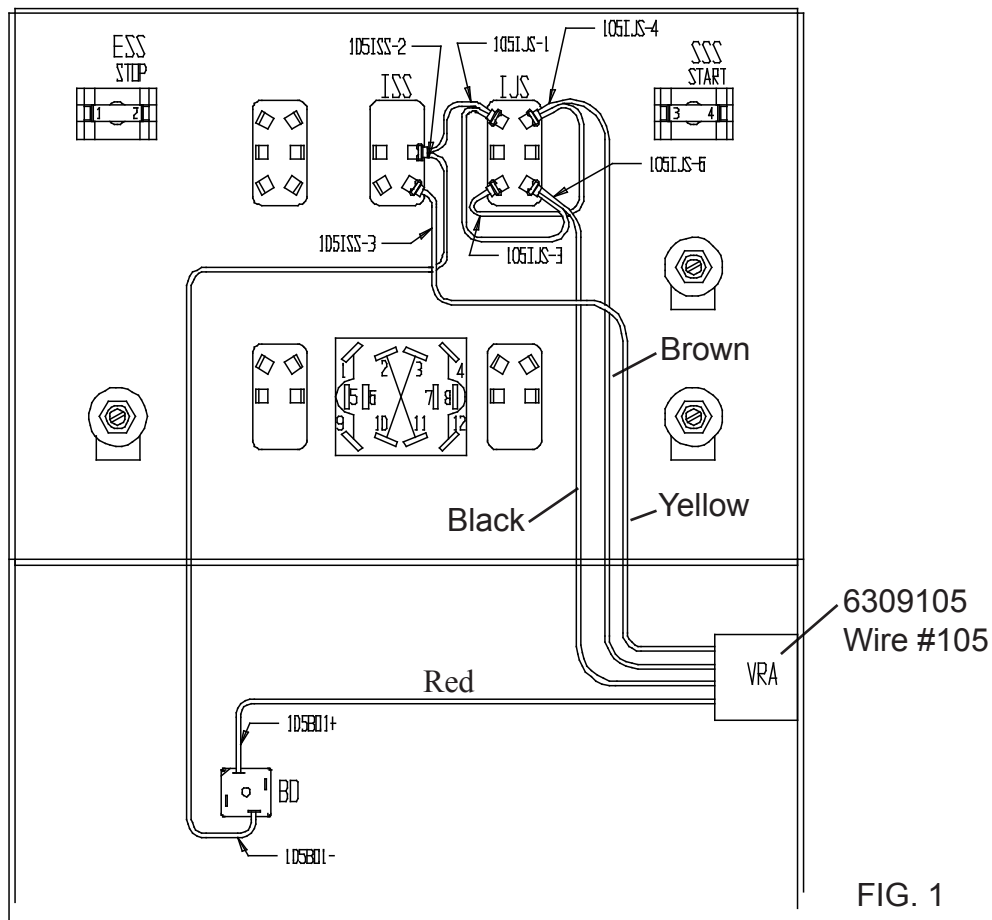




6300510 INFEEED UPGRADE KIT - VOLTAGE REGULATOR INSTALLATION INSTRUCTIONS

ACCU- Pro Spin/Relief Grinders Serial Numbers 1001 thru 1711 have a 33 ohm resistor assembly for the low speed infeed. This resistor assembly has been changed to a voltage regulator assembly (VGA) to achieve a better performance at low speeds.

Before doing any work remove power by unplugging machine. Remove the resistor that is cable tied at the top of the control panel, between the switch rows. Disconnect the wires from the Infeed Selector Switch (ISS), the top and bottom of the Infeed Jog Switch (IJS), and from the + and - sides of the Bridge Diode (BD) with a pliers. Drill two 3/16" (.188) diameter holes on the right side of the electrical box. (See Figure 2.) Attach the new voltage regulator to the side of the control box with the hardware provided. Attach the wires from the new voltage regulator to the switches and bridge diode as shown in Figure 1. Test system for direction and speed.



(OVER)

Steps for mounting the Voltage Regulator Assembly:

- Step 1: Remove power to machine by unplugging.
- Step 2: Remove electrical box front access panel.
- Step 3: Place a towel inside the electrical box to collect the metal shavings that will be made by drilling the mounting holes for the Voltage Regulator.
- Step 4: Locate and drill two 3/16" diameter (.188) holes on the right side of the electrical box. (See Figure 2.)
- Step 5: Clean up any debris and mount the Voltage Regulator to the side using the two #8 screws and nuts provided. (See Figure 3.)
- Step 6: Connect wires according to Figure 1.
- Step 7: Connect power and test operation. If working properly remove power and replace front access panel.

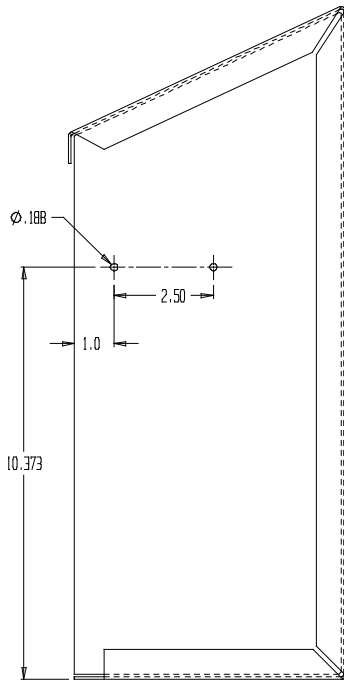


Fig. 2

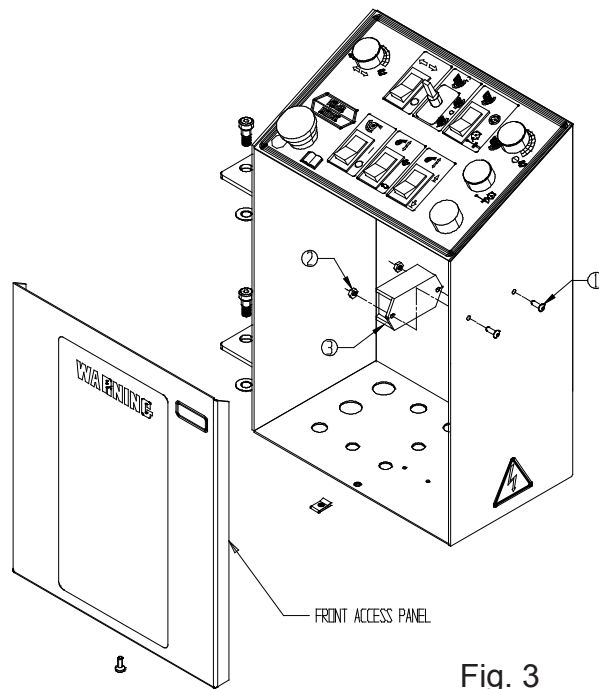


Fig. 3

Parts List

No.	Part No.	Description	Qty
1.	B160807	#8 Socket Head Cap Screw	2
2.	J167000	#8 Locknut	2
3.	6309105	Voltage Regulator Assembly	1