

SmartLock

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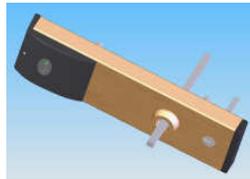
Smartlock Mifare SL950 / SL900 Lock Installation

The lock is intended to be fitted to a wooden door with thickness 35 – 45mm. Other applications may be suitable but you should check with the vendor before ordering. The lock should be fitted by a professional installer in accordance with these instructions.

1. Contents

Pack contents:

- A. Front body (include handle)
- B. Back body (include handle)
- C. Lock case
- D. Fixing plate for front body
- E. Strike
- F. Dust box
- G. Fixing screw pack
- H. Batteries 4xAA



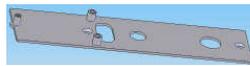
A



B



C



D



E



F

Fixing screw pack:

- 1. M4*20 stainless steel screw 2 pcs (for front body)
- 2. M4*12 stainless steel screw 2 pcs (for back body)
- 3. Metal ring 1pc
- 4. Plastic Bush 2pc
- 5. M4*10 stainless steel screw 2 pcs (for lock case)
- 6. M4*10 stainless steel screw 2 pcs (for face plate)
- 7. Plastic washer 2pcs (for handles)



G1



G2



G3



G4



G5
G6

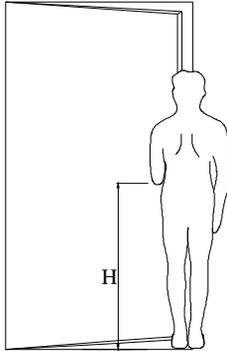


2. Lock fitting

2.1. Door preparation

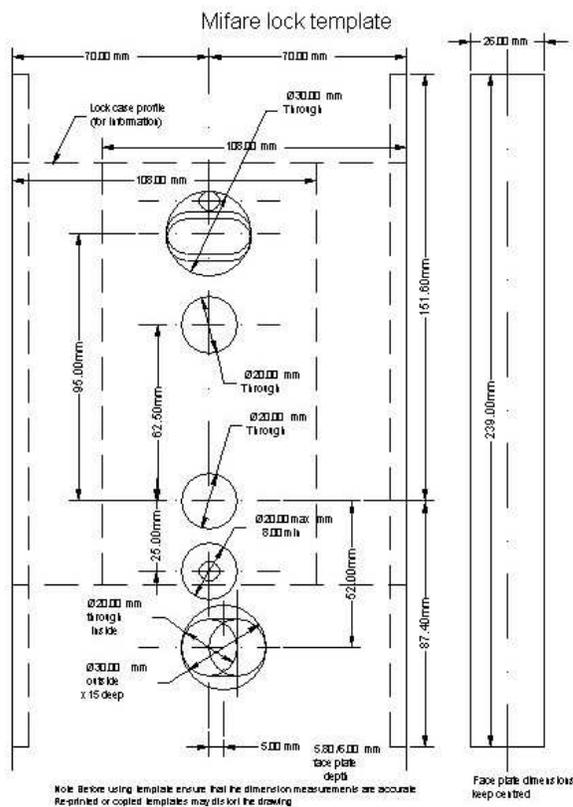
2.1.1.Height

The height 'H' is usually taken from the floor to the handle centre. This should conform to the customer's specification.



2.1.2.Lock case installation

Install the lock case so that the handle height will conform to that chosen in 2.1.1 above. The door should be cut out in accordance with the template attached. (Please note the dimensions should be verified to ensure that no distortion has taken place during printing or copying). Centre the template on the handle hub of the lock case and mark the positions of the holes.



The Mifare lock template can be found in the appendix

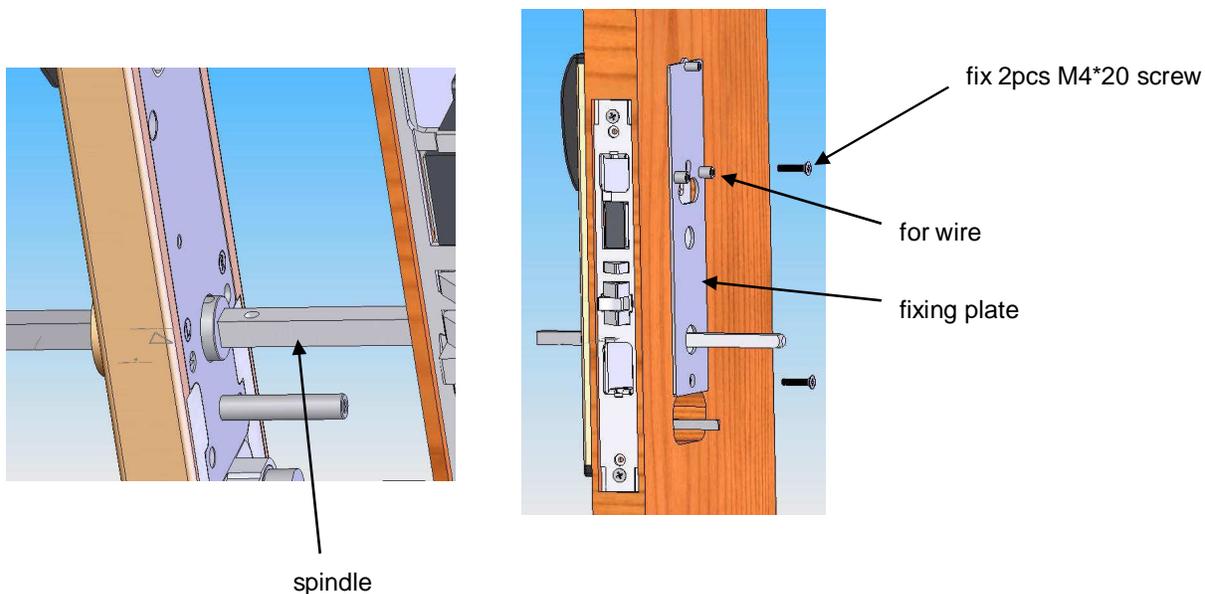
2.2. Door Frame Preparation.

Mark the latch positions on the door and prepare the frame using the strike plate as a template

2.3. Install Mortise Lock



2.4. Install Front Escutcheon



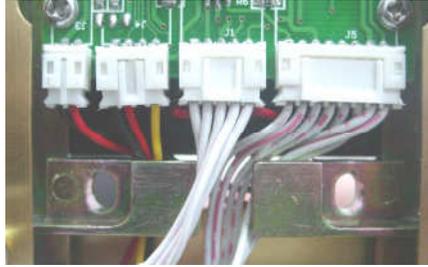
The spindle has been grooved on its 3 faces, turn the face “non groove” upward.

Insert the front body shaft through the spindle hub in the mortise lock. The wire from the front body should fit through the white plastic hole of the mortise lock case. Care must be taken not to damage or trap the wire during installation.

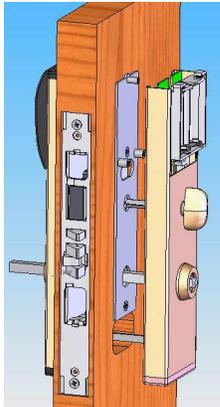
Install fixing plate and tighten the screws.

2.5. Install Rear Escutcheon

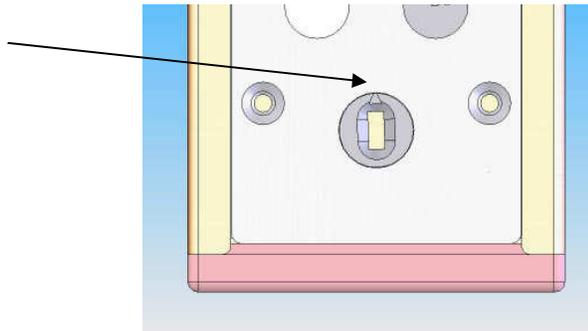
2.5.1. Connect the wires as shown in the picture. Connect the lock case wire if fitted and required



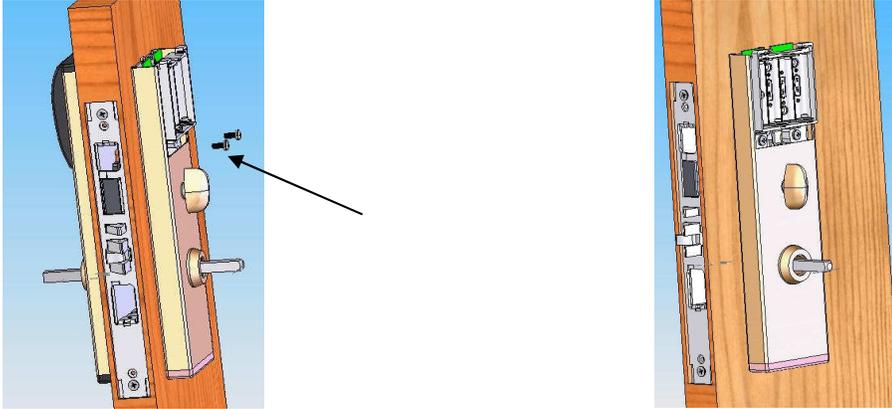
2.5.2. Partially fit the rear escutcheon to the door



2.5.3. turn triangle upward



2.5.4. fix 2 pcs M4*12 screws



Ensure no wires are trapped or are damaged by the screws.

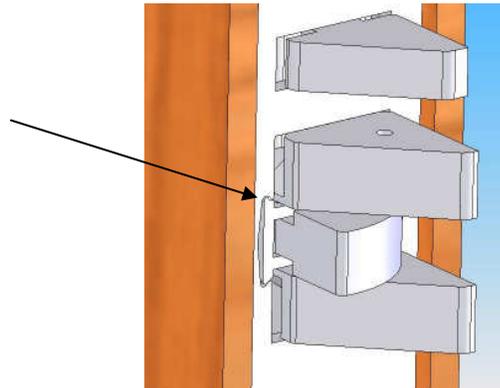
2.6. Fit ancillary parts:-

2.6.1. Before fitting the rear handle, first fit the metal ring (G3) followed by one of the plastic bushes (G4). Fit one of the plastic washers (G7). Assemble the handle and tighten the grub screw.

2.6.2. Before fitting the front handle, first fit the other plastic bush (G4). Fit one of the plastic washers (G7). Assemble the handle and tighten the grub screw.

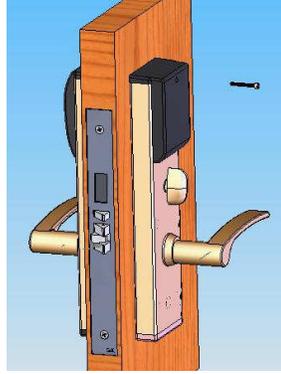
2.6.3. Before fitting the face plate of the lock case ensure that the latch and dead locking snib are correctly orientated and the pivot is correctly positioned as shown.

2.6.4. Fit the face plate as shown



2.6.5. Insert the batteries and check for detection by putting your hand in front of the reader. You should get a flashing red light.

2.6.6. Fit the battery cover



2.6.7. Fit the Dust Box (F) and the Strike Plate (E) Check for correct latching and adjust if necessary

2.7. Remark

Tighten the screws to no more than 20N.m otherwise damage may be caused. It is advisable to use screwlock on the face plate and grub screws.

2.8. Set up the lock in accordance with the setting instructions.