



Australian Government

Assessment Requirements for AURVTN023 Repair adhesive bonded structural damage on vehicles

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:

- remove and replace bonded panels on two different vehicles, in which the work must include two of the following:
 - door skins
 - vehicle turret
 - quarter panel
 - boot floor section
- use the following bonding methods and securing techniques during above work:
 - welding and bonding
 - rivet or screwing and bonding.

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 adhesive bonded structural damage on vehicles, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - using safety data sheets (SDS) for adhesives
 - manual handling vehicle panels
 - storing adhesives
 - using tools and equipment
- environmental requirements, including procedures for trapping, storing and disposing of waste materials and adhesives

- original equipment manufacturer (OEM) or authorised agency's recommended bonding procedures
- location and types of structural foams
- types of adhesives and their application methods and techniques
- removal and replacement techniques for bonded panels
- types of adhesive bonding methods
- securing techniques, including:
 - welding and bonding
 - rivet or screwing and bonding
- procedures for protecting vehicle and components when removing and replacing adhesive bonded panels
- procedures for final inspection of bonded structural repair.

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 vehicle structural damage that they have repaired using adhesive bonding, 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
- OEM or authorised agency repair procedures
- PPE required to remove and replace adhesive bonded panels and structures
- SDS for adhesives
- vehicle specifications
- two different vehicles or frames with bonded panels requiring repair
- adhesives
- cleaning agents and materials
- tools, equipment and materials appropriate for repairing adhesive bonded panels.

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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