

Title	Demonstrate knowledge of windscreen wiper and headlamp cleaning systems		
Level	3	Credits	1

Purpose	People credited with this unit standard are able to demonstrate knowledge of windscreen wiper systems, and headlamp cleaning systems.
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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 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.
- 2 Performance of the outcomes of this unit standard must comply with the following:
Health and Safety at Work Act 2015;
Vehicle Inspection Requirements Manual (VIRM) In-service Certification;
Land Transport Rule: Glazing Windscreen Wipe and Wash and Mirrors 1999;
Land Transport Rule: Vehicle Repair 1998.
- 3 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.
- 4 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.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of windscreen wiper systems.

Range two-speed, intermittent, screenwash, self-parking (forward and reverse rotation), rear screen wash-wipe systems, speed sensitive.

Performance criteria

- 1.1 The components of the windscreen wiper systems are identified, and their most common locations on a vehicle established.
- 1.2 A circuit layout for each system, and the function of its components, are described.
- 1.3 Procedures for testing a wiper system for operation and identifying faults are described in accordance with the VIRM.

Outcome 2

Demonstrate knowledge of headlamp cleaning systems.

Range wash-wipe and jet systems.

Performance criteria

- 2.1 The components of the headlamp cleaning systems are identified, and their functions established.
- 2.2 A circuit and a system layout for each system are described.

Replacement information	This unit standard and unit standard 24095 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
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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 if you wish to suggest changes to the content of this unit standard.