

1. MARK DOOR

- Mark height line on edge of door.
- Position center line of template on height line and mark center 2 1/8" hole at correct backset.
- Mark center of door thickness on height line for latch hole

MARCAR LA PUERTA

- Marcar la altura en el borde de la puerta.
- Colocar la línea central de la plantilla sobre la marca de la altura y marcar el centro para hacer un agujero de 53,975 mm (2 1/8") en el lugar correcto con siderando la distancia que hay desde el borde de la puerta hasta el centro del montaje.
- Marcar el centro del grosor de la puerta sobre la marca de la altura para el agujero del cerrojo.

MARQUAGE DE REPÈRES SUR LA PORTE

- Marquer la ligne de hauteur de pose sur la tranche de la porte.
- Positionner la ligne de centrage du gabarit sur la ligne de hauteur de pose et marquer le centre du trou de 53,975 mm (2 1/8 pouces) à la distance correcte par rapport à l'arête de la porte.
- Marquer le centre de l'épaisseur de la porte sur la ligne de hauteur de pose pour la cavité de pêne.

2. BORE TWO HOLES

- A. Bore 2 1/8" hole from both sides of door.
- B. Bore 1" hole for mortise style bolt or, Bore 1 1/8" hole for drive-in style bolt.

TALADRAR DOS AGUJEROS

- Taladrar un agujero de 53,975 mm (2 1/8") en ambos lados de la puerta.
- Taladrar un agujero de 25 mm (1") para una cerradura empotrable, o taladrar un agujero de 29 mm (1 1/8") para la cerradura que se coloca con impulsión.

PERCER DEUX TROUS

- Percer un trou de 53,975 mm (2 1/8 po.) à partir de chacun des côtés de la porte.
- Percer un trou de 25 mm (1 po.) pour un pêne à mortaise ou un trou de 29 mm (1 1/8" po.) pour un pêne borgne.

3. INSTALL STRIKE

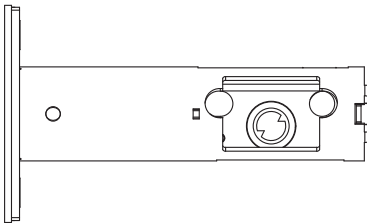
- Mark jam exactly opposite centerline of latch hole.
- Bore two 1" holes 5/16" above and below height line to a depth of 1 1/8".
- Mortise for strike.
- Drill 1/8" diameter x 2" deep for screws.

INSTALAR LA HEMBRA DEL CERROJO

- Marcar el quicio de la puerta exactamente en la línea central opuesta al agujero para el cerrojo.
- Taladrar dos agujeros de 25 mm (1"), de una profundidad de 28,575 mm (1 1/8") y a 7,938 mm (5/16") encima y debajo de la línea de altura.
- Hacer la muesca para la hembra del cerrojo.
- Taladrar un diámetro de 3,175 mm (1/8") x 50.0 mm (2") de profundidad para los tornillos.

INSTALLER LA GÂCHE

- Marquer le chambranle de porte exactement à l'opposé de l'axe de la cavité du pêne.
- Percer deux trous de 25 mm (1 po.) à 7,938 mm (5/16 de po.) au-dessus et au-dessous de la ligne de hauteur de pose, sur une profondeur de 28,575 mm (1 1/8 po.)
- Mortaiser la gâche pour le pêne.
- Percer des trous de 3,175 mm (1/8 de po.) de diamètre et de 76.2 mm (3 po.) de profondeur pour les vis.



4A INSTALL DEADBOLT

- Insert bolt assembly in door as shown and fasten with screws. Note: If resistance is met while inserting, press firmly on latch face plate
- (Hollow metal doors only) Before installing bolt insert a door support available from supplier.

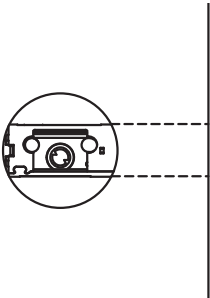
INSTALAR EL CERROJO DE CAJA

- Instalar el conjunto de piezas del cerrojo empotrado en la puerta, tal como se muestra, y apretar los tornillos. Nota: Si encuentra resistencia mientras se coloca, presione firmemente la placa frontal del cerrojo.
- (Para puertas huecas metálicas) Antes de instalar el cerrojo debe de instalarse la caja de apoyo metálica obtenible a través de su distribuidor.

INSTALLER LE PÈNE À PLAQUETTE

- Introduire l'ensemble de verrou avec pêne à mortaise dans la porte comme indiqué et le fixer avec les vis. Remarque: s'il y a résistance au moment de l'insertion, appuyer fermement sur la têtère du verrou.
- (Porte en métal vide) Insérer un support de porte qui est disponible chez votre fournisseur.
- Insérer l'ensemble du pêne à plaquette dans la porte tel qu'indiqué et serrer les vis.

Note: s'il y a signe de résistance pendant que le pêne est introduit, exercer une forte pression sur la plaquette du pêne.



4B TO CONVERT BOLT TO DRIVE-IN.

- Remove face plate by inserting screw driver in slot and twist.
- Attach circular front with set screws.

PARA CONVERTIR EL CERROJO A IMPULSION

- Remover el cerrojo empotrado en la puerta, insertando un destornillador en la ranura, luego gire en cualquier dirección.
- Colocar la parte circular delantera utilizando los tornillos.

CONVERSION DE PÈNE À PLAQUETTE À VERROU

- Enlever la plaquette en insérant un tournevis dans les fentes et tourner.
- Mettre le verrou et serrer les petites vis.

4C FOR CIRCULAR DRIVE-IN DEADBOLT

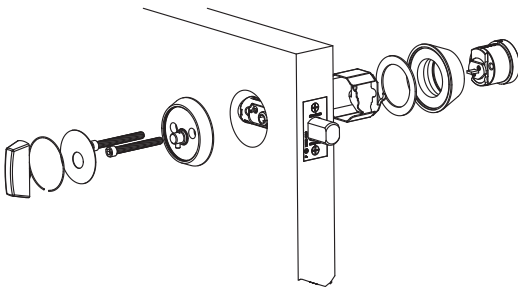
- Insert circular drive-in assembly in door as shown and, with bolt retracted, tap on face plate using block of wood and hammer until flush with edge of door.

INSTALAR EL CERROJO DE CARA CIRCULAR QUE SE COLOCA POR IMPULSION

- Instalar el conjunto de piezas del cerrojo de cara circular que se coloca por impulsión en la puerta, tal como se muestra, y, con el cerrojo retraído, golpear la placa frontal usando un bloque de madera hasta que quede alineada con el borde de la puerta.

INSTALLER LE VERROU AVEC PÈNE BORGNE À SECTION CIRCULAIRE

- Introduire l'ensemble de verrou avec pêne borgne à section circulaire dans la porte comme indiqué et, alors que le pêne est rétracté, marteler la têtère jusqu' à ce qu'elle soit alignée avec la tranche de la porte.



5A INSTALL SINGLE CYLINDER DEADBOLT

- If 1 3/8" door, include spacer on both outside cylinder and inside thumbturn.
- If 2" to 2 1/4" door, replace existing screws with thick door screws and install thick door tailpiece on outside cylinder and in thumbturn shaft.
- If 6 pin SFIC is used, add spacer between tailpiece and SFIC
- Place steel balls in screw mounting holes.
- Install cylinder, latch shield and thumbturn plate.
- Tighten mounting screws and check key operation.
- Cover screw holes with plate and secure with retainer ring.
- Install thumbturn and tighten setscrew.

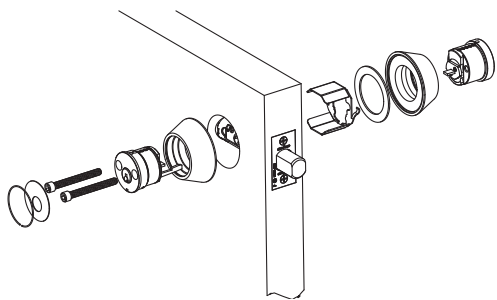
INSTALAR EL CERROJO DORMIDO DE CILINDRO INDIVIDUAL

- Si es una puerta de 35 mm (1 3/8"), incluir el espaciador en el cilindro exterior y en el pestillo giratorio interior.
- Si es una puerta de 50,8 a 63,5 mm (de 2 1/4 a 2 1/2"), reemplazar los tornillos existentes con tornillos para puertas de mayor grosor e instalar la pieza posterior para estas puertas en el cilindro exterior. y en el eje del pestillo giratorio.
- Si se utiliza el núcleo SFIC (SFIC = Small Format Interchangeable Core = Núcleo Intercambiable de Formato Pequeño) de 6 clavijas, agregar el espaciador entre la pieza posterior y el núcleo SFIC.
- Colocar las bolillas de acero en los agujeros para los tornillos de montaje.
- Instalar el cilindro, el protector del cerrojo y la placa de montaje
- Apretar los tornillos de montaje y verificar el funcionamiento de la llave
- Cubrir los agujeros para los tornillos con la placa y asegurar con el anillo de retención.
- Instalar el pestillo giratorio y apretar el tornillo de fijación.

INSTALLATION D'UN VERROU À PÈNE DORMANT ET À BARILLET UNIQUE

- Si l'épaisseur de la porte est de 35 mm (1 3/8 po.) ajouter une bague de compensation contre le cylindre extérieur et à l'intérieur.
- Si l'épaisseur de porte est comprise entre 50,8 et 63,5 mm (2-1/4 à 2-1/2"), remplacer les vis existantes par des vis à porte épaisse et installer une tige pour porte

- épaisse sur le barillet extérieur et dans l'axe du bouton-pousier.
- Si un SFIC (noyau interchangeable petit format) à 6 goupilles est utilisé, ajouter une entretoise entre queue de pêne et SFIC.
- Placer des billes d'acier dans les trous de montage pour vis.
- Installer barillet, écusson et plaque de bouton-pousier. Serrer les vis de montage et vérifier le bon fonctionnemnt de la clé
- Couvrir les trous de vis avec la plaque et fixer avec la bague de retenue.
- Installer le bouton-pousier et serer la vis de blocage.



5B INSTALL DOUBLE CYLINDER DEADBOLT

- If 1 3/8" door, include trim ring on both outside and inside cylinders.
- If 6 pin SFIC is used, add spacer between taipiece and SFIC.
- Place larger steel balls in outside cylinder mounting holes.
- Install latch shield and cylinders.
- Tighten mounting screws and check key operations.
- Smaller steel balls may be inserted in screw heads for a more permanent installation and greater security.
- Cover screw holes with plate and secure with retainer ring.
- Steel balls should not be used in cap screws if cylinder is to be removed at some future date.

NOTE: If it ever becomes necessary to remove retainer ring, use a dental pick or sharpened awl to pry it out

INSTALAR EL CERROJO DE DOBLE CILINDRO

- Si es una puerta de 35 mm (1 3/8"), incluir los anillos de decoración en los cilindros de exterior e interior.
- Si se utiliza el núcleo SFIC de 6 clavijas, agregar el espaciador entre la pieza posterior y el núcleo SFIC
- Colocar las bolillas de acero más grandes en los agujeros de montaje para el cilindro exterior.
- Instalar el protector del cerrojo y los cilindros.
- Apretar los tornillos de montaje y verificar el funcionamiento de la llave .
- Para una instalación permanente se pueden insertar bolillas de acero más perqueñas.
- Cubrir los agujeros para los tornillos con la placa y asegurar con el anillo de retención.
- Si el cilindro se va a sacar en una fecha futura, no se deberán usar las bolillas de acero en los tornillos de cas quete.

NOTA: Si alguna vez es necesario remover el anillo de retención, utilice un palillo de dientes o un punzón afilado para apalancarlo hacia afuera.

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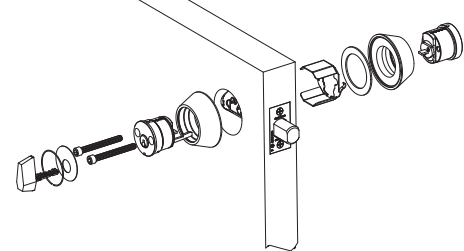
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INSTALLATION D'UN VERROU À PÊNE DORMANT ET À DOUBLE BARILLET

- Si l'épaisseur de la porte est de 35 mm (1 3/8 po.), ajouter une bague de compensation contre chaque cylindre, intérieur et extérieur.
- Si un SFIC (noyau interchangeable petit format) à 6 goupilles est utilisé, ajouter une entretoise entre queue de pêne et SFIC.
- Placer des billes d'acier plus grandes dans les trous de montage du barillet extérieur.
- Installer l'écusson et les barillets.
- Serrer les vis de fixation et vérifier le bon fonctionnement de la clé.
- On peut introduire des billes d'acier plus petites pour une installation permanente.
- Couvrir les trous de vis avec la plaque de fixation et maintenir en place avec la bague de retenue.
- Ne pas utiliser les billes d'acier dans les vis à tête si le barillet est susceptible d'être démonté ultérieurement.

REMARQUE: S'il faut démonter la bague de retenue, employer un objet pointu



5C INSTALL DOUBLE CYLINDER CAPTIVE THUMBTURN DEADBOLT

- If 1 3/8 " door, include trim ring on outside cylinder.
- If 6 pin SFIC is used, add spacer between tail piece and SFIC
- Place steel balls in screw mounting holes.
- Replace inside thumbturn assembly with inside blank plate.
- Install cylinder, latch shield and blank mounting plate.
- Tighten mounting screws and check key operation.

INSTALAR EL CERROJO DORMIDO DE PESTILLO GIRATORIO IMPERDIBLE DE DOBLE CILINDRO

- Si es una puerta de 35 mm (1 3/8"), incluir los anillos de decoración en el cilindro exterior.
- Si se utiliza el núcleo SFIC de 6 clavijas, agregar el espaciador entre la pieza posterior y el núcleo SFIC
- Colocar bolillas de acero en los agujeros para los tornillos de montaje.
- Reemplazar el conjunto de piezas del pestillo giratorio interior con la placa interior ciega.
- Instalar el cilindro, el protector del cerrojo y la placa de montaje ciega.
- Apretar los tornillos de montaje y verificar el funcionamiento de la llave.

INSTALLATION D'UN PÊNE DORMANT CAPTIF AVEC BOUTON-POUCIER À DOUBLE BARILLET

- Si l'épaisseur de la porte est de 35 mm (1 3/8 po.), ajouter une bague de compen sation contre le cylindre extérieur.
- Si un SFIC (noyau interchangeable petit format) à 6 goupilles est utilisé, ajouter une entretoise entre queue de pêne et SFIC.
- Placer des billes d'acier dans les trous de montage pour vis.
- Remplacer l'ensemble de bouton-pousier intérieur par la plaque intérieure borgne.
- Installer le barillet, l'écusson et la plaque de fixation borgne.
- Serrer les vis de fixation et vérifier le bon fonctionnement de la clé.

5D INSTALL SINGLE CYLINDER CLASSROOM FUNCTION DEADBOLT

- If 1 3/8'' door, include spacer on both outside cylinder and inside thumbturn.
- If 2 1/4" to 2 1/2" door, replace existing screws with thick door screws and install thick door tailpiece on outside cylinder and in thumbturn shaft.
- If 6 pin SFIC is used, add spacer between tailpiece and SFIC
- Place steel balls in screw mounting holes.
- Install cylinder, latch shield and thumbturn plate.
- Tighten mounting screws and check key operation.
- Cover screw holes with plate and secure with retainer ring.
- Install thumbturn and tighten setscrew.

NOTE: Classroom function deadbolts are shipped configured for RH door, to configure for LH door remove thumbturn cam retainer; remove, flip and reinstall thumbturn cam; reinstall thumbturn cam retainer.

INSTALAR EL CERROJO DORMIDO DE FUNCIÓN TIPO SALÓN DE CLASES DE CILINDRO INDIVIDUAL

- Si es una puerta de 35 mm (1 3/8"), incluir el espaciador en el cilindro exterior y en el pestillo giratorio interior.
- Si es una puerta de 57,2 a 63.5 mm (2 1/4" a 2 1/2"), reemplazar los tornillos existentes con tornillos para puertas de mayor grosor e instalar la pieza posterior para estas puertas en el cilindro exterior y en el eje del pestillo giratorio.
- Si se utiliza el núcleo SFIC de 6 clavijas, agregar el espaciador entre la pieza posterior y el núcleo SFIC
- Colocar bolillas de acero en los agujeros para los tornillos de montaje.
- Instalar el cilindro, el protector de cerrojo y la placa del pestillo giratorio.
- Apretar los tornillos de montaje y verificar el funcionamiento de la llave.
- Cubrir los agujeros de los tornillos con la placa y asegurar con el anillo de retención.
- Instalar el pestillo giratorio y apretar el tornillo de fijación.

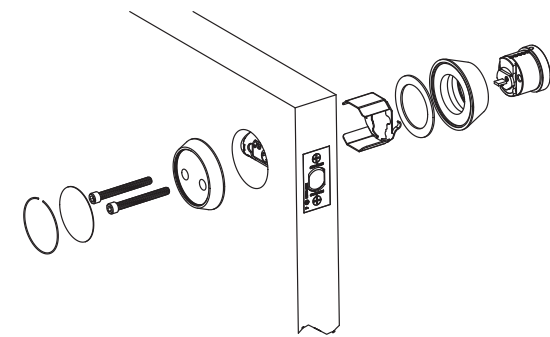
NOTA: Los cerrojos dormidos de función tipo salón de clases se envían configurados para puerta derecha, para

configurar para puerta izquierda, remover el retenedor de leva del pestillo giratorio; remover, voltear y reinstalar la leva del pestillo giratorio; reinstalar el retenedor de leva del pestillo giratorio.

INSTALLATION D'UN PÊNE DORMANT À SIMPLE BARILLET POUR SALLES DE CLASSE

- Si l'épaisseur de porte est de 35 mm (1-3/8"), ajouter une entretoise à la fois sur le barillet extérieur et le bouton-pousier intérieur.
- Si l'épaisseur de porte est comprise entre 50,8 et 63,5 mm (2-1/4 à 2-1/2"), remplacer les vis existantes par des vis à porte épaisse et installer une tige pour porte épaisse sur le barillet extérieur et dans l'axe du bouton-pousier.
- Si un SFIC (noyau interchangeable petit format) à 6 goupilles est utilisé, ajouter une entretoise entre queue de pêne et SFIC.
- Placer des billes d'acier dans les trous de montage de vis.
- Installer barillet, écusson et plaque de bouton-pousier.
- Serrer les vis de fixation et vérifier le bon fonctionnement de la clé.
- Couvrir les trous de vis avec la plaque de fixation et maintenir en place avec la bague de retenue.
- Installer le bouton-pousier et serrer la vis de blocage.

REMARQUE : Les pènes dormants pour salles de classe sont livrés configurés pour porte à ouverture à droite. Pour les configurer pour ouverture de porte à gauche, enlever la fixation de came du bouton-pousier, sortir puis basculer et remettre en place la came, remonter la fixation de came.



5E INSTALL SINGLE CYLINDER WITH INSIDE BLANK DEADBOLT.

- If 1 3/8'' door, include spacer on both outside cylinder and inside blank plate.
- If 2 1/4" to 2 1/2" door, replace existing screws with thick door screws and install thick door tailpiece on outside cylinder.
- If 6 pin SFIC is used, add spacer between tailpiece and SFIC
- Place steel balls in screw mounting holes.
- Install cylinder, latch shield and blank plate.
- Tighten mounting screws and check key operation.
- Cover screw holes with plate and secure with retainer ring.

INSTALAR EL CILINDRO INDIVIDUAL CON CERROJO DORMIDO DE PLACA CIEGA INTERIOR.

- Si es una puerta de 35 mm (1 3/8"), incluir el espaciador en el cilindro exterior y en la placa ciega interior.
- Si es una puerta de 57,2 a 63,5 mm (2 1/4" a 2 1/2"), reemplazar los tornillos existentes con tornillos para

puertas de mayor grosor e instalar la pieza posterior para estas puertas en el cilindro exterior.

- Si se utiliza el núcleo SFIC de 6 clavijas, agregar el espaciador entre la pieza posterior y el núcleo SFIC
- Colocar bolillas de acero en los agujeros de los tornillos de montaje.
- Instalar el cilindro, el protector de cerrojo y la placa ciega.
- Apretar los tornillos de montaje y verificar el funcionamiento de la llave.
- Cubrir los agujeros de los tornillos con la placa y asegurar con el anillo de retención.

INSTALLATION D'UN PÊNE DORMANT À SIMPLE BARILLET AVEC OBTURATION À L'INTÉRIEUR

- Si l'épaisseur de porte est de 35 mm (1-3/8"), ajouter une entretoise à la fois sur le barillet extérieur et la plaque d'obturation intérieure.
- Si l'épaisseur de porte est comprise entre 50,8 et 63,5 mm (2-1/4 à 2-1/2"), remplacer les vis existantes par des vis à porte épaisse et installer une tige pour porte épaisse sur le barillet extérieur.
- Si un SFIC (noyau interchangeable petit format) à 6 goupilles est utilisé, ajouter une entretoise entre queue de pêne et SFIC.
- Placer des billes d'acier dans les trous de montage de vis.
- Installer barillet, écusson et plaque de bouton-pousier.
- Serrer les vis de fixation et vérifier le bon fonctionnement de la clé.
- Couvrir les trous de vis avec la plaque de fixation et maintenir en place avec la bague de retenue.

5F INSTALL OUTSIDE BLANK WITH INSIDE SINGLE CYLINDER DEADBOLT

- If 1 3/8'' door, include spacer on both inside cylinder and outside blank plate.
- If 2 1/4" to 2 1/2" door, replace existing screws with thick door screws and install thick door tailpiece on inside cylinder. Screw Package CP-011753 Required.
- If 6 pin SFIC is used, add spacer between tailpiece and SFIC
- Place steel balls in screw mounting holes.
- Install cylinder and blank plate.
- Tighten mounting screws and check key operation.
- Cover screw holes with plate and secure with retainer ring.

INSTALAR LA PLACA CIEGA EXTERIOR CON EL CERROJO DORMIDO DE CILINDRO INDIVIDUAL INTERIOR

- Si es una puerta de 35 mm (1 3/8"), incluir el espaciador en el cilindro interior y en la placa ciega exterior.
- Si es una puerta de 57,2 a 63,5 mm (2 1/4" a 2 1/2"), reemplazar los tornillos existentes con tornillos para puertas de mayor grosor e instalar la pieza posterior para estas puertas en el cilindro interior. Se requiere el Paquete de Tornillos CP-011754.
- Si se utiliza el núcleo SFIC de 6 clavijas, agregar el espaciador entre la pieza posterior y el núcleo SFIC
- Colocar bolillas de acero en los agujeros de los tornillos de montaje.
- Instalar el cilindro y la placa ciega.
- Apretar los tornillos de montaje y verificar el funcionamien to de la llave.
- Cubrir los agujeros de los tornillos con la placa y asegurar con el anillo de retención

INSTALLATION D'UN PÊNE DORMANT À SIMPLE BARILLET AVEC OBTURATION À L'EXTÉRIEUR

- Si l'épaisseur de porte est de 35 mm (1-3/8"), ajouter une entretoise à la fois sur le barillet intérieur et la plaque d'obturation extérieure.
- Si l'épaisseur de porte est comprise entre 50,8 et 63,5 mm (2-1/4 à 2-1/2"), remplacer les vis existantes par des vis à porte épaisse et installer une tige pour porte épaisse sur le barillet intérieur. Ensemble de visserie CP-011754 nécessaire.
- Si un SFIC (noyau interchangeable petit format) à 6 goupilles est utilisé, ajouter une entretoise entre queue de pêne et SFIC.
- Placer des billes d'acier dans les trous de montage de vis.
- Installer barillet, écusson et plaque de bouton-pousier.
- Serrer les vis de fixation et vérifier le bon fonctionnement de la clé.
- Couvrir les trous de vis avec la plaque de fixation et maintenir en place avec la bague de retenue.

5G INSTALL OUTSIDE BLANK WITH INSTIDE THUMBTURN

- If 1 3/8'' door, include spacer on both outside blank plate and inside thumbturn.
- If 2 1/4" to 2 1/2" door, replace existing screws with thick door screws. Screw Package CP-011753 Required.
- Place steel balls in screw mounting holes.
- Install blank plate and thumbturn.
- Tighten mounting screws and check key operation.
- Cover screw holes with plate and secure with retainer ring.

INSTALAR LA PLACA CIEGA EXTERIOR CON EL PESTILLO GIRATORIO INTERIOR

- Si es una puerta de 35 mm (1 3/8"), incluir el espaciador en la placa ciega exterior y en el pestillo giratorio interior.
- Si es una puerta de 57,2 a 63,5 mm (2 1/4" a 2 1/2"), reemplazar los tornillos existentes con tornillos para puertas de mayor grosor. Se requiere el Paquete de Tornillos CP-011753.
- Colocar las bolillas de acero en los agujeros de los tornillos de montaje.
- Instalar la placa ciega y el pestillo giratorio.
- Apretar los tornillos de montaje y verificar el funcionamiento de la llave.
- Cubrir los orificios de los tornillos con la placa y asegurar con el anillo de retención.

INSTALLATION D'UNE OBTURATION EXTÉRIEURE AVEC BOUTON-POUCIER INTÉRIEUR

- Si l'épaisseur de porte est de 35 mm (1-3/8"), ajouter une entretoise à la fois sur plaque d'obturation extérieure et bouton-pousier intérieur.
- Si l'épaisseur de porte est comprise entre 50,8 et 63,5 mm (2-1/4 à 2-1/2"), remplacer les vis existantes par des vis à porte épaisse. Ensemble de visserie CP-011753 nécessaire.
- Placer des billes d'acier dans les trous de montage de vis.
- Installer barillet, écusson et plaque de bouton-pousier.
- Serrer les vis de fixation et vérifier le bon fonctionnement de la clé.
- Couvrir les trous de vis avec la plaque de fixation et maintenir en place avec la bague de retenue.

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3. This warranty is given in lieu of all other warranties, express or implied, including warranties of merchantability and fitness for a particular purpose and there shall be no liability on the part of Medeco, its distributors or retail vendors for any injury, loss or damage, either direct, incidental or consequential, arising out of the use or inability to use, the Medeco product. Some states do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an applied warranty lasts, so the above limitations may not apply to you. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

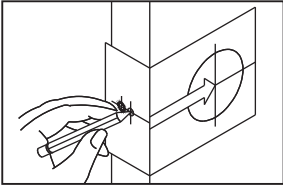
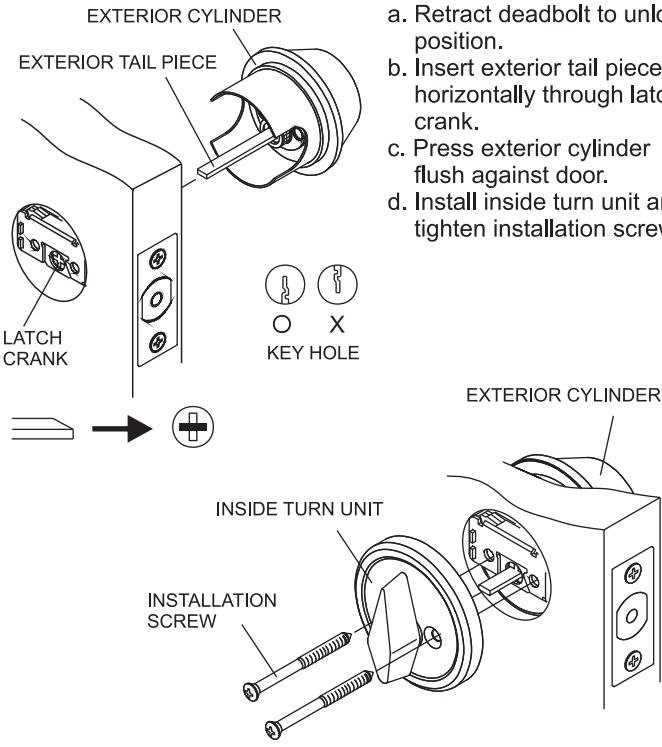
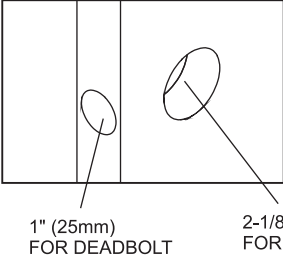
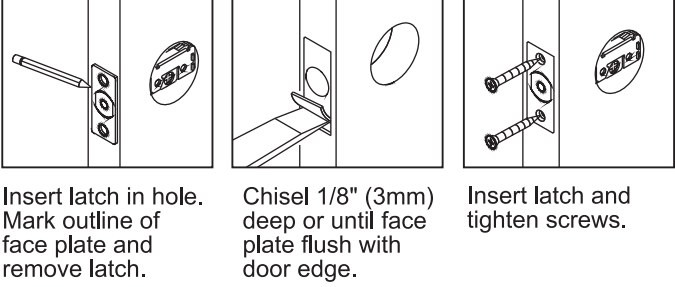
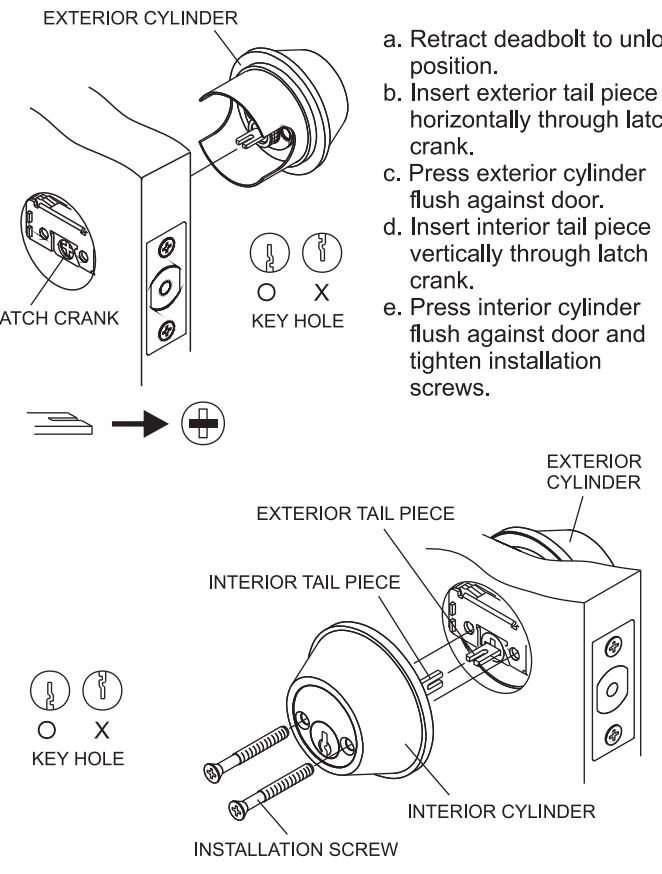
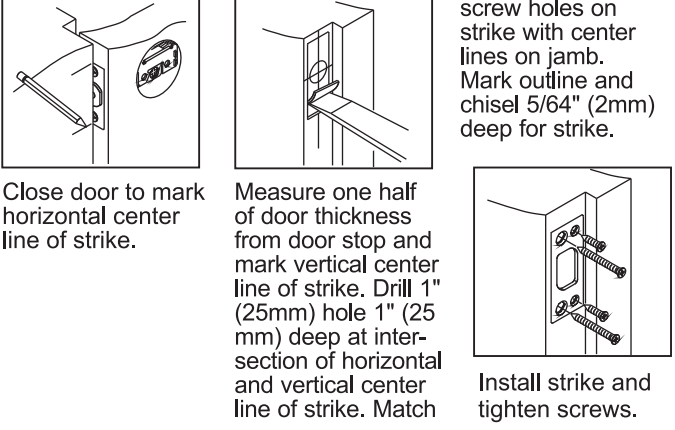
4. Medeco is not responsible for damage to the product while in the consumer's possession, or for unreasonable use, including but not limited to failure to provide reasonable and necessary maintenance and lubrication, which causes a defect, malfunction or failure in the product.

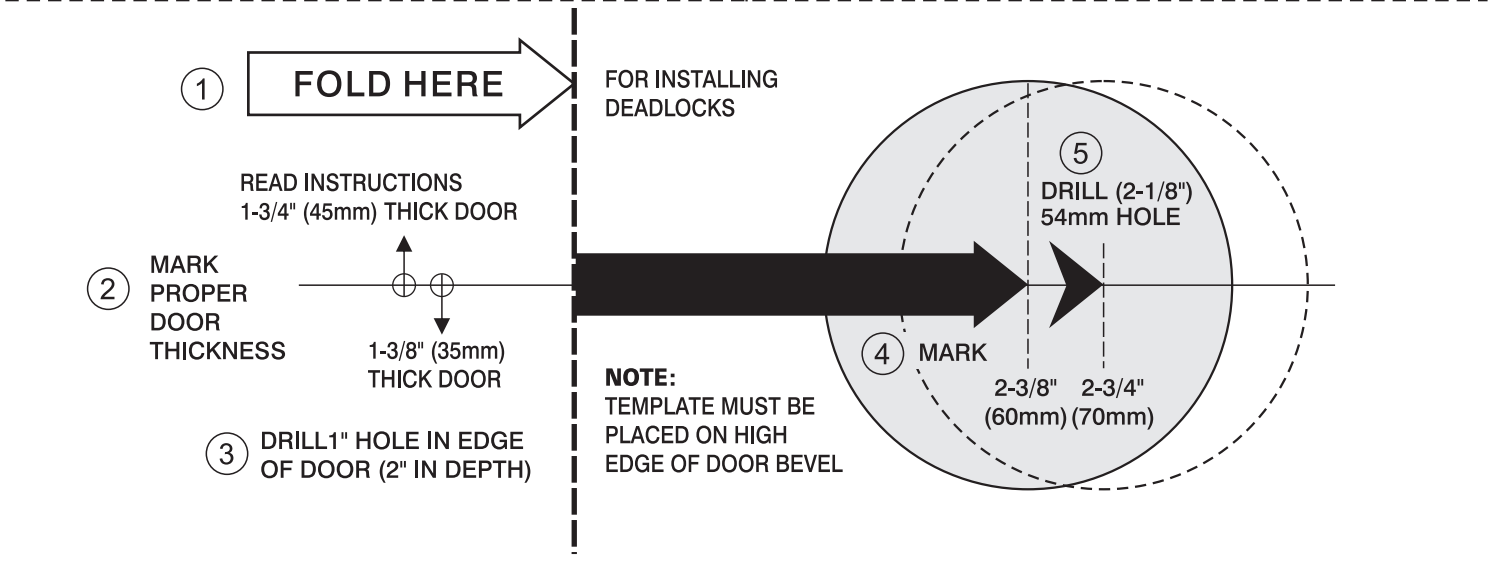
5. In order to request warranty repair or replacement, the consumer must return the product to Medeco Security Locks, Inc. • P.O. Box 3075, Salem, VA 24153.

IMPORTANT:
Professional installation by an authorized Medeco dealer or security professional certified by the Associated Locksmiths of America is STRONGLY recommended. Please visit www.medeco.com/dealers/ or <http://www.findalocksmith.com/> to locate a locksmith near you.

INSTRUCTIONS FOR INSTALLATION OF SINGLE OR DOUBLE CYLINDER DEADBOLTS AND THE REPLACEMENT OF EXISTING LOCKS

FOR USE ON DOOR THICK 1-3/8" TO 1-3/4" (35mm-45mm)
TOOLS REQUIRED FOR NEW CONSTRUCTION:
1 philips head screwdriver
1 2-1/8" (54mm) hole saw
1 1" (25mm) drill & 1 chisel
TOOLS REQUIRED FOR REPLACEMENT:
1 philips head screwdriver

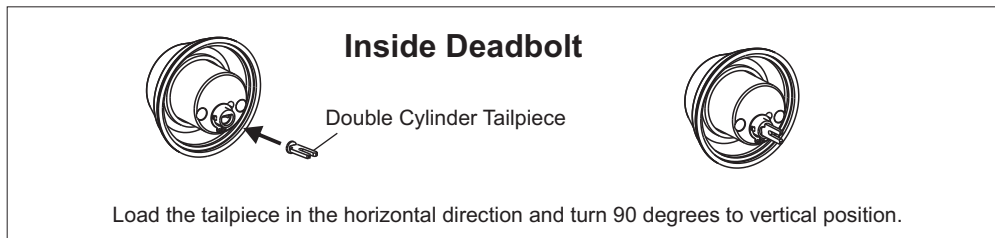
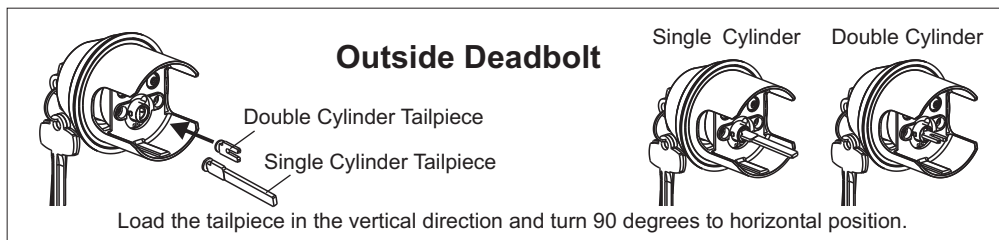
1. MARK DOOR  a. Fold and apply template on high edge of door bevel and mark center of door edge as indicated on template at the desired height from the floor. b. Mark center hole on door face through guide on template for either 2-3/8" or 2-3/4" (60mm or 70mm) backset. NOTE: BACKSET ON DOOR FACE MUST BE SAME AS BACKSET OF YOUR LOCK.	5. INSTALL SINGLE CYLINDER  a. Retract deadbolt to unlock position. b. Insert exterior tail piece horizontally through latch crank. c. Press exterior cylinder flush against door. d. Install inside turn unit and tighten installation screws.
2. DRILL HOLES  Drill holes as marked. NOTE: DRILL 2-1/8" (54mm) HOLE FROM BOTH SIDES OF DOOR TO AVOID SPLITTING WOOD. 1" (25mm) FOR DEADBOLT 2-1/8" (54mm) HOLE FOR LOCKSET	
3. INSTALL LATCH  Insert latch in hole. Mark outline of face plate and remove latch. Chisel 1/8" (3mm) deep or until face plate flush with door edge. Insert latch and tighten screws.	6. INSTALL DOUBLE CYLINDER  a. Retract deadbolt to unlock position. b. Insert exterior tail piece horizontally through latch crank. c. Press exterior cylinder flush against door. d. Insert interior tail piece vertically through latch crank. e. Press interior cylinder flush against door and tighten installation screws.
4. INSTALL STRIKE  screw holes on strike with center lines on jamb. Mark outline and chisel 5/64" (2mm) deep for strike. Close door to mark horizontal center line of strike. Measure one half of door thickness from door stop and mark vertical center line of strike. Drill 1" (25mm) hole 1" (25mm) deep at intersection of horizontal and vertical center line of strike. Match Install strike and tighten screws.	



139X97(mm)

LM-IC(1)

Deadbolt Single & Double Cylinder IC Supplemental Instruction



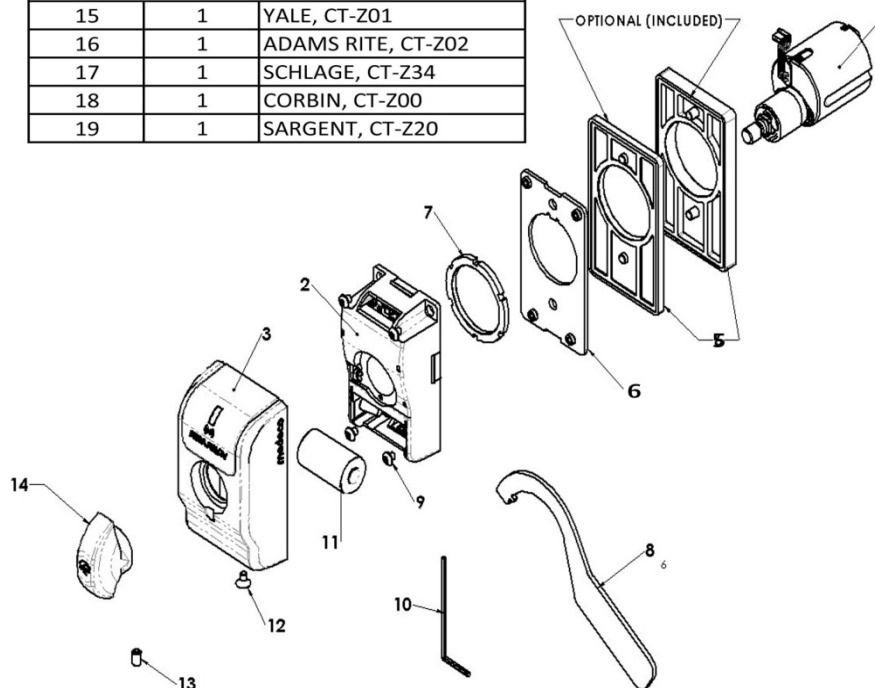


Aperio is a wireless lock technology for new and existing access control systems, online or offline. Aperio is developed by ASSA ABLOY, the global leader in door opening solutions.



Medeco M100

ITEM	QTY	DESCRIPTION
1	1	CYLINDER
2	1	CONTROL UNIT
3	1	COVER
4		INSTALLATION KIT
5	1	SPACER, THICK
	1	SPACER, THIN
6	1	MOUNTING PLATE
7	1	LOCKING NUT
8	1	LOCKING NUT TOOL
9	1	MOUNTING SCREWS
10	1	ALLEN WRENCH
11	1	BATTERY, CR-2
12	1	COVER SCREW
13	1	SET SCREW
14	1	THUMBTURN
CAMS INCLUDED (NOT SHOWN)		
15	1	YALE, CT-Z01
16	1	ADAMS RITE, CT-Z02
17	1	SCHLAGE, CT-Z34
18	1	CORBIN, CT-Z00
19	1	SARGENT, CT-Z20



Before you begin please verify the following:

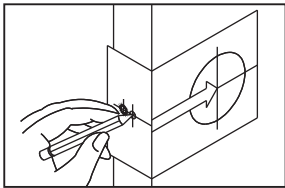
- Proper Cam
- Programming Training Completed
- Verify Handing of Door (Left or Right Hand)

INSTRUCTIONS D'INSTALLATION DE PÊNES DORMANTS À CYLINDRE SIMPLE OU DOUBLE ET DE REMPLACEMENT DE SERRURES

POUR INSTALLATION SUR PORTES DE 1-3/8 PO À 1-3/4 PO (35mm À 45mm) D'ÉPAISSEUR
OUTILS REQUIS POUR UNE CONSTRUCTION NEUVE:
1 tournevis cruciforme
1 scie cloche 2-1/8 po (54mm)
1 mèche de 1 po (25mm) et un ciseau à bois

OUTILS REQUIS POUR UN REMPLACEMENT:
1 tournevis cruciforme

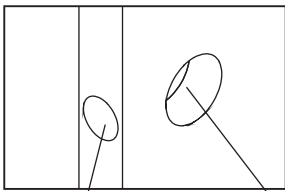
1. MARQUER LA PORTE



- a. Pliez et posez le gabarit sur le bord le plus élevé du biseau de la rive tel qu'indiqué sur le gabarit, et ce à la hauteur désirée du plancher.
- b. Marquez le trou central à travers le gabarit sur la face de la porte, avec un écartement de 2-3/8 po ou 2-3/4 po (60mm ou 70mm).

NOTE: L'ÉCARTEMENT SUR LA FACE DE LA PORTE ET CELUI DE VOTRE SERRURE DOIVENT ÊTRE IDENTIQUES.

2. PERCEZ LES TROUS



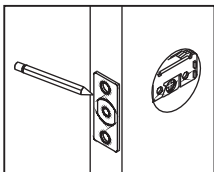
1 po (25mm)
le pêne dormant

Trou de 2-1/8 po (54mm)
pour la serrure

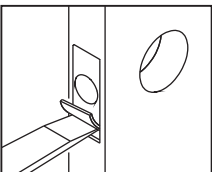
Percez les trous marqués.

NOTE:
PERCEZ UN TROU DE 2-1/8 PO (54mm) EN PERCANT DES DEUX COTÉS DE LA PORTE AFIN D'ÉVITER L'ÉCLATEMENT.

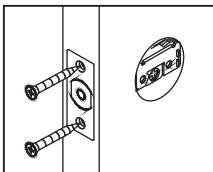
3. INSTALLER LE PÊNE DORMANT



Introduisez le pêne dormant dans le trou en position parallèle à la face de la porte. Marquez le contour de la têtère et retirez le pêne dormant.

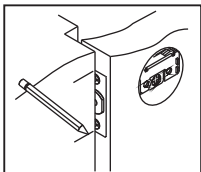


Découpez une mortaise de 1/8" po (3mm) de profondeur ou jusqu'à ce que la têtère affleure la rive de porte.

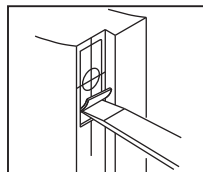


Introduisez le pêne dormant et serrez les vis.

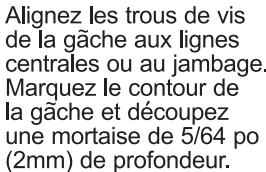
4. INSTALLER LA GÂCHE



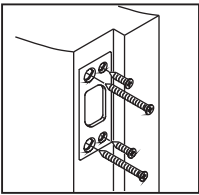
Fermez la porte pour marquer la ligne centrale horizontale de la gâche.



Mesurez la moitié de l'épaisseur de la porte à partir du butoir et marquez la ligne centrale verticale de la gâche. Percez un trou de 1 po (25mm) d'une profondeur de 1 po (25mm) à l'intersection de la ligne horizontale et de la ligne verticale de la gâche.

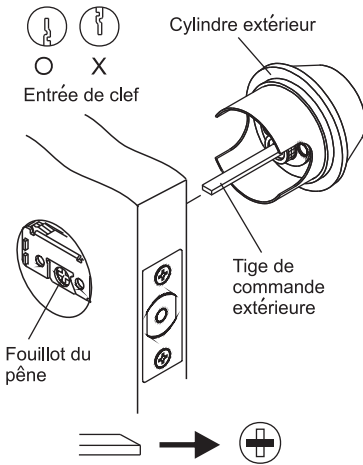


Alignez les trous de vis de la gâche aux lignes centrales ou au jambage. Marquez le contour de la gâche et découpez une mortaise de 5/64 po (2mm) de profondeur.

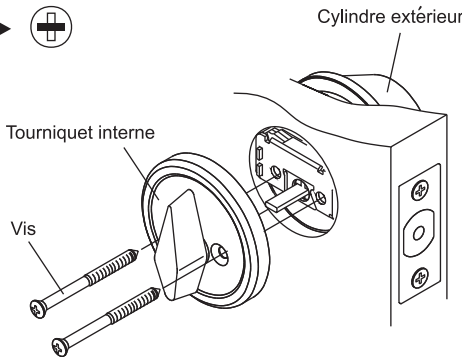


Installez la gâche et serrez les vis.

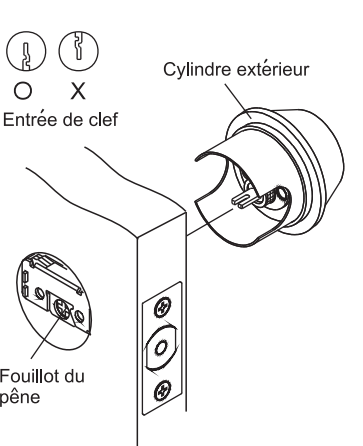
5. INSTALLER LE CYLINDRE SIMPLE



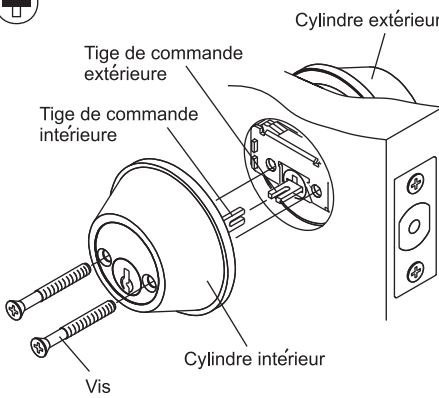
- a. Rentrez le pêne dormant à la position déverrouillé.
- b. Introduisez la tige de commande extérieure horizontalement à travers le fouillot du pêne.
- c. Poussez la cylindre extérieur jusqu'à ce qu'il sffleure la porte.
- d. Installez le tourniquet interne et serrez les vis.



6. INSTALLER LE CYLINDRE DOUBLE



- a. Rentrez le pêne dormant à la position déverrouillé.
- b. Introduisez la queue extérieure horizontalement à travers le fouillot du pêne.
- c. Poussez le cylindre extérieur jusqu'à ce qu'il sffleure la porte.
- d. Introduisez la queue intérieure verticalement à travers le fouillot du pêne.
- e. Poussez le cylindre intérieur jusqu'à ce qu'il effleure la porte et serrez les vis.



①

PLIEZ ICI

POUR INSTALLER UN PÊNE DORMANT

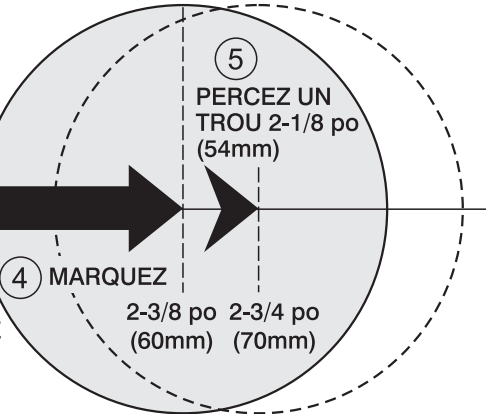
LISEZ LES INSTRUCTIONS
Porte de 1-3/4 po (45mm)
d'épaisseur

② MARQUEZ
L'ÉPAISSEUR
DE LA PORTE

Porte de 1-3/8 po (35mm)
d'épaisseur

③ PERCEZ UN TROU DE 1 po
DANS LA RIVE DE LA PORTE
(PROFONDEUR DE 2 po)

NOTE:
LE GABARIT DOIT ÊTRE
POSÉ SUR LE BORD
LE PLUS ÉLEVÉ DU
DU BISEAU DE PORTE



④ MARQUEZ
2-3/8 po 2-3/4 po
(60mm) (70mm)

⑤ PERCEZ UN
TROU 2-1/8 po
(54mm)

Step 1: The M100 installs in a similar fashion to a mechanical mortise lock, and requires the same adjustments to function properly with the mortise hardware. The following steps outline the mechanical installation only.

Removal of Existing Cylinder

- Remove the door-edge trim by removing the retaining screws and gently prying the trim plate loose (Fig. 1).
- Loosen the cylinder clamp screw far enough to allow the existing cylinder to be removed (Fig. 2).
- Using a key partially inserted, rotate the mortise cylinder counter-clockwise to remove it. Also remove any trim rings if they are used (Fig. 3).

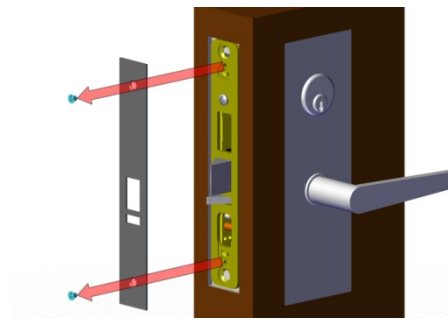


Fig. 1

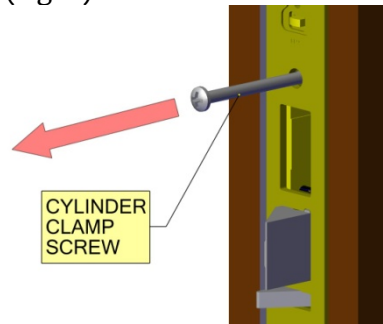


Fig. 2

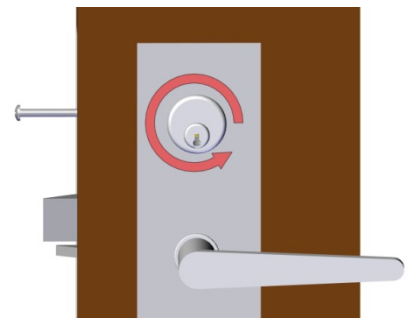


Fig. 3

Step 2: Verify that the cam on the M100 is the same style as was on the cylinder that was just removed. If the removed cylinder is a **Medeco** brand, the cam can be interchanged onto the M100 (Fig. 4).

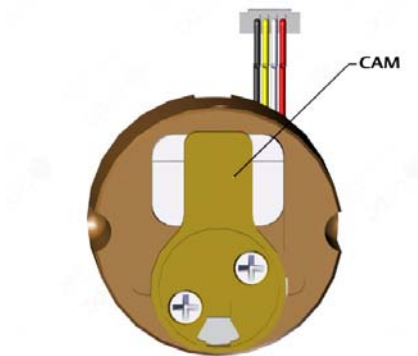


Fig. 4

Screw the M100 into the cylinder mounting hole on the mortise hardware (Fig. 5). It is important to not over-tighten, or to keep too loose on the door. The face of the M100 cylinder should stand proud of the escutcheon approximately 3/16"-1/4". Please also see (Fig. 12) before proceeding (Fig. 6).

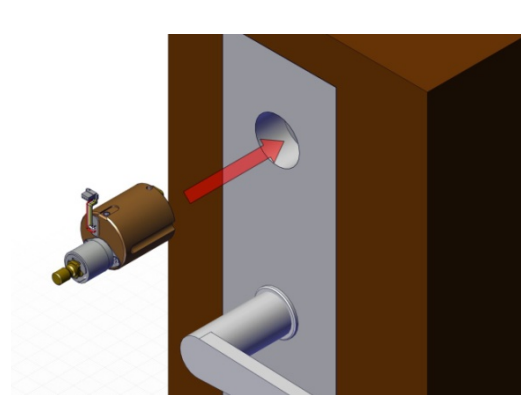


Fig. 5

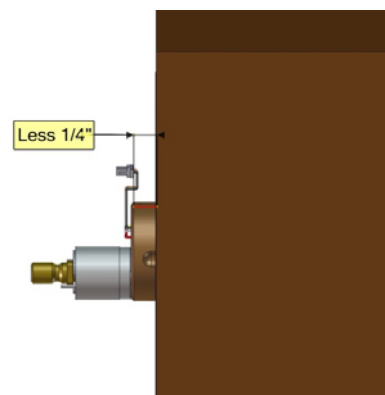


Fig. 6

Step 3: Re-tighten the cylinder clamp screw with the M100 in a vertical position. The screw should engage tightly in the slot along the edge of the cylinder so the cylinder cannot rotate (Fig. 7).

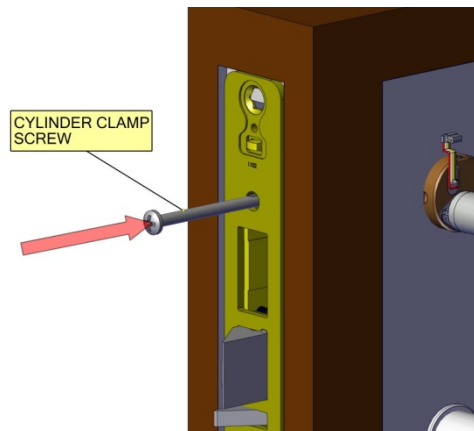


Fig. 7

Step 4: Add back plate and locking nut (Fig. 8). **Warning:** Wire harness goes through plate (Fig. 9).

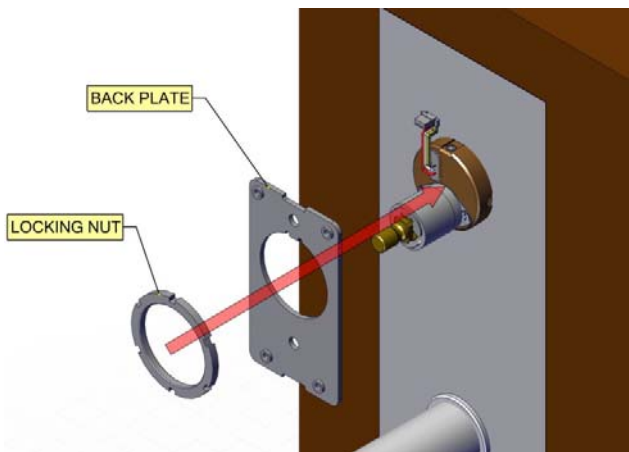


Fig. 8

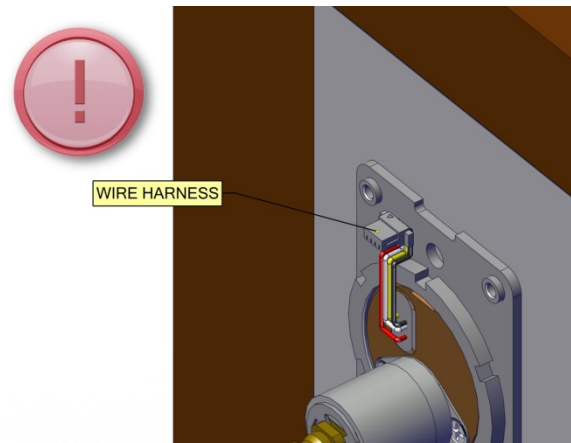


Fig. 9

Tighten with locking nut tool (Fig. 10). **Warning:** Only one or two threads should be visible for proper operation (Fig. 11).

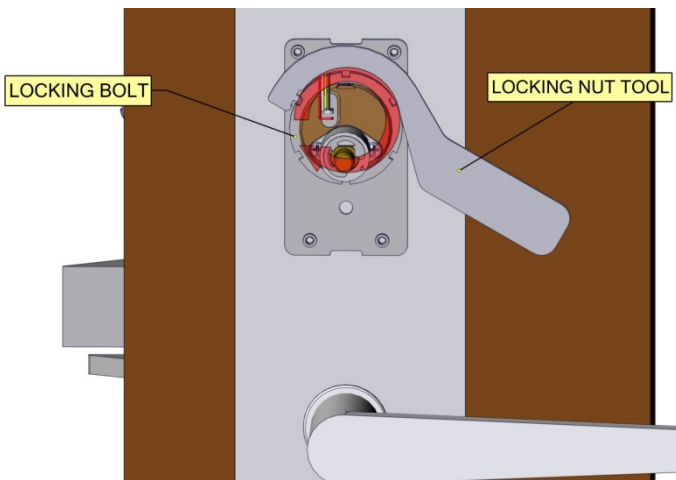


Fig. 10

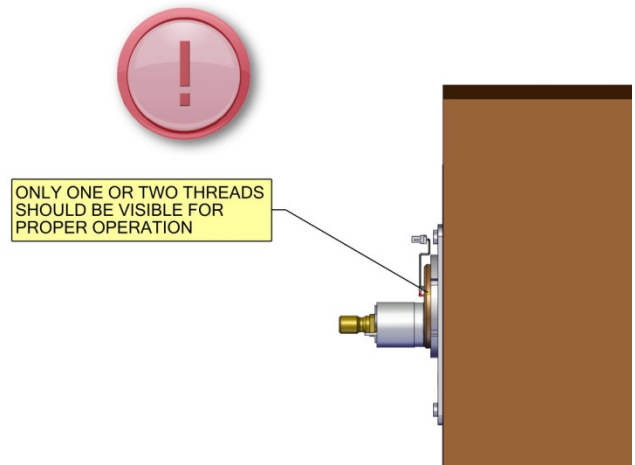


Fig. 11

Step 5: Connect control unit to wire harness and install 4 mounting screws (Fig. 12 and Fig. 13).
Warning: Avoid pinching wire harness when mounting the control unit.

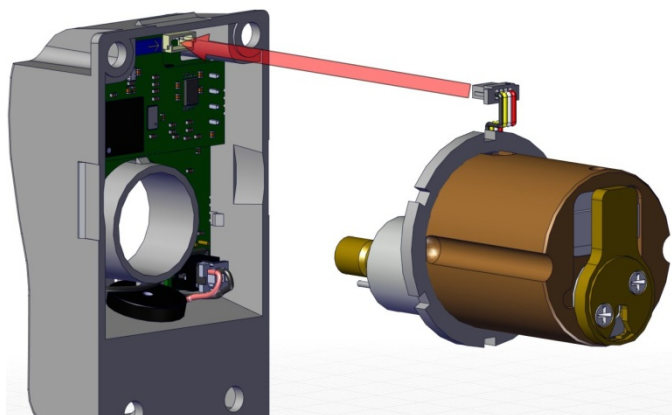


Fig. 12

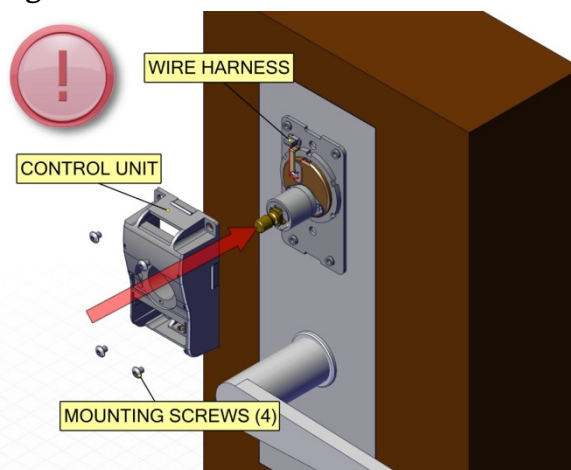


Fig. 13

Step 6: Install Battery. Please verify the battery is inserted in the correct polarity position. Always use new batteries installed with correct polarity (Fig. 14 and 15).

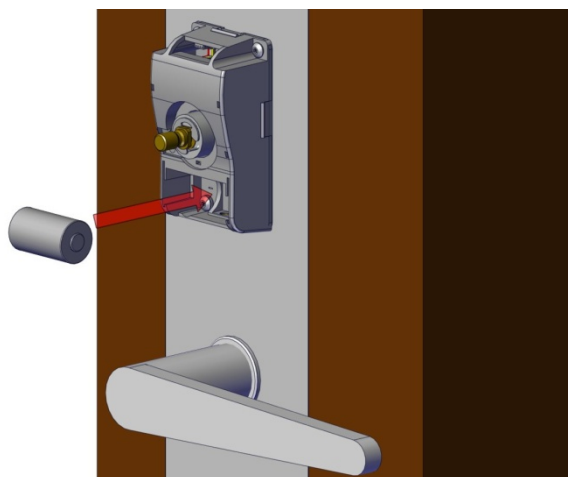


Fig. 14

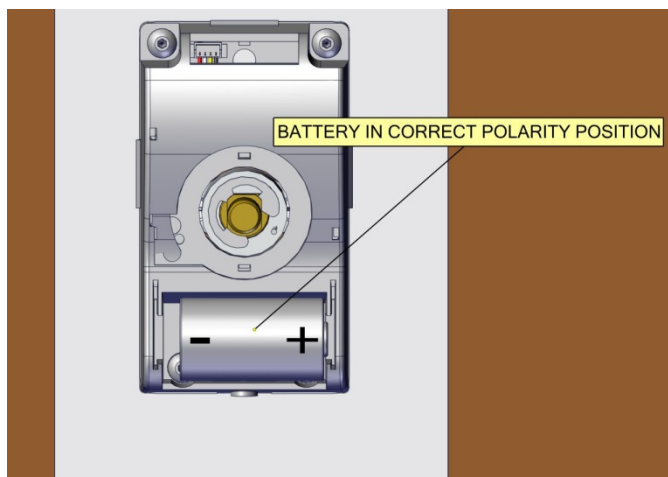


Fig. 15

Step 7: Install cover assembly (Fig. 16) and cover screw (Fig. 17).

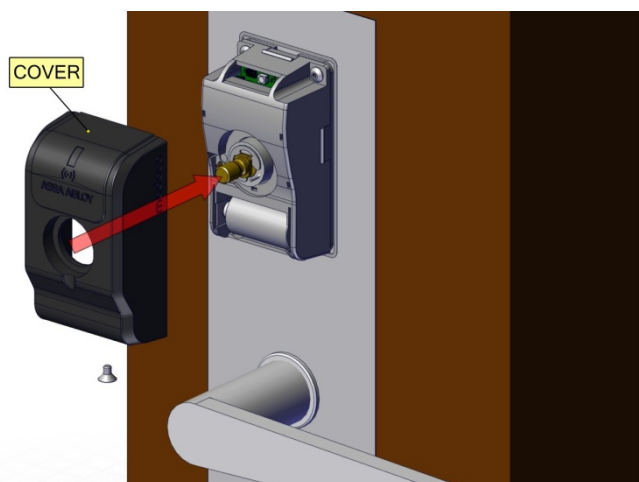


Fig. 16

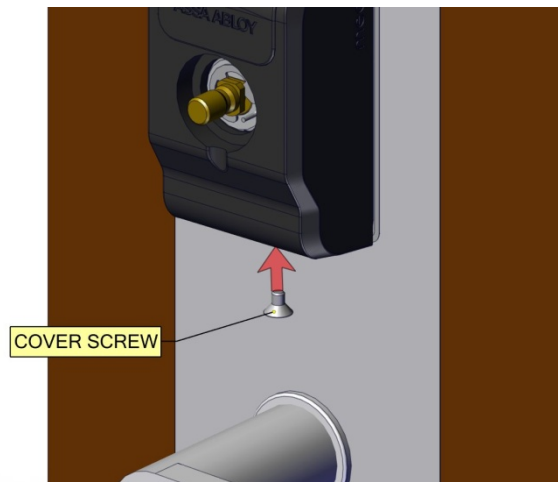


Fig. 17

Step 8: Install thumbturn (Fig. 18), set screw (Fig. 19), and re-install door edge trim (Fig. 20).

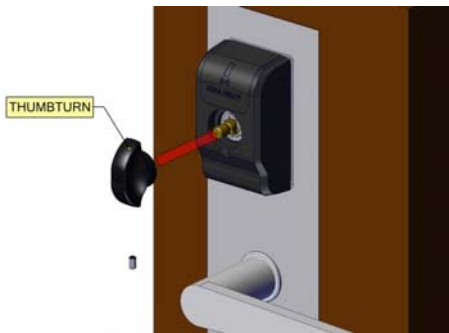


Fig. 18

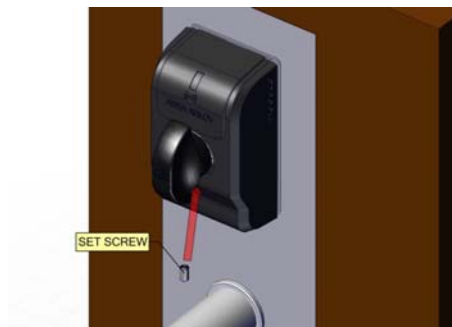


Fig. 19

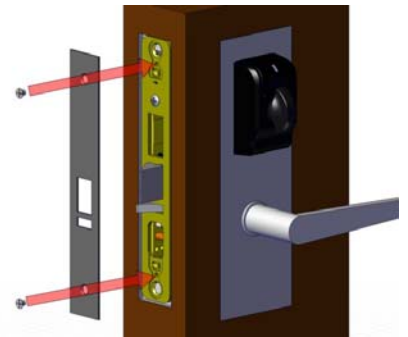


Fig. 20

Warning:

FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Tips and Trouble Shooting

Thumbturn drags on cover.

Thumbturn is not out far enough refer to Step 4, Fig. 12.

The cover does not sit flush on plate.

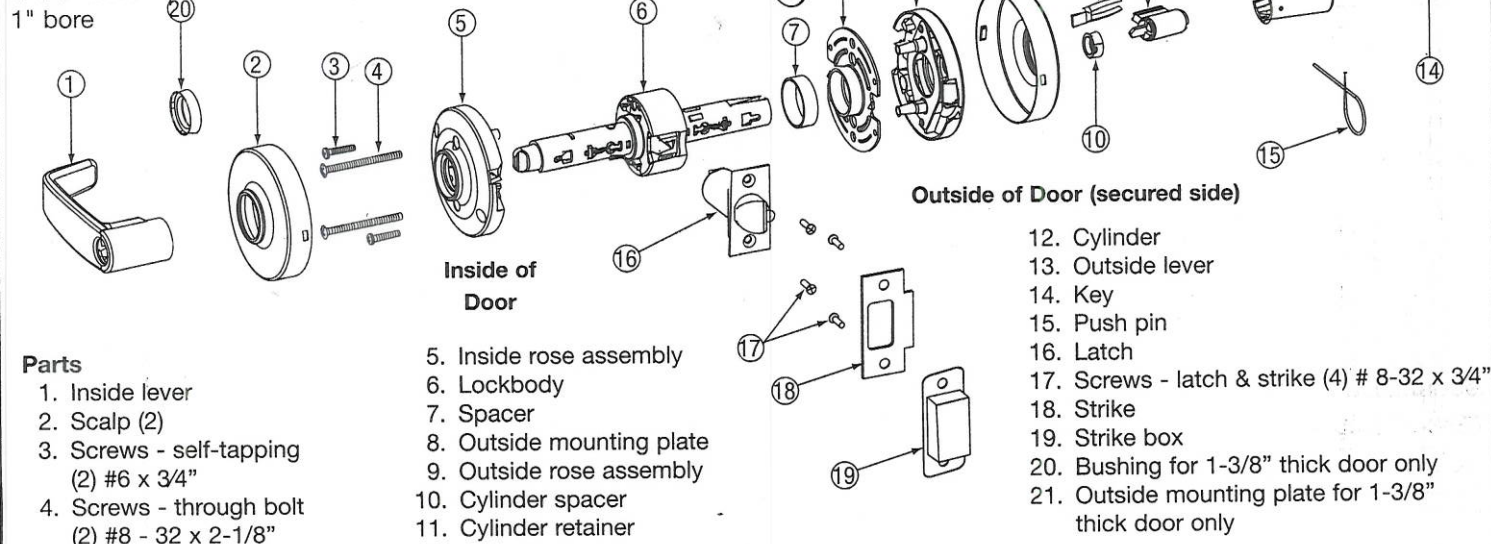
Cylinder is protruding out to far (included are optional spacers for proper spacing of cylinders) refer to Step 4, Fig. 12.

INSTALLATION INSTRUCTIONS FOR 18 SERIES LEVER LOCKS

For installation assistance,
contact MEDECO @ 1-800-839-3157
www.medeco.com

Tools

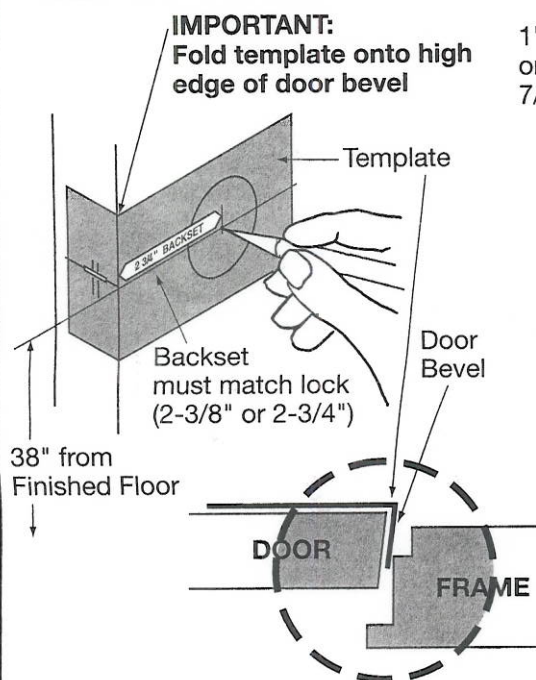
#2 Phillips screwdriver
Push pin (provided)
1/8" drill bit
5/32" (4mm) drill bit
2-1/8" bore
1" bore



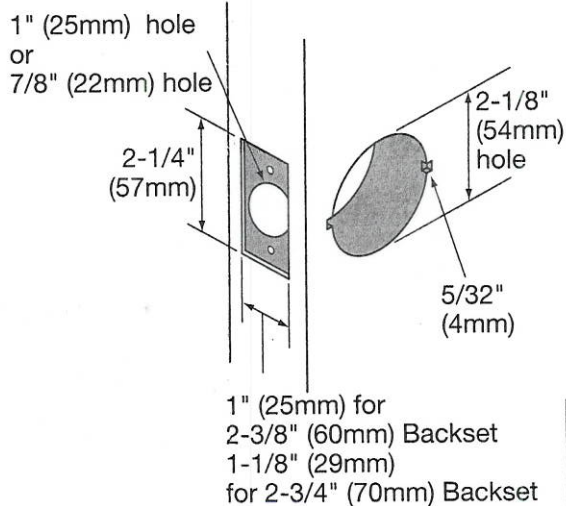
Door Preparation

- Hollow metal doors should be properly reinforced for lock support. If support is not provided, contact door manufacturer
- To prepare wood door on site, use template attached
- Template information is available on our website, www.arrowlock.com

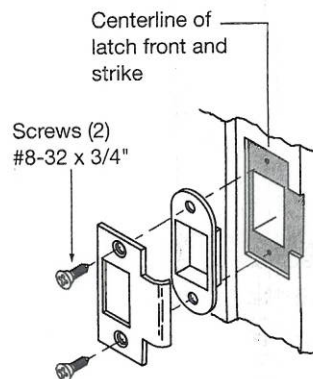
• Mark and Drill Holes



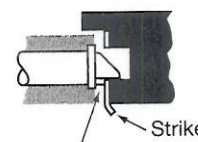
• Final Door Prep



• Frame Prep for Strike



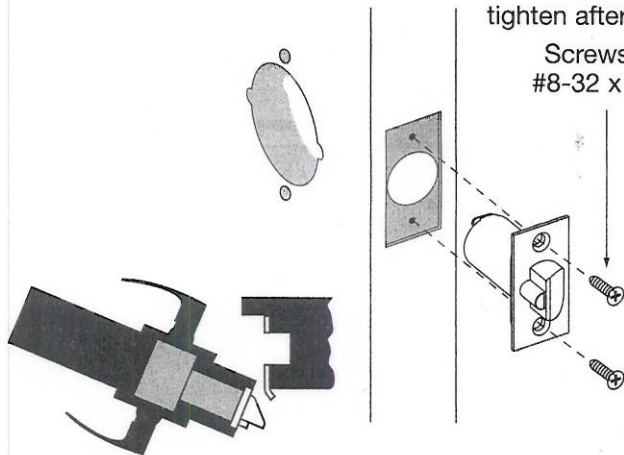
IMPORTANT: Deadlocking latch must stop on strike when door is closed



1

Latch Installation

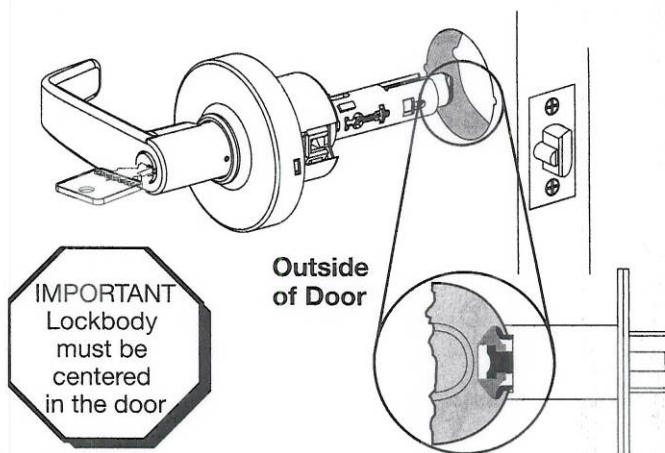
Install loosely;
tighten after step #3
Screws (2)
#8-32 x 3/4"



2

Preset Lock

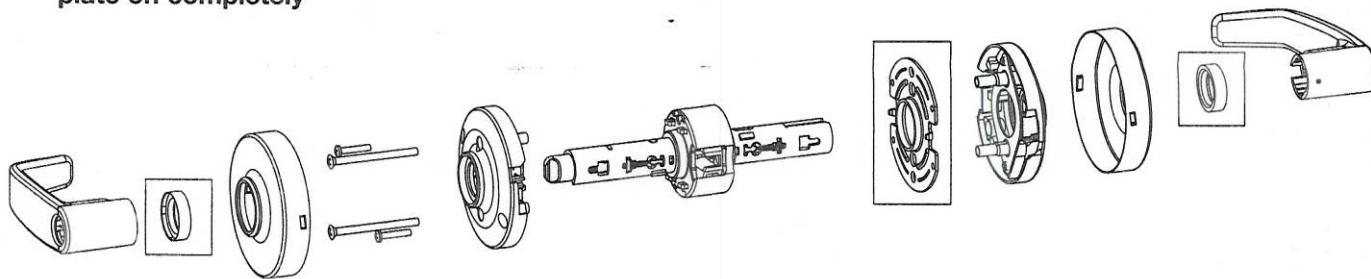
- Door thickness - 1-3/4" (44mm) - centered
- See step 2A for adjusting for 1-3/8" (35mm) thick doors



2A

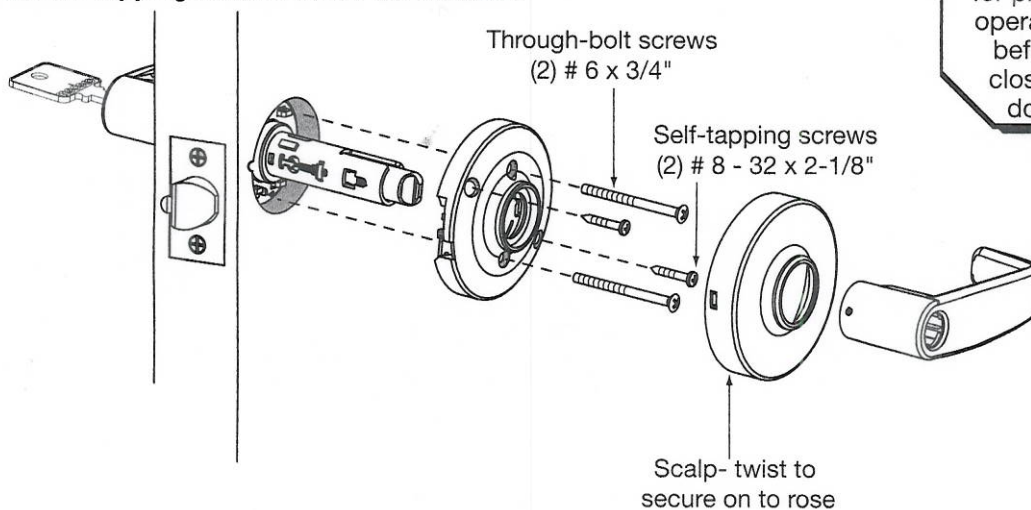
Adjustment for 1-3/8" (35mm) Thick Door

- Disassemble - Outside lever (see page 3), scalp, outside rose assembly, outside mounting plate and spacer
- Reassemble - Add 3 parts (2 bushings and slim mounting plate) as shown below in boxed areas
- **IMPORTANT:** To center lock in door, rotate threaded mounting plate on completely



3

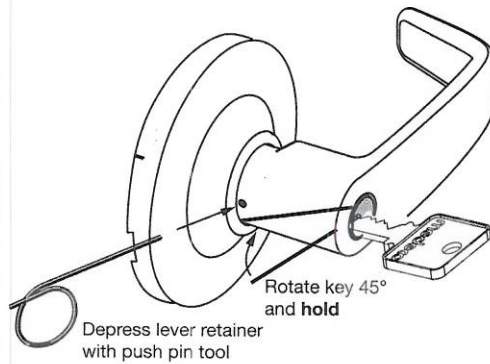
- **IMPORTANT:** Self-tapping screws **MUST** be installed



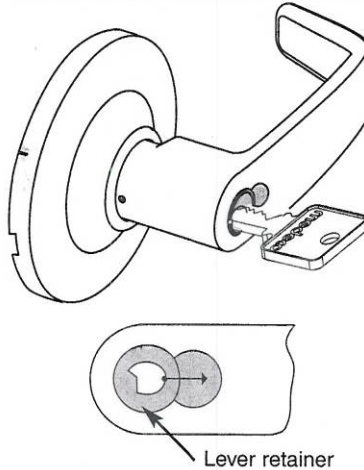
2

Lever and Cylinder Removal

Standard Cylinder



Interchangeable Core Cylinder



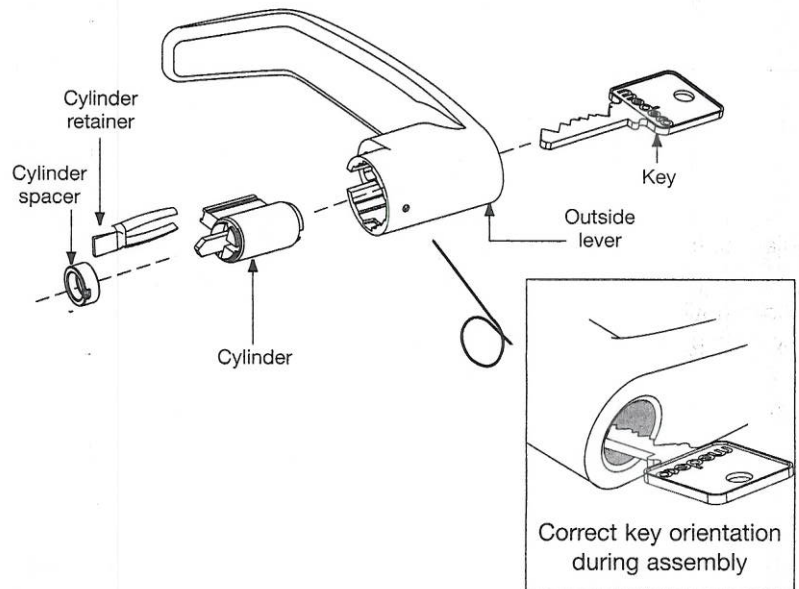
- Remove cylinder and tailpiece, using control key (stamped "C")
- Insert Phillips #2 screw driver into cylinder opening making contact with lever retainer
- Pull lever retainer horizontally towards door hinge and remove lever

Standard Cylinder Installation

IMPORTANT:

For 18-54, 18-56 and 18-5B.

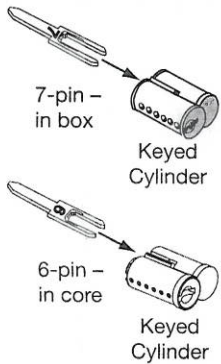
Before cylinder is installed, the lock must be timed (preset) by rotating the cam completely counter clockwise with a screw driver. Cam is located within the outside lever support tube.



Interchangeable Core Installation

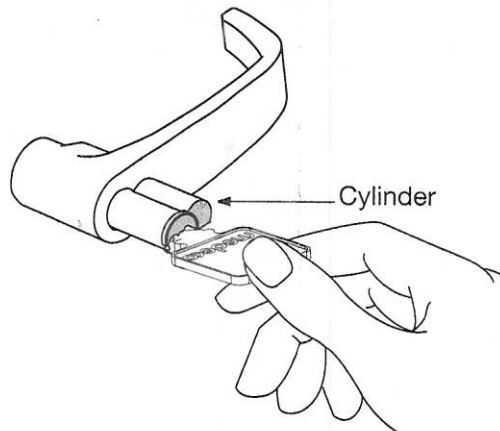
Install

New/Final Cylinder

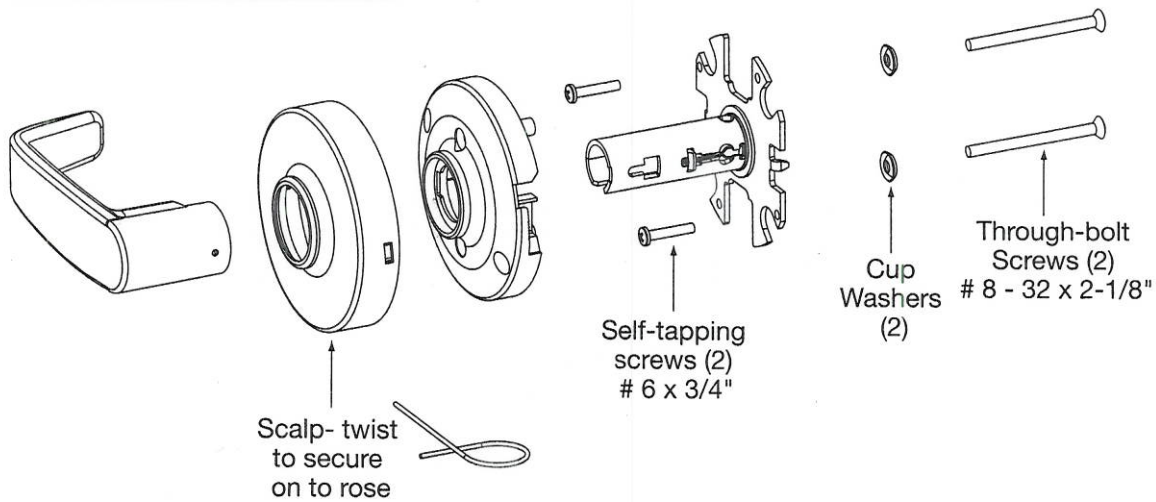


• Install Cylinder

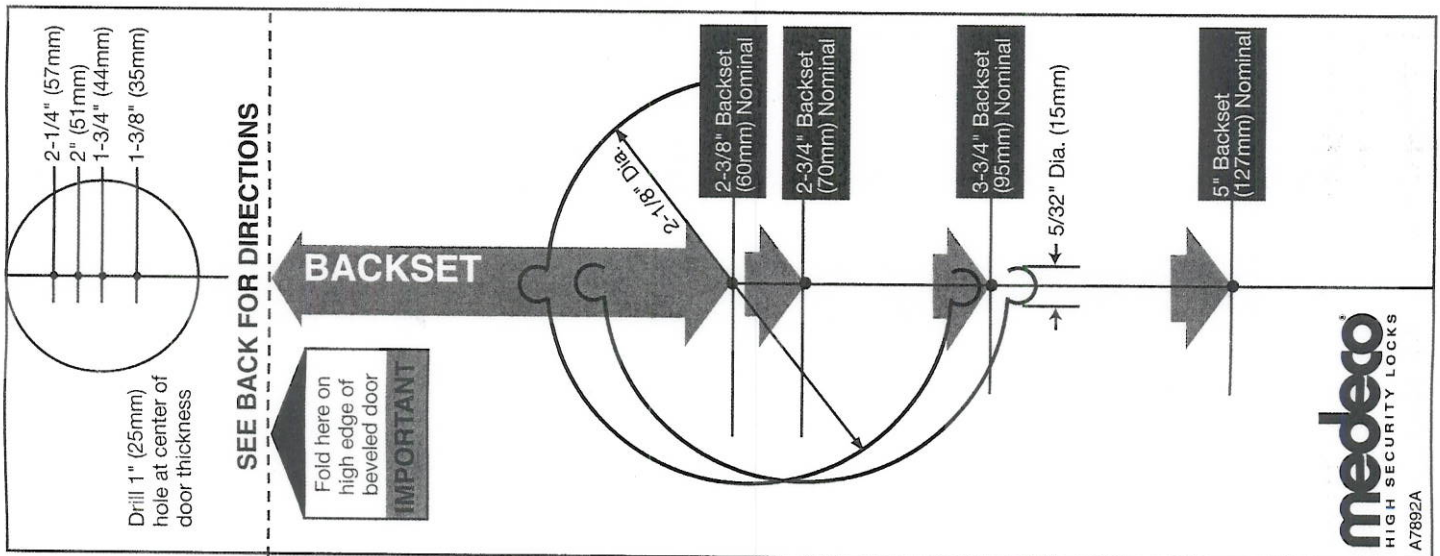
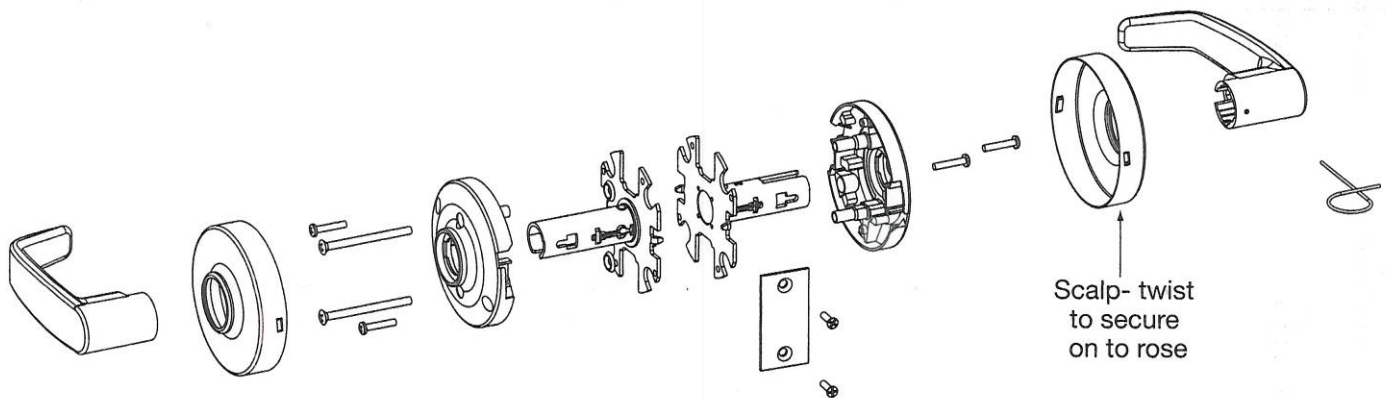
Insert cylinder with control key into lever; rotate 15° and remove key



Install 18-30 Dummy Trim (no latch)



Install 18-3A

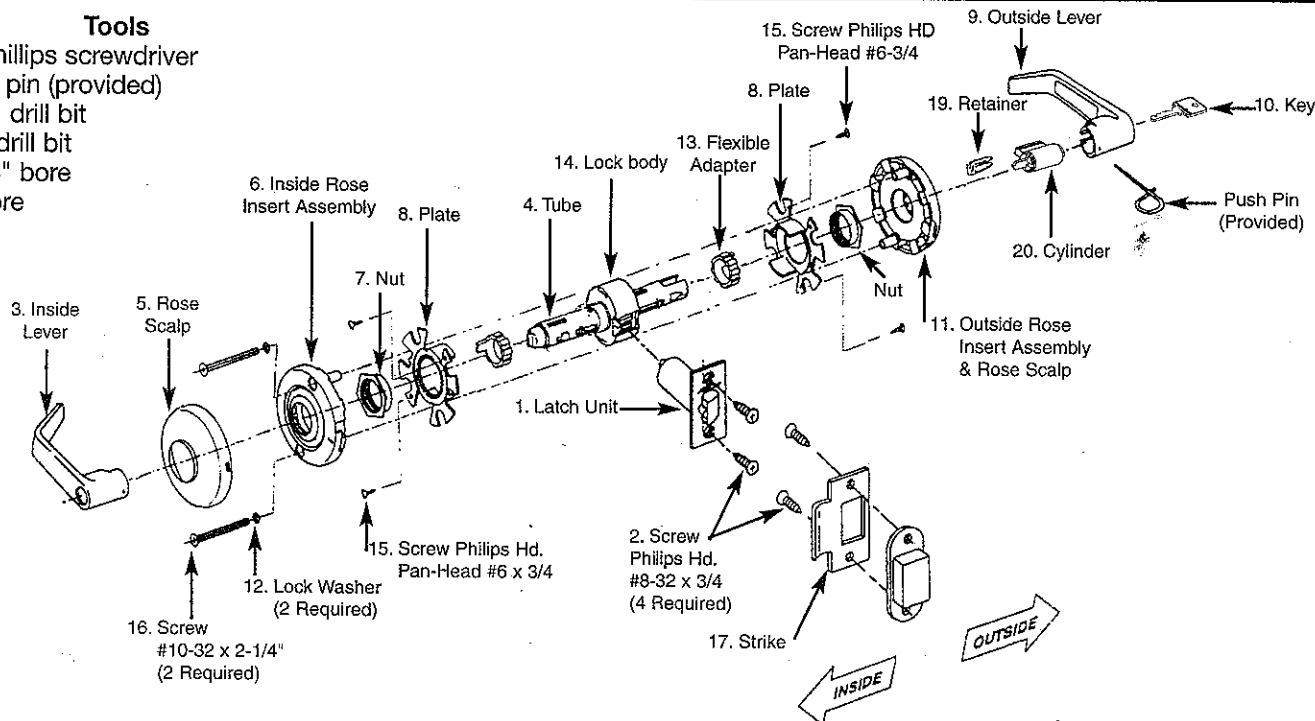


INSTALLATION INSTRUCTIONS FOR 19 SERIES LEVER LOCK

For installation assistance,
contact MEDECO @ 1-800-839-3157
www.medeco.com

Tools

- #2 Phillips screwdriver
- Push pin (provided)
- 7/16" drill bit
- 1/8" drill bit
- 2-1/8" bore
- 1" bore



Door Preparation

- Hollow metal doors should be properly reinforced for lock support. If support is not provided, contact door manufacturer.
- For all wood door preparations use template below

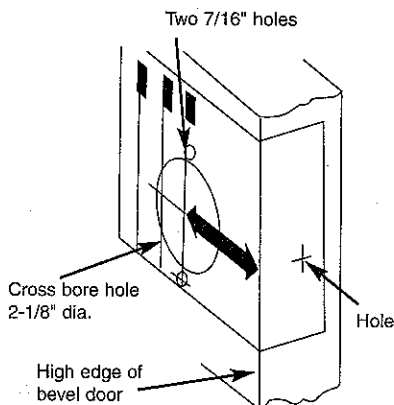


Figure 1

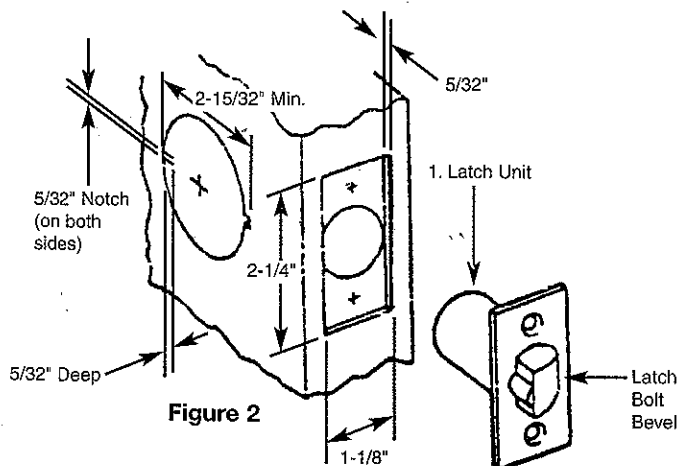


Figure 2

1. Place paper template (supplied) on door and mark for holes. Drill the 2-1/8" crossbore hole and then the 1" hole. Put in notches on 2-1/8" crossbore hole. Drill two 7/16" holes. Refer to figure 2.
2. Mortise latch unit front 5/32" into door edge to dimensions shown in Figure 2. Insert latch unit (1) into 1" hole making certain latch bolt bevel faces direction of closing door.
3. Do not secure latch unit (1) until lock body is engaged with latch unit (refer to Figure 8).

1 Strike Installation

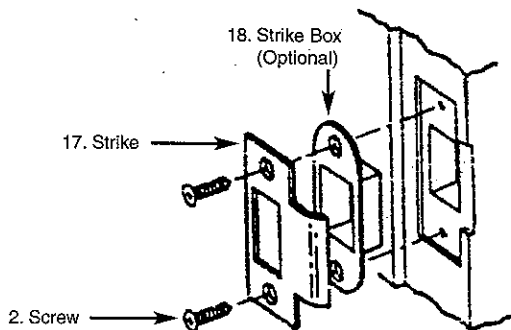
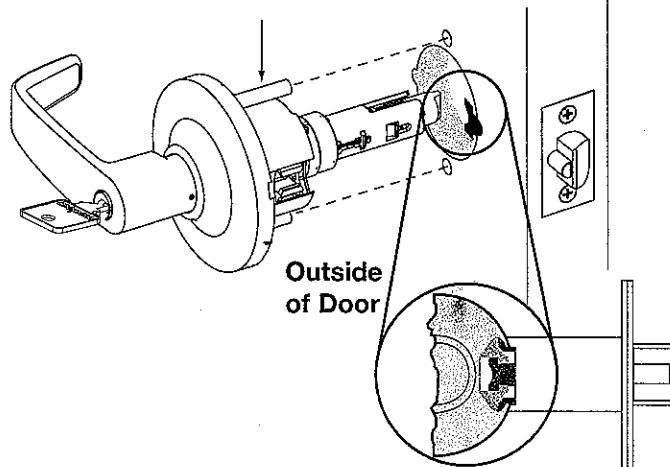


Figure 14

1. When strike box (18) is not used, recess in door jamb must be deep enough to allow latch bolt to extend to its full free length.

2 Preset Lock

- Through-bolt Location – 12 and 6 o'clock
- Door Thickness – 1-3/4" thick
- See Step 2A for other door conditions



2A Through-bolt and door thickness adjustment for locations other than std 12 & 6

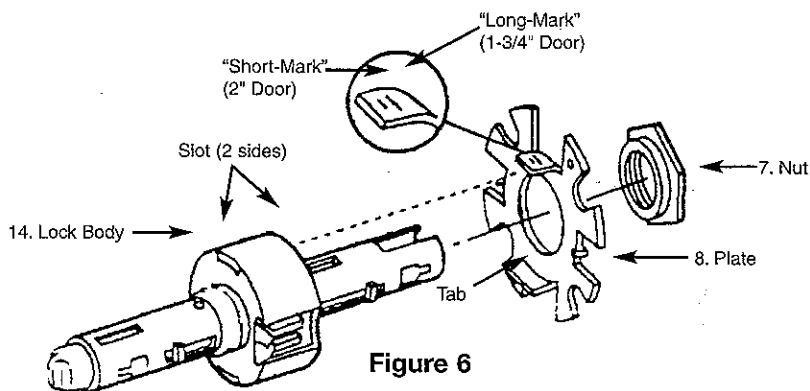
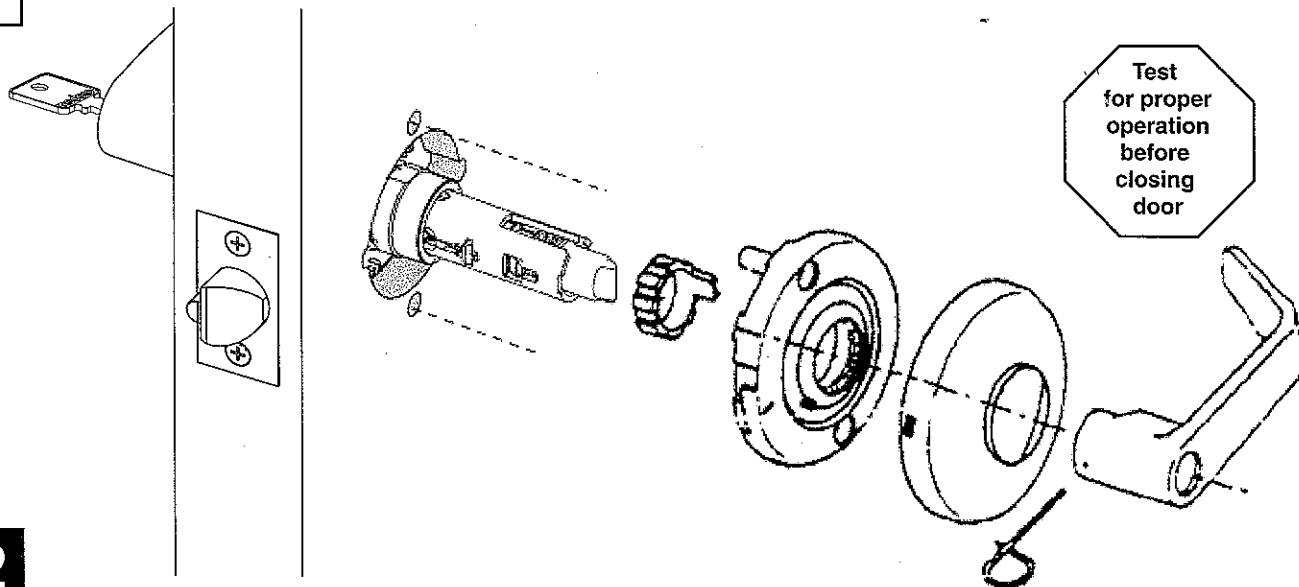


Figure 6

1. The lockset unit is preset for a 1-3/4" door thickness.
2. To adjust for other door thickness, rotate outside nut (7) in or out to line up "marks" on tabs of the outside plate (8) with the slots in the lock body (14).
3. Line up "long mark" with lock body edge for 1-3/4" door thickness. Line up "short mark" with lock body edge for 2" door thickness.

3



2

Lever and Cylinder Removal

Cylinder Removal

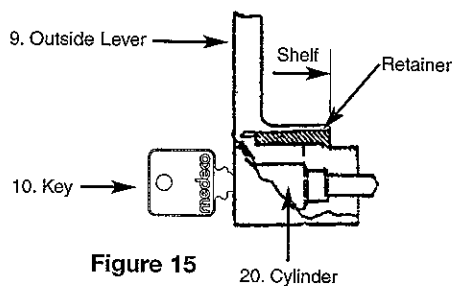
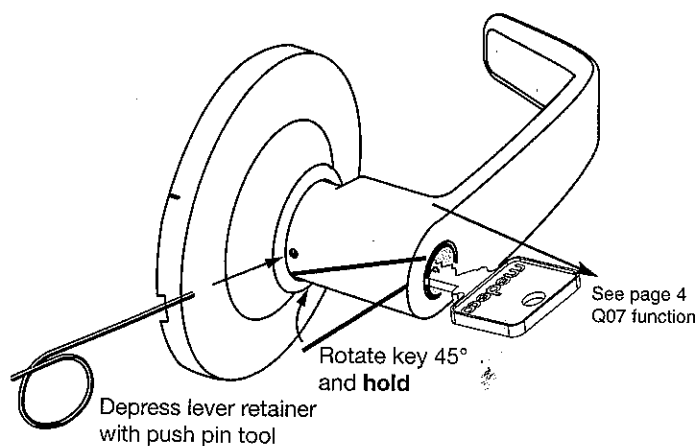


Figure 15

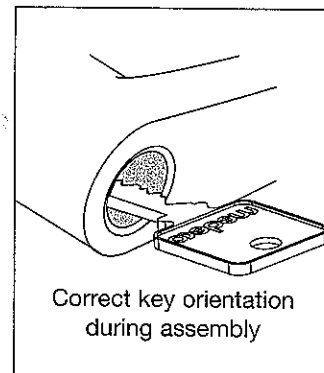
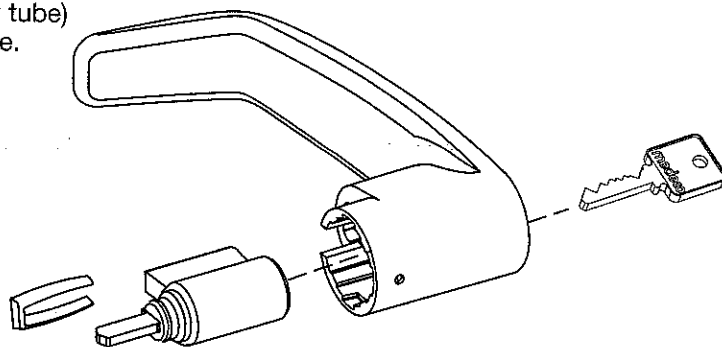
1. Remove outside lever (9) as described in Figure 5.
2. Slightly push cylinder from lever and using standard pliers, pull out retainer (19).
3. Remove key (10) and cylinder (20) from lever (9).
4. When replacing cylinder (20) secure by pressing retainer (19) till flush with shelf.



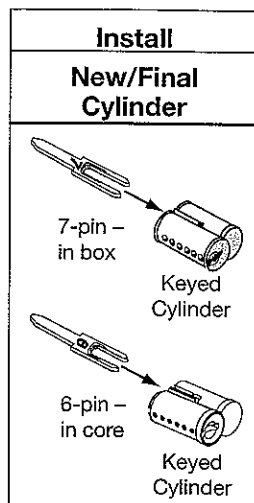
Standard Cylinder Installation

IMPORTANT:

Before cylinder installation 19-54, 19-5H, and 19-5B must be timed by rotating cam (within the the lever support tube) completely counterclockwise.

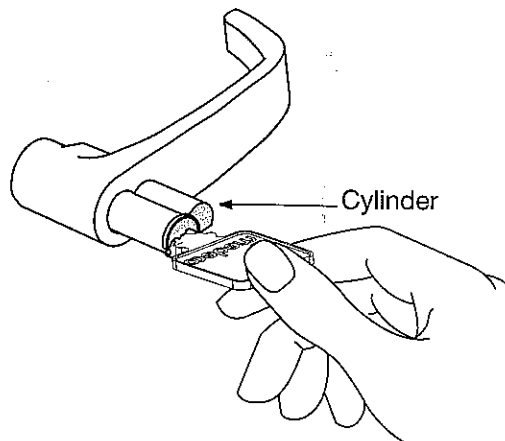


Interchangeable Core Installation



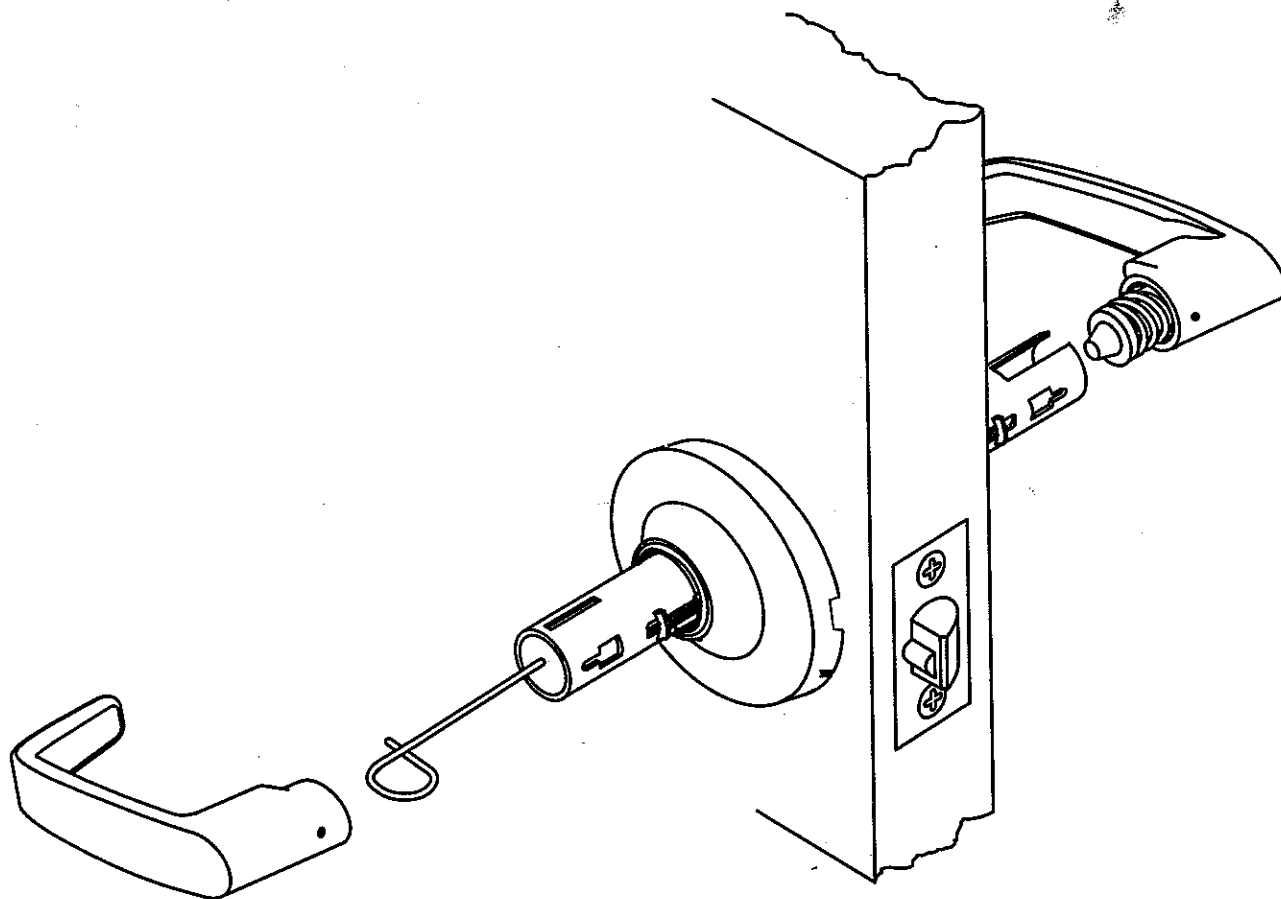
• Install Cylinder

Insert cylinder with control key into lever; rotate 15° and remove key



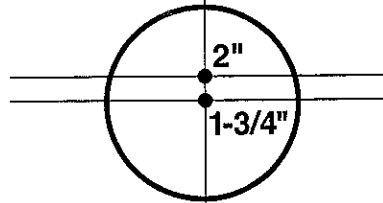
Remove 19-5E

- Remove inside lever with standard push pin
- Insert long push pin into inside lockbody tube and push to release spring loaded lever catch plug assembly for the outside lever
- Remove the outside lever with lever catch plug assembly attached

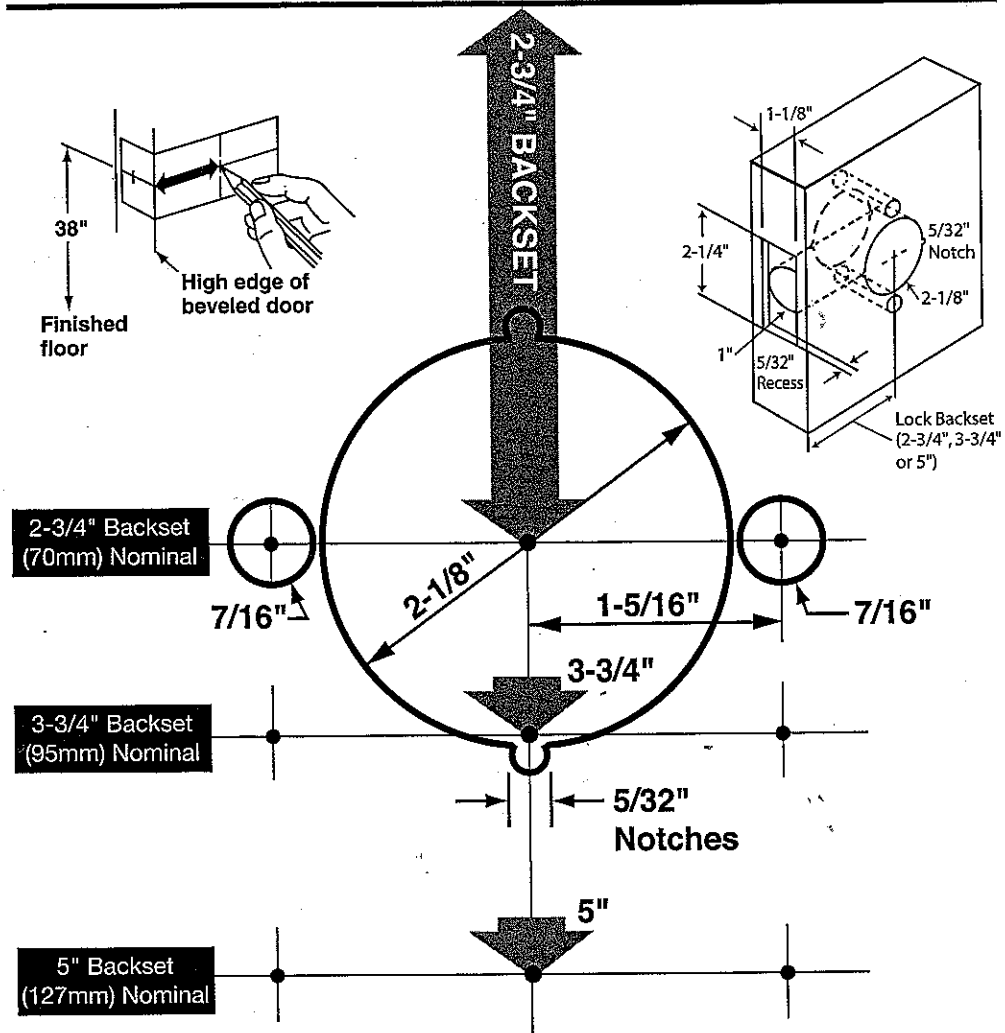


Drill 1" Hole Center In Door Thickness

A6719D



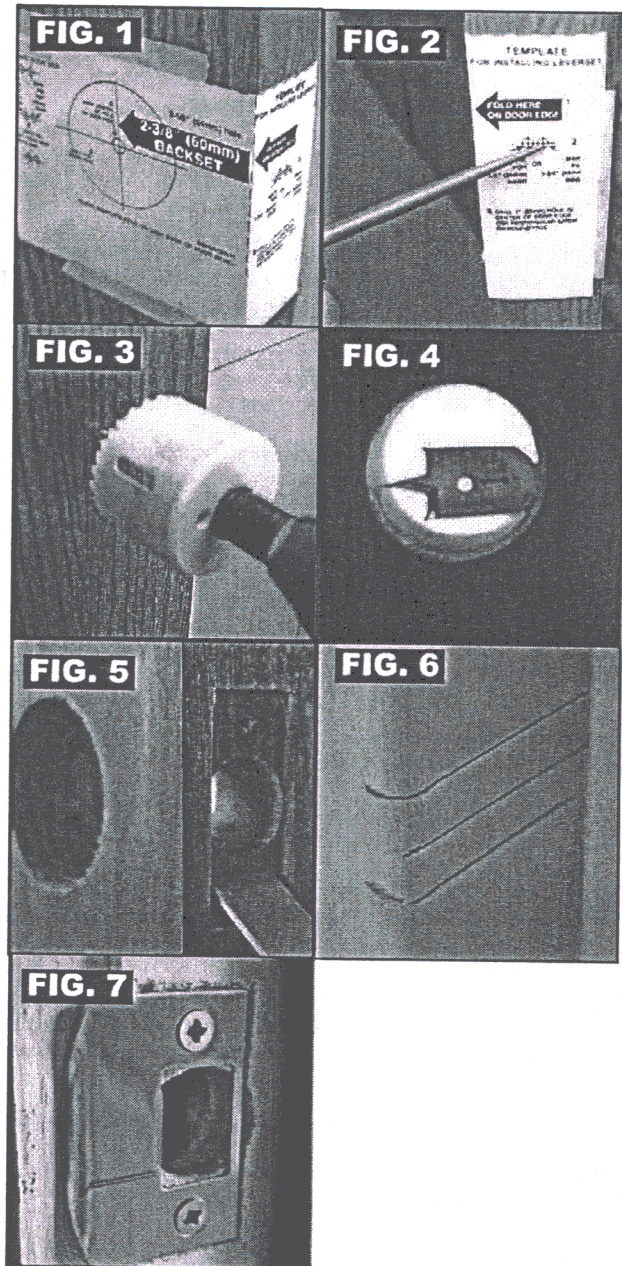
Fold On High Edge Of Door



Medeco® Eos™ Knob/Lever set Door Preparation

Door Preparation*:

- 1** Tape the enclosed template to the edge of the door at the desired height (typically 42" above the finished floor). Use a straight-edge and level to ensure it is placed perfectly on the door. The template should be placed on the high side of the door bevel (the side that faces out as the door swings away from the frame). FIG 1
 - 2** Use the center punch to mark the door with the necessary drilling locations. Use a hammer to strike the center punch to leave a good mark. Punch both the cross-bore on the face of the door and the latch hole on the edge of the door. Be sure to mark the correct position on the door edge relative to the thickness of the door. FIG 2
 - 3** Using a hole-saw, drill the 2-1/8" cross-bore through the door. The guide-bit included with the hole-saw should be placed in the dimple left by the center punch. To avoid splintering the door, drill from one side until the guide-bit passes through the door, then complete the hole from the other side. FIG 3
 - 4** Use the 1" spade bit to drill the hole for the latch. The tip of the spade bit should be placed in the dimple left by the center punch. Drill straight through to the center of the cross-bore. Take care to keep your drill perfectly level and aimed straight. FIG 4
 - 5** Mark the edge of the door for the latch faceplate. It measures 1" X 2-1/4" and is 3/16" deep. It should be centered on the latch hole. Use a chisel to score the edges then carefully shave the wood from the faceplate area. Insert the latch to mark the placement of the pilot holes, then drill pilot holes with 3/32" drill bit - 1/2" deep. FIG 5
- Complete steps 6 - 8 after the knob/lever set has been installed on the door**
- 6** With the knob/lever set installed, trace the latch onto the door jamb. Place a mark on the jamb above and below the latch. Continue the lines around to the inside edge of the door jamb. Locate the center line between the top and bottom marks. Then, measure and mark the vertical center point where the latch will go into the jamb. FIG 6
 - 7** Drill a 1" hole, 1/2" deep using the 1" spade bit.
 - 8** Place the latch plate over the hole, aligned to the center of the hole, and mark the perimeter. Using a wood chisel, carefully mortise out the area required for the plate to be flush with the surface of the door trim (approximately 1/8"). FIG 7
 - 9** Attach strike to jamb with the two screws provided.

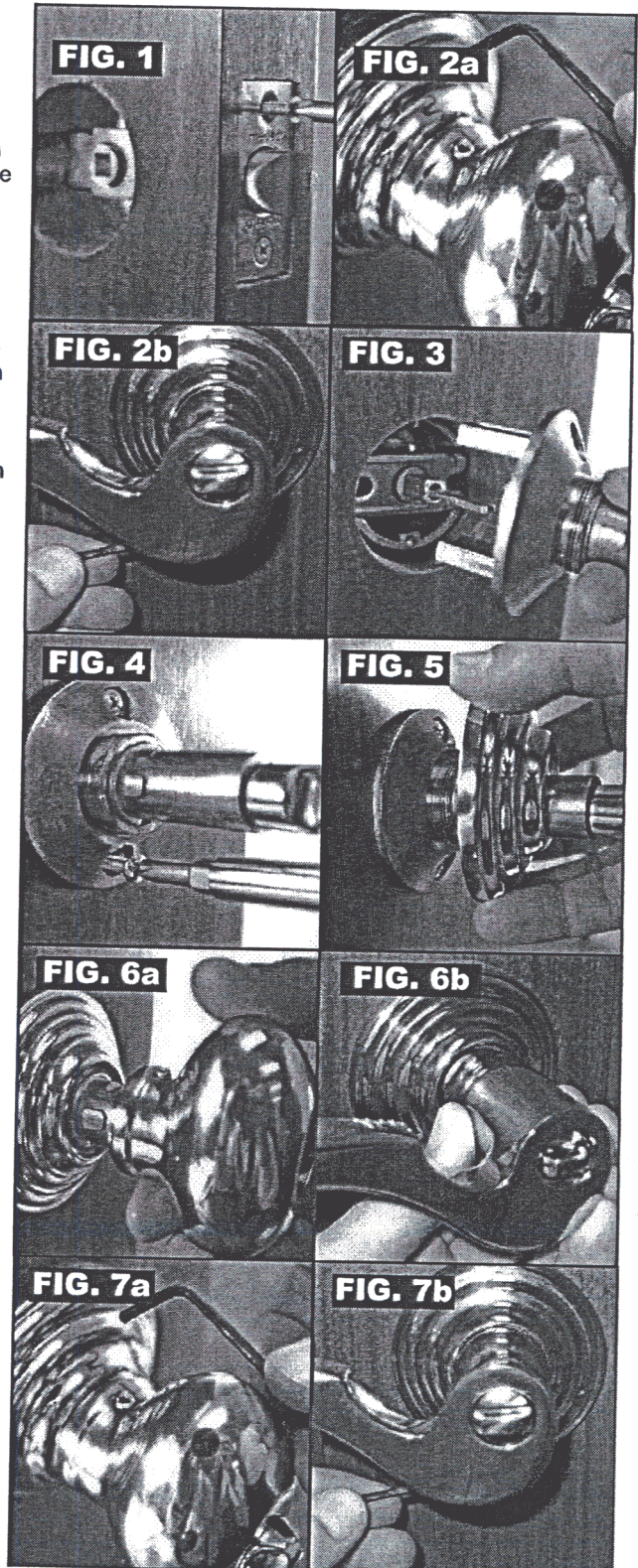


*Not required for factory prepped doors - be sure to validate hole sizing and placement on factory prepped doors.

Medeco® Eos™ Knob/Lever set Installation Instructions

Lock Installation:

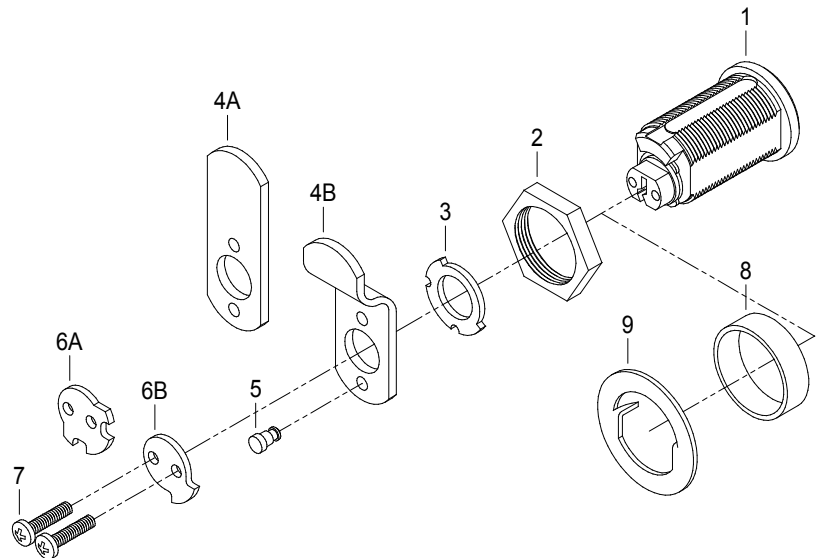
- 1** Install the latch into the hole in the door's edge and secure it with the two 1/2" wood screws provided. Be sure the bevel of the latch is facing the door frame for proper operation. FIG 1
 - 2** Use the Allen wrench provided to remove the set screw located on the inside knob/lever assembly. Once the set screw is removed, the inside knob/lever can be removed. FIG 2a/2b.
 - 3** With inside knob/lever removed, rotate the round template counter-clockwise until it is removed from the chassis. With the rose removed, the mounting holes are accessible. FIG 3
 - 4** Insert the outside knob/lever assembly into the 2 1/8" from the outside of the door. Slide the connecting bar through the drive hub on the latch. Rotate the connecting bar to a vertical position. FIG 3
 - 5** Place the inside knob/lever assembly (without the knob and rose) over the interior hole, making sure to insert the connecting bar from the outside assembly into the shaft of the inside assembly. Secure the knob/lever lockset to the door with the two machine screws provided. Use 1" long machine screws for 2 1/8" to 2 1/2" thick doors. Tighten until firmly attached to the door. Operate the outside knob/lever to ensure no binding. FIG 4
 - 6** Reattach the rose cover to the inside assembly by rotating it clockwise. Rotate until the rose cover is tight; however, do not over tighten. FIG 5
 - 7** Place the inside knob/lever back onto the inside spindle. FIG 6a/6b.
 - 8** Secure the knob/lever to the spindle with the Allen wrench provided. FIG 7a/7b.
 - 9** Attach the strike to the jamb with the two wood screws provided.
- ## Cylinder Removal:
- 10** Insert the key into the cylinder and turn it 90 degrees. Insert a small pin or wire into the small hole on the narrow portion of the exterior knob/lever to depress the release mechanism. It will only release with the key at the 3 or 9 o'clock positions.
 - 11** With the release mechanism depressed, pull the knob/lever off.
 - 12** Remove the inner portion of the knob/lever from the outer portion, fully exposing the cylinder for servicing.
- ## Cylinder Replacement:
- 13** Insert the cylinder into the outer knob/lever with the pin chamber aligned to the slot in the knob/lever.
 - 14** Place the inner portion of the knob/lever over the back of the knob, trapping the cylinder in the knob/lever. **IMPORTANT:** make sure the small hole on the inner portion of the cylinder is aligned to the small slot on the shaft of the outer portion of the knob/lever (away from the cylinder pin chamber). Failure to align this to the slot will make it impossible to remove the knob/lever in the future.
 - 15** Press the inner and outer knob/lever sections onto the outside shaft of the lockset. Be sure to push until the release mechanism engages to hold the knob/lever securely.



21 Series Medeco Cam Lock Kit

Parts Included In Kit

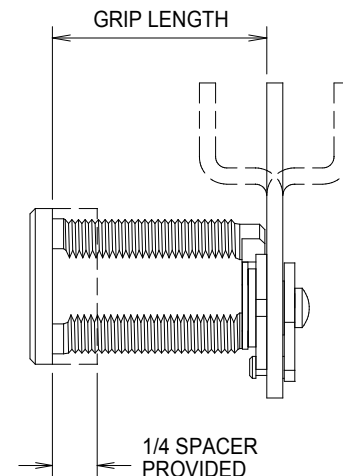
Item	Description
1	Cylinder
2	3/4" Hex Nut
3	90° Stop
4A	Straight Cam
4B	3/8" Offset Cam
5	Drive Pin
6A	90° Captive Drive
6B	360° Non-Captive Drive
7	Drive Screws (2X)
8	1/4" Spacer
9	Double "D" Anchor Washer



Available Grip Lengths (Mounting Surface to Locking Surface) With Kit

Length	Required Components
9/16"	1/4" Spacer and Offset Cam Inward
13/16"	Offset Cam Inward
15/16"	1/4" Spacer and Straight Cam
1 3/16"	Straight Cam
1 5/16"	1/4" Spacer and Offset Cam Outward
1 9/16"	Offset Cam Outward

Additional spacers from 1/16" to 7/16" thick for other grip lengths Required, but not available with standard kit.

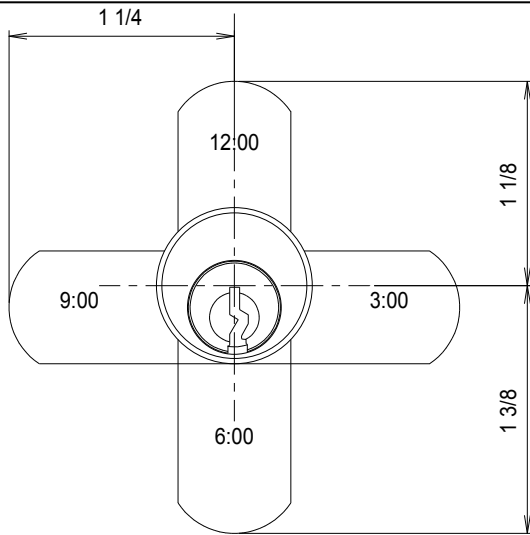


Installation Instructions

1. If needed, for wooden surface 3/4" round hole installations, secure anchor washer into back of mounting surface to provide "double d" mounting hole. Flats normally installed vertically.
2. Place spacer over cylinder (if needed). Insert cylinder into "double d" mounting hole. Keyway typically is located at 6 o'clock in locked position. Secure cylinder in place with hex nut.
3. Per attached cam, pin and stop configuration table, insert pin through back of cam, orient stop on cam and pin. With cylinder in locked position, place stop, cam, and drive pin onto rear of lock.
4. Insert screws (2) through captive or non-captive drive as required. Fasten to rear of lock per drive configuration table.
5. Insert key and test function.

Pinning Instructions

1. The Medeco 21 series cam lock is pinned according to the A2 pinning specification. Due to the lack of a control shear line and the diameter of the lock, the total stack height is 12.
2. A special cap, Medeco part number CP-170581, is required to cap the cylinder.



Cam, Pin, and Stop Configuration Table

(As viewed from front of cylinder, cam in locked position,
• = required drive pin location)

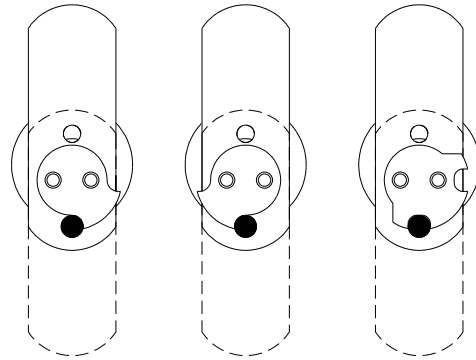
12:00 Locked 3:00 Unlocked CW		12:00 Locked 9:00 Unlocked CCW
3:00 Locked 6:00 Unlocked CW		
3:00 Locked 12:00 Unlocked CCW		
6:00 Locked 9:00 Unlocked CW		6:00 Locked 3:00 Unlocked CCW
9:00 Locked 12:00 Unlocked CW		
9:00 Locked 6:00 Unlocked CCW		

Drive Configuration Table

(Back view of cylinder, cam in locked position,
• = drive pin location)

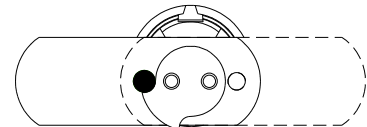
Cam at 12:00 or 6:00

CW Non-Captive	CCW Non-Captive	CW or CCW Captive
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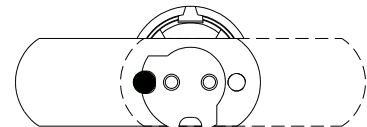


Cam at 3:00 or 9:00

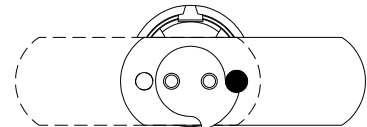
CW
Non-Captive



CW
Captive



CCW
Non-Captive



CCW
Captive

