

<b>Title</b>	<b>Inspect and repair damaged motorcycles</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>6</b>

<b>Purpose</b>	<p>This unit standard is intended for people in the motorcycle repair industry.</p> <p>People credited with this unit standard are able to: inspect a damaged motorcycle; and repair the damage to a motorcycle.</p>
----------------	--

<b>Classification</b>	Motor Industry > Automotive Workshop Engineering
-----------------------	--

<b>Available grade</b>	Achieved
------------------------	----------

<b>Prerequisites</b>	Class 6 driver licence.
----------------------	-------------------------

### Guidance Information

- 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.
- Performance of the outcomes of this unit standard must comply with the following:  
Health and Safety at Work Act 2015;  
Vehicle Inspection Requirements Manual (VIRM) In-service Certification;  
Land Transport Rule: Vehicle Repair 1998;  
Land Transport Rule: Vehicle Standards Compliance 2002;  
The Official New Zealand Road Code.
- 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.
- 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* refer to 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 For this unit standard, it is essential that the practical assessment evidence is obtained in the workplace under normal workplace conditions.

---

## Outcomes and performance criteria

### Outcome 1

Inspect a damaged motorcycle.

#### Performance criteria

- 1.1 Repair requirements are obtained.
- Range customer requirements, insurance company requirements, job sheet.
- 1.2 The motorcycle is checked to ensure that all damage is identified and recorded.
- Range visual inspection, measurement against manufacturer's specifications, removal of components to inspect hidden damage.

### Outcome 2

Repair the damage to a motorcycle.

#### Performance criteria

- 2.1 Repairs are carried out.
- Range may include but is not limited to – stripping and replacing damaged components, straightening handlebars, aligning front suspension, straightening fork tubes, straightening steering yokes, checking frame alignment, adjusting steering head.
- 2.2 Outwork repairs are arranged to be carried out.
- Range one of the following – frame straightening, collision repair, crack testing, refinishing, final detailing.
- 2.3 The motorcycle is reassembled, road tested, and groomed.
- 2.4 A check is made to ensure that, after repair and reassembly, the motorcycle operates.

---

<b>Planned review date</b>	31 December 2025
----------------------------	------------------

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	27 February 1995	31 December 2022
Review	2	21 February 1999	31 December 2022
Review	3	20 March 2008	31 December 2022
Review	4	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.