

<b>Title</b>	<b>Prepare and install a sunroof to a vehicle</b>		
<b>Level</b>	<b>3</b>	<b>Credits</b>	<b>4</b>

<b>Purpose</b>	This unit standard is for people in the automotive repair and glass industries. People credited with this unit standard are able to prepare to install a sunroof to a vehicle, and install a sunroof to a vehicle.
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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

- The following legislation, standards, and their amendments are required to be consulted and followed where applicable:
  - Health and Safety in Employment Act, 1992
  - Transport (Vehicle Standards) Regulations, 1990.
- Reference to *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 to a professional and competent manner with due regard to safe working practices.

### Outcomes and evidence requirements

#### Outcome 1

Prepare to install a sunroof to a vehicle.

#### Evidence requirements

- 1.1 The legal and vehicle manufacturer's warranty implications are identified and reported to the customer.
- 1.2 A registered engineer's certificate of approval is obtained in instances where the structural integrity of the body is altered by cutting the hole.
- 1.3 Suitable tools and equipment are selected and used to enable a sunroof to be fitted.
- 1.4 Protection for the vehicle paintwork and upholstery is positioned to collect filings and shavings.

**Outcome 2**

Install a sunroof in a vehicle.

**Evidence requirements**

- 2.1 Safe working practices are observed throughout the task.
- Range personal safety, safety of others, equipment and vehicle safety.
- 2.2 A hole is cut in the roof and headlining, of the right shape and size for the sunroof that is to be fitted, and in a position, approved by the customer, that does not reduce the strength of the vehicle body.
- 2.3 The edges of the hole are dressed and treated to prevent corrosion.
- 2.4 Arrangements are made to reposition interior lights to maintain the intended function.
- 2.5 The sunroof is fitted to the prepared aperture to be operational, with no water leaks, and having an appearance satisfactory to the customer.

**This unit standard is expiring. Assessment against the standard must take place by the last date for assessment set out below.**

**Status information and last date for assessment for superseded versions**

Process	Version	Date	Last Date for Assessment
Registration	1	29 October 1993	31 December 2016
Review	2	4 October 1996	31 December 2016
Review	3	26 February 1999	31 December 2016
Review	4	25 February 2008	31 December 2016
Rollover	5	19 November 2010	31 December 2016

<b>Accreditation and Moderation Action Plan (AMAP) reference</b>	0014
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This AMAP 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, or an inter-institutional body with delegated authority for quality assurance, 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.

Consent requirements and an outline of the moderation system that applies to this standard are outlined in the Accreditation and Moderation Action Plan (AMAP). The AMAP 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.

**This unit standard is expiring**