

<b>Title</b>	<b>Select and use fastening systems in the automotive industry</b>		
<b>Level</b>	<b>2</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	People credited with this unit standard are able to select and use metal fastening systems; use pop rivets; select and use plastic fastening systems; and, select and apply adhesives, in the automotive industry.
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<b>Classification</b>	Motor Industry > Automotive Workshop Engineering
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<b>Available grade</b>	Achieved
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### Guidance Information

- 1 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. This includes the knowledge and 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 the Health and Safety at Work Act 2015; and any subsequent amendments and replacements.
- 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 It is recommended that people seeking credit for this unit standard should first hold Unit 21714, *Demonstrate knowledge of fastening systems used in the automotive industry* or demonstrate equivalent knowledge and skills before proceeding with this standard.

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### Outcomes and performance criteria

#### Outcome 1

Select and use metal fastening systems in the automotive industry.

Range evidence of five metal fastening systems.

**Performance criteria**

- 1.1 Fastener is selected.
- 1.2 Fastener is secured and/or torqued.
- 1.3 Locking devices are selected to enable the components to be secured.

**Outcome 2**

Use pop rivets in the automotive industry.

**Performance criteria**

- 2.1 Correct rivet type and size is selected, and hole is drilled.
- 2.2 Rivet is used so the materials joined are secure.

**Outcome 3**

Select and use plastic fastening systems in the automotive industry.

Range evidence of three plastic fastening systems.

**Performance criteria**

- 3.1 Fastening systems and methods of attachment are selected.
- 3.2 Fastening system is used so that the materials are secured.

**Outcome 4**

Select and apply adhesives in the automotive industry.

Range adhesives may include - adhesive compounds, double-sided tape, seam sealer tape;  
evidence of three adhesives is required.

**Performance criteria**

- 4.1 Adhesive types are selected.
- 4.2 Pre-treatment of surfaces is carried out.
- 4.3 Adhesive is applied, and the materials are secured.

<b>Replacement information</b>	This unit standard and unit standard 21714 replaced unit standard 3883.
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<b>Planned review date</b>	31 December 2025
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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	21 April 2016	31 December 2018
Revision	3	8 December 2016	31 December 2023
Review	4	10 December 2020	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>.

#### Comments on this unit standard

Please contact the 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.