

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

<b>Purpose</b>	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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<b>Classification</b>	Motor Industry > Vehicle Bodywork
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<b>Available grade</b>	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.
- 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.
- 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.

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### Outcomes and evidence requirements

#### Outcome 1

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

## Evidence requirements

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, torx sockets, 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.

<b>Replacement information</b>	This unit standard and unit standard 21713 replaced unit standard 16099.
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<b>Planned review date</b>	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	27 July 2005	31 December 2018
Review	2	18 August 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 SSB 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.