



**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.

# SENSORS AND ACTUATORS

So you have identified a vehicle fault using your scan tool? What next? How do you confirm that the system, the sensor or the actuator is actually faulty? To avoid wasted time, money and damage to your reputation or your businesses' through incorrect diagnosis, the system and components must be properly tested.

This course would benefit all motor vehicle technicians but it is specifically aimed at those technicians who understand basic electrical and fault finding principles but want to improve their diagnostic skills further.

This course covers the function and operation of each of the main sensor and actuator types, where they fit in the system and how to properly test each one using the most appropriate electronic test equipment.

Sensors include: air metering devices, temperature sensors, oxygen (lambda) sensors, speed and position sensors, pressure sensors, etc.

Actuators include: petrol and diesel fuel injectors, motors, ignition systems, potentiometers, Exhaust Gas Recirculation (EGR) control, etc.

**Cost:**

\$500 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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