



Australian Government

Assessment Requirements for AURVTN018 Repair and replace vehicle structural damage

Release: 1

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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 this unit's elements, performance criteria, range of conditions and foundation skills:

- repair and replace structural body components on two different vehicles, in which each repair must include two of the following components:
 - body chassis rails and skirts
 - front or rear chassis rails
 - boot floors
 - upper skirt rail
 - inner or outer wheel arches
 - turrets
 - front and rear hinge pillars
 - inner and outer sill and pillar panels.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to repairing and replacing vehicle structural damage, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - manually handling vehicle body components
 - using tools and equipment
- environmental requirements, including procedures for trapping, storing and disposing of waste materials
- different types of equipment and their use, including:
 - hydraulic and pneumatic straightening equipment

- approved metal inert gas (MIG) and spot welding equipment
- recommended measuring equipment
- location and key features of original equipment manufacturer (OEM) or authorised agency approved repair instructions, specifications and quality standards
- structural repair methods and techniques, including:
 - straightening and realigning
 - body panel measuring
 - panel replacement
- procedures for protecting vehicle and components when repairing or replacing structural body damage
- procedures for final inspection of completed structural body component repairs.

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 vehicles that they have structurally repaired and welded, 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 repair workplace or simulated workplace
- workplace instructions
- approved repair procedures and specifications of OEM or authorised agency
- two different damaged vehicles with components specified in the performance evidence requiring structural repairs
- tools, equipment and materials appropriate for repairing and replacing structurally damaged panels on vehicles, including:
 - PPE required to repair and weld structurally damaged sections
 - recommended measuring equipment
 - materials required to repair and replace structurally damaged panels
 - hydraulic and pneumatic straightening equipment
 - approved MIG and spot welding equipment.

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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