



Wascomat Laundrylux (C19 Harness)

BluKey Pulse Protocol

Installation Manual



BluKey™ Pro Pulse



BluKey™ Pulse

Preparing the Machine for Installation

- **Machine Power:** Ensure the laundry machine is disconnected from its power source.
- **Installer Connectivity:** For BluKey registration, confirm your smartphone has a stable internet connection (Wi-Fi or cellular data) to use the PayRange App.
 - PayRange service requires data connection on a user's mobile device.
- **Required PayRange Hardware:** Ensure you have the correct harnesses and sufficient BluKey devices on hand to complete installations on all machines at the location.

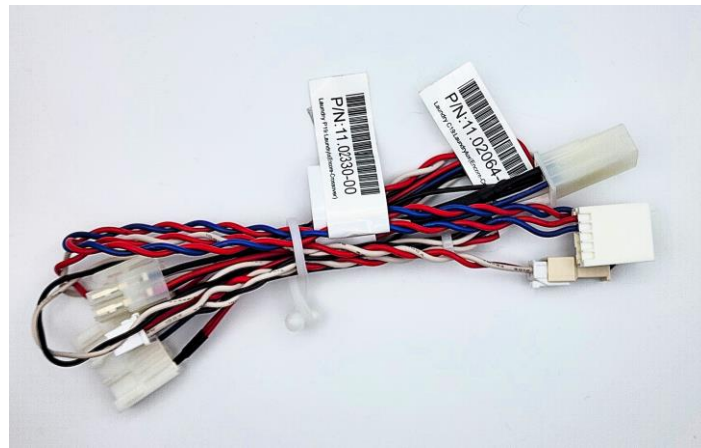


Figure 1

Machine Out of Order

- If the machine has **power**, register and connect to the BluKey and harness as usual.
- If the machine has **no power**, use another machine to power and register the BluKey. Use the Machine ID, position number, and harness type for the out-of-order machine
- Leave the registered BluKey in the first machine. Once the broken machine is repaired or replaced, retrieve the device and install it in the correct machine.



Figure 2

BluKey Configuration Steps

Pulse Mode: Use this mode when the machine is configured to accept coins or pulse signals from a coin mechanism. Pulse Mode installations are supported with either BluKey model: **BluKey Pro** or **BluKey Pulse**.

BluKey Pro Model:

- Connect the **BluKey Pro** to the **C19 harness (Figure 3)**.

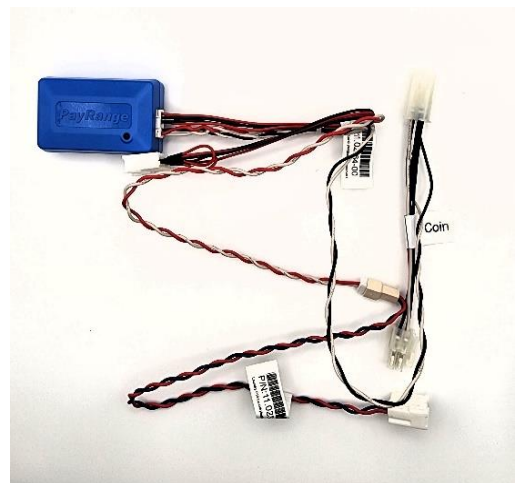


Figure 3

BluKey Pulse Model:

- Connect **BluKey Pulse** to the **Interface Module**.
- Connect **C19 Harness** to the other end of the **Interface Module** (See **Figure 4**)

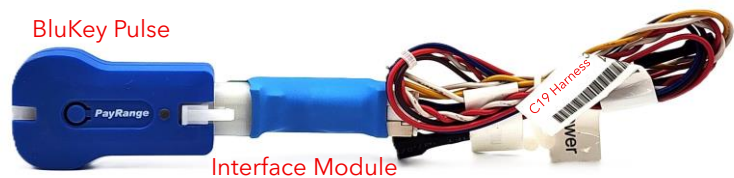


Figure 4

Configure the Laundry Interface Module for BluKey Pulse Module Only:

Important: The interface module switches must be set to match the machine's settings and programming. Incorrect switch settings may cause the BluKey to be incompatible or behave unpredictably.

Switch 1:

- **OFF**-BluKey's 12-pin Coin Connector will be used to audit coins.
- **ON**-Machine does not accept coins, or the coin audit function will not be used.

Switch 2:

- **OFF**- Used for Washers. Payment will be disabled when the machine is in use.
- **ON**- Used for Dryers. Payment is always allowed for top-off transactions. Set to OFF to disable top off transactions

Switch 3:

- Set to **ON** for all machines to accept BluKey Pulse.

Switch 4:

- Unused

Harness Installation:

1. If not done so already, **disconnect** the machine from its **power** source.
 - a. Connect the BluKey to the harness.
2. **Open the Machine:** Remove the two screws from the back of the machine. Slide the top panel toward the rear of the machine and lift it off.

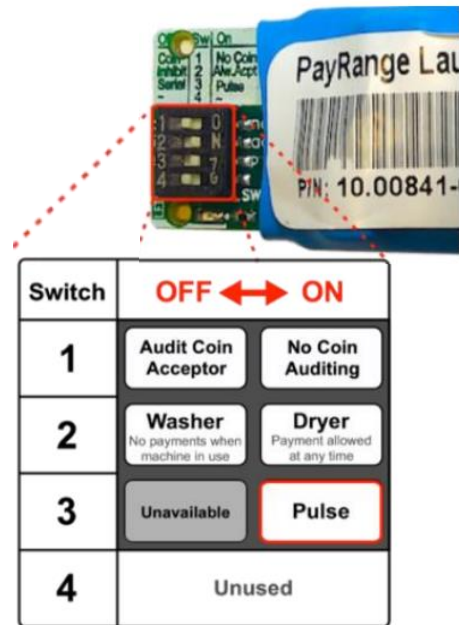


Figure 5



Figure 6



Figure 7



Figure 8

3. Using the C19 harness **disconnect** the **P/N 11. 02330-00 harness adapter** and **connect** the **red and white power adapter** to the **light blue machine harness** on the right side of the machine, as displayed in **Figure 9**.

- a. If the power connector does not look like the machine harness in **Figure 9**, leave the adapter on the harness and proceed with connecting to power, see **Figure 10 & 11**.

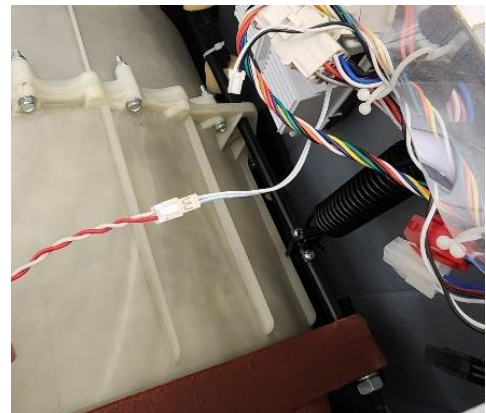


Figure 9

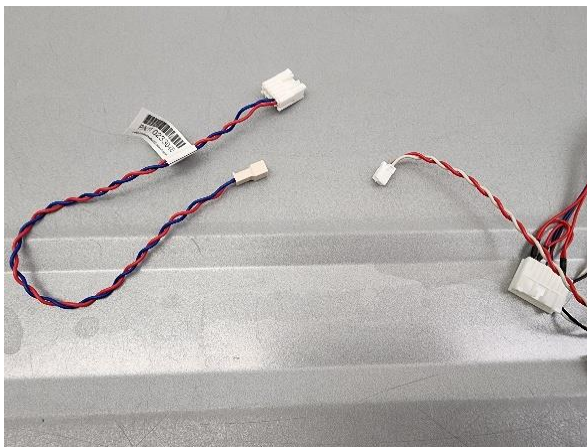


Figure 10

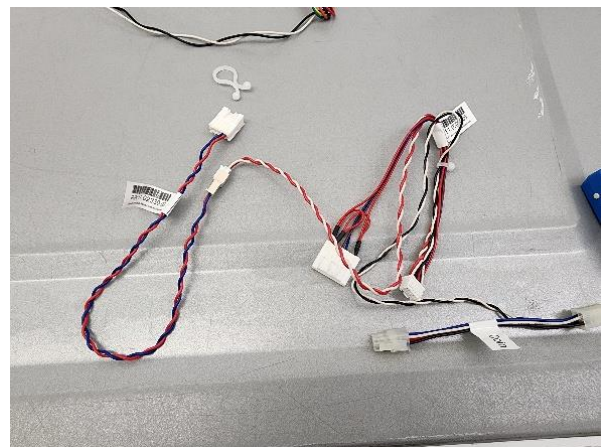


Figure 11

4. Connect the C19 harness debit adaptor to the machine's **debit port** at the front panel of the machine (see **Figure 12**).

5. **Optional Coin Pass-Through:** The coin pass-through is used to audit coin drops only. **Do not connect** if the machine does not accept coins, has dual coin acceptors, or if cash reporting is not needed.
 - a. Connect the 4-pin adapter from the C19 harness to the 4-pin connector at the front right of the machine, see **Figure 13**.

6. **Power on** the machine.



Figure 12

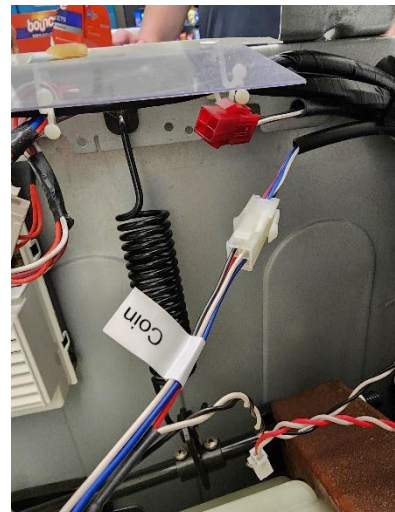


Figure 13

Affixing Machine Decals

(Refer to the signage/decal placement reference guide for complete placement details)

- Number machines left-to-right and top-to-bottom to make it easier for customers to locate machines.

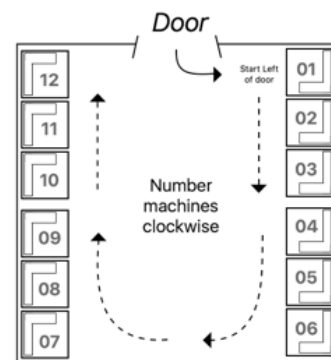


Figure 14

- For stacked machines that require two devices, top machine should be lower number.

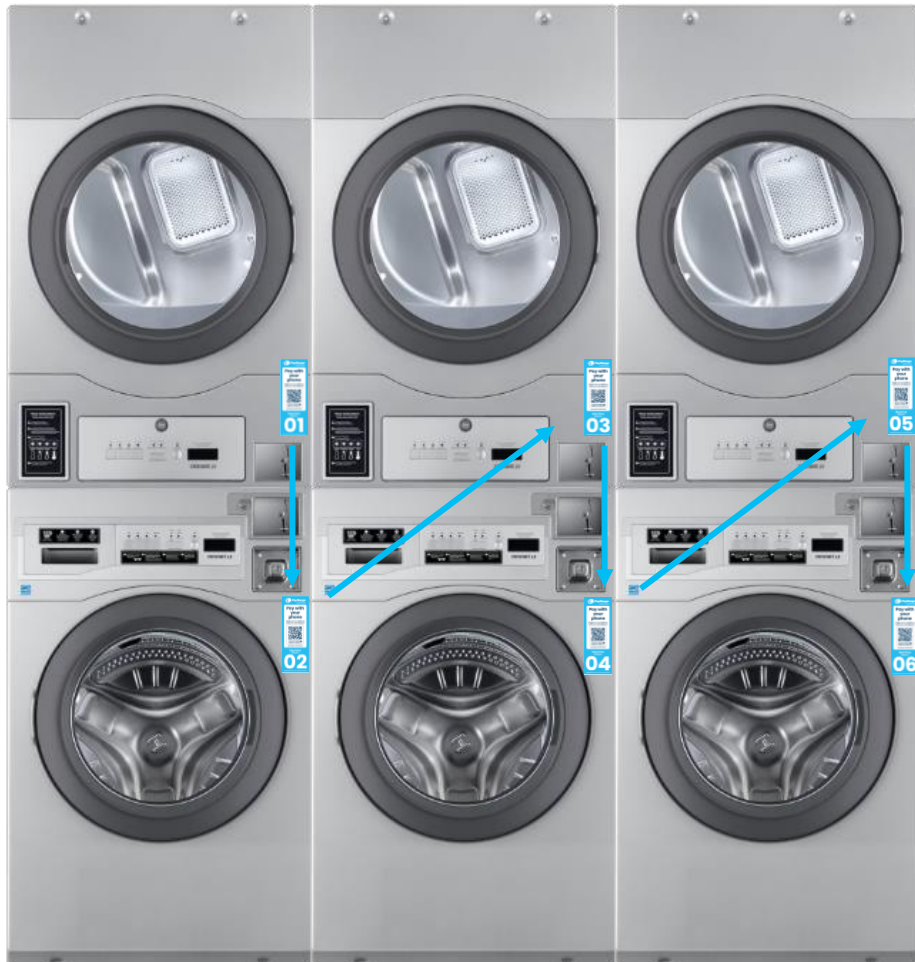


Figure 15

Register BluKey with PayRange App.

Refer to the “*Registering the PayRange BluKey*” reference guide for the complete steps for registration.

- Be sure to select the specific harness type during registration, in this case select the **C19-Wascomat Pulse**, see **Figure 16**.
- Under Protocol, select **Pulse**.

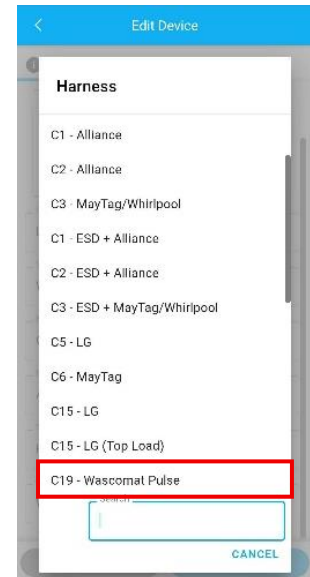


Figure 16

Test Transaction

1. On the main screen in the PayRange App, select the machine you wish to test payment.
2. Slide the **Green** arrow to the right to send a test transaction payment (**Figure 17**).
3. Verify the machine’s display shows the PayRange balance or value of free purchase code (**Figure 18**).
4. Press Start on the machine to begin the cycle or press the X in the PayRange App to cancel the transaction. The account will not be charged for a cancelled transaction.
 - If the test transaction is unsuccessful, refer to the “*PayRange Troubleshooting Guide*”.

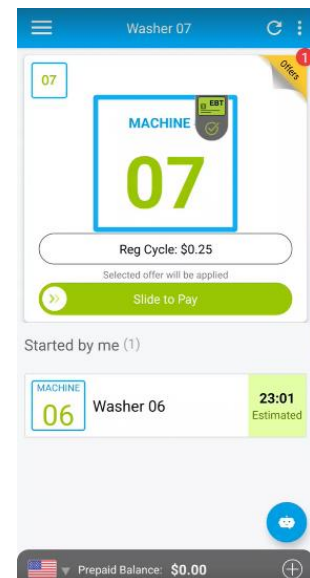


Figure 17



Figure 18

Repeat Steps for All Machines Requiring the C19 Harness.