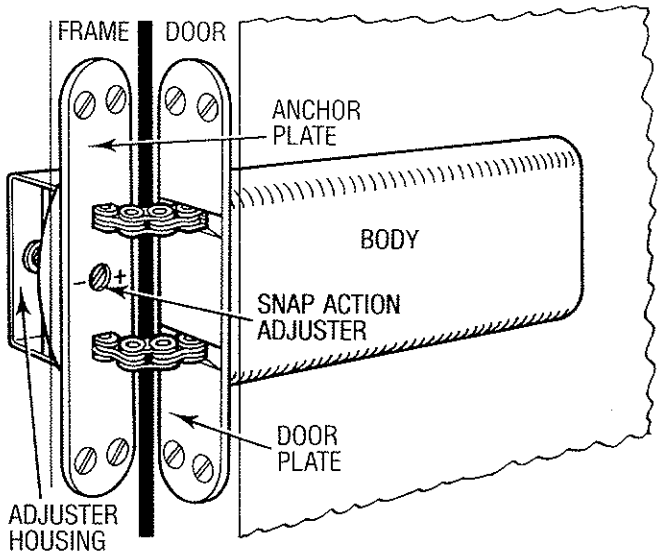
PERKOMATIC

HIDE-DRAULIC DOOR CLOSER

FIXING INSTRUCTIONS

FITTED POSITION



The Perkomatic is a concealed hydraulic door closer for use on internal doors weighing up to 75kg.

It is not recommended for use on doors fitted with parliament, projecting or rising butt hinges, due to the chain length being restricted to 1¾".

The door may be restrained with a stop so as not to exceed the 1¾" chain length maximum (see section 2).

A D.B.B. morticer is suggested for large scale contract work.

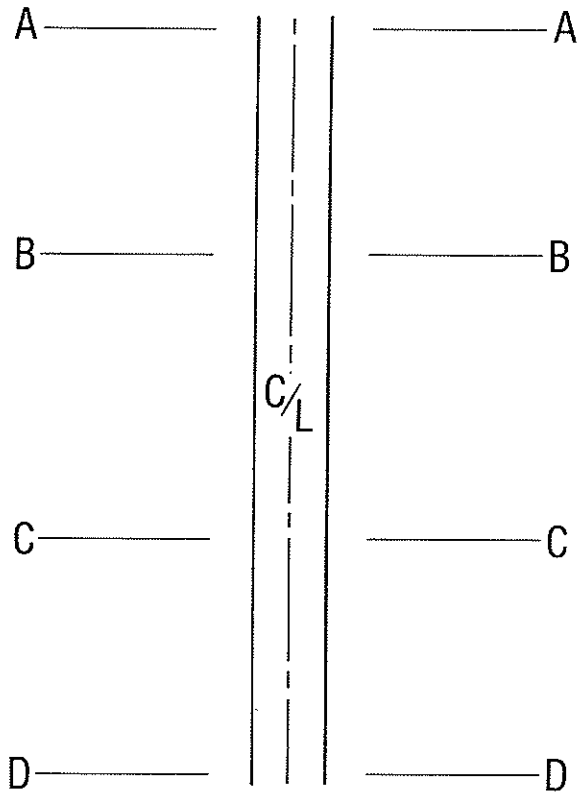
Restricted ventilation or the fitting of door seals can affect the performance of the Perkomatic as with other closers.

TEAR ALONG DOTTED LINE

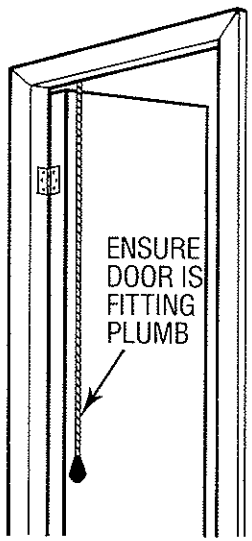
(SEE REFERENCE 2)

PERKOMATIC

TEMPLATE

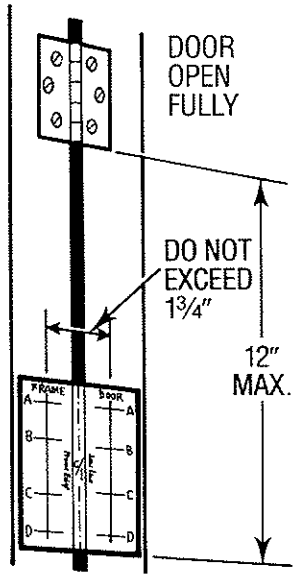


1 PREPARATION



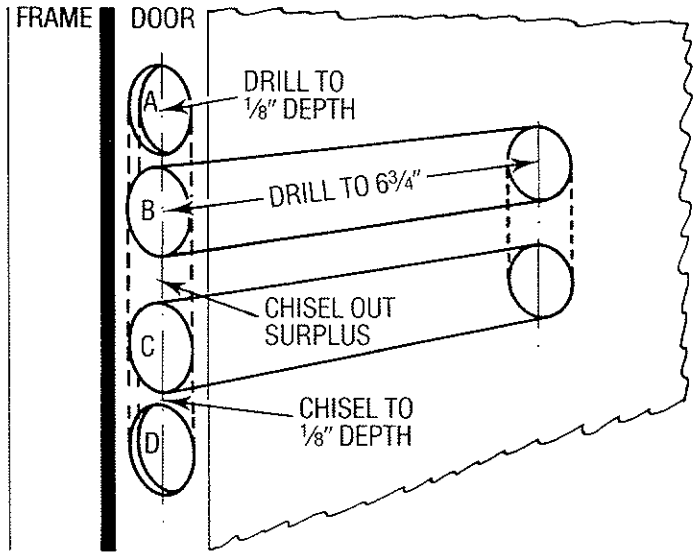
BEFORE fixing a Perkomatic, check with a plumb-bob/spirit level to see that the door is hung plumb. The unique push-through facility of the Perkomatic, which allows the door to be closed without resistance, necessitates that the door should be plumb and should not swing of its own accord. Realign door if necessary. The hinges on the door should be free-running with no frictional resistance.

2 USE OF TEMPLATE



Open door fully. Choosing a position within 12" of any hinge, pin template to the door edge and frame, ensuring the central dotted line is central in the gap between the door and frame. Draw vertical lines equi distant from the central dotted line on both door and frame sides. **(The MAXIMUM distance between these vertical lines, to facilitate 180° opening is 1¾")** Where they cross horizontal lines A.B.C. & D. mark through template into door edge and frame to establish drilling points.

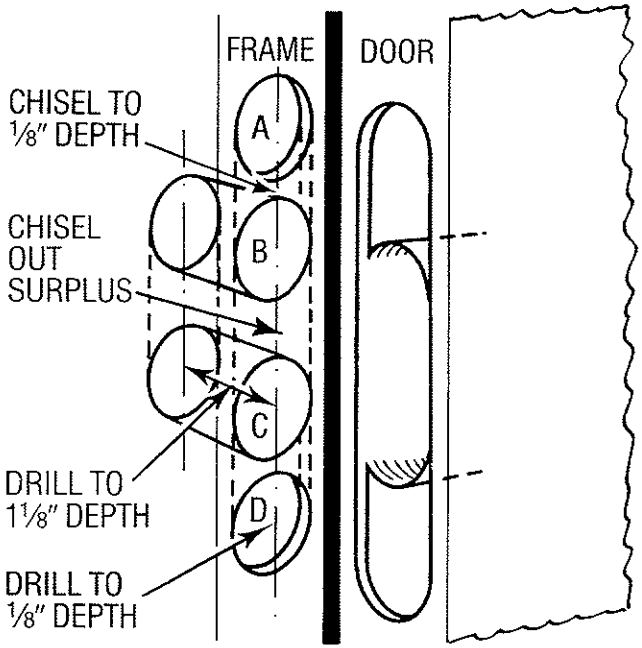
3 DOOR DRILLING & CHISELLING



Remove template. It will now be necessary to drill the door. If there is not sufficient room to apply the drill squarely, remove the door from its hinges.

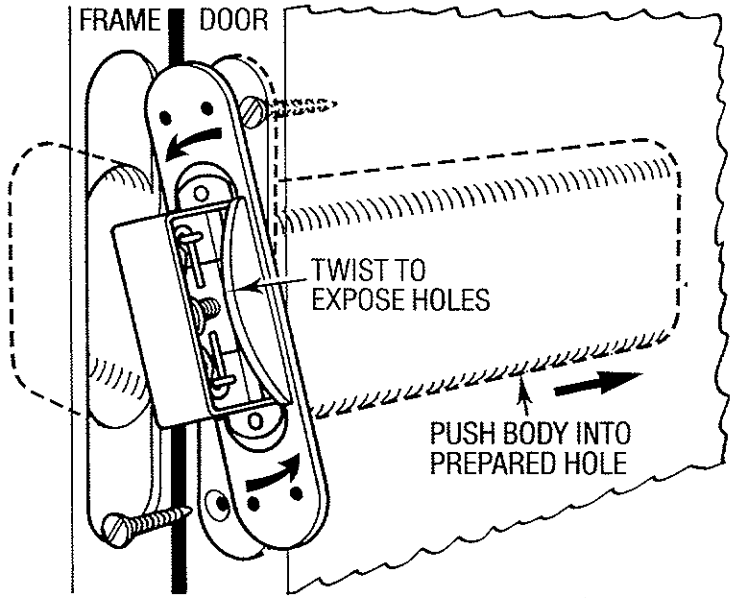
Using a 1" bit, bore holes A & D first to a maximum depth of ⅛" Holes B & C should then be bored to a depth of 6¾". Surplus wood should be removed by chisel to allow the body of the Perkomatic to be easily inserted, & brass door plate to rebate into door edge.

4 DOOR FRAME DRILLING & CHISELLING



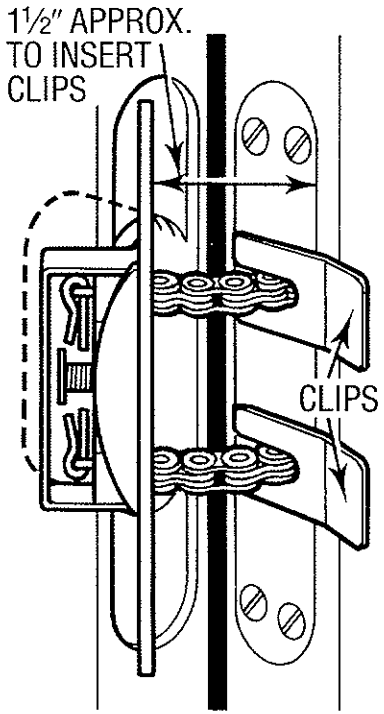
Using similar methods to door, bore holes A & D first to a depth of 1/8". Holes B & C should then be bored to a depth of 1 1/8". Surplus wood should be removed by chisel to allow the adjuster housing to be easily inserted & anchor plate to rebate into frame.

5 FITTING THE BODY TO DOOR



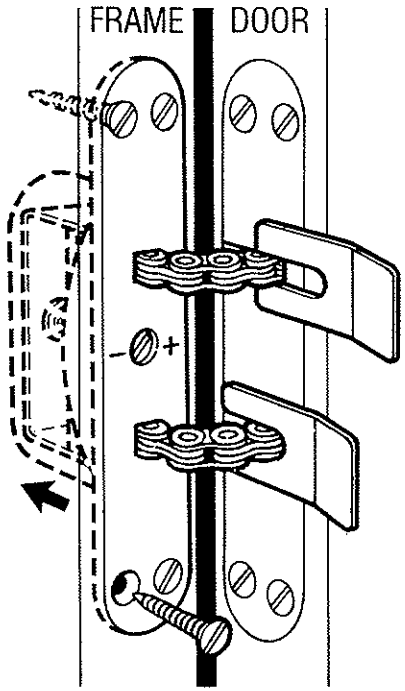
The main body of the Perkomatic may now be fitted into the door. When the body is inserted, twist the anchor plate to expose screw holes in door plate. Fix using 4 screws. If removed for ease of drilling, the door may now be rehung making sure it is plumb as Fig. 1.

6 EXPOSE CHAINS



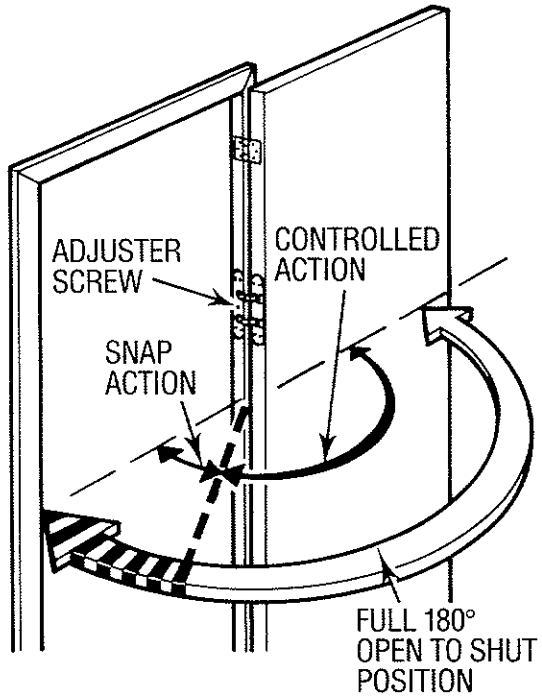
Prize plates apart (using claw hammer) to expose chains. Insert clips top & bottom, progressively increasing gap between plates to 1½" maximum. The clips prevent the chains from retracting & thus assist in fixing the adjuster housing (Fig. 7).

7 FITTING ANCHOR PLATE TO FRAME



The anchor plate assembly may now be fitted into recess and fixed using 4 screws. Remove clips.

8 SNAP ACTION & ADJUSTMENT



The snap action is adjustable and is the final latching action to close the door into the frame.

The adjuster screw is located in the centre of the anchor plate and will, if turned clockwise, extend the point from the frame at which the snap action takes effect. If turned anticlockwise it will reduce the point at which the snap action takes effect.

Adjust accordingly to suit conditions/latch strength.