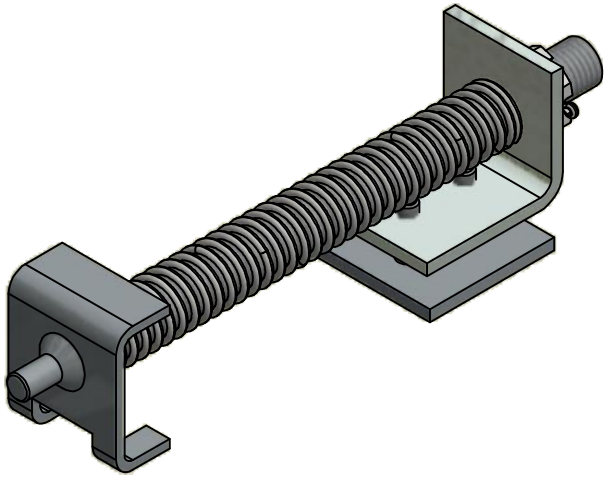

Directions for Installing Spring Retarding Device
Spring Retarding Device to be used on all electrically operated slide-folding doors.

1. Disconnect operator arms, open the motor operated door approximately 92°. Check pendant in malleable apron to see that it is vertical and adjust it vertically so that it rests lightly on the track.

2. Insert spring retarding device in track as shown on 1500 Spring Retarding Device assembly drawing, but do not tighten.

3. Measure the distance between the doors at the center bi-parting hinge. Move the hanger end of the door to a point 2" greater than the measurement previously taken. At this point, the retarding device should be locked to compress the spring between 1-1/2" and 1-3/4". The motor mounted door must be held firmly in place while this is being accomplished. The track should now be adjusted so that the pendant touches lightly against the side of the track nearest the motor.

4. The operator arms should then be connected and readjusted so that the motor operated door will open 90° to 92° when the arms are straight. Adjust the limit switches to proper limits.

5. Adjust clutch so it will slip if motor operated door is restrained. Belt should not be permitted to slip. It will be noted that the motor operated door may open slightly more than 90°, but no more than 92°, and that the faces of the two doors are no longer parallel. In checking the operation, the hanger should move out along the track at least 2" to 3" before contact is made between the pendant and the side of the track nearest the opening. When installing, care should be taken to see that all four (4) bolts of the apron are very tight. If the apron tends to slip, provisions should be incorporated in the field to securely anchor it to the door. On metal doors, this can be accomplished by drilling a ¼" hole through the apron and doors and inserting a roll pin; on wood doors, this can be accomplished by placing retainer plates on each side of the apron.

ALL DIMENSIONS IN INCHES

ID #:	STOCK PART #:
1500P157-01	1500.00157-10

MATERIAL:

DESCRIPTION: Spring Retarding Device for #10 Track

FINISH:	# PCS.	REV:
Clear Zinc	1	

DWG #: 1500P157
DRAWN:BCM 12/11/2009
SHEET #1
File: 1500P157.idw

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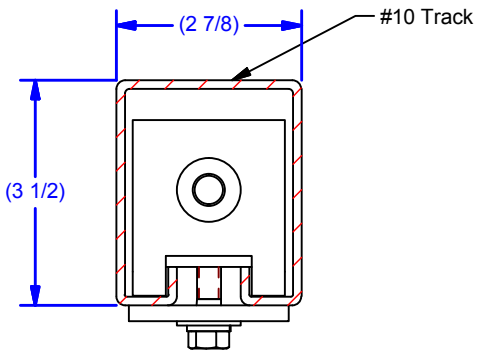
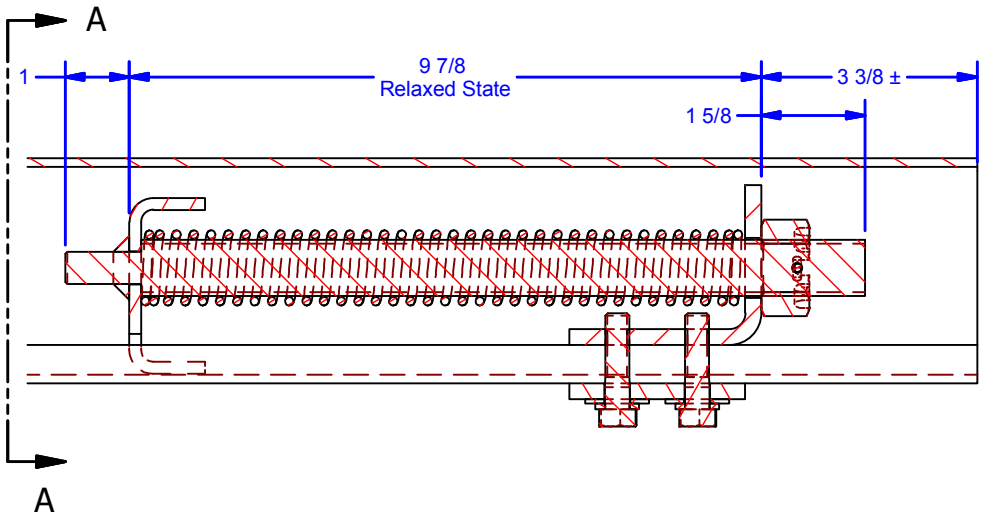
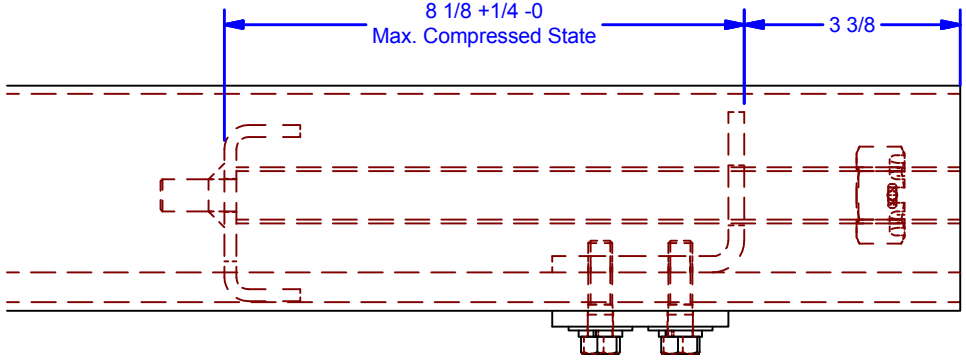


VIEW A-A





TO CENTER OF OPENING

NOTE:
For Slide-Folding Doors over 4'-0" in Width

ALL DIMENSIONS IN INCHES

ID #:	STOCK PART #:
1500P794-01	1500.00157-10

MATERIAL:

DESCRIPTION: Slide-fold Spring Retarding Device for #10 Track

FINISH:	# PCS.	REV:
Clear Zinc		

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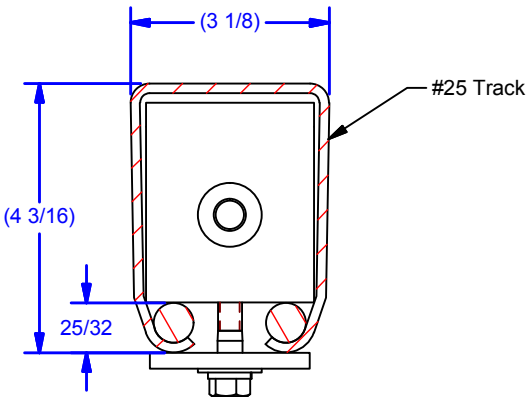
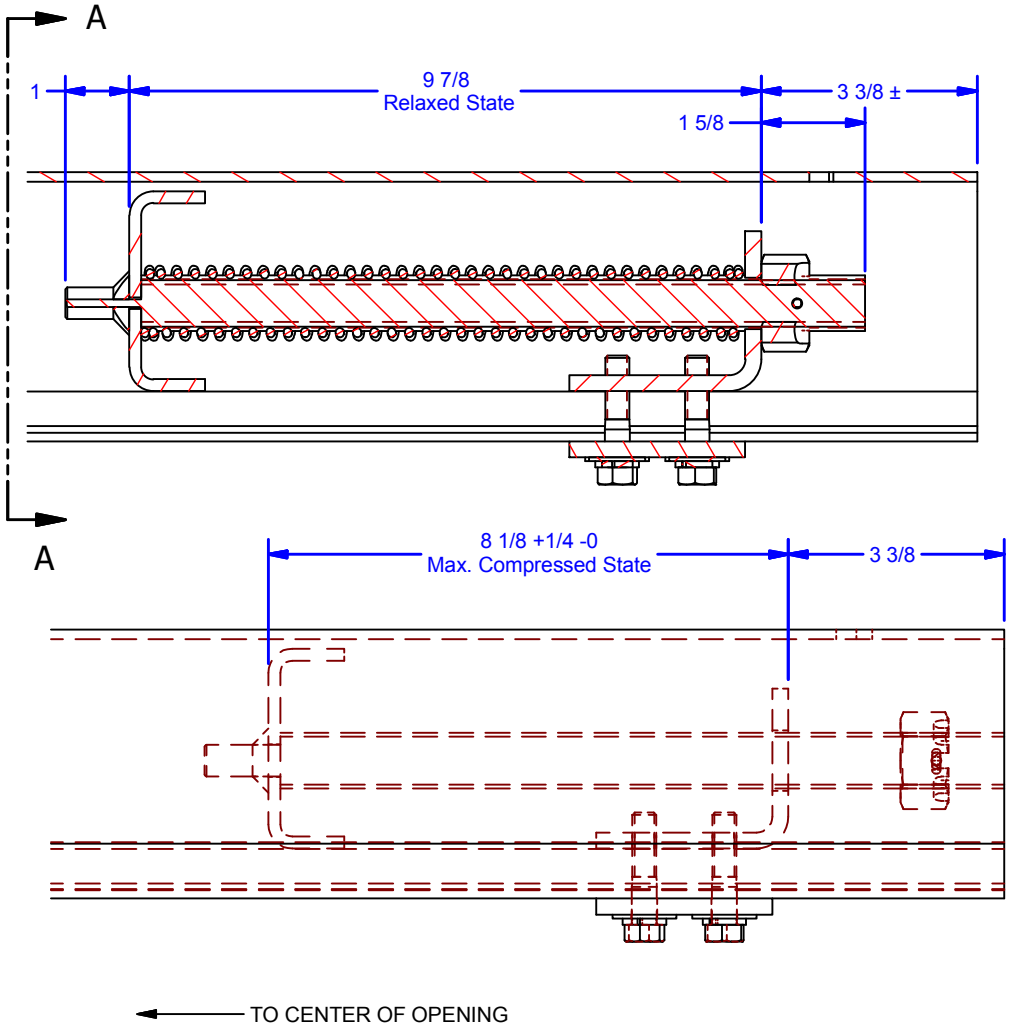
DWG #: 1500P157
DRAWN:BCM 11/16/2017
SHEET #2
File: 1500P157.idw



VIEW A-A



NOTE:
For Slide-Folding Doors over 4'-0" in Width

DWG #: 1500P157
DRAWN:BCM 11/16/2017
SHEET #3
File: 1500P157.idw

ALL DIMENSIONS IN INCHES

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	MATERIAL:	
DESCRIPTION: Slide-fold Spring Retarding Device for #25 Track		
FINISH: Clear Zinc	# PCS.	REV:

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