



Australian Government

AURVTP129 Prepare surface and prime repaired body panels

Release: 1

AURVTP129 Prepare surface and prime repaired body panels

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 prepare and prime a repaired body panel of a vehicle. It requires the learner to plan and prepare the task; identify types of automotive abrasives; remove protective waxes and surface contaminants; feather paint edges; apply filler; and maintain the work area, tools and equipment. This unit applies to those undertaking a Vocational Education and Training in Schools (VETiS) or pre-vocational qualification as preparation to entering the automotive service and repair or automotive manufacturing industry.

The unit is designed for use in a highly supervised context.

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

Unit Sector

Vehicle Body Technical - Paint

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 prime a repaired body panel	1.1 Source and interpret safety and environmental requirements 1.2 Interpret task instruction and identify vehicle body panel to be worked on 1.3 Source and interpret manufacturer specifications and workplace procedures for removing paint and preparing surface 1.4 Identify potential hazards and risks associated with task and report to workplace supervisor 1.5 Identify tools and equipment required for priming body panel

	according to manufacturer specifications
2. Prepare body panel for priming	2.1 Select and check tools, equipment and materials for priming body panel prior to use according to manufacturer specifications and safety requirements 2.2 Prepare vehicle body panel for priming according to workplace procedures and safety and environmental requirements, and without causing damage to components, tools or equipment 2.3 Inspect body panel according to manufacturer specifications 2.4 Record body panel inspection results
3. Apply primer to body panel	3.1 Prepare primer for application according to manufacturer specifications and safety and environmental requirements 3.2 Apply primer according to workplace procedures, manufacturer specifications, and safety and environmental requirements 3.3 Apply primer to body panel without causing damage to body panel, components, tools or equipment 3.4 Inspect body panel to ensure required application of primer to body panel 3.5 Record body panel inspection results
4. Complete work processes	4.1 Conduct final inspection according to workplace procedures and confirm vehicle is ready for use 4.2 Clear work area and dispose of or recycle materials according to workplace procedures 4.3 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	- Reads and interprets numerical information in paint information - Uses basic mathematical operations, including addition, subtraction, multiplication and division, to calculate volumes and ratios.
Oral communication	Participates effectively in verbal exchanges using questioning and active listening to request, clarify and clearly convey information.

SKILL	DESCRIPTION
Reading	• Selects and interprets key information from environmental requirements and workplace procedures to ensure a clean and safe work site.
Planning and organising	• Plans own work activities • Prioritises actions to achieve required outcomes • Ensures tasks are completed within workplace timeframes.
Problem solving	• Identifies potential or actual hazards and takes action to minimise risk • Refers problems that cannot be readily resolved and seeks assistance from workplace supervisor.
Self-management	• Recognises own limitations when selecting and using tools and equipment and seek timely advice.
Technology	• Sets up and operates specialised equipment and tools.

Unit Mapping Information

Supersedes and is equivalent to AURVTP029 Prepare surface and prime repaired body panels.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for AURVTP129 Prepare surface and prime repaired body panels

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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:

- surface prepare and prime at least two major vehicle body panels.

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 prepare surface and prime repaired body panels, including:
 - information provided by customer and supervisors
 - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to prepare surface and prime repaired body panels, 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
- key aspects of work health and safety (WHS) and environmental requirements, including:
 - use of personal protective equipment, including safety glasses, ear protection and safety footwear
 - use of hand tools, including air and electric sanders
 - safety data sheets (SDS) and procedures for handling and disposing of used primer, emulsions and solvents

- procedures for extraction of fumes
- types, grades and uses of abrasives and sandpaper
- tools, equipment and materials relating to preparing surface and prime repaired body panels, including:
 - preparation and spray areas with fume extraction
 - spray gun equipment
 - wet and dry paper
 - sanding discs
 - emulsion materials
 - filler
 - primers
- types of vehicles that vehicle body panels could be sourced from, including:
 - passenger vehicle
 - light commercial vehicle
 - heavy vehicle
 - constructed vehicle
- workplace procedures for:
 - wet and dry sanding
 - surface preparation
 - paint feather edging and precautions
- types of filler and primers and their use, including:
 - etch primer
 - primer surfacer
- filler and primer application procedures
- work area clean-up and maintenance requirements.

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 repaired body panels that they have surface prepared and primed, 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 workplace or simulated workplace
- personal protective equipment appropriate to the workplace
- two major vehicle body panels

- tools, equipment and materials, including:
 - preparation and spray areas with fume extraction
 - spray gun equipment
 - wet and dry paper
 - spray gun equipment
 - sanding discs
 - emulsion materials
 - filler
 - primers, including:
 - etch primer
 - primer surfacer
 - solvents.

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

Links

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