SUPPLEMENT to WI1004

The steps below supplement the WI1004 installation instructions, **replacing** step 6:

6. INSTALL INSIDE ASSEMBLY

A. Drilling hole for the supplied Door Contact (labeled "DOOR CONTACT PREP" on template) is only necessary if the two white "Remote Input" wires inside the lock (see Fig. A) will be used for "Door Monitoring" features. If Door Monitoring features will NOT be programmed, and the two white "Remote Input" wires will either be unused or used for a "Remote Release" only, there is NO need to drill a hole for the Door Contact. (Note: Lock programming is performed after lock is installed on the door; in addition, these instructions will henceforth assume the Door Contact will need to be installed).

As shown in **WI1004** step 1, the template is used to mark and drill the holes required. The provided template (**WI2036**) includes the additional hole "A" for the **Door Contact**; if this hole "A" was not drilled, be sure to

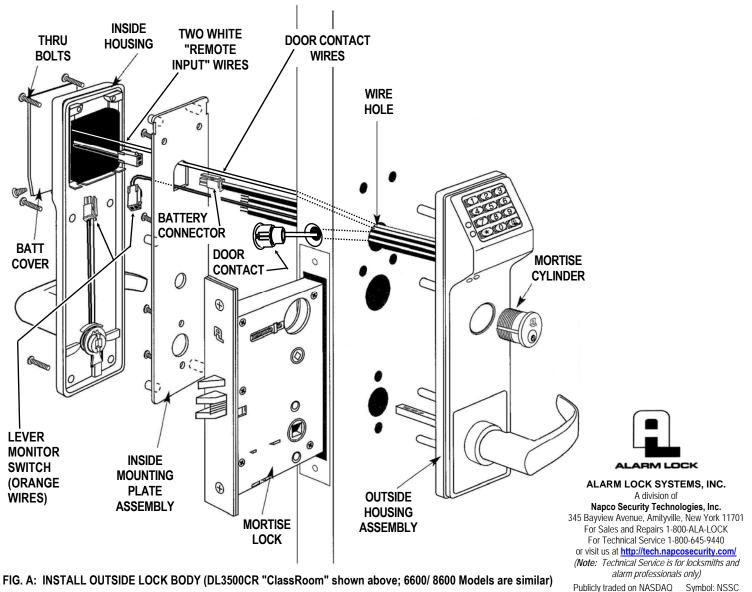


PDL6600 / 8600 DL6600 / 8600 PL6600 / 8600

The Keyless, Electronic Network Mortise Lockset

Supplement to WI1004 INSTALLATION INSTRUCTIONS

WI2023B 11/14



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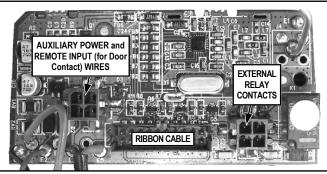


FIG. B: SOCKETS LOCATED IN THE "INSIDE HOUSING" CIRCUIT BOARD

drill this hole now as per the instructions printed on the template WI2036 (drill hole "A" to either hole "B" or "C" used). Be very careful not to drill through any wires in holes "B" or "C".

Door Contact Hole: For Hardwood Doors:

Drill a 1/4" hole into the door edge a distance of $2\frac{3}{4}$ " (to hole "B" or "C"). Then use a $\frac{3}{4}$ " bit to enlarge this hole to a depth of 7/8" to allow the **Door Contact** to sit flush.

- **Door Contact Hole: For Hollow Metal Doors:** Drill a ³/₄" hole into the metal surface of the door edge. **IMPORTANT:** Be sure to remove all metal burrs from connector cable hole--*sharp edges will eventually wear away wire insulation*.
- B. Insert the Lever Monitor Switch plug (orange wires) through the wire hole as described in step 4. Next, insert **Door Contact** wires into hole in door edge and pull wires through the wire hole as shown in step 4.
- C. See Fig. A and Fig. B. Before installing the black plastic Inside Housing, apply dielectric grease (provided) into all of the following plugs and sockets as they are connected: Connect the Ribbon Cable plug into its socket located on the Inside Housing circuit board. As shown in Fig. B, connect the plug into the Auxiliary Power / Remote Input socket. If used, connect the plug into the External Relay Contacts socket. Connect the Lever Monitor Switch plug and socket (orange wires) as shown in Fig. A. Note: These plugs and sockets fit only one way -- do not force any connections. Do not allow wires to cross or lay on top of each other. Before tightening any of the screws or bolts described below, jiggle the ribbon cable and all other wiring to ensure wires are not pinched.

The two white **Remote Input** wires (see Fig. B) can be programmed as a "Remote Release" or for "Door Monitoring" (programming is performed after the lock is installed on the door):

- When a "Remote Release" is desired (factory default), connect the two white Remote Input wires inside the lock to a normally-open contact switch (switch is shorted/closed to unlock the lock).
- When "Door Monitoring" is desired, connect these two white Remote Input wires to the supplied Door Contact wires (Note: When the door is closed the contacts are also "closed").
- D. Secure the top of the **Inside Housing** to the **Inside Mounting Plate Assembly** with two black 4-40 x ¼ flat head Phillips or spanner head security screws. See Fig. C.



FIG. C: SECURE TOP OF "INSIDE HOUSING"

E. Connect the **Battery Connector** battery pack plug and circuit board battery plug as shown in Fig. D. Note that upon connection of the battery pack, you will hear three beeps.

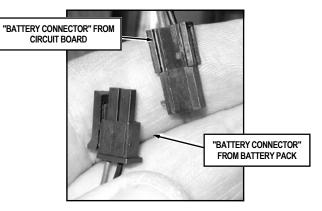


FIG. D: CONNECT THE "BATTERY CONNECTOR" PLUGS

F. Insert the battery pack into **Inside Housing** as shown in Fig. E.



FIG. E: INSERT BATTERY PACK INTO "INSIDE HOUSING" ("SEALED" TYPE PACK SHOWN)

G. Secure the **Battery Cover** to the **Inside Housing** with two black 4-40 x ¼ flat head Phillips or spanner head security screws (see Fig. F).



FIG. F: SECURE "BATTERY COVER"

DOOR CONTACT MAGNET INSTALLATION (JAMB)

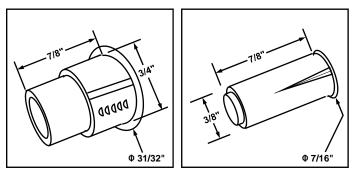


FIG. G: TWO MAGNETIC "DOOR CONTACT" TYPES (ONE PROVIDED)

- 1. With the door closed, place a mark on the inside door jamb directly opposite the **Door Contact** hole drilled in the door.
- 2. For one of the two **Door Contact** (magnet) types provided with your lock, note its dimensions in the image above. Drill into the door jamb as follows:

For Hardwood Jambs:

- For the *thicker* contact (above left image): Drill a 3/4" hole 7/8" deep for the magnet side of the **Door** Contact.
- For the *thinner* contact (above right image): Drill a 3/8" hole 7/8" deep for the magnet side of the **Door** Contact.

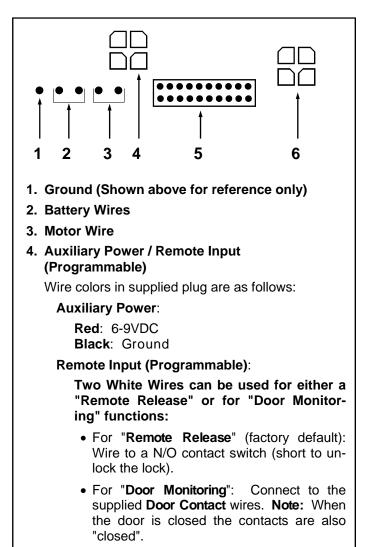
For Hollow Metal Jambs:

• Use either a 3/8" or 3/4" bit (depending on type) to drill a hole into the surface for the **Door Contact**.

Insert the magnetic **Door Contact** in the hole; the contact sits flush with the jamb when fully inserted. Ensure a secure fit by using adhesive appropriate for the material.

Installation is complete. Now see the programming instructions for first time startup.

WIRE CONNECTIONS



- 5. Ribbon Cable
- 6. External Relay Contacts

Wire colors are as follows:

COM-Orange / NO-Green / NC-Yellow

FIG. H: WIRE CONNECTIONS

ALARM LOCK LIMITED WARRANTY

ALARM LOCK SYSTEMS, INC. (ALARM LOCK) warrants its products to be free from manufacturing defects in materials and workmanship for twenty four months following the date of manufacture. ALARM LOCK will, within said period, at its option, repair or replace any product failing to operate correctly without charge to the original purchaser or user.

This warranty shall not apply to any equipment, or any part thereof, which has been repaired by others, improperly installed, improperly used, abused, altered, damaged, subjected to acts of God, or on which any serial numbers have been altered, defaced or removed. Seller will not be responsible for any dismantling or reinstallation charges, environmental wear and tear, normal maintenance expenses, or shipping and freight expenses required to return products to ALARM LOCK. Additionally, this warranty shall not cover scratches, abrasions or deterioration due to the use of paints, solvents or other chemicals.

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Any action for breach of warranty, including but not limited to any implied warranty of merchantability, must be brought within the six months following the end of the warranty period.

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ALARM LOCK RECOMMENDS THAT THE ENTIRE SYSTEM BE COMPLETELY TESTED WEEKLY.

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