



Australian Government

AURVTN137 Test vehicle components for correct operation

Release: 1

AURVTN137 Test vehicle components for correct operation

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 test vehicle components to assess their suitability for future use. This unit involves preparing for the task, selecting and using tools and equipment, removing, cleaning and testing vehicle components for correct operation, 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 test components	1.1 Determine job requirements and units and components to be tested from workplace instructions 1.2 Source and interpret task information 1.3 Identify hazards associated with the work and manage risks 1.4 Select and check tools and equipment for safe and required operation 1.5 Plan work to identify disassembly and testing methods, minimise waste, and use time efficiently
2. Disassemble components	2.1 Disassemble components according to workplace procedures, manufacturer specifications, and safety and environmental requirements 2.2 Check disassembled components for damage or wear against

ELEMENTS	PERFORMANCE CRITERIA
	manufacturer specifications
3. Clean components	3.1 Determine cleaning procedure from manufacturer specifications, safety data sheets (SDS), and workplace procedures 3.2 Clean components using approved cleaning products, materials and equipment according to safety and environmental requirements
4. Test components	4.1 Test component to determine required operation and quality standard 4.2 Determine repair or replacement of component according to test results and workplace procedures
5. Complete work processes	5.1 Conduct final inspection according to workplace procedures and confirm vehicle is ready for use 5.2 Clear work area and dispose of or recycle materials according to workplace procedures 5.3 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	<ul style="list-style-type: none"> Locates required sources of information efficiently.
Numeracy	<ul style="list-style-type: none"> Identifies and interprets component part numbers Interprets manufacturer specifications and calculates tolerances and non-conformance from tests undertaken.
Oral communication	<ul style="list-style-type: none"> Clarifies instructions and procedures Reports quality issues and job outcomes clearly.
Problem solving	<ul style="list-style-type: none"> Identifies non-conformance and quality issues after dismantling and testing vehicle components.

Unit Mapping Information

Supersedes and is equivalent to AURVTN037 Test vehicle components for correct operation.

Links

Companion Volume Implementation Guide is found on VETNet -

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