



Technical Bulletin

9/03

Engine Drone Noise On 1999-2001 GM 2.2L VIN 4 Engines

AERA members have reported an engine drone noise on 1999-2001 GM 2.2L VIN 4 engines. This condition is most noticeable on manual transmissions or during cold starts as the engine RPM passes 950 RPM.

The accessory belt going into a natural resonance between the A/C compressor and the generator at approximately 950 RPM may cause this condition. To correct this problem, Gm has a revised belt that is made of a different material. This belt can be purchased under Part #12575450.

When installing the drive belt, route drive belt over the pulleys and over the air-conditioning pulley if equipped. Using a 15mm wrench, rotate the belt tensioner clockwise and slide the belt onto the generator pulley and release the tensioner. Tighten bolt to 12 ft/lbs.

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