ENTRANCE HANDLESET INSTALLATION INSTRUCTIONS

This instructions is prepared to provide you information on how to install your lock properly. Read this instruction carefully before attempting to install lock.

**Before Proceeding:**
1. Check backset of your lock.
   - **Backset** is the distance measured from door edge to center of lock, either 2 3/4” or 2 1/2”.
2. Check backset of your door.
   - Backset is a distance measured from door edge to center of lock, either 2 3/4” or 2 1/2”.
3. Match backset of your lock with backset of your door.
   - Make sure your lock has same backset size as your door for lock to be flush with door.
4. Adjust latch if necessary, according to step 10 and step 11 of these instructions.

**Tool Required for New Installation:**
- Phillips head screwdriver
- Electric power drill
- T and 3/8” wrench
- Hammer

**Tool Required for Replacement Installation:**
- Phillips head screwdriver

1. **MARK DOOR**
   - Use template enclosed to mark holes on door face.
   - Mark for 1” or 3/4”.
   - 2 1/2” or 2 3/4”.
   - 24 hole pattern hole on center of door edge.
   - Height 36” to 38” (914mm-954mm)
   - From floor.

2. **DRILL HOLES**
   - Drill 2 1/4” (24mm) hole in 2 holes on both sides of door.
   - Drill 2 1/4” (24mm) hole in door face.

3. **INSTALL MATCH**
   - Insert latches in holes.
   - Keep parallel to edge of door.
   - Mark outline of strike plates.
   - Use screwdriver to install latch.

4. **INSTALL EXTERIOR HANDLE**
   - Place exterior handle with stems and square socket into latch as shown, press tightly against door face.
   - Secure and fasten the installation mechanism firmly through the screws respectively as shown in figure.

5. **INSTALL INTERIOR MECHANISM**
   - Measure one half of door thickness from door stop and vertically mark drill point center for strike.
   - Place strikes in position and mark outline of strike plate.
   - Mark outline of strike plate.

6. **INSTALL CYLINDER DEADLOCK AND TRIM**
   - Drill 1 1/4” (24mm) hole in door jam.
   - Caution: to assure proper lockset function, holes in door jam must be drilled 1 1/4” (24mm) deep.
   - Secure Strike plate with 1 1/4” (24mm) deep or until plates are flush with door jam.
   - Install strike plate and secure with wood screws.

7. **MARK JAMB**
   - A: Close door until latchbolt touches door jamb mark door jamb as shown with a pencil.
   - B: Center the strike plates on the door jamb.

8. **MARK OUTLINE OF STRIKES**
   - Door stop.
   - Centerline of jam.
   - Dot center for strike.

9. **DRILL HOLES AND INSTALL STRIKES**
   - For single cylinder:
     - A: Drill 1 1/4” (24mm) hole in door jamb. Caution: to assure proper lockset function, holes in door jamb must be drilled 1 1/4” (24mm) deep.
     - B: Center outline for strike plate 1 1/4” (24mm) deep. Drill pilot hole and secure with 1 1/4” (24mm) wood screws.
     - C: Install strike plate and secure with wood screws.

10. **ADJUSTABLE LATCH FOR TOP DEADBOLT**
    - Some models are supplied with adjustable latch fits 2 1/2” or 2 3/4” backset.
    - Adjustable latch was preset at factory for 2 3/4” backset. If 2 1/2” backset is required, please follow step 1A thru 1D for adjustment.
    - Some models are supplied with a very latch which can fit 2 1/2” or 2 3/4” backset and also fits mortise in or drive in. To convert mortise in or drive in, just rotate latch face clockwise by 180° then pull out latch face. If 2 1/2” backset is required, please follow step 1A thru 1D for adjustment.

11. **ADJUSTABLE LATCH FOR BOTTOM HANDLE LOCK**
    - Some models are supplied with adjustable latch fits 2 1/2” or 2 3/4” backset.
    - Adjustable latch was preset at factory for 2 3/4” backset. If 2 1/2” backset is required, please follow step 1A thru 1D for adjustment.
    - Some models are supplied with a very latch which can fit 2 1/2” or 2 3/4” backset and also fits mortise in or drive in. To convert mortise in or drive in, just rotate latch face clockwise by 180° then pull out latch face. If 2 1/2” backset is required, please follow step 1A thru 1D for adjustment.