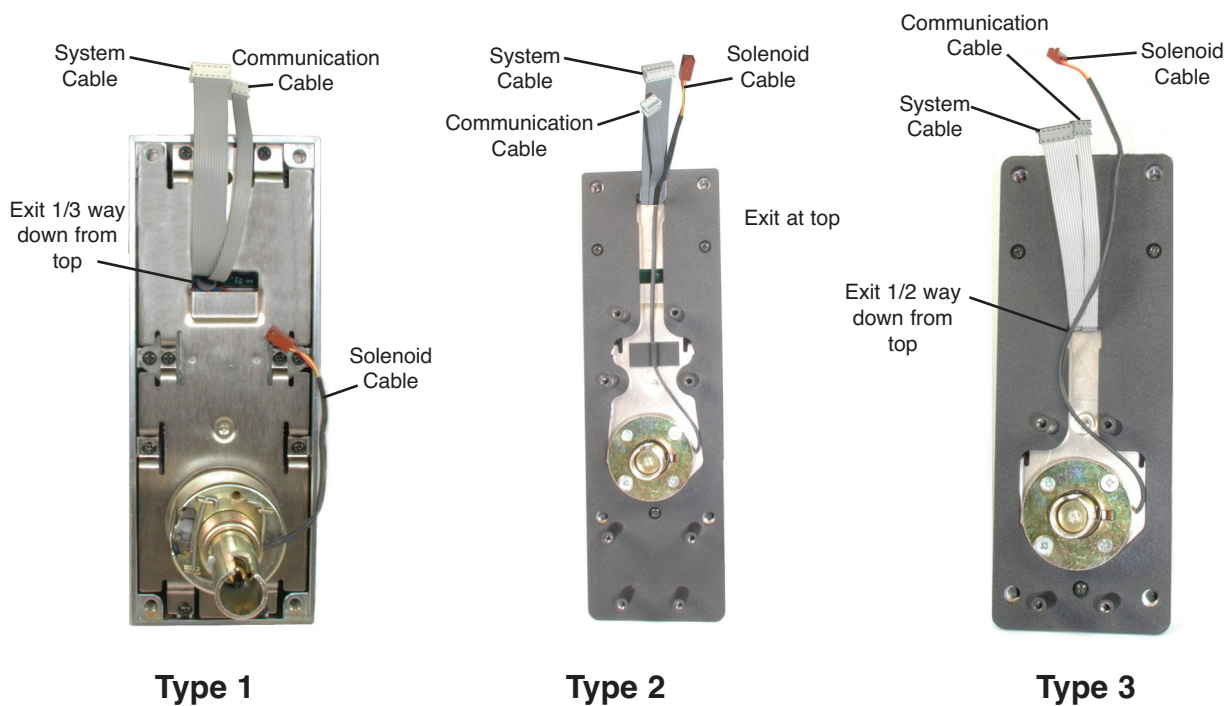# PowerLever®

Supplementary Installation Instructions

These instructions for Model 455x lock installation supplement the section in the PowerLever Installation Guide regarding Installation of the Lock Chassis / Outside Cover or Case Assembly. We recommend that you read the entire section in the Installation Guide and then read the exceptions noted below for installing the communication cable for the Model 455x lock.

Communication Cable Installation

The PowerLever Model 455x outside case assembly includes a communication cable that exits the outside case assembly at the same location as the system cable. The communication cable is a 6-conductor ribbon cable that carries communication signals from the RJ-12 connector on the outside case assembly through the door to the system card. Some differences exist with various model 455x outside case assemblies, but the three versions pictured below illustrate the possible communication cable exit locations.

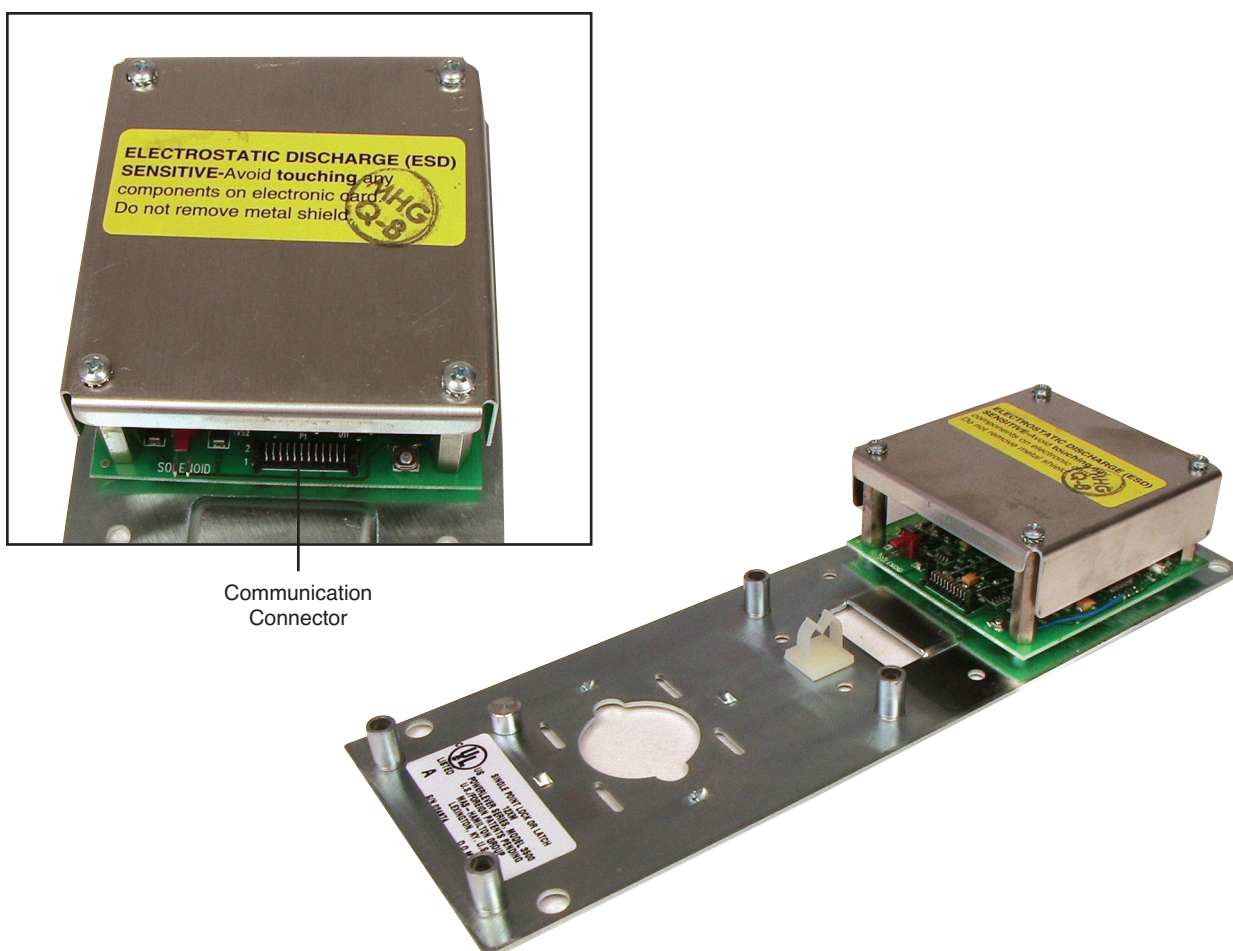**Type 1**   **Type 2**   **Type 3**

For all three types of outside case assemblies, the communication cable and system cable exit the outside case assembly from the same opening.

Type 1 case assemblies have a cable exit opening located about 1/3 of the way down from the top of the lock. For Type 2 case assemblies the cable exit opening is located at the top of the lock. Type 3 case assemblies have a cable exit opening located about 1/2 of the way down from the top of the lock.

Installation Instructions

Caution: Handle the cable wiring harness with care. Do not pinch the wires.

1. From the outside of the door, feed the cable harness through the 1" (25.4mm) hole.

2. Install the inside backing plate / system card assembly in the normal manner, as documented in the Installation Guide, with the cable harness passing through the plate.

3. Plug the communication cable into the appropriate connector along the bottom edge of the 455x system card, as shown below.

Communication
Connector

WARNING: Do not touch components on board (may cause static damage)

All other aspects of the 455x lock installation process are the same as the standard process, as detailed in the PowerLever Installation Guide (P/N 451.080).

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