



Australian Government

AURVTN113 Carry out paint-less dent repairs on vehicle body panels

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 shallow dents and hail damaged body panels using paint-less dent repair (PDR) processes. This unit involves preparing for the task, selecting and using specialist tools, repairing vehicle panels to pre-damage condition using PDR methods, 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 carry out PDR repairs	1.1 Determine job requirements from workplace instructions 1.2 Source and interpret workplace procedures and PDR tool manufacturer specifications 1.3 Identify hazards associated with the work and manage risks 1.4 Select and check tools and equipment for serviceability 1.5 Plan work to minimise waste and use time efficiently
2. Repair panel using PDR process	2.1 Prepare vehicle panels and work area for PDR work 2.2 Fabricate and modify PDR tools to suit work requirements 2.3 Repair components using required PDR methods and

ELEMENTS	PERFORMANCE CRITERIA
	equipment according to workplace procedures and safety requirements 2.4 Obtain advice from authorised personnel if repair interferes with vehicle trim or electrical systems 2.5 Finish painted surface according to workplace procedures, and check PDR repairs against workplace instructions and workplace quality standards and finish requirements
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 - Develops a sequenced plan for a specific task.
Numeracy	Interprets and records numerical information in specifications.
Oral communication	- Clarifies instructions and procedures - Reports quality issues and job outcomes clearly.
Teamwork	Seeks advice and uses strengths of authorised personnel and team members in carrying out repair process.
Technology	Uses specialist tools and equipment.

Unit Mapping Information

Supersedes and is equivalent to AURVTN013 Carry out paint-less dent repairs on vehicle 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 AURVTN113 Carry out paint-less dent repairs on vehicle 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:

- carry out paint-less dent repairs (PDR) on at least ten different vehicle body panels, in which the work for at least one repair must involve completing PDR on a panel with shallow dents to a minimum dimension of 20 mm diameter x 2 mm depth.

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 carry out paint-less dent repairs on vehicle body panels, including:
 - information provided by customer and supervisors
 - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to carry out paint-less dent repairs on vehicle 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
- work health and safety (WHS) requirements relating to carrying out PDR on vehicle body panels, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - manually handling vehicle body panels

- PDR methods and techniques, including:
 - type and use of PDR tools, lighting equipment, and paint polishing materials
 - establishing lighting requirements
 - trim removal processes
 - paint film build and its effects on PDR
 - PDR push to paint surface
 - paint finishes, including peel and texture
 - paint fractures and delamination
 - corrosion prevention resulting from PDR
 - types of dents appropriate to PDR method
- PDR techniques, including pushing, pressing, reforming, levering, pulling, gluing, and suction cups
- PDR tools and equipment, including:
 - PDR hand tools
 - lighting
 - personal protective equipment
- PDR finish and quality standard
- procedures for final inspection of completed PDR repairs.

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 PDR repairs they have carried out, 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
- vehicles, panels and components requiring PDR as specified in the performance evidence
- tools, equipment and materials appropriate for carrying out paint-less dent repairs, including required PPE.

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

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