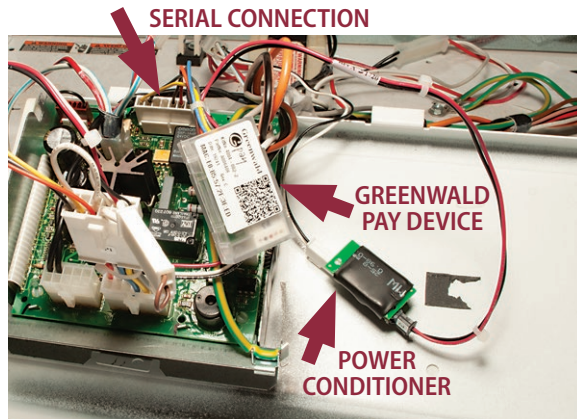


## INSTALLATION DIAGRAM

The Greenwald Pay Plus device installs in-between the machine control panel and coin drop.



### GREENWALD PAY 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 serial (pulse) jumper<br>Check all wiring<br>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. |

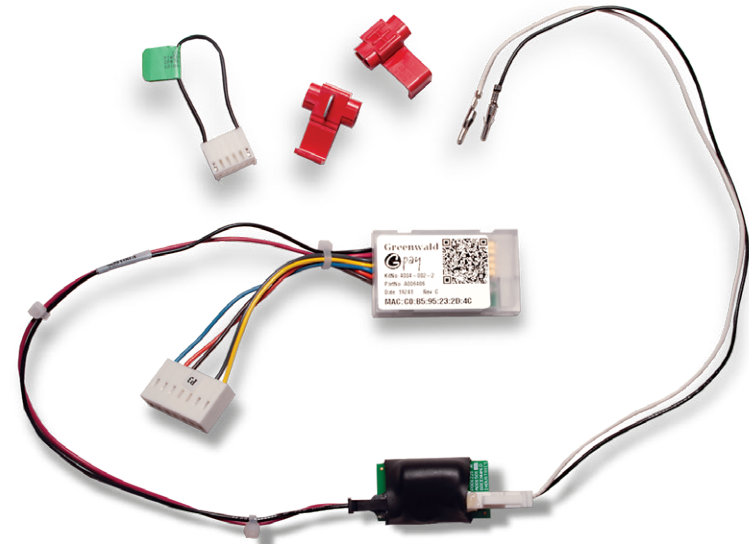
EN20-110



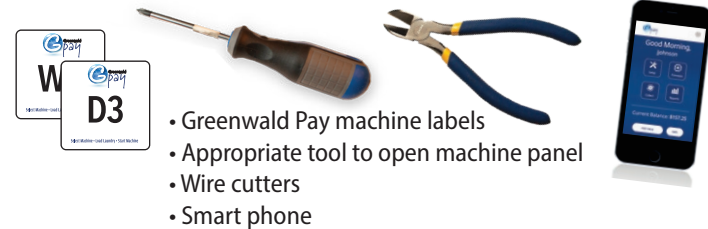
Greenwald Pay  
Installation Instructions  
MDC/QTМ Machines

**Kit #: 4004-002-2**

INS. 2472-4 Rev A



### Tools Needed for Installation



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

### Greenwald Industries

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



1

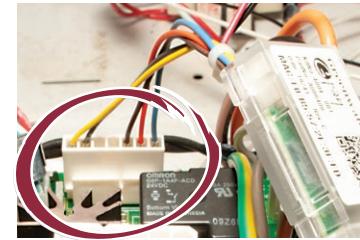
**IMPORTANT:** For seamless installation, set-up room and machine profiles in Greenwald Management System (GMS) prior to device installation.

2

**Disconnect power to machine.**  
Open console panel on machine.

3

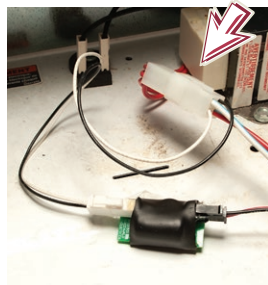
Plug the serial plug of the Greenwald pay device into the machine control board serial port. This is how the Greenwald Pay device will communicate with the card reader.



4

Locate machine power supply transformer and disconnect output power connector.

Install power tap into machine connector. (Push pin in with thumb and forefinger) Polarity does not matter. Reassemble power connectors. Secure power tap down with double sided tape (included).



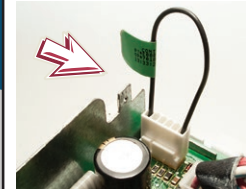
5

If power supply connector is full, use the IDC splices to attach the power cords.



6

Ensure serial (purple) jumper is plugged in



7

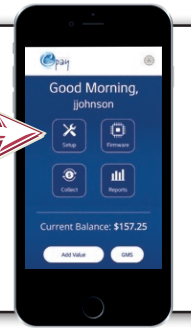
Leave console panel open and re-power the machine. After initialization, the Greenwald Pay device will slow blink white indicating device not configured and is ready to be paired with the profiles set up in GMS.

8

**Configure Machines**

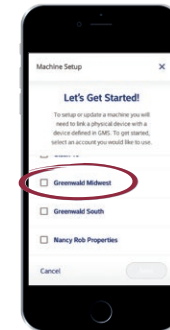
Login to the Greenwald Pay app using your admin credentials > Select "Setup"

*Note: Machine Profiles must be configured in GMS, before you can pair the machines*



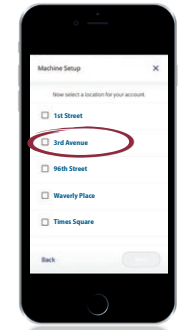
9

Select your account



10

Select your location



11

Choose machines to pair



12



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.*

13

Repeat for each machine



14

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