

# Injectronics

Remanufactured Automotive Electronics Components

## TECHNICAL BULLETIN

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*For further technical information regarding testing, repairs or to search for New or Remanufactured Automotive electronic products, please visit [www.injectronics.com.au](http://www.injectronics.com.au), call our office on (+613) 8792 6999, or email [sales@injectronics.com.au](mailto:sales@injectronics.com.au)*

**Make: Volkswagen**

**Model: Golf / Transporter**

**Subject: How to test igniter output signal**

Injectronics receives numerous phone calls relating to the testing of ECM's for a no spark situation. Volkswagen has an igniter & coil as an assembly. To test the igniter output signal from the ECM it is preferred to use an oscilloscope to display the output signal (square wave) from the ECM. To detect the signal a pull-up value will be required. Testing the output signal with a multi meter or test light will not detect the signal. To test the signal using an LED test light, disconnect the multi plug from the coil assembly, locate the igniter trigger terminal in the multi plug, place the probe of the LED test light into the multi plug terminal & connect the other end of the LED test light to the battery positive terminal. Cranking the engine the LED test light will flash if an igniter signal is evident from the ECM.

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