

S2G Step van dying at operating temp



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I recently had a propane powered step van VIN:JF1940 come into the shop with a no crank/no start complaint. First issue was a failed E78 ecm, the 5 volt ref circuit had failed leading to replacement of the ecm, unit would now crank and run but would only run a max of 15 min. I checked my fuel pressures key on fuel pump running and key off static tank pressure and would see about a 80 psi increase with key on pump running, unit would run fine until about 15 mins of run time at which point engine would start to surge and die out . verified fuel pump amp draw 8 amps spec is no more than 10 amps, fuel pressures never drop while engine was dying. Removed fuel lines and flushed them with nitrogen checking for blockaged etc all were clear, evacuated fuel tanks and found 1 of 2 fuel pumps had a hole in the plastic discharge tube which feeds the engine ..Replaced the bad pump and unit now runs great , I came to the conclusion that the damaged fuel pump tube was pressurizing the fuel tank allowing enough pressure to build up and allow the unit to run for roughly 15/20 mins , the fuel pressure was there but the flow was not which would allow the unit to die... this is the first step van I have had with a fuel pump that has failed in this way , as well as the first for the guys in the call center at FCC

Tags: gm 6.0, fccc s2g, fccc mt-45g or mt-55g van