INSTRUCTIONS FOR INSTALLING SARGENT® 8800 AND 12-8800 SARGENT SERIES RIM EXIT DEVICES FOR 28, 63 AND 66 FUNCTIONS For Assistance, contact SARGENT at 800-727-5477 or www.sargentlock.com **ASSA ABLOY CAUTION! IMPORTANT:** Surface of the door where exit device **Before Starting:** ASSA ABLOY, the global leader is applied must be flush. Install mullion if used; in door opening solutions Clear away any raised projections - Door should be fitted and hung; to allow exit device to rest on - Check box label for size of exit device. flat surface of the door. Available Stock Lengths: End Length "E": 32" door, no cut off required. Can be cut to fit doors down to 24" wide. Length "F": 36" door, no cut off required. Can be cut to fit doors down to 33" wide. Length "J": 42" door, no cut off required. Mounting Can be cut to fit doors down to 37" wide. plate Length "G": 48" door, no cut off required. Can be cut to fit doors down to 43" wide. "Lock Down Key" To operate: Depress pushrail; insert hex key and turn clockwise. **ATTENTION:** Center chassis Rail assembly Not furnished with assembly (8828) 12- (Fire Rated) exit devices Rim cylinder **FOURTH Apply Rail Assembly** • Check box label for rail size and refer to chart for door sizes. If cutting is not required, Mortise proceed to step "B". cylinder • If cutting is required, continue with step "A". A Determine cut off dimension "X" by subtracting 1-3/4" from dimension "Y". Cover Mark cut off point on mounting rail. (8828, 8863) Center chassis Collar assembly For doors with stile 649 Strike (8866)rail must overlap stile Center chassis by 1/2" min. assembly (8863) Cover (8866)Vertical reference line (C of chassis) **FIRST** A Mark vertical and horizontal **B** Identify type of installation to reference lines on the door determine location of vertical & Single Door (Non-Fire Rated) Door 1-3/4" Min. Vertical reference line Horizontal (C of chassis) reference line (Ç of chassis and For 649 strike Dim. "A" = 2-1/4" rail assembly) For 613 strike Dim. "A" = 1-3/4" For 642 strike Dim. "A" = 1-1/2" Horizontal reference line **Double Door with 980 Mullion** Cut off on mark (C of mounting and deburr holes) Door 37-5/8' B Depress arm into rail opening and slide Vertical rail onto chassis. reference line Level rail and fasten mounting plate. Vertical reference (Ç of chassis) 49 Strike line (Ç of chassis) Finished floor Mounting plate Single Door (12- Fire Rated Exit Device) Door **SECOND Prepare Door** 2-1/4" Attach rail assembly to the Tape template on inside of door chassis with two #8 truss verticai reference 👍 649 Strike line (C of chassis) Spot and drill holes. Place mounting plate tight **Double Door with 12-980 Mullion** against rail and attach it Vertical reference line to the door with three Door Door (Cof chassis) #10 round head screws Horizontal reference line **Apply Covers and Strike FIFTH** (37-5/8" from finished floor 2-1/4" for 41" height center of Vertical reference Attach cover to chassis with line (Ç of chassis) 649 Strike four (4) cover screws **THIRD Apply Hardware** Attach end cap to mounting plate with Mount SARGENT cylinder two cover screws with (2) screws thru chassis 8 1. Attach chassis to door with (4) #10 649 Strike (for Fire Rated application) – attach with (2) Chassis mounting screws. mounting 2. Through-bolt outside outer screws and adjust for screw trim and cylinder proper position. Drill and tap to chassis, if used. thru strike two holes in frame and fasten strike in place with Cylinder STS Countersunk (2) inner screws. mounting US Patent No. 268003 washer trim screw Canadian Patent No. RD1981 649 Strike (for non-Fire Rated application) - attach with $Copyright @2008, Sargent\ Manufacturing\ Company, an\ ASSA\ ABLOY\ Group\ company.\ All\ rights\ reserved.\ Reproduction\ in\ whole\ or\ in\ part\ without\ the\ express\ written\ permission\ of\ Sargent\ Manufacturing\ Company\ is\ prohibited.$ (2) strike screws and two lock washers A6703G 3/12

INSTRUCTIONS FOR INSTALLING SARGENT® SARGENT 8816 AND 12-8816 SERIES RIM EXIT DEVICES For Assistance, contact SARGENT at 800-727-5477 or www.sargentlock.com **CAUTION!** ASSA ABLOY **IMPORTANT:** Surface of the door where exit device **Before Starting:** is applied must be flush. - Install mullion if used; ASSA ABLOY, the global leader Clear away any raised projections - Door should be fitted and hung; in door opening solutions to allow exit device to rest on - Check box label for size of exit device. flat surface of the door. **Available Stock Lengths:** Length "E": 32" door, no cut off required. Can be cut to fit doors down to 24" wide. Length "F": 36" door, no cut off required. Can be cut to fit doors down to 33" wide. Length "J": 42" door, no cut off required. Can be cut to fit doors down to 37" wide. Length "G": 48" door, no cut off required. Can be cut to fit doors down to 43" wide. Mounting bracket "Lock Down Key" To operate: Depress pushrail; insert hex key and turn clockwise. Rim cylinder **FOURTH Apply Rail Assembly** Check box label for rail size and refer to chart for door sizes. If cutting is not Rail assembly required, proceed to step "B". • If cutting is required, continue with step "A". (A) Determine cut off dimension "X" by subtracting 1-3/4" from dimension "Y". Mark cut off point on mounting rail. Mortise For doors with stile cvlinder rail must overlap stile Center chassis by 1/2" min. assembly 649 Strike shown Collar Cover Vertical reference line (Ç of chassis) **FIRST** (A) Mark vertical and horizontal **B** Identify type of installation to reference lines on the door determine location or vertical G Single Door (Non-Fire Rated) DOOR 1-3/4" Min. -Horizontal Vertical reference line reference line (Ç of chassis) (C of chassis and For 649 strike Dim. "A" = 2-1/4" rail assembly) For 613 strike Dim. "A" = 1-3/4" For 642 strike Dim. "A" = 1-1/2" Horizontal reference line **Double Door with 980 Mullion** Cut off on mark (of mounting and deburr holes) 37¹5/8' Door Door (B) Depress arm into rail opening and slide rail onto chassis. Vertical Level rail and fasten mounting plate. reference line Vertical reference (C of chassis) line (Q of chassis) 649 Strike Mounting plate Single Door (12- Fire Rated Exit Device) Finished Floor Door **SECOND Prepare Door** Attach rail assembly to the 2-1/4" chassis with two #8 truss Tape template on inside of door head machine screws Vertical reference along reference lines. ∠ 649 Strike Spot and drill holes. Place mounting plate tight **Double Door with 12-980 Mullion** against rail and attach it Vertical to the door with three #10 reference line Door Door round head screws (\$\tilde{\psi}\$ of chassis) Horizontal reference line **FIFTH Apply Covers and Strike** 2-1/4" (37-5/8" from finished floor Attach cover to chassis with for 41" height center of Vertical reference four (4) cover screws push rail.) line (Ç of chassis) 49 Strike Attach end cap to **THIRD Apply Hardware** Mount SARGENT cylinder mounting plate with with (2) screws thru chassis two cover screws 1. Attach chassis to 649 Strike (for Fire Rated Chassis door with (4) #10 application) - attach with (2) mounting mounting screws. outer screws and adjust for screw 2. Through-bolt outside proper position. Drill and tap trim and cylinder thru strike two holes in frame to chassis, if used. and fasten strike in place with Cylinder (2) inner screws mounting US Patent No. 268003 screw Canadian Patent No. RD1981 649 Strike (for non-Fire Rated

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application) – attach with (2) strike screws and two

A6703G 3/12

lock washers