



Australian Government

AURLTJ013 Remove, inspect and refit light vehicle wheel and tyre assemblies

Release: 1

AURLTJ013 Remove, inspect and refit light vehicle wheel and tyre assemblies

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the skills and knowledge required to remove, inspect and refit light vehicle wheel and tyre assemblies. It involves identifying and confirming work requirements, preparing for the task, removing, inspecting and refitting wheel and tyre assemblies, and completing workplace processes and documentation.

This unit applies to those working within the automotive light vehicle service and repair industry. The wheel and tyre assemblies include those of light vehicles, light commercial vehicles or trailers. The work does not involve removing the tyre from the wheel. This unit does not apply to motorcycle or heavy vehicle wheel assemblies.

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

Unit Sector

Technical - Wheels and Tyres

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Prepare to remove light vehicle wheel and tyre assembly	1.1 Identify job requirements from workplace instructions 1.2 Obtain and interpret wheel and tyre assembly removal, inspection and refitting information 1.3 Identify hazards and environmental issues, assess potential risks and implement control measures in line with workplace policies 1.4 Identify tools, equipment and materials required for the job, and examine for serviceability
2. Remove and inspect wheel and tyre	2.1 Remove wheel and tyre assembly according to manufacturer and workplace procedures, workplace health and safety requirements

assembly	<p>and without causing damage to components or systems</p> <p>2.2 Inspect condition of wheel and tyre assembly, mounting points and fittings for damage and wear</p> <p>2.3 Report inspection findings and make recommendations for necessary repairs or replacements and adjustments according to workplace procedures</p>
3. Refit wheel and tyre assembly	<p>3.1 Obtain and interpret refitting information in order to identify refitting options required for the job</p> <p>3.2 Fit and adjust wheel and tyre assembly according to manufacturer specifications, workplace procedures and workplace health and safety requirements</p> <p>3.3 Carry out tightening sequence and torque settings according to manufacturer specifications and workplace procedures</p> <p>3.4 Examine wheel assembly for correct assembly and run-out according to manufacturer specifications and workplace procedures, and rectify any issues identified</p>
4. Complete work processes	<p>4.1 Carry out final inspection to ensure work meets workplace expectations and vehicle is ready for use</p> <p>4.2 Clear work area and dispose of or recycle materials according to workplace procedures</p> <p>4.3 Examine and store tools and equipment according to workplace procedures</p> <p>4.4 Complete workplace documentation according to workplace procedures</p>

Foundation Skills

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

Skills	Description
Learning skills to:	<ul style="list-style-type: none"> locate relevant sources of wheel and tyre assembly information efficiently
Reading skills to:	<ul style="list-style-type: none"> read and interpret information from manufacturer specifications, workplace procedures and documentation when seeking wheel and tyre removal, inspection, refitting and adjustment procedures and specifications
Writing skills to:	<ul style="list-style-type: none"> legibly and accurately fill out workplace documentation when reporting inspection findings, making repair recommendations, and recording parts and material used
Oral communication skills	<ul style="list-style-type: none"> clarify instructions

to:	<ul style="list-style-type: none"> • make repair recommendations
Numeracy skills to:	<ul style="list-style-type: none"> • interpret numerical information in: <ul style="list-style-type: none"> • manufacturer and component supplier specifications • tyres and wheels • workplace instructions • tyre inflation gauges • understand numerical divisions in metric and imperial units of measurement
Technology skills to:	<ul style="list-style-type: none"> • operate wheel attachment tools and equipment

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AURLTJ013 Remove, inspect and refit light vehicle wheel and tyre assemblies (Release 1)	AURLTJ003 Remove, inspect and refit light vehicle wheel and tyre assemblies (Release 1)	<p>Wording changes to ensure compliance with Standards for Training Packages.</p> <p>Removal of OHS requirements.</p> <p>Removal of range of conditions.</p> <p>Changed from 'repair' to 'refit' in performance criteria.</p> <p>Addition of oral communication skills.</p> <p>Addition of assessor requirements.</p>	Equivalent

Links

Companion Volume Implementation Guides are found in VETNet -

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