INSTRUCTIONS FOR INSTALLING SL SERIES LEVER HANDLE SETS.

- THRUBOLTS ARE PROVIDED AND RECOMMENDED FOR USE ON HIGH FREQUENCY DOORS.

SL SERIES ARE PACKED UNASSEMBLED INSIDE BOX FOR CONVENIENCE & QUICK INSTALLATION.

1. **DISASSEMBLE** INSIDE LEVER (Figure 1.)
   - Make sure the latch plate is level before installing.
   - Reassemble the handle set before installing.
   - Make sure the latch plate is level before installing.

2. **DISASSEMBLE** INSIDE ROSE ASSY (Figure 2.)
   - Make sure the latch plate is level before installing.
   - Reassemble the inside rose ass'y.

3. **MAKE CLEARANCE** BETWEEN OUTSIDE ROSE PLATE AND INSIDE ROSE ASS'Y (Figure 2.)
   - Make sure the latch plate is level before installing.
   - Reassemble the outside rose ass'y.

4. **INSTALL CONVERTIBLE THRUBOLTS** (Figure 3.)
   - Make sure the latch plate is level before installing.
   - Reassemble the convertible thrubolts.

5. **INSTALL LEVER CATCH** (Figure 3.)
   - Make sure the latch plate is level before installing.
   - Reassemble the lever catch.

6. **INSTALL ROSE COVER** (Figure 4.)
   - Make sure the latch plate is level before installing.
   - Reassemble the rose cover.

7. **INSTALL ROSE ASS'Y** (Figure 4.)
   - Make sure the latch plate is level before installing.
   - Reassemble the rose ass'y.

8. **INSTALL ROSE IN ASS'Y** (Figure 5.)
   - Make sure the latch plate is level before installing.
   - Reassemble the rose in ass'y.

9. **INSTALL ROSE COVER** (Figure 5.)
   - Make sure the latch plate is level before installing.
   - Reassemble the rose cover.

10. **INSTALL LOCK BODY** (Figure 6.)
    - Make sure the latch plate is level before installing.
    - Reassemble the lock body.

11. **INSTALL SLEEVE FOR 3 1/8" BACKSET** (Figure 6.)
    - Make sure the latch plate is level before installing.
    - Reassemble the sleeve.

12. **INSTALL LATCH UNIT** (Figure 6.)
    - Make sure the latch plate is level before installing.
    - Reassemble the latch unit.

13. **INSTALL OUTSIDE ROSE ASS'Y** (Figure 7.)
    - Make sure the latch plate is level before installing.
    - Reassemble the outside rose ass'y.

14. **INSTALL OUTSIDE LEVER** (Figure 7.)
    - Make sure the latch plate is level before installing.
    - Reassemble the outside lever.

15. **INSTALL OUTSIDE FILLER** (Figure 7.)
    - Make sure the latch plate is level before installing.
    - Reassemble the outside filler.

16. **INSTALL CYLINDER** (Figure 7.)
    - Make sure the latch plate is level before installing.
    - Reassemble the cylinder.

17. **INSTALL PUSH PIN** (Figure 7.)
    - Make sure the latch plate is level before installing.
    - Reassemble the push pin.

18. **INSTALL TUBE** (Figure 8.)
    - Make sure the latch plate is level before installing.
    - Reassemble the tube.

TOOLS REQUIRED:
- PUSH PIN (PROVIDED)
- NO. 2 PHILLIPS SCREWDRIVER
- 5/32" INCH DRILL BIT
- 1/8" INCH DRILL BIT
- 2 7/16" TEMPLATE LATCH HOLE CENTERLINE
- 5/32" DIA FOR 2 3/4" B.S.
- 3/8" DIA FOR 2 5/8" B.S.
- 3/16" DIA FOR 2 3/4" B.S.
- 1/4" DIA FOR 2 5/8" B.S.
- 1/8" DIA FOR 2 3/4" B.S.
- 3/16" DIA FOR 2 5/8" B.S.
C. LOCK BODY ALIGNMENT & CENTERING
The lock body must be brought into position with the door frame. This allows for a precise alignment of the lock body with the strike plate. The lock body must be correctly aligned before installation.

D. INSTALLATION OF LOCK UNIT
1. Place the lock unit on the door frame.
2. Secure the lock unit using screws provided.

E. SECURING THE LOCKSET UNIT TO DOOR
1. Place the lockset unit on the door.
2. Secure the lockset unit using screws provided.

F. ATTACHING INSIDE ROSE ASS'Y
1. Attach the inside rose to the door frame using screws provided.

G. INSIDE LEVER INSTALLATION
1. Install the inside lever in the inside rose ass'y.
2. Secure the inside lever using screws provided.

H. TO REMOVE OUTSIDE LEVER & ROSE
1. Remove the outside lever and rose by pushing the outer lever catch.
2. Remove the outside lever and rose.

I. ADJUSTMENT FOR DOOR THICKNESS
Adjust the door thickness to ensure a proper fit.

J. INSTALLING STRIKE
When installing the strike, ensure it is properly aligned with the lock body.

K. WARNING
Always ensure the lock is properly aligned and secured before use.