Battery and Alternator Testing

PicoScope®

PicoScope has long been regarded as the number one choice for oscilloscope diagnostics, but did you know that with PicoScope Automotive you get our award winning PicoDiagnostics software as well?

It includes a Battery Test which tests the starting and charging system on the vehicle. This is used to test batteries and charging systems by both vehicle manufacturers and independent workshops.

Introducing our 2- and 4-channel diagnostics kits

Our Diagnostics kits have everything you need to run the Battery Test. They come with the latest 2- or 4-channel PicoScope, as well as the test leads and 2000 A current clamp required to run the test.

For more information on PicoDiagnostics and all our available kits, please visit our website: www.picoauto.com

2-channel diagnostics kit order code: PQ064
4-channel diagnostics kit order code: PQ065
This outstanding diagnostic oscilloscope is also a first-rate battery tester, at no additional cost.

At Pico Technology we know that charging and starting systems are at the very heart of modern vehicles’ electronics. We understand how important they are in making sure that all components function at their very best.

With this in mind, we developed this vehicle health check, as a primary test for every vehicle that enters the workshop. By doing this test you can certify that the vehicles function perfectly, giving your customers peace of mind and generating valuable business.

For every Battery Test done you get a report that can be fully customised with your workshop details. You can print this and give it to your customer, both before and after work is undertaken.

Running our Battery Test

Connect Use a BNC cable from Channel A on the PicoScope to the positive terminal on the battery and a ground point on the vehicle. Then you connect our 2000 A current clamp to the PicoScope and position it around the starter motor’s feed cable.

Run Follow the setup wizard in our PicoDiagnostics software to run the test.

Read The test result is displayed in a simple traffic light system, and covers all the starting and charging components. This result can be printed report can be customized with your workshop details and logo, as well as your customer’s information.