

Testing Externally Electrically Controlled Compressors

Late model vehicles with electronically controlled compressors can be hard to diagnose as to whether the compressor is faulty and not responding to vehicle inputs or if the vehicle is not sending the correct control information to the compressor.

The control valve is operated by a Pulse Width Signal from 2 to 100% operating the internal solenoid which controls the amount of stroke in the compressor in response to evaporator temperature.

A18-8819 is a tool which performs a number of tests both on the vehicle to determine if there is a Pulse Width signal present and then a solenoid resistance check on the compressor.

The tool also has the ability to control the compressor through the full range of stroke control to enable a manual check of compressor function.

The A18-8819 is supplied with 13 connectors to suit Vehicles Including, Audi, Citroen, Fiat, GM, Lexus, Mercedes Benz, Peugeot, Scion, VW, Universal. Compressor Brands Covered Zexel/Valeo, Calsonic, Denso, Sanden.

