

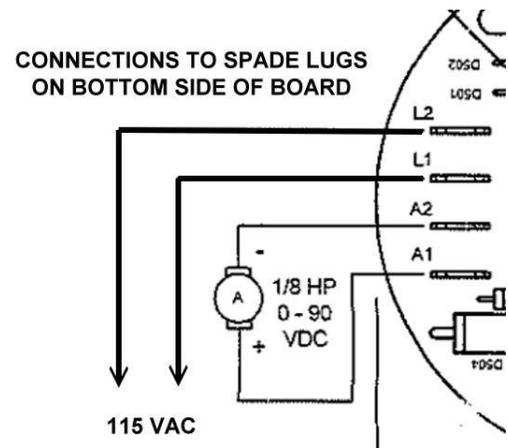


## How to troubleshoot Auto-Grind not working.

One reason for Auto-Grind to not work could be a failed DC Controller in the control panel. This can be easily check by opening up the control panel and locating the L1 and L2 spades on the back of the DC Controller. Using a volt meter set to test for A/C you should see 110v A/C when Auto-Grind is engaged.

If you did not get proper A/C in then you could have a bad Auto-Grind feed switch.

If you have proper voltage there then switch your volt meter over to DC and put the black on A2 and the red lead on A1 you should get from about 40 to 70 volts DC when engaged. If not, then you should replace the DC Controller.



Another possible cause of Auto-Grind not working is a failed Drive Clutch. This is an electric activated clutch pulley on the small Auto-Grind gear motor shaft.

To check this you must remove the cover over the top of the column. With the cover removed, engage your auto-grind and look at the shaft in the center of the auto-grind drive clutch. If the shaft is spinning slowly but the drive gears are not moving while auto-grind is engaged then your Drive Clutch needs to be replaced.

Some other but RARE possible problems are:

The Overload sensor is out of adjustment. This can be see by opening the lower cabinet side panel and looking for the overload sensor. If there is a red LED light on the overload sensor lit up during auto-grind activation then this is preventing the system from moving. It can be adjusted by reducing the sensitivity with the POT on the sensor. (This only happens when someone has tampered with this device)

The Auto-Grind Motor is bad. DC Motors RARELY fail. This will be evident if the Auto-Grind is engaged and the DC Controller is producing proper voltages and you observe that the motor shaft is not turning. If you have verified that all wires are properly connected, then you should suspect a bad motor. Also, be aware that when a DC motor goes bad it frequently also damages the DC Controller board up in the control panel that is providing the DC electrical current to the motor..