



Australian Government

Assessment Requirements for AURVTN126

Repair vehicle aluminium body panels without the use of body filler

Release: 1

Assessment Requirements for AURVTN126 Repair vehicle aluminium body panels without the use of body filler

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:

- repair and finish at least two different vehicle aluminium body panels to pre-paint condition without the use of body filler, including:
 - at least one panel with damage of a minimum size of 300 mm x 50 mm
 - at least one panel with a split of 150 mm.

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 vehicle aluminium body panels without the use of body filler, including:
 - information provided by customer and supervisors
 - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to repair vehicle aluminium body panels without the use of body filler, 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 vehicle aluminium body panels without the use of body filler, including procedures for:

- selecting and using personal protective equipment (PPE)
- manually handling vehicle panels
- using tools and equipment, including tungsten inert gas (TIG) and metal inert gas (MIG) welding equipment
- environmental requirements, including procedures for trapping, storing and disposing of waste materials
- tools and equipment relating to repairing vehicle aluminium body panels without the use of body filler, including:
 - personal protective equipment (PPE)
 - aluminium specific:
 - hammers
 - hand dollies
 - sanders
 - hand tools and equipment
 - TIG and MIG welding equipment.
- original equipment manufacturer (OEM) or authorised agency repair technical information
- different types of aluminium materials and their characteristics
- types and use of aluminium-specific repair tools and materials to prevent cross-contamination
- aluminium repair and finishing methods and techniques, including:
 - aluminium welding processes and techniques
 - pre-paint panel finish
- procedures for final inspection of repaired aluminium body panels.

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 the aluminium body panels that they have repaired without the use of body filler, 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 detailing job requirements
- OEM or authorised agency repair specifications
- PPE required to repair aluminium body panels
- approved aluminium TIG and MIG welding equipment

- two different damaged vehicle aluminium body panels requiring repair and finishing without the use of body filler to pre-paint quality standard
- tools, equipment and materials appropriate for repairing vehicle aluminium body panels without the use of body filler.

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>