

DX Mechanical Digital Door Locks Service Manual



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LOCKWOOD

ASSA ABLOY

25YEAR

**MECHANICAL
WARRANTY**

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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

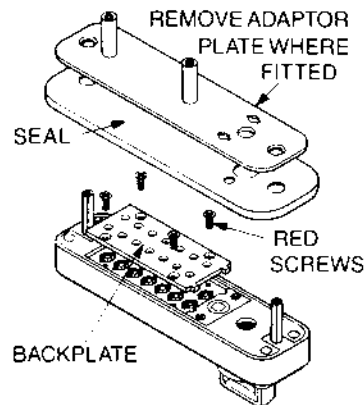
FIVE DIGIT CODE - C 897YZ

SIX DIGIT CODE - C 01349X

STEP 2:

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

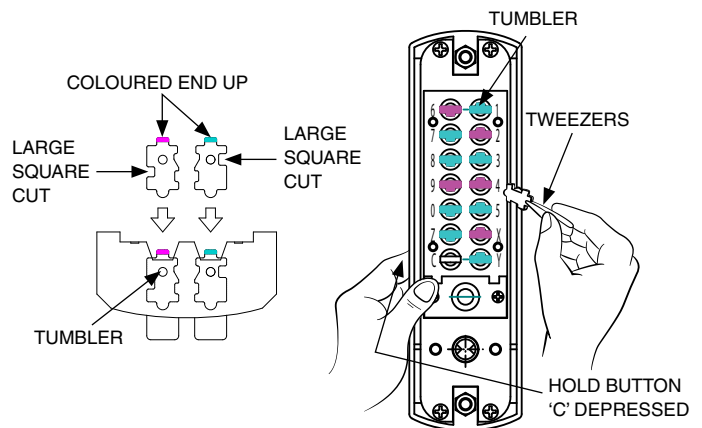
- (a) Remove adaptor plate. (where fitted)
- (b) Remove four red screws and carefully remove backplate.



STEP 3:

SETTING YOUR NEW CODE:

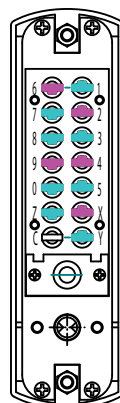
- (a) Hold button 'C' depressed on front face while repositioning tumblers.
- (b) Using tweezers supplied, reposition RED and BLUE tumblers as follows: RED TUMBLERS are located in holes corresponding to new code. Insert one red tumbler for each digit in the code. e.g. a four digit code requires four 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 SPDX-42
BLUE SPDX-43



ASSA ABLOY



DX Mechanical Digital Locks

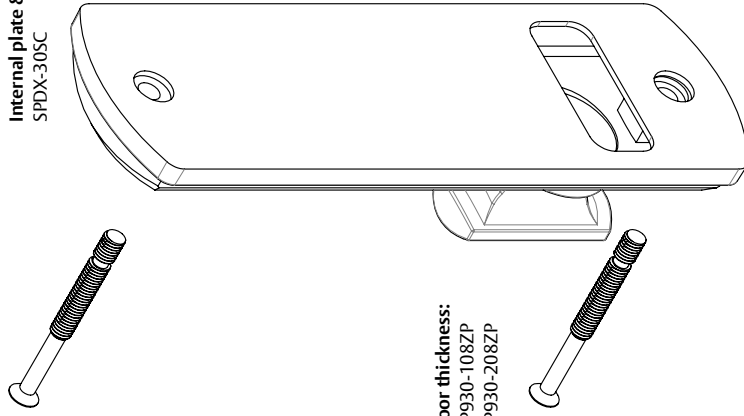
530 DX Mechanical Digital Locks

530 DX Mechanical Digital Locks

Orderable Locks

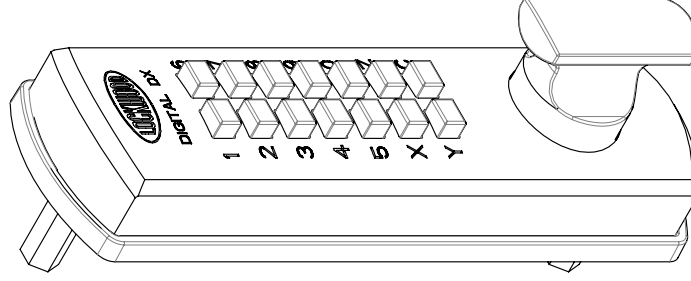
530DXSC	DX Digital 530 Latch Trade Pack
530DXPB	DX Digital 530 Latch Trade Pack
530DXSCDP	DX Digital 530 Latch Display Pack
530DXPBDP	DX Digital 530 Latch Display Pack

Internal plate & gasket
SPDX-30SC

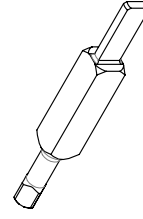


Fixing screw Door thickness:
33 to 45mm: SP930-108ZP
46 to 65mm: SP930-208ZP

Code pad and gasket
SPDX-20SC

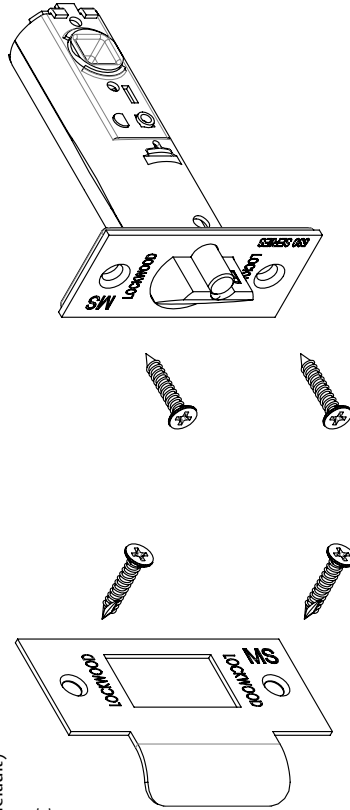


Spindle Door thickness:
33 to 45mm: SP10000-127ZP (default)
46 to 55mm: SP10000-627ZP
56 to 65mm: SP10000-727ZP

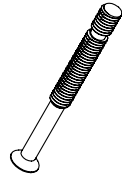


Latch and Strike Kits

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

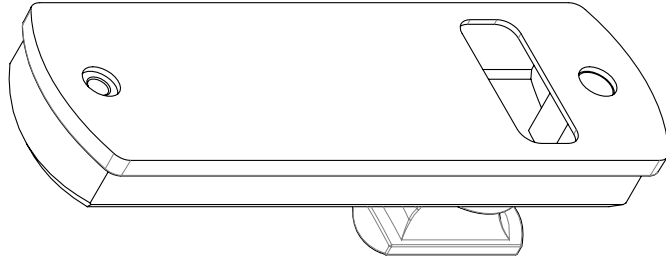


530 DX Mechanical Digital Locks - Two Pads

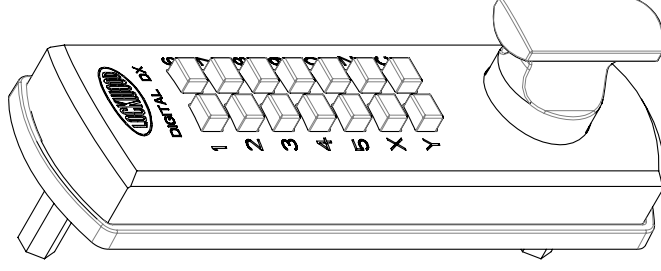


Fixing Screws Door thickness:
 33 to 45mm: SP930-108ZP
 46 to 65mm: SP930-208ZP

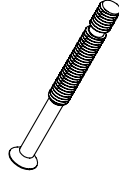
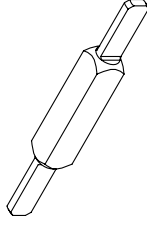
Internal Code Pad & gasket
 SPDx-220SC



External Code Pad & gasket
 SPDx-205C

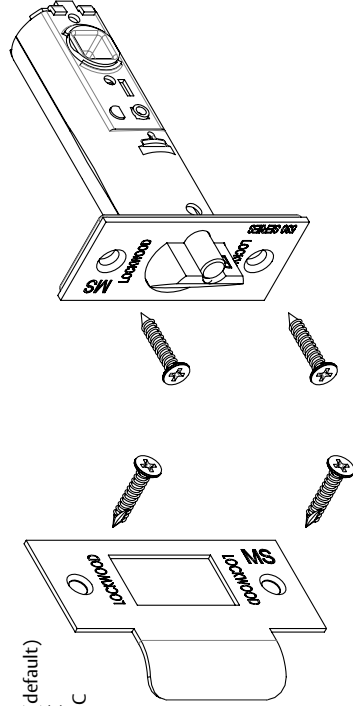


Spindles Door thickness:
 33 to 45mm: SP10000-1127ZP (default)
 46 to 55mm: SP10000-1227ZP



Latch and Strike Kits

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

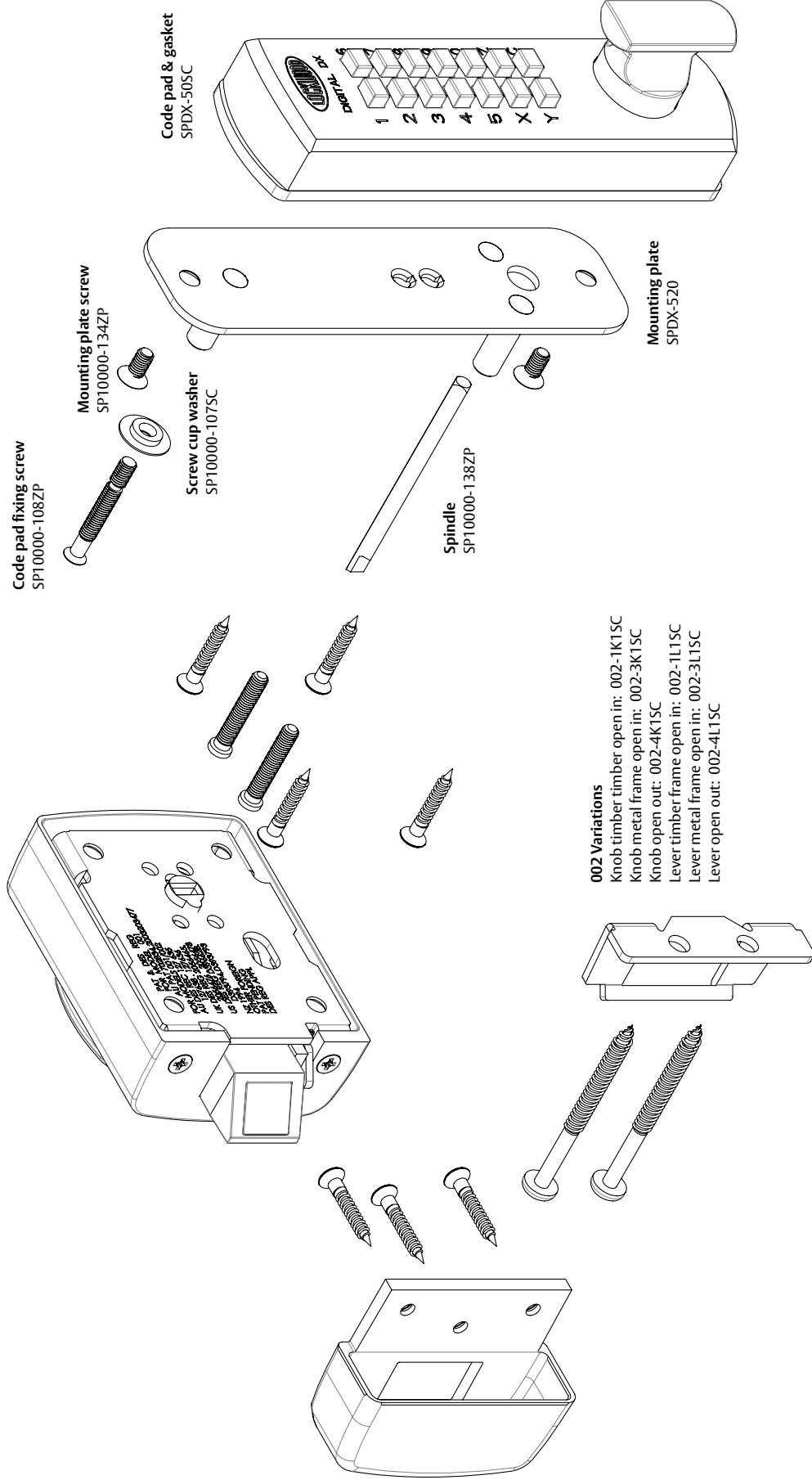


530 DX Mechanical Digital Locks - 2 Pads

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	DX Digital 002 Knob Timber Strike Trade Pack
002-3KDXSC	DX Digital 002 Knob Metal Frame Strike Trade Pack
002-4KDXSC	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

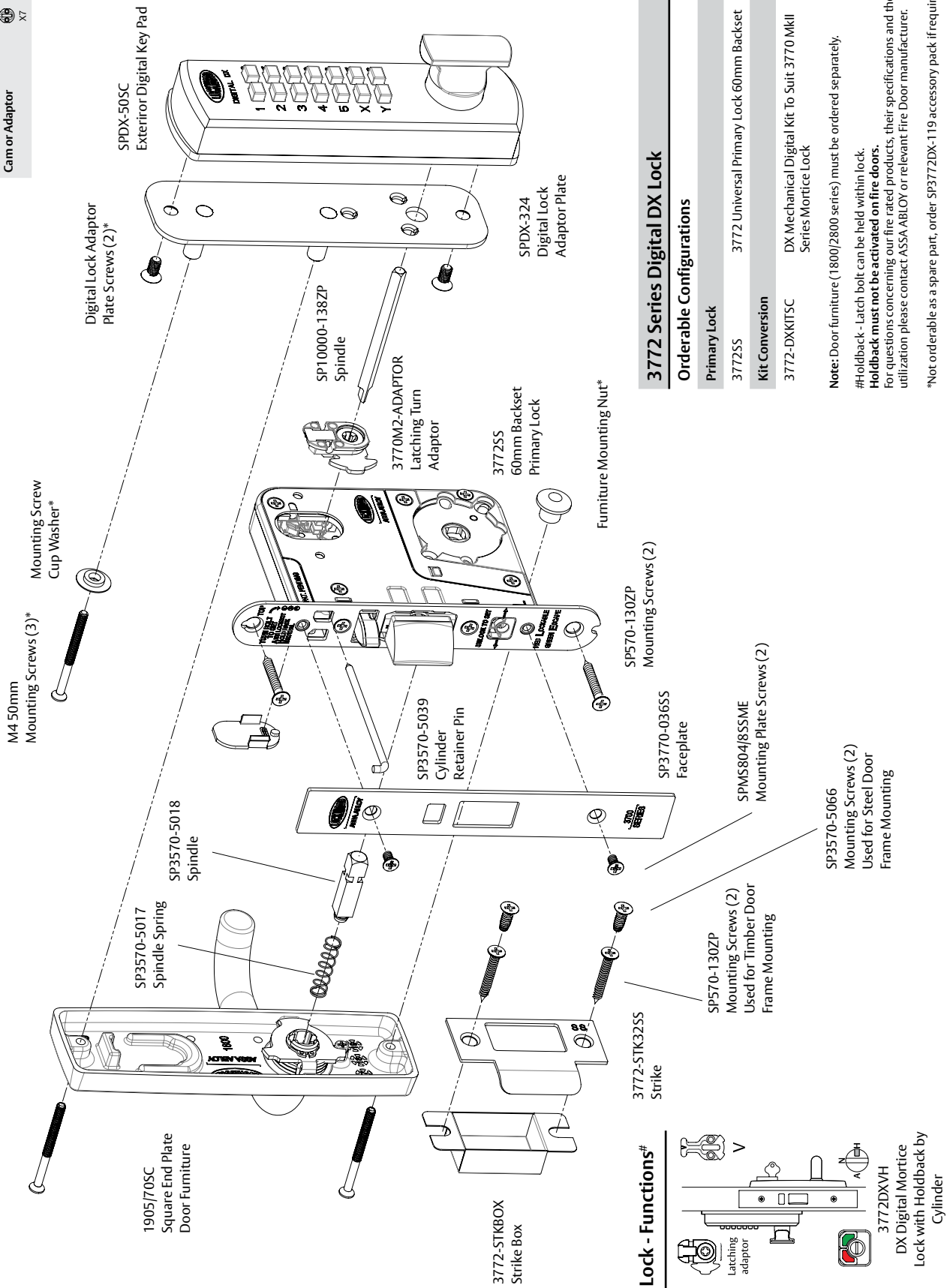
3772 Series Digital DX Lock

Legend

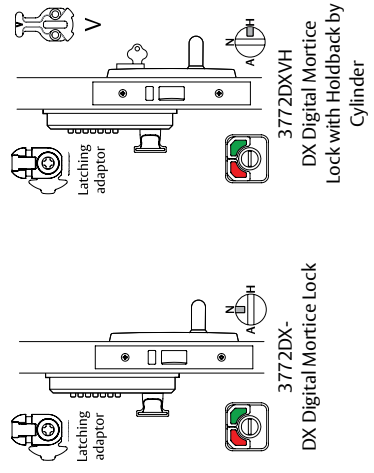
Hub Setting 

Lock Function Setting 

Cam or Adaptor 



3772 Series Digital DX Lock - Functions#



3772 Series Digital DX Lock

Orderable Configurations

Primary Lock	3772SS	3772 Universal Primary Lock 60mm Backset
Kit Conversion	3772-DXKITSC	DX Mechanical Digital Kit To Suit 3770 MKII Series Mortice Lock


Note: Door furniture (1800/2800 series) must be ordered separately.


#Holdback - Latch bolt can be held within lock. **Holdback must not be activated on fire doors.** For questions concerning our fire rated products, their specifications and their utilization please contact ASSA ABLOY or relevant Fire Door manufacturer.


*Not orderable as a spare part, order SP3772DX-119 accessory pack if required.

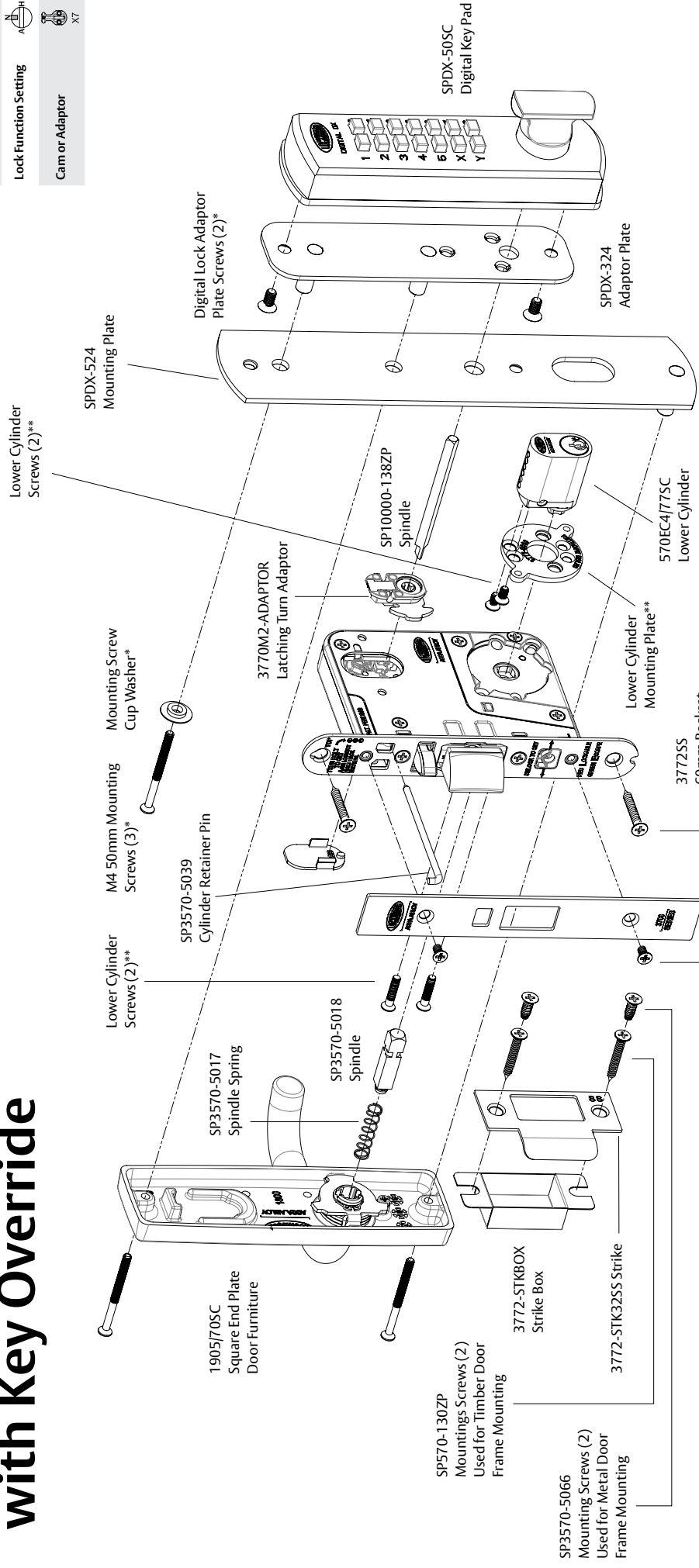
3772 Series Digital DX Lock with Key Override

Legend

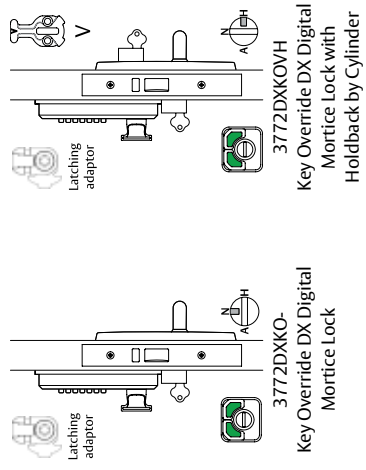
Hub Setting 

Lock Function Setting 

Cam or Adaptor 



3772 Series Digital DX Lock with Key Override - Functions#



3772 Series Digital DX Lock with Key Override


Orderable Configurations


Primary Lock	3772SS	3772 Universal Primary Lock 60mm Backset
Kit Conversion	3772-DXKOKITSC	DX Mechanical Digital Kit Key Override to Suit 3770 MkII Series Mortice Lock


Note: Door furniture (1800/2800 series) and lower cylinder must be ordered separately.
 #Holdback - Latch bolt can be held within lock. **Holdback must not be activated on fire doors.**
 For questions concerning our fire rated products, their specifications and their utilization please contact ASSA ABLLOY or relevant Fire Door manufacturer.
 **Not orderable as a spare part, order SP3772DX-119 accessory pack if required.
 ***Not orderable as a spare part, order 3777-KIT if required.

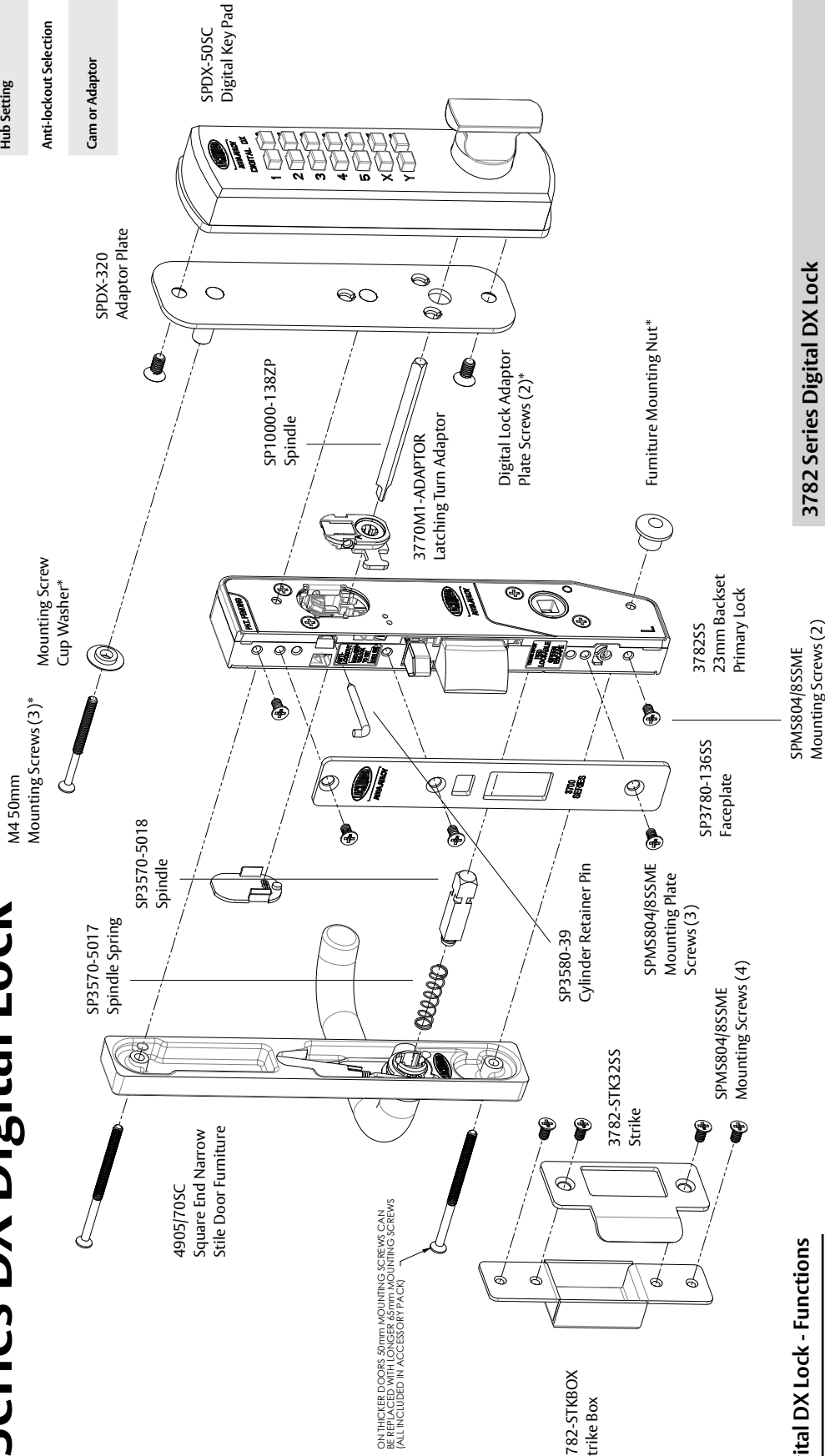
3782 Series DX Digital Lock

Legend

Hub Setting 

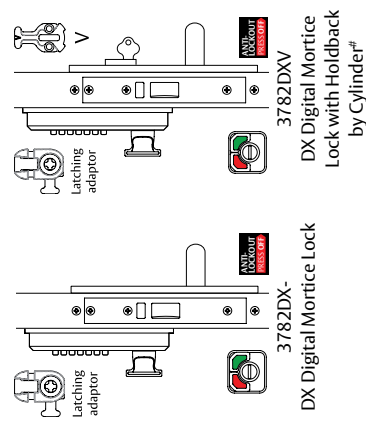
Anti-lockout Selection 

Cam or Adaptor 



ON THICKER DOORS 50mm MOUNTING SCREWS CAN BE REPLACED WITH LONGER 65mm MOUNTING SCREWS (ALL INCLUDED IN ACCESSORY PACK)

3782 Series Digital DX Lock - Functions



3782 Series Digital DX Lock

Orderable Configurations

Primary Lock	
3782SS	3782 Universal Primary Lock 23mm Backet
Kit Conversion	
3782-DXKITSC	DX Mechanical Digital Kit To Suit 3780 Series Mortice Lock

Note: Door furniture (4800/5800 series) must be ordered separately.

*Not orderable as a spare part, order SP3772DX-119 accessory pack if required.

#Holdback - Latch bolt can be held within the lock. Lock function recommended for use in holdback application.

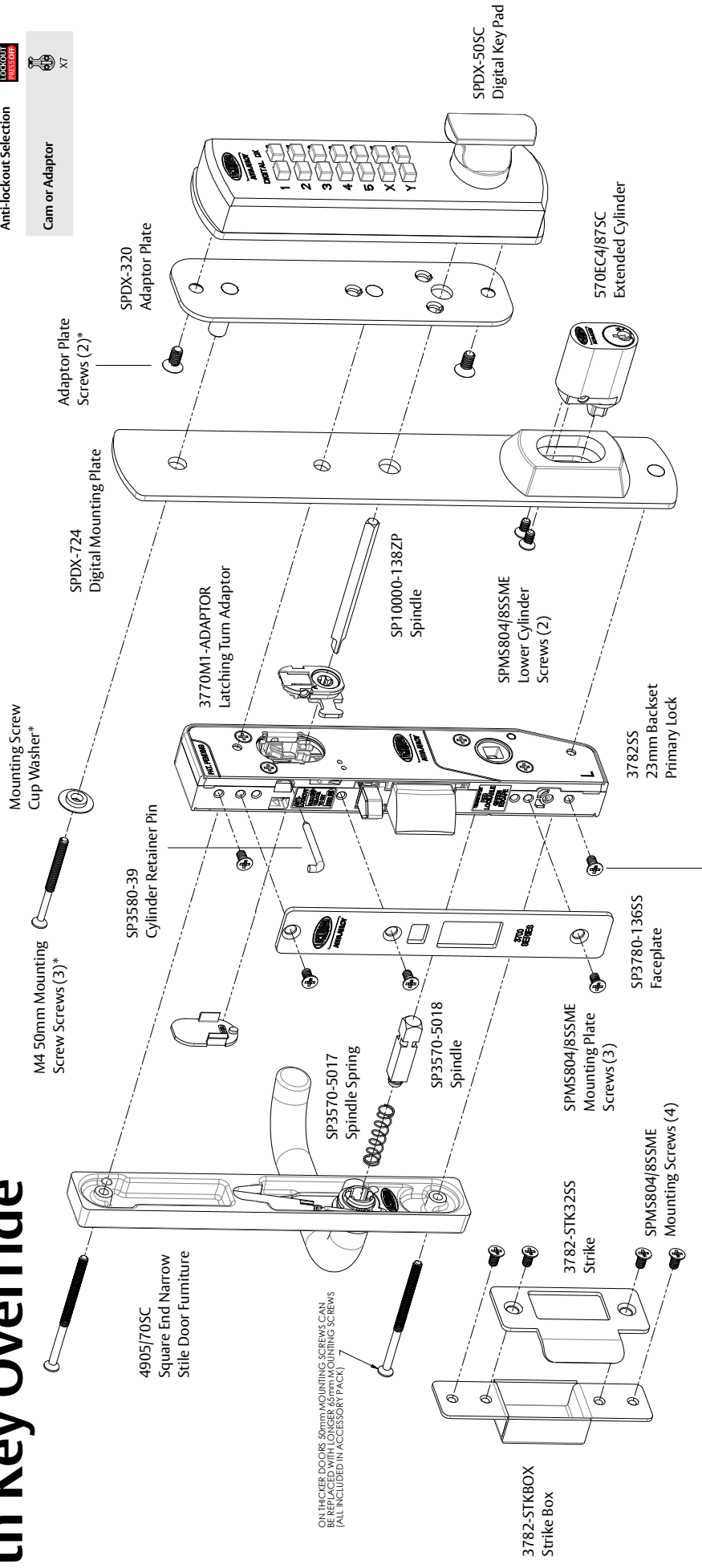
3782 Series DX Digital Lock with Key Override

Legend

Hub Setting

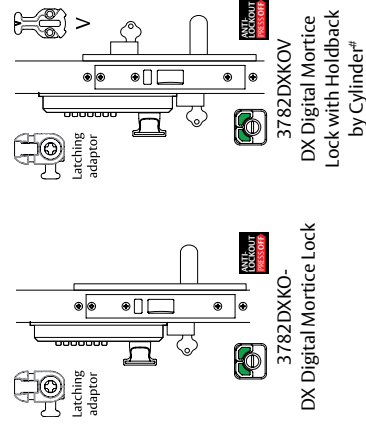
Anti-lockout Selection

Cam or Adaptor



ON THICKER DOORS, 50mm MOUNTING SCREWS CAN BE REPLACED WITH LONGER MOUNTING SCREWS (ALL INCLUDED IN ACCESSORY PACK)

3782 Series Digital DX Lock with Key Override - Functions



3782 Series Digital DX Lock with Key Override

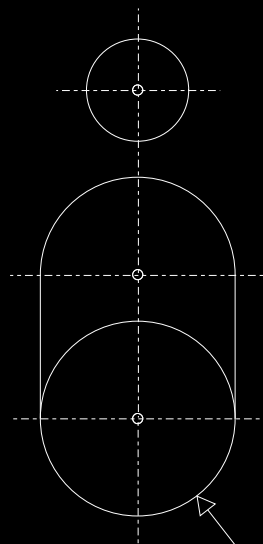
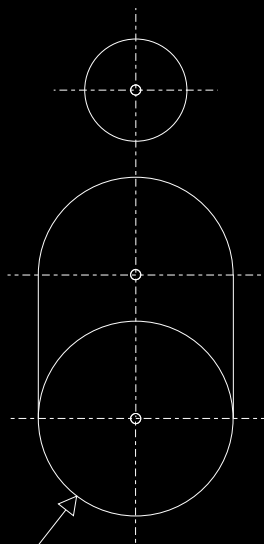
Orderable Configurations

Primary Lock	378255 3782 Universal Primary Lock 23mm Backset
Kit Conversion	3782-DXKOKITSC DX Mechanical Digital Kit Key O/Ride To Suit 3780 Series Mortise Lock

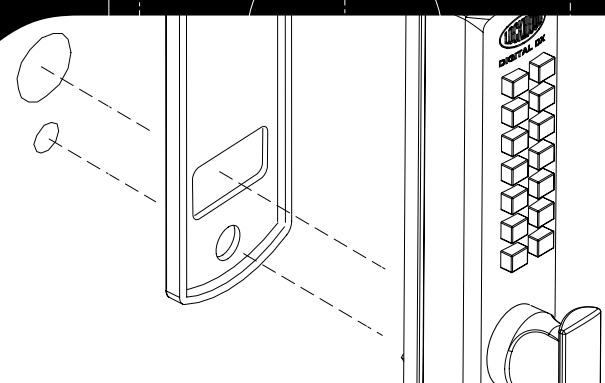
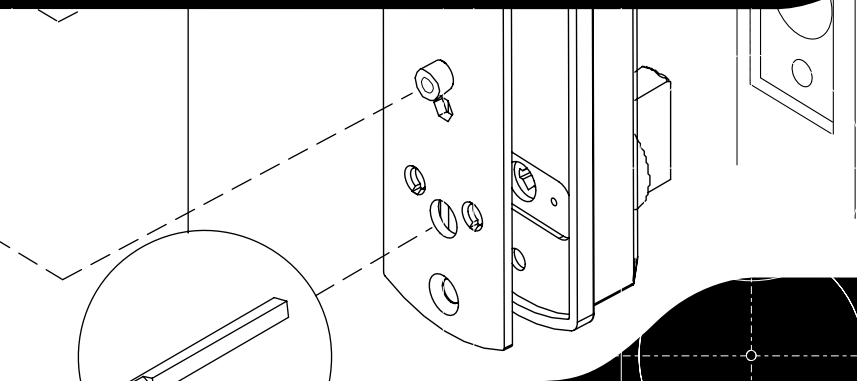
Note: Door furniture (4800/5800 series) and lower cylinder must be ordered separately. Digital DX Key Override Kit only suitable on doors 43-46mm thick.

*Not orderable as a spare part, order SP3772DX-119 accessory pack if required.

#Holdback - Latch bolt can be held within the lock. Lock function recommended for use in holdback application.

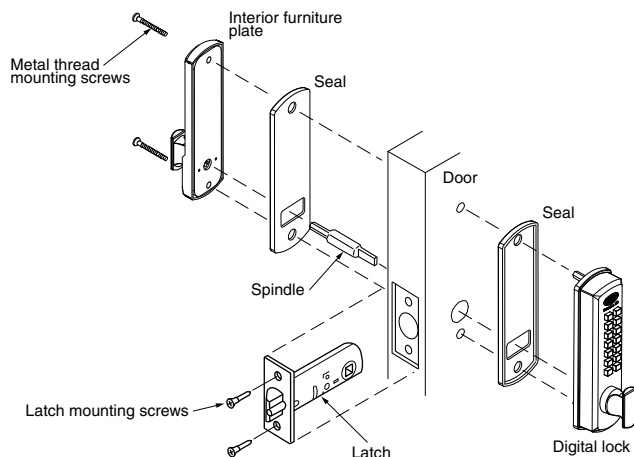


Mounting Instructions and Templates



ASSA ABLOY

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.

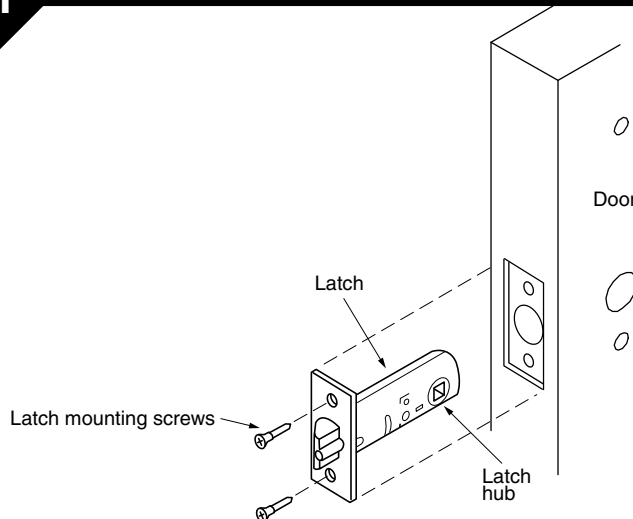
HOLLOW CORE DOORS: Mounting may be restricted by the size and position of the timber block within the door for lock mounting.

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.

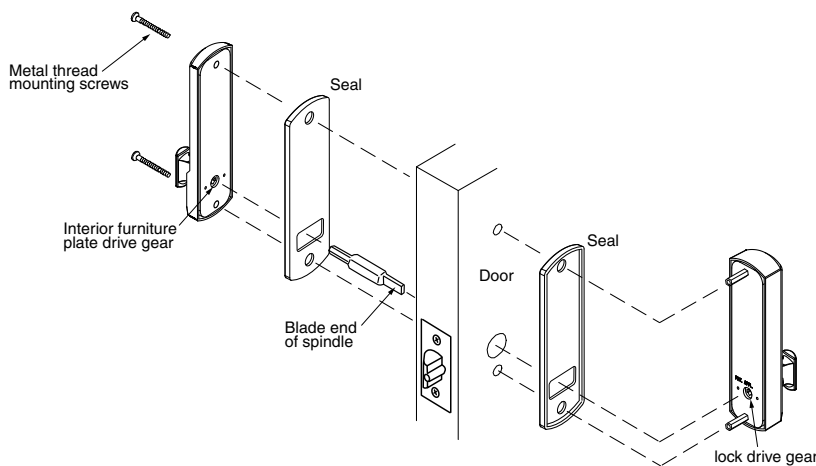
- Mark and drill holes as shown on template.
- Insert latch into hole in door edge and scribe around faceplate.
- Mortise 4mm ($\frac{5}{32}$ ") deep to accept latch faceplate.
- Pre-drill 2.5mm ($\frac{3}{32}$ ") to accept mounting screws and secure latch using woodscrews supplied.

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.

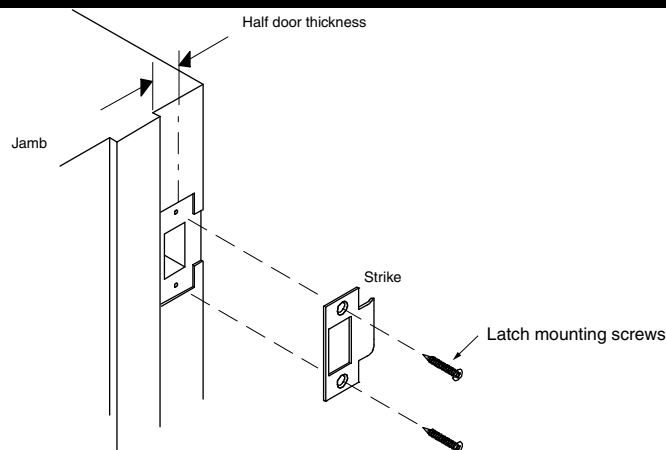


3

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

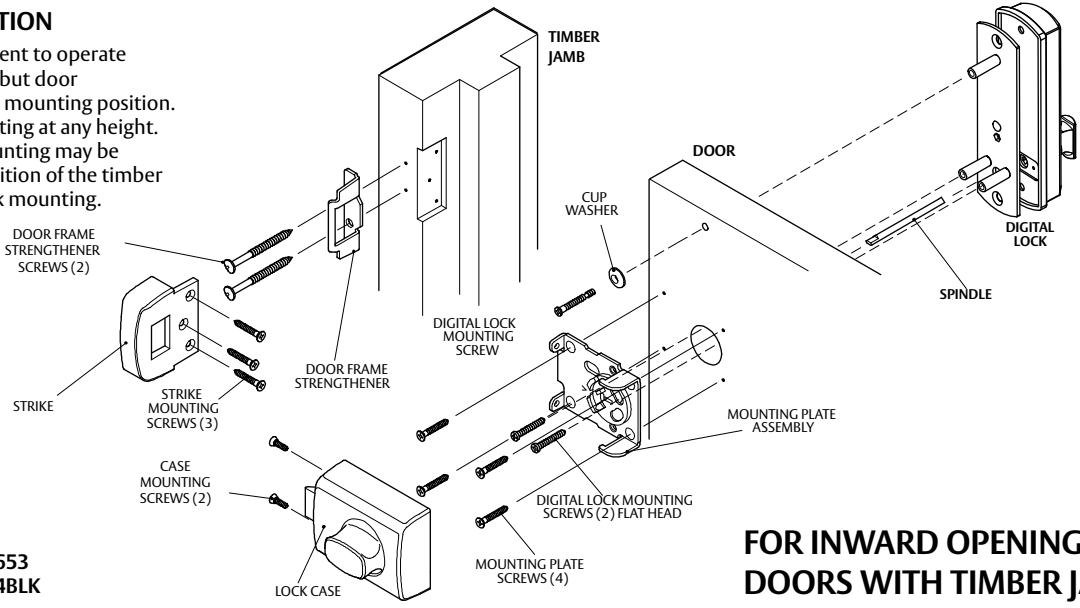
5065M 0612

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.

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

DRILL 2 HOLES 5mm Dia x 63mm Deep

Door Frame Strengthenener Template

FOLD LINE

TEAR OFF

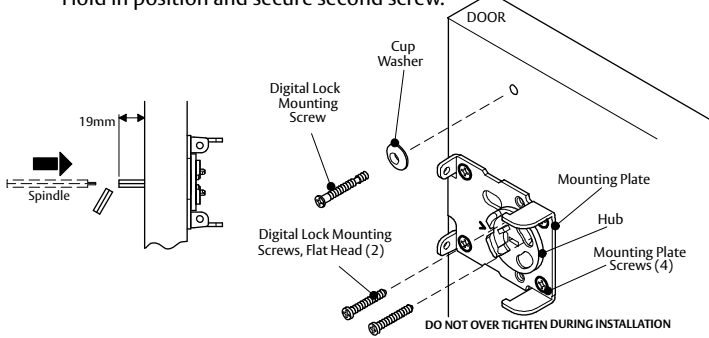
TEAR OFF

LINE A

DIGITAL DEADLOCK MOUNTING INSTRUCTIONS

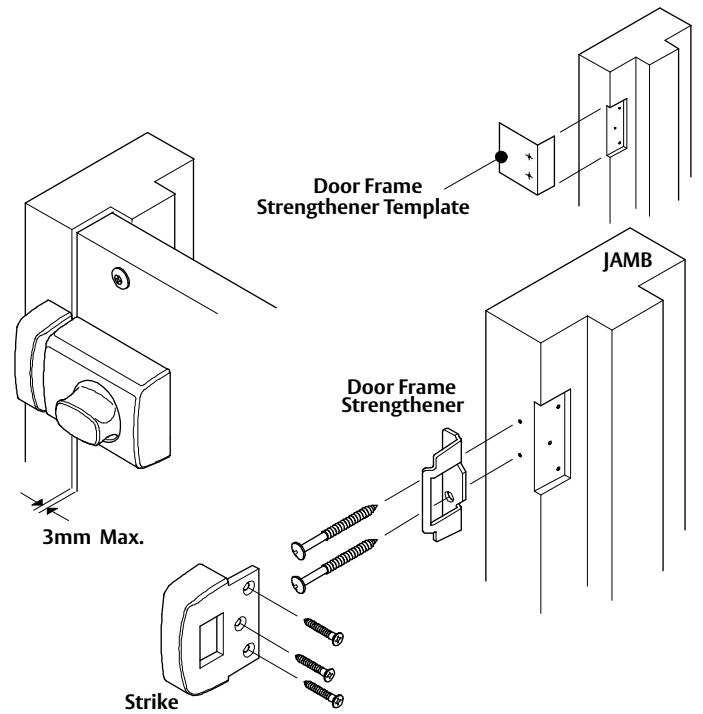
3 INSTALL DIGITAL LOCK & MTG PLATE

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 lock 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.



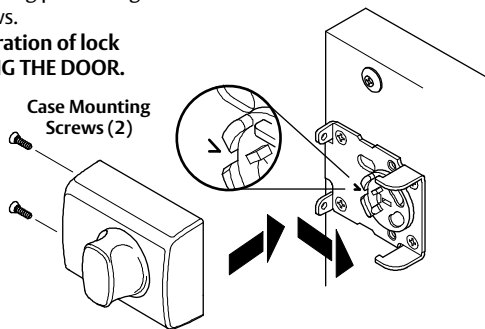
5 INSTALL FRAME STRENGTHENER & STRIKE

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.**



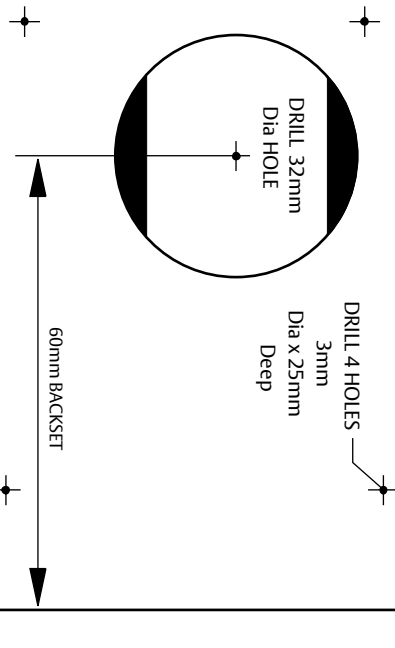
TEAR OFF

Door Frame Strengthener Template

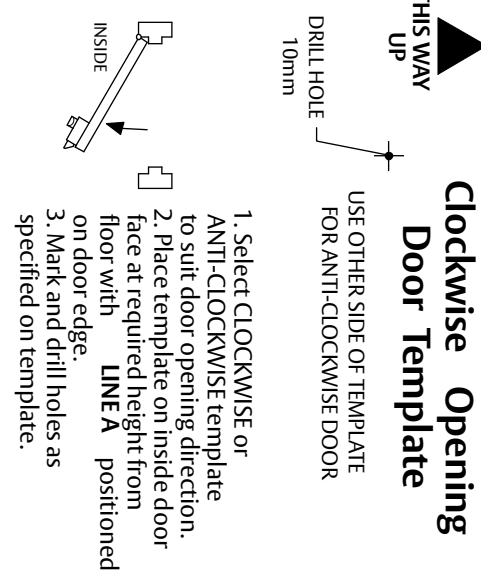
FOLD LINE

DRILL 2 HOLES
5mm Dia x 63mm Deep

TEAR OFF

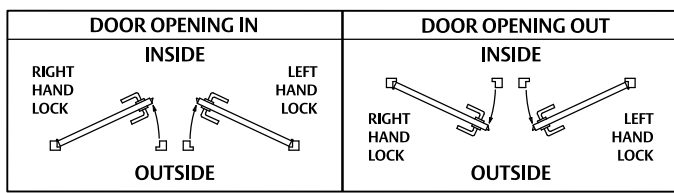


LINE A



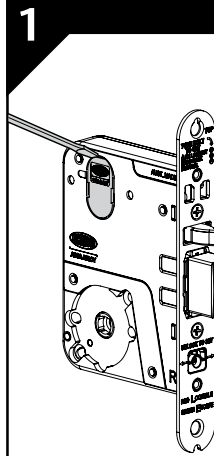
3772 MORTICE LOCK AND DX DIGITAL KIT MOUNTING INSTRUCTIONS FOR TIMBER DOORS

HAND OF DOOR ACCORDING TO ENGLISH PRACTICE



- Determine hand of lock required from chart above.
- Ensure only holes required by handing, function and furniture are cut into door.
- Disregard instructions referring to features not required.
- The lock is supplied in passage mode. The hold back and anti-lockout functions are de-activated.

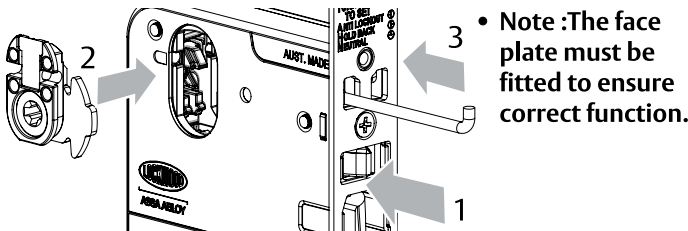
LOCK SETTING



- Where cylinders or turn knobs are required, remove the cylinder plugs from the lock using a small screwdriver.
- Set the required lock function as per **SETTING AND OPERATING INSTRUCTIONS** and the **FUNCTION CHART** on the reverse of this instruction.
- For holdback DX digital installations, refer to standard **MOUNTING INSTRUCTIONS** for cylinder installation instructions.

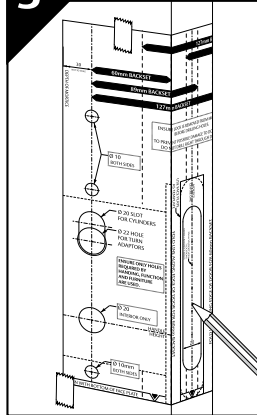
LATCHING ADAPTOR INSTALLATION

- Selector Series II mortice lock must use gold coloured latching adaptor.
- Depress the latch bolt, fit the latching adaptor.
- Secure by pressing in the cylinder retaining pin.



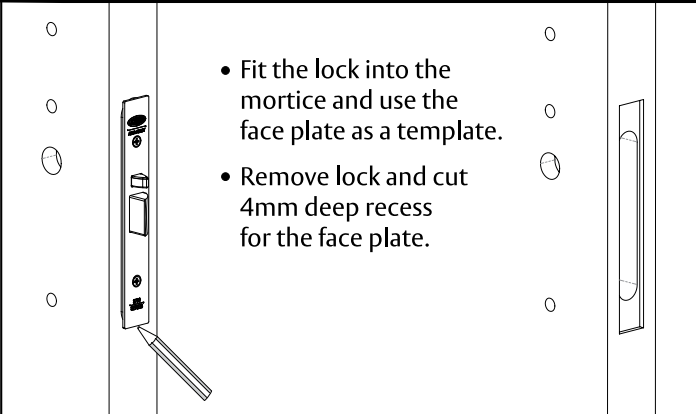
DOOR PREPARATION

- Establish height that lock will be on the door.
- Cut mortice in door as per sizes shown on template.
- Drill required furniture and DX code pad holes from both sides of door.



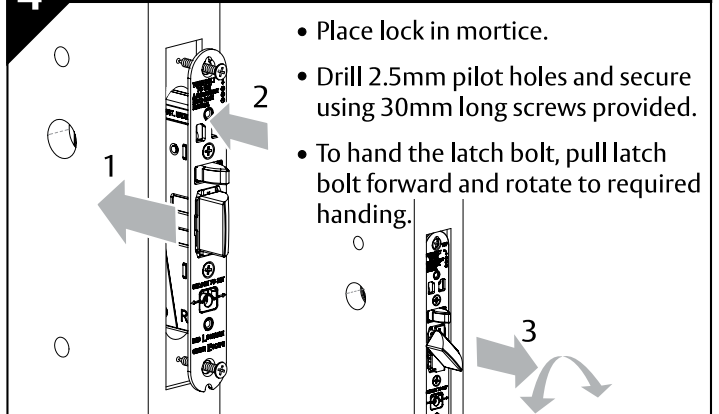
DOOR PREPARATION continued

- Fit the lock into the mortice and use the face plate as a template.
- Remove lock and cut 4mm deep recess for the face plate.



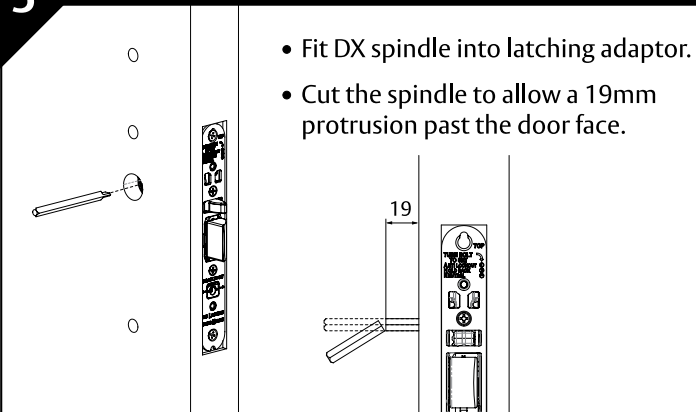
LOCK INSTALLATION

- Place lock in mortice.
- Drill 2.5mm pilot holes and secure using 30mm long screws provided.
- To hand the latch bolt, pull latch bolt forward and rotate to required handing.



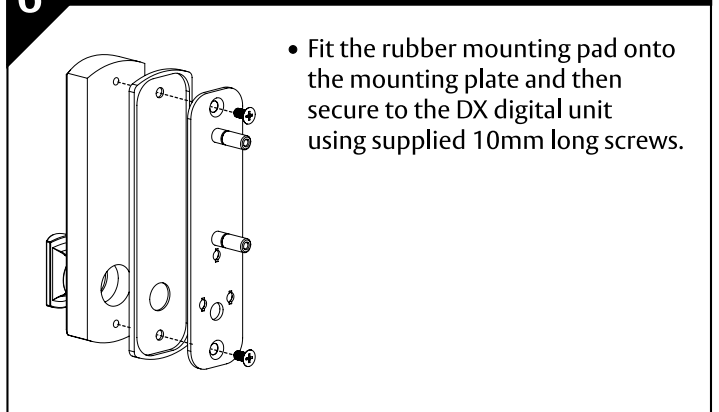
SPINDLE PREPARATION

- Fit DX spindle into latching adaptor.
- Cut the spindle to allow a 19mm protrusion past the door face.



RUBBER MOUNTING PAD INSTALLATION

- Fit the rubber mounting pad onto the mounting plate and then secure to the DX digital unit using supplied 10mm long screws.



3772 MORTICE LOCK AND DX DIGITAL KIT

MOUNTING INSTRUCTIONS FOR TIMBER DOORS

7 DX DIGITAL AND FURNITURE INSTALLATION

- Cut M4 screws to length.
 - (a) 2 screws @ *door thickness minus 3mm*.
 - (b) 1 screw @ *door thickness plus 10mm*.
- Place the DX digital onto the external side of the door, ensure the spindle is engaged in the DX digital handle.
- Fasten the DX digital using top screw (a) and cup washer.
- Fit the spindle, spring and internal furniture onto the internal side of the door.
- Fasten furniture using top furniture screw (a).
- Place furniture mounting nut on external side and secure with screw (b).
- **Note : The face plate must be fitted to ensure correct function.**

8 FACE PLATE INSTALLATION

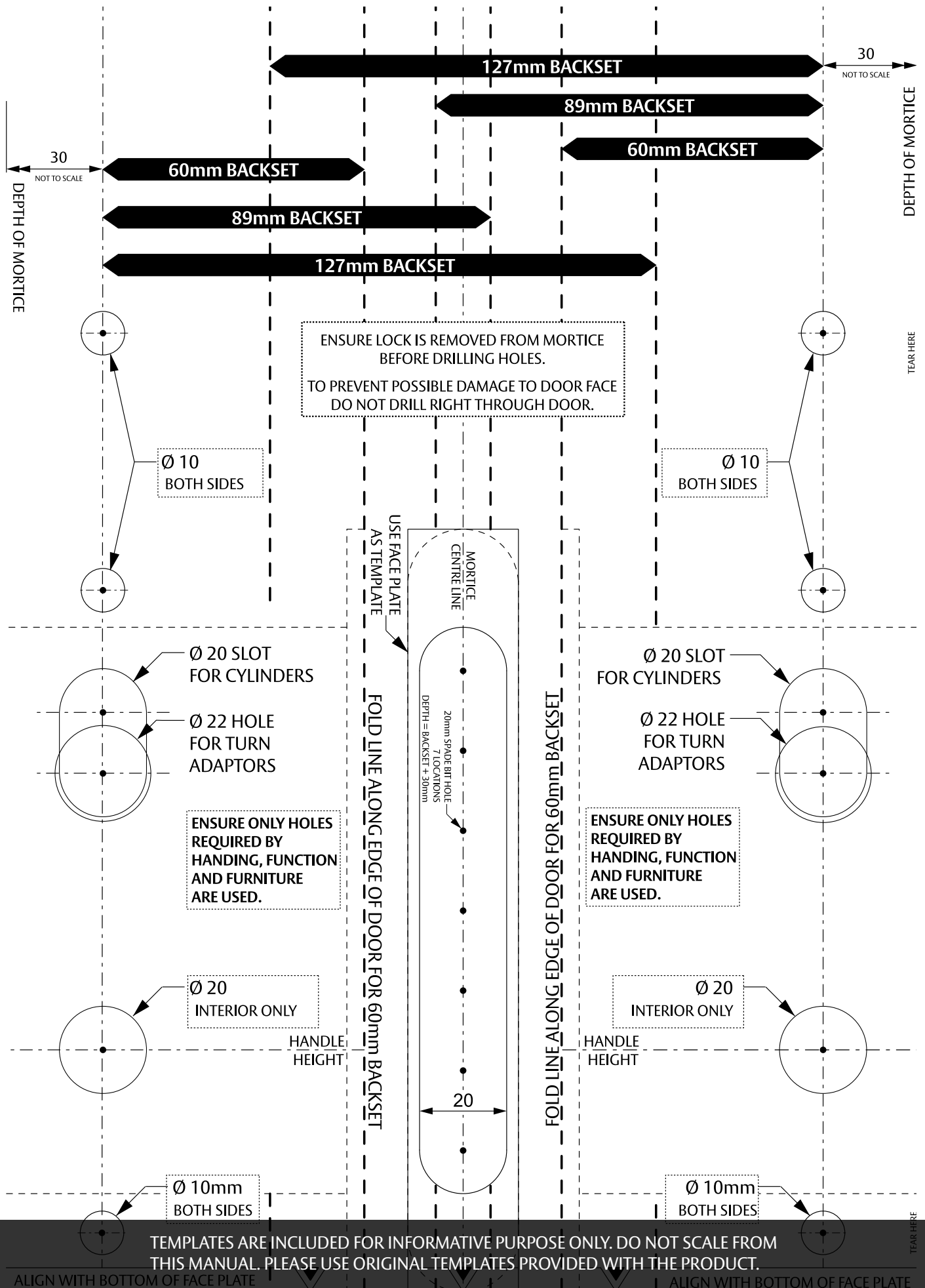
- Fit face plate onto lock using the supplied 8mm long screws.

9 STRIKE INSTALLATION

- Mark position of strike on door frame.
- Use strike and strike box as templates and then mortice door frame for strike.
- Install strike and strike box with mounting screws supplied.
 - Timber frames - Drill 2.5mm pilot holes and secure using 30mm long screws.
 - Metal frames - drill 4mm pilot holes and use 12mm long screws.

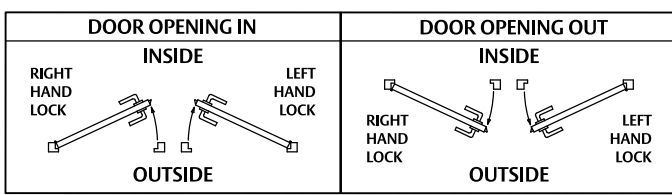
3772 MORTICE LOCK AND DX DIGITAL KIT

MOUNTING INSTRUCTIONS FOR TIMBER DOORS



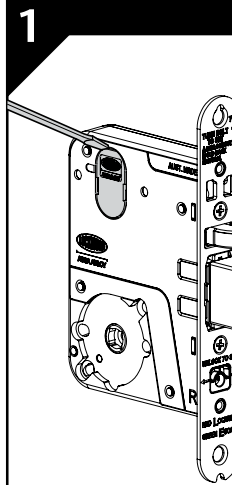
3772 MORTICE LOCK AND DX DIGITAL KEY OVERRIDE KIT MOUNTING INSTRUCTIONS FOR TIMBER DOORS

HAND OF DOOR ACCORDING TO ENGLISH PRACTICE



- Determine hand of lock required from chart above.
- Ensure only holes required by handing, function and furniture are cut into door.
- Disregard instructions referring to features not required.
- The lock is supplied in passage mode. The hold back and anti-lockout functions are de-activated.

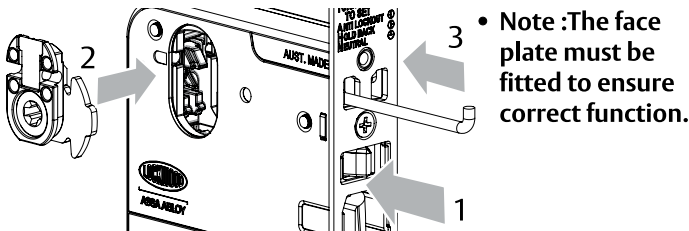
LOCK SETTING



- Where cylinders or turn knobs are required, remove the cylinder plugs from the lock using a small screwdriver.
- Set the required lock function as per **SETTING AND OPERATING INSTRUCTIONS** and the **FUNCTION CHART** on the reverse of this instruction.

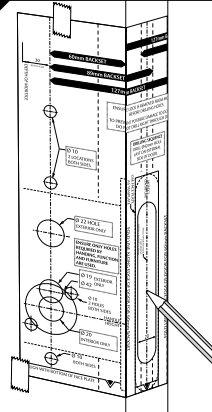
2 LATCHING ADAPTOR INSTALLATION

- Selector Series II mortice lock must use gold coloured latching adaptor.
- Depress the latch bolt, fit the latching adaptor.
- Secure by pressing in the cylinder retaining pin.



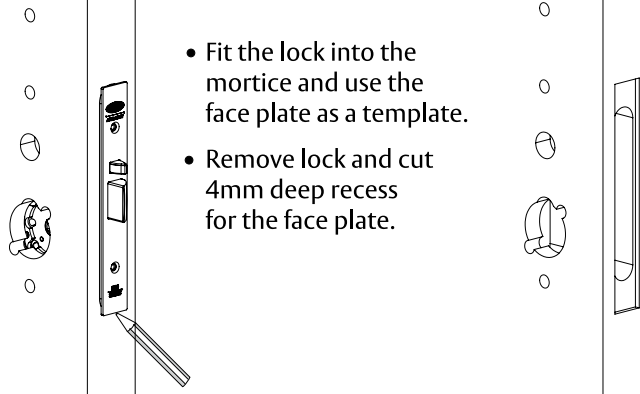
3 DOOR PREPARATION

- Establish height that lock will be on the door.
- Cut mortice in door as per sizes shown on template.
- Starting on the lower cylinder side, drill required furniture and DX code pad holes from both sides of door.



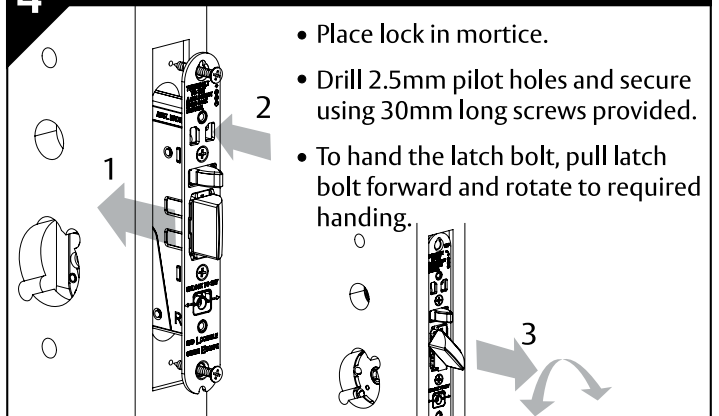
DOOR PREPARATION continued

- Fit the lock into the mortice and use the face plate as a template.
- Remove lock and cut 4mm deep recess for the face plate.



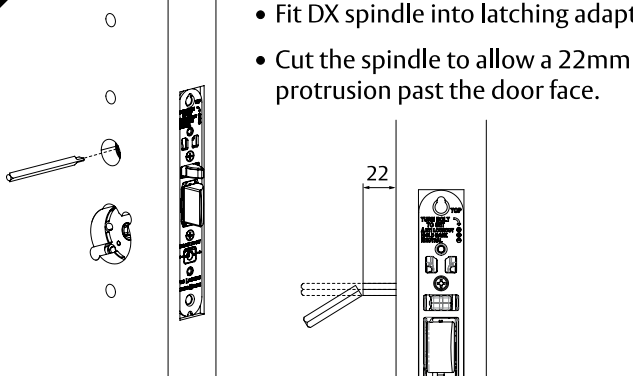
4 LOCK INSTALLATION

- Place lock in mortice.
- Drill 2.5mm pilot holes and secure using 30mm long screws provided.
- To hand the latch bolt, pull latch bolt forward and rotate to required handing.



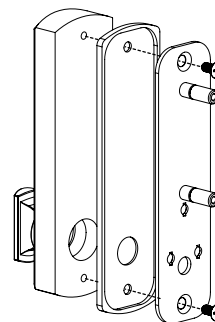
5 SPINDLE PREPARATION

- Fit DX spindle into latching adaptor.
- Cut the spindle to allow a 22mm protrusion past the door face.



6 RUBBER MOUNTING PAD INSTALLATION

- Fit the rubber mounting pad onto the mounting plate and then secure to the DX digital unit using supplied 10mm long screws.



3772 MORTICE LOCK AND DX DIGITAL KEY OVERRIDE KIT

MOUNTING INSTRUCTIONS FOR TIMBER DOORS

7 LOWER CYLINDER PREPARATION

- Fit spindle to cylinder using cylinder cam screws.
- Fit cylinder to lower cylinder plate using supplied 8mm long screws.

Note : Lower 'ear' of the lower cylinder plate should point towards the door hinge.

8 LOWER CYLINDER INSTALLATION

- Place lower cylinder assembly into lock and secure with supplied 19mm long screws from opposite side of door.

9 DX DIGITAL AND FURNITURE INSTALLATION

- Cut 3 screws to a length of **door thickness minus 3mm**.
- Fit the spindle, spring and internal furniture onto the internal side of the door.
- Place the black mounting plate onto the external side of the door and secure with the lower furniture screw.
- Place the DX digital onto the external side of the door, ensure the spindle is engaged in the DX digital handle.
- Fasten furniture using top screw.
- Fasten the DX digital using the top screw and cup washer.
- **Note :** The face plate must be fitted to ensure correct function.

10 FACE PLATE INSTALLATION

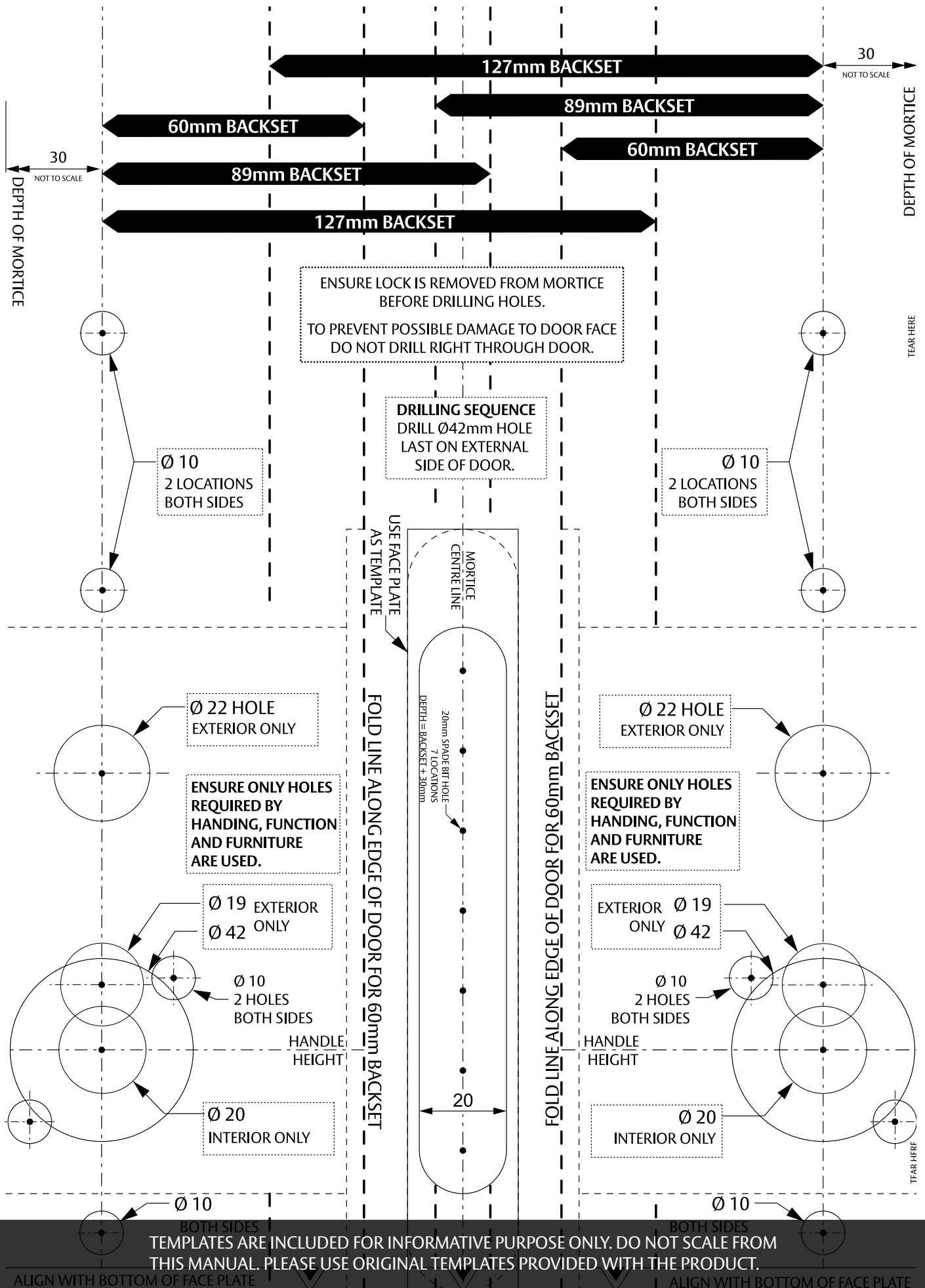
- Fit face plate onto lock using the supplied 8mm long screws.

11 STRIKE INSTALLATION

- Mark position of strike on door frame.
- Use strike and strike box as templates and then mortise door frame for strike.
- Install strike and strike box with mounting screws supplied.
 - Timber frames - Drill 2.5mm pilot holes and secure using 30mm long screws.
 - Metal frames - drill 4mm pilot holes and use 12mm long screws.

3772 MORTICE LOCK AND DX DIGITAL KEY OVERRIDE KIT

MOUNTING INSTRUCTIONS FOR TIMBER DOORS

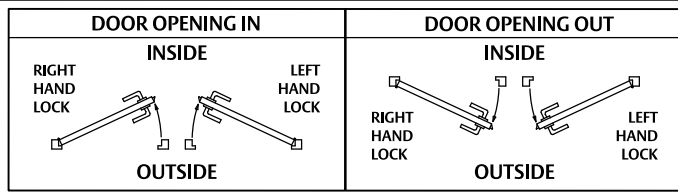


3782 MORTICE LOCK AND DX DIGITAL KIT

MOUNTING INSTRUCTIONS FOR ALUMINIUM DOORS

P/No. 3782DX-121_01/16

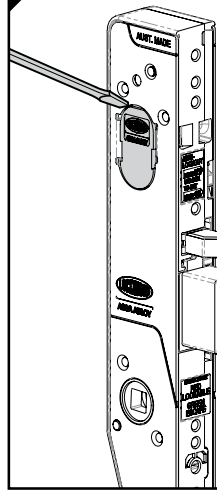
HAND OF DOOR ACCORDING TO ENGLISH PRACTICE



- Determine hand of lock required from chart above.
- Ensure only holes required by handing, function and furniture are cut into door.
- Disregard instructions referring to features not required.
- The lock is supplied in passage mode. The anti-lockout function is de-activated.
- The lock is always holdback capable, no setting is required. Holdback can be activated at any time - unless anti-lockout is selected.

1

LOCK SETTING

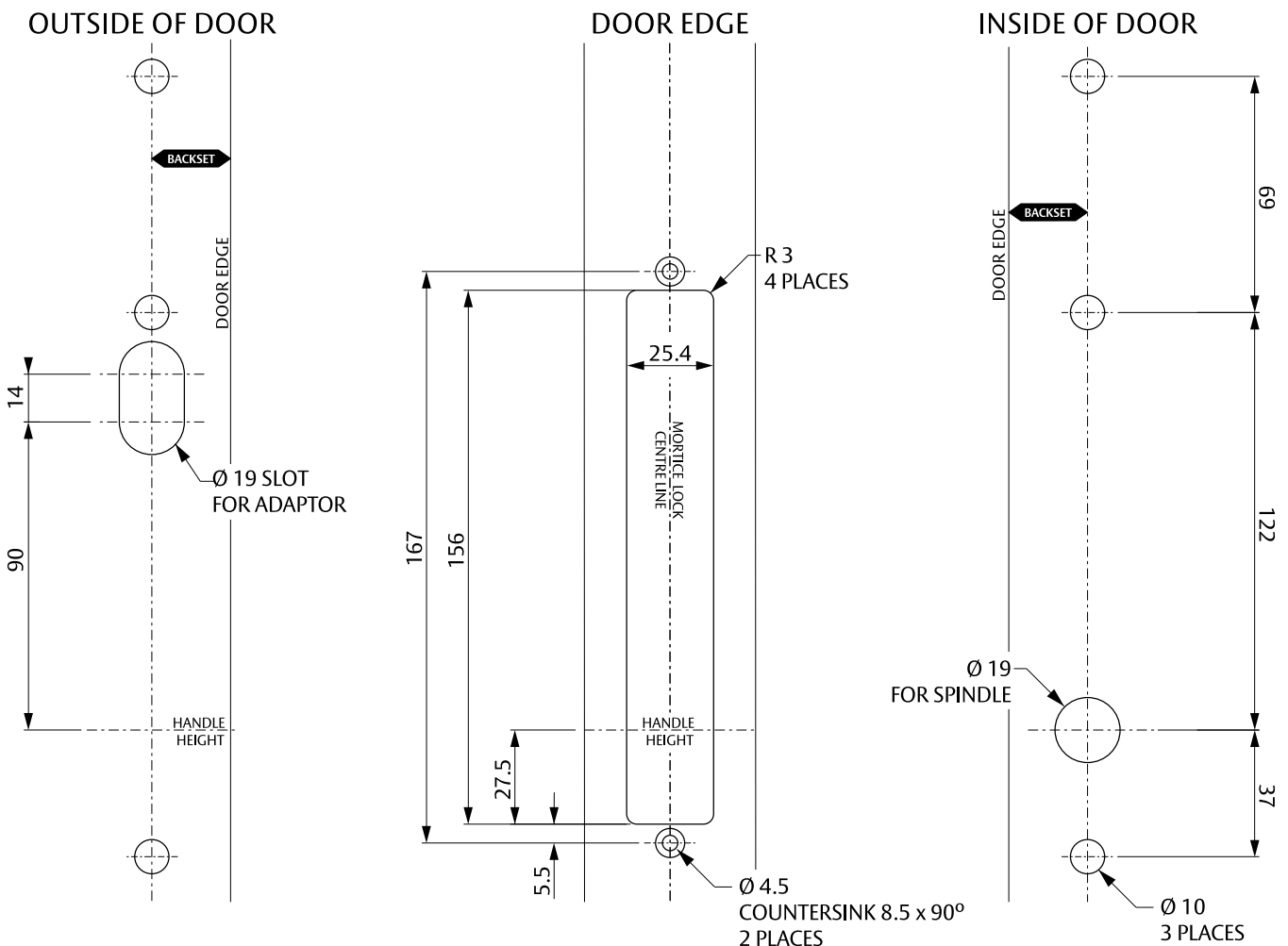


- Where cylinders or turnknobs are required, remove the cylinder plugs from the lock using a small screwdriver.
- Set the required lock function as per **SETTING AND OPERATING INSTRUCTIONS** and the **FUNCTION CHART** on the reverse of this instruction.
- For holdback DX digital installations, refer to standard **MOUNTING INSTRUCTIONS** for cylinder installation instructions.

2

DOOR PREPARATION

- **Note :** For inward opening doors; 30 or 38mm backset locks should be used to allow the DX Digital to clear the door stop.
- Establish height that lock will be on door.
- Cut faceplate window to the dimensions shown. Drill and countersink fixing holes as shown.
- Cut required furniture and DX code pad holes from both sides of door.

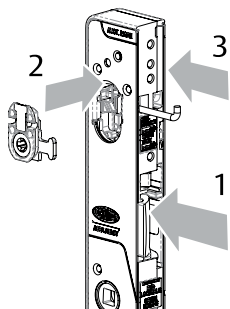


3782 MORTICE LOCK AND DX DIGITAL KIT

MOUNTING INSTRUCTIONS FOR ALUMINIUM DOORS

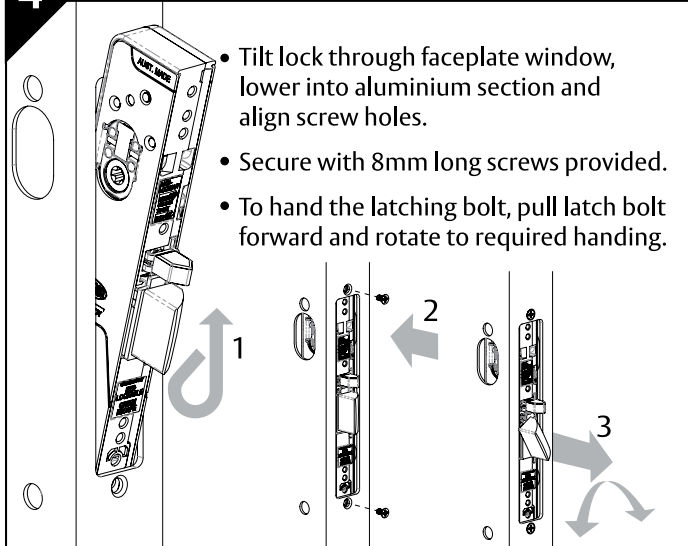
3 LATCHING ADAPTOR INSTALLATION

- Depress the latch bolt and fit the latching adaptor.
- Secure by pressing in the cylinder retainer pin.
- **Note : The faceplate must be fitted to ensure correct function.**



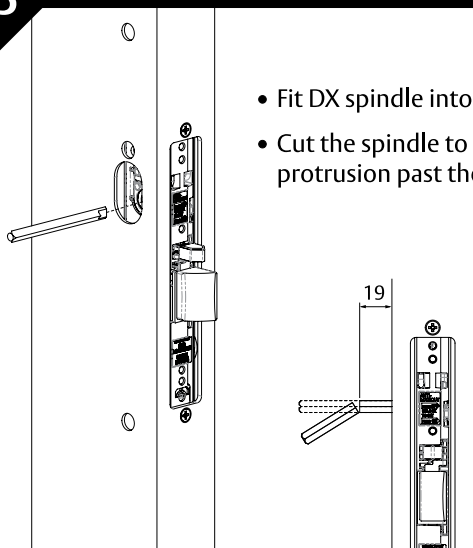
4 LOCK INSTALLATION

- Tilt lock through faceplate window, lower into aluminium section and align screw holes.
- Secure with 8mm long screws provided.
- To hand the latching bolt, pull latch bolt forward and rotate to required handing.



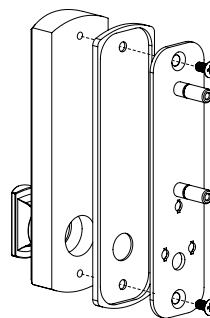
5 SPINDLE PREPARATION

- Fit DX spindle into latching adaptor.
- Cut the spindle to allow a 19mm protrusion past the door face.



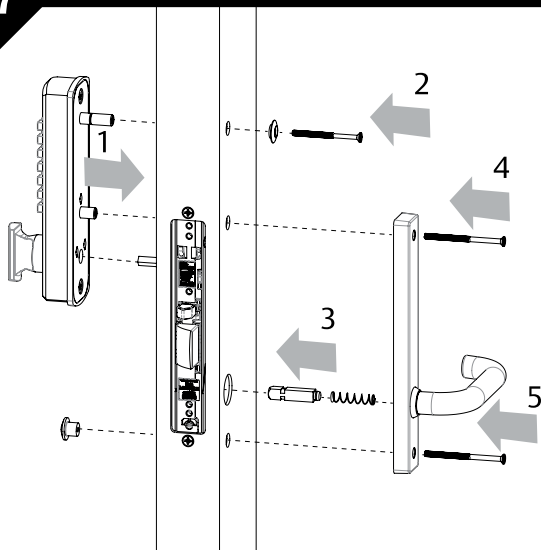
6 RUBBER MOUNTING PAD INSTALLATION

- Fit the rubber mounting pad onto the mounting plate and then secure to the DX digital unit using supplied 10mm long screws.



7 DX DIGITAL AND FURNITURE INSTALLATION

- Cut M4 screws to length.
 - (a) 1 screw @ **door thickness minus 10mm.**
 - (b) 1 screw @ **door thickness plus 6mm.**
 - (c) 1 screw @ **door thickness plus 10mm.**
- Place the DX digital onto the external side of the door, ensure the spindle is engaged in the DX digital handle.
- Fasten the DX digital using top screw (a) and cup washer.
- Hand furniture then fit the spindle, spring and internal furniture onto the internal side of the door.
- Fasten furniture using top furniture screw (b).
- Place furniture mounting nut on external side and secure with screw (c).
- **Note : The faceplate must be fitted to ensure correct function.**



8 FACEPLATE INSTALLATION

- Fit faceplate onto lock using the supplied 8mm long screws.

9 STRIKE INSTALLATION

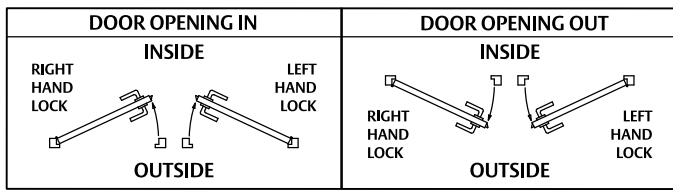
- Cut strike cutout in door frame.
- Fit strike box inside frame using supplied 8mm long screws.
- Fit strike onto strike box using supplied 8mm long screws.

3782 MORTICE LOCK AND DX DIGITAL KEY OVERRIDE KIT

MOUNTING INSTRUCTIONS FOR ALUMINIUM DOORS

P/No. 3782DXKO-121 01/16

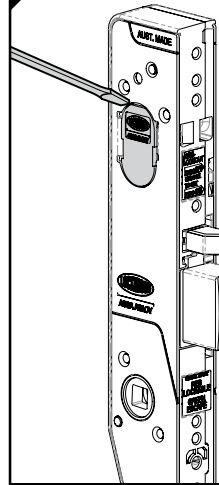
HAND OF DOOR ACCORDING TO ENGLISH PRACTICE



- Determine hand of lock required from chart above.
- Ensure only holes required by handing, function and furniture are cut into door.
- Disregard instructions referring to features not required.
- The lock is supplied in passage mode. The anti-lockout function is de-activated.
- The lock is always holdback capable, no setting is required. Holdback can be activated at any time - unless anti-lockout is selected.

1

LOCK SETTING



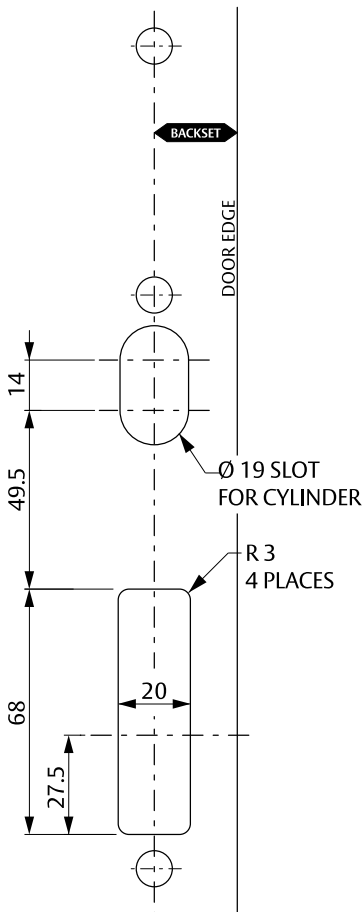
- Where cylinders or turnknobs are required, remove the cylinder plugs from the lock using a small screwdriver.
- Set the required lock function as per **SETTING AND OPERATING INSTRUCTIONS** and the **FUNCTION CHART** on the reverse of this instruction.
- For holdback DX digital installations, refer to standard **MOUNTING INSTRUCTIONS** for cylinder installation instructions.

2

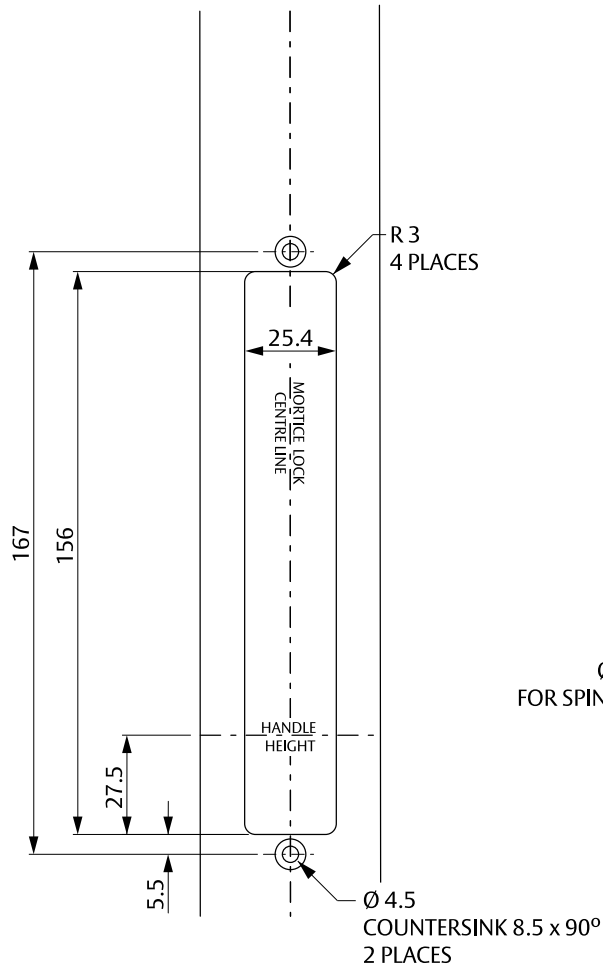
DOOR PREPARATION

- **Note** : For inward opening doors; 30 or 38mm backset locks should be used to allow the DX Digital to clear door stop.
- **Note** : Lower cylinder kit suits 43 - 46mm door thickness only.
- Establish height that lock will be on door.
- Cut faceplate window to the dimensions shown. Drill and countersink fixing holes as shown.
- Cut required furniture and DX code pad holes from both sides of door.

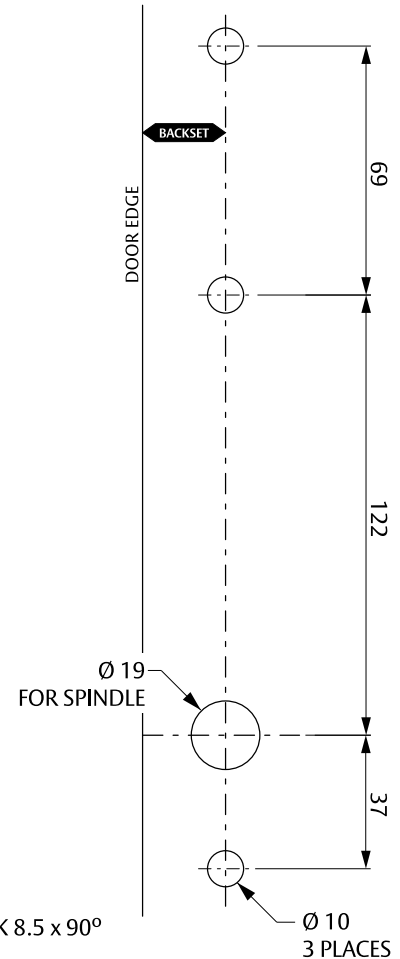
OUTSIDE OF DOOR



DOOR EDGE



INSIDE OF DOOR

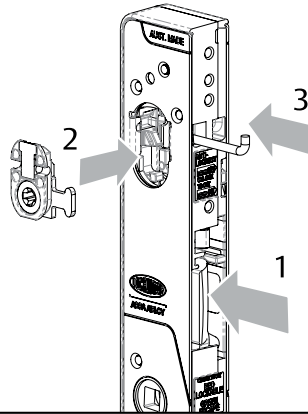


3782 MORTICE LOCK AND DX DIGITAL KEY OVERRIDE KIT

MOUNTING INSTRUCTIONS FOR ALUMINIUM DOORS

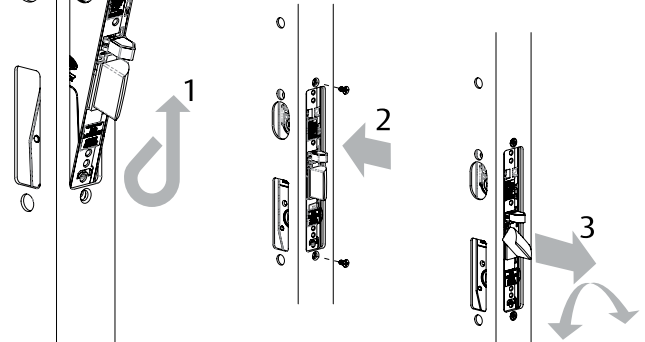
3 LATCHING ADAPTOR INSTALLATION

- Depress the latch bolt and fit the latching adaptor.
- Secure by pressing in the cylinder retainer pin.
- **Note : The faceplate must be fitted to ensure correct function.**



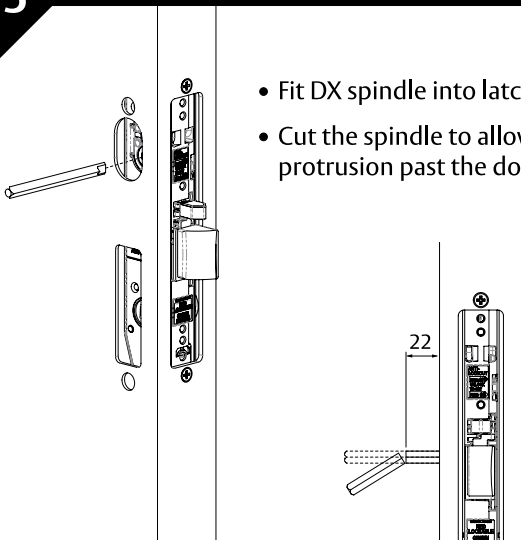
4 LOCK INSTALLATION

- Tilt lock through faceplate window, lower into aluminium section and align screw holes.
- Secure with 8mm long screws provided.
- To hand the latching bolt, pull latch bolt forward and rotate to required handing.



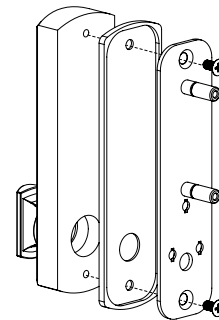
5 SPINDLE PREPARATION

- Fit DX spindle into latching adaptor.
- Cut the spindle to allow a 22mm protrusion past the door face.



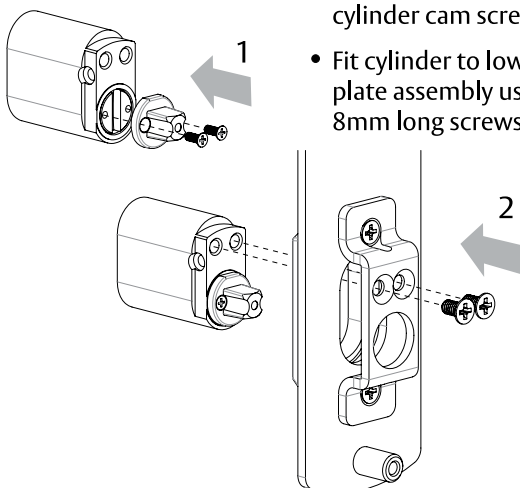
6 RUBBER MOUNTING PAD INSTALLATION

- Fit the rubber mounting pad onto the mounting plate and then secure to the DX digital unit using supplied 10mm long screws.



7 LOWER CYLINDER PREPARATION

- Fit spindle to cylinder using cylinder cam screws.
- Fit cylinder to lower cylinder plate assembly using supplied 8mm long screws.



8 DX DIGITAL AND FURNITURE INSTALLATION

- Cut M4 screws to length.
 - (a) 1 screw @ *door thickness plus 6mm.*
 - (b) 1 screw @ *door thickness plus 10mm.*
 - (c) 1 screw @ *door thickness minus 5mm.*
- Hand furniture then fit the spindle, spring and furniture onto the internal side of the door.
- Place the black mounting plate onto the external side of the door and secure with the lower furniture screw (a).
- Place the DX digital onto the external side of the door, ensure the spindle is engaged in the DX digital handle.
- Fasten furniture using top furniture screw (b).
- Fasten the DX digital using the top screw (c) and cup washer.
- **Note : The faceplate must be fitted to ensure correct function.**

9 FACEPLATE INSTALLATION

- Fit faceplate onto lock using the supplied 8mm long screws.

10 STRIKE INSTALLATION

- Cut strike cutout in door frame.
- Fit strike box inside frame using supplied 8mm long screws.
- Fit strike onto strike box using supplied 8mm long screws.

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