

7 Adjusting Door and Latch Speed: 6 Series

REGULATING DOOR SPEED AND LATCHING SPEED

TURN SOCKET SCREW CLOCKWISE TO SLOW DOWN—OR COUNTER—CLOCKWISE TO SPEED UP DOOR MOVEMENT.

THIS VALVE CONTROLS DOOR SPEED

THIS VALVE CONTROLS LATCHING SPEED

1/8" HEX SOCKET WRENCH

8 Adjusting Closer Strength: 6 Series

ADJUST SPRING POWER

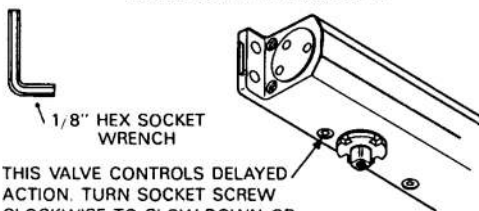
ADJUST SPRING POWER FOR DOOR WIDTH AS INDICATED IN CHART. TO INCREASE CLOSING POWER, TURN SPRING ADJUSTING NUT CLOCKWISE. MAXIMUM ADJUSTMENT IS APPROXIMATELY 11 TURNS.

SPRING ADJUSTING NUT

9 Set Delayed Action: 6 Series

FOR MODELS HAVING "DELAYED ACTION"

"DELAYED ACTION" IS OBTAINED BY OPENING DOOR INTO THE DELAYING RANGE, AS SHOWN, UPON RELEASE, THE DOOR TRAVELS SLOWLY THRU THE DELAYING RANGE THEN CONTINUES AT REGULAR SPEED IN THE NORMAL RELEASE RANGE UNTIL CLOSED. THE NORMAL RELEASE RANGE IS APPROXIMATELY 70°



THIS VALVE CONTROLS DELAYED ACTION. TURN SOCKET SCREW CLOCKWISE TO SLOW DOWN OR COUNTER CLOCKWISE TO SPEED UP DOOR MOVEMENT.

10 Set Backcheck: 6 Series

REGULATING BACKCHECK

THE INTENSITY OF BACKCHECK ACTION IS REGULATED BY VALVE SHOWN. TURN CLOCKWISE TO INCREASE —OR COUNTERCLOCKWISE TO DECREASE CHECKING. CAUTION: SET VALVE FOR A SLIGHT CUSHIONING EFFECT. IT IS DAMAGING TO THE CLOSER IF THE CHECKING ACTION IS TOO ABRUPT. BACKCHECK SHOULD NEVER BE USED IN LIEU OF A DOOR STOP.

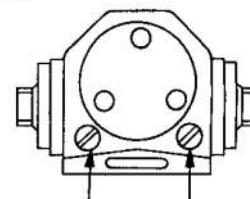
THIS VALVE CONTROLS BACKCHECK

1/8" HEX SOCKET WRENCH

11 Adjusting Door and Latch Speed: 4 Series

REGULATING DOOR SPEED AND LATCHING SPEED

TURN SPEED REGULATING VALVE CLOCKWISE TO SLOW DOWN—OR COUNTER—CLOCKWISE TO SPEED UP DOOR MOVEMENT.



THIS VALVE CONTROLS DOOR SPEED

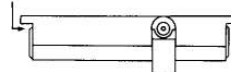
THIS VALVE CONTROLS LATCHING SPEED

12 Set Backcheck: 4 Series

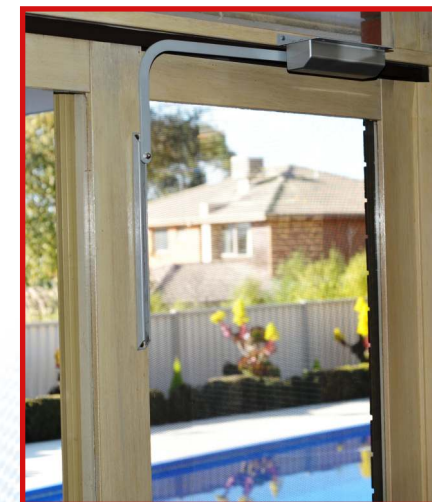
REGULATING BACKCHECK

THE INTENSITY OF BACKCHECK ACTION IS REGULATED BY VALVE SHOWN. TURN CLOCKWISE TO INCREASE —OR COUNTERCLOCKWISE TO DECREASE CHECKING. CAUTION: SET VALVE FOR A SLIGHT CUSHIONING EFFECT. IT IS DAMAGING TO THE CLOSER IF THE CHECKING ACTION IS TOO ABRUPT. BACKCHECK SHOULD NEVER BE USED IN LIEU OF A DOOR STOP.

THIS VALVE CONTROLS BACKCHECK



INSTRUCTIONS FOR ASSEMBLY



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1 Ensure Door Functions correctly

- Remove all dirt and debris from tracks.
- Ensure wheels are rolling freely.
- Replace wheels or tracks if required.
- The door needs to continue moving in the direction it is pushed for 30cm after a gentle push.
- Remove / replace / trim weather felts if required.



2 Determine the orientation of closer

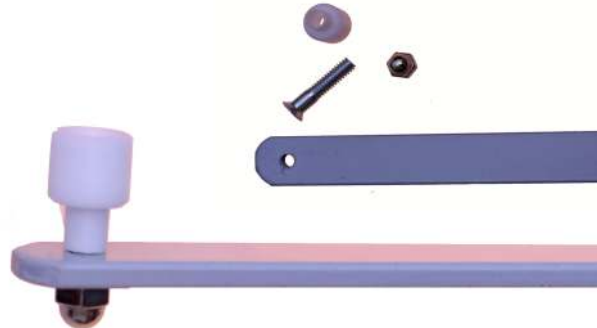
- Doors opening to the right; attach closer arm with elbow to the left and free to rotate downwards in a counterclockwise direction.
- Doors opening to the left; attach closer arm with elbow to the right and free to rotate downwards in a clockwise direction.
- Insert spacer (6 series only) and secure arm with the arm screw.

Oriented for right hand opening door



3 Attach Arm Roller

- Use roller screw and allen key to secure the roller to the end of the closer arm.
- DO NOT OVERTIGHTEN - the roller must be free to turn.
- Use dome nut to lock roller in position



4 Determine bracket fixing orientation

- Option 1: Bracket fixed at right angles to the door frame with the short side secured to the door frame and the long side protruding at right angles away from the door
- Option 2: Bracket fixed to the door frame reveal. The long side of the bracket screwed to the top of the door frame reveal with the short pointing to the roof.



5 Position bracket on door frame

- Completely close the latching adjustment screw (see item 7 or 11 below)
- Pull down on the arm until it is in the horizontal position.
- With the door closed, position the closer so that the arm is parallel to the door frame and the arm roller is 20mm in from the trailing edge of the door
- Secure the bracket to the door frame with the screws provided
- Ensure the arm roller is flush with the face of the door by adjusting the position of the closer on the bracket.



6 Secure track to door frame

- With the closer fixed to the door frame pull the arm to a horizontal position and mark roller position on the back of the door.
- Align the top of the track 20mm above this mark. Mark the position of the two fixing points of the track and drill 3mm holes into the door.
- Fix the bottom of the track in position using screws provided
- Open the door slightly and slide the roller into the track from the top of the track. Open the door further to enable fixing of the top of the track to the door.

