

## Assessment Requirements

### Unit AE01C – Demonstrating Competency in Locating and Correcting Simple Electrical Faults

#### General Requirements

You must:

1. produce evidence to show you meet **all** of the Learning Outcomes
2. produce performance evidence resulting from work you have carried out on real vehicles in your normal workplace or as defined within the IMI VCQ Assessment Strategy as managed and organised by an approved centre when naturally occurring performance evidence does not occur at frequent intervals in your normal workplace or when safety is at risk.
3. be observed by an assessor as defined in the IMI VCQ Assessment Strategy.
4. produce evidence of locating and correcting **simple** faults occurring in **7 out of the 11\*** engine systems listed, **at least 5** of which must come from work carried out **in your normal workplace**.
  - power storage devices
  - power generating devices
  - vehicle starting devices
  - vehicle lighting devices
  - wiring harness and connection devices
  - vehicle sensors and actuators
  - circuit protection devices
  - information and entertainment systems
  - telematic and tracking systems
  - security systems
  - communication systems
5. be observed by your assessor on **at least 2 occasions**, **each** observation covering the location and correction of the fault in **different** systems.

\*However, you must prove to your assessor that you have the necessary knowledge and understanding to be able to perform competently in locating and correcting faults in all the systems.

Simulated activity **will be** acceptable to assess candidates' competence in location and correction on no more than **2** occasions.