

<b>Title</b>	<b>Rectify faults associated with a motor vehicle body</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	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 correct the alignment of a door, bonnet, and boot lid, rectify dust leaks in a vehicle, and locate and rectify wind noise faults in a vehicle.
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<b>Classification</b>	Motor Industry > Vehicle Bodywork
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<b>Available grade</b>	Achieved
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<b>Entry information</b>	
<b>Recommended skills and knowledge</b>	Outcome 3 requires the driver of the vehicle being tested to have an appropriate driver licence.

### 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 – Health and Safety at Work Act 2015, Traffic Regulations 1976; Land Transport Rules: Door Retention Systems 2001, Rule 32001/1; External Projections 2001, Rule 32008/1; Frontal Impact 2001, Rule 32006/1; Vehicle Repair 1998, Rule 34001; *The Official New Zealand Road Code*, New Zealand Transport Agency.
- Land Transport Rules are available online at <https://www.nzta.govt.nz/>. New Zealand Road Code information can be obtained from the following website <http://www.nzta.govt.nz/resources/roadcode/road-code-index.html>.
- 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 Assessment

For this unit standard, it is essential that the practical assessment evidence is obtained from commercial jobs in the workplace under normal workplace conditions.

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## Outcomes and evidence requirements

### Outcome 1

Correct the alignment of a door, bonnet, and boot lid.

#### Evidence requirements

- 1.1 The need for adjustment is determined by assessing the alignment and closing effort of the component.
- 1.2 Adjacent panels are aligned, gaps between panels are made even as required, and closing effort is to a level acceptable to the customer. All corrections comply with Traffic Regulations and NZTA.  
  
Range          corrections to – hinges, striker plates, bump stops.
- 1.3 Where adjustments will not correct the problem, recommendations for body shop repairs are made to the supervisor.

### Outcome 2

Rectify dust leaks in a vehicle.

#### Evidence requirements

- 2.1 Tests are carried out to the equipment supplier instructions, signs of dust ingress are visually inspected, and the source(s) of all leaks located.
- 2.2 Seals and weatherstrips are inspected visually, and any that are misaligned and/or of poor condition are identified.
- 2.3 Misaligned seals and weatherstrips are refitted, and faulty components are replaced with new parts.
- 2.4 Where necessary to exclude dust, sealants are applied.
- 2.5 Repaired areas are treated to resist corrosion, and coloured to blend with surrounding panels.

**Outcome 3**

Locate and rectify wind noise faults in a vehicle.

**Evidence requirements**

- 3.1 The vehicle is tested in conditions that reproduce and verify the offending noise condition.
- 3.2 The vehicle is visually inspected and any likely causes of wind noise are located and rectified.

<b>Planned review date</b>	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	29 October 1993	31 December 2018
Review	2	4 October 1996	31 December 2018
Review	3	26 February 1999	31 December 2018
Review	4	25 May 2007	31 December 2018
Review	5	21 April 2016	N/A

<b>Consent and Moderation Requirements (CMR) reference</b>	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.

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**Comments on this unit standard**

Please contact the 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.