

Title	Gain entry to cars		
Level	3	Credits	5

Purpose	<p>This unit standard is for people working in the locksmithing industry who will be required to open cars where owners have lost or misplaced the mechanical or electronic keys.</p> <p>People credited with this unit standard are able to: prepare to gain entry to cars; and gain entry to cars where keys are not available.</p>
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Classification	Mechanical Engineering > Locksmithing
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Available grade	Achieved
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Guidance Information

1 Definitions

Accepted industry practice refers to codes of practice and standardised procedures accepted by the wider locksmithing industry as examples of best practice.

Engine Control Unit (ECU) – also known as powertrain control module (PCM), is an embedded system that uses microprocessors/computers to control a series of functions to ensure that cars perform at optimum levels. These computers are hardwired into various parts of a car monitoring and managing many aspects of the car.

Immobiliser Control Unit (ICU) is a generic term for any embedded system that controls the immobilisation of the vehicle. This system may be embedded with another controller, or may be a stand-alone device.

Passive Keyless Entry (PKE) system is a proximity system that provides the user with the convenience of unlocking a car door without pressing any buttons.

Remote Keyless Entry (RKE) System enables the locking and unlocking of the car doors without having to insert a key into the door lock.

Transponder keys – Keys which contain a Radio Frequency device used for electronic authorisation to disarm the immobiliser.

Workplace procedures refer to the procedures used by the organisation carrying out the work and applicable to the tasks being carried out. Examples are – standard operating procedures, safety procedures, equipment operating procedures, codes of practice, quality management practices and standards, procedures to comply with legislative and local body requirements.

2 Assessment information

Candidates are expected to have prior knowledge of ECUs, ICUs, PKEs, RKEs, and transponder keys.

All activities must comply with applicable workplace procedures, and vehicle and equipment manufacturer's instructions, and must be consistent with accepted industry practice.

Outcomes and performance criteria

Outcome 1

Prepare to gain entry to cars.

Performance criteria

- 1.1 Ownership of car is verified and owner's/driver's written permission obtained.
- 1.2 Car make and model is verified and noted.
- 1.3 Tools and equipment are selected for the job.

Outcome 2

Gain entry to cars where keys are not available.

Performance criteria

- 2.1 Entry is gained into cars by opening door locks without damage using appropriate tools and equipment.

Planned review date	31 December 2023
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	1 March 2018	N/A

Consent and Moderation Requirements (CMR) reference	0013
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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 Competenz qualifications@competenz.org.nz if you wish to suggest changes to the content of this unit standard.