

[Select Vehicle Reference](#) | [New TSBs](#) | [Technician's](#)Component Search: [Conversion Calculator](#)**1985 Chevrolet Corvette V8-350 5.7L**[Vehicle Level](#) → [Engine, Cooling and Exhaust](#) → [Engine](#) → [Idle Speed](#) → [Technical Service Bulletins](#) → [All Technical Service Bulletins](#) → [Fuel - Minimum Idle Speed Revision](#) ←**Fuel - Minimum Idle Speed Revision**[Notes](#)

85-91

6

MAY, 1985

Subject: MINIMUM IDLE SPEED REVISION

Model and Year: 1985 CORVETTE WITH AUTOMATIC TRANSMISSION

TO: ALL CHEVROLET DEALERS

Some 1985 Corvettes equipped with the L98 5.7L engine and automatic transmission may not be able to maintain the minimum idle speed.

Below minimum idle speed is most likely to occur when the vehicle is traveling less than 5 mph and the T.P.S. reading is equal to or less than 2%. When these conditions are met, the I.A.C. valve will try to control the engine speed to the idle command speed and may "learn" itself to the zero position. When the I.A.C. valve is seated, the only air entering the engine is the air passing around the throttle plates. This air is referred to as "minimum air" and is factory set to allow an engine speed of 400 RPM.

If the throttle is closed while the I.A.C. valve is seated, the engine may stop running, since the only air entering the engine is that allowed by the minimum air setting.

This condition can be repaired by resetting the minimum air rate to 500 RPM. The procedures to be followed for this repair are detailed in Section 6E3-91 (minimum air rate adjustment) of the 1985 Corvette Shop Manual.



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1985 Chevrolet Corvette V8-350 5.7L

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PROM - Low Idle Speed

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Number: 85-186

Section: 6E

Date: MAR., 1986

Subject:LOW IDLE SPEED AND LAUNCH STALLS

Model and Year:1985 CORVETTES WITH MANUAL TRANSMISSION

Some 1985 Corvettes with manual transmission may experience complaints of low idle speed and launch stalls. If these complaints occur it will be necessary to replace the ECM calibration PROM.

This new PROM, P/N 1227806 raises the idle speed to 750 RPM.

Use applicable labor time and operation number.