

Title	Service steering and suspension systems on a vehicle or machine		
Level	3	Credits	4

Purpose	This unit standard is for people who wish to enter or are employed in the motor industry. People credited with this unit standard are able to service steering and suspension systems on a vehicle or machine.
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Classification	Motor Industry > Vehicle Steering and Suspension
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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 service information and company and legislative requirements. This includes the knowledge and 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: Health and Safety at Work Act 2015; Land Transport Rules: Steering Systems 2001, Rule 32003/1 and Vehicle Repair 1998, Rule 34001; Low Volume Vehicle Technical Association Inc (LVVTA) Code and Standards; and any subsequent amendments or replacements.
- Land Transport Rules are available online at <https://www.nzta.govt.nz/resources/rules/>.
LVVTA Code and Standards relating to suspension system modifications or lowering kits can be obtained online at <http://www.lvvta.org.nz/>.
- Definitions
Company requirements – 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 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

Service steering and suspension systems on a vehicle or machine.

Range front suspension, rear suspension, steering.

Performance criteria

1.1 Worn or damaged steering components are removed and replaced.

Range may include – ball joints, bushes, linkages, rack, tie rod ends, wheel bearings.

1.2 Worn or damaged suspension components are removed and replaced.

Range may include – struts, shock absorbers, springs, control arms, stabiliser bar, beam, sensors, compressor and air spring on air suspension.

Replacement information	This unit standard replaced unit standard 24564.
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Planned review date	31 December 2022
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 September 2017	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.