

<b>Title</b>	<b>Inspect and rectify governor faults on a small engine</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	<p>This unit standard is intended for people in the automotive repair industry.</p> <p>People credited with this unit standard are able to: inspect governor operation; and rectify governor faults on a small engine.</p>
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<b>Classification</b>	Motor Industry > Engines
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<b>Available grade</b>	Achieved
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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 requirements and legislative requirements. This includes the knowledge and use of suitable tools and equipment.
- 2 Performance of the outcomes of this unit standard must comply with the following: Health and Safety at Work Act 2015.
- 3 Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.
- 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 technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.  
*Suitable tools and equipment* means industry approved tools and equipment that are recognised within the industry as refer to the most suited to complete the task in a professional and competent manner with due regard to safe working practices.
- 5 For this unit standard, it is essential that the practical assessment evidence is obtained in the workplace under normal workplace conditions.

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## Outcomes and performance criteria

### Outcome 1

Inspect governor operation on a small engine.

#### Performance criteria

- 1.1 The governor is visually inspected, and any faults are identified and noted.
- Range missing, broken, bent, and seized parts; movement restricted by other parts.
- 1.2 The engine is started and run up to normal operating temperature.
- 1.3 The effectiveness of the governor is determined and noted under no-load and load conditions.
- Range effectiveness may be determined by – engine speed is as specified by the manufacturer, engine speed is steady, engine speed is hunting.

### Outcome 2

Rectify governor faults on a small engine.

#### Performance criteria

- 2.1 Governor faults are rectified to restore full serviceability.
- Range seized parts, damaged parts, lack of lubrication.
- 2.2 Governor parts are replaced.
- Range non-repairable parts, missing parts.
- 2.3 Governor is adjusted.
- 2.4 A check is made to ensure that, after repair and adjustment, the governor operates.

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<b>Planned review date</b>	31 December 2025
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	29 October 1993	31 December 2022
Review	2	4 October 1996	31 December 2022
Review	3	26 February 1999	31 December 2022
Revision	4	13 March 2001	31 December 2022
Review	5	25 January 2008	31 December 2022
Review	6	29 April 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 MITO New Zealand Incorporated [info@mito.org.nz](mailto:info@mito.org.nz) if you wish to suggest changes to the content of this unit standard.