

Title	Install an immobiliser system in a vehicle		
Level	3	Credits	2

Purpose	People credited with this unit standard are able to install an immobiliser system in a vehicle.
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Classification	Motor Industry > Automotive Electrical and Electronics
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Available grade	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;
New Zealand Standard AS/NZS 4601:1999 *Vehicle immobilizers*.
- 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 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.
- 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

Install an immobiliser system in a vehicle.

Performance criteria

- 1.1 An immobiliser kit that is suitable for the vehicle and meets the customer requirements is procured.
- 1.2 Additional parts and materials that are required but not included in the kit are determined and procured to enable the system to be installed.
- 1.3 Trim, coverings, and components are removed, without damage, to gain access for the installation.
- 1.4 The components are positioned and secured.
- 1.5 The wiring is positioned and secured as specified by the accessory or vehicle manufacturer, so that no interference or damage to the vehicle's engine management system or electronics occurs.
- 1.6 The immobiliser kit and any other electrical components are connected to the wiring, and are installed and positioned
- 1.7 The circuit is connected to a dedicated supply with effective circuit protection and the system is tested for correct operation.
- 1.8 Instructions are given to the customer on the use of the immobiliser system.

Replacement information	This unit standard and unit standard 24139 replaced unit standard 16115.
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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.