

Title	Test for and rectify automotive wiper system faults		
Level	4	Credits	2

Purpose	People credited with this unit standard are able to: test the wiper automotive system for correct operation; and rectify automotive wiper system faults.
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Classification	Motor Industry > Automotive Electrical and Electronics
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Available grade	Achieved
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Guidance Information

- 1 It is recommended that people hold credit for Unit 24094, *Demonstrate knowledge of windscreen wiper and headlamp cleaning systems* before being assessed against this unit standard.
- 2 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.
- 3 Performance of the outcomes of this unit standard must comply with the following:
Health and Safety at Work Act 2015;
Land Transport Rule: Glazing Windscreen Wipe and Wash and Mirrors 1999;
Land Transport Rule: Vehicle Repair 1998.
- 4 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.
- 5 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 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 means 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.
- 6 For this unit standard, it is essential that the practical assessment evidence is obtained in the workplace under normal workplace conditions.

Outcomes and performance criteria

Outcome 1

Test the wiper automotive system for correct operation.

Performance criteria

- 1.1 Screenwash reservoirs are filled to the specified level with a solution suitable for cleaning the screen and lamps.
- 1.2 The wiper system is operated on a wet screen, in all of its modes, and any faults are noted.
- 1.3 The mechanical linkage and system components and tubing are inspected, and the cause of any faults is determined.
- 1.4 The electrical circuit and components are tested, and any faults are identified and located.

Outcome 2

Rectify automotive wiper system faults.

Performance criteria

- 2.1 The faulty part or assembly is removed from the vehicle, without causing damage to vehicle trim or body panels.
- 2.2 Repairable components are restored to full serviceability.
- 2.3 Non-repairable components are replaced with new parts.
- 2.4 The repaired and replacement parts are assembled and installed in the vehicle without causing damage to vehicle trim or body panels.
- 2.5 The wiper system is checked, and any adjustments made, to ensure that normal operation has been restored

Replacement information	This unit standard and unit standard 24094 replaced unit standard 887.
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Planned review date	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	25 January 2008	31 December 2022
Review	2	25 March 2021	N/A

Consent and Moderation Requirements (CMR) reference

0014

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 if you wish to suggest changes to the content of this unit standard.