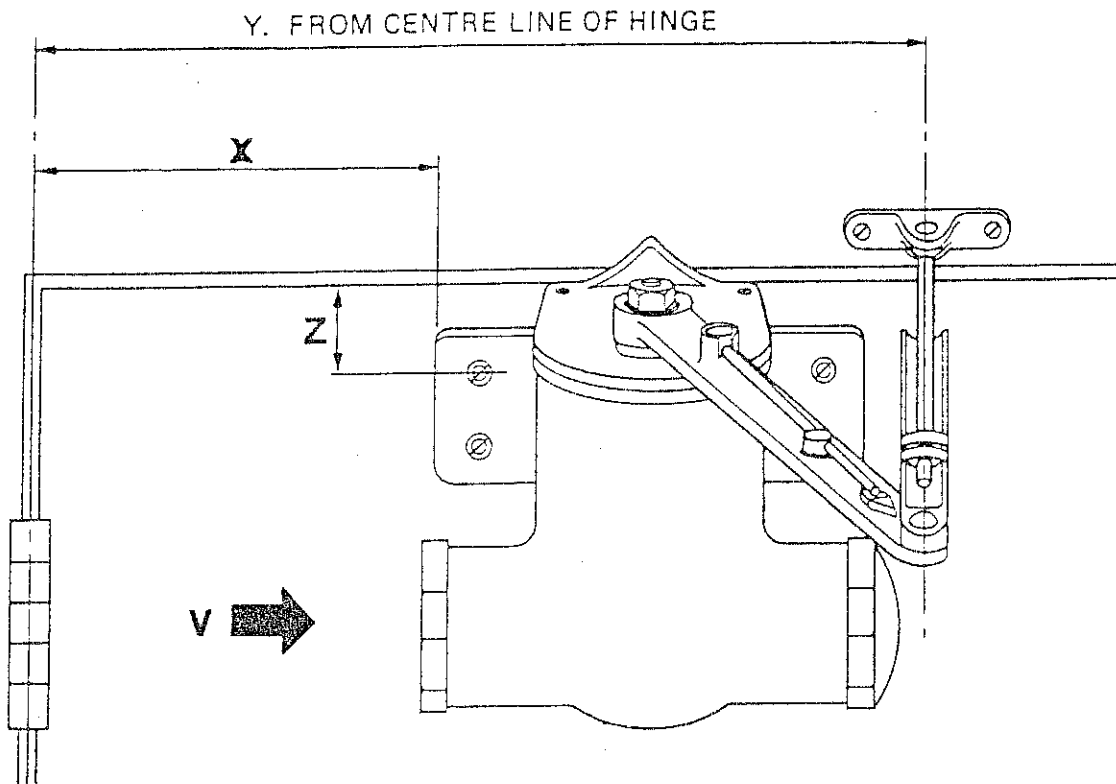




INSTRUCTIONS FOR FIXING THE CLOSER TO HOLD DOOR OPEN AT 90°



		SIZE OF DOOR CLOSER			
DIMENSION		A	B	C	B200
X	ins.	5"	6"	6"	5 ¹ / ₈ "
	mm.	127	152	152	143
Y	ins.	10"	11 ³ / ₈ "	12"	11 ¹ / ₈ "
	mm.	254	289	305	283
Z	ins.	¹ / ₈ "	^{1 1} / ₂ "	1"	³ / ₄ "
	mm.	22	24	25	19

The dimensions given will produce, as near as possible, a 90° stand open position. If it is required to be even more exact, remove the pin from the arm bracket, lengthen or shorten the screwed arm as required and replace the pin.

In order to overcome a stubborn latch, the strength of the Spring should be increased by turning the toothed rack clockwise with spanner provided.

To close the door more slowly, turn the valve screw shown above at "V" clockwise and vice versa.

THE ABOVE DIMENSIONS APPLY ONLY IN CIRCUMSTANCES WHERE THE FACE OF THE DOOR IS FLUSH WITH THE FACE OF THE HEAD FRAME. OTHER CONDITIONS MAY CAUSE A SLIGHT ADJUSTMENT IN DIMENSIONS TO BE NECESSARY.

INSTALLATION INSTRUCTIONS FOR THE BRITON 'T' SERIES FIG. 66 DOOR CLOSER

Ref. No. 0003/156



THESE CLOSERS SUIT ONE HAND OF DOOR ONLY
Arms supplied with closer allow door to open back to 180°

DOOR SIZE LIMITATIONS

closer model	internal doors
B	930mm x 2130mm
C	1070mm x 2280mm

For external doors in a sheltered position, consideration should be given for using a stronger closer.

IMPORTANT

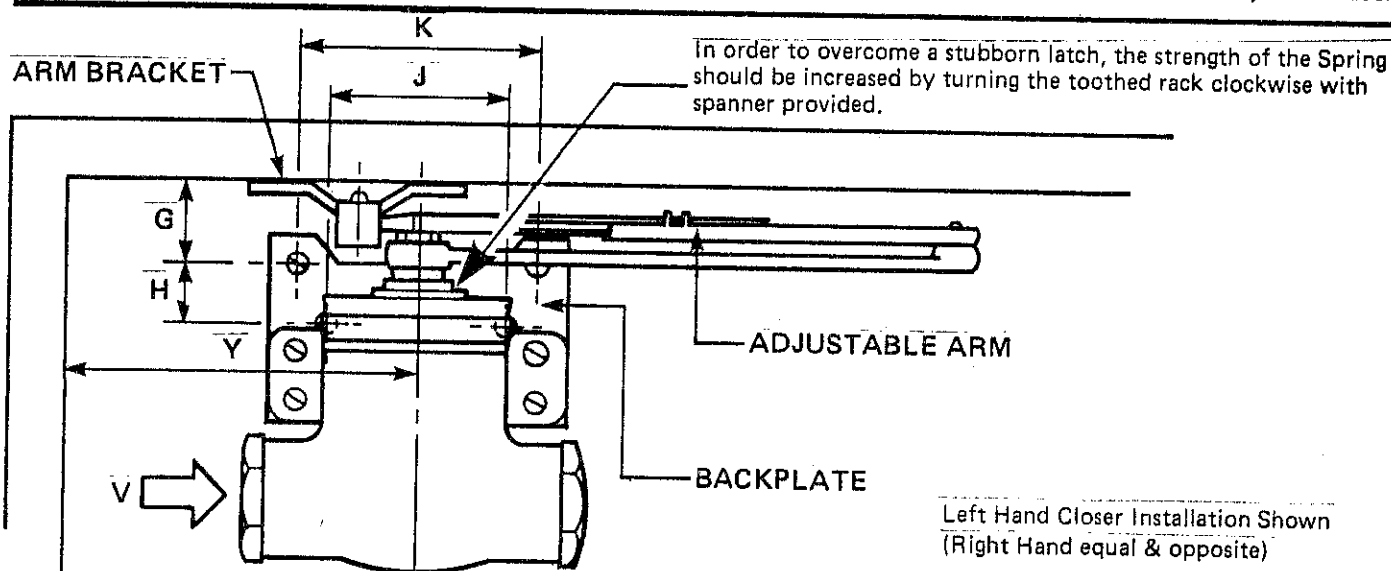
This closer must be installed by a competent fixer who should pass these instructions onto the site or maintenance manager once the closer has been satisfactorily fixed. No responsibility can be accepted by the manufacturers if these installation instructions are disregarded.

Door must swing freely and close easily into its rebate to enable closer to operate efficiently.

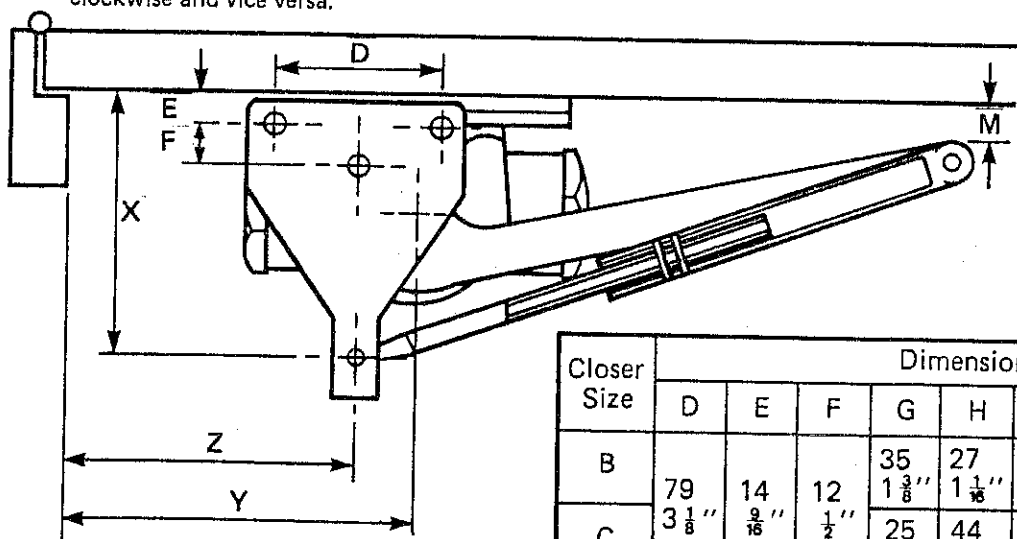
A door stop should be fitted to prevent door from opening back too far and damaging the door frame surround.

MAINTENANCE

Quarterly check that door closer closes the door correctly and that fixing screws are tight. Periodically apply light oil to arm knuckle joint and door hinges.



To close the door more slowly, turn the valve screw shown above at 'V' clockwise and vice versa.

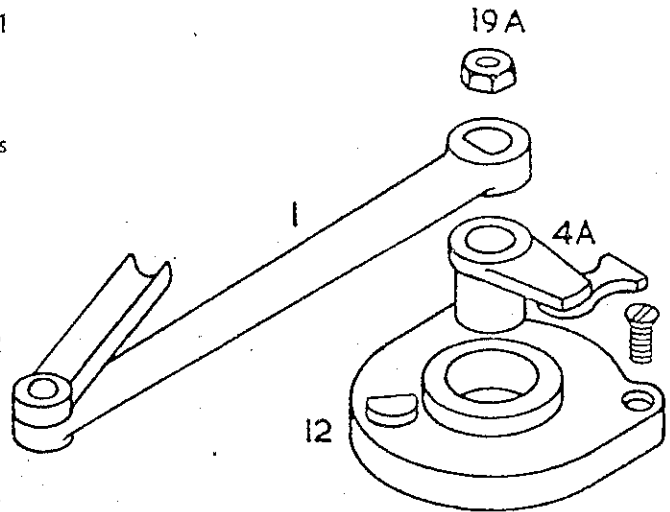


Closer Size	Dimensions (mm-inches)										
	D	E	F	G	H	J	K	M	X	Y	Z
B	79	14	12	35	27	78	103	16		152	127
	3 1/8"	9/16"	1/2"	1 3/8"	1 1/8"	3 1/16"	4 1/16"	5/8"	114	6"	5"
C				25	44	81	105	19	4 1/2"	178	152
				1"	1 3/4"	3 3/8"	4 1/8"	3/4"		7"	6"

- ① Fix back plate to 'push-side' of door to dimensions 'Y', 'G' & 'H' with 4 - No.12 x 1 1/4" woodscrews.
- ② Fix arm bracket to head frame to dimensions 'X' & 'Z' with 3 - No.12 x 1 1/4" woodscrews.
- ③ Secure door closer to back plate with 4 - M6 metal thread screws.
- ④ Engage end of adjustable arm into arm bracket, insert pin and secure with starlok washer.
IMPORTANT: TO AVOID UNAUTHORISED REMOVAL OF ARM BRACKET PIN PLEASE SECURE PIN BY USING STARLOK WASHER PROVIDED.
- ⑤ Check that dimension 'M' is correct to instructions, if necessary disconnect screwed arm and screw in or out to obtain correct distance.

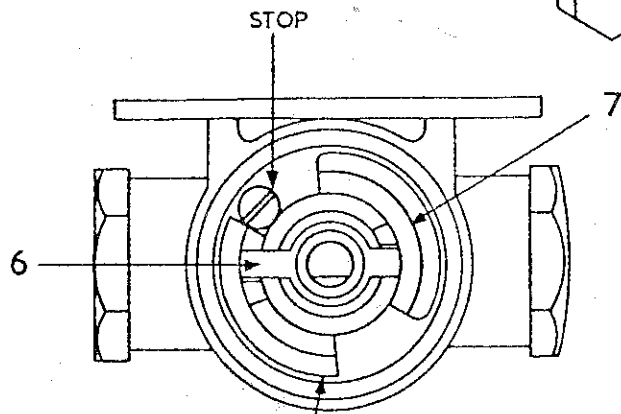
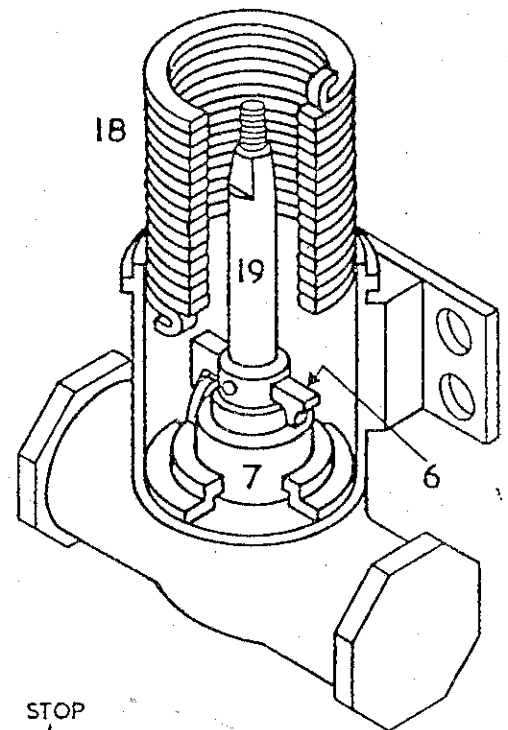
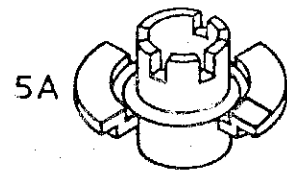
INSTRUCTIONS FOR FITTING NEW COIL

- (1) Remove the hexagon Nut 19A to disconnect Arm 1 from the spindle.
- (2) Tap sharply on the underside of the arm unit until it is released from the spindle.
- (3) Prise up and remove Sleeve 4A
- (4) Remove the two screws and lift off the Cover 12
- (5) Remove Top Spring Clip 5A
- (6) Remove the Coil Spring 18. Take care to extract any broken fragments from the base of the spring chamber.



The closer is now prepared to receive a new coil. Proceed as follows:-

- (7) Rotate the Spindle 19 Clockwise until the taper flat on the screwed end is facing the front of the closer. The short arm of the Middle Spring Clip 6 should now be pointing right viewed from the front of the closer.
- (8) Rotate the Bottom Spring Clip 7 clockwise until it contacts the stop in the base of the chamber.
- (9) Insert the new coil spring into the chamber. Make sure that the spring hook engages on the Bottom Clip flange where shown in the diagram.
- (10) Replace the Top Spring Clip 5A with the castle head upwards. Engage the taper lip on the outer flange into the hook on the top of the spring.
- (11) Replace the Cover 12 with two screws.
- (12) Replace the sleeve 4A. Push down into the castle head and rotate until the pawl leg is against the flat side of the stop on the Cover.
- (13) Replace the Arm and hex. Nut.
- (14) Engage the Spanner with the castle head, rotate clockwise, and engage the pawl in the castle head when slight tension is felt on the Spanner. From this position rotate a further two notches and engage the pawl.



ATTACH HOOK OF SPRING HERE