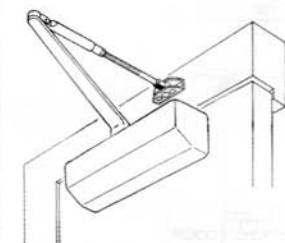


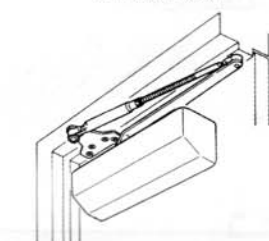
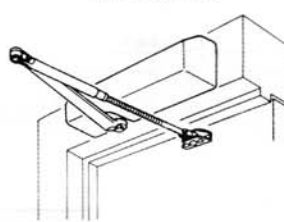
STANLEY

Security Solutions

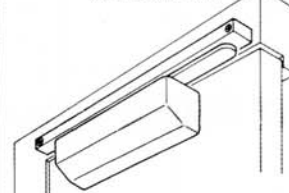
DOOR CLOSER

D-3550 AND D-3551  **INSTALLATION INSTRUCTIONS****SELECT PROPER APPLICATION FROM ILLUSTRATIONS BELOW. THEN FOLLOW INSTALLATION INSTRUCTIONS ON GIVEN PAGE.****STANDARD APPLICATION**CLOSER MOUNTED ON
HINGE SIDE OF DOOR

USE PAGE 2

**PARALLEL ARM
APPLICATION**CLOSER MOUNTED ON
STOP SIDE OF DOORUSE PAGE 3
USE PAGE 6 (EDA)**TOP JAMB
APPLICATION**CLOSER MOUNTED ON FRAME
ON STOP SIDE OF DOOR

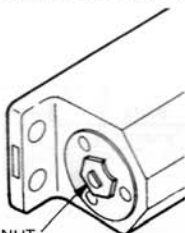
USE PAGE 4

**TRACK RAIL
APPLICATION**CLOSER MOUNTED ON
HINGE SIDE OF DOOR
WITH TRACK-RAIL ON FRAME

USE PAGE 5

**ADJUST SPRING POWER ACCORDING TO CHART
(FOR STANDARD, PARALLEL ARM, AND TOP JAMB APPLICATIONS)****REFER PAGE 6 FOR TRACK RAIL APPLICATION**

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.



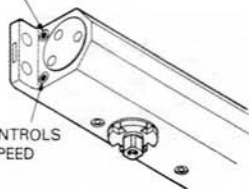
SPRING ADJUSTING NUT

Closer size	Max. Door Width		Turns of Spring Adjusting Nut			
	Exterior	Interior	D-3550		D-3551	
			from Preset	from Minimum	from Preset	from Minimum
1		Less than 2'-8"			-3	0
2	Less than 2'-6"	2' - 8"	-3	0	-1	2
3	2' - 6"	3' - 2"	-1	2	1	4
4	3' - 0"	3' - 8"	2	5	5	8
5	3' - 6"	4' - 0"	4	7		
6	4' - 0"	5' - 0"	7	10		

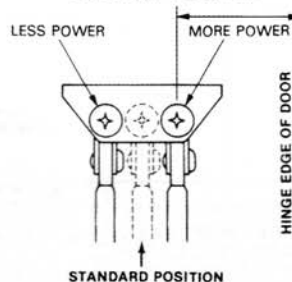
FINAL ADJUSTMENT AND REGULATING PROCEDURES**REGULATING DOOR SPEED AND LATCHING SPEED**

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

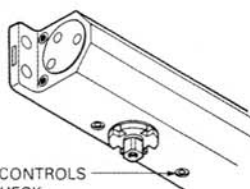
1/8" HEX SOCKET
WRENCH**ADJUSTING FOOT FOR ADDITIONAL
CLOSING POWER**

STANDARD POSITION

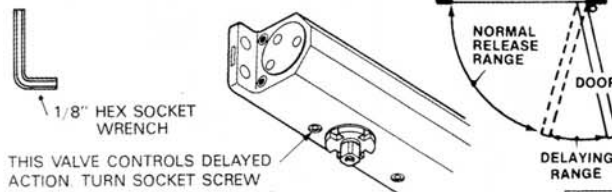
REGULATING BACKCHECK

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
BACKCHECK1/8" HEX SOCKET
WRENCH**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.

NORMA
RELEASE
RANGE

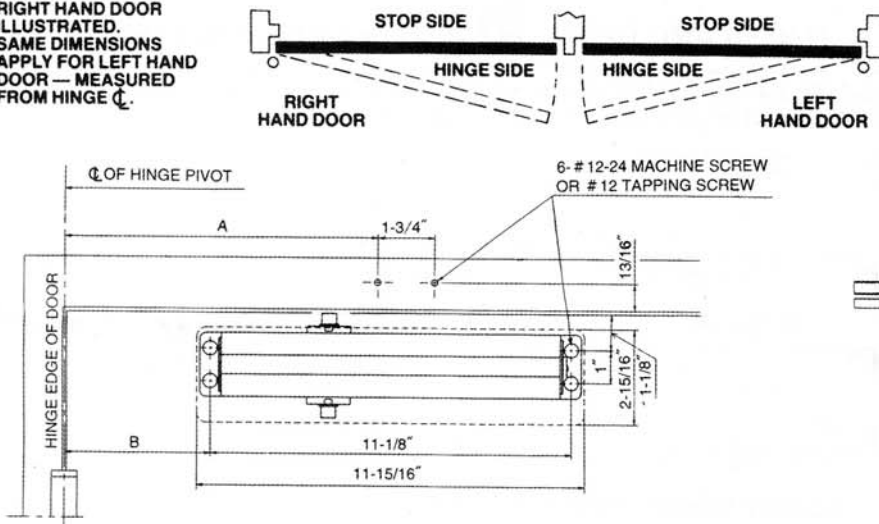
DOOR

DELAYING
RANGE

PAGE

1

RIGHT HAND DOOR
ILLUSTRATED.
SAME DIMENSIONS
APPLY FOR LEFT HAND
DOOR — MEASURED
FROM HINGE C.



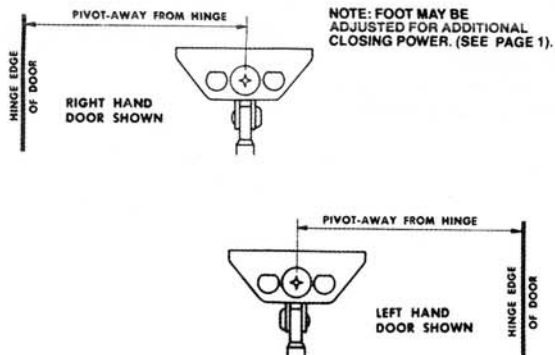
DIMENSION	MAXIMUM DOOR OPENING	
	120°	180°
A	11-5/8"	9-5/8"
B	6-1/2"	4-1/2"

- A**
1. MARK LOCATION OF ATTACHING SCREWS ON DOOR AND FRAME AS SHOWN ABOVE.
 2. ATTACH CLOSER TO DOOR WITH SHORT END OF CLOSER FACING TOWARD HINGE.

B

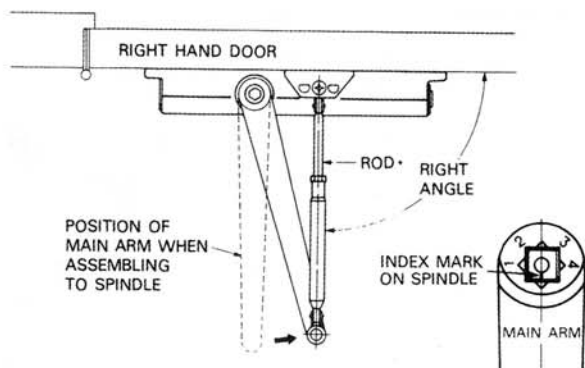
ATTACH FOOT TO FRAME WITH PIVOT AWAY FROM HINGE AS ILLUSTRATED BELOW.

NOTE: FOOT MAY BE ADJUSTED FOR ADDITIONAL CLOSING POWER. (SEE PAGE 1).



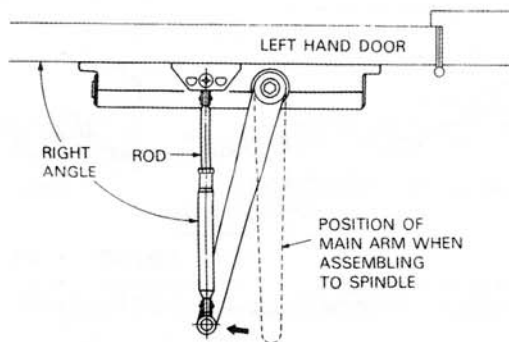
C

ASSEMBLE MAIN ARM TO CLOSER WITH INDEX MARK ON SPINDLE ALIGNED WITH AXIS OF ARM AS ILLUSTRATED BELOW. ATTACH ARM WITH WASHER AND SCREW.



D

TIGHTEN LOCKNUT SECURELY WHEN ROD IS AT RIGHT ANGLE TO DOOR. SEE ILLUSTRATION BELOW.

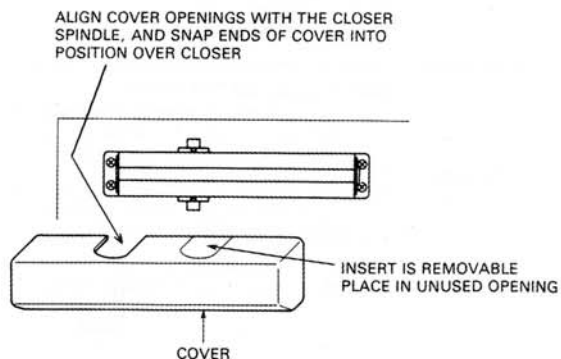


E

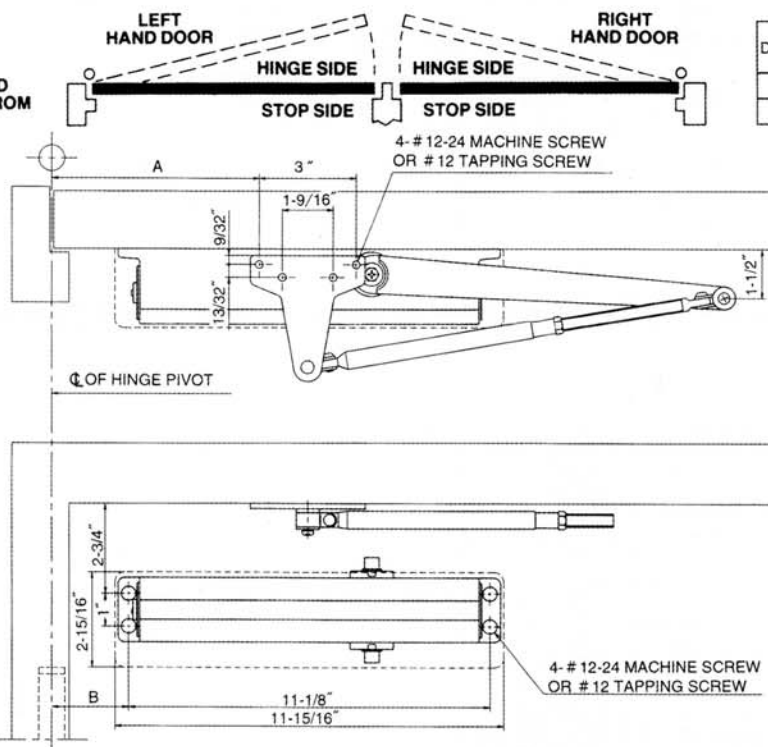
ADJUST AND REGULATE DOOR CLOSER AS DIRECTED AT PAGE 1.

F

INSTALL COVER, AS FOLLOWS:



LEFT HAND DOOR
ILLUSTRATED.
SAME DIMENSIONS
APPLY FOR RIGHT HAND
DOOR — MEASURED FROM
HINGE \downarrow .



DIMENSION	MAXIMUM DOOR OPENING	
	120°	180°
A	9"	6-3/8"
B	5"	2-3/8"

- A**
1. MARK LOCATIONS OF ATTACHING SCREWS ON DOOR AND FRAME AS SHOWN ABOVE.
 2. ATTACH CLOSER TO DOOR AND FOOT BRACKET TO FRAME (LONG END OF CLOSER TOWARD HINGE).

C

IF FOOT ASSEMBLY SHOWN ON PAGE 2 IS PACKED WITH CLOSER, CONVERT TO FOOT BRACKET ASSEMBLY SHOWN ABOVE AS FOLLOWS: REMOVE ROD ASSEMBLY FROM FOOT AND ATTACH ROD TO FOOT BRACKET USING WASHER AND SCREW SHOWN. TIGHTEN LOCKNUT SECURELY WHEN END OF MAIN ARM IS POSITIONED 1-1/2" AWAY FROM DOOR.

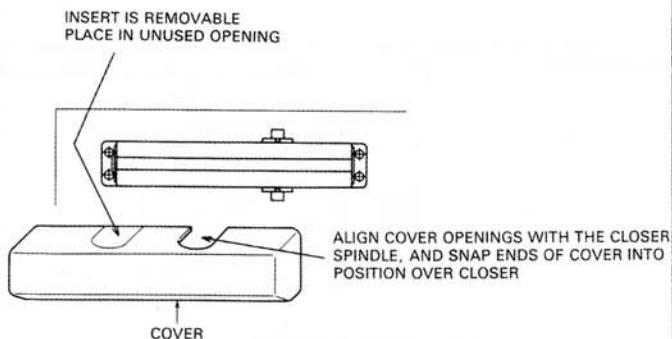
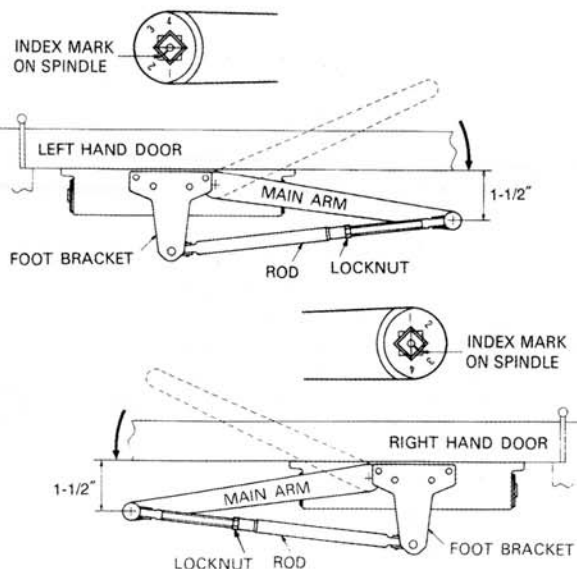
- B**
- ASSEMBLE MAIN ARM TO CLOSER WITH INDEX MARK ON END OF SPINDLE 45° FROM AXIS OF ARM, AS ILLUSTRATED BELOW, USING A WRENCH ON THE BOTTOM SPINDLE TO ROTATE SPINDLE INTO POSITION. ATTACH ARM TO SPINDLE WITH WASHER AND SCREW.

D

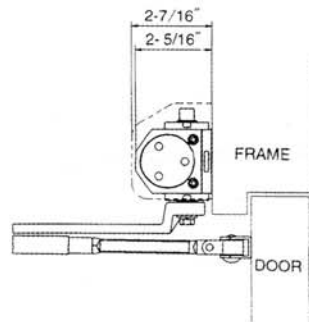
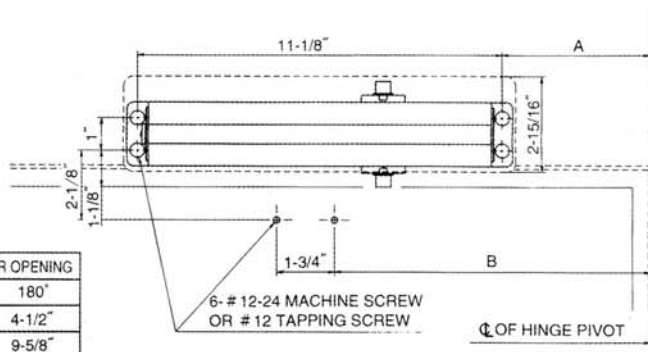
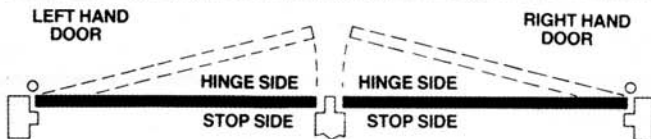
ADJUST AND REGULATE DOOR CLOSER AS DIRECTED AT PAGE 1.

E

INSTALL COVER AS FOLLOWS:



RIGHT HAND DOOR
ILLUSTRATED.
SAME DIMENSIONS
APPLY FOR LEFT HAND
DOOR—MEASURED FROM
HINGE. ϕ



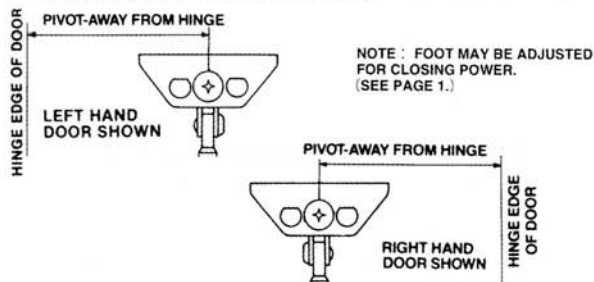
DIMENSION	120"	180"
A	6-1/2"	4-1/2"
B	11-5/8"	9-5/8"

A

1. MARK LOCATION OF ATTACHING SCREWS ON DOOR AND FRAME AS SHOWN ABOVE.
2. ATTACH CLOSER TO FRAME WITH SHORT END OF CLOSER FACING TOWARD HINGE.

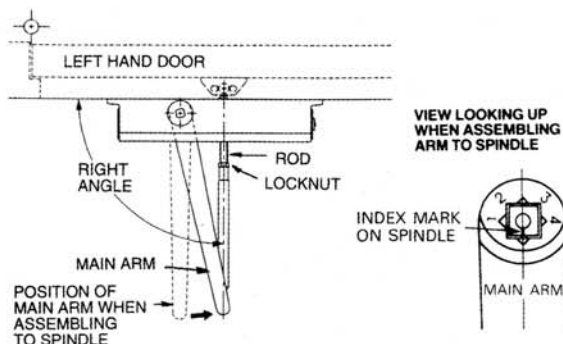
B

ATTACH FOOT TO DOOR WITH PIVOT AWAY FROM HINGE AS ILLUSTRATED BELOW.



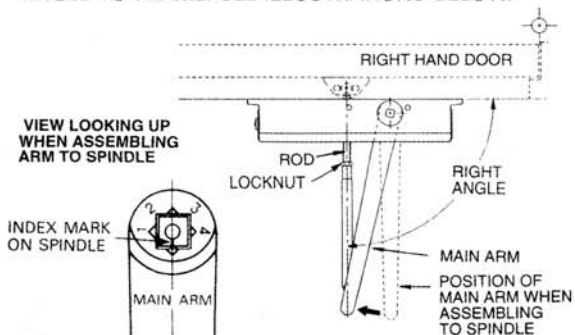
C

ASSEMBLE MAIN ARM TO CLOSER WITH INDEX MARK ON SPINDLE ALIGNED WITH AXIS OF ARM AS ILLUSTRATED BELOW. ATTACH ARM WITH WASHER AND SCREW.



D

TIGHTEN LOCKNUT SECURELY WHEN ROD IS AT RIGHT ANGLE TO FRAME. SEE ILLUSTRATIONS BELOW.



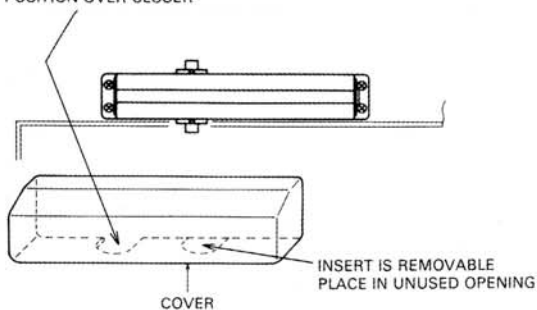
E

ADJUST AND REGULATE DOOR CLOSER AS DIRECTED AT PAGE 1.

F

INSTALL COVER AS FOLLOWS:

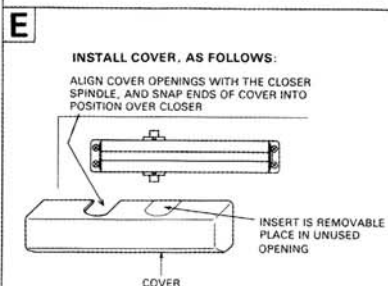
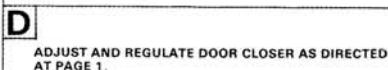
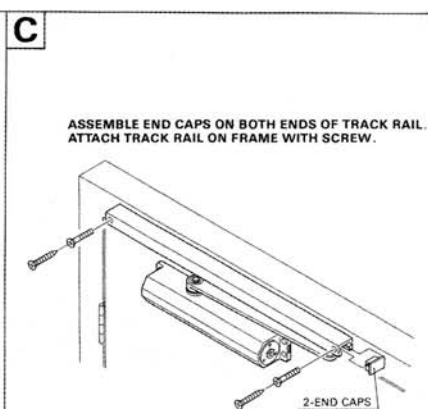
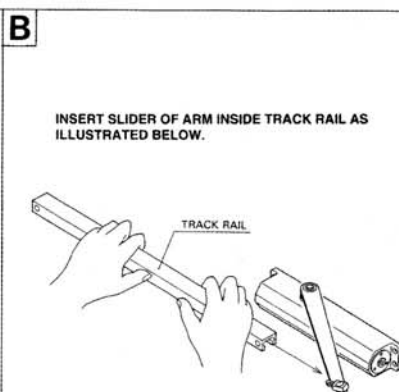
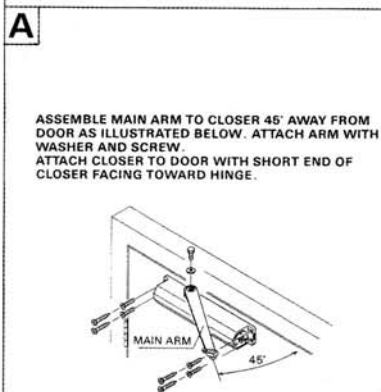
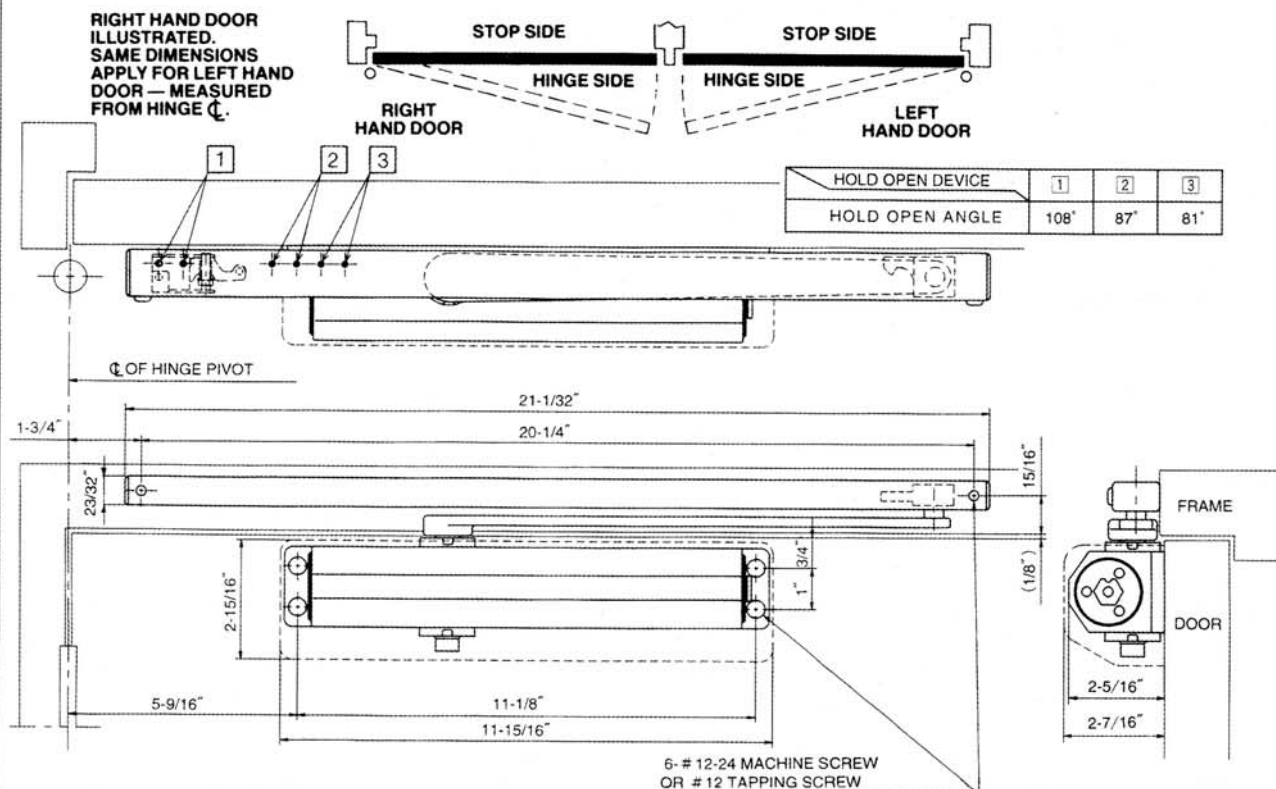
ALIGN COVER OPENINGS WITH THE CLOSER SPINDLE, AND SNAP ENDS OF COVER INTO POSITION OVER CLOSER



INSTALLATION INSTRUCTIONS

TRACK RAIL APPLICATION

CLOSER MOUNTED ON HINGE SIDE OF DOOR WITH TRACK RAIL ON FRAME

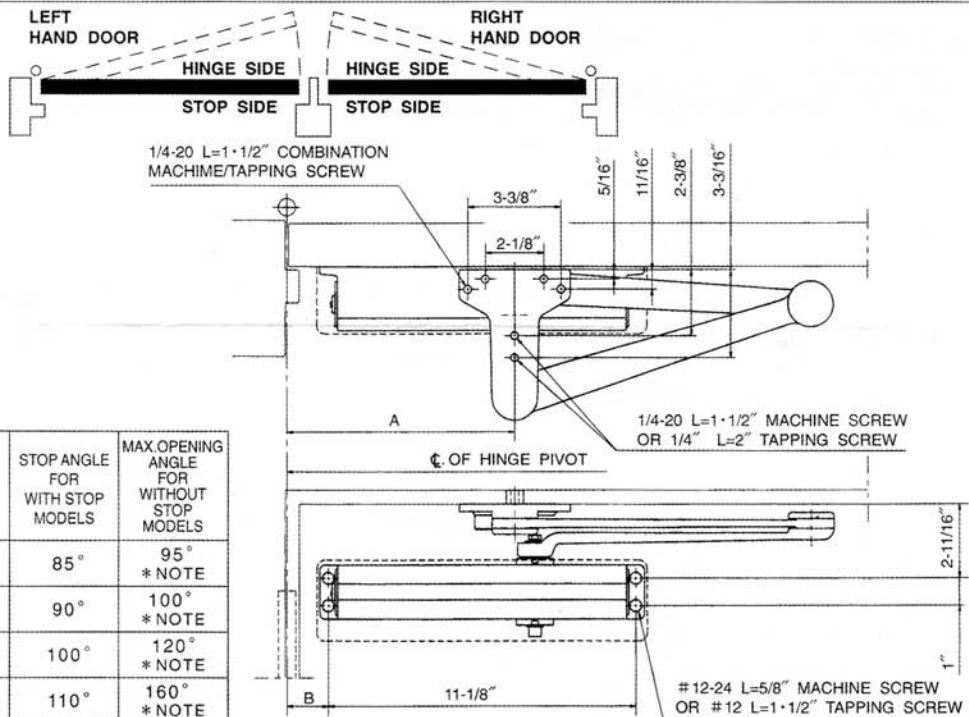


ADJUST SPRING POWER ACCORDING TO CHART FOR TRACK RAIL APPLICATION

Closer size	Max. Door Width		Turns of Spring Adjusting Nut	
	Exterior	Interior	from Preset	from Minimum
1		less than 2'-8"	-3 Turns	0
2	less than 2'-6"	2' - 8"	0	+3 Turns
3	2' - 6"	3' - 2"	+6 Turns	+9 Turns

* D-3550T: Identical closer can be used as Standard, Parallel Arm, and Top Jamb Application. Spring power is adjustable as indicated in chart.

LEFT HAND DOOR
ILLUSTRATED.
SAME DIMENSIONS
APPLY FOR RIGHT HAND
DOOR — MEASURED FROM
HINGE \perp .

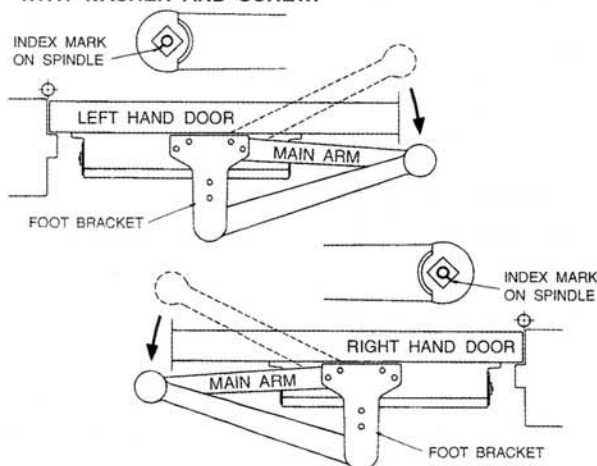


DIMENSION		HOLD-OPEN ANGLE FOR HOLD-OPEN MODELS	STOP ANGLE FOR WITH STOP MODELS	MAX. OPENING ANGLE FOR WITHOUT STOP MODELS
A	B			
11-1/8"	4-3/8"	85°	85°	95° *NOTE
10-1/2"	3-3/4"	90°	90°	100° *NOTE
9-3/8"	2-5/8"	100°	100°	120° *NOTE
8-1/4"	1-1/2"	110°	110°	160° *NOTE

*NOTE: A SUPPLEMENTAL DOOR STOP IS ALWAYS RECOMMENDED FOR INSTALLATIONS NOT INCORPORATING A STOP IN THE CLOSER ARM. DAMAGE TO THE DOOR, FRAME AND CLOSER MAY OCCUR IF NO STOP IS USED.

- A** 1. MARK LOCATIONS OF ATTACHING SCREWS ON DOOR AND FRAME AS SHOWN ABOVE.
2. ATTACH CLOSER TO DOOR AND FOOT BRACKET TO FRAME (LONG END OF CLOSER TOWARD HINGE).

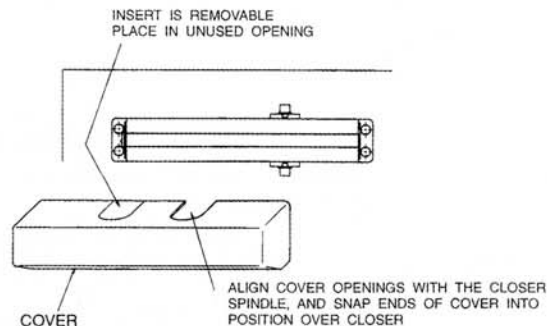
- B** ASSEMBLE MAIN ARM TO CLOSER WITH INDEX MARK ON END OF SPINDLE 45° FROM AXIS OF ARM, AS ILLUSTRATED BELOW, USING A WRENCH ON THE BOTTOM SPINDLE TO ROTATE SPINDLE INTO POSITION. ATTACH ARM TO SPINDLE WITH WASHER AND SCREW.



- C** MOUNT CLOSER ON DOOR AND MOUNT PARALLEL BRACKET TO FRAME STOP AS PER TEMPLATE.

- D** ADJUST AND REGULATE DOOR CLOSER AS DIRECTED ON PAGE 1 FOR SPEED, LATCHING ACTION, BACKCHECK, AND DELAYED ACTION.
CAUTION: BACKCHECK IS ESSENTIAL TO PREVENT ARM FROM STRIKING ARM STOP WITH IMPACT.

- E** INSTALL COVER AS FOLLOWS:



FOR HOLD-OPEN ARM: A QUARTER TURN ON THE CONTROL HANDLE WILL ENGAGE OR DISENGAGE THE HOLD-OPEN FUNCTION.