

Fixing Instructions For - 9151A, 9151ADC, 9151ASO 9156A, 9156ADC & 9156ASO

FI9151A.

Issue 04-04/22



Instructions To Be Used In Conjunction With Templates FT9151 Or FT9156.

Adjustment Of The Latch Action & Closing Speed

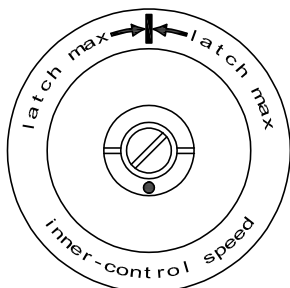
1

In normal circumstances, a closing time of approximately 5 seconds from 90° is required. In order for the closer to meet the requirements of the 1991 Building Regulation, the closer must be capable of closing the door from any angle and against any latch.

To test this:

Open the door to its maximum opening angle and release. The door should close fully into the frame and overcome (without slamming) any latch fitted.

If a latch is fitted, open the door and rest the latch bolt on the strike. Release the door. The door should have enough power to latch the door completely closed. The controls for adjusting the latch action and closing speed are located below the push on end cap at the hinge end of the door closer body.



Latch Adjustment (outer ring) 'On' with spot in current position.

Closing Adjustment (inner screw) rotate clockwise to reduce closing speed (Use small supplied tool).

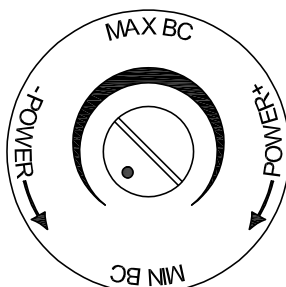
Adjustment Of Power And Backcheck

2

The control for adjusting the power and the backcheck is located beneath the push on end cap on the end of the closer body away from the hinge edge. The power should be set to the minimum required to properly close the door so that the opening force is not excessive.

If the door opens against a reveal, a doorstop should be fitted to prevent damage to the wall and the hardware. In this case the angle at which the backcheck comes into force should be adjusted to provide a visible snubbing action at approximately 80 degrees. If the door opens into a clear space the angle of backcheck should be adjusted to suit the particular requirements of the situation.

Both functions are controlled by a single screw. Power is adjusted first.



15 turns of the screw control the power from maximum to minimum (anti-clockwise for less power).

The angle of backcheck resistance is adjusted from minimum to maximum within half a turn (minimum as drawn with dot in position shown above).

Warning

3

Any failure to close the door must be investigated. It may indicate that the door closer power needs adjusting, or that the door requires excessive force to close due to differential air pressures or misalignment of hinges.

If the cause is not due to the door closer, it should be corrected before product installation.

Maintenance

4

The internal mechanism of the Figure 1 / Figure 66 closer's are completely immersed in oil and they are designed so that maintenance is not required. The unit is also protected by two overload abuse safety valves against accidental or deliberate misuse. Once the door closer has been correctly fitted no further adjustments should be necessary. However, a frequent check should ensure that the door closes freely and positively into the frame without slamming (a little light oil or aerosol lubricant on the hinges, latch bolt and arm pivot may be helpful). Check all fixing screws are tight and that the hexagonal bolt holding the arm set to the spindle is tight.

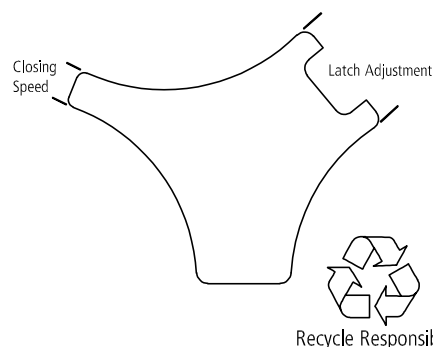
IMPORTANT NOTE

5

This door closer complies with BS EN 1154: 97 all classes up to 180° opening. Sizes 2, 3 and 4 suitable for internal and external doors.

The storage and use of this closer shall be in dry conditions between -5°C and +40°C. Indefinite shelf life within guaranteed period. On fire doors ensure power setting is not less than factory setting.

	ALLGOOD PLC 63-83 BREARLEY STREET, BIRMINGHAM B19 3NT						
		2017					
2812-CPR-AD0001	EN 1154: 1997 + A1:2002	3	8	2-4	1	1	3



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General Checklist

1

Check that the door closer is the correct model. Select appropriate frame bracket (see below).

Check the position of the closer relative to the configuration of the door (e.g. which side of the door & either left or right hand).

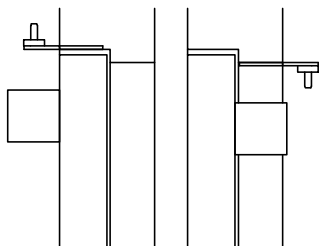
Checklist of parts:

Door closer body, end plates, spindle cap, arm and link assembly, frame bracket, button fastener, fixing screws, washer, hexagon bolt spanner and adjuster key.

Frame Brackets - Supplied

2

The closer's are supplied as standard, with soffit plates as shown below, for fixing to the underside of the head frame and are suitable for timber frames, including those with projecting architraves.



Warning

3

On no account should any attempt be made to dismantle the body of these door closer's, as the compressed spring will be released causing injury.



Installation Instructions

4

Check that the door swings freely and latches easily before attempting to fix the closer.

Preparing door leaf and frame:

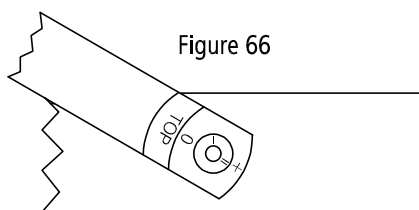
Hold the appropriate template against the door leaf. Ensure that the centreline of the hinge and the underside of the head frame are lined up. Mark all hole centres.

For 9151A, mark the position of the frame bracket and mortice out as required. The marks on the bracket should align with the face of the door. For timber frames, drill pilot holes for the bracket with a 3mm diameter drill.

Drill pilot holes for the body with a 3mm drill at an angle of 18° (see template).

Note:

The hole sizes shown are for soft timber only. The hole sizes may be adjusted to suit other materials in these cases. The door or frame manufacturer should recommend the hole diameter.



Align the '+' on the arm with the 'II' on the spindle.

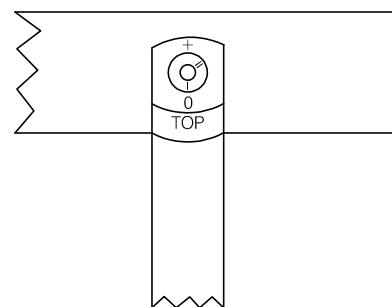
Installation Instructions

5

Carefully remove "push on" end plates. Ensure short side of body is nearest to hinge and that the spindle cap is at the bottom of the body.

Align arm and spindle identification marks (see below) and securely fit the arm to the spindle with the hexagon bolt and washer provided using the large tool (supplied).

Figure 1

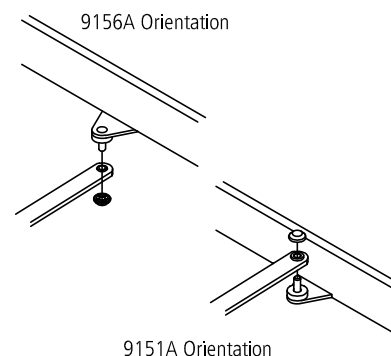


Align the '0' on the arm with the 'I' on the spindle.

Fix the door closer body to the door with the No.8 screws supplied.

Note that with the 9156A closer, the arm must first be rotated parallel to the door to allow the closer body to fix to the door. Align '+' with 'II'. Fix the frame bracket to the frame with No.8 screws supplied.

Connect the arm to the frame bracket with the button fastener/pivot pin supplied.



Recycle Responsibly