

Title	Demonstrate knowledge of tools and equipment used in the collision repair industry		
Level	2	Credits	3

Purpose	This theory-based unit standard is for people who wish to enter or are employed in the collision repair industry. People credited with this unit standard are able to demonstrate knowledge of tools and equipment used in the collision repair industry.
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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 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.
- 4 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

Demonstrate knowledge of tools and equipment used in the collision repair industry.

Performance criteria

1.1 Purpose and operation of tools and equipment are identified.

Range includes but is not limited to – grinders, dual-action sanders, drills, polishers, heat gun, leads and plugs, air saw, air gun, air hose and connections power ratchet, spanners, pliers, hammers, dollies, spoons, prybars, dent pullers and pull rods, rivet gun, socket set, clip removing tool, tape measure, files wheel brace, vice grips, levers, torque wrench, torque screwbits, spectrometer, c-clamps.

1.2 Safety precautions for using tools are identified.

Range hand, electric, pneumatic, battery operated.

1.3 Methods of maintaining tools and equipment are described.

Range hand, electric, pneumatic, battery operated.

Replacement information	This unit standard and unit standard 21713 replaced unit standard 16099.
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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	27 July 2005	31 December 2018
Review	2	18 August 2016	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.