

Whirlpool/Maytag Mechanical Timer – Installing the Airwallet PRO330 Device

This document will walk you through the process of installing your Airwallet PRO330 harness to your Whirlpool/Maytag mechanical timer machine. This guide is for the following machines:

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What is needed:

- Airwallet Pro330 Unit
- 2-pole Relay (supplied by Airwallet)
- RED 3M 351K Crimp Connectors
- BLUE Male spade crimp connectors
- Wire nuts or WAGO connectors
- 18GA stranded wire or equivalent

Airwallet Pro330



Installation Video

[Coming Soon!](#)

Recommended Dashboard Setup

Variable → Pulse operated → User Start Time

Pulse length: Pulse for cycle time (example: 30 Minute Cycle) If keeping timer, Set time to match existing timer.

Pulse repetition: 1

Busy signal: None

Busy Time: Match cycle setting above

Installing Airwallet PRO330

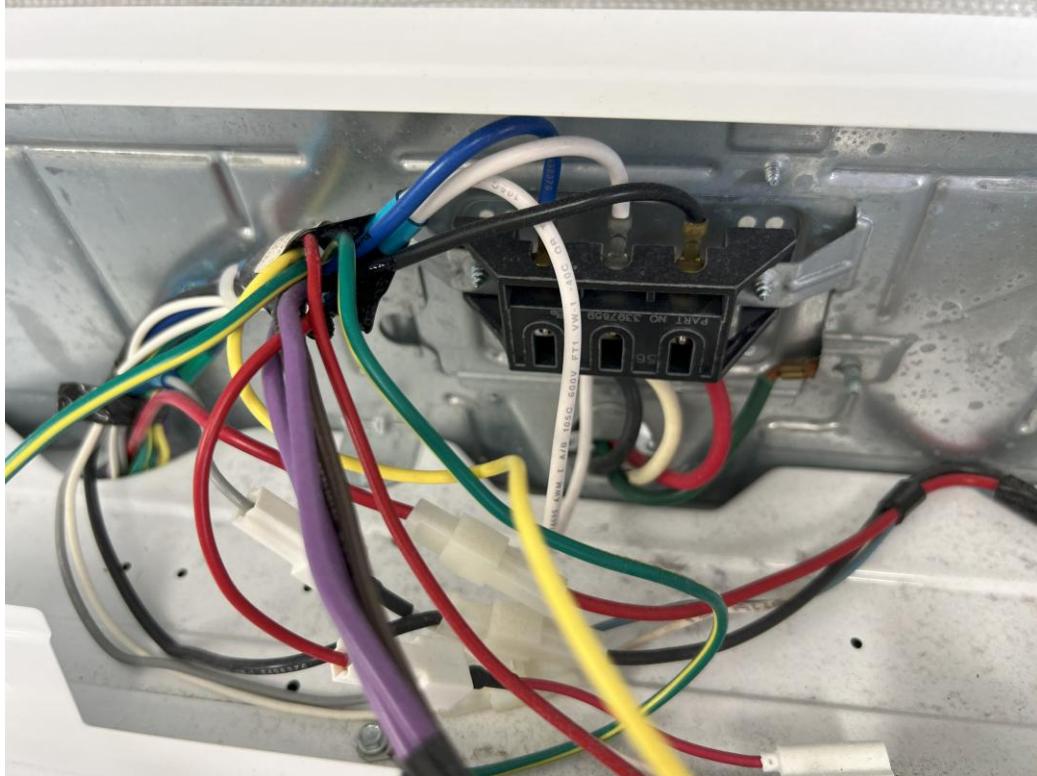


WARNING! Disconnect power or turn off breaker prior to performing this installation.

1. Power down the machine by unplugging or turning off the breaker.
2. Open the front control by removing the T20 security torx screws on either side of the panel. **!CAUTION!**
Take care not to pull on the wires connected to the panel as they may be damaged.
3. Using the Whirlpool key, open the coin vault access door.

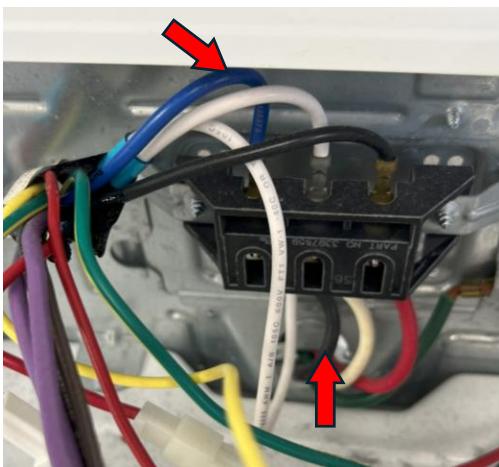
Connecting Power

1. Locate the power connection block inside the control panel usually mounts on the rear wall of the cavity.

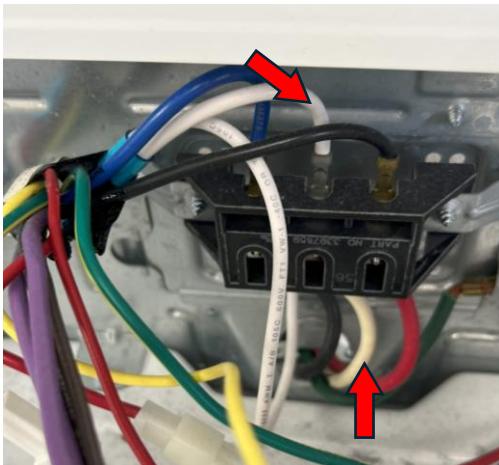


You can also tap into the main power located on the rear of the machine

2. Connect WIRE 1 and WIRE 3 from the Airwallet unit to the BLACK or corresponding wire on the other side of the block.



3. Connect WIRE 2 and the JUMPER wire from the relay to the WHITE or corresponding wire on the other side of the block

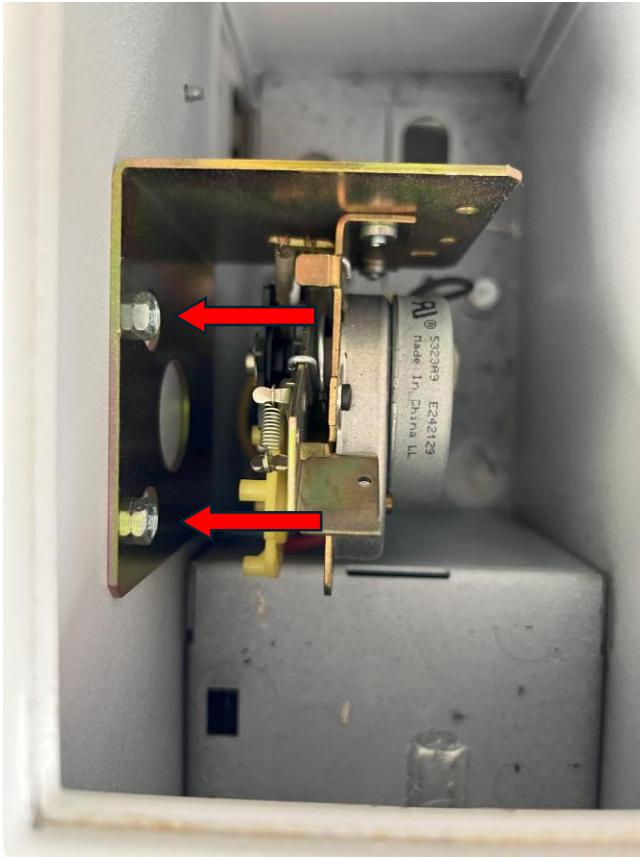


4. This should give you 120v input power. You will be hooking Multiple wires to each connection so be wary of this.

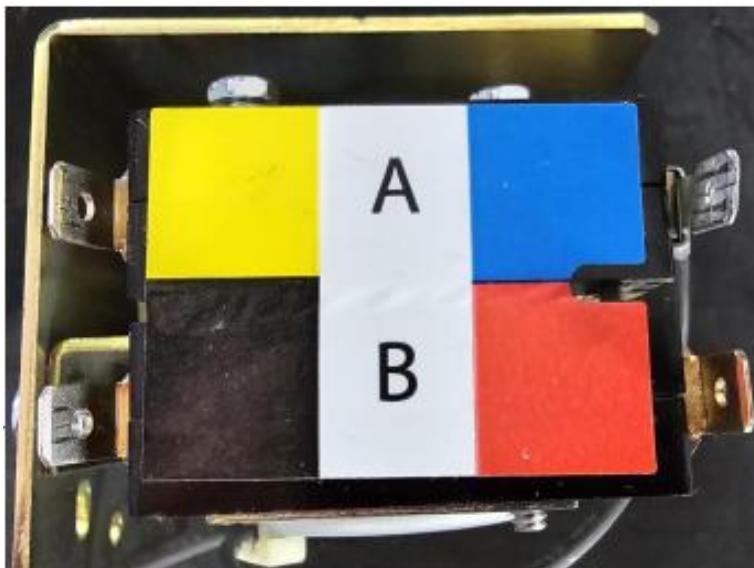
Mount the relay in the control cavity making sure the wires will not contact the chassis and cause a ground short!

Version 1 Mechanical Timer (Most Common)

1. Locate the timer mounted inside the vault and loosen the two (2) screws holding the timer to the vault. You do not need to remove the screws, simply loosen them and slide the timer up and out to remove.



2. Flip the timer over to expose the timer switch wires.



3. The wires are color coded: RED, BLUE, YELLOW and BLACK. The wire colors may vary by manufacturer, but the pin locations will remain the same.
4. WIRE 4 from the Airwallet unit should connect to TERMINAL 1 on the relay.
5. The JUMPER WIRE coming from the neutral or WHITE incoming power connection, should be connected to TERMINAL 0

Keeping the Coin Slide (Tapping Timer Wires)

1. If you are going to keep the COIN SLIDE, you will need to tap into the corresponding wires and run technician supplied wires to the included relay. DO NOT disconnect the wires from the timer.
2. Tap into the wires and run the wires to the control panel area where the Airwallet unit will be mounted.

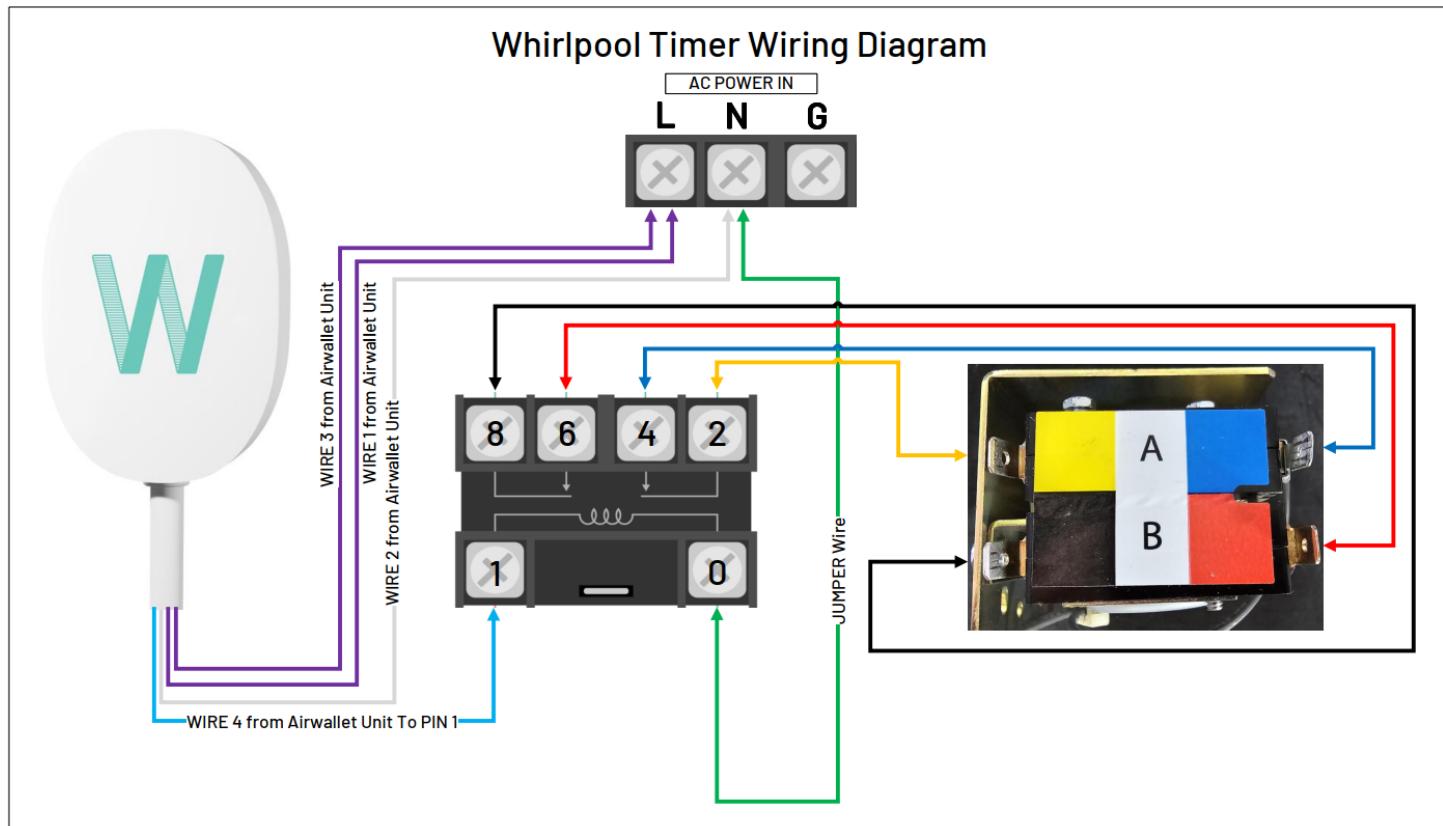
DO NOT MOUNT THE AIRWALLET UNIT IN THE VAULT!

3. Using the Diagram below, connect your new extension wires to the relay. For reference, the color sequence is: BLACK to 8, RED to 6, BLUE to 4 and YELLOW to 2

Removing the Coin Slide (Removing Timer Wires)

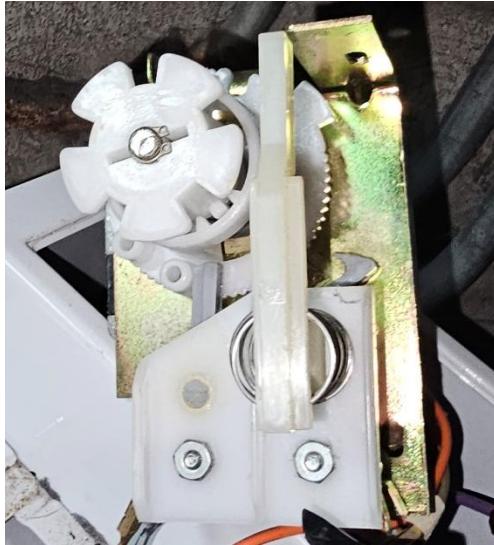
1. If you are removing the COIN SLIDE, you will need to unplug the wires from the timer and connect them to the relay. **If the wires are not color matching on the timer, you will need to make note of what wire is connected to which terminal. This is critical to continue with the installation.**
2. Using the Diagram below, connect colored wires from the timer to the relay. For reference, the color sequence is: BLACK to 8, RED to 6, BLUE to 4 and YELLOW to 2

Wiring Diagram



Version 2 Mechanical Timer (Not Common But Old)

This timer can be easily identified by the WHITE plastic cogs and gears. Installation on this model is very similar to the version 1 of the timer though the wire colors and locations of wires are different and may vary.



1. Remove timer and locate the timer switches, mounted on the bottom of the timer.



2. The wire colors are different and should be as follows: RED, ORANGE, PURPLE and YELLOW with BLACK stripe.

Keeping the Coin Slide (Tapping Timer Wires)

4. If you are going to keep the COIN SLIDE, you will need to tap into the corresponding wires and run technician supplied wires to the included relay. DO NOT disconnect the wires from the timer.
5. Tap into the wires and run the wires to the control panel area where the Airwallet unit will be mounted.

DO NOT MOUNT THE AIRWALLET UNIT IN THE VAULT!

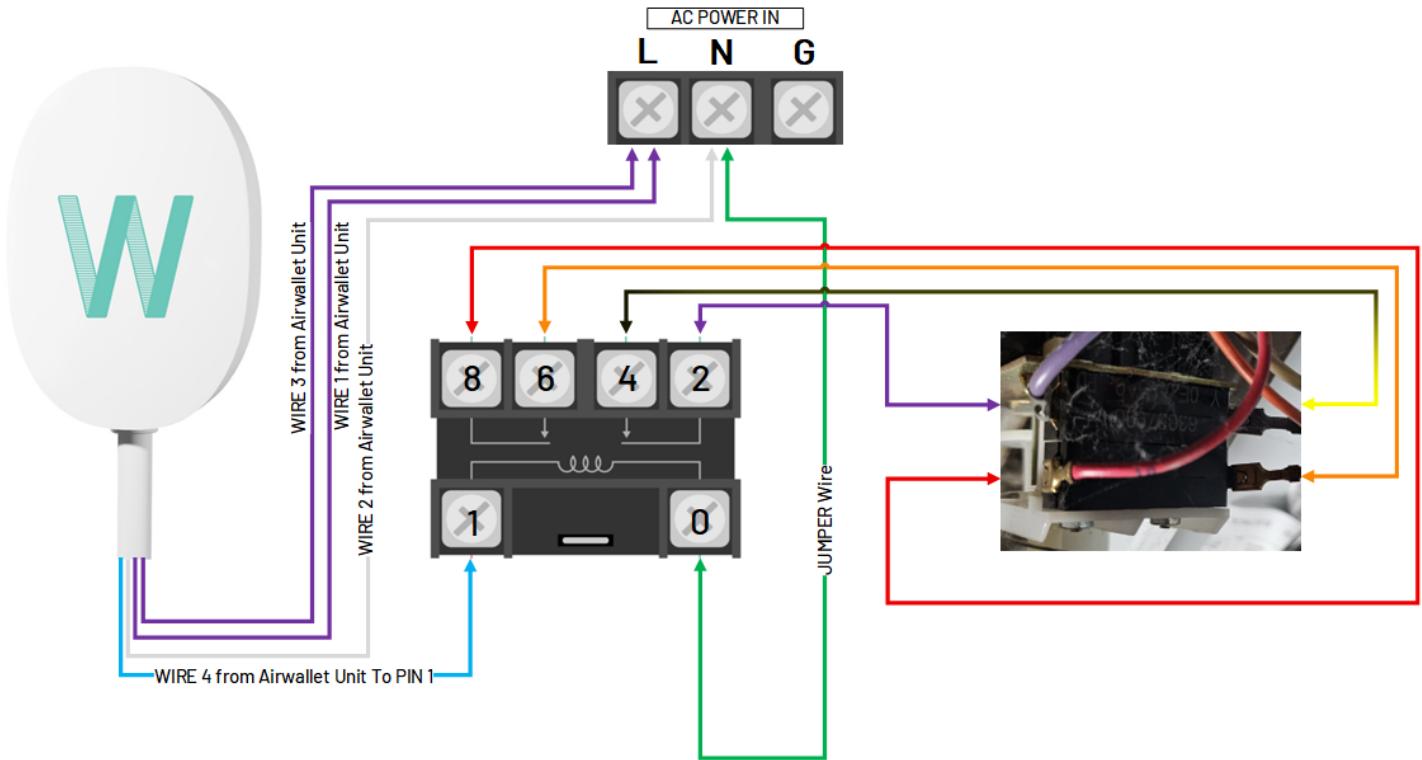
6. Using the Diagram below, connect your new extension wires to the relay. For reference, the color sequence is: RED to 8, ORANGE to 6, YELLOW/BLACK to 4 and PURPLE to 2

Removing the Coin Slide (Removing Timer Wires)

3. If you are removing the COIN SLIDE, you will need to unplug the wires from the timer and connect them to the relay. **If the wires are not color matching on the timer, you will need to make note of what wire is connected to which terminal. This is critical to continue with the installation.**
4. Using the Diagram below, connect colored wires from the timer to the relay. For reference, the color sequence is: RED to 8, ORANGE to 6, YELLOW/BLACK to 4 and PURPLE to 2

Wiring Diagram

Maytag Old Timer Wiring Diagram



Dashboard Setup

1. If the Dashboard programming has not been done prior, make sure to note the serial number or take pictures of the label on the bottom of the PRO400 unit.



2. Mount the Airwallet unit inside the machine using the mounting tape. It is recommended to mount the reader inside the front panel close to the control board or on the outside back of the machine to ensure a quality connection.
3. Once you have confirmed all connections are made, and the serial numbers are gathered you can reassemble the machine and proceed to the software setup.