



Australian Government

**Assessment Requirements for AURETR042
Remove, refit and operate electrical
components following body repair activities**

Release: 1

Assessment Requirements for AURETR042 Remove, refit and operate electrical components following body repair activities

Modification History

Release	Comment
Release 1	New unit of competency.

Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standard defined in the unit's elements, performance criteria, range of conditions and foundation skills:

- remove, refit and operationally test four of the following systems on non controller area network databus (CAN-bus) circuits on different vehicles, vessels or machinery:
 - headlight or tail-light assembly
 - windscreen washer and wiper motor assembly
 - external electric mirror assembly
 - antenna, mobile phone or radio
 - actuators, central door locking or window closure.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to removing, refitting and operating electrical components following body repair activities, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - identifying hazards and controlling risks associated with wearing jewellery while working around high current wiring systems
- identification and function of electrical components, including:
 - headlight assemblies
 - tail-light assemblies
 - side and rear vision mirrors
 - windscreen washer and wiper motor assemblies
 - door and window motor assemblies

- procedures for removing and replacing electrical components, including:
 - identifying component position using wiring schematics and drawings
 - identifying component model and configuration
 - identifying visual indications of control unit damage, including:
 - physical damage and wear
 - water and moisture ingress
 - removing and replacing trim and covers
 - handling precautions of electrical components, including halogen globes
 - disconnecting and reconnecting electrical connectors
 - fitting electrical components to vehicle, vessel or machinery body
- post-fitting testing procedures *of electrical components*, including checking electrical system operation.

Assessment Conditions

Assessors must satisfy NVR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessment must include direct observation of tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the electrical components that they have removed, refitted and tested following body repair activities, e.g. repair orders.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- automotive body repair workshop or simulated workplace
- workplace instructions
- vehicles, vessels or machinery with the electrical components specified in the performance evidence requiring removal and refitting following body repair
- tools and equipment appropriate for removing and refitting electrical components following body repair activities.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>

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