



Australian Government

Assessment Requirements for AURVTN123 Repair adhesive bonded structural damage on vehicles

Release: 1

Assessment Requirements for AURVTN123 Repair adhesive bonded structural damage on vehicles

Modification History

Release	Comments
Release 1	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

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

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- methods to locate and interpret information required to repair adhesive bonded structural damage on vehicles, including procedures for:
 - information provided by customer and supervisors
 - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to repair adhesive bonded structural damage on vehicles, including:
 - establishing serviceability of tools and equipment
 - documentation procedures
 - housekeeping procedures, including:
 - examination of tools and equipment

- storage of equipment
- identification, tagging and isolation of faulty equipment
- disposal of excess materials
- recycling procedures
- work health and safety (WHS) 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
- tools and equipment relating to repairing adhesive bonded structural damage on vehicles, including:
 - adhesive application equipment
 - hand tool and securing clamps
- 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

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.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guide is found on VETNet -

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