

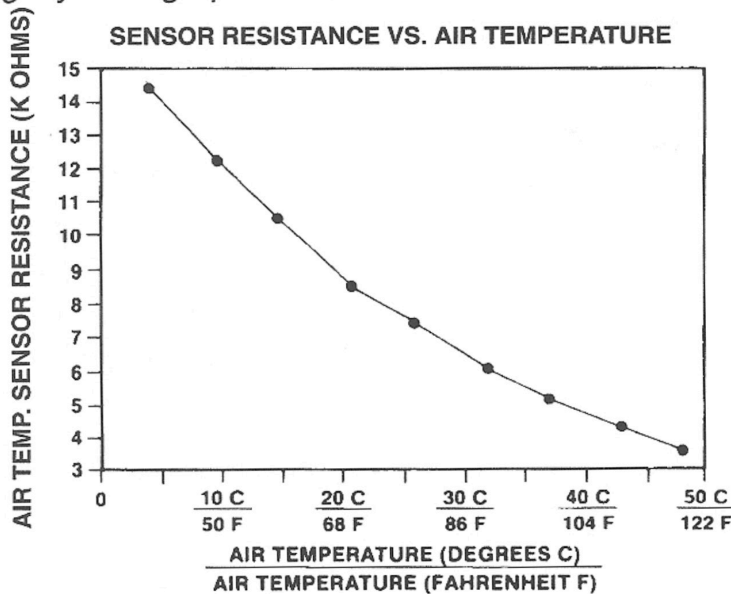
Cold Start Enrichment

The Brucato ACU has cold Start enrichment capability, but it works differently than the Mercury ECU. The Mercury ECU will buzz the injectors, even without engine RPM. The Brucato ACU does not buzz the injectors, but instead, it increases the injector pulse width by 2ms to add extra fuel. If your motor has the yellow/red stripe wire from the engine ECU harness connected to the starter solenoid, you have nothing to worry about, as the enrichment function happens every time you crank your motor.

If your yellow/red stripe wire from the engine's ECU harness is connected to the yellow/black stripe wire from the key switch harness, then your key switch will have a push-to-choke function. When using the ACU, you will need to push the key in WHILE cranking the motor. Just treat it like it was a choke on a carbureted motor.

Unlike the Mercury ECU, it is imperative that the engine's air temperature sensor is functioning correctly. This sensor can be OHM tested using a digital multimeter.

NOTE: Temperature/resistance reading may differ slightly from graph curve.



Results: Resistance does not change inversely with temperature change. Replace defective Air Temperature Sensor.