

FITTING INSTRUCTIONS FOR PVC SIDE HINGED DOORS

AZAD 1026

IMPORTANT NOTES

- i** Please read these instructions fully before beginning any work.
- ii** Dependant upon door design and size, some fixing points may coincide with where the door panel is at its thinnest.

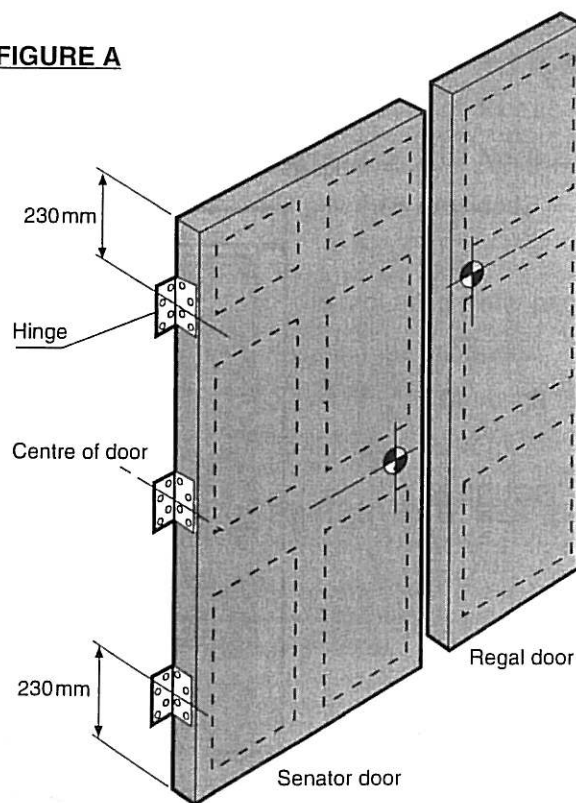
These areas are more easily distinguishable on Elite doors than Thermal and Thermal Plus doors which are shielded by the backing sheet. Prior to drilling any holes in the rear of the door, identify if any hole may penetrate the front face taking measurements if required. Ensure drill stops are set and if necessary omit the relevant fixing screw securing only where it is safe to do so.

- iii** With the doors in the closed position there should be a minimum gap of 6mm between the two leaves.

FIXING HINGES

- 1** Fix top and bottom hinges 230mm from top and bottom of each door leaf to the centre line of each hinge (**Fig A**).
The centre line of the middle hinge coincides with the centre line of the door (**Fig A**). Drill pilot holes using a suitable drill and fix hinges to doors using No. 8 x 1" CSK self tapping screws provided.
- 2** Centralise one door leaf within the door jamb and support in the open position, mark the hinge positions on jamb and rebate hinges into door jamb to suit. Fix each hinge in position on jamb using 1 off No. 8 x 1 1/4" self tapping screw only at this stage.

FIGURE A



● = Lock position-centrally between embossments as shown 60mm from edge of door.

Repeat this procedure for the second door ensuring that the distance between the lintel and the top of the second door panel is constant so that the doors align when closed.

NOTE: If door jambs are of unequal height ensure that the first door leaf fitted is to the shortest jamb to ensure the second door fitted clears the concrete floor.

- 3 Check that gap between doors is at least 6mm. If so, fit remainder of screws for fixing hinges to jambs.

FIXING BOLTS (Fig. B)

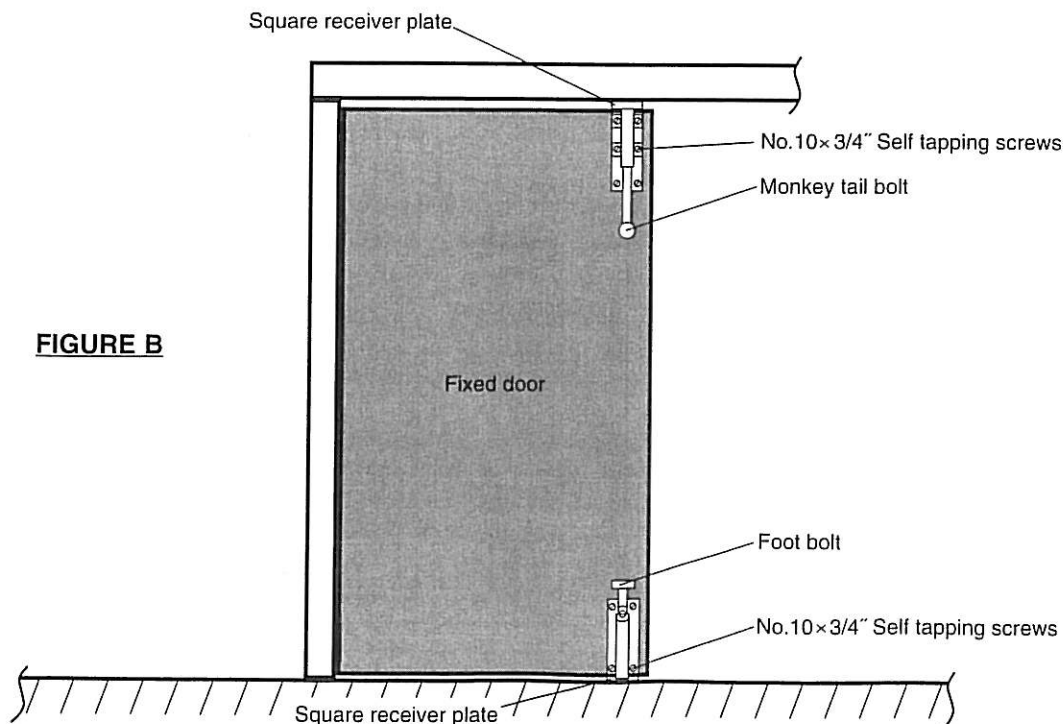
- 1 From inside the garage fit the monkey tail bolt to top of rear leaf of fixed door using 6 off No. 10 × 3/4" pozi pan head self tapping screws Provided. Ensure that the bolt body finishes flush with the top of the door.
- 2 Cut away wooden baton to clear bolt body and square receiver plate as required.

- 3 Close door against baton and raise bolt to meet top lintel. Mark position of bolt onto top lintel and chisel out to suit a depth of 25mm. Fit square receiver plate using 4 off No. 10 × 3/4" pozi pan head self tapping screws ensuring that there is no excessive play between the door and baton.

NOTE: THE BOLT MUST ENGAGE INTO TOP LINTEL OF FRAME AND **NOT** INTO WOODEN BATON.

- 4 Fix foot bolt to rear of fixed door leaf using 4 off No. 10 × 3/4" pozi pan head self tapping screws provided. Ensure that bolt body finishes flush with bottom of door.

- 5 Close door against baton, lower bolt to meet concrete floor and mark position. Chisel out floor to take square bolt and fit square receiver plate to floor using 4 off No. 10 × 3/4" self tapping screws and rawl plugs provided. Drill holes for rawl plugs using 8mm masonry drill.



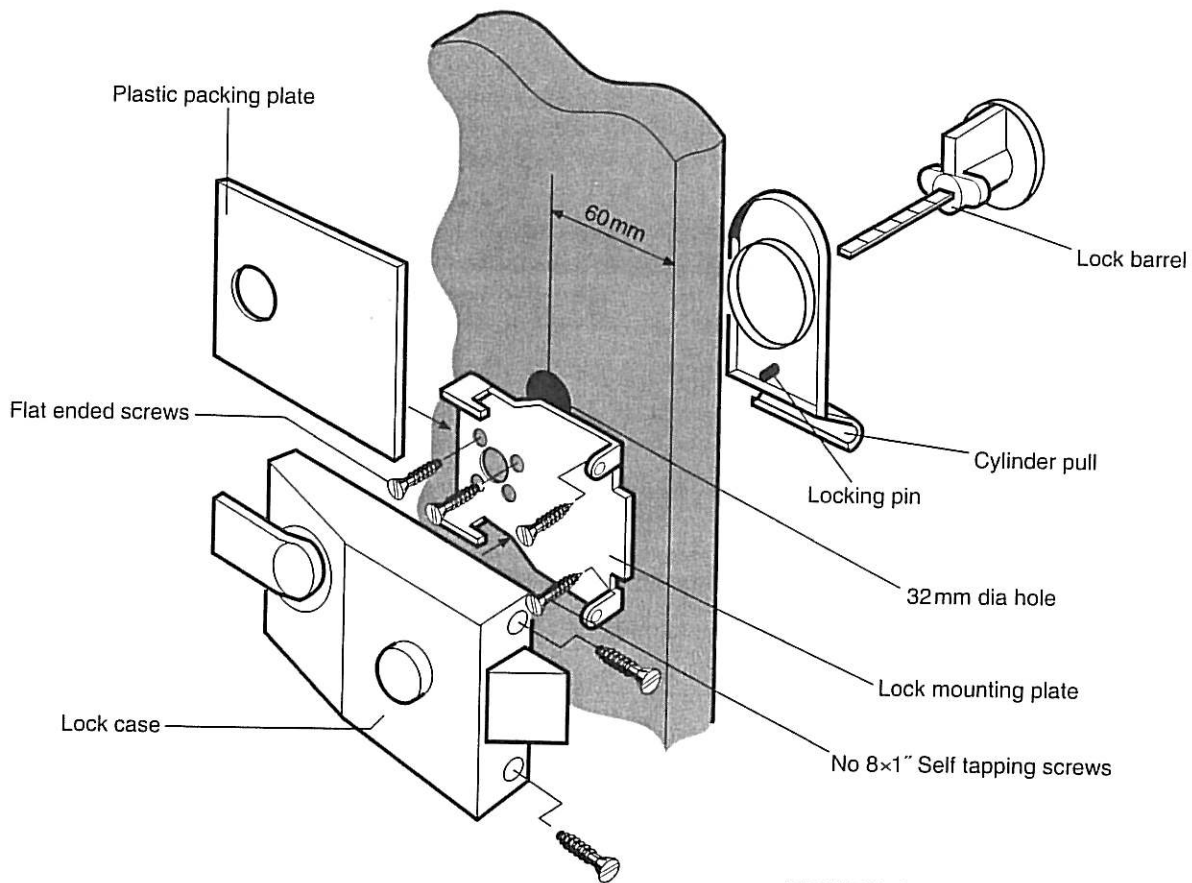


FIGURE C

FITTING NIGHT LATCH

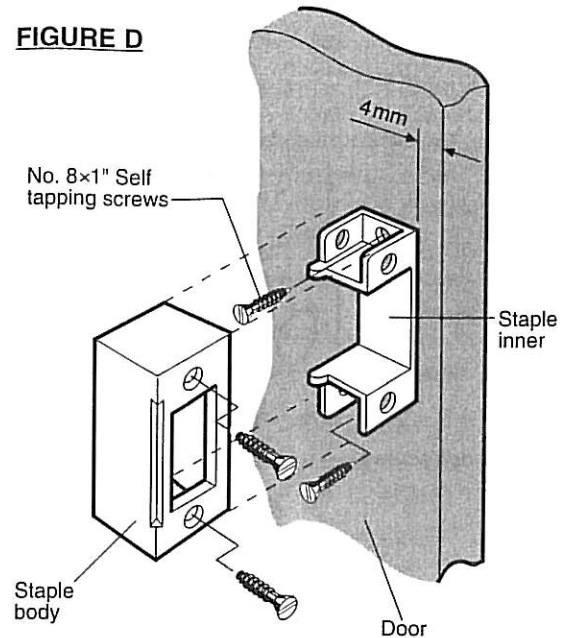
- 1 From inside of garage, mark on the opening door the lock position. The lock height is defined by the door style (**Fig.A**) but must be 60mm from the door edge (**Fig. C**)
- 2 Drill 6mm pilot hole through panel from back of door and from front of door bore a 32mm diameter hole through door
- 3 Place lock barrel into brass cylinder pull and pass through door panel. Cut the notched connecting bar so that it protrudes 13mm (1/2") from rear of door. (See sketch 2B on Yale fitting instructions)
- 4 Align the brass cylinder pull and mark on the face where the locking pin of the cylinder pull locates. Drill door face to suit so that cylinder pull fits flush on door face.
- 5 Drill plastic packing plate to match lock mounting plate, position mounting plate and packing plate on back of door as shown and secure using 2 off No. 8 x 1" CSK self tapping screws provided.
- 6 Secure cylinder to mounting plate/ packing plate as shown using the flat ended connecting screws provided through top pair of holes in mounting plate.

DO NOT OVER TIGHTEN SCREWS:
THIS WILL RESULT IN DISTORTION OF THE PANEL.
- 7 Fit lock case following steps 5 – 6 on Yale fitting instructions (No. 89).

NOTE: – For Thermal Plus doors the return edge of the surround extrusion will need to be removed locally with a file.

- 8 Close the door and using the lock case as a guide, mark the position of the staple (**Fig. D**).
- 9 Fit staple inner to door using No. 8 x 1" CSK self tapping screws provided.
NOTE: – The staple inner should be fitted 4mm from edge of door (**Fig. D**). To ensure staple body fits flush with door edge.
- 10 Secure staple body to staple inner using screws provided.
NOTE: – The staple may be overlapped slightly to cater for larger gaps and increasing the latch overlap. However, a clearance of at least 5mm between lock and staple must be maintained.

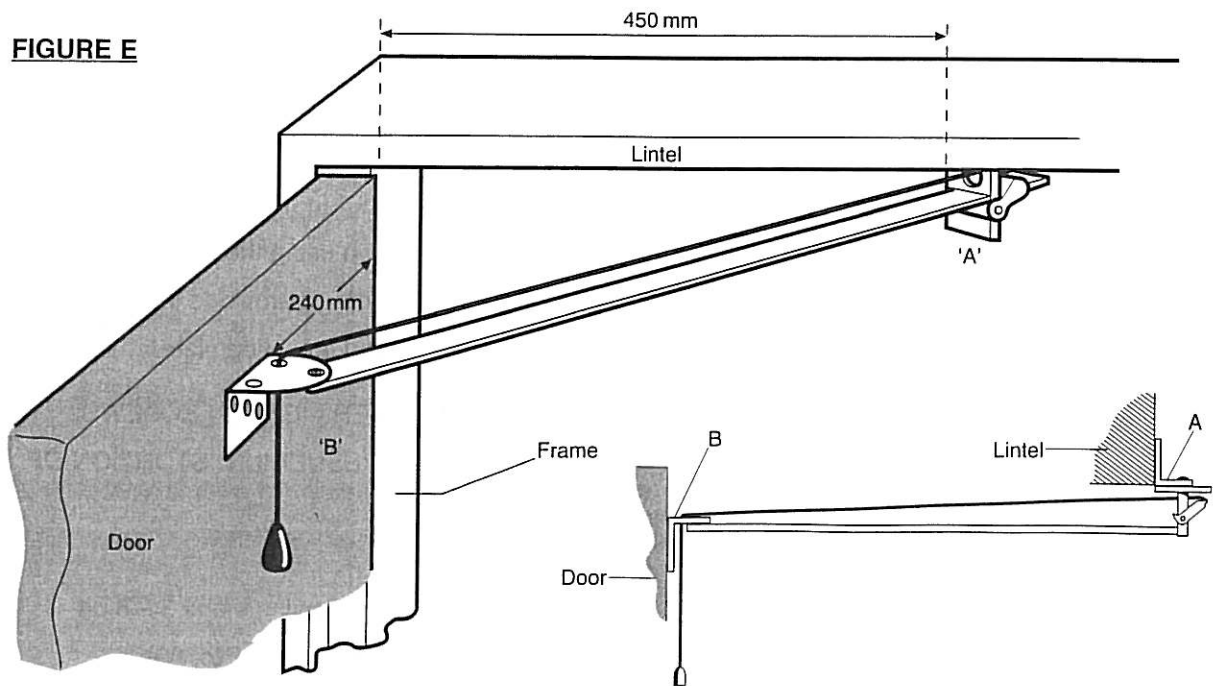
FIGURE D



FITTING INSTRUCTIONS – DOOR STAYS

- 1 Open door to form right angle with door frame.
- 2 Fix bracket 'A' to the rear of door lintel using 2 off NO.10 x 3/4" self tapping screws at the distance shown below, ensuring the bracket plate is fixed with its front edge square onto the lintel but set back from the door rebate.
- 3 Fix bracket 'B' to the door in position below using 2 off NO.10 x 3/4" self tapping screws. **The bar must be horizontal.**
- 4 Should door be required to open wider than 90° both brackets must be moved nearer the hinge.

FIGURE E



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