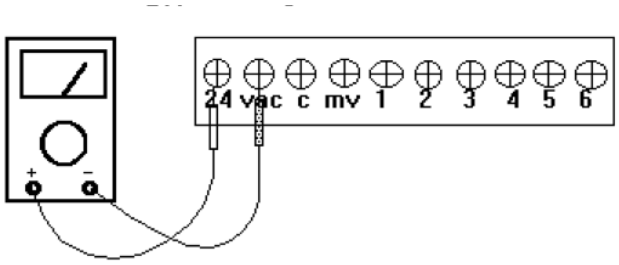
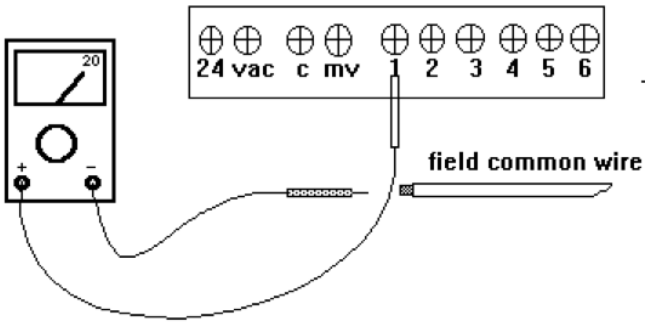
HOW TO USE A METER



Set to AC volts 200 range



Set to ohms Rx1

CHENCKING FOR 24 VOLTS AC

1. set meter to AC
2. set range between 25-150
3. measure the volts at the two 24Vac screws
4. activate station and put the black probe to the common screw put the red to the station screw that is activated
5. voltage should be between 18 and 150 volts

CHECKING FIELD WIRES AND SOLENOIDS

1. set meter to OHMs
2. set range to 200
3. remove the field common wire
4. hold tip of the black probe to field comon wire
5. touch red prove to each station screw that has a station wire on it
6. when measuring each one, a good solenoid will read 12-50 ohm

Readings	Causes	
0-6 Ohms	Short circuit (burns fuse)	Bad Solenoid Bad Wire splice
6-12 Ohms	Slow Burn burns transformer)	Loose wire splice Bad insulation
12-60 Ohms	Good Solenoid	
60-200 Ohms	Slow Burn (dead transformer)	Corroded wire connection