



Maytag (C23 Harness)

BluKey Pulse and Serial Protocol

## Installation Manual



BluKey™ Pro Serial  
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 a 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.

## 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 1**

## 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**.

**Serial Mode:** Use this mode when the machine is configured to accept serial or card-based input. Serial Mode installations are supported only with the **BluKey Pro** model.

### BluKey Pro Model:

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- Connect the **BluKey Pro** to the **C23 harness** as depicted in **Figure 2**.

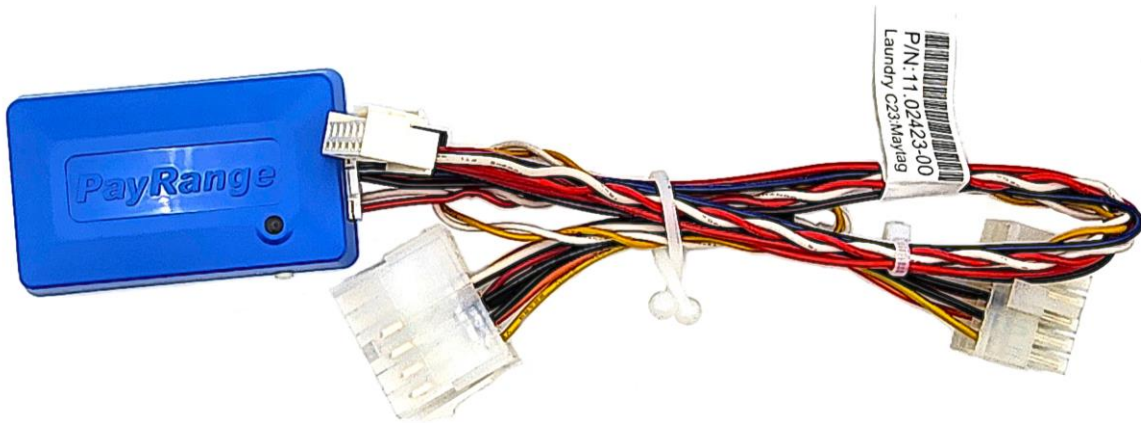


Figure 2

### BluKey Pulse Model:

- Connect the **BluKey Pulse** to the **Interface Module**.
- Connect the **C23 harness** to the other end of the **Interface Module** (See **Figure 3**)

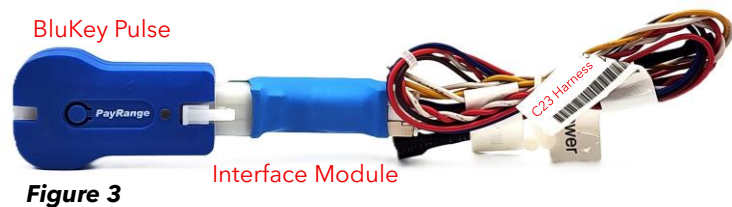


Figure 3

## 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

## Debit Port Installation

1. If not done so already, **disconnect** the machine from its **power** source.
  - a. Connect the BluKey to the harness.
2. **Open** the **control panel** to access the machine's control board.
3. Plug the **6-pin** adapter from C23 harness, into the machine's **Debit Port** as seen in **Figure 5**.

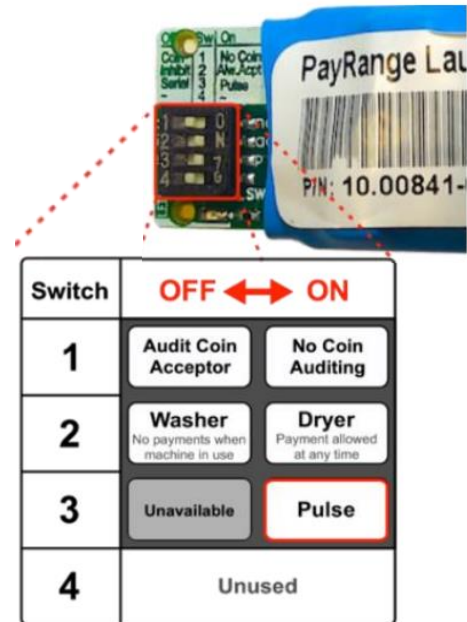


Figure 4

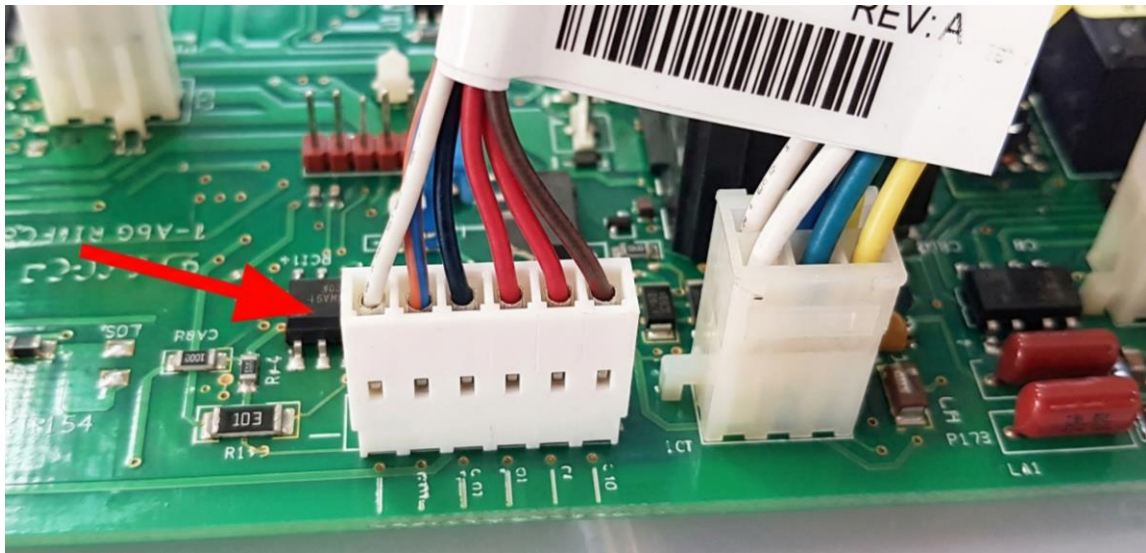


Figure 5

## Optional Coin Pass-Through

The coin pass-through connection is **used for coin auditing for coin drop only** and is not required for PayRange operation.

**Important:** Do not connect the coin pass-through if the machine:

- Does not accept coins
  - Uses dual coin acceptors
  - Does not require cash reporting
- I. Disconnect the machines' 12-pin coin sensor harness from the control board.
  - II. Plug the **coin pass-through** connector from the **C23 harness** into the control board.
  - III. Plug the 12-pin **machine coin/service harness** into the **coin pass-through** connector, as seen in **Figure 6**.

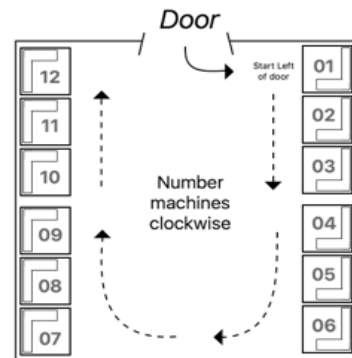


Figure 6

## 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.
- Maytag stacked machines only have one control board per stack. Therefore, they only require a single device and a single number decal.



**Figure 7**

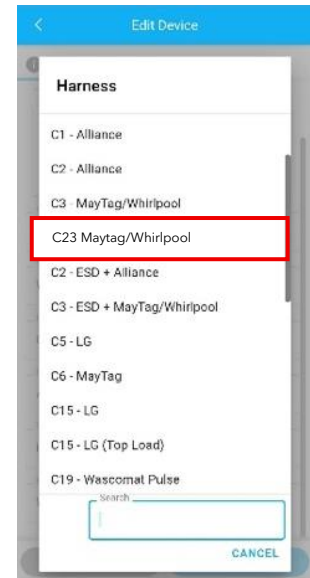


**Figure 8**

## Register BluKey with PayRange App

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

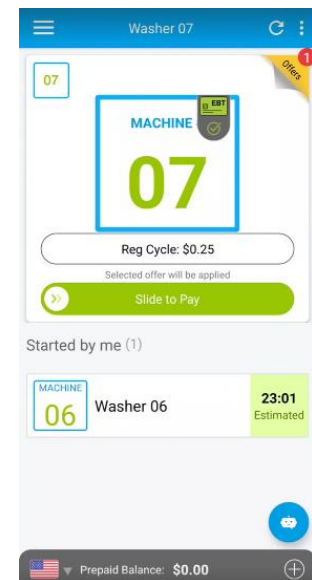
- Be sure to select the specific harness type during registration, in this case select **C23** (see **Figure 9**).
- Under Protocol, select **Pulse or Serial** based on installation type.



**Figure 9**

## 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 10**).
3. Verify the machine’s display shows the PayRange balance or value of free purchase code (**Figure 11**).
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 10**



**Figure 11**

**Repeat Steps for All Machines Requiring the C23 Harness.**