

Title	Service a brake system 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 a brake system on a vehicle or machine.
----------------	---

Classification	Motor Industry > Vehicle Braking Systems
-----------------------	--

Available grade	Achieved
------------------------	----------

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 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:
 - Hazardous Substances and New Organisms Act 1996;
 - Health and Safety at Work Act 2015;
 - Land Transport Rule: Light-vehicle Brakes 2002, Rule 32014;
 - The official New Zealand road code*, New Zealand Transport Agency;
 - and any subsequent amendments or replacements.
- 3 Land Transport Rules are available online at <http://www.nzta.govt.nz/resources/rules/>.
New Zealand Road Code information can be obtained from <http://www.nzta.govt.nz/resources/roadcode/road-code-index.html>.
- 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.

Service information refers to information such as 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 a brake system on a vehicle or machine.

Performance criteria

- 1.1 Brake system is inspected for faults or damage, and findings are recorded.
- Range may include – park brake, service brake, brake lines, brake cylinders.
- 1.2 Brake components are measured to determine serviceability, and results are recorded.
- Range may include – pads, shoes, rotors, drums.
- 1.3 Worn brake components are removed and replaced.
- 1.4 The operation of the brake system is checked and any adjustments are carried out.

Replacement information	This unit standard replaced unit standard 5466.
--------------------------------	---

Planned review date	31 December 2022
----------------------------	------------------

Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	28 September 2017	N/A
Revision	2	16 December 2021	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 Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council qualifications@hangaarorau.nz if you wish to suggest changes to the content of this unit standard.