

## D&E classique - installation instructions

C/SfB

31

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December 2013

### The Groom Classique is suitable for inward opening doors only

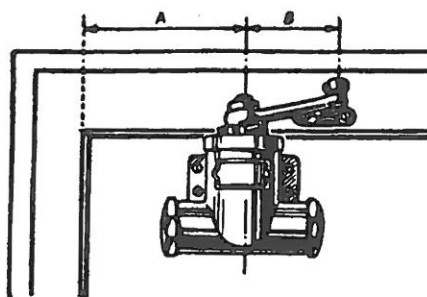


Fig 1. Door Hung  
On Left = RH Closer ( D )

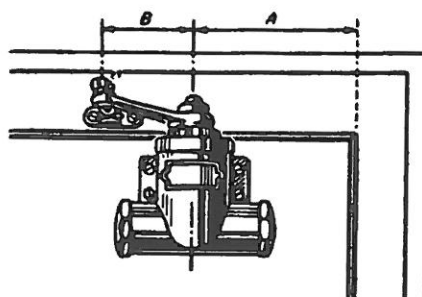


Fig 2. Door Hung  
On Right = LH Closer ( G )

Dimension A, the distance from the centre line of the hinge to the pinion of the closer, varies according to the size of the closer and the required opening angle of the door.

| Door Opening<br>To 90° |        | Door Opening<br>Beyond 90° |        |
|------------------------|--------|----------------------------|--------|
| Size                   | A      | Size                       | A      |
| 3                      | 240 mm | 3                          | 180 mm |
| 4                      | 260 mm | 4                          | 200 mm |
| 5                      | 310 mm | 5                          | 230 mm |
| 6                      | 350 mm | 6                          | 290 mm |

Dimension B, the distance from the pinion of the closer to the centre of the shoe, is ALWAYS 80mm when installed in standard configuration.

### Adjustment

- 1) Adjust spring power by using the wrench provided to turn the ratchet from the hinge side to the lock side - ( Maximum 8 clicks )
- 2) Adjust the closing power to overcome latching action or air pressure resistance, adjust the threaded of the arm to match Fig 3. Fig 4 will effectively delete any latching action.
- 3) Adjust closing speed via the hydraulic valve located on the right side of the closer body.

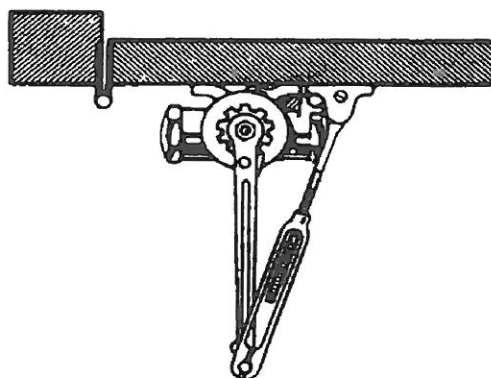


Fig 3.

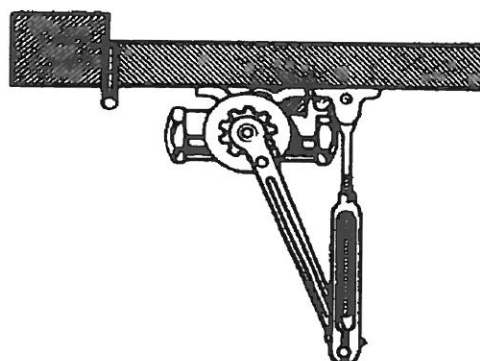


Fig 4.

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## Reversing The Handing

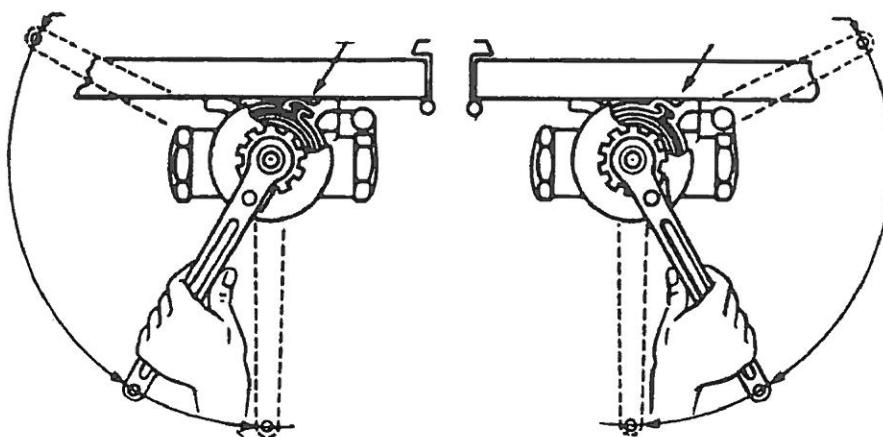


Fig 5a. Left Hand

Fig 5b. Right Hand

Fit the arm to obtain check action at the position shown behind the door .

Closers are normally supplied in right hand configuration. To change to left hand, remove the arm, ratchet and cover; withdraw the spring from the housing, reverse it and replace, ensuring that the tail of the spring is correctly located in the groove of the housing, i.e. RH closer - ( the tail points to the left - see Fig 5b ).

Replace the cover and the ratchet, ensuring that the slot of the ratchet housing is aligned with the inner tail of the spring.

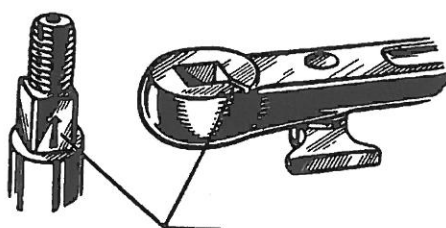
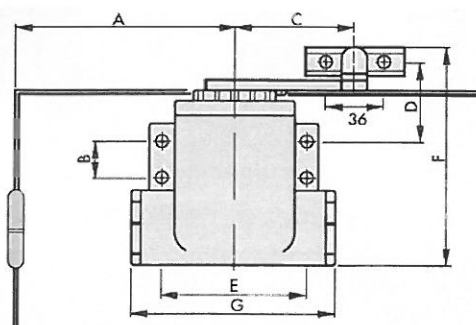


Fig 6.

When fitting the arm, ensure that the mark on the arm lines up with the arrow on the pinion, irrespective of the handing of the closer ( Fig 6 ). The exception to this is when the Conversion Bracket is to be installed, when the mark on the arm goes on the opposite side to the arrow on the pinion.



| Code                        | Size 3 | Size 4 | Size 5 | Size 6 |
|-----------------------------|--------|--------|--------|--------|
| A - Door Opening to 90°     | 240    | 260    | 310    | 350    |
| A - Door Opening Beyond 90° | 180    | 200    | 230    | 290    |
| B                           | 29     | 33     | 35     | 40     |
| C                           | 80     | 80     | 80     | 80     |
| D                           | 48     | 48     | 60     | 72     |
| E                           | 85     | 96     | 107    | 120    |
| F                           | 145    | 160    | 185    | 215    |
| G                           | 135    | 145    | 170    | 194    |