

<b>Title</b>	<b>Locate and rectify vehicle body rattle, or vibration, or squeak</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>3</b>

<b>Purpose</b>	This unit standard is for people in the collision repair industry. People credited with this unit standard are able to locate the source and determine the cause of a rattle, or vibration or squeak in a vehicle body and rectify the rattle, or vibration, or squeak in a vehicle body.
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<b>Classification</b>	Motor Industry > Vehicle Bodywork
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 Legislation and references  
Performance of the outcomes of this unit standard must comply with the following:  
Health and Safety at Work Act 2015,  
Land Transport Rule, Vehicle Repair 1998, Rule 34001.
- 2 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.
- 3 Reference sources  
Land Transport Rules are available online at <https://www.nzta.govt.nz/>.
- 4 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.
- 5 Assessment  
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.

## Outcomes and performance criteria

### Outcome 1

Locate the source and determine the cause of a rattle, or vibration or squeak in a vehicle body.

#### Performance criteria

1.1 Bodywork or component fault symptoms are interpreted from the customer's explanation(s).

Range type of symptom (rattle, vibration, squeak), when the symptom occurs, area where the symptom occurs, associated factors (noise, weather conditions, road conditions, temperature).

1.2 Source of the fault is isolated and reported to the supervisor.

Range visual inspection, testing.

1.3 Panels, trim and/or other fittings are removed to gain access to the fault.

1.4 Cause of fault is determined by visual inspection and/or testing.

### Outcome 2

Rectify the vehicle body rattle, or vibration, or squeak.

#### Performance criteria

2.1 A recommendation is made and presented to the supervisor on the job requirements to rectify the fault.

Range parts required, estimated time, any additional panel work or outwork.

2.2 Vehicle components causing the rattle, vibration, or squeak are repaired and/or replaced.

2.3 Panels, trim and/or other fittings are refitted.

2.4 The vehicle is retested to ensure the fault has been rectified.

<b>Replacement information</b>	This unit standard and unit standard 22803 replaced unit standard 5469.
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<b>Planned review date</b>	31 December 2027
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**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	19 May 2006	31 December 2018
Review	2	18 August 2016	31 December 2027
Review	3	25 May 2023	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>.

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**Comments on this unit standard**

Please contact Hanga-Aro-Rau Manufacturing, Engineering and Logistics Workforce Development Council [qualifications@hangaarorau.nz](mailto:qualifications@hangaarorau.nz) if you wish to suggest changes to the content of this unit standard.