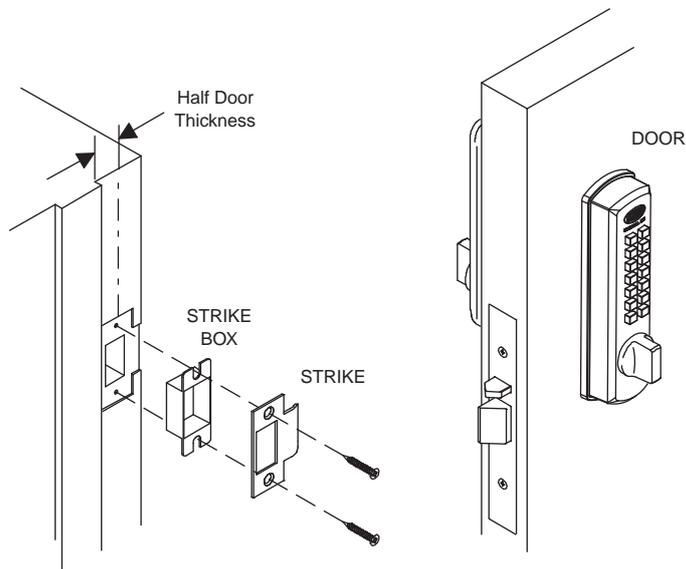


2

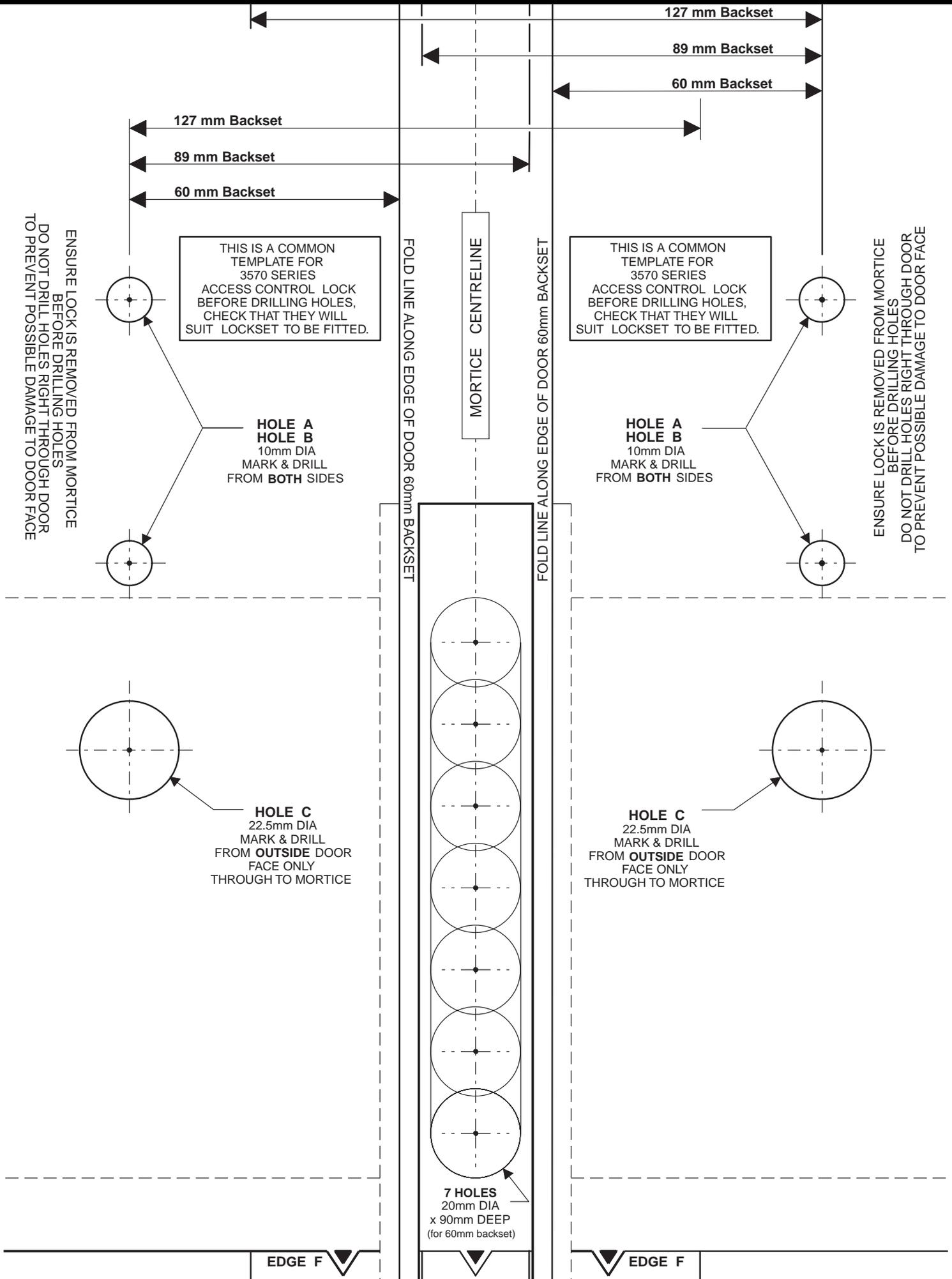
MOUNTING STRIKE

MOUNTING STRIKE

1. Mark strike position in jamb edge directly opposite latch bolt. Mark out door frame for strike.
2. Mortice door frame for strike box and strike. Bolt recess to be 15mm Deep in door frame.
3. Screw strike and strike box to door frame with two screws supplied.



3570 SERIES MECHANICAL DIGITAL LOCKS



3580 SERIES MECHANICAL DIGITAL LOCKS FOR METAL DOORS

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

All Lockwood 3580 Series Mechanical Digital Locks are to be mounted in accordance with these instructions.
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.

TYPE OF LOCK OPERATIONS

STANDARD

Opened from outside by entering correct code and rotating turn knob. On releasing turnknob the code is automatically cancelled. Open from inside by handle at all times.

HOLD BACK CYLINDER

OPENED FROM OUTSIDE :

By entering correct code and rotating turn knob. On releasing turn knob the code is automatically cancelled. To apply HOLD - BACK insert key into interior cylinder and rotate one full turn, withdraw key.

OPENED FROM INSIDE :

By handle at all times.

HAND OF LOCK

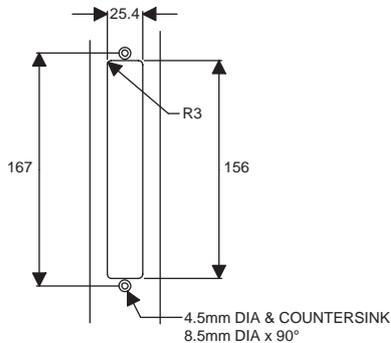
BOLT

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

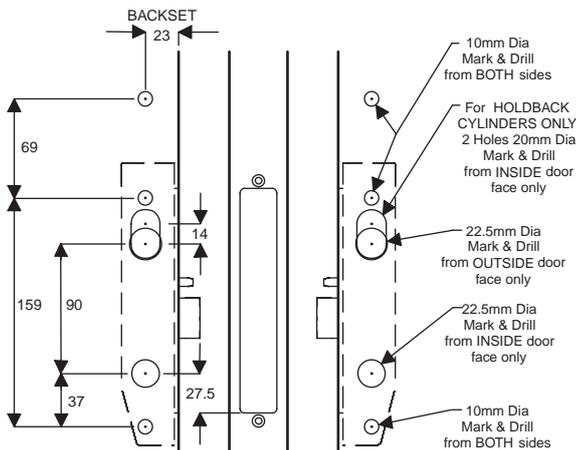
1 PREPARE LOCK

PREPARE DOOR FOR LOCK

- Establish height that lockset will be on door and mark centreline of door thickness on door edge.
- Cut cover plate window 156mm x 25.4mm with 3mm radii.
- Place template in opening and drill 2 holes 4.5mm diameter and countersink 8.5mm diameter x 90°.



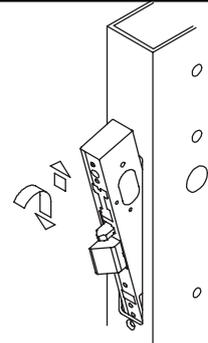
- Drill appropriate holes to suit lockset to be fitted. Dimensions shown suit all functions. Note 23mm standard backset shown, others include 25.4mm, 30mm and 38mm.



2 FITTING LOCK

FIT LOCK TO DOOR

- Insert lock into door and secure with 2 screws.



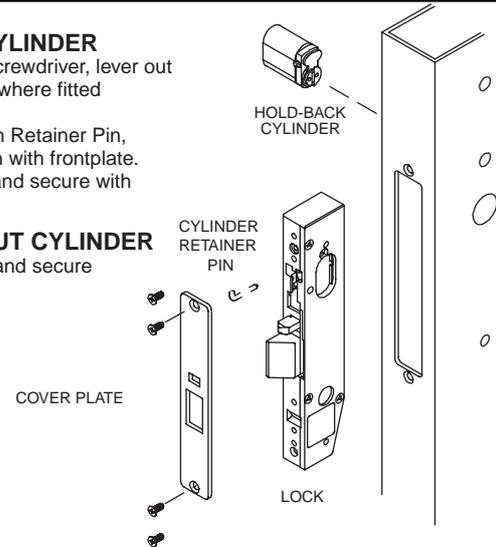
3 INSTALLING COVER PLATE

HOLD BACK CYLINDER

- Using a small flat screwdriver, lever out Cylinder Hole Plug where fitted and insert cylinder.
- Secure cylinder with Retainer Pin, ensuring pin is flush with frontplate.
- Install Cover plate and secure with 2 screws.

LOCKS WITHOUT CYLINDER

- Install Cover Plate and secure with 2 screws.

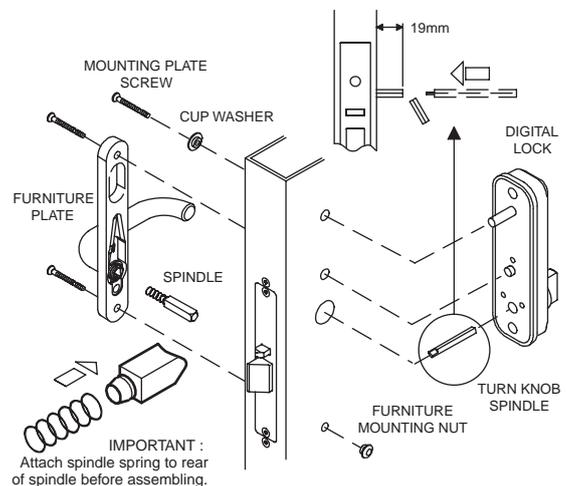


4 INSTALL DIGITAL LOCK

INSTALL DIGITAL LOCK AND FURNITURE

- Insert blade end of turn knob spindle into turn knob adaptor and cut turn knob spindle to length (19mm from Door Face). Insert spindle into digital lock drive gear with blade end facing out.
- Fit digital lock to outside door face, with turn knob spindle engaged in turn knob adaptor. Secure using either short or long mounting plate screw through cup washer and into top hole. Cut screw if required.
- Rotate Furniture handle to desired hand.
- Insert spindle into lock. Insert furniture plate to inside door face with lever spindle engaged in hub. Secure using furniture mounting screws. Bottom furniture screw to be located through mortice and into Furniture Mounting Nut.

NOTE : All SCREWS to be cut flush with door face.



3580 SERIES ACCESS CONTROL MOUNTING INSTRUCTIONS FOR METAL DOORS

30621_0705 Part No. 10000-1023

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

All Lockwood 3580 Series Mechanical Digital Locks are mounted in accordance with these instructions.
Important : Before drilling door ensure correct hand is being installed.

TYPE OF LOCK OPERATIONS

STANDARD

Opened from outside/inside by entering correct code and rotating turn knob.
On releasing turnknob the code is automatically cancelled.

NOTE : For INWARD opening doors of 23mm and 25.4mm Backset, the door stop must be removed to clear digital lock.

HAND OF LOCK

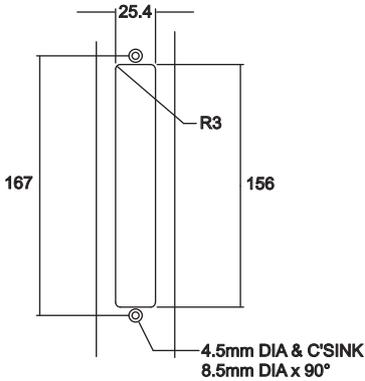
BOLT

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

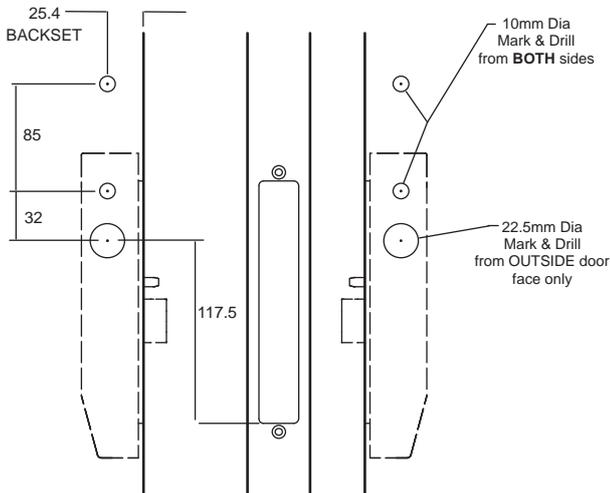
1 PREPARE DOOR

PREPARE DOOR FOR LOCK

- Establish height that lockset will be on door.
- Cut COVER PLATE window 156mm x 25.4mm with 3mm radii.
- Place template in opening and drill 2 holes 4.5mm diameter and countersink 8.5mm diameter x 90°.



- Drill appropriate holes to suit lockset to be fitted. Dimensions shown suit all functions. Note 25.4mm standard backset shown, others include 30mm and 38mm.

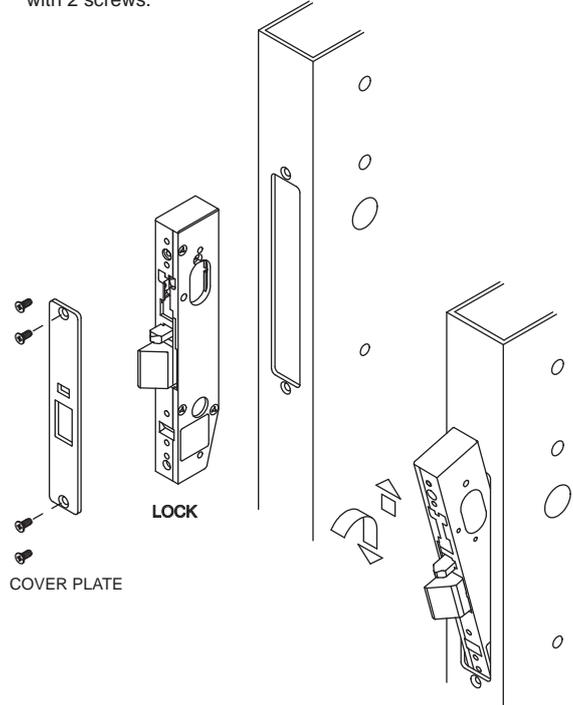


2

FIT LOCK

FIT LOCK TO DOOR

- Insert lock into door and secure with 2 screws.



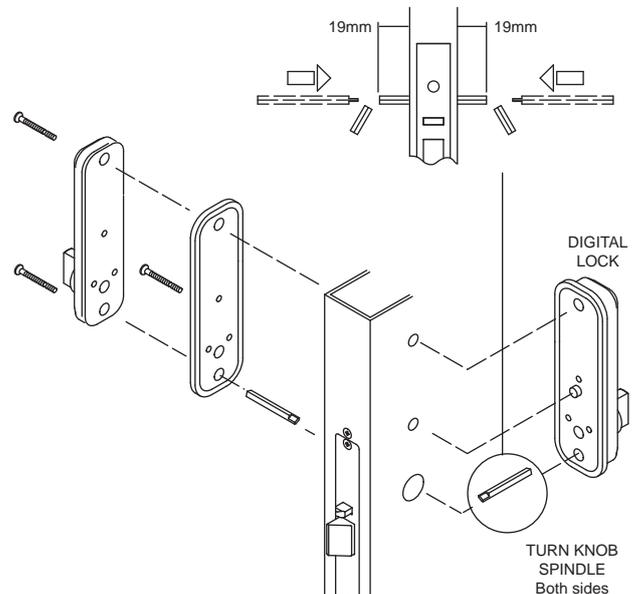
- Install Cover Plate and secure with 2 screws.

3

INSTALL LOCK

INSTALL DIGITAL LOCK, BOTH SIDES

- Insert blade end of turn knob spindle into turn knob adaptor and cut turn knob spindle to length (19mm from Door Face). Insert spindle into digital lock drive gear with blade end facing out.
 - Fit digital lock to outside door face, with turn knob spindle engaged in turn knob adaptor.
- Fit mounting plate to inside of door and fit with one screw. Attach inside Digital lock (with spindle attached) using two screws.
NOTE: Cut all screws as required.

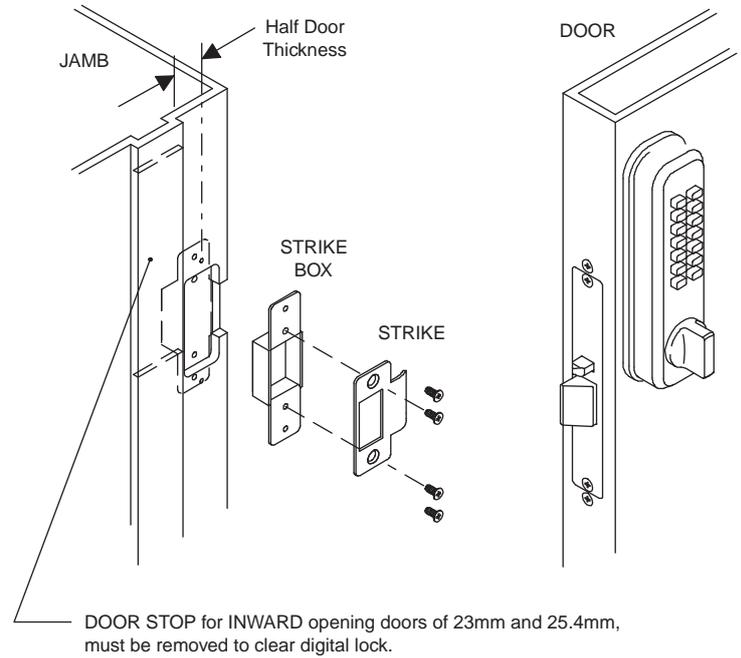
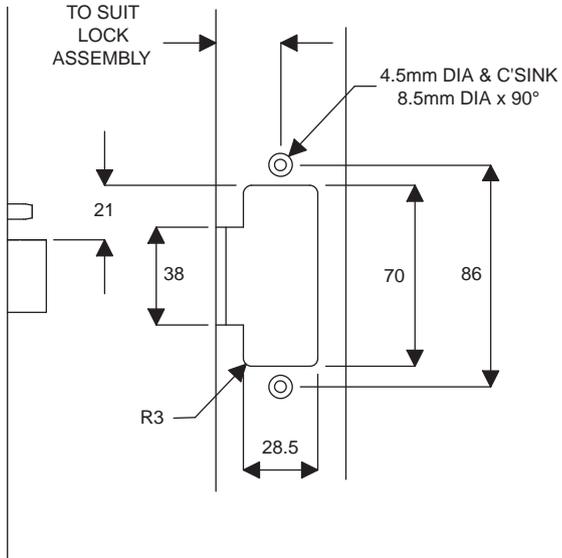


4

INSTALL STRIKE

INSTALL STRIKE

1. Prepare Door Jamb Cutout.
2. Fit Strike Box internally to frame and secure with 2 screws.
3. Fit Strike to Strike Box and secure with 2 screws.



Note: For fire door applications, keypad must be fitted without rubber mounting pad.

Disclaimer

Whilst every effort has been made to ensure that the information contained in this manual is accurate at the time of publication, ASSA ABLOY Australia Pty Limited ("ASSA ABLOY") recommends that you consult ASSA ABLOY or its agents prior to placing an order to ascertain current information on specific products, as ASSA ABLOY reserves the right to make changes without notice. ASSA ABLOY will not be liable for any injury, loss or damage whatsoever, arising from any errors or omissions in the information contained in the manual or arising from the use or application of the information contained herein.

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