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Remanufactured Automotive Electronics Components

TECHNICAL BULLETIN

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Make: Seat

Model: Toledo 2.0L

Subject: No taco operation

No or intermittent instrument cluster tachometer operation, engine operates ok.

TEST: Check the tachometer signal at the ECM pin 19, 0-12 volt square wave.
Check crank angle sensor signal at the ECM pin 44, 0-12 volts square wave.

CAUSE: The engine will operate on a 0-10.5 volt signal from the crank angle sensor however the tachometer signal will only be 10 volts approximately but not pulsing. For the ECM to output a 0-12 volt tachometer signal to the instrument cluster it needs to see a 0-12 volt signal from the crank angle sensor.

If the crank angle sensor is 0-10 volts or less, replace the crank angle sensor.

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