



640011-00

24-V & F-24-V

FALCON

Surface Vertical Rod Exit Device
Dispositivo de salida con varilla vertical en la superficie
Appareil de sortie de la tige verticale de surface

Installation Instructions
Instrucciones de Instalación
Notice d'installation

Dogging Key **Llave de trinquete** **Œillet vissé**

Use to lock down pushbar
Utilícela para asegurar hacia abajo la barra de empuje
Utilisé pour verrouiller la barre antipanique

! If sexbolts are in box, see Sexbolt Preparation on back page
Si los pernos macho-hembra se encuentran en la caja, consulte la preparación de pernos macho-hembra en la página posterior
Si les colonnettes sont dans la boîte, voir la préparation de colonnettes au verso de la page

1 Draw Exit Device Centerline (☿)
Sacar la línea central de dispositivo (☿)
Tracer l'axe du dispositif de sortie (☿)

40" (101.6 cm) from finished floor
101.6 cm del piso terminado
101.6 cm du plancher fini

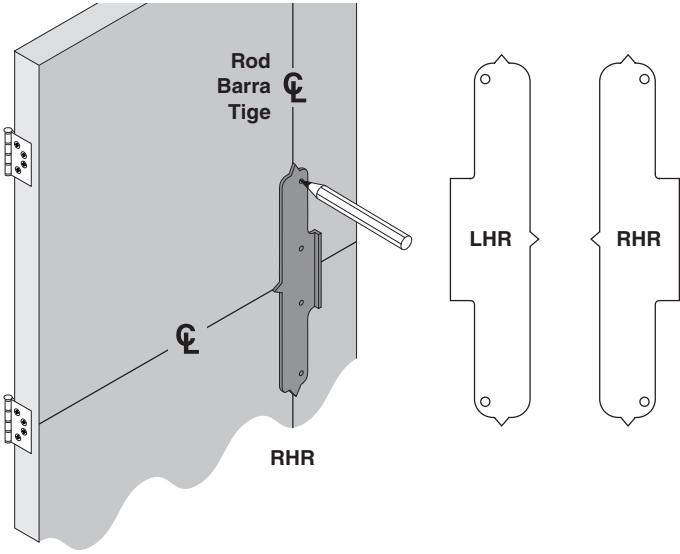
2

3" +	2 1/8"
2 1/4"	1 1/4"

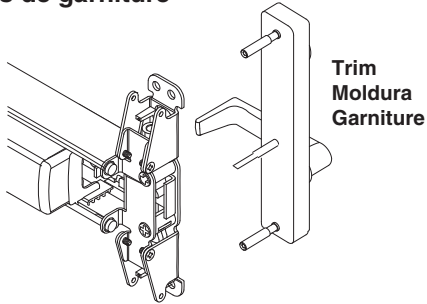
Customer Service Servicio al cliente Service à la clientèle
1-877-671-7011 www.allegion.com/us



3 Mark 2 Holes Using Plastic Template Aligned to Φ
 Marque 2 orificios utilizando la plantilla de plástico
 alineada a la Φ
 Marquer 2 orifices en utilisant le gabarit de plastique
 aligné à la Φ

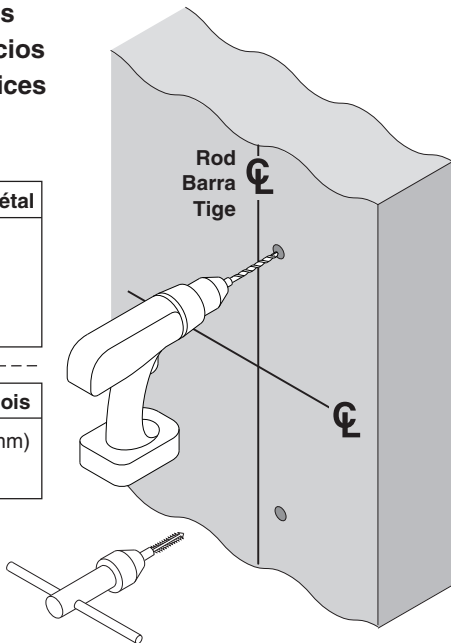


4 If Installing Trim, Go To Trim Instructions
 Se instala la moldura, vaya a las instrucciones de
 molduras
 Pour l'installation d'une garniture, voir les
 instructions de garniture



5 Prepare 2 Holes
 Prepare 2 orificios
 Préparer 2 orifices

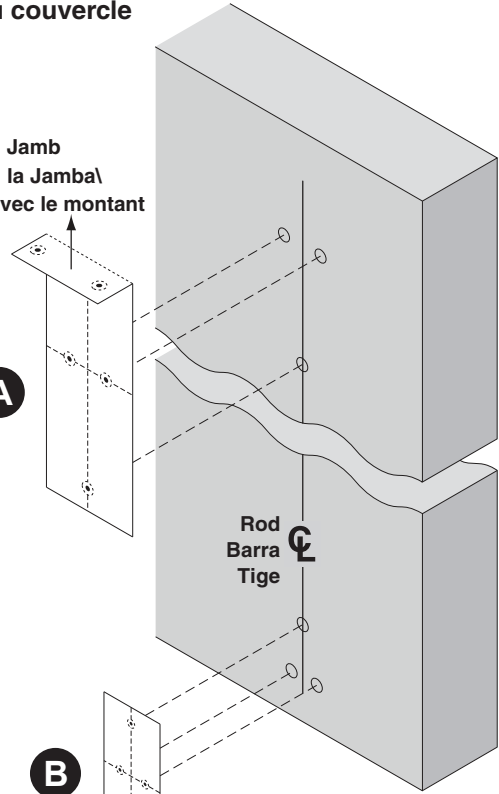
Metal	Metal	Métal
#7		
1/4" x #20		
--- OR O OU ---		
Wood	Madera	Bois
1/8" (3 mm) X 1" (25 mm)		



6 Mark Door Using Paper Templates On Back Cover
 Marque la puerta utilizando plantillas de papel en la
 cubierta posterior
 Marquer la porte en utilisant les gabarits de papier au
 verso du couvercle

Flush With Jamb
 Alinee con la Jamba
 À niveau avec le montant

A

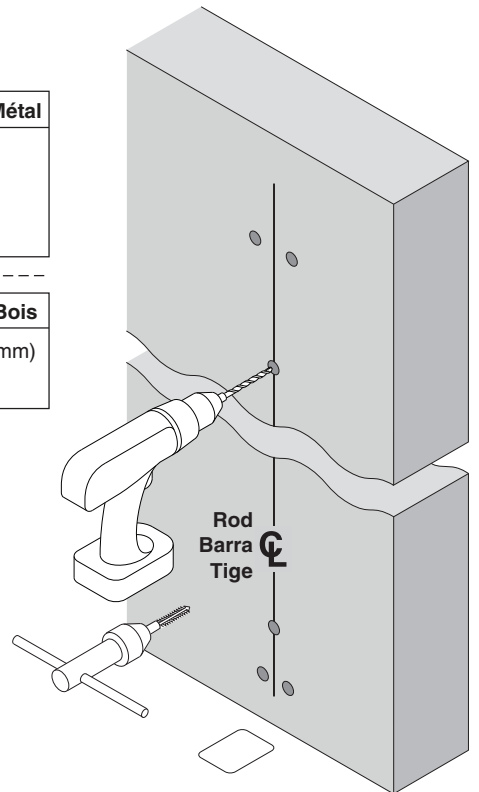


B

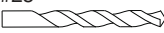
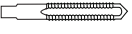
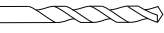
Flush With Floor
 Alinee con el piso
 À niveau avec le plancher

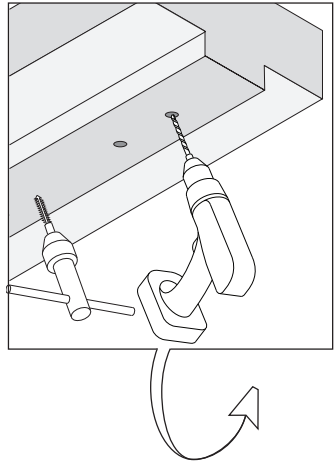
7

Metal	Metal	Métal
#25		
#10-24		
--- OR O OU ---		
Wood	Madera	Bois
1/8" (3 mm) X 1" (25 mm)		

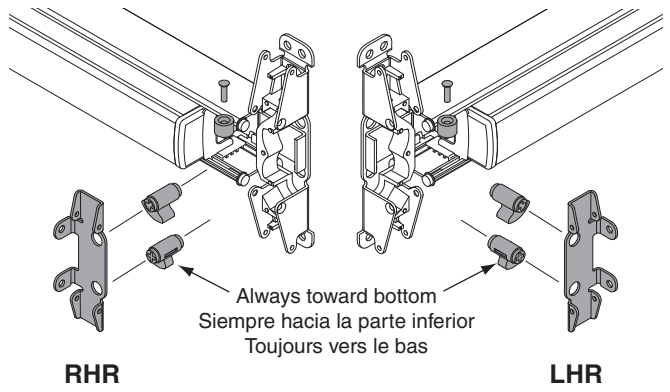


8

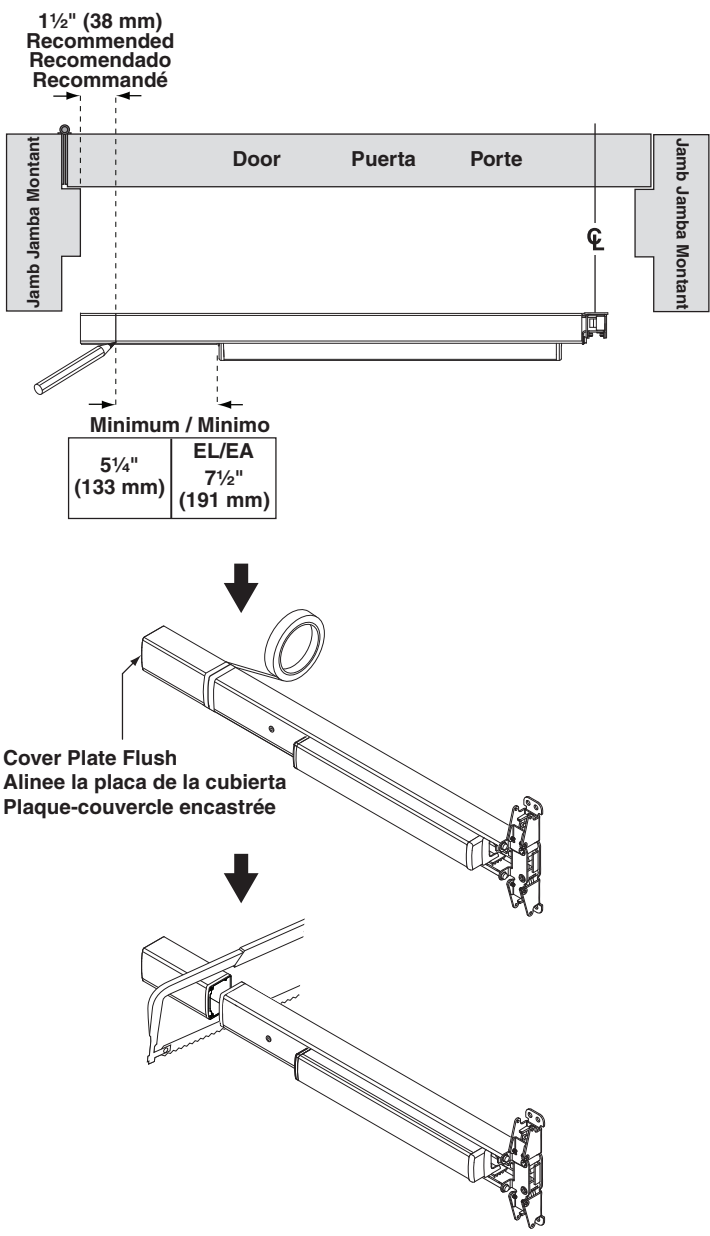
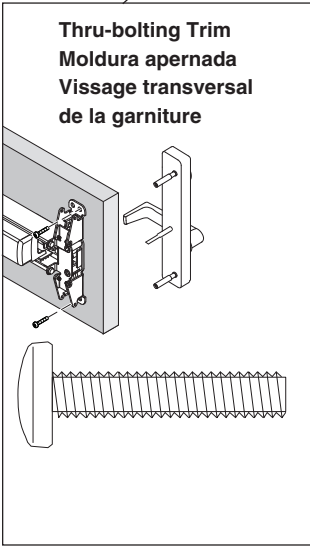
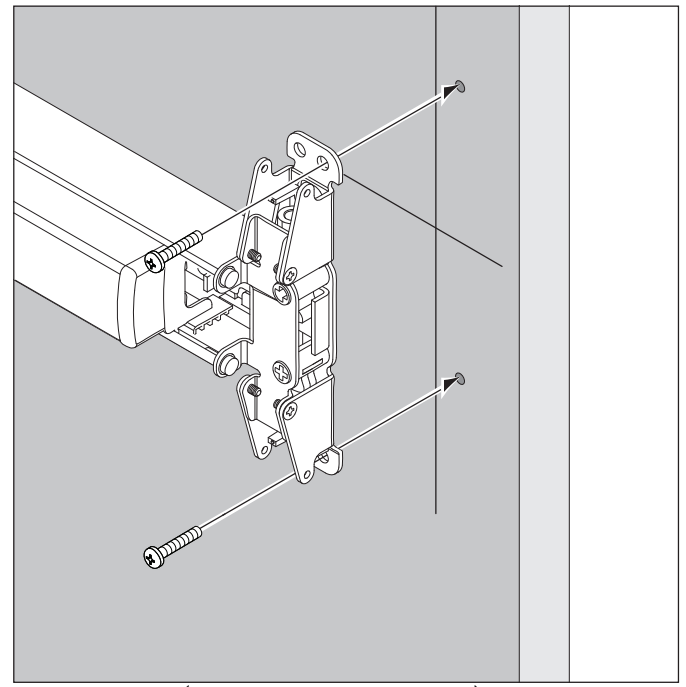
Metal	Metal	Métal
#25		
#10-24		
--- OR O OU ---		
Wood	Madera	Bois
1/8" (3 mm) X 1" (25 mm)		

**10**

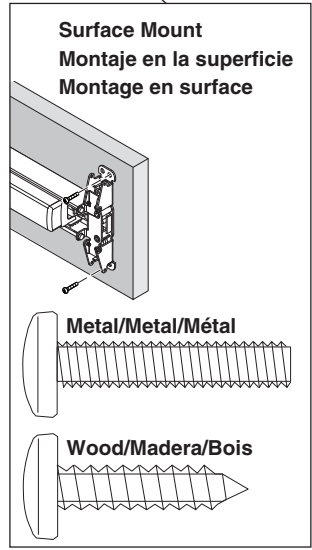
If Necessary, Reverse Handing
Si es necesario, invierta la operación
Inverser l'assemblage si nécessaire

**9**

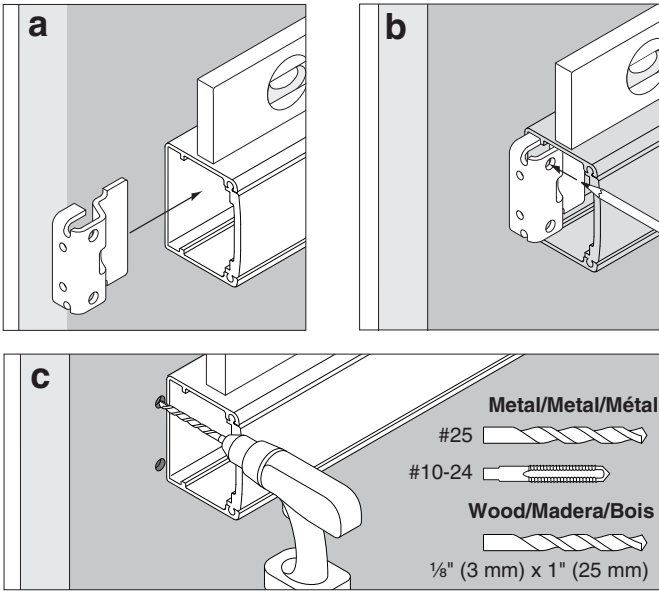
If Necessary, Cut Device
Si es necesario, corte el dispositivo
Couper le dispositif si nécessaire

**11**

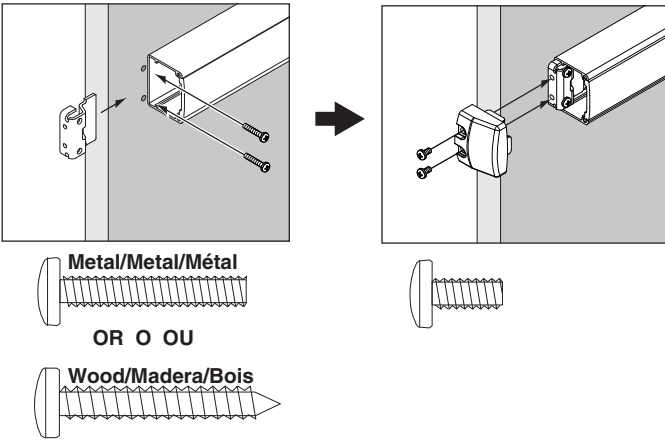
OR
 O
 OU



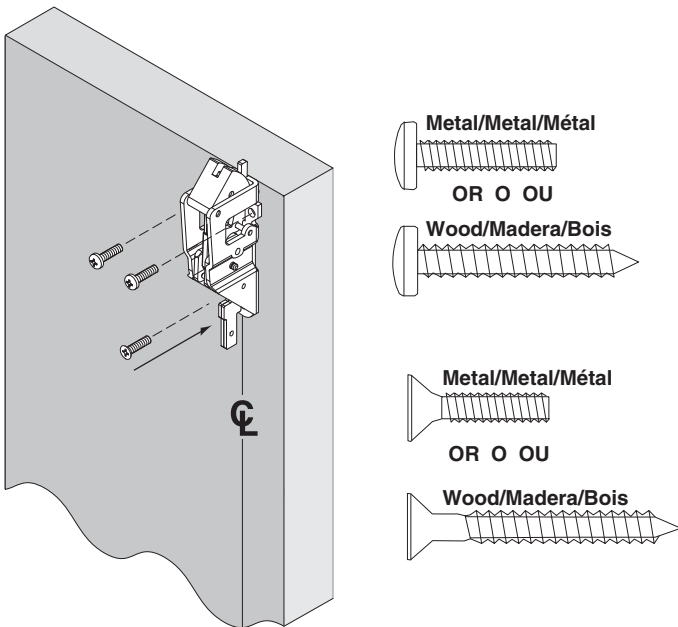
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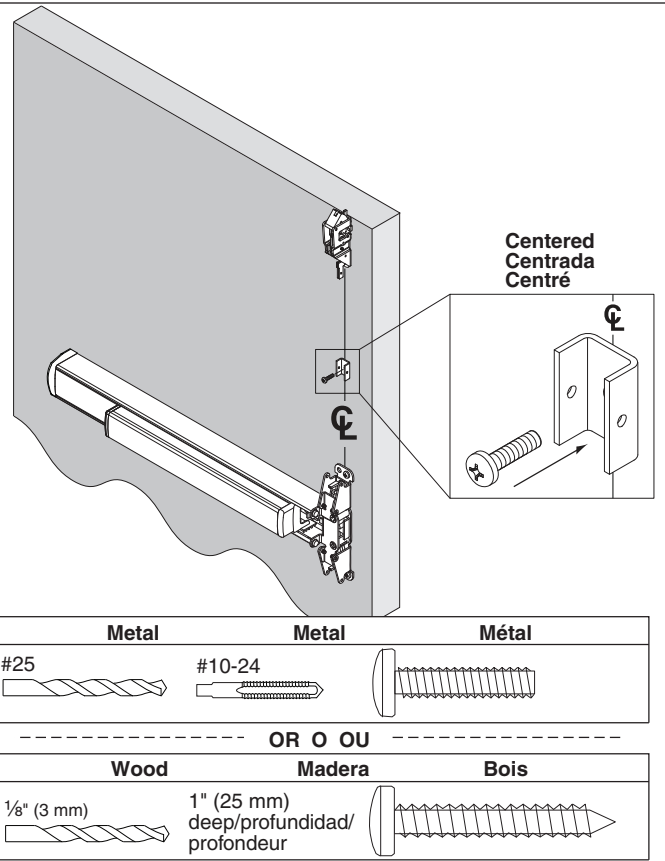
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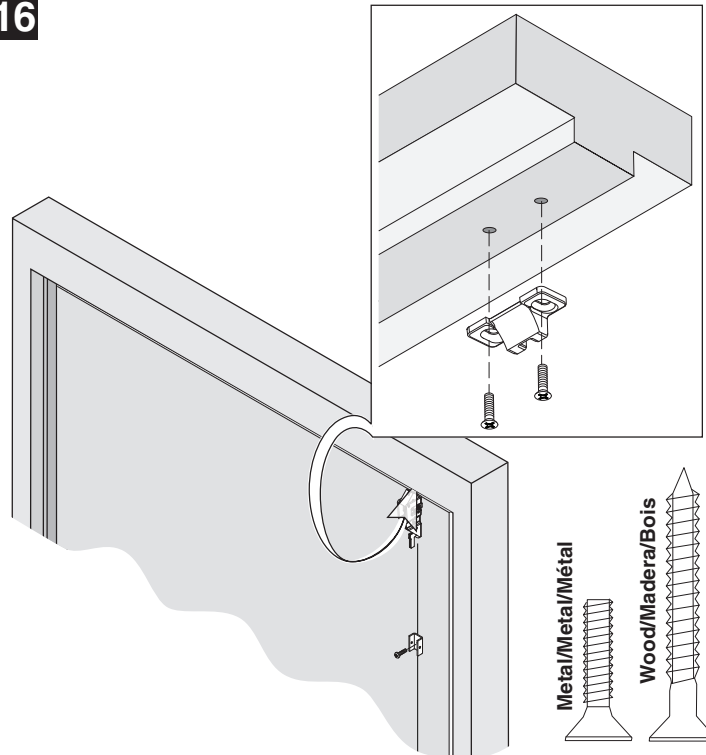
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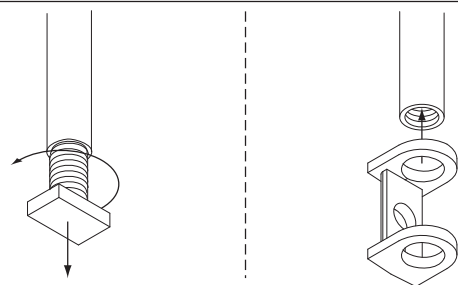
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16



17

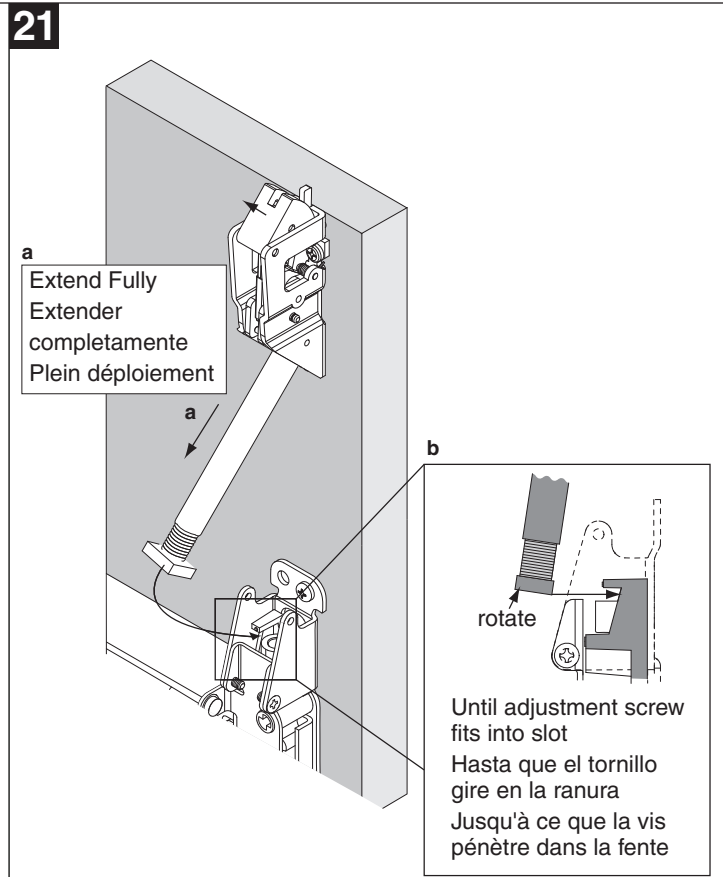
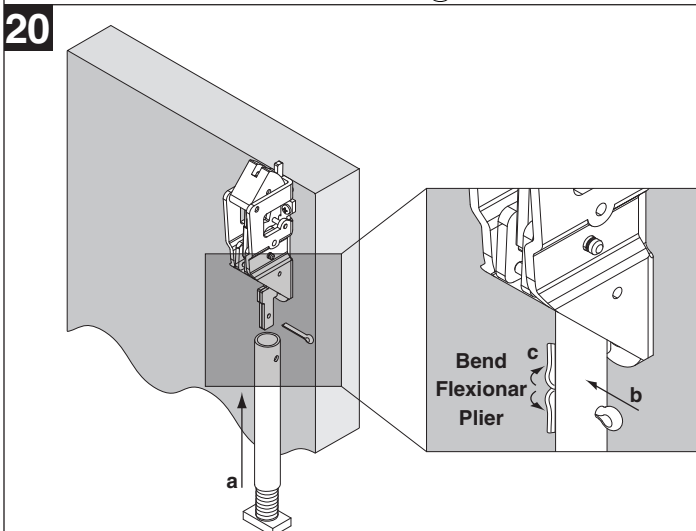
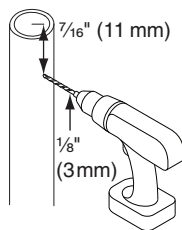


18 Prepare Top Rod Length
Preparar la longitud de la barra en la parte superior
Préparer la longueur de la tige supérieure

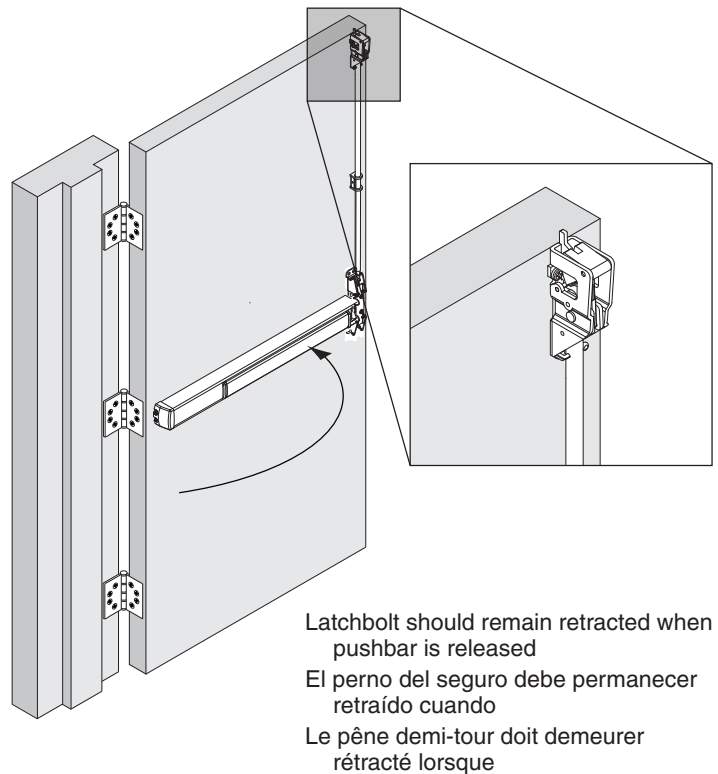
Height Altura Hauteur	*Rod Cut Required *La barra Requiere Corte *Coupe de Tige Nécessaire	Extension Required Extensión que se Requiere Longueur Nécessaire
		—
6' 8"	4"	—
7' 0"	—	—
7' 2"	10"	1'
7' 6"	6"	1'
7' 10"	2"	1'
8' 0"	—	1'
8' 6"	6"	2'
8' 10"	2"	2'
9' 0"	—	2'
9' 6"	6"	3'
9' 10"	2"	3'
10' 0"	—	3'

*Do not cut threaded end of top rod
*No cortar el extremo roscado de la barra superior
*Ne pas couper l'embout fileté de la tige supérieure

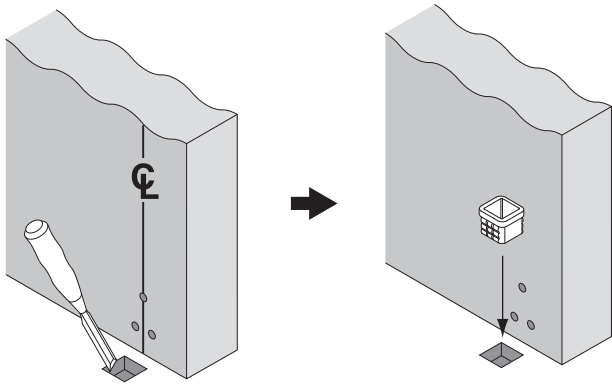
19 Drill New Hole, if Necessary
Perforar un orificio nuevo, si es necesario
Perçer un nouvel orifice si nécessaire



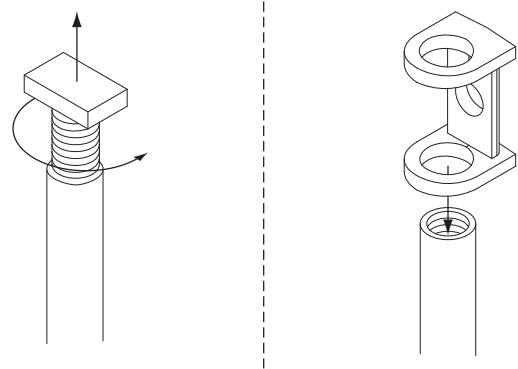
22 Test Top Latch Function
Prueba de la función del seguro en la parte superior
Vérifier le fonctionnement du verrou supérieur



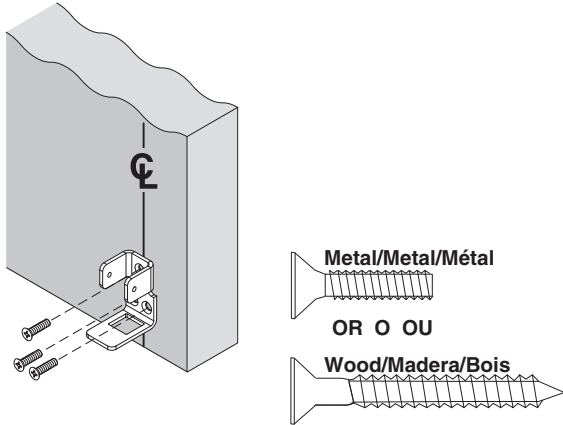
23



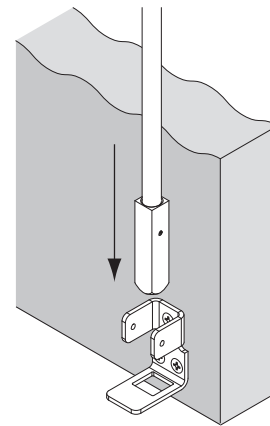
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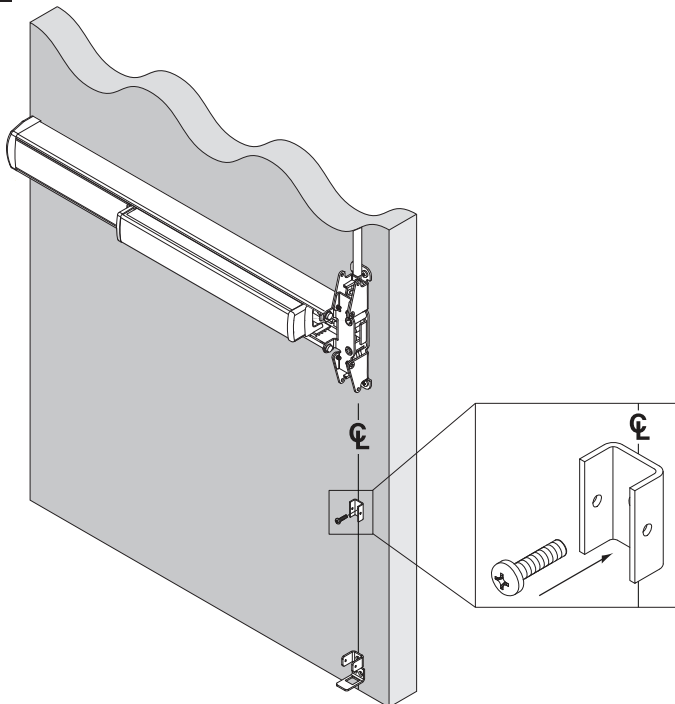
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27

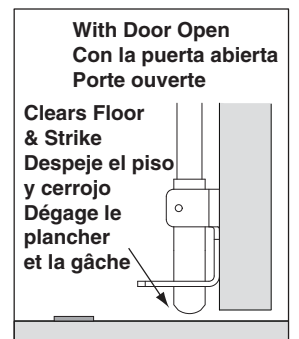
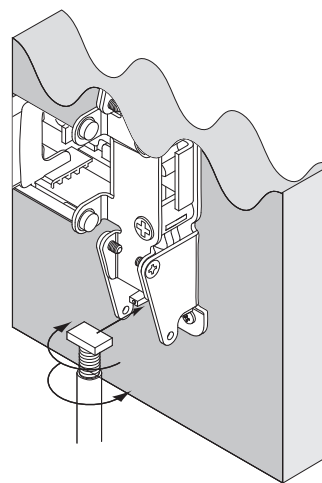


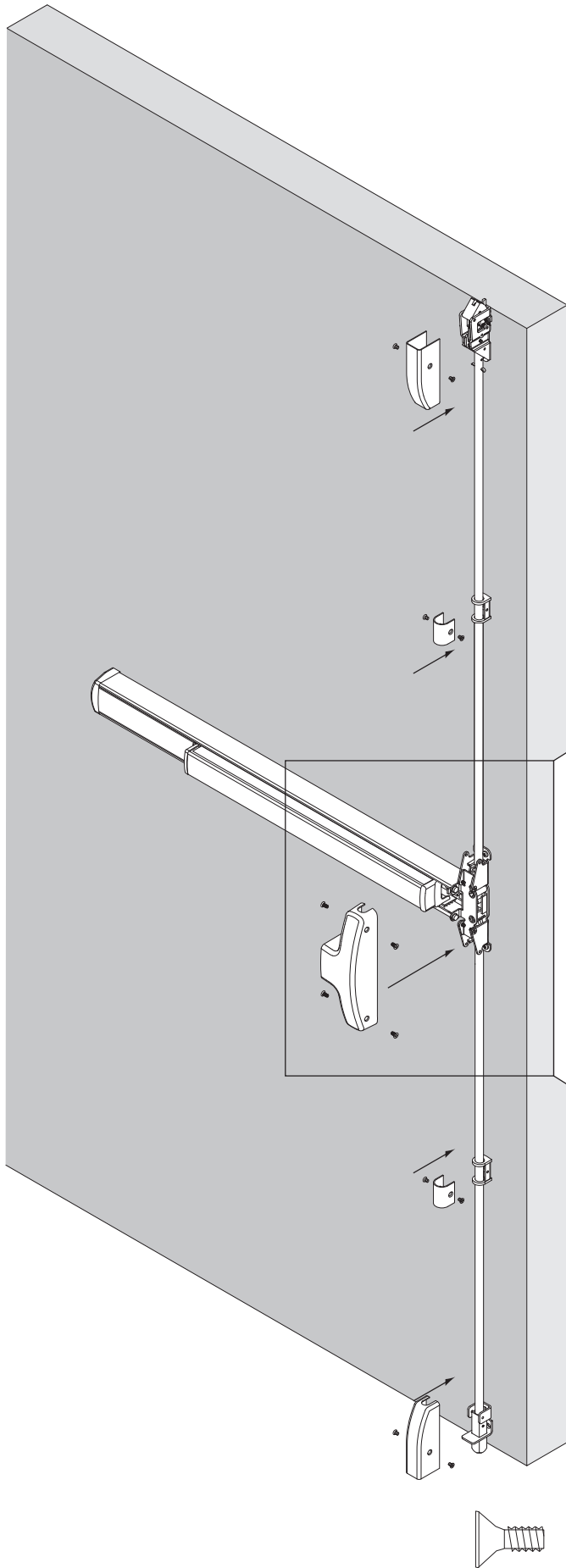
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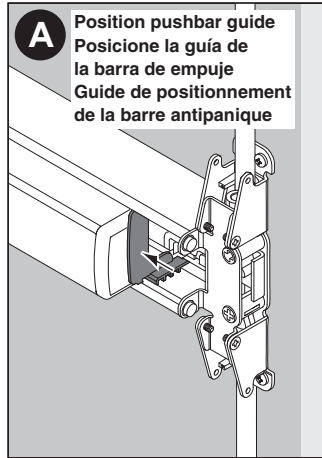
Metal	Metal	Métal
#25	#10-24	
OR O OU		
Wood	Madera	Bois
1/8" (3 mm)	1" (25 mm) deep/profundidad/ profondeur	

28

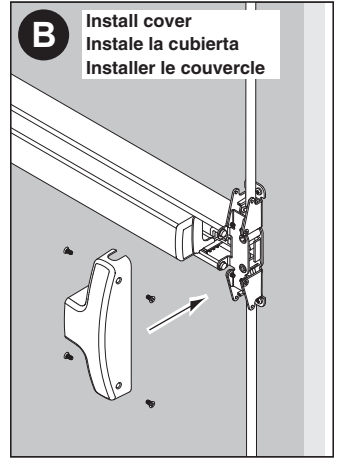


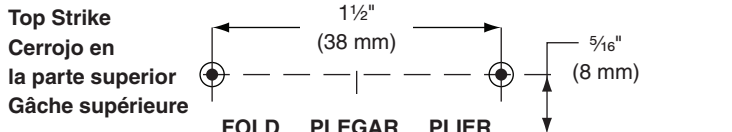


A Position pushbar guide
Posicione la guía de
la barra de empuje
Guide de positionnement
de la barre antipanique

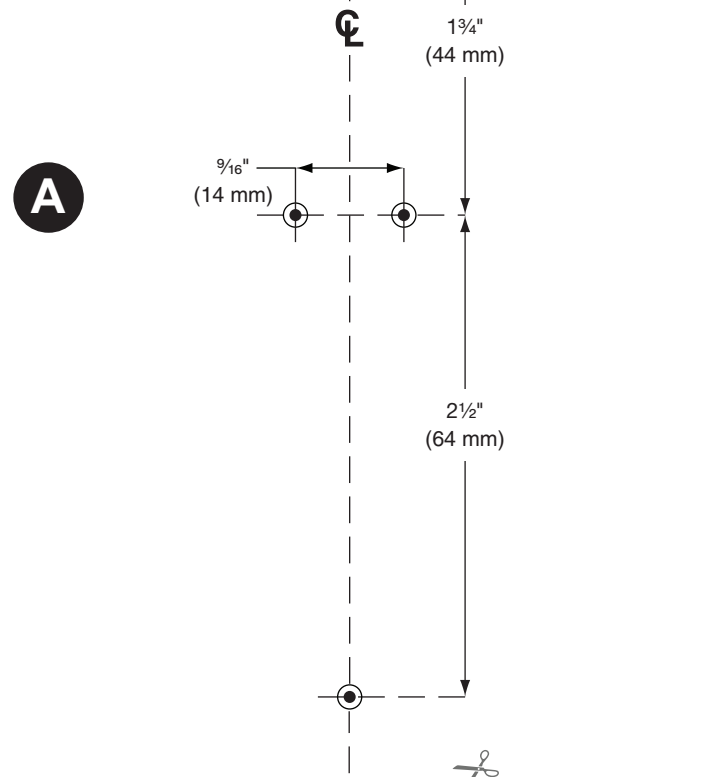


B Install cover
Instale la cubierta
Installer le couvercle

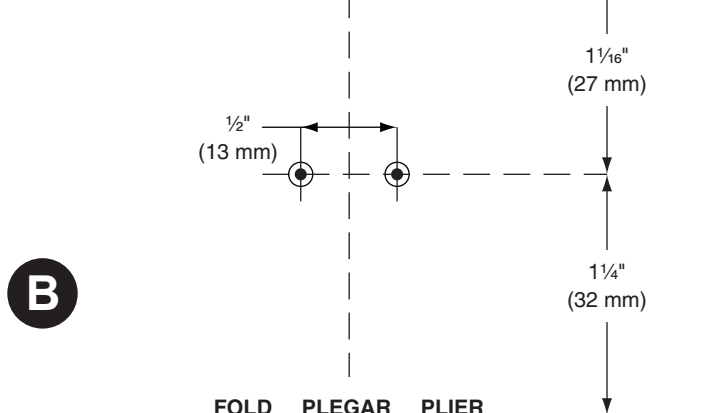




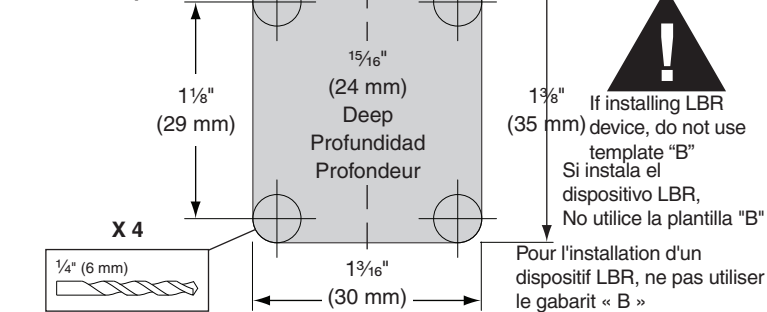
Top Latch
Seguro en la parte superior
Verrou supérieur



Bottom Bracket
Ménsula en la parte inferior
Support inférieur



Floor Cavity
Cavidad en el piso
Encoche de plancher

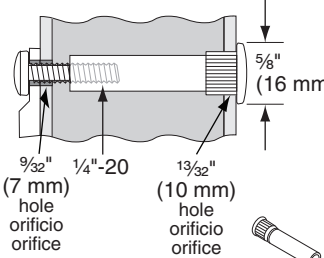


Sexbolt Perno macho-hembra Colonnette
Preparation Preparación Préparation

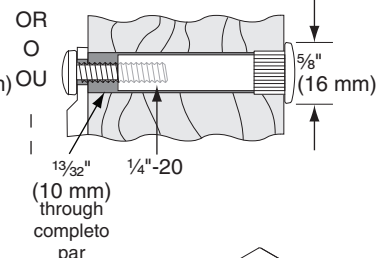


If sexbolts are in box, install them at steps 5, 7, & 12 per preparation shown below
Si los pernos macho-hembra se encuentran en la caja, instáloslos en los pasos 5, 7 y 12 conforme a la preparación como se muestra a continuación
Si les colonnettes sont dans la boîte, installez-les aux étapes 5, 7 et 12 selon la préparation illustrée ci-dessous

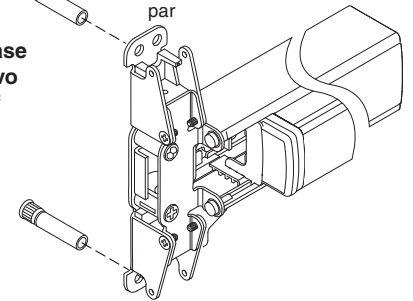
Metal/Metal/Métal



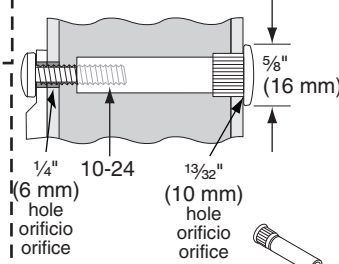
Wood/Madera/Bois



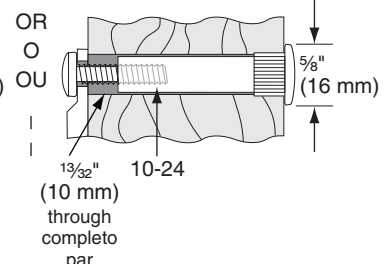
Center case
dispositivo
dispositif



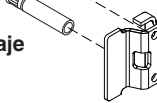
Metal/Metal/Métal



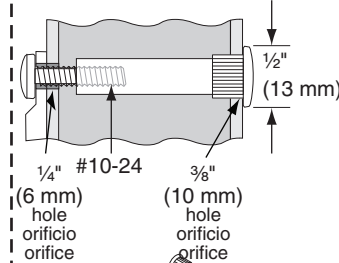
Wood/Madera/Bois



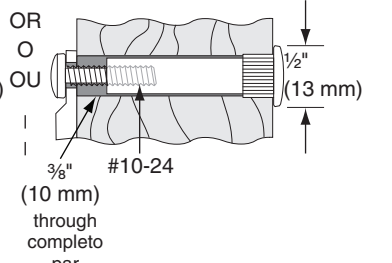
End bracket
soporte de montaje
crochet de fin



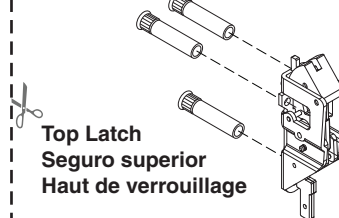
Metal/Metal/Métal



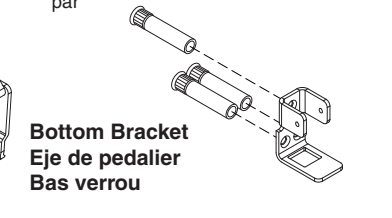
Wood/Madera/Bois



Top Latch
Seguro superior
Haut de verrouillage



Bottom Bracket
Eje de pedalier
Bas verrou





EL

FALCON®

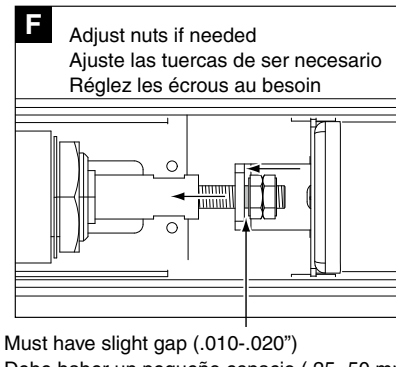
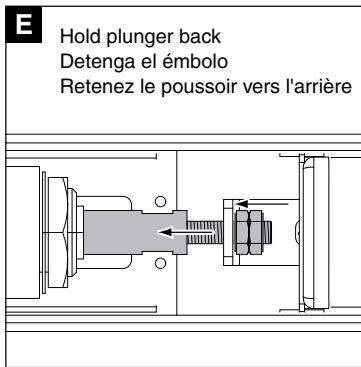
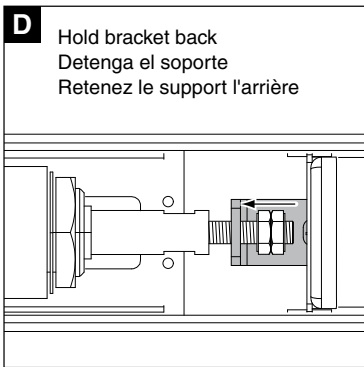
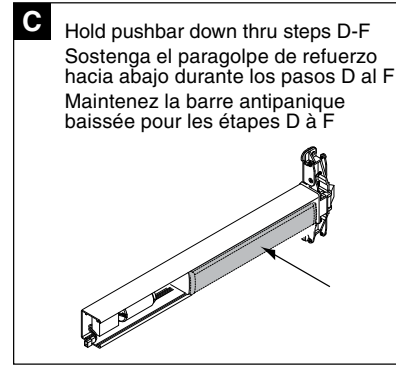
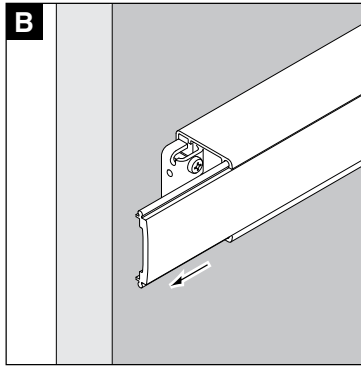
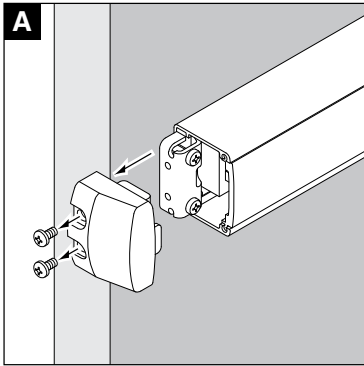
640029-00

Electric Latch Retraction
Retracción del pestillo eléctrico
Retrait électrique du verrou

Installation Instructions
Instrucciones de Instalación
Notice d'installation

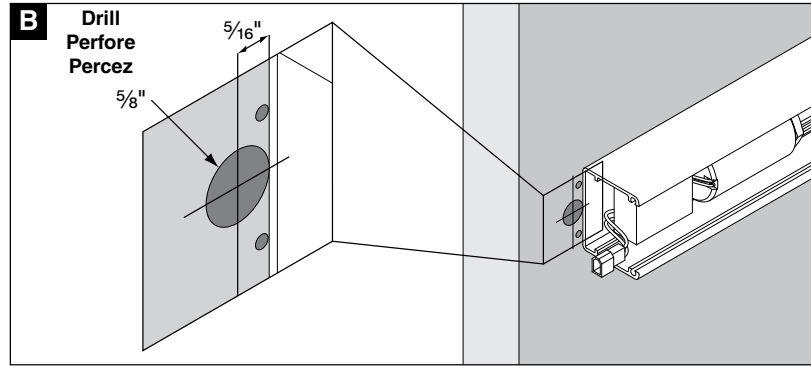
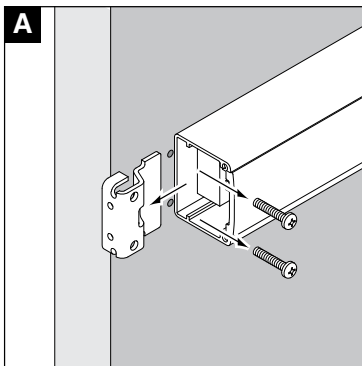
1 Install device per its installation instructions and adjust so that the latch functions well mechanically (EL disconnected)
 Instale el dispositivo siguiendo las instrucciones correspondientes y ajuste de manera que el pestillo(s) funcione correctamente de manera mecánica (EL desconectado)
 Installez l'article comme le prescrivent les instructions et réglez-le pour que le verrou fonctionne bien mécaniquement (verrou électrique débranché)

2 Check Adjustment of EL Solenoid and Adjust As Needed
 Verifique el ajuste del solenoide EL y ajuste conforme sea necesario
 Vérifiez l'ajustement du solénoïde du verrou électrique et réglez au besoin



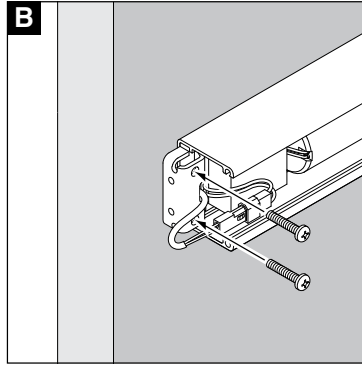
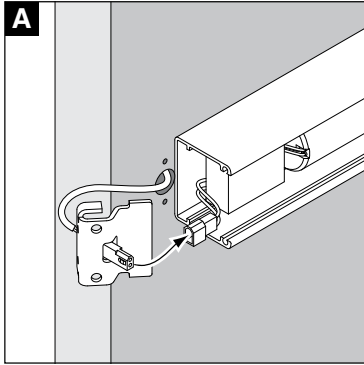
Must have slight gap (.010-.020")
 Debe haber un pequeño espacio (.25-.50 mm)
 Il doit y avoir un faible écart (.25-.50 mm)

3 Drill Wire Access Hole
 Perfore el orificio de acceso del cable
 Orifice d'accès pour câble



4

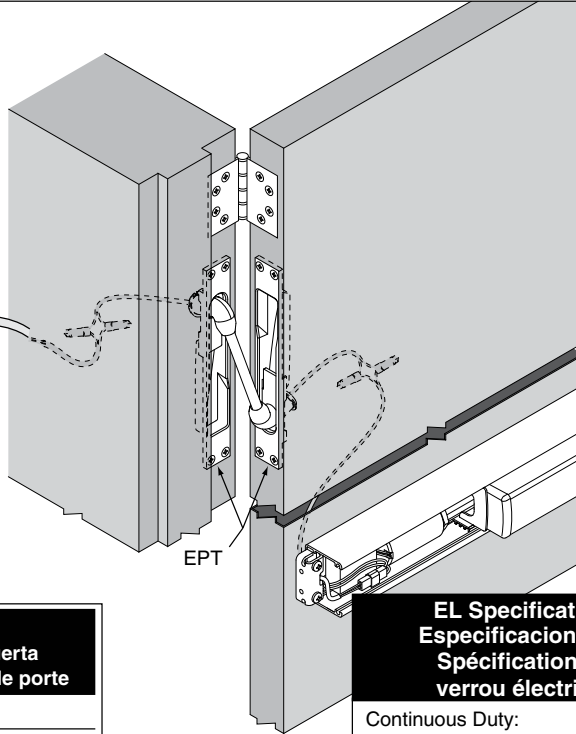
Connect Cable
Conecte el cable
Branchez le câble

**5**

Route Two Wires from EL to Power Supply
Enrute dos cables del EL al suministro eléctrico
Branchez les deux câbles du verrou électrique
à une source d'alimentation électrique



See Power Supply Instructions for EL System Wiring
 Ver instrucciones del suministro eléctrico para consultar el cableado del sistema EL
 Voir les instructions pour l'alimentation électrique du câblage du système de verrou électrique



Run Length Longitud de serie Longueur de plage	EL Device w/EPT or Door Loop Dispositivo EL c/EPT o presilla de la puerta Verrou électrique avec EPT ou boucle de porte
0-100 ft. (0-30 m)	14 awg
101-200 ft. (30-61 m)	12 awg

Run Length Longitud de serie Longueur de plage	EL Device w/Electric Hinge/Pivot Dispositivo EL c/bisagras/pivote eléctricos Verrou électrique avec charnière/pivot électrique
0-75 ft. (0-23 m)	14 awg
76-150 ft. (23-46 m)	12 awg

EL Specifications
Especificaciones EL
Spécification du verrou électrique

Continuous Duty: Uso continuo: Service continu :	24 VDC
Current Inrush: Corriente de entrada: Courant d'appel continu :	16 A
Current Holding: Corriente de mantenimiento: Retenue continue :	0.3 A

6