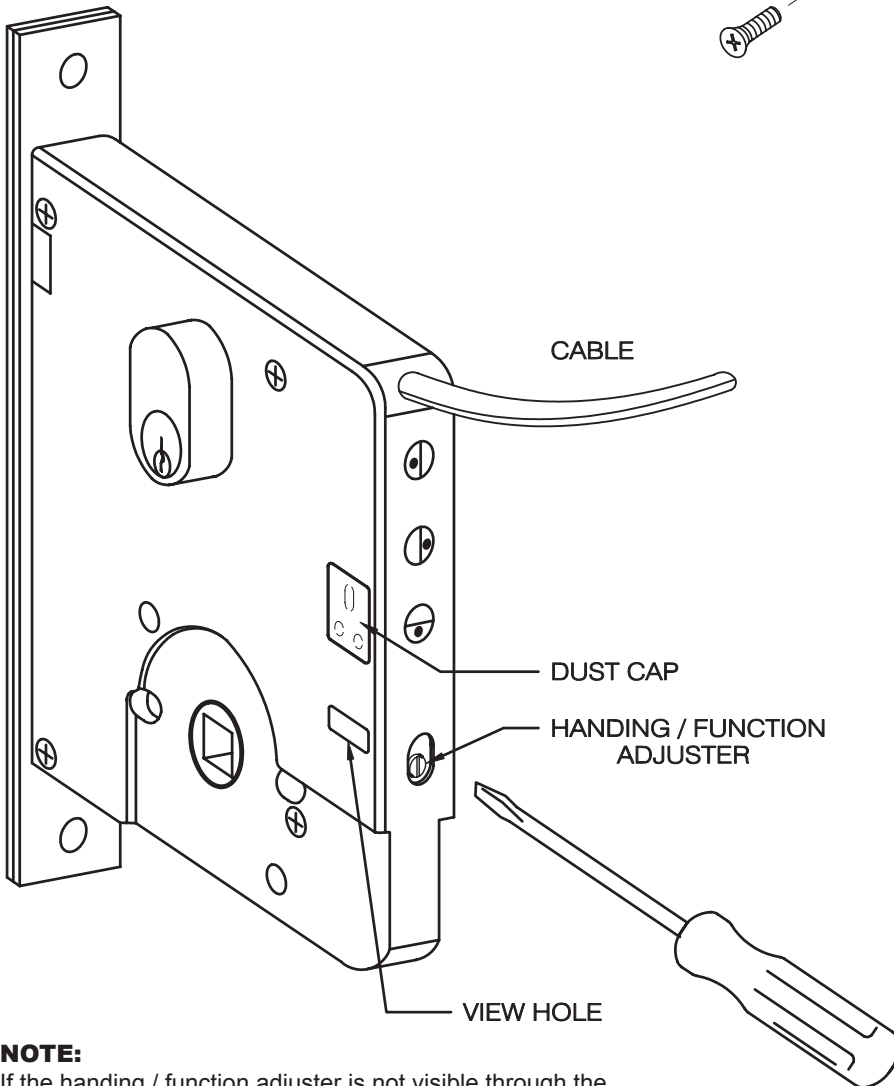
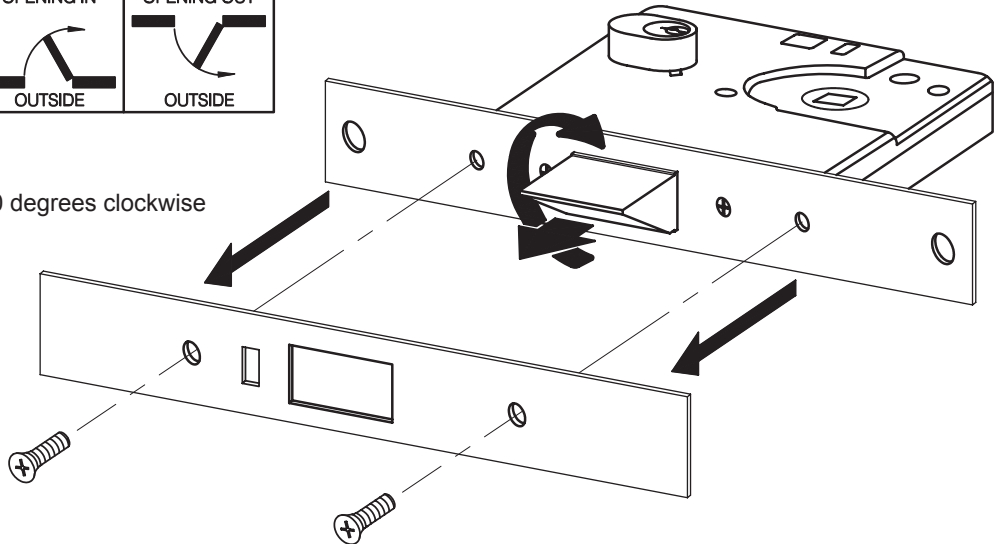


TO REVERSE BOLT

1. Remove outer Forend
2. Pull & Rotate Bolt through 180 degrees clockwise



HANDING / FUNCTION SELECTION

For left hand V SERIES

Push in and turn clockwise

Set
adjuster
as shown



For right hand V SERIES

Push in and turn anti-clockwise

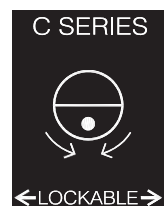
Set
adjuster
as shown



To set for C SERIES

(Both handles lockable)

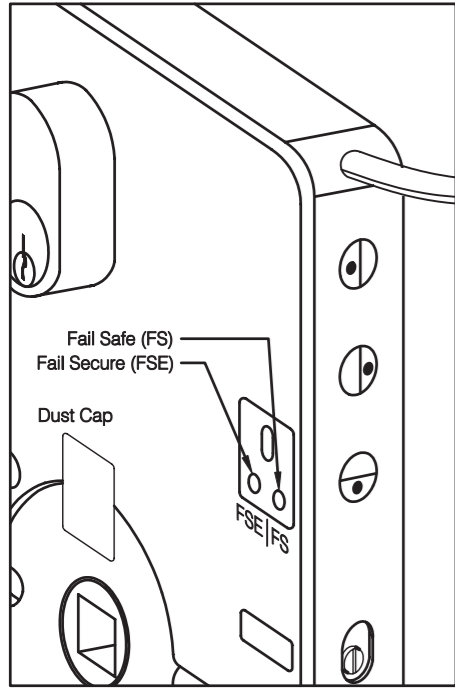
Set
adjuster
as shown



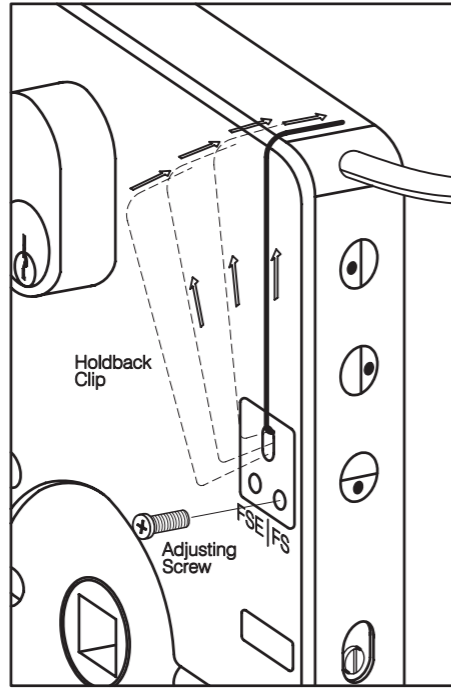
NOTE:

If the handing / function adjuster is not visible through the view hole - the lock is set for Fail Secure (FSE). To make the handing / function adjuster visible, use the holdback clip - see overleaf for Fail Safe (FS) Fail Secure (FSE) selection.

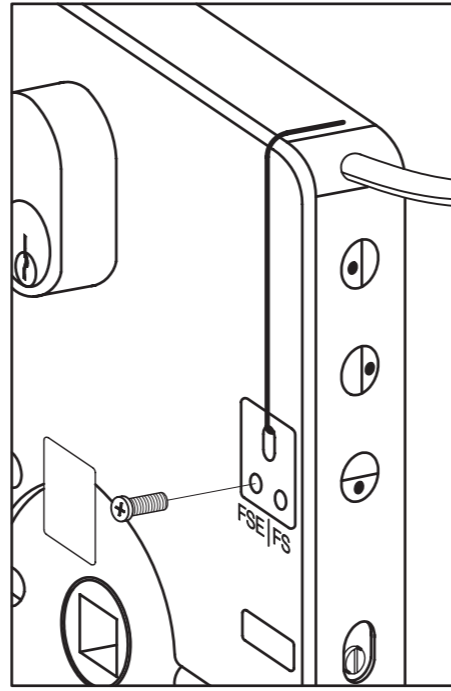
FAIL SAFE (FS) / FAIL SECURE (FSE) SELECTION



Check that the Fail Safe (FS) / Fail Secure (FSE) function is set to your requirements by first removing the dust cap. The correct FS / FSE function must be set before setting the vestibule / combination handing function - see detail.



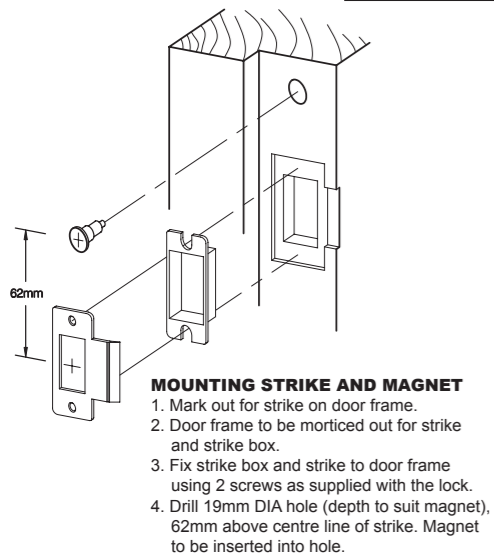
To adjust FS to FSE, unscrew the adjusting screw and using the FS / FSE handing holdback clip position the sharp right-angled wire into the lock cap holdback slot and gently pull back the FS / FSE mechanism to the end of the slot and position the opposite (radius) end of the holdback clip over the lock case.



The FSE adjusting screw position is now exposed. Lightly nip the adjusting screw into its new FSE position. Adjust the vestibule / combination handing function to your requirements following the instructions on the back of the lock case - see detail. Unclip the FS / FSE handing holdback clip and replace the dust cap. FS / FSE - lock handing function adjustment is now complete.

Reverse the sequence of operations to adjust FSE to FS - lock handing adjustment.

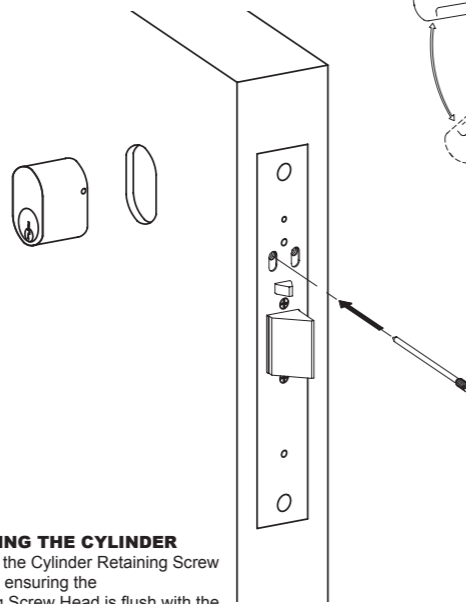
WARNING - Do not use instruments such as screw drivers to retract the latch bolt through the cylinder hole. Damage to the lock circuitry could occur.



MOUNTING STRIKE AND MAGNET

1. Mark out for strike on door frame.
2. Door frame to be morticed out for strike and strike box.
3. Fix strike box and strike to door frame using 2 screws as supplied with the lock.
4. Drill 19mm DIA hole (depth to suit magnet), 62mm above centre line of strike. Magnet to be inserted into hole.

SECURING THE CYLINDER
Use only the Cylinder Retaining Screw supplied, ensuring the Retaining Screw Head is flush with the Inner Forend Face.

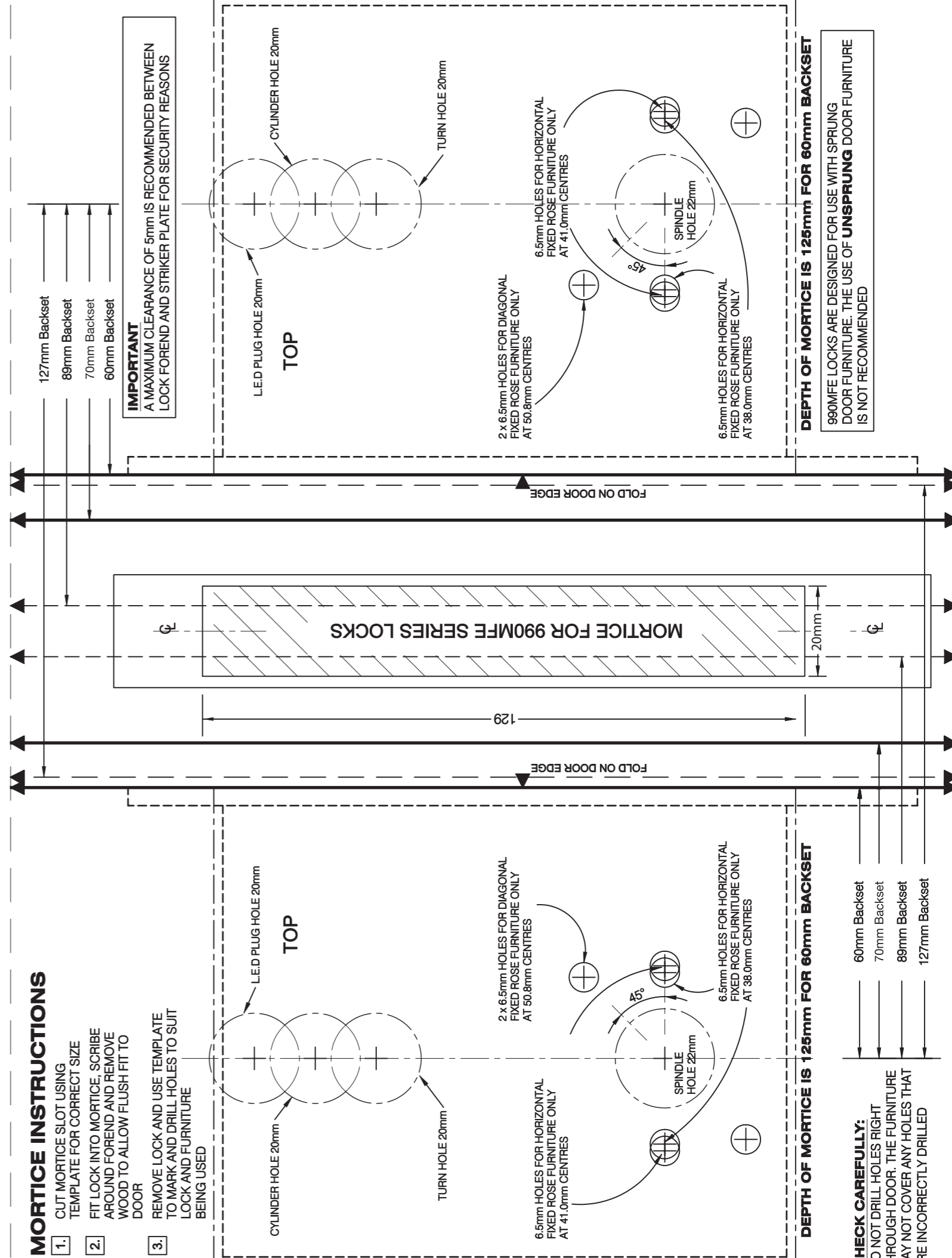


LOCK INSTALLATION

When installing the lock, leave the plastic cylinder dust covers covering the cylinder hole to prevent particles from entering the lock. Where a cylinder is required, extract the dust cover as shown in the illustration.

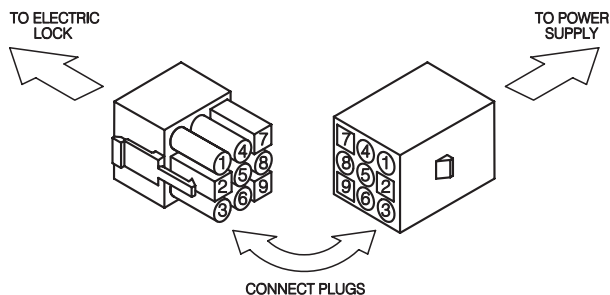
MORTICE INSTRUCTIONS

1. CUT MORTICE SLOT USING TEMPLATE FOR CORRECT SIZE
2. FIT LOCK INTO MORTICE, SCRIBE AROUND FOREND AND REMOVE WOOD TO ALLOW FLUSH FIT TO DOOR
3. REMOVE LOCK AND USE TEMPLATE TO MARK AND DRILL HOLES TO SUIT LOCK AND FURNITURE BEING USED



9PIN PLUG CONNECTION

(1.6m of cable supplied as standard)

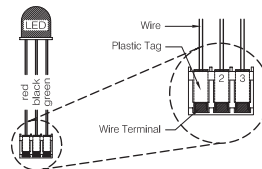


NOTE: Swapping LED wires over for Fail Secure (FSE) for both LH/RH sides of lock.

LED cables are supplied as standard to suit Fail Safe (FS) for both LH/RH sides of the lock. On the occasion where Fail Secure is selected the red and green wires on the LED cable will have to be swapped over to suit LH/RH sides of the lock.

LOCK INSTALLATION

(swapping LED wires)



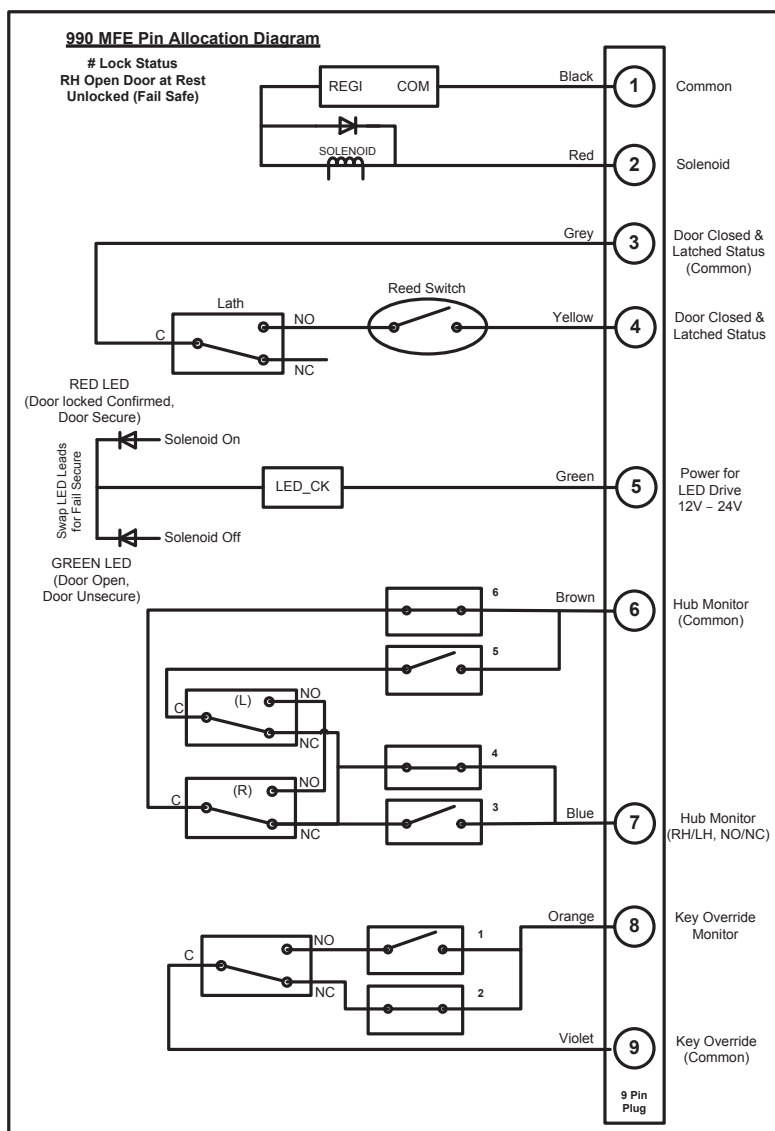
SWAPPING WIRES
Gently lift plastic tag holding terminal & slide wire terminal from plug. To insert wire terminal, slide back into plug.



FAIL SAFE (FS) SELECTION



FAIL SECURE (FSE) SELECTION



* Circuit shows right hand open door at rest.

This product is the subject of any one or more of the following patents, NZ2299577, AU717917, NZ529951, NZ535262, NZ534706, NZ534938, NZ537284, NZ534626.

ELECTRIC SPECIFICATIONS

Hub Snib Activation (Solenoid Activation)

12 V DC to 24V DC 375mA momentary, 100mA max. operating

Key Override Monitor

Miniature lever microswitch max rating 500mA @ 30V DC

Door Status Monitor

Miniature magnetic reed switch 100mA operating

LED Current

LED current included as above

Plug Arrangements

990MFE, 9 pin plug supplied with 1.6m cable

Rex Switches

Sub-miniature D2 microswitch max. rating 1A@125V AC

| PIN | Colour | Function |
|-----|--------|-----------------------------------|
| 1 | Black | Common (0Vdc) |
| 2 | Red | Solenoid |
| 3 | Grey | Reed/LATH Switch Monitor (common) |
| 4 | Yellow | Reed/LATH (common) |
| 5 | Green | LED |
| 6 | Brown | Hub monitor (common) |
| 7 | Blue | Hub monitor (RH/LH, NO/NC) |
| 8 | Orange | Key override monitor |
| 9 | Violet | Key override monitor (common) |

DIP Switch Settings

| | Switch No. | | | | | |
|--------|------------|-----|-----|-----|-----|-----|
| HUBS* | 1 | 2 | 3 | 4 | 5 | 6 |
| LH NC | - | - | OFF | ON | OFF | ON |
| LH NO | - | - | ON | OFF | OFF | ON |
| RH NC | - | - | OFF | ON | ON | OFF |
| RH NO | - | - | ON | OFF | ON | OFF |
| KOM NC | OFF | OFF | - | - | - | - |
| KOM NO | - | - | - | - | - | - |

*Hub monitoring is exit side only