

<b>Title</b>	<b>Balance a wheel off a vehicle in the motor industry</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	People credited with this unit standard are able to: prepare a vehicle wheel for balancing; and balance a wheel and tyre assembly off a vehicle.
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<b>Classification</b>	Motor Industry > Tyres
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<b>Available grade</b>	Achieved
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### Guidance Information

- Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable service information, and company requirements and legislative requirements. This includes the knowledge and use of suitable tools and equipment.
- Performance of the outcomes of this unit standard must comply with the following:  
Health and Safety at Work Act 2015;  
Land Transport Rule: Tyres and Wheels 2001.
- Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.
- Definitions  
*Company requirements* refer to instructions to staff on policy and procedures that are available in the workplace. These requirements may include – company policies and procedures, work instructions, product quality specifications and legislative requirements.  
*Service information* refers to information such as technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.  
*Suitable tools and equipment* refer to industry approved tools and equipment that are recognised within the industry as being the most suited to complete the task in a professional and competent manner with due regard to safe working practices.

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### Outcomes and performance criteria

#### Outcome 1

Prepare a vehicle wheel for balancing.

**Performance criteria**

- 1.1 Wheel is removed from the vehicle without damage to the vehicle, wheel, and threads of the wheel nuts and studs.
- 1.2 The wheel and tyre condition are checked, and its compliance with the Land Transport Rules is determined.

**Outcome 2**

Balance a wheel and tyre assembly off a vehicle.

**Performance criteria**

- 2.1 The static and dynamic balance of the wheel assembly is checked and adjusted to bring the balance within acceptable limits.
- 2.2 Wheel is replaced on the original position on the vehicle, and nuts or securing studs are tensioned

<b>Replacement information</b>	This unit standard and unit standard 21869 replaced unit standard 238 and unit standard 3863.
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<b>Planned review date</b>	31 December 2025
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	27 July 2005	31 December 2022
Review	2	29 July 2021	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	0014
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This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

**Comments on this unit standard**

Please contact MITO New Zealand Incorporated [info@mito.org.nz](mailto:info@mito.org.nz) if you wish to suggest changes to the content of this unit standard.