



Australian Government

AURVTN127 Repair vehicle aluminium body panels using filler

Release: 1

AURVTN127 Repair vehicle aluminium body panels using filler

Modification History

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

Application

This unit describes the skills and knowledge required to follow body filler procedures in order to repair vehicle aluminium body panels. This unit involves preparing for the task, selecting and using specialist tools and equipment, cleaning panel surfaces, identifying suitable body filler type, calculating body filler amount, mixing and applying body filler to aluminium panels, completing repairs to pre-paint condition, and completing workplace processes and documentation.

The unit applies to those working in the automotive body repair industry.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.

Unit Sector

Vehicle Body Technical - Body

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to repair aluminium body panels using filler	1.1 Determine job requirements from workplace instructions 1.2 Access and interpret original equipment manufacturer (OEM) specifications and workplace procedures 1.3 Select and check body filler and materials for repair for quality and identify and interpret body filler safety data sheets (SDS) 1.4 Identify hazards associated with the work and manage risks 1.5 Select and check aluminium repair tools and equipment for serviceability 1.6 Plan work to identify aluminium repair methods, minimise

ELEMENTS	PERFORMANCE CRITERIA
	waste, and use time efficiently
2. Carry out repairs using filler	2.1 Identify aluminium body panels to be repaired according to workplace instructions 2.2 Repair panels to pre-filler condition following OEM or approved agency repair procedures, tools and equipment 2.3 Mix filler according to manufacturer specifications 2.4 Apply filler to repair panels using approved body filler instructions and equipment according to workplace procedures, and safety and environmental requirements 2.5 Complete filler repairs to pre-paint condition following safety and environmental requirements 2.6 Check repairs according to workplace quality standards
3. Complete work processes	3.1 Conduct final inspection according to workplace procedures and confirm vehicle is ready for use 3.2 Clear work area and dispose of or recycle materials according to workplace procedures 3.3 Complete documentation according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Learning	Locates required sources of information efficiently.
Numeracy	Uses basic mathematical operations, including addition, subtraction, multiplication and division, to calculate body filler quantities and mix required ratios.
Oral communication	- Clarifies instructions and procedures - Reports quality issues and job outcomes clearly.
Problem solving	Identifies quality issues and potential problems associated with repairing aluminium body panels.
Technology	Uses specialist tools and equipment.

Unit Mapping Information

Supersedes and is equivalent to AURVTN027 Repair vehicle aluminium body panels using filler.

Links

Companion Volume Implementation Guide is found on VETNet -

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