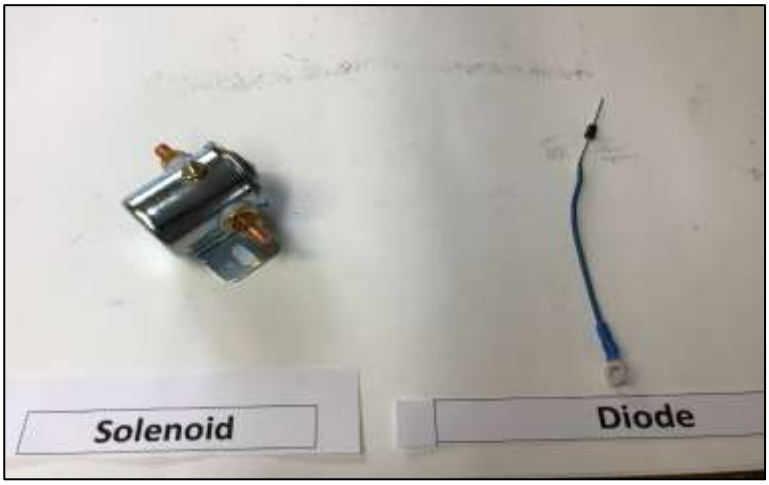
Welker Cake Feeder Motor Issues Troubleshooting

My motor is losing power and running slowly and lugging down.

Check your bearings on your rollers, they should be clear of any twine, or wire or dirt. If they are turning freely, what are you using for a hotwire?

We have found you really do need the Heavy Welding Cable that was original to your caker to carry the proper voltage to the motor.

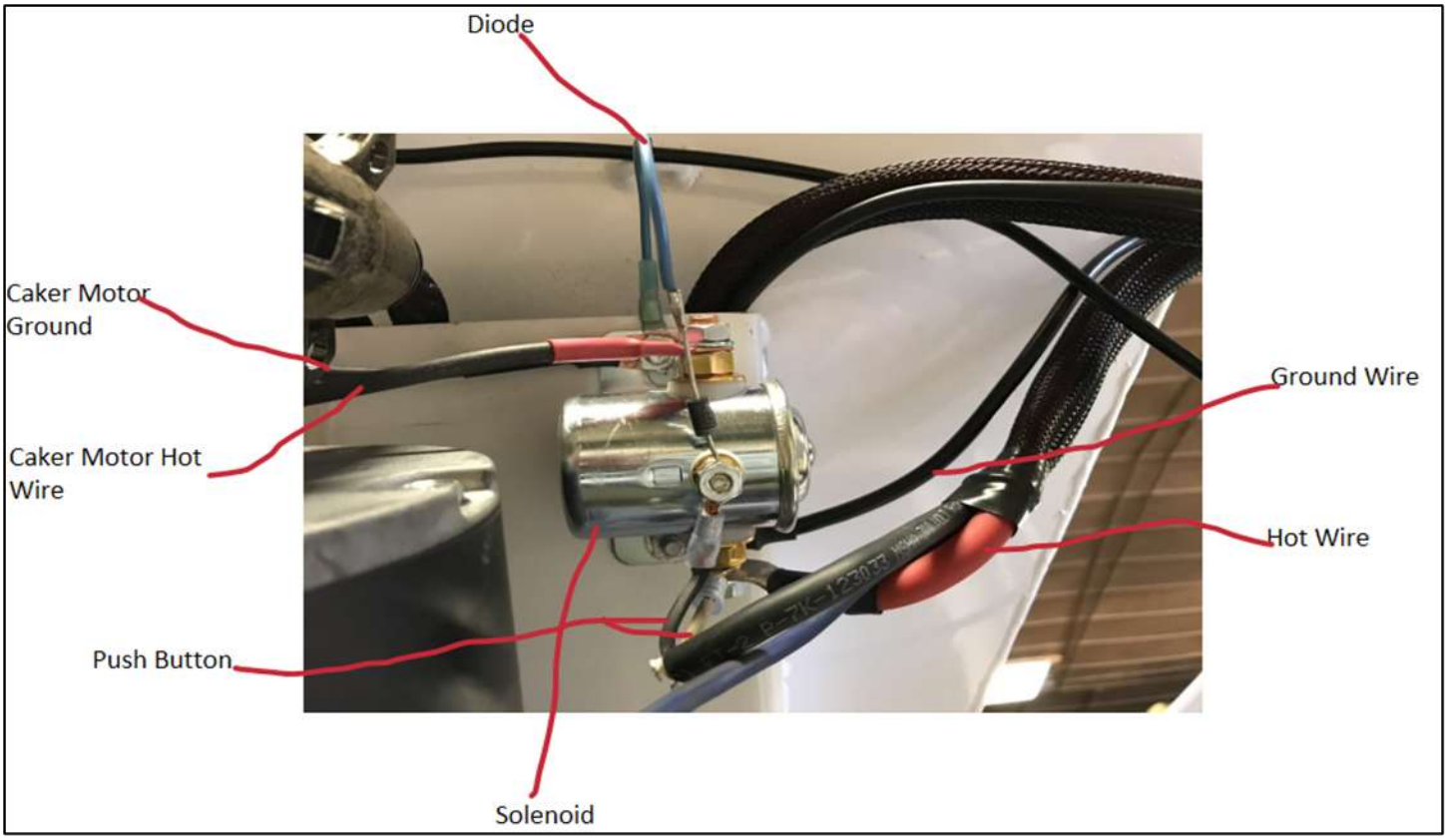


The Diode is an electrical shock absorber. We recommend all cake feeders have a Diode. You will find the Diode attached to the solenoid.

Installing cake feeder for the season & I can't get it to run.

First test to make sure that the motor is in working condition. To do this you need to disconnect the Hot Wire on the caker from the solenoid and touch it to the Hot wire post on the motor. If the motor runs the motor is fine, it may be the solenoid or the push button. Reconnect the hot wire to its original post.

Next test the push button by creating a jumper wire from the smallest post on the solenoid to the post on the solenoid where the hot wire from the battery connects.



<u>Motor runs</u>: Bad push button, or damaged push button cord

<u>Solenoid clicks</u>: Bad ground

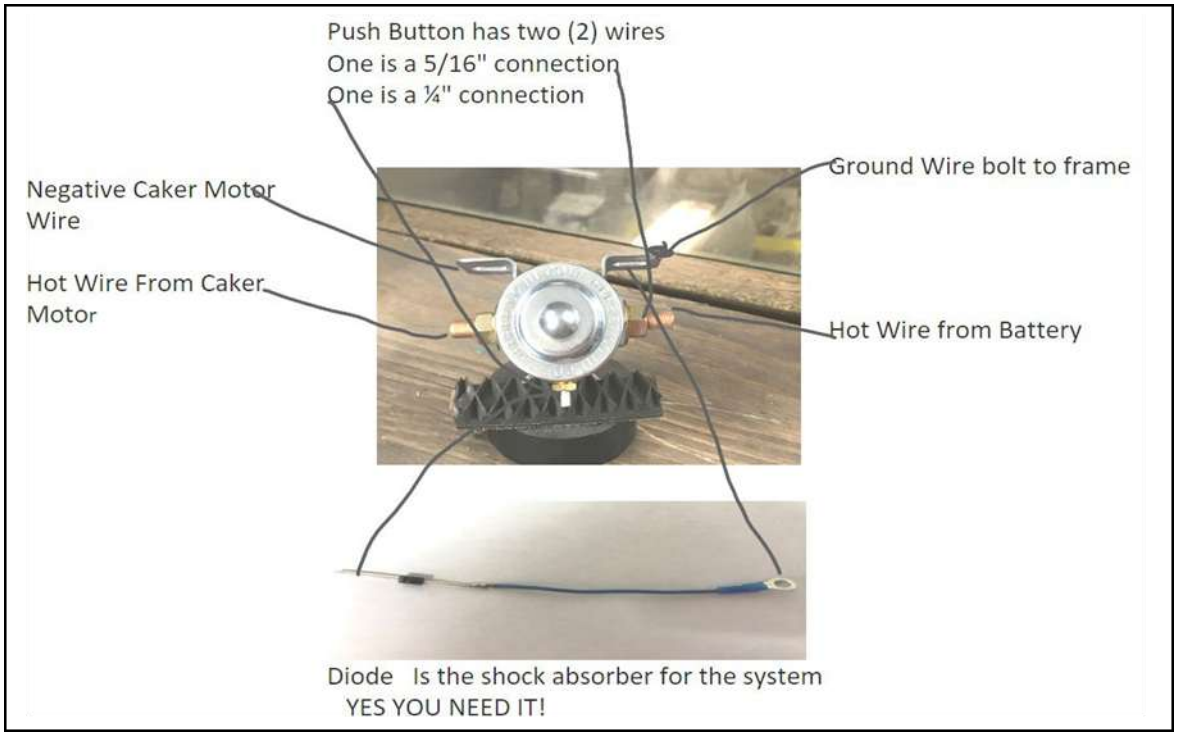
<u>Nothing happens</u>: Bad Solenoid, or no ground

<u>Cake Feeder won't start; solenoid only clicks!</u>

You most likely have an incomplete or bad ground. Your first step is to test this by taking a set of jumper cables, then finding a clean, rust and paint-free spot on the cake feeder. Connect both clamps from one end of the cables here, then connect the opposite end of the jumper cables to your pickup frame. If your cake feeder then begins to work normally, you have a bad ground. Check to ensure that your plugs are bolted securely where you have chosen to mount them. If the plugs are not secure, an incomplete ground can occur. Check for any ice or mud, or rust build-up that could be impeding the ground as well.

To alleviate your bad ground issue, you can install a quick jumper wire on your female gold plug,

if you have a plug kit. Simply put a new ground on with an eyelet and bolt it with the mounted plug, and the other end of the wire to your pickup frame. Your plugs, when connected, will ground back to your pickup.



<u>My push button gets hot when I use it!:</u> All the power for your system is going through your push button!

- Connect the Solenoid to the caker with two ¼" bolts.
- To the top 5/16" bolt on the solenoid: connect the caker motor hot wire (RED HEAT SHRINK ON EYELET).
- To the bottom 5/16" bolt on the solenoid: connect Heavy Red Wire coming from the gold plug and the 5/16" eyelet from the push button wire.
- To the small ¼" connection on the Solenoid: connect the wire end of the diode and the small eyelet from the push button.
- To the top Solenoid frame bolt: connect the eyelet on the diode and the caker motor ground wire (BLACK HEAT SHRINK ON EYELET).

My Breaker keeps tripping!

This could mean you have a bare wire somewhere in the pickup or caker wiring. We use a 100AMP breaker for our cake feeders. We can send you the breaker itself, or the breaker with 24" of wiring that is used to connect it to the battery.

We recommend this breaker as the best-performing option. We keep these in stock at our office for immediate availability. To place an order, please call us at (402) 966-2251.

Have you tried everything and are still experiencing issues? Please call our office at (402) 966-2251 for assistance.

A picture is worth a thousand words. Please send any photos you may have to our office cell phone at (402) 389-1314.

See more of our trouble shooting and parts pictures on our website:

www.weldermanufacturing.com

Thank you all for your business with our small-town operation!

We work HARD for you!