



HD16 PLUS

FITTING INSTRUCTIONS

Door Cutout (Figure 1)

- 1 Prepare the cutouts in the section using the diagram and chart.

NOTE: ADHERE TO THE DIMENSION TOLERANCES

Installing the BOTTOM Lock (Figures 2 & 3)

- 1 Attach the bottom lock assembly **drive box** to the **HD8 centre lock**, ensure the **coupler** fits over the **location pins** (Figure 2).

NOTE: place a support directly beneath the couple and slide.

Fasten the **coupler** in place doing both or either of the following:

- a) Fit the #6x6mm screw supplied (if applicable).
- b) Firmly rivet over both location pins.

- 2 Unlock the lock by pressing on the **rocker arm** and pulling the **slide** down from the centre lock until it stops (Figure 3).

NOTE: to assist in preventing locking while assembling, retract the **main beak**.

- 3 Select the bottom lock/centre lock assembly. Slide it down into the section via the centre lock cutout, leaving the centre lock out of the section.

Installing the TOP Lock (Figures 4 & 5)

- 1 While holding the centre lock aside, slide the top lock into the section and hook the **drive wire** into the remaining wire hole in the **drive box coupler** (Figure 4).
- 2 Carefully guide the whole assembly into the section, then using a screwdriver, clip the **collar lugs** into the **drive box**. (Figure 5 over page)

NOTE: Ensure that the **collar lugs** are firmly in place.

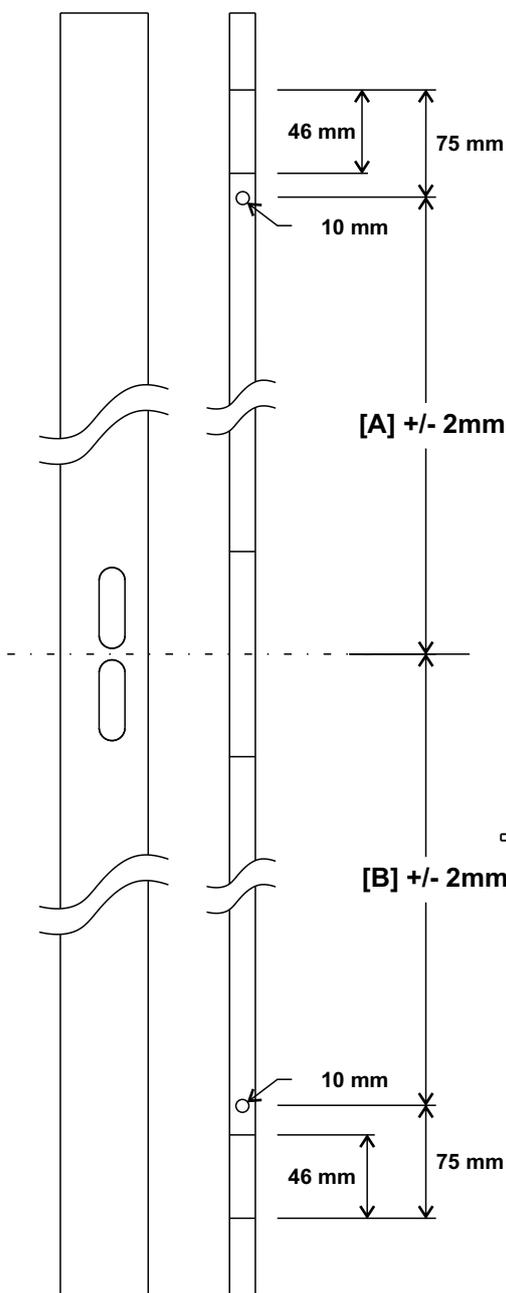


Figure 1

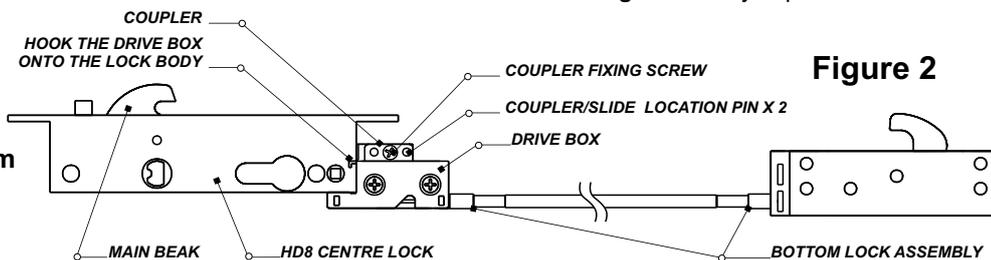


Figure 2

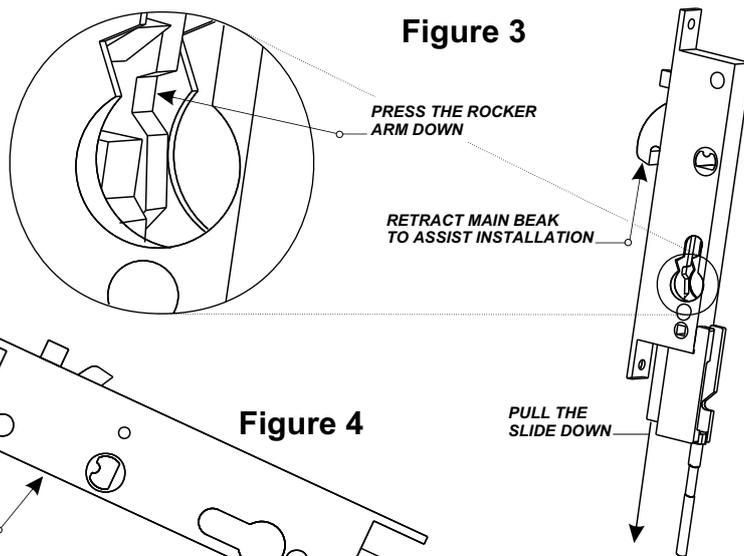


Figure 3

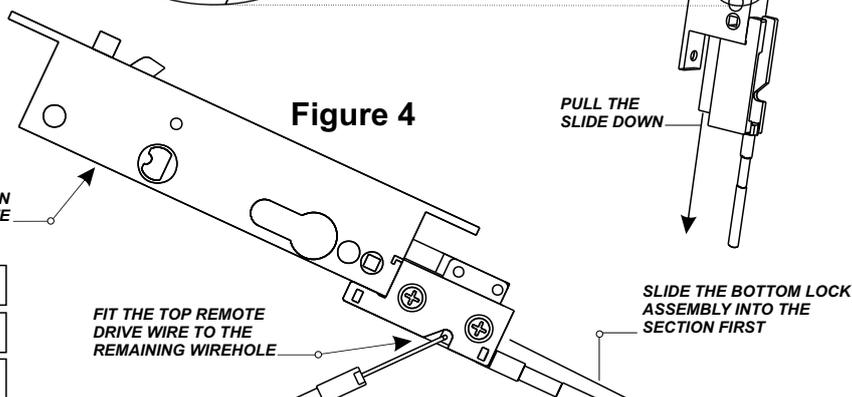


Figure 4

Product code	[A]	[B]
HD16Hplus	610 mm	790 mm
HD16Lplus	766 mm	634 mm
HD16Pplus	313 mm	1079 mm
HD16Splus	313 mm	331mm
	Tolerance +/- 2 mm	

HD16 PLUS

FITTING INSTRUCTIONS CONTINUED...

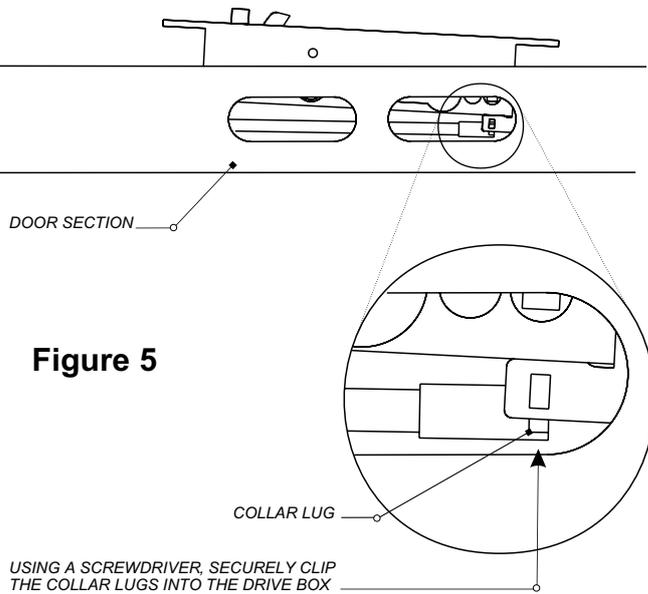


Figure 5

Fitting the Levers and Face Plates

- 1 Fit and secure the **face plates** to the remote locks using the #8x13 blunt point screws supplied.
- 2 Fit the HD8 levers & cylinder as per the supplied HD8 instructions.
- 3 Using the cylinder and the snib lever, test that the remote locks unlock and lock smoothly and lively.

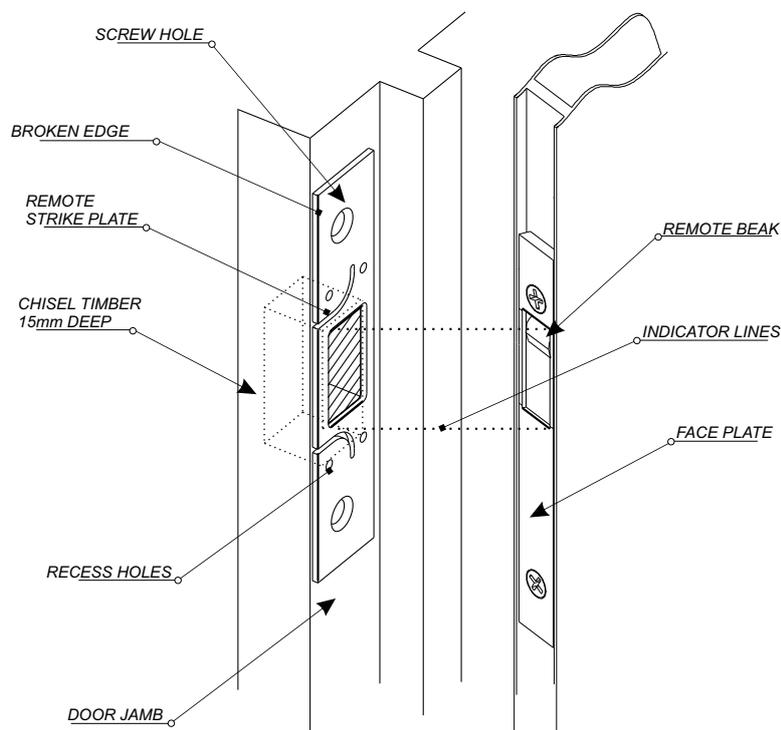
Fitting the HD8 Centre Lock Strike Plates

- 1 Fit the HD8 strike plate as per supplied HD8 instructions (STEP 7).

Fitting the HD16 Remote Lock Strike Plates (Figure 6)

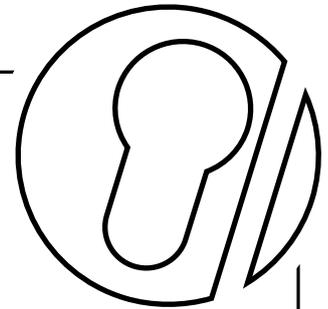
- 1 Ensure the lock is unlocked and the **remote beaks** are retracted.
- 2 Pencil mark the **door jamb** at the same height as the **remote beak** cutout (refer to **indicator lines**, figure 6).
- 3 Centre the **strike plate** square cutout over the pencil marks on the **door jamb**. Ensure the strike plate is orientated as shown in figure 6. The **broken edge** of the strike plate must be facing the outside of the building.
- 4 Pencil mark through the **screw holes**, **square cutout** and the two **recess holes** BENEATH the square cutout.
- 5 Pilot drill the **screw holes** if necessary.
- 6 Remove the timber 15mm deep with a chisel between the TOP of the **square cutout**, and the two recess holes BENEATH the **square cutout**.
- 7 Secure the **strike plate** to the **door jamb** with the two #8x25mm screws supplied.
- 8 Repeat the process for the remaining **remote strike plate**.
- 9 Test the fit between the **main beak / remote beaks** and the **strike plates / door jamb** to ensure there is adequate clearance around all sides.

Figure 6 - Fitting Remote Strike Plates



Austral
Lock

HD16 PLUS – CARE & MAINTENANCE



Installation

The product must be installed according to the instructions included in the product packaging and the door should be apertured according to the door “cut-out” dimensions and tolerances shown.

Prior to fitting ensure that:

Doors stored on site are stored in a clean dry area free from cement, lime, paint, acid etc.

During fitting of the lock ensure that :

No metal swarf or other contaminants enter the lock body.

The fixing screws do not damage the product finish.

After installation of the door ensure that:

The door is correctly adjusted with the correct clearances.

The lock engages the strike plate correctly.

The door is protected from building fall-out such as wet plaster, mortar, paint and welding splatter.

If the door becomes contaminated:

Do not paint the lock body or faceplate.

Remove wet plaster, cement, mortar and other droppings immediately, using ample clean water and a sponge or rag, to avoid permanent staining or scratching of the product finish. If removal is delayed and scraping becomes necessary the surface finish may suffer.

Maintenance

Annually inspect the door to confirm that the door operates with the correct clearances, closes and opens without obstruction and confirm that the lock tongue slides easily up the strike plate wing to freely enter the strike plate aperture when the door is closed - adjust the door if necessary.

Annually check that when the door is closed, the lock can be locked by key and by the snib lever.

Quarterly wipe the strike plates with a soapy rag to remove built up debris and to lubricate the strike plate (To prevent bouncing of the door).

NB : The lock assembly has been lubricated for life, and should not be disassembled by the user.

Cleaning Powder Coatings

Every six months, powder coated surfaces should be cleaned to protect the finish. However, in areas where pollutants are more prevalent, especially in coastal or industrial regions, cleaning should be carried out every two to three months.

To clean the powder coated surface:

1. Carefully remove any loose deposits with a wet sponge.
2. Use a soft brush (non abrasive) or cloth and a mild household detergent solution to remove dust, salt and other deposits. Do not use steel wool, scrapers, scouring liquids or powders to remove deposits as these permanently scratch the coating surface.
3. Rinse off with clean fresh water.

Cleaning Brass Finishes

Brass finishes are susceptible to tarnishing if they come into contact with moisture, wet paint, or water vapour. All brass finishes should be coated with a non-abrasive furniture or car wax immediately after installation. Brass finishes should be regularly wiped with a non-abrasive furniture or car wax, taking care not to scratch any protective finishes that are employed to protect the surface and prevent tarnishing.

HD16 PLUS – MAINTENANCE LOG

In order to protect your warranty, record all maintenance activity in the following log:

Address of Building :		
Name of Door :		
Date	Activity	Signed