



**Focus on your  
future**

### **Who are we, what do we do?**

Assured Learning Australia provides high quality, hands on technical training to support the needs of the automotive industry.

We have developed a range of short courses that have been specifically requested by the industry to develop the skills of technicians who diagnose vehicle system faults whilst also preparing them for future technological advancements.

# **AUTOMOTIVE ELECTRONIC IGNITION SYSTEMS**

This course is for technicians involved in the diagnosis and repair of petrol engine management systems and covers modern spark ignition technologies such as wasted spark systems and coil-on-plug systems. The course will provide you with an in-depth understanding of the ignition process and diagnostic fault finding techniques.

- Spark ignition system types, including inductive and hall effect, wasted spark and coil-on-plug.
- Function and operation of spark ignition system components.
- Diagnostic testing of ignition system and engine management system faults.
- Connect and use an oscilloscope to display ignition waveforms.
- Analysis and interpretation of primary and secondary ignition test results.

#### **Prerequisites:**

There are no entry requirements to enroll on the course.

#### **Cost:**

\$300 plus GST

#### **When:**

8:00am – 4:00pm

#### **Included:**

Lunch & Refreshments  
Course Notes

#### **How to book:**

Contact us below

#### **For more information, please contact us:**

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