



Australian Government

AURLTJ111 Select light vehicle wheels and tyres

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Modification History

Release	Comments
1	This unit of competency was first released in AUR Automotive Retail, Service and Repair Training Package Release 9.0.

Application

This unit describes the skills and knowledge required to select light vehicle wheels and tyres to suit specific applications. It involves identifying and confirming work requirements, preparing for the work, selecting wheels and tyres, and completing workplace processes and documentation.

This unit applies to those working within the automotive service and repair industry. The wheels and tyres include those of light vehicles or trailers that are used on sealed or unsealed surfaces.

Licensing/Regulatory Information

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

Pre-requisite unit(s)

No prerequisite units.

Competency field(s)

N/A

Unit sector(s)

Technical - Wheels and Tyres

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 select wheel and tyre options	1.1 Identify job requirements from workplace instructions 1.2 Obtain and interpret wheel and tyre information to identify wheel and tyre options required for the job 1.3 Identify hazards and issues associated with the work, assess potential risks and implement control measures from workplace health and safety requirements.
2. Select wheels and tyres for specific applications	2.1 Assess technical compliance of wheel and tyre option 2.2 Select wheels and tyres according to manufacturer specifications, workplace procedures, and Australian Design Rules
3. Complete work processes	3.1 Communicate selection to appropriate personnel or customer according to workplace procedures 3.2 Complete and process workplace documentation according to workplace procedures

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.

Skill	Description
Learning	locate relevant sources of light vehicle wheels and tyres information efficiently
Reading	read and interpret information from manufacturer specifications, ADRs, workplace procedures and documentation when seeking wheel and tyre specifications
Writing	accurately complete workplace documentation, making recommendations regarding selected wheels and tyres
Numeracy	- interpret numerical information when selecting wheels and tyres - understand both metric and imperial units of measurement

Range of conditions

No conditions apply to this unit of competency at the time of publication.

Unit Mapping Information

Current Code and Title	Previous Code and Title	Comments	Equivalence
AURLTJ111 Select light vehicle wheels and tyres	AURLTJ011 Select light vehicle wheels and tyres	Updates to Elements, Performance Criteria, Performance Evidence, and Knowledge Evidence	Equivalent

Assessment Requirements for AURLTJ111 Select light vehicle wheels and tyres

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Performance Evidence

The candidate must demonstrate they can perform the following according to the standards defined in the elements, performance criteria and foundation skills of this unit.

The candidate must select light vehicle wheels and tyres for specific applications that safely follow workplace procedures to meet required outcomes. This includes:

- selecting the wheels and tyres of four different light vehicles based on workplace instructions and according to manufacturer requirements
- accessing and interpreting information in manufacturer specifications relating to the selection

Knowledge Evidence

The candidate must demonstrate the following knowledge:

Key policies and procedures relating to the selection of wheels and tyres including:

- how to locate and apply manufacturer specifications for the following light vehicle wheels and tyres:
 - tubeless and tubed tyres
 - bias ply and radial ply tyres
 - directional tyres
 - steel wheels
 - alloy wheels
- how to locate and apply Australian Design Rules relating to light vehicle wheels and tyres
- how to communicate with customers the selection of wheels and tyres
- workplace procedures and documentation for light vehicle wheels and tyres
- workplace health and safety requirements and procedures relating to light vehicle wheels and tyres
- workplace housekeeping and documentation procedures

Light vehicle wheels and tyres technical information, including:

- light vehicle tyre fitment guide
- tyre placards and sidewall markings
- the use of light vehicle wheel and tyre assembly terminology and codes
- light vehicle tread patterns, and wheel and tyre assembly types
- specific tyre applications for varying terrain, soil and weather conditions

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 light vehicle tyres and tubes that they have worked on, 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
- repair order and workplace instructions
- manufacturer tyre and tube repair procedures and specifications
- Australian Design Rules relating to light vehicle wheels and tyres
- four different light vehicles for the selection of wheels and tyres
- equipment and material appropriate for selecting light vehicle wheels and tyres for specific applications

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

Link

Companion volumes, including implementation guides, are found on the national training register - <https://training.gov.au/training/details/AUR>.