

## Installing the "LATCH"

### 2.1 Open Sliding Door

If the sliding door has an existing lock, open lock and slide door to fully opened position.

### 2.2 Position Latch

Latch should be installed above existing lock. Where small children are present, consider a position approximately half the distance between the existing door lock and the height of the sliding door.

### 2.3 Install Latch

Place latch inside the doorjamb. *(Figure-A)* Make sure latch correctly fits doorjamb. *(See - "Checking the Latch")*. If the latch requires spacers for additional height, place latch over indentation in spacer and check height. If second spacers is needed, stack second spacer to back of stack with raised guides fitting first spacer cavities. Check height for final fit.

Before final latch installation, it may be necessary to remove any insulation preventing the latch from fitting snugly against inside edge. Remove only enough insulation necessary to install latch correctly if needed.

Hold latch firmly in position and mark holes. *(Figure-B)* Remove latch and drill 1/8" pilot holes. *(Figure-C)*. Add spacer as needed to latch and place over pilot holes. Install latch with 1-1/2" screws supplied in hardware kit.

### 2.4 Close Door *(Figure-D)*

If door does not close correctly over latch, do not force. Forcing the door over the latch may cause damage to your door and latch. Check that latch is seated as close to side of frame as possible. If latch is not correctly positioned, try bending latch bolt receptor away from door by applying pressure on leading edge and bending away. *(Figure-E)*. Do not bend too far, as this will affect operation of installed lock assembly.

## Installing the CAL Double-Bolt Lock Assembly

### 3.1 Close Door

See 2.4 Close Door

### 3.2 Position the Lock Assembly

Open the top and bottom sliding bolts. Position the lock so that the lock sliding pins will correctly slide into latch. Center the lock so that a small space above, below and to the side of the latch is equally distant. *(Figure-F)*

### 3.3 Close Lock

Close lock into position by sliding top and bottom sliding bolts into latch. Re-Center lock if necessary to final installed position.

Lock assembly should not touch latch.

### 3.4 Install Lock Assembly

Locate 4 holes in lock assembly. Mark holes with marking pencil. Drill holes with 1/8" drill bit. *(Figure-G)* Mount lock assembly over holes and install with 3/4" screws. Test lock by sliding top and bottom locking pins to open and locked positions.

Pins should slide freely. If necessary, loosen screws and then slightly reposition lock. Tighten screws.

### 3.5 Install Cover Plate

**(If you purchased the optional handle, please proceed to 3.6)** To install standard cover plate, position cover plate over lock assembly and push firmly from side-to-side until tabs on either side of cover plate snap into position. *(Figure-H)*

### 3.6 Install Handle *(optional)*

If you purchased the optional inside handle, in the lock assembly remove the 2 holding screws that are in the center of the lock body. Position the handle over the lock assembly and install with the 1" flat head screws provided with the handle.

### 3.7 Install Exterior Handle *(optional)*

**CAL recommends that the exterior handle not be positioned opposite existing interior lock assemblies. Avoid installing screws that might interfere with operation of interior lock.** To install exterior handle, position handle to convenient height. Hold exterior handle firmly and mark holes. Drill 1/8" pilot holes. Install exterior handle with 3/4" screws enclosed.

## Warranty and Service

### 4.1 Troubleshooting

If your original lock does not lock correctly, this may be caused by the height of the CAL latch backplate now positioned in your doorjamb. In order to correct the problem, simply remove the original door manufactures' latch and re-install with washers placed behind the original latch. The washers will provide additional height for your original latch and correct the problem. Due to a variety of original locks from different suppliers, washers are not included with the CAL Double-Bolt locking system. For further information, call the CAL Help-Line at 1-877-HELP-004.

### 4.2 Warranty

CAL products are manufactured to the highest standards of quality and workmanship. CAL warrants to the original purchaser that the CAL Double-Bolt lock system will operate free of manufacturing defects for a period of five (5) years from the date of purchase. This warranty is valid to the original purchaser only and excludes product damage from misuse, improper installation and abuse of any kind. The warranty does not cover damage to finish cause by effects of weathering, scratching or use of improper lubrication or cleaning. In the event of a claim covered by this warranty, the purchaser must provide in writing a description of the problem, a copy of the original purchase receipt along with your name, address and daytime phone number. CAL will replace any defective part, for installation by the original purchaser. CAL will not be liable for labor charges, damages to doors or surfaces or any incidental or consequential damage. Purchaser accepts responsibility for suitability for installation. For further information, please call the CAL Help-Line at 1-877-HELP-004.

### 4.3 Service

The CAL lock surface and latch should be cleaned with mild detergent. Do not use abrasive cloths or cleaning agents as this may scratch the lock surface. Dry with soft cloth. Do not allow locking pins to stay wet. Lubricate locking pins with light oil, silicone or lock lubricant.

### 4.4 CAL Help-Line

You may contact us by phone at: 1-877-HELP-004 or visit our website at [www.callocks.com](http://www.callocks.com)