

Title	Locate and rectify vehicle body rattles, vibration, and squeaks		
Level	4	Credits	3

Purpose	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 the rattle, vibration or squeak in a vehicle body and rectify the rattle, vibration, or squeak in a vehicle body.
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Classification	Motor Industry > Vehicle Bodywork
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Available grade	Achieved
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Explanatory notes

- 1 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).
- 2 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, Land Transport Rule, Vehicle Repair 1998, Rule 34001.
- 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.
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.

Outcomes and evidence requirements

Outcome 1

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

Evidence requirements

- 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 The cause of the fault is determined by visual inspection and/or water leak testing.

Outcome 2

Rectify the vehicle body rattle, vibration, or squeak.

Evidence requirements

- 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.

Replacement information	This unit standard and unit standard 22803 replaced unit standard 5469.
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Planned review date	31 August 2021
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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	N/A

Consent and Moderation Requirements (CMR) reference	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.

Comments on this unit standard

Please contact the SSB MITO New Zealand Incorporated info@mito.org.nz if you wish to suggest changes to the content of this unit standard.