

Counters and Wiring

Welder Manufacturing carries 2 style of counters, the Calculator Counter and the Pierce Digital Counter.

Both Counters are revolution counters.

Both Counters must be calibrated to ensure accuracy of the amount of feed your feeder is delivering to your livestock.

The Calculator counter is an older technology, it is a converted Cannon Calculator that is solar powered. The calculator is a workable system that encounters many problems. We do our best to support that system for the near future, but it will be retired soon. The Calculator Counter systems is not available on new Cake Feeder

The Pierce Digital Counter is our go to counter. It is very user friendly and very easy to read and is powered by your power point in you pick up cab.

Pierce Digital Counter



Calculator Counter



Pickup Side Digital Plug Kit

All Styles of Full-Size Welker Cakers take the same wiring kits.

You will have either a Plug Kit or you are Hard Wired/Regular wire.

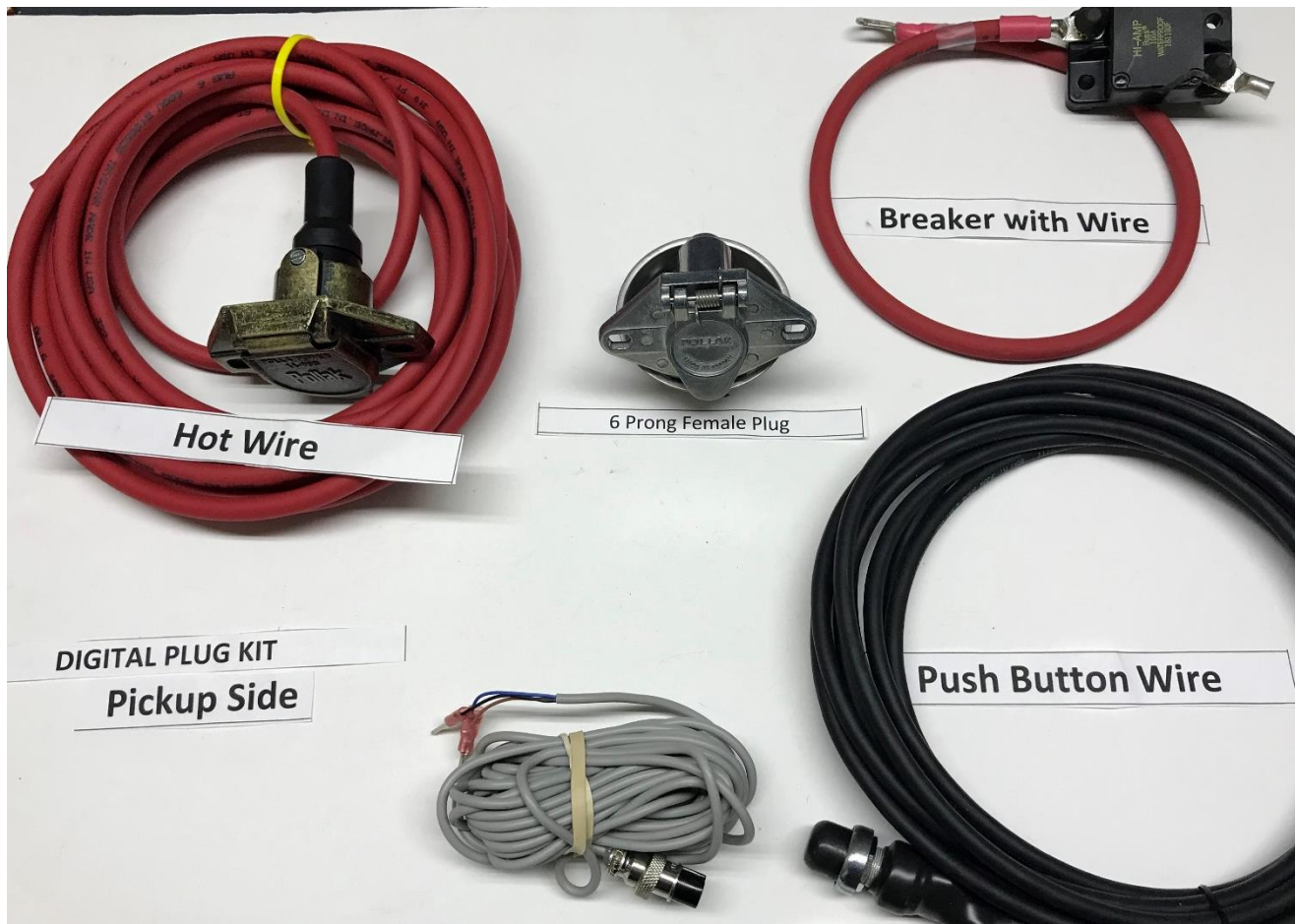
Plug Kit: means you are connected at the headache rack or box of the pickup buy 2 plugs.

One will be the Gold Power plug and the other will be a 6 prong or 4 prong trailer plug.

One half of the wiring stays with the pickup, one half stays with the caker unit.

Hardwire/Regular Wire: means you are wired from the caker to the pickup cab in one continues wire, with no plugs in the middle.

PickUp Side wiring Harness



Hot Wire with Female Gold Plug

Breaker and Wire

Push Button Wire

Sensor Wire (Either Digital or Calculator)

6 Prong Female plug for Digital System

4 Prong Female plug for Calculator System



Pickup Side Hot Wire



Breaker with Wire



Pickup Side Push Button Wire



Pickup Side Digital Sensor Wire



Pickup Side Calculator Sensor Wire

Caker Side Plug Kit

Caker Side wiring harness are built and installed on your caker prior to your purchasing the caker. However, you can purchase individual wires as needed.



Hot Wire with Ground Wire attached

Push Button Wire

Either: A Digital Sensor Wire or a Calculator Sensor Wire



**Caker Side Hot Wire
with Ground wire Attached**



Caker Side Ground Wire



Caker Side Push Button Wire



Caker Side Digital Sensor Wire



Caker Side Calculator Sensor Wire

Digital Counter

6 Prong Male / Female Plug

Digital Sensor	
Brown	TM or T
Black	GD or G
Blue	LT or L
Push Button	
BLACK	AS or S
White	RT or R

Calculator

4 Prong Male / Female Plug

The lettering for the terminal on the plugs is at the screw head!

Calculator Sensor	
Black	R
White/Clear	W
Push Button	
Black	B (silver terminal)
White	G

Regular/Hardwire wiring Harness



Regular Wire Wiring Harness DOSE NOT INCLUDE Counter

UTV Wiring

UTV cake feeder are not equipped with Calculator counters. The Pierce Digital counter works very well with this feeder, however with it size you could operate it without a counter system.

UTV Side Digital Counter Plug Kit





Caker Side UTV Digital Plug Kit



