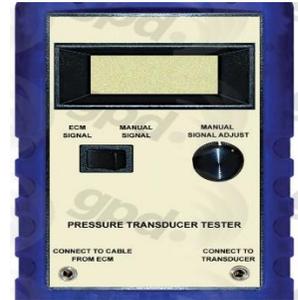


# gpd's Pressure Transducer Tester 5811550

\*This Tech Tip is Only for Reference. 5811550 has been discontinued

A transducer is a sensor that produces a variable 0–5 volt reference signal based on pressure. It indicates to the ECU (Electric Control Unit) the pressures at which the system is running by converting the pressures it senses into electrical voltage. This signals the ECU to either engage or disengage the fan clutch, compressor, or the vehicle cooling fans.



A pressure transducer tester allows you to measure the pressure as voltage emitted from the transducer to detect if it is failing to meet the specific measuring range set by the manufacturer. The pressure transducer tester allows you to manually operate the pressure transducer while on the vehicle. It can detect faulty transducers and make sure that it is working in set parameters.

## How to use gpd's pressure transducer tester:



1. Turn the vehicle off and locate the transducer switch.



2. Disconnect the transducer switch.



3. Connect the pressure transducer tester between the transducer switch and the electrical connector.



4. As you start the vehicle, the power will engage the tester. This image shows the ECM voltage signal.



5. In manual signal mode, you can control the voltage going to the transducer to test it is working within the correct parameters.

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