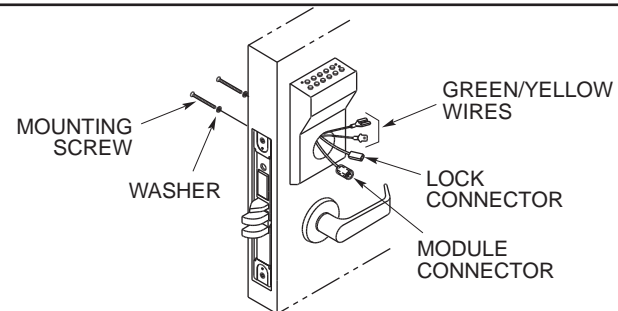


## 5-2 INSTALLING THE KEYPAD MODULE

- Route the Green/Yellow Wire of the Keypad Module so that it comes out at the hole in the front of the Housing. Connect the 12 Pin Control Module Cable Connector to the 12 Pin Keypad Connector so that the red stripe on the ribbon cable is toward the center of the keypad. Insert the 2 Pin Connector and the Green/Yellow Wire into the Housing and route them so that they come out at the hole in the front of the Housing.
- Carefully insert the excess cable into the Housing and route the Lock Cable so that it comes out at the hole in the front of the Housing. Place the Module against the Door so that the Standoffs (33) and Grounding Spring (31) enter their respective holes.

**CAUTION:** Insure that the Wires are not pinched.

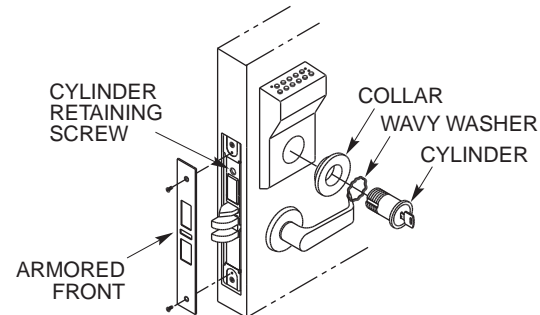
- Install the Mounting Screws and Washers finger tight.



- Connect the Green/Yellow Wires together and connect the 2 Pin Connectors together so that the Wire colors match and insert the cables and Connectors into the Module so that they are clear of the Cylinder hole.

## 5-3 INSTALL THE CYLINDER

- Insert the Cylinder with the Wavy Washer and Collar into the Module and partially screw it into the lock.
- Tighten the Module Mounting Screws (22) and then tighten the Cylinder until it is snug with the keyway at the bottom.
- Tighten the Cylinder Retaining Screw and install the Armored Front.
- Repeat Section 1b & 1c to verify operation.

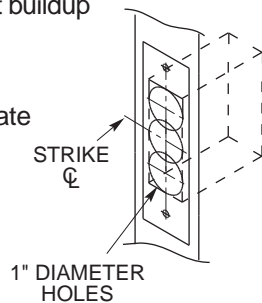


## SECTION 6: INSTALL THE STRIKE

- Draw a vertical line on the Door Frame 1/2 the Door thickness from the Door Stop.

**CAUTION:** Allow for paint buildup or weather stripping if required.

- Align the Strike Template on the frame with the vertical line and the Strike centerline mark on the frame from Section 3-2e and spot for the mortise holes and the strike recess.



- Mortise the Door Frame for the Strike Box to the dimensions shown on the Template.

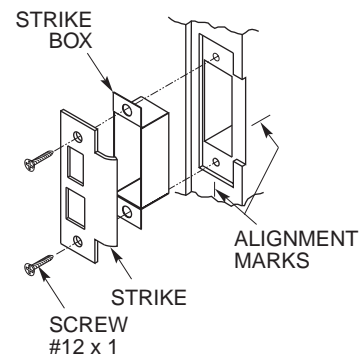
- Recess 5/32" for flush fit of the Strike and the Strike Box. (Additional recess is required when using strike reinforcement.)

- Drill the required mounting holes.

**NOTE:** For wood doors, drill 1/8" dia pilot holes and counter drill the holes 7/32" dia x 3/16" deep for Combination Screws. For metal doors, drill 3/16" dia holes.

- Install the Strike Box and the Strike and secure with the Screws.

**CAUTION:** Be sure auxiliary latch does not enter strike opening.



## SECTION 7: PROGRAMMING THE OMNILOCK

**IMPORTANT:** To avoid unauthorized access, it is important to program a new Master Code. Refer to the "Initial Setup Checklist" in the OMNILOCK User's Guide for programming instructions.

### INSTALLER NOTE:

Leave these Instructions with the User.

10855 Rev. A

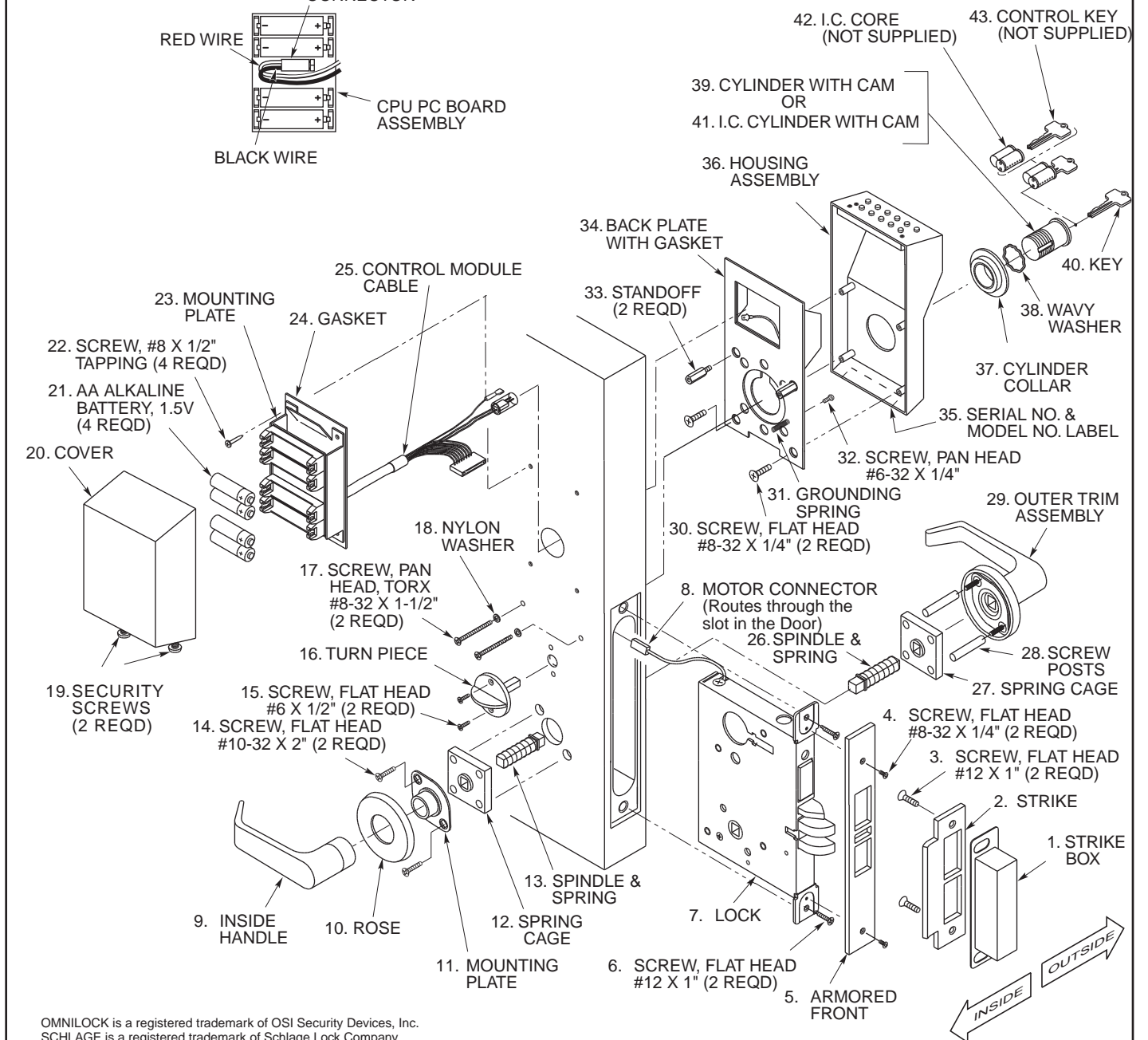
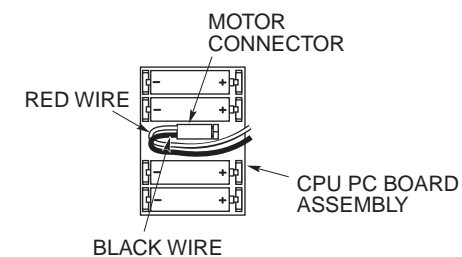
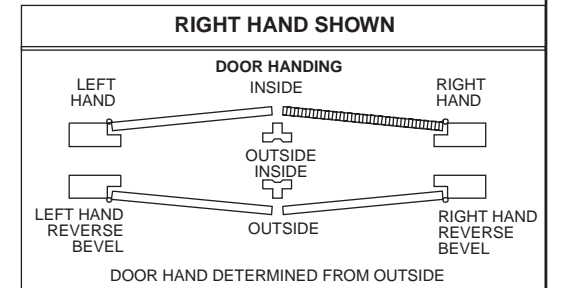
**OSI SECURITY DEVICES**

**OMNILOCK® ACCESS CONTROL SYSTEMS**

## INSTALLATION INSTRUCTIONS FOR OM-100, OM-300, AND OM-500 SERIES WEATHERIZED, MORTISE LOCKSETS USING SCHLAGE® L-SERIES LOCKS (LEVER)

**NOTE:** A DOOR-CLOSER IS HIGHLY RECOMMENDED FOR USE WITH OMNILOCK LOCKS.

THE OMNILOCK LOCK IS NORMALLY FACTORY-PACKED FOR RIGHT-HAND 1-3/4" THICK DOORS. TO CHANGE THE HAND OF THE LOCK, SEE SECTION 2. DO NOT USE ON 2" THICK DOORS.



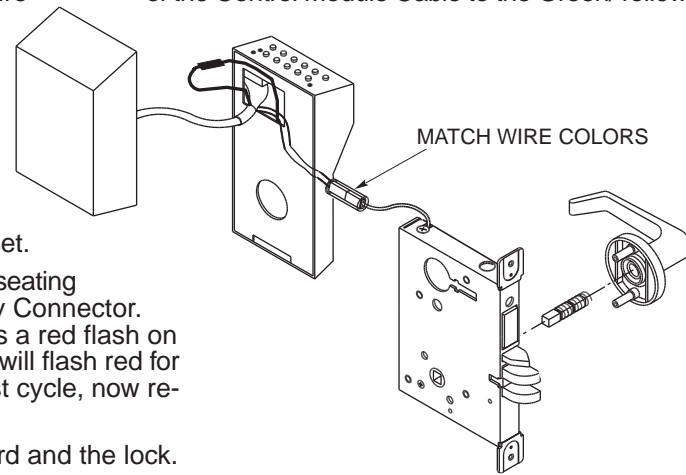
**OSI SECURITY DEVICES**

1580 JAYKEN WAY  
CHULA VISTA, CALIFORNIA 91911-4644  
619-628-1000 FAX 619-628-1001

OMNILOCK is a registered trademark of OSI Security Devices, Inc.  
SCHLAGE is a registered trademark of Schlage Lock Company.

## SECTION 1: CHECK OPERATION

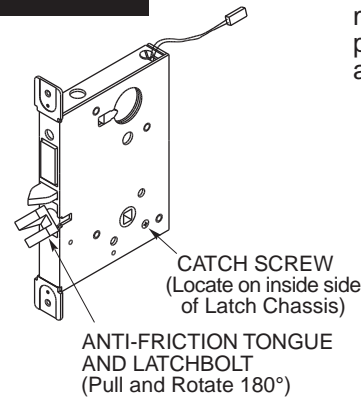
- Verify proper operation of the Omnilock. Connect the 12 Pin Connector of the Control Module Cable to the 12 Pin Connector on the Keypad so that the red stripe on the ribbon cable is toward the center of the Keypad. Connect the 2 Pin Connector of the Control Module Cable to the 2 Pin Connector on the Lock Assembly Cable so that the wire colors are matched. Connect the Green/Yellow Wire of the Keypad Module.
- Enter the Default Master Code at the Keypad. For the OM-100, OM-300 and OM-500, the Default Master Code is 5011234. The Omnilock will flash three times to indicate the battery level and unlock. The Omnilock will remain unlocked for approximately 5 seconds before flashing red and locking.
- While unlocked, check for proper operation of the Lockset.
- If the Lock malfunctions, check for proper orientation and seating of the Batteries, Keypad Connector and Lock Assembly Connector. Also, insure that the wires are not pinched. If there was a red flash on the first key press, press any key seven times; the Lock will flash red for some of the key presses and then go through a self test cycle, now re-enter the default Master Code.
- Disconnect the Control Module Cable from the keyboard and the lock.



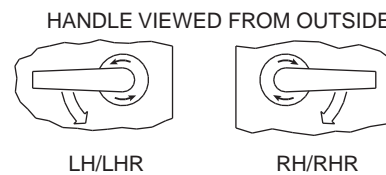
## SECTION 2: ADJUST THE LOCK HAND

This section is only required if the lock hand, as received, does not meet your requirements. The Lock Chassis is normally preset for a Right Handed Door. Verify the handing of the Lock and, if required, change the hand of the Lock as follows after checking per section 1.

- Pull the Anti-Friction Tongue and Latchbolt away from the Chassis and rotate the complete unit 180 degrees to adjust for the Door Handing.
- Remove the Catch Screw from one side of the Chassis and install on the opposite side (Catch Screw must always be on the inside side of the Latch Chassis for proper functioning of the Lock).



**NOTE:** The Spring Cages (12 & 27) must be mounted with the arrows pointing in the direction of the Lever action.



## SECTION 3: PREPARE THE DOOR

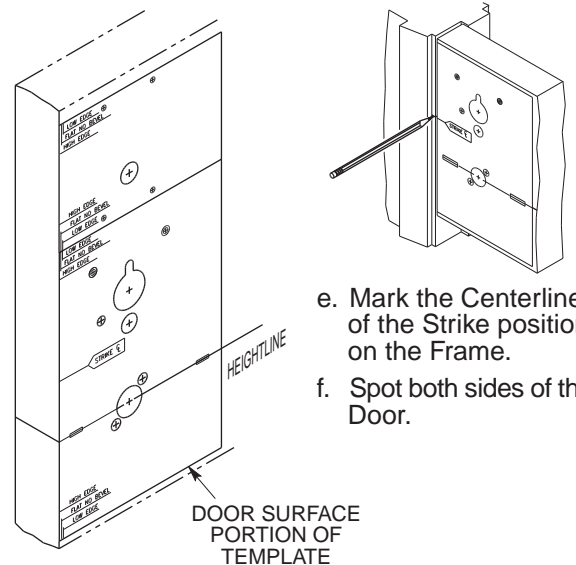
### 3-1 MARK THE HEIGHTLINE

- Mark a Heightline on the Door Faces and Edge (suggested height is 38" from the floor).

**NOTE:** If the Frame has already been prepared for a Schlage Strike, measure 2-3/32" down from the center of the Strike to locate the centerline of the Lever.

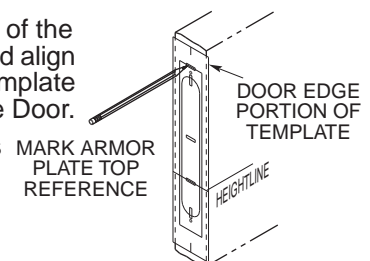
### 3-2 MARK THE DOOR SURFACE AND THE STRIKE POSITION

- Detach the Door Edge portion of the Template from the Door Surface portion of the Template.
- Line up the Door Surface portion of the Template at the correct marking for the Door Bevel (high or low bevel; or flat).
- Position the Lever Centerline of the Template on the Heightline drawn on the Door.
- Spot only those holes required for the Lockset being installed.



### 3-3 MARK THE DOOR EDGE

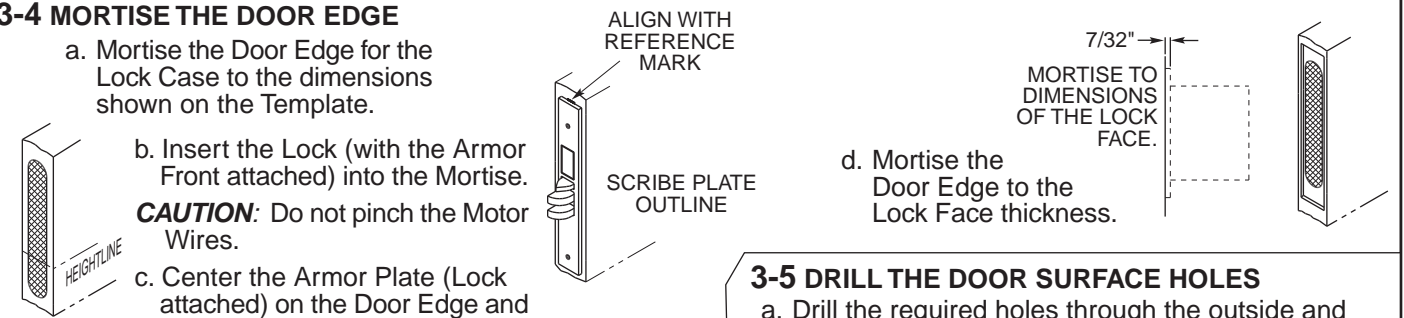
- Center the Door Edge portion of the Template on the Door Edge and align the Lever Centerline of the Template on the heightline drawn on the Door.
- Spot the top and bottom points of the Lock Case Mortise and mark the Armor Front top reference as illustrated below.



**CAUTION:** Read the Template thoroughly, and spot only those holes required for each side of the Door.

## 3-4 MORTISE THE DOOR EDGE

- Mortise the Door Edge for the Lock Case to the dimensions shown on the Template.
- Insert the Lock (with the Armor Front attached) into the Mortise.
- Center the Armor Plate (Lock attached) on the Door Edge and align the top of the Armor Plate with the reference mark. Scribe the Face Plate outline as illustrated.

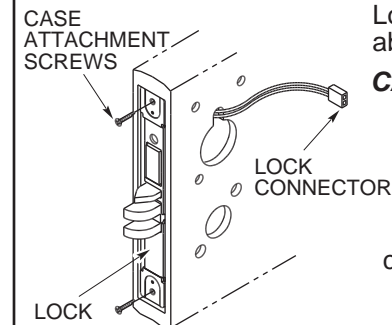


## 3-5 DRILL THE DOOR SURFACE HOLES

- Drill the required holes through the outside and inside of the Door.
- CAUTION:** Drill the holes only halfway through the Door from each side.

## SECTION 4: INSTALL THE LOCK ASSEMBLY

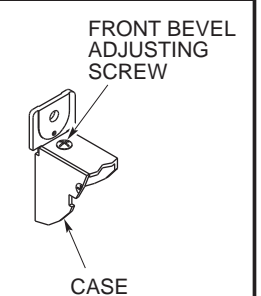
### 4-1



- Remove the Armor Front (5) and guide the Lock Connector and the Lock into the Mortise so that the Cable passes through the slot above the Cylinder Hole and the Lock is seated in the Mortise.

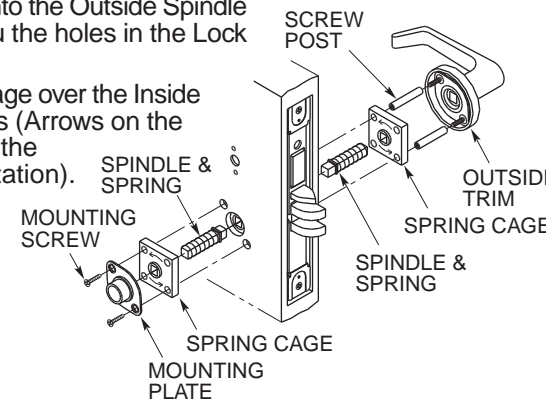
**CAUTION:** Do not pinch the Cable.

- Spot the hole location for the Case Attachment Screws and remove the Lock from the Mortise. For Wood Doors, drill 1/8" dia pilot holes for the Case Attachment Screws, and counter drill the holes 7/32" dia x 3/16" deep for Combination Screws. For Metal Doors, drill 3/16" dia holes.
- If applicable, adjust the Front Bevel by loosening the Screws at the top and bottom of the Case, set the Bevel and securely re-tighten the Screws. Install the Lock.

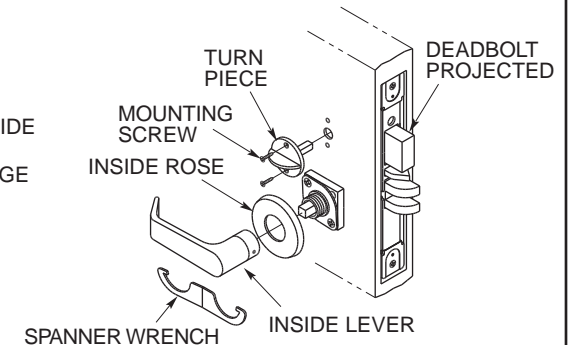


### 4-2 ATTACH THE TRIM

- Insert the Inside and Outside Spindles and Springs so that the Shoulder of the Spindle is in contact with the Hub of the Lockcase.
- Thread the Screw Posts into the Outside Rose.
- Place the Spring Cage onto the Screw Posts with the arrows on the Spring Cage pointing in the direction of the Lever rotation.
- Install the Outside Trim onto the Outside Spindle with the Screw Posts thru the holes in the Lock Case.
- Slide the Inside Spring Cage over the Inside Spindle and Screw Posts (Arrows on the Spring Cage pointing in the direction of the Lever rotation).
- Place the Mounting Plate over the Inside Spindle. Align the Screw Holes with the Screw Posts.
- Insert and tighten the Mounting Screws.



- Place the Inside Rose over the Mounting Plate. Slide the Lever into position and tighten the Lever Bushing with the Spanner Wrench.
- If required, install the Turn Piece and project the Deadbolt. Align the Screw Holes vertically and fasten with the Screws.



## SECTION 5: INSTALL THE CONTROL MODULE

### 5-1

- Remove the cover from the Control Module by unscrewing the Security screws approximately 1/4 inch using the Torx Wrench provided and rotate the bottom of the Cover away from the Control Module.
- Pass the Control Module Cable through the 3/4 inch hole in the door, align the Control Module mounting holes and attach the Control Module to the door using the Screws provided.
- Install the Cover by placing the top edge of the Cover over the lip of the Control Module Mounting Plate and rotating the Cover into position against the door. Press the Cover down and toward the door to seat against its Gasket. Tighten the Security Screws until the Cover is seated.

