

1431 (POT or PHT) PUSH TRACK APPLICATION INSTALLATION INSTRUCTIONS

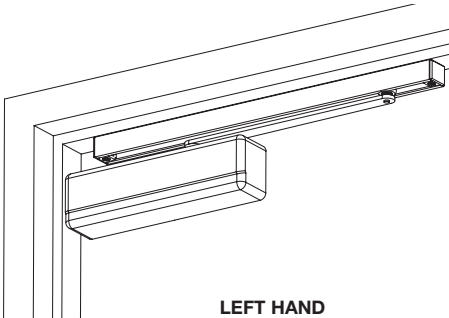
SARGENT

ASSA ABLOY

**CAUTION: FAILURE TO INSTALL OR ADJUST PROPERLY
MAY RESULT IN INJURY OR DAMAGE**

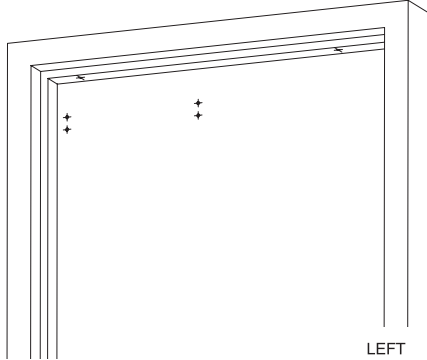
For assistance, contact SARGENT at 800-727-5477 or www.sargentlock.com

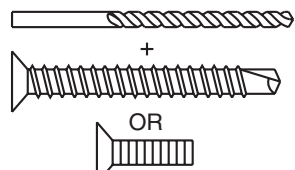
NOTE: AN AUXILIARY DOOR STOP IS REQUIRED



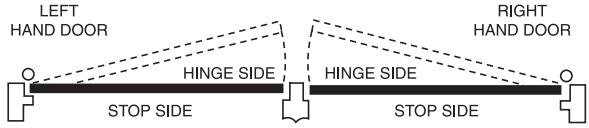
**LEFT HAND
SHOWN**

A DRILL AND TAP DOOR AND FRAME.
SEE PAGE 4 FOR DIMENSIONS





Pre-drill - 3/32" holes
for self tapping screws or #16 drill for
#12-24 tap for machine screws

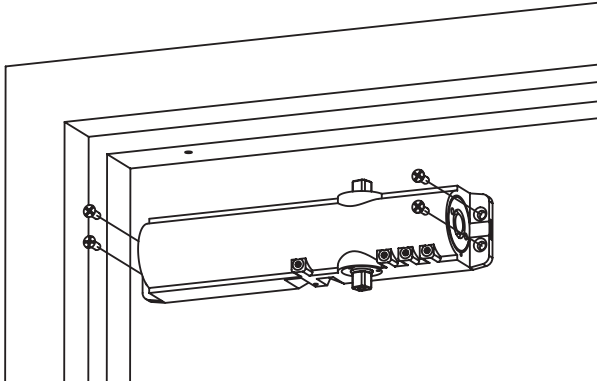


LEFT HAND DOOR RIGHT HAND DOOR

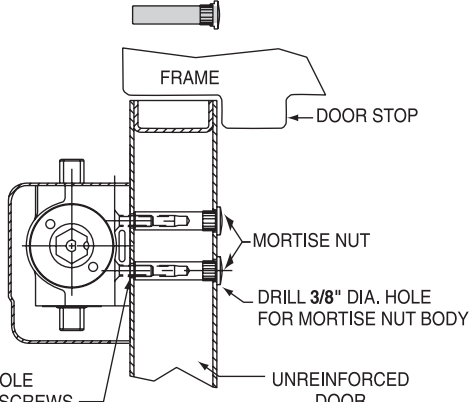
HINGE SIDE HINGE SIDE

STOP SIDE STOP SIDE

B WITH PROVIDED FASTENERS, SECURE CLOSER BODY TO DOOR
WITH POWER ADJUSTMENT FACING TOWARDS HINGE.



WHEN USING MORTISE NUTS:



FRAME

DOOR STOP

MORTISE NUT

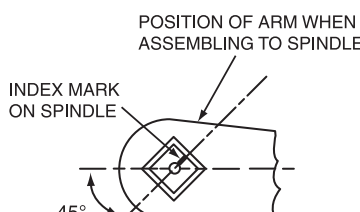
DRILL 3/8" DIA. HOLE
FOR MORTISE NUT BODY

UNREINFORCED
DOOR

DRILL 1/4" DIA. HOLE
FOR MOUNTING SCREWS

C WITH A WRENCH, ROTATE THE BOTTOM SPINDLE INTO POSITION SHOWN. ALIGN ARM TO MARK ON SPINDLE TO MATCH
HAND OF DOOR. SECURE ARM TO SPINDLE WITH SCREW AND WASHER PROVIDED. (LEFT HAND DOOR SHOWN)

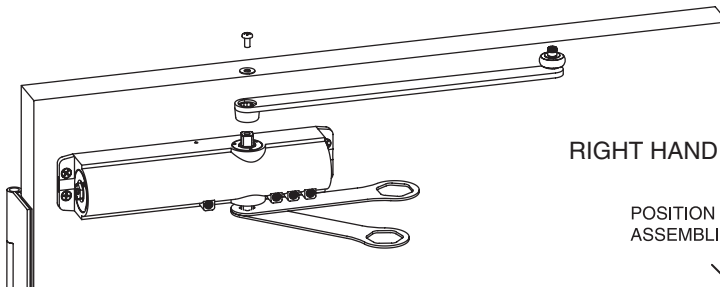
LEFT HAND



POSITION OF ARM WHEN
ASSEMBLING TO SPINDLE

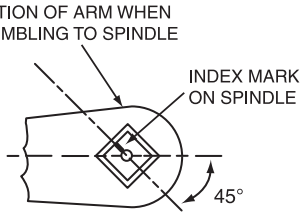
INDEX MARK
ON SPINDLE

45°



**WARNING: IF NOT PROPERLY
INDEXED, DOOR CLOSER WILL
NOT OPERATE PROPERLY**

RIGHT HAND



POSITION OF ARM WHEN
ASSEMBLING TO SPINDLE

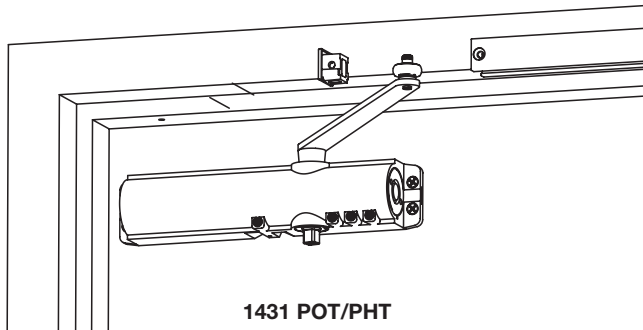
INDEX MARK
ON SPINDLE

45°

D

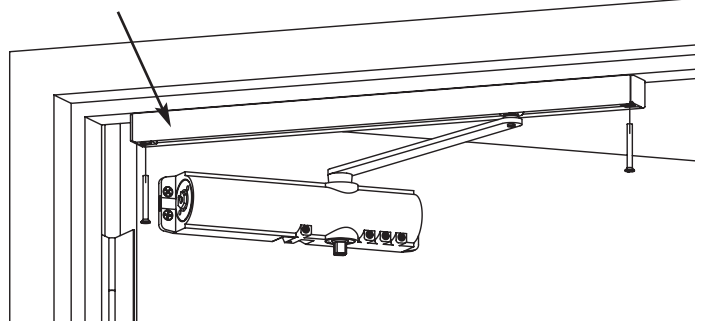
SARGENT
ASSA ABLOY

SLIDE TRACK OVER ROLLER AND INSTALL END CAPS.



1431 POT/PHT

SECURE TRACK TO FRAME WITH SCREWS PROVIDED. HOLDER/BUMPER OPTION END TOWARD HINGE



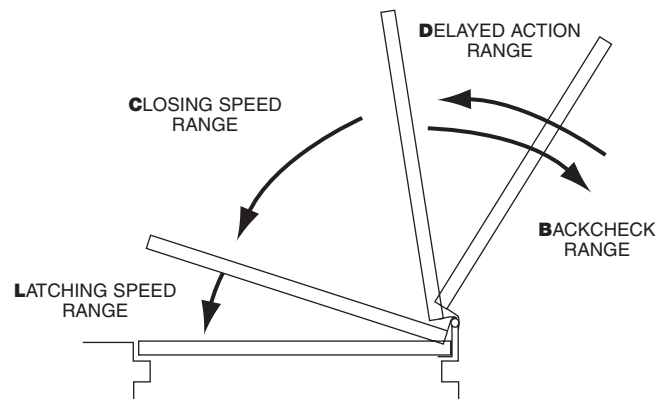
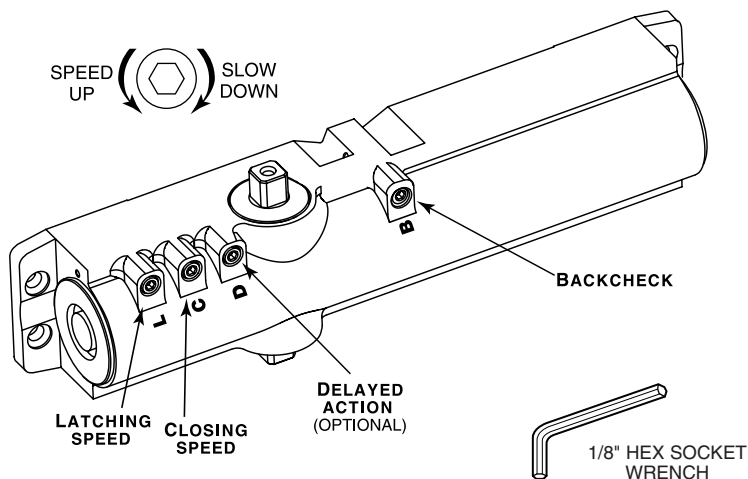
E

FINAL ADJUSTMENT AND REGULATING PROCEDURE

Adjust Door speed, and Latching speed valves to achieve the desired closing time. Recommend 6 seconds minimum from 90° to the closed position.

If Backcheck is required, adjust valve to achieve a slight cushioning effect. Auxiliary stop required.

If closer is equipped with Delayed Action, regulate valve to achieve the desired delay.



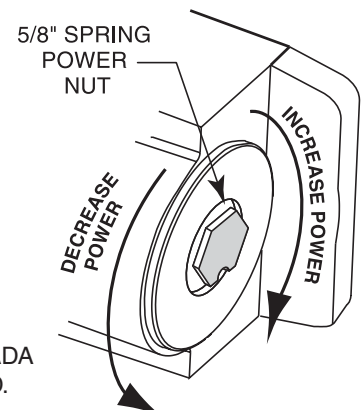
ADJUST POWER TO ALLOW DOOR TO CLOSE AND LATCH.

Adjust closing power to the minimum required to reliably close and latch door.

- If door is hard to open, decrease power slightly.
- If door does not latch, increase power as required.
- Use the chart as a starting point.
- Doors adjusted with high closing power to overcome strong draft conditions may exceed ADA standards.

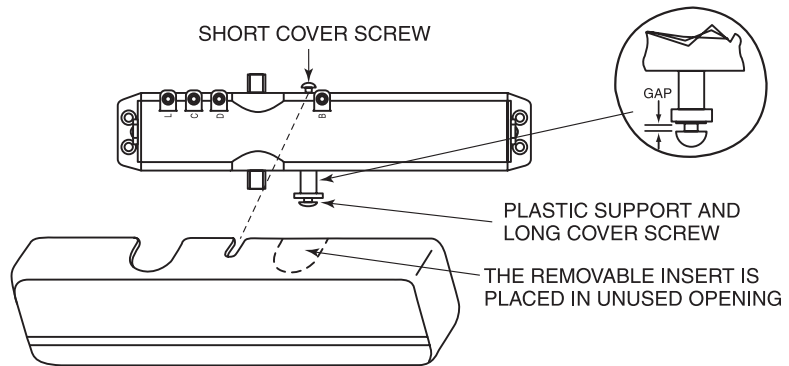
DOOR WIDTH (INCHES)	1431 DOOR CLOSER
24-30	TURN nut 1-3 CCW
30-36	FACTORY SET
36-42	TURN nut 1-3 CW
42-48	4-6 CW

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



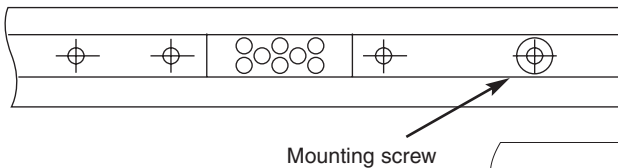
INSTALL COVER AS FOLLOWS:

1. SCREW SHORT COVER SCREW (#8-35 x 5/16) INTO TOP OF CASE APPROXIMATELY 2 TURNS
2. ASSEMBLE PLASTIC SUPPORT AND LONG COVER SCREW (# 8-32 x 1-1/4) INTO BOTTOM OF CASE APPROXIMATELY 2 TURNS.
3. HOLD SUPPORT AGAINST CASE AND SLIDE COVER INTO GAP BETWEEN FLANGE AND SCREW HEAD
4. POSITION COVER ON CLOSER AND TIGHTEN SCREWS



BUMPER ASSISTS BACKCHECK IN CUSHIONING THE OPENING FOR DOOR. IT IS NOT INTENDED TO REPLACE AN AUXILIARY DOOR STOP.

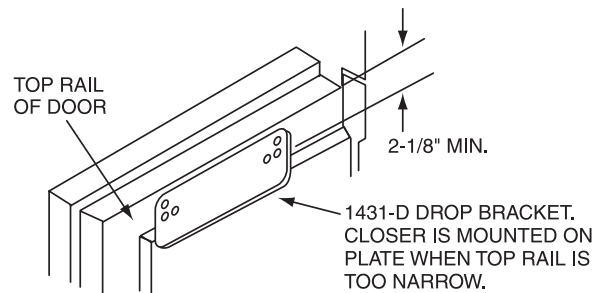
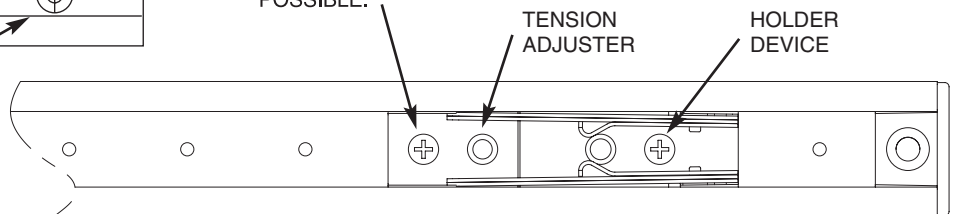
TO CHANGE BUMPER STOP LOCATION—REMOVE MOUNTING SCREW AND RELOCATE BUMPER STOP AT DESIRED POSITION.

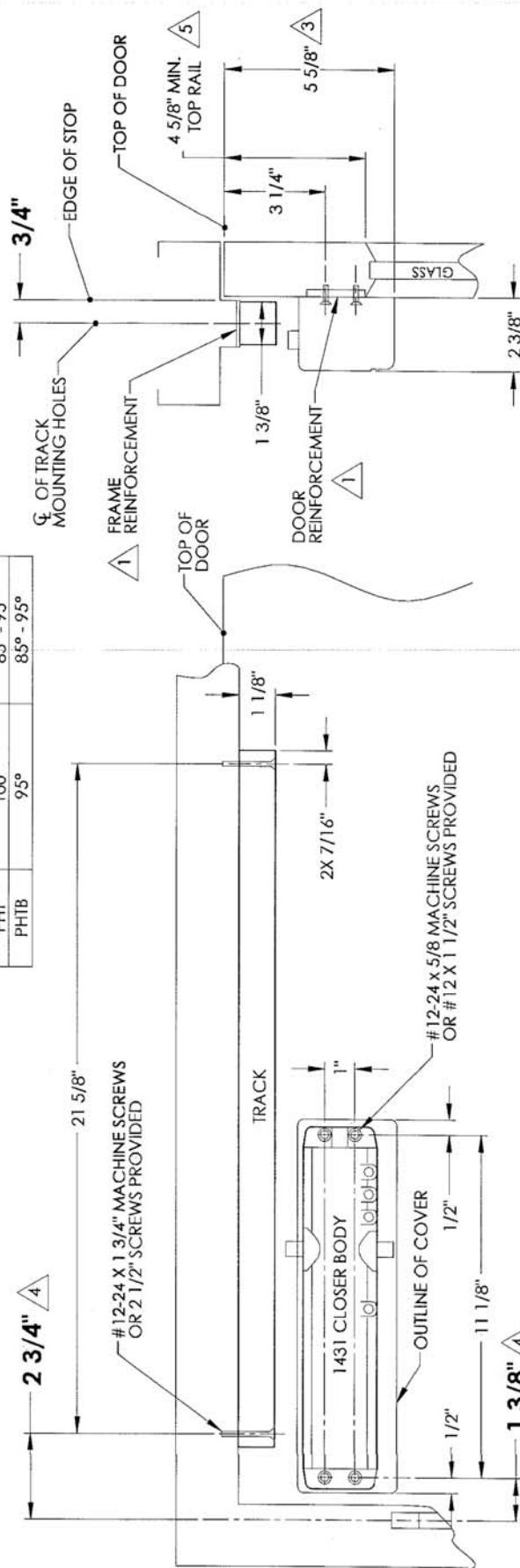


FOR MODELS HAVING HOLDER TRACKS;

THE HOLDER DEVICE IS SET FOR 95° DOOR HOLDING POSITION AT THE FACTORY AND THE HOLDER TENSION IS SET AT THE LIGHTEST OF THE THREE SETTINGS.

TO INCREASE HOLDING TENSION REMOVE MOUNTING SCREW AND MOVE TENSION ADJUSTER TOWARD HOLDER SLIDE BY USING EITHER OF THE TWO HOLE LOCATIONS. TWO POSITIONS OF TENSION ARE POSSIBLE.





1. REINFORCE METAL DOORS AND FRAMES PER SDI-100 AND ANSI 250.8 STANDARDS, 12 GAUGE RECOMMENDED.
2. LEFT HAND DOOR SHOWN, RIGHT HAND OPPOSITE.
3. THE 1431-J COVER PLATE MAY BE USED WHEN CLOSER IS VISIBLE THROUGH GLASS.
4. FOR INVISIBLE HINGES LOCATE CLOSER AND TRACK FROM EDGE OF DOOR.
5. THE MINIMUM TOP RAIL CAN BE REDUCED BY 13/16" USING A 1431-D PLATE. SEE TEMPLATE A7168.

SARGENT Manufacturing Company
100 Sargent Drive New Haven, CT 06511

DATA SHEET:

1431-POT & PHT INSTALLATION
(PUSH SIDE TRACK)

RELEASE DATE

RELEASE DATE
5 MAY 06

TEMPLATE NO.

A7189