

Tech Tip

FROM YOUR FRIENDS AT
NEW YORK BUS SALES!



Blue Bird BBCV (Vision)/GM 8.1L Propane Engine

Low RPM Stumble and Poor Running

Complaint – The engine stumbles at lower RPMs, there are NO Check Engine Lights and hooking to a scan tool shows NO active or logged codes.

Cause – The spark plug gap should be checked. We have found that when the plugs are removed the electrode of the plug is basically “GONE” (SEE FIGURES #1 & #2) In diagnosing what could have caused the failure we have determined that a “LEAN” condition would cause the additional heat that would burn the electrode out. This lean condition quite possibly is caused by drivers who do NOT wait for the “Wait to Start” light to go out and try starting the engine before the lines have purged gaseous propane.

Correction – Remove spark plugs and check gap and electrodes. If electrodes are “burnt” then replace. If the electrodes appear to be good, check gap. Proper spark plug gap is .060.

Educate the driver on the proper starting procedures for the vehicle.



Figure #1



Figure #2



Contact Our Service Department With Any Questions

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<http://www.newyorkbussales.com/pages/bulletins.cfm>

Or at the New York Head Mechanic website at

<http://www.nyhma.org/viewforum.php?f=2&start=0>