

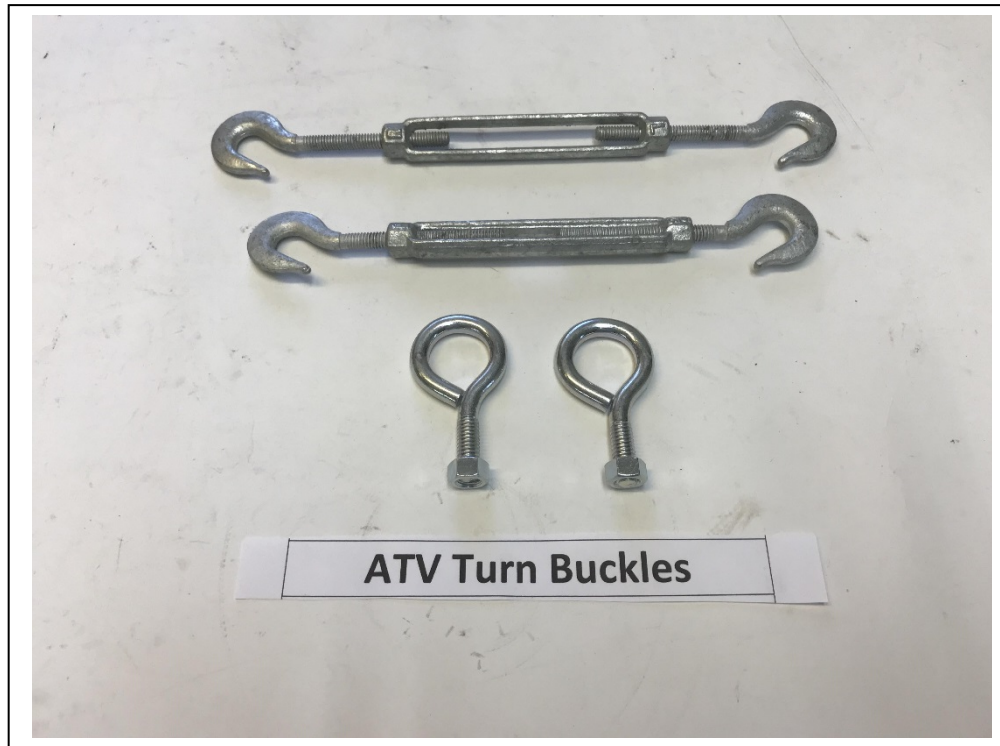
Welder MFG LLC
P.O. Box 28
Kilgore, NE 69216
Phone: 402.966.2251
Fax: 402.966.2251
Weldermanufacturing.com

ATV

No Counter Manual



MOUNTING CAKE FEEDER



- You will need 4-3/8" X 3" Eyelet and 4- 5/16" Hook to Hook Turnbuckles and 8 Nuts.
- Locate your tie down hook points in your ATV box.
- Position caker in the ATV box.
- Screw the turn buckles to their maximum length, attach the turn buckle to the hook point in the ATV Box, and determine the height of your eye bolt.
- Drill a hole in the leg of the caker.
- Place one nut on the eyelet, place eyelet through the hole in the caker leg, (eyelet loop on the outside,) and place a nut on the eyelet to tighten (You will have a sandwich effect on the leg), hook your tun buckles in, and tighten everything into place.

CAUTION ATV Feeder SHOULD NOT be operated on unlevel terrain!!



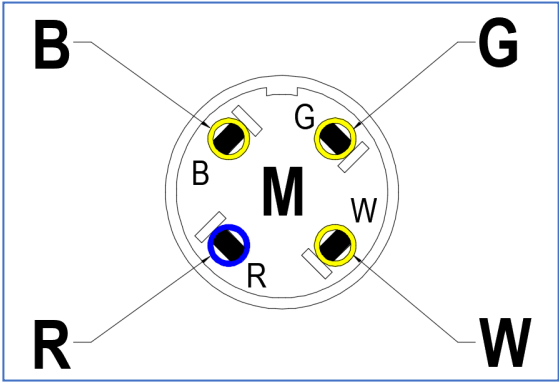
ATV Side Wiring Installation

You will only be wiring the ATV (female) side of your ATV. When you are finished you will only need to unplug one plug to remove your cake feeder from your ATV.

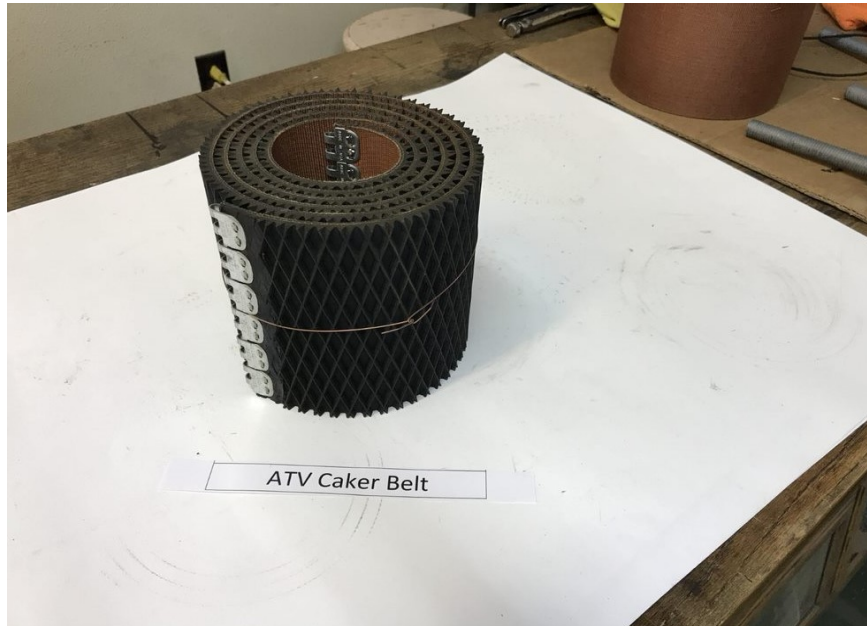
Mount female receiving end of plug to the bed of your ATV in the vicinity of the male plug on the feeder. You will want enough space in the box for easy connection and disconnection.

- a. Run the red-hot wire to battery compartment of your ATV.
- b. Attach the eyelet that is on the in-line-fuse holder to the (**Positive** terminal of your battery).
- c. Attach the ground wire to (**Negative** Terminal of your battery).
- d. Run your push button cord from the cab of the ATV to the female silver plug.
- e. Follow the chart below to assemble your Female Plug.

Ground Wire		B
Hot Wire	Red	G
Push Button		
	Black	R
	White	W



Belt



ATV belt is 6" wide X 78" Long

Belt Tracking off center

Your belt has been aligned correctly at installation.

As you use your feeder, your belt may start to shift to one side.

Make sure drive roller is clear of any twine or other obstructions to prevent shifting.

Should your belt start to get off center:

Determine which side your belt is moving toward

The Belt will shift away from tight side, so you may need to switch bearing cages back and forth to feed belt into tube square again.

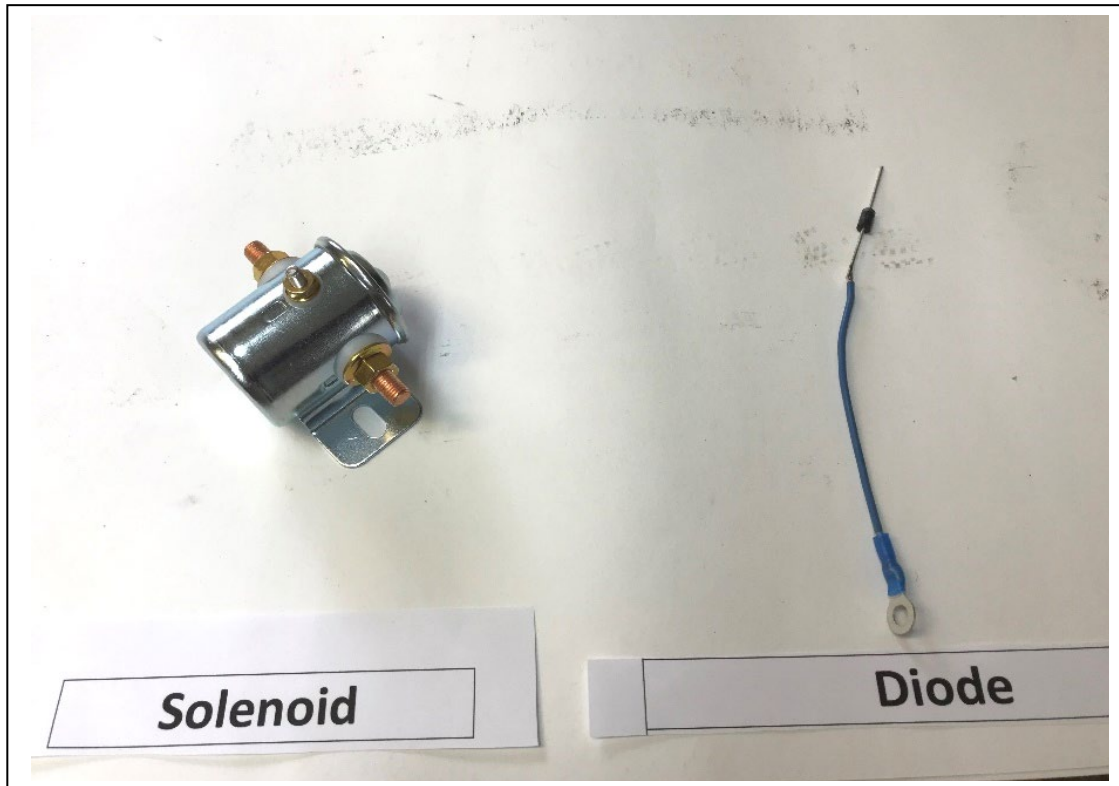
Take a 1 1/8" wrench to the 3/4" ready bolts on the bearing cages, loosen the nut on the bearing cage, on the side the belt is moving toward, and tighten, the nut on the bearing cage, on the side the belt is moving away from. This will cause the belt to travel back into place and you will be able to shift the belt square again.

ATV Motor Gear Box Combo



This unit runs on a 1/8 HP 12 Volt motor/gear box combo, connected to the ATV with the hot wire and an inline fuse holder, with a 20-amp fuse (provided)

Trouble Shooting



The Diode is an electrical shock absorber. We recommend all Cakers have a diode

Installing your caker for the season and it will not run.

First test to make sure that the motor is in working condition.

To do this you need to disconnect the hot wire from the solenoid and touch it to the post where the motor hot wire is. If the motor runs the motor is fine and it could 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 littlest post in the front of the solenoid, to the post where the hot wire from the battery connects.

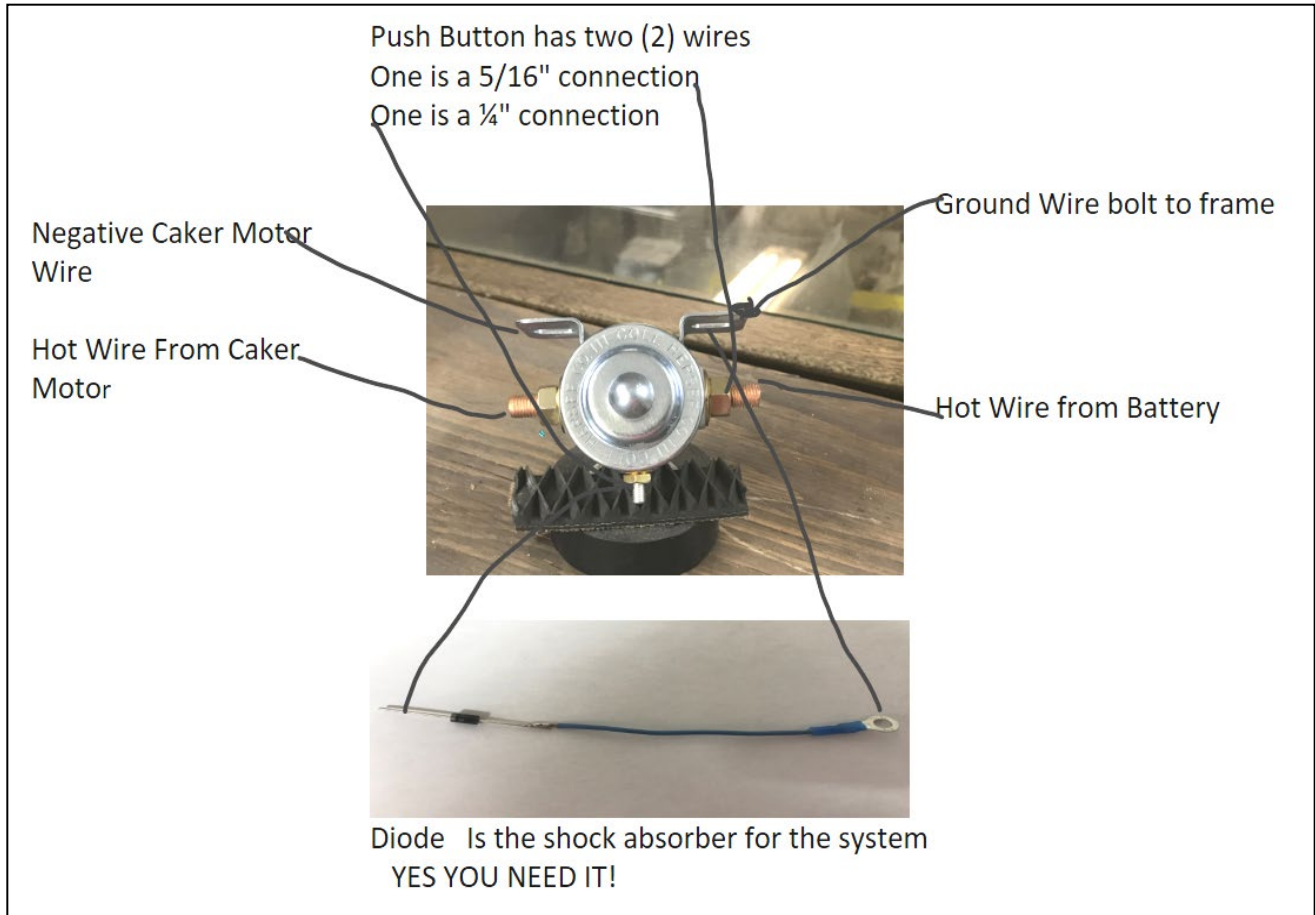
If motor runs Bad push button,

If Solenoid Clicks Bad Ground

If nothing happens Bad solenoids

My Push Button gets hot when I use it:

All the power for your system is going through your push button! You have your solenoid Wired wrong.



1. Connect Solenoid to the caker 2 1/4" Bolts
2. To the top 5/16" bolt on the Solenoid connect the Cake Motor Hot Wire(**Red**)
3. To the bottom 5/16" bolt on Solenoid connect **Red Wire** coming from the **Plug and the 5/16" eyelet from the Push button wire**
4. To the small 1/4" connection on the Solenoid connect the **wire end of the Diode** and the **small eyelet from the push button**
5. To the top solenoid frame bolt connect the **Diode Eyelet** and The Caker Motor Ground Wire (**Black**)
6. To the bolt solenoid frame bolt connect the Black ground wire from **Plug**.

Frequent Q/A:

These feeders are not painted inside, unless a custom order is placed asking for no lid.

We keep a handful of sirens on hand in the office. Please follow the suggested on/off intermittence to avoid burning your siren up.

For any questions you may have, give us a call. Keep up with our website and Facebook page for details, deals, and other products we stock.

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