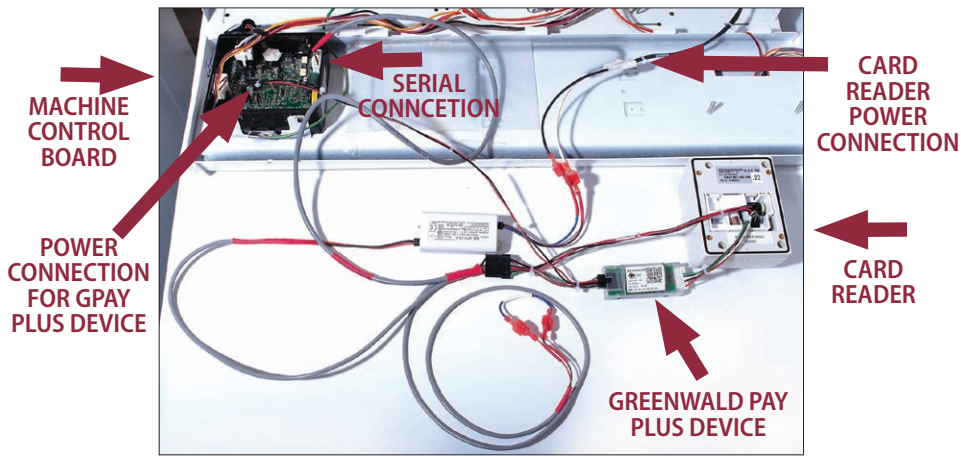


## INSTALLATION DIAGRAM

The Greenwald Pay Plus device installs in-between the machine control panel and the WaveRider card reader



## Greenwald Pay Plus Installation Instructions

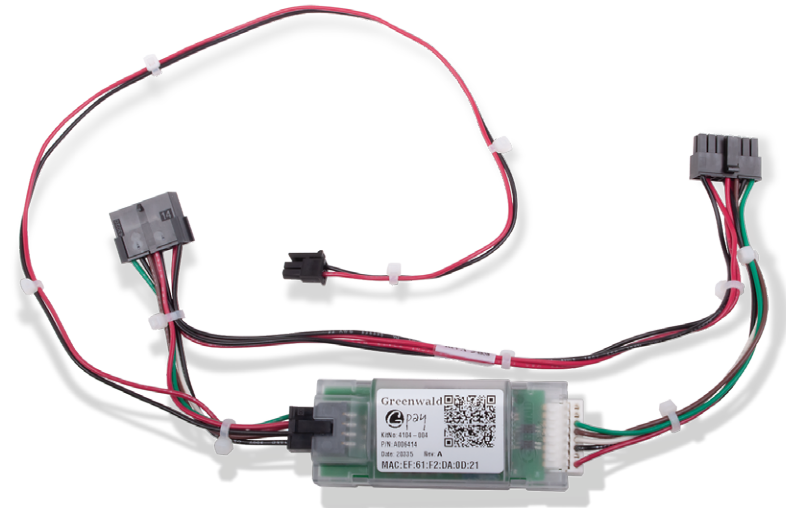
ACA Machines with WaveRider Card Readers

**Kit #: 4104-004-3**

INS. 2471-2 Rev B

### GREENWALD PAY PLUS DEVICE LED CODES

COLOR	ACTIVITY	SIGNIFICANCE
Off	Off	Device not connected to power
White	Slow Blink	Device not configured
Blue	Steady	Selected during configuration
Yellow	Slow Blink	Loading machine configuration
Green	Steady	Configured & ready
Blue	Slow Blink	Active with phone app
Green	Fast Blink	Active, Start not pressed
Green	Slow Blink	Busy, machine running
Red	Slow Blink	Machine Error
Red	Fast Blink	Machine Interface Error
Blue/Green	Slow Toggle	Firmware Loading
Red	Steady	Firmware Error



### MACHINE ERROR CODES

ERROR CODE	SIGNIFICANCE	RESOLUTION
EC18 + EC19	No communication between reader and control board	Check dipswitch #3
		Check all wiring
		Check for proper setup (take note of Gpay LED colors)
EC11	Initialization error	Power down, power up and try again.
EC1A	Payment System initialization on Front End Control only system (aka 2019 setup on 2020 controller)	Change GMS machine configuration
EC05	Invalid data from reader	Check for correct machine type. Ensure the value in at least one of the programming options is not invalid and/or out of range.

### Tools Needed for Installation



- Greenwald Pay machine labels
- Appropriate tool to open machine panel
- Smart phone

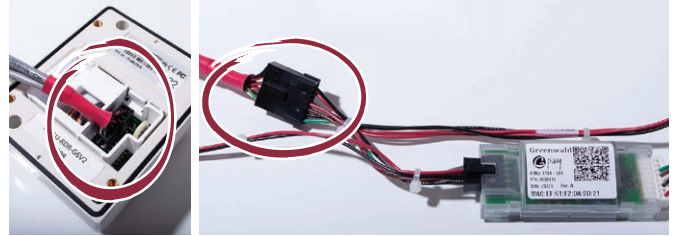
### Greenwald Industries

212 Middlesex Avenue | Chester, CT 06412 USA  
800-221-0982 | [www.greenwaldindustries.com](http://www.greenwaldindustries.com)

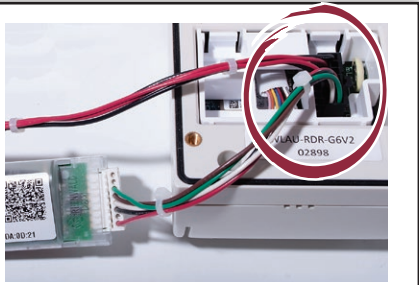


**1** **IMPORTANT:** For seamless installation, set-up room and machine profiles in Greenwald Management System (GMS) prior to device installation. *NOTE: These instructions assume the WaveRider reader has already been installed.* Check included instructions "INS.2486" prior to Greenwald Pay device installation to determine if you have a Quantum Gold Pro Machine. Serial Payment System must be enabled on specified machines.

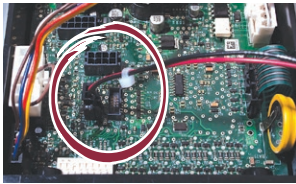
**2** **Disconnect power to machine.**  
Open console panel on machine.  
Disconnect the wire harness from the card reader and plug into the Greenwald Pay Plus harness.



**3** Plug in Greenwald Pay Plus harness into card reader.  
The Greenwald Pay Plus device will now be connected between the control board and the card reader.



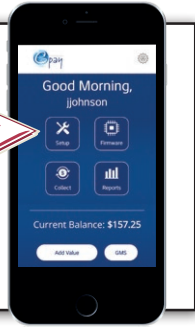
**4** Plug the GPay Plus power cable into the machine control board.



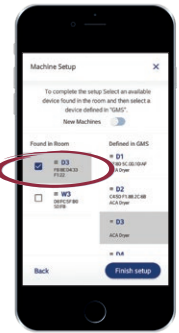
**5** Ensure dip switch #3 is still turned on. Leave all other switches in their original positions (change switch position only with power off).  
Secure the Greenwald Pay Plus device with double-sided tape (included)

**6** Leave console panel open and re-power the machine. After initialization, the Greenwald Pay Plus device will slow blink white indicating device not configured and is ready to be paired with the profiles set up in GMS.

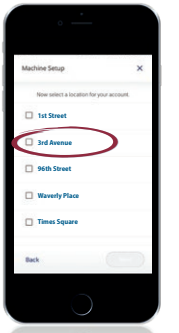
**7** **Configure Machines**  
Login to the Greenwald Pay app using your admin credentials > Select "Setup"  
*Note: Machine Profiles must be configured in GMS, before you can pair the machines*



**8** **Select your account**



**9** **Select your location**



**10** **Choose machines to pair**

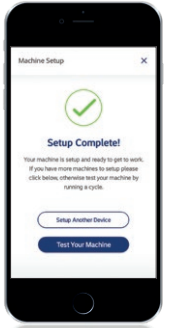


**11** **Label each washer and dryer with machine number labels as you configure each machine**



*Note: MAC address on device and in app must match for machines to be paired correctly.*

**12** **Repeat for each machine**



**13** Close all machine console panels and the install is complete.  
Call Greenwald Customer Service for additional help 800-221-0982