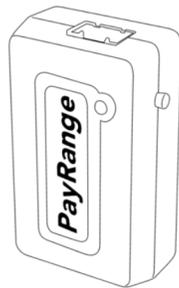




C19 Laundrylux

For BluKey™ Pro Serial/Pulse and BluKey™ Pulse Devices

Installation Guide



BluKey™ Pro Serial
BluKey™ Pro Pulse



BluKey™ Pulse

HARNESS - LAUNDRY C19: ALLIANCE (ACA)

Laundrylux Machines
(Crossover/Encore Machines)

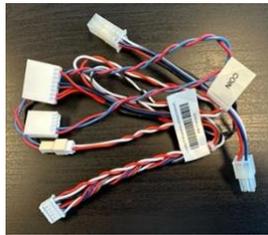
PayRange Laundry System

1 Coin-Op Machine



2 Laundry Interface Kit

"C19" Harness
BluKey to Machine



3 BluKey™ Pro



or



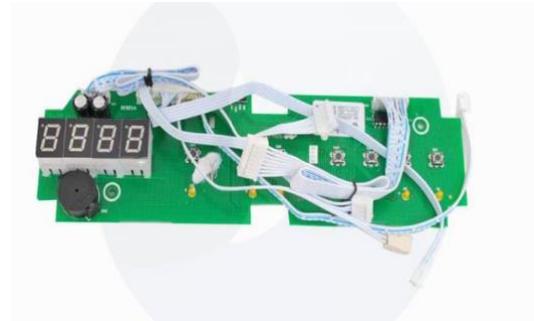
BluKey™ Pulse

BluKey device accepts payment from PayRange mobile app. Laundry Interface Kit (includes Cable Harnesses and Card Adapter Board) connects BluKey to Laundry Machine and converts electrical signals between them.

Supported Machines

Laundrylux Crossover/Encore controllers.

***Board layout can vary greatly. Images are for example only. Compatible controllers will have all connections shown. Please refer to machine manual for location of these connectors or reach out to machine manufacturer.**



Crossover circuit board

Machine Controller Configuration (Pulse)

Washing machines can be set to 2 types of mode: Serial and Pulse. Dryers can only be set to Pulse.

Configure Washing machine for Pulse Mode

The washer can accept payment using coins or tokens in COIN MODE or using payment cards in CARD MODE (serial). Setting the machine to COIN MODE and setting all wash program and option prices to "0.00" will allow the machine to operate for free in OPL mode.

Coin Communication Payment Mode Setting

1. In Coin configured machines unlock and remove the coin box. Press and release the Service Switch located in the rear of the coin vault to enter service mode. In non-Coin configured machines invoke full-service mode via Reg 36 which must be enabled at installation. See Service Mode page 6:1 of your Washer Operating Manual.
2. All segments of the display will light.
3. Press the "HEAVY SOIL" and "EXTRA RINSE" buttons simultaneously. This display shows "0" if the machine is in COIN MODE or "1" if the machine is in CARD MODE.
4. Press the START button. The display flashes.
5. Press the COLD program button to change the operating mode. The left-most digit changes 0 → 1 or 1 → 0, indicating the new mode. Set machine to 0 = COIN.
6. Press the START button. The display stops flashing.
7. Press the service mode button to exit the service mode.
8. Disconnect and reconnect power.

BluKey Pro Pulse & BluKey Pulse Installation Steps

IMPORTANT: PayRange service requires data connection on a user's mobile device. Prior to installation, verify location has adequate cellular reception or a WIFI network that users can access.

Step 1: Prepare Machine

- Disconnect machine from power
- Open machine panel to access controller

Step 2: Connect BluKey Pro to harness.

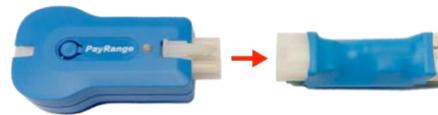
Connect C19 harness to BluKey Pro



or

Connect BluKey Pulse to Interface Module and harness.

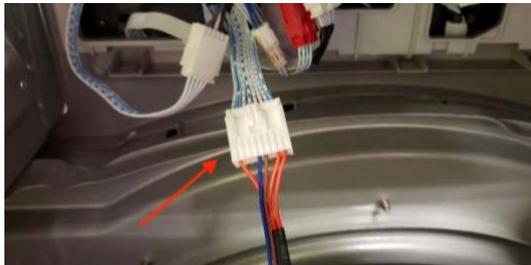
Connect C19 harness to one end of the Interface Module and BluKey Pulse to the opposite end of the Interface Module.



Step 3: Connect to Debit Interface

Plug the 8-pin connector from C19 harness into machine debit interface (refer to Machine manual for location).

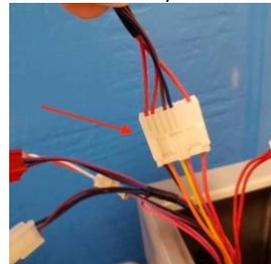
Front Load Washer



(Debit interface is on main controller)

Top Load Washer

(Debit interface accessed through service door)



Step 4: Connect Power

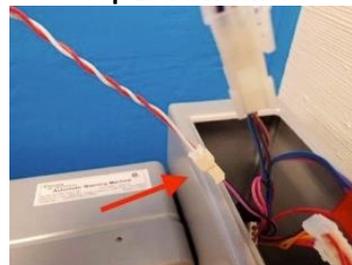
Connect power harness to power connector on controller.

Note: If machine has a 2-pin power connector (shown below), remove P19 harness from PayRange harness and connect PayRange 2-pin connector to the machine's 2-pin power connector. Newer machines may have a 5-pin connector for power, then use P19 PayRange harness to connect to power.

Front Load Washer



Top Load Washer



OPTIONAL

Coin pass-through is used to audit coin drop only, connection is not required.

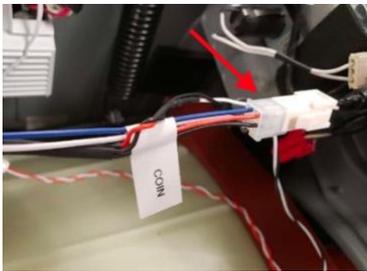
Step 5: Connect Coin Pass-Through

Coin pass-through is used to audit coin drop only (connection is not required.)

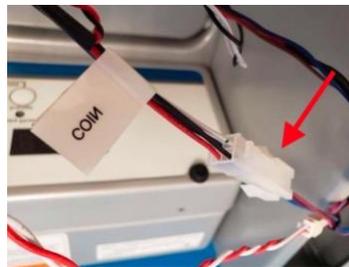
IMPORTANT: Do not connect if machine doesn't accept coin, has dual coin acceptors or cash reporting is not desired.

- Disconnect machine 4-pin coin/service harness from machine.
- Plug PayRange coin pass-through into machine.
- Plug machine 4-pin coin/service harness into PayRange pass-through connector.

Front Load Washer



Top Load Washer



Step 6: Configure Laundry Interface Module (BluKey Pulse Only)

Switches must be set to match install scenario. Incorrect settings may cause BluKey (BK) to behave unexpectedly.

Switch 1:

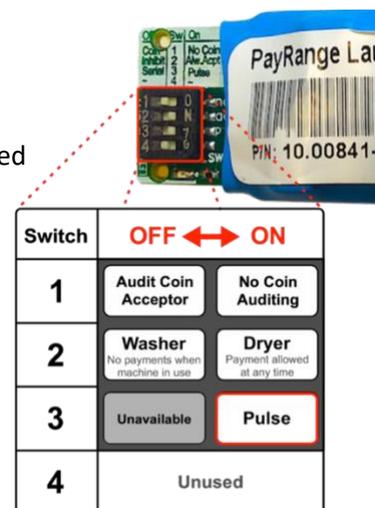
- **OFF** = BK is auditing machine coin acceptor
- **ON** = machine does not accept coin, or coin audit not being used

Switch 2:

- **Washers = OFF**
Payment disabled while machine in use.
- **Dryers = ON**
Payment always allowed for top-off (set OFF if dryer top-off is disabled)

Switch 3: Set **ON** for all machines.

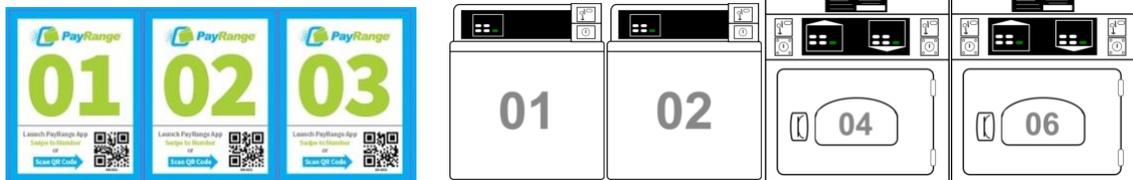
Switch 4: Unused



Step 7: Affixing machine decals

- **Number Decal** – a unique number decal must be affixed to every laundry machine equipped with PayRange. Number decal not used for vending applications.
 - The decal should be placed on the machine in an area that is easily visible (near the coin slot is recommended) and that makes it obvious which machine the number is for.
 - Number machines left-to-right and top-to-bottom to make it easier for customers to locate machines. For stacked machines that require two devices, top machine should be lower number.

Note: Dexter and Maytag stacked machines only require a single device, and therefore should have a single number decal



- **First Purchase Free Decal** – this decal should be used only if the ‘New User Program’ is enabled on the operator account.
 - The New User Program allows brand new PayRange users to make a single transaction without adding funds and is a great way to incentivize mobile pay adoption.

To enable/disable feature, and set the maximum amount for transaction: login to Manage Console → select “Rewards” → select “New User Program”

Step 8: Power ON machine and register BluKey with PayRange App in front of machine after installation and testing after installation (Refer to BluKey Registration manual).

It is critical to test each BluKey device to verify proper installation, registration, and setup. Testing coin acceptor is also recommended, if applicable.

Recommended test procedure:

Repeat steps for all machines.

1. If machine accepts coins, insert a quarter, and verify price on display decrements by 25¢
2. Insert a card into the reader – verify normal card operation and machine can start.
3. Rapid advance machine to clear cycle
4. Select the machine in the PayRange App and swipe to pay – verify machine displays PayRange balance (or value of free purchase code) and can start.