

# Technical Service Bulletin

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**GROUP:** Electrical

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**SUBJECT:**

Engine Cranks But Does Not Start Or Starts And Stalls

**MODELS:**

1998 - 2001 (AB) Ram Van/Wagon  
1997 - 2000 (AN) Dakota  
1998 - 2001 (BR/BE) Ram Truck  
1998 - 2000 (DN) Durango

**NOTE: THIS BULLETIN APPLIES TO VEHICLES EQUIPPED WITH A VEHICLE THEFT ALARM (VTA) SYSTEM (SALES CODE LSA).**

**DISCUSSION:**

Part of "No Start" diagnosis on vehicles equipped with VTSS should include a verification check of the power supply to the Central Timer Module (CTM). The CTM provides the Powertrain Control Module (PCM) with an "OK To Start" message via the CCD bus. If the message is not received by the PCM, the PCM will not allow the engine to start. Initially, the engine may start and stall but will eventually not start at all. Most CTMs are supplied battery voltage through the power door lock fuse. An inspection of the fuse should be one of the initial diagnostic checks performed. If the fuse is operational, a verification check of the communication system from the CTM can be performed using the DRBIII<sup>®</sup>. Attempt to communicate to the CTM. If the CTM does not respond to the DRBIII<sup>®</sup>, the DRBIII<sup>®</sup> will identify a "No Response From Central Timer Module" message. A "No Response From Central Timer Module" message may indicate that the CTM is not powered up. Please refer to the "Communication" section of the appropriate Body Diagnostic Procedures Manual to assist in "No Start" diagnosis due to communication problems from the CTM. In addition, the "Vehicle Theft/Security" section will aid in the diagnosis of "No Start" issues involving the VTSS system.

**POLICY:** Information Only