

Installation Instructions

Data Module

INTRODUCTION

The Data Module is a data logging PCB that allows communication with laundry management software (sold separately).

The Data Module is compatible with all E dispensers and with XL dispensers built after June 10, 2005.

IDENTIFYING COMPATIBLE DISPENSERS

To determine if your dispenser is compatible with Data, look for **all three** of the following components on the dispenser's main PCB:

- A Molex pin connector (J13) labeled "PUMPS 7-8"
- A pin connector (J4) labeled "Data Module"
- A light-emitting diode (LED) labeled "D11"

All three of these components exist on compatible dispensers. See Figure 1 for the positions of these components.

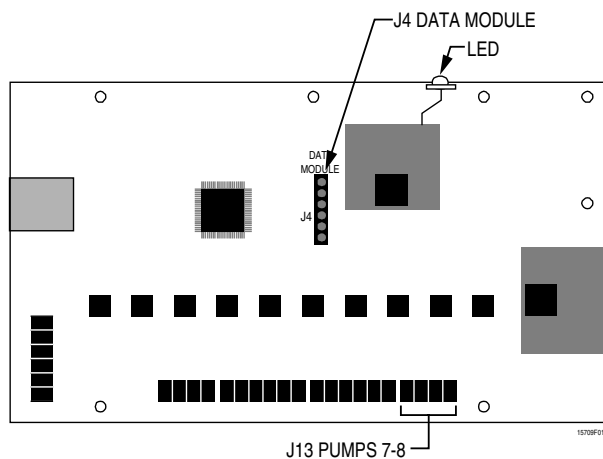


Figure 1. Dispenser main PCB, component locations

You can also identify compatible units by checking the firmware version. When the dispenser is powered up, the handheld programmer will first display the **handheld firmware** version for 2 seconds and then the **dispenser firmware** for at least 2 seconds. The dispenser firmware screen will show "E" or "XL" in the top line and the firmware version on the lower line. **Data Module-compatible firmware is v. 2.00 or higher.** See Figures 2 and 3 for examples of the firmware version display.

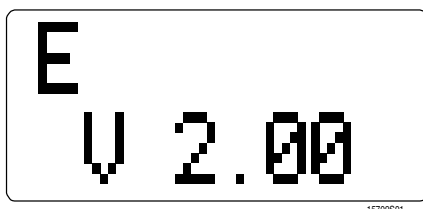


Figure 2. Firmware version display, E dispenser

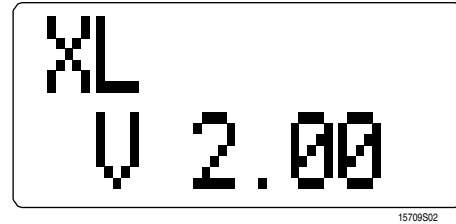


Figure 3. Firmware version display, XL dispenser

INSTALLATION OF THE DATA MODULE

1. Ensure that the dispenser is off by disconnecting the power (the LED should not be lit).
2. Remove the Data PCB from the packing material.
3. Place the Data PCB over the Main PCB as shown. The six pins of pin connector J4 (labeled "Data Module") near the center of the main PCB must insert into the complementary connector on the underside of the Data PCB. The pins must be lined up correctly, with one pin in each hole with the outer edges of the Data PCB exactly aligned with those of the dispenser main PCB. Be careful not to bend the pins. See Figure 4.

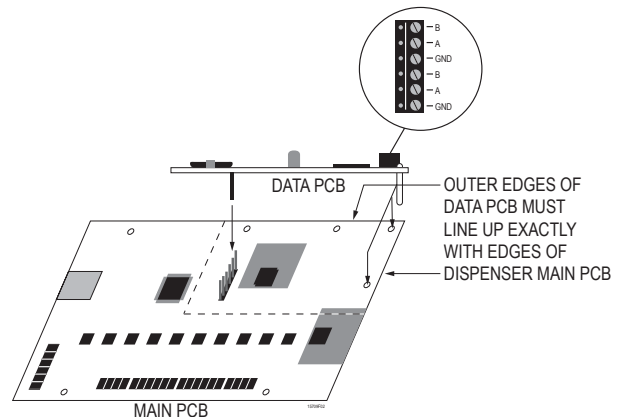


Figure 4. Data PCB alignment over main PCB

4. The white spacers will line up with their respective holes as shown. Click the PCB into place.

Proceed with software installation as described in the software installation and operation manual.