



Surface Mounted  
Adjustable & Preset "Back-Check"  
300 Series  
Non Hold-Open  
Optional BF/DA

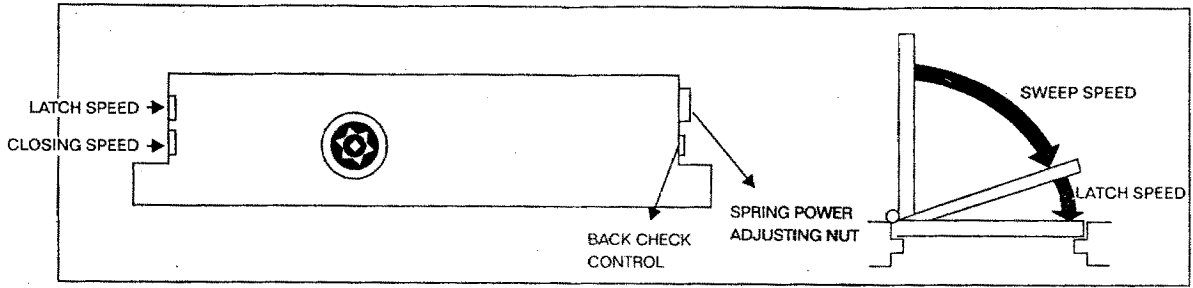
# CLOSER ADJUSTMENT

## CLOSING CYCLE

NOTE: Closing arcs ("CLOSE" and "LATCH") are controlled by two (2) separate speed adjusting valves, adjust the CLOSING speed first, then adjust the LATCHING speed.

- "CLOSING" speed adjustment is accomplished by full rotations of the speed adjusting valve.
  - Turn the speed adjusting valve CLOCKWISE for a SLOWER closing speed.
  - Turn the speed adjusting valve COUNTER-CLOCKWISE for a FASTER closing speed.
- "LATCH" speed adjustment is accomplished by full rotation of the speed adjusting valve.
  - Turn the speed adjusting screw CLOCKWISE for a SLOWER latching speed.
  - Turn the speed adjusting screw COUNTER-CLOCKWISE for a FASTER latching speed.

CAUTION!! Do not turn speed adjusting valve more than two (2) full turns counter-clockwise from its factory set position, as two speed adjusting valves could become dislodged from the door closer body, resulting in the loss of internal fluid and failure of the device.



## BACK CHECK CONTROL

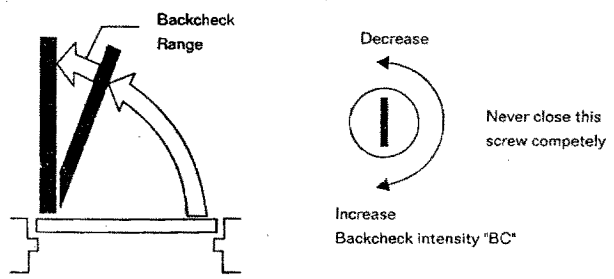
- To increase back check intensity, turn back check control valve clockwise.
- To decrease back check intensity, turn back check control valve anticlockwise.

## SPRING POWER CONTROL

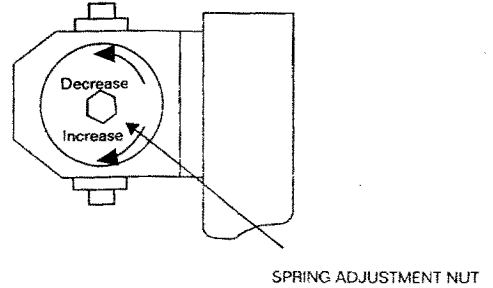
- To increase opening force and closing force, turn the spring adjusting nut clockwise.
- To decrease opening force and closing force, turn the spring adjusting nut anticlockwise.

## FULLY ADJUSTABLE SPRING

(300 SERIES CLOSERS ARE SHIPPED AS SIZE 2 ON BF (BARRIER FREE) MODELS, AND SIZE 3 ON NON BF MODEL.) ROTATE SPRING ADJUSTMENT NUT COUNTER - CLOCKWISE TO REDUCE THE SIZE, ROTATE SPRING ADJUSTMENT NUT CLOCKWISE TO INCREASE SPRING POWER.



## ADJUSTABLE SPRING MODELS



CLOSER SIZE		CLOCKWISE TURNS OF ADJUSTING NUT
BC	BF	
3	1	0
4	2	6
5	3	12
6	4	18

NOTE: MAXIMUM ADJUSTMENT IS APPROXIMATELY 18 TURNS FROM MINIMUM SETTING  
DO NOT FORCIBLY EXTEND ADJUSTMENT BEYOND LIMITS