

Title	Remove and replace a motor vehicle fuel tank		
Level	3	Credits	2

Purpose	This unit standard is for people who work in the motor industry. People credited with this unit standard are able to remove and replace a motor vehicle fuel tank.
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Classification	Motor Industry > Vehicle Bodywork
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Available grade	Achieved
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Entry information	
Recommended skills and knowledge	Unit 23990, <i>Demonstrate knowledge of motor vehicle fuel tanks and replacing fuel tanks</i> , or demonstrate equivalent knowledge and skills

Explanatory notes

- Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable manufacturer's specifications, service information, company and legislative requirements (this includes the knowledge and/or use of suitable tools and equipment).
- Legislation, regulations and/or industry standards relevant to this unit standard include but are not limited to the current version of including updated amendments to, and replacements of – Hazardous Substances and New Organisms Act 1996; Health and Safety at Work Act 2015; Land Transport Rule: Vehicle Equipment 2004, Rule 32017.
- Land Transport Rules are available online at <https://www.nzta.govt.nz/>.
- Definitions
Company requirements refer to instructions to staff on policy and procedures which are documented in memo or manual format and are available in the workplace. These requirements include but are not limited to – company specifications and procedures, work instructions, manufacturer specifications, product quality specifications and legislative requirements.
Service information may include but is not limited to – technical information of a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions and specifications; technical terms and descriptions; and detailed illustrations. This may be accessed from the manufacturer.

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.

- 5 **Range**
Assessment against this unit standard applies to removing and replacing petrol and/or diesel fuel tanks.
- 6 For this unit standard, it is essential that the practical assessment evidence is obtained in the workplace under normal workplace conditions.

Outcomes and evidence requirements

Outcome 1

Remove a motor vehicle fuel tank.

Evidence requirements

- 1.1 Tank wiring is disconnected.
- 1.2 Fuel is drained from the tank into an appropriate storage container.
- 1.3 Pipes are disconnected and plugged to ensure no leakage and no foreign matter gets into them.
- 1.4 Parts that are likely to interfere with tank removal are disconnected and removed.
- 1.5 Attachment points are identified, and the tank is removed.

Outcome 2

Replace a motor vehicle fuel tank.

Range new and existing.

Evidence requirements

- 2.1 Components that make up the fuel tank are selected and fitted to a new tank.
Range may include but is not limited to – sender unit, outlet and inlet pipes, venting, baffles, plug.
- 2.2 Original tank pipes are reconnected.
- 2.3 The tank is fitted and secured.
- 2.4 Fuel is added to the tank and the tank is checked for leaks.

Replacement information	This unit standard and unit standard 23990 replaced unit standard 5768.
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Planned review date	31 December 2021
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	26 November 2007	31 December 2018
Review	2	8 December 2016	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>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Requirements for consent to assess and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMRs). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the SSB MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.