

Title	Operate a light four wheel drive (4WD) vehicle in an off-road environment		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to: prepare a light 4WD vehicle for off-road use; drive a light 4WD vehicle off-road; drive a light 4WD vehicle through water; and prepare a 4WD vehicle for on-road driving after driving off-road.
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Classification	Driving > Specialist Driving Knowledge and Skills
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Available grade	Achieved
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Prerequisites	Unit 17976, <i>Demonstrate knowledge of operating a light four wheel drive (4WD) vehicle in an off road environment</i> , or demonstrate equivalent knowledge and skills. Candidates must hold the appropriate licence for the type of vehicle driven.
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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 and legislative requirements. This includes the knowledge and use of suitable tools and equipment.
- 2 Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the current version of the Health and Safety at Work Act 2015; and any subsequent amendments and replacements.
- 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.
light 4WD vehicle means any four wheel vehicle with a gross laden weight less than 3500kg and capable of having motive power applied simultaneously to all four wheels. It does not include an all-terrain vehicle;
off-road means a surface other than a sealed or unsealed, formed road or track and includes but is not limited to bush tracks, beaches, river beds and open paddocks;
Service information may include – technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.

Outcomes and performance criteria

Outcome 1

Prepare a light 4WD vehicle for off-road use.

Performance criteria

1.1 The preparations confirm the 4WD vehicle is suitable for the anticipated activity.

Outcome 2

Drive a light 4WD vehicle off-road.

Performance criteria

2.1 Driving techniques on different terrain maximise driver and passenger safety, and minimise risk of damage to vehicle and equipment.

Range: uphill, downhill, across a slope, uneven surfaces, soft surfaces, water.

Outcome 3

Drive a light 4WD vehicle through water.

Performance criteria

3.1 Water hazards are identified by inspection, and entry and exit points are identified that minimise risk to driver, passengers (if applicable), and vehicle.

3.2 Entry, traverse, and exit from water is completed without damage to vehicle and equipment.

3.3 Braking is tested at the completion of the water crossing, and action taken to restore efficiency as required.

Outcome 4

Prepare a light 4WD vehicle for on-road driving after driving off-road.

Performance criteria

4.1 Vehicle is checked to ensure it is ready for on-road use.

Range: checks may include- brakes, lights, indicators, mirrors, windscreen, 4WD disengaged (if applicable), differential lock disengaged (if applicable), hubs, tyres.

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		31 December 2020
	2		31 December 2020
	3		31 December 2020
Review	4	2018	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.