



Australian Government

AURVTN116 Repair vehicle body panels using filler

Release: 1

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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 repair vehicle body panels using filler. This unit involves preparing for the task, selecting and using specialist tools and equipment, identifying body filler type and specifications, calculating and mixing body filler and applying to 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. Filler used in repair work must include two-pack polyester.

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 body panels using filler	1.1 Determine job requirements from workplace instructions 1.2 Source and interpret manufacturer specifications for body filler application and required safety data sheets (SDS) 1.3 Select materials required for body panel repair and check for quality 1.4 Identify hazards associated with the work and manage risks 1.5 Select and check tools and equipment for serviceability 1.6 Prepare work area and plan work to minimise waste and use time efficiently
2. Carry out repair	2.1 Remove paint and prepare damaged panel for filler repair

ELEMENTS	PERFORMANCE CRITERIA
activities using filler	2.2 Rectify damaged panel sections using panel beating techniques to workplace pre-filler application standard 2.3 Mix body filler according to manufacturer specifications 2.4 Apply filler to repair panels using required body filler instructions and equipment according to workplace procedures, body filler manufacturer specifications, and safety and environmental requirements 2.5 Complete repairs to pre-paint condition
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 ratios for dilution rates to: - calculate body filler quantities and mix required ratios - calculate surface area.
Oral communication	- Clarifies instructions and procedures - Reports quality issues and job outcomes clearly.
Problem solving	- Determines underlying causes of faults - Identifies risk factors and takes action to minimise risk.
Technology	Uses specialised tools and measuring equipment.

Unit Mapping Information

Supersedes and equivalent to AURVTN016 Repair vehicle 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>