

Replacement Multi-Point Door Lock

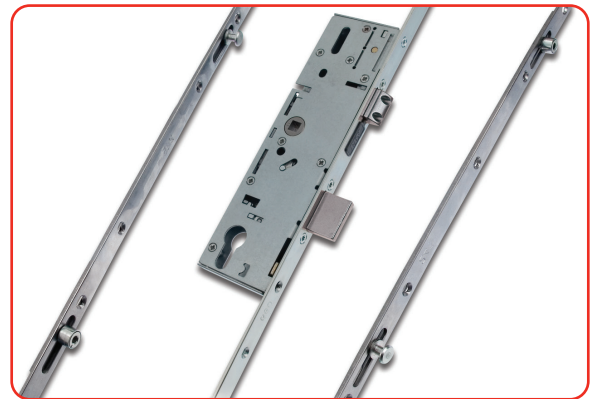


2 Hook

2 Hook 2 Roller

Features

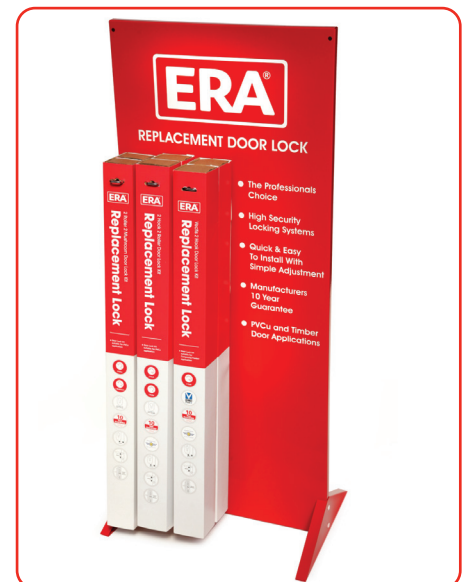
- Designed to replace most multi-point locks in PVCu, Composite and Timber doors
- Options include:
 - High security 2 Hook 2 Roller for PVCu applications, 16mm face bar
 - Secure 2 Roller 2 Mushroom for PVCu applications, 16mm face bar
 - High Security 2 Hook for Composite / Timber applications, 20mm face bar
- Each kit is modular based, comprising of a 3 piece set:
 - Central gearbox - 35mm and 45mm backset; in a choice of euro profile or Vectis Plus
 - Croppable top and bottom extension pieces
- Designed to meet the requirements of PAS 24 (hook option only)
- Non-handed lock mechanism with reversible sash bolt and snib facility as standard
- Accepts standard 92mm unsprung handles or Vectis Plus adaptor / handle
- Split spindle for lever / pad applications
- Bi-directional throw of locking features - enhanced anti jemmy feature
- High security hook for anti-separation resistance - 10mm engagement into keeps (hook options only)
- Precision adjustable rollers for enhanced performance and weathersealing
- Kit is supplied with all fixings and illustrated instructions for installation



2 Roller 2 Mushroom

Keep

- For PVCu doors - adjustable keep set with universal packers
- For Timber / Composite doors - non-handed keep set
- All Keeps conceal previous installation holes



Merchandising Stand

Replacement Multi-Point Door Lock

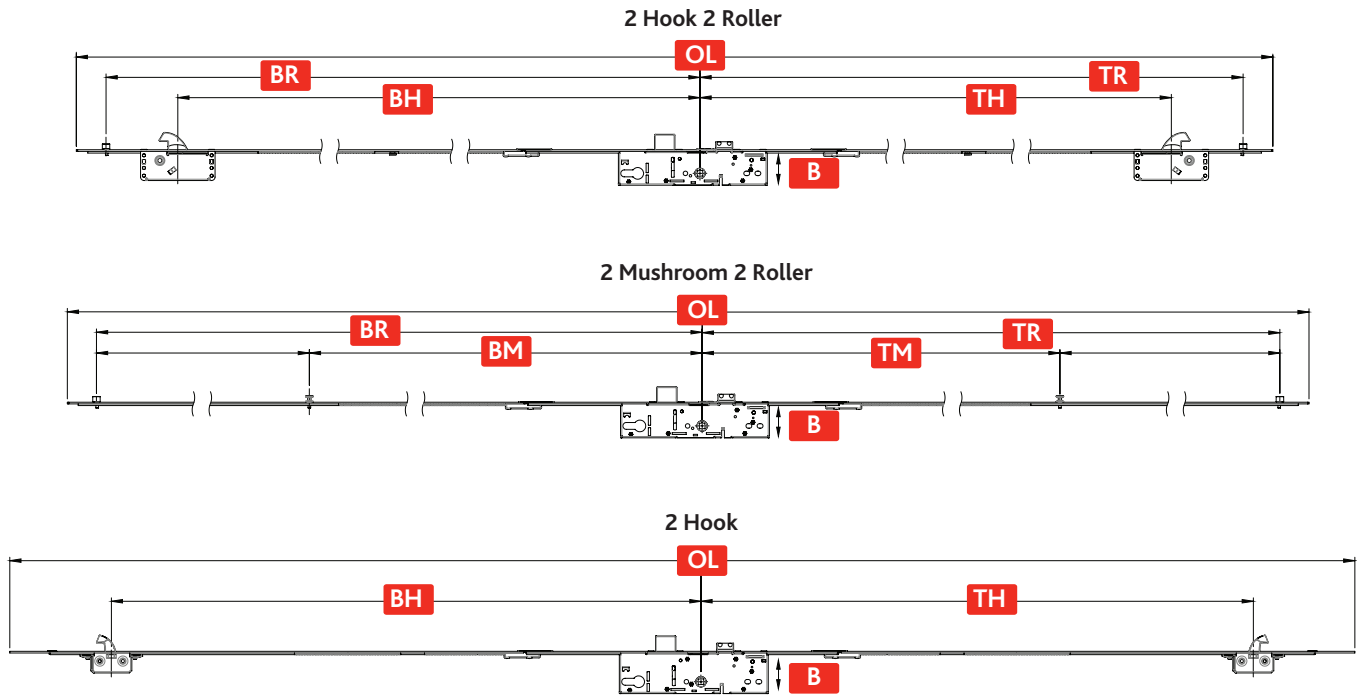


Diagram illustrates product in locked position. All dimensions are in mm and are nominal. ERA reserves the right to change specification without notice. It is the responsibility of the door manufacturer to ensure that the finished product meets any required safety and performance specification.

Ordering Details

KEY

B Backset	TM Top Mushroom
OL Overall Length	BM Bottom Mushroom
TR Top Roller	TH Top Hook
BR Bottom Roller	BH Bottom Hook

PVCu Doors - High Security 2 Hook 2 Roller Replacement Lock

B	Max OL	Min OL	Max TH	Min TH	Max TR	Min TR	Max BH	Min BH	Max BR	Min BR
35	1987	1075	816	360	921	465	871	415	976	520

Part No. **Euro Cylinder** 6735-2H2R-KIT **Vectis Plus** 9735-2H2R-KIT

PVCu Doors - Secure 2 Roller 2 Mushroom Replacement Lock

B	Max OL	Min OL	Max TR	Min TR	Max TM	Min TM	Max BR	Min BR	Max BM	Min BM
35	1985	1421	921	639	565	283	976	694	620	338

Part No. **Euro Cylinder** 6135-2R2M-KIT **Vectis Plus** 9135-2R2M-KIT

Composite / Timber Doors - High Security 2 Hook Replacement Lock

B	Max OL	Min OL	Max TH	Min TH	Max BH	Min BH
45	1987	1075	816	360	871	415

Part No. **Euro Cylinder** 6345-2H-KIT **Vectis Plus** 9345-2H-KIT

Technical Information

Corrosion resistance

Meets the requirements of BS EN 1670:2007 Grade 4 (240 hours)

Performance

Endurance tested in excess of 50,000 cycles

Material Specification

Lock case:	Steel BZP CR3 Passivate + Seal
Face bar:	Steel BZP CR3 Passivate + Seal
Hooks:	Steel BZP CR3 Passivate + Seal
Sash bolt:	Steel BZP CR3 Passivate + Seal
Rollers / Mushrooms:	Steel BZP CR3 Passivate + Seal
Keeps:	Steel BZP CR3 Passivate + Seal

Packaging

Locks:

1 kit per box

Maintenance

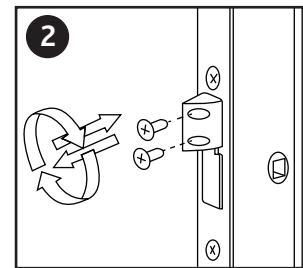
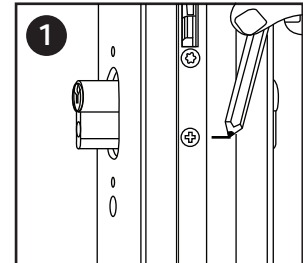
All moving parts should be lightly lubricated using a light non-acidic mineral oil (e.g. "3 in 1") twice per year and the surface cleaned with a soft damp cloth. The product may need to be adjusted and fixings tightened to ensure a satisfactory operation.



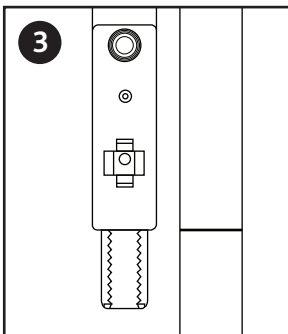
Replacement Lock Fitting Instructions

(Please read before installation)

- 1) Remove existing door handles and the spindle
- 2) Mark the position of the key cylinder screw with a pencil mark on the edge of the door (see Fig 1)
- 3) Remove the key cylinder, please note which way around it is (one side may be longer than the other)
- 4) Remove the old lock from the door, clean down the edge making sure you still have the cylinder lock mark. Also, remove all keeps from the frame
- 5) Offer the Replacement Gearbox up to the door edge locating it into previous slot. It may not fit into the door first time and plastic / timber may have to be cut out of the slot to allow it to locate properly. You must re-align the lock cylinder screw hole with that of the pencil mark on the edge of the door



NOTE: Please check the latch curve is the correct way, if not remove the 2 screws in the latch bolt. Pull out the latch bolt, rotate it ½ turn then immediately replace it back in the lock. Refit the screw and re-tighten firmly (see Fig 2)



- 6) Off the hook & roller (PVCu) or hook only extension (timber/composite) to the door edge locating it into the groove, ensuring the hook boxes sit in the existing apertures

- **FIRSTLY** - With the hooks NOT thrown (unlocked), mark the face bar of the extension piece at the point where the face bar of the gearbox section meet. (see Fig 3) Carefully cut the face bar only at the stage. **DO NOT** cut the drive bar (teeth) at this stage
- **SECONDLY** - Measure 22mm from the end of the face bar you gave just cut and trim the drive bar (teeth) - repeat for the bottom bar

- 7) Insert the newly cut top extension bar teeth into the receiving block ensuring the face bars meet, secure in place.
A) Repeat on the bottom bar and secure all 3 components in place using screws provided
- 8) On each end of the gearbox sections slide the cover up (top bar) and down (bottom bar) to the point where the fixing holes are visible then secure with the screws provided
- 9) Re-insert the cylinder making sure it's inserted the right way
- 10) Refit the handles and spindle to the door
- 11) Throw the lock by lifting the handle upwards 45 degrees, the action should be smooth
- 12) Pull the handle down 45 degrees
- 13) Gently close the door to check that it will close and open smoothly

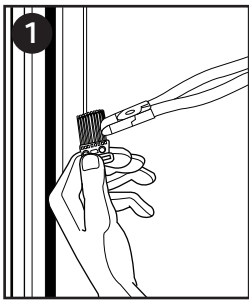


Replacement Lock Fitting Instructions

Fitting the Keeps

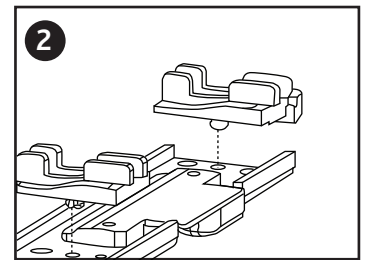
PVCu Keeps

The PVCu keeps use packers to locate onto the frame. The packers need to be configured to suit the frame profile



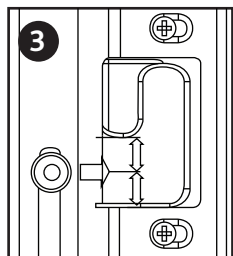
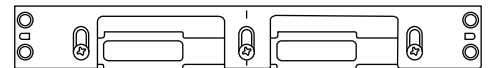
1) To configure the packer, hold one to the frame, the small 'flags' of the packer have to be pushed into the packer body except where the 'tongue' of the frame is. With one made up hold the packer to the frame, if correct continue with remaining packers or amend accordingly. The flags not used are cut off (Fig 1)

2) The packers are then snapped into the keeps 'U' channel (Fig 2)



NOTE: There is a special packer for each end

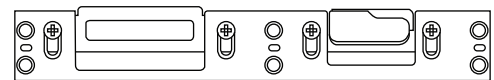
3) To fit the centre keep, slightly close the door and with a pencil, mark the door frame edge line with the datum line on the lock face bar (this is located under the ERA snib). Open the door and locate the centre keep, matching the datum line (centre of the keep) to the pencil mark previously drawn, ensuring the adjustable plates are located to the front face of the frame. Plastic may have to be cut out of the frame to allow it to locate properly



4) Screw the keep in place using the screws provided

5) Locate top hook and roller keep, ensuring the roller keep 'mouth' is centrally positioned when closing the door (Fig 3)

6) Screw the keep in place using the screws provided; repeat process for bottom hook and roller keep



NOTE: Keep adjustment. Keeps may be adjusted to give better seal compression. Firstly loosen keep retaining screws and slide the keep insert on its slotted screw holes, then re-tighten using a hand-screwdriver. Roller may be rotated $\pm 1/4$ of a turn

1. To fit the centre keep, slightly close the door and with a pencil, mark the door frame edge line with the datum line on the lock face bar (this is located under the ERA snib). Open the door and locate the centre keep, matching the centre fixing hole to the pencil mark previously drawn, ensuring the curved end is located to the front face of the frame. Timber may have to be cut out of the frame to allow it to locate properly.

2. Screw the keep in place using the screws provided

3. Locate hook keeps, ensuring the hooks will engage - nominal clearance of 3mm from hook throat to keep aperture (measured vertically when locked - Fig 4)

4. Screw the keeps in place using the screws provided

