SARGENT 281 6 DOOR CLOSER WITH PS/PSH ARMS INSTALLATION INSTRUCTIONS

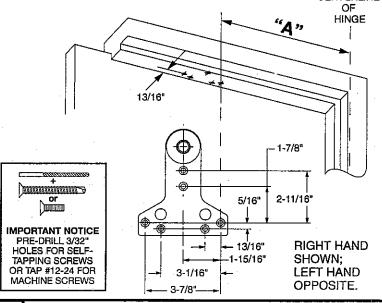
281 SERIES ADJUSTABLE FROM SIZE 1 THRU 6

CAUTION: FAILURE TO INSTALL OR ADJUST PROPERLY MAY RESULT IN INJURY OR DAMAGE. FOR ASSISTANCE CONTACT SARGENT AT 800-727-5477 or www.sargentlock.com

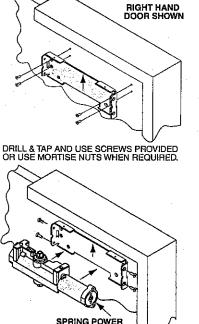
DETERMINE MAXIMUM DEGREE OF DOOR OPENING OR HOLD OPEN (PSH) REQUIRED. DRILL AND TAP DOOR AND FRAME FOR #12-24 MACHINE SCREWS. WHEN USING SELF TAPPING SCREWS PROVIDED, PREDRILL WITH 3/32" DRILL.

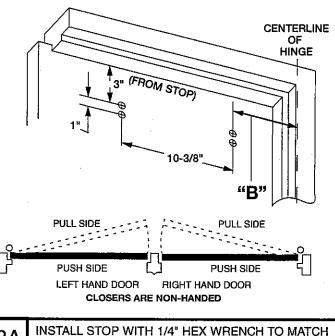
DEGREE OF DOOR OPENING AT "HOLD OPEN"						
	85°	90°	95°	100°•	105°•	110°•
DIM. "A"	10-1/2"	9-13/16"	9-3/16"	8-9/16"	8-1/16"	7-9/16"
DIM. "B"	5-11/16"	5"	4-3/8"	3-3/4"	3-1/4"	2-3/4"

- DO NOT USE WITH SWING CLEAR HINGE FOR DOOR OPENINGS
- GREATER THAN 95°, USE ALTERNATE TYPE HINGES. DEAD STOP OCCURS 3° BEYOND HOLD OPEN CENTERLINE

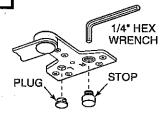


INSTALL MOUNTING **BRACKET WITH** ARROW POINTING UP FOR BOTH RH & LH DOORS. MOUNT CLOSER WITH SPRING ADJUSTING SCREW TOWARDS HINGE. (USE TEMPLATE **ENCLOSED TO LOCATE** AND DRILL HOLES)



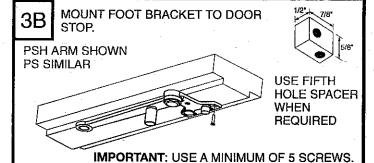


ЗА HAND OF DOOR.

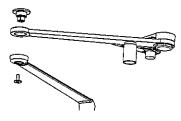


3C

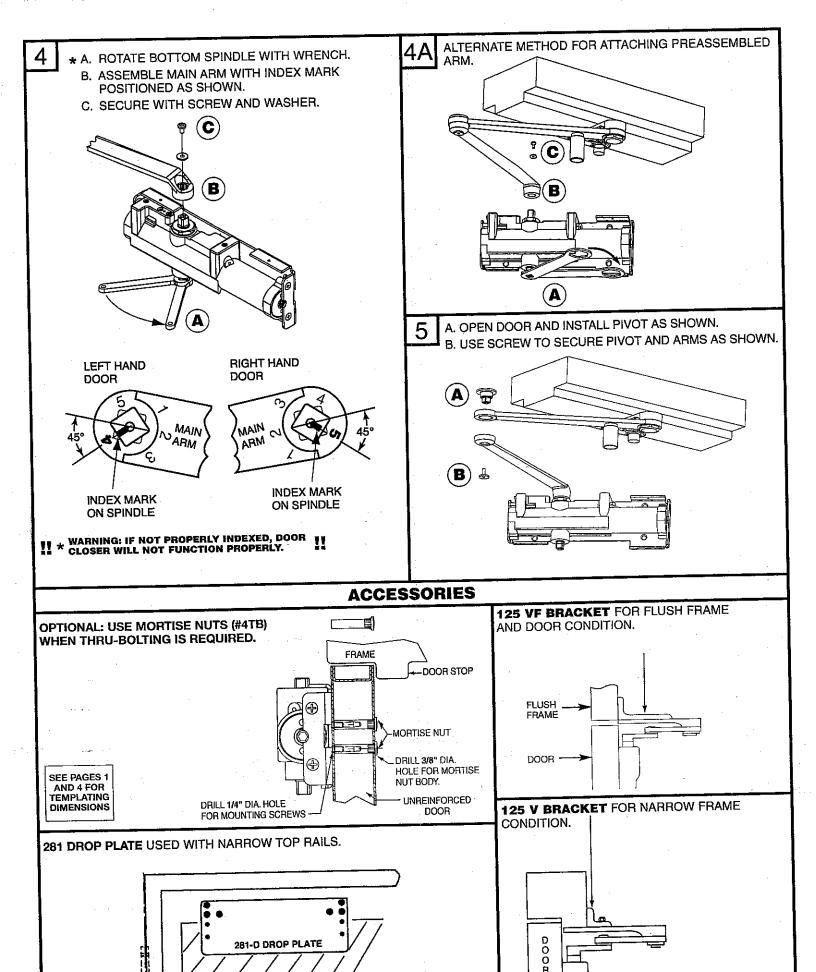
USING 1/4" HEX WRENCH, TURN STOP COUNTER-**CLOCKWISE UNTIL** SEATED VERY TIGHT.



ALTERNATE: PREASSEMBLE ARM PRIOR TO ATTACHING TO STOP.



A7315F



Window

FINAL ADJUSTMENT AND REGULATING PROCEDURES

6

MINIMUM RECOMMENDED DOOR CLOSING TIME IS 6 SECONDS FOR DOORS OPENED TO 90 DEGREES.



DOWN

USE 1/8" HEX (ALLEN) WRENCH TO ADJUST VALVES AS NEEDED.

CLOSING AND LATCHING SPEEDS:

TURN VALVES CLOCKWISE TO SLOW DOWN OR COUNTERCLOCKWISE TO SPEED UP DOOR MOVEMENT.

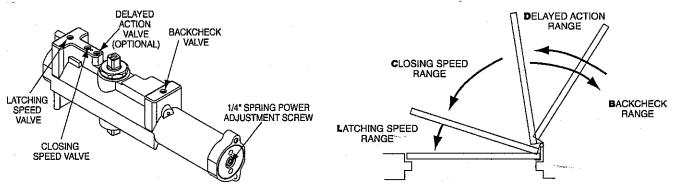
BACKCHECK:

TO REGULATE THE INTENSITY OF BACKCHECK ACTION TURN VALVE CLOCKWISE TO INCREASE OR COUNTER-CLOCKWISE TO DECREASE CHECKING.

CAUTION: SET VALVE FOR SLIGHT CUSHIONING EFFECT; CLOSER CAN BE DAMAGED IF THE CHECKING ACTION IS TOO ABRUPT. NEVER USE THE BACKCHECK AS A DOOR STOP. ALWAYS USE A DOOR STOP TO STOP THE DOOR.

DELAYED ACTION FEATURE (OPTIONAL FEATURE ON SOME MODELS):

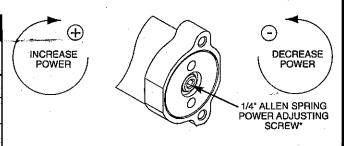
"DELAYED ACTION" PROVIDES SLOW DOOR CLOSING THROUGH THE DELAYED ACTION RANGE. TURN VALVE CLOCKWISE TO SLOW DOWN OR COUNTERCLOCKWISE TO SPEED UP DOOR MOVEMENT.



ADJUST POWER TO ALLOW DOOR TO CLOSE AND LATCH.

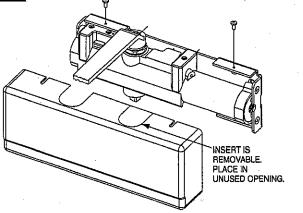
NUMBER OF TURNS OF SPRING POWER ADJUSTING NUT DOOR WIDTH **EXTERIOR DOORS** *INTERIOR DOORS (INCHES) Turn screw 1-5 24-30 Turn screw 2-7 30-36 Turn screw 7-11 Turn screw 3-6 36-42 Turn screw 11-15 **FACTORY SET** Turn screw 15-17 🏻 42-48 Turn screw 8 & up

DOOR ADJUSTED TO CLOSE DUE TO HIGH DRAFT CONDITIONS MAY EXCEED ADA STANDARDS: CONSULT LOCAL ORDINANCES WHEN FIRE DOORS ARE INVOLVED.



*IF INTERIOR DOORS DO NOT HAVE TO COMPLY WITH ADA REQUIREMENTS, EXTERIOR DOOR SETTINGS ARE RECOMMENDED. WHERE STRONG DRAFTS EXIST, INCREASE SPRING POWER AS NEEDED.

8 INSTALL COVER WITH TWO SCREWS AS SHOWN.



TO ADJUST HOLDER ARM (PSH ONLY)

ALL PSH ARMS ARE SHIPPED IN NON-HOLD OPEN FROM THE FACTORY. TO SET IN HOLD OPEN, TURN THE ADJUSTING NUT APPROXIMATELY 1-1/2 TURNS CLOCKWISE.

