

Title	Describe bolted-on motor body panels and motor vehicle bumpers		
Level	3	Credits	3

Purpose	People credited with this unit standard are able to describe: bolted-on motor body panels; and motor vehicle bumpers.
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Classification	Motor Industry > Vehicle Bodywork
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Available grade	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.
- 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 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 may include – technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.
- 4 Assessment
Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable manufacturers specifications, service information, company requirements and legislative requirements.

Outcomes and performance criteria

Outcome 1

Describe bolted-on motor body panels.

Performance criteria

- 1.1 Types and purposes of bolted-on motor body panels are described.

1.2 Techniques for removing damaged bolted-on motor body panels are described.

Outcome 2

Describe motor vehicle bumpers.

Performance criteria

2.1 Types of motor vehicle bumpers are described.

Range metal, plastic, fibreglass, composite.

2.2 Components and purpose of motor vehicle bumpers are described.

Range cover, brackets, bolts, reinforcing, frame, lamps, energy absorber; sensors incorporated within the bumper including collision avoidance, reversing, parking assist.

2.3 Methods of repairing motor vehicle bumpers are described.

Range use of heat, plastic welding, adhesive bonding, use of fibreglass, use of fillers.

Replacement information	This unit standard replaced unit standard 23983.
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Planned review date	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	20 October 2016	31 December 2023
Review	2	10 December 2020	31 December 2027
Review	3	25 May 2023	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>.

Comments on this unit standard

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