



SERVICE BULLETIN

0001

Service bulletins are issued by *Maine Energy Systems* at irregular intervals to alert Installers of common issues of installations and are also used to pass information of interest concerning parts replacement that may be considered unusual or unscheduled for boilers already in service.

Subject: Wiring of External Fuel Transport motor or Metering Switch / SMS-M / KGT bag auger motor

Models: All vacuum feed boilers

Problem: Boiler faults after wiring to metering switch or KGT bag auger is completed. "Fuel Trans sys M" shows in the window with the date and time, and the lower area of the display may show "State: Fuel t M".

Solution: Check wiring of the SWS-M (metering switch) or auger motor in the case of the KGT bags. You likely have an error in the 5 wire cable that runs from boiler to storage container / bag, or a bad connection in this area. The 5 wire cable supplied on the boiler and on the SWS-M has the following colors. Black, Slate, Green with Yellow stripe, Blue, Brown. The scenario described is often an open on the black or slate wire. Collectively these two wires form a motor safety circuit which shuts down the vacuum system and displays the message above which under normal operation would indicate an over- heated auger motor. In the case of a boiler equipped with the SWS-M or metering switch these two wires are connected together at the SWS-M or metering switch and still must form a completed circuit for correct operation.

CAUTION!!! These wires are energized whenever the boiler is "ON". Trouble shooting should only be done by competent persons with adequate training and proper safety knowledge.

NOTE: There are certain combinations of errors in this cable that can do permanent damage to the boiler. See SERVICE BULLITIN 0002 for details.