

Title	Make and repair a convertible top and side curtains for a vehicle		
Level	4	Credits	10

Purpose	People credited with this unit standard are able to: demonstrate knowledge of convertible tops and side curtains for a vehicle; prepare to make a convertible top and side curtains; make a convertible top and side curtains; prepare to repair a convertible top, frame, and side curtains; repair a convertible top, frame, and side curtains; and attach a convertible top and side curtains to a vehicle.
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Classification	Industrial Textile Fabrication > Vehicle Trimming and Upholstery
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Available grade	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 manufacturer's information, company requirements, industry guidelines 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 Health and Safety at Work Act 2015; and any subsequent amendments and replacements.
- 3 Definitions

Company requirements refers 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.

Industry guidelines refers to those practices and procedures commonly used as standard procedures to produce items of acceptable merchantable quality in the industrial textile fabrication industry such as related textbook descriptors.

Manufacturer's information refers to technical information for a machine or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.

Suitable tools and equipment refer to industry approved tools and equipment that are recognised within the industry as being the most suited to complete the task in a professional and competent manner with due regard to safe working practices.

Outcomes and performance criteria

Outcome 1

Demonstrate knowledge of convertible tops and side curtains for a vehicle.

Performance criteria

- 1.1 Materials that make up convertible tops and side curtains are identified.
- Range may include – fabric, frame, windows, bows, webbings or pads, hood, side linings.
- 1.2 Methods of attaching convertible tops and side curtains to the frame and vehicle are identified.
- Range may include – adhesives, buttons, clips, bolts, brackets, screws, staples.
- 1.3 Methods of attaching windows to the fabric are identified.
- 1.4 The different types of hood and side linings are identified.

Outcome 2

Prepare to make a convertible top and side curtains.

Performance criteria

- 2.1 Customer requirements and job specifications are identified, and are verified.
- 2.2 A template is made.

Outcome 3

Make a convertible top and side curtains.

Performance criteria

- 3.1 Fabric is identified and marked out.
- 3.2 Material is cut to size within specified tolerances.
- Range may include – sections, windows.
- 3.3 Sections are attached.
- Range straight and even, curves and bends uniform, no loose or missed stitches, seams overlap and shed water; allowance of $\pm 2\text{mm}$.
- 3.4 Windows are identified, aligned, and fitted.

3.5 Attachment points to the frame are identified, and fastenings are attached.

Outcome 4

Prepare to repair a convertible top, frame, and side curtains.

Performance criteria

4.1 Damage and repair procedures are identified.

Range may include – hood, side linings, webbings, padding, bows, windows, frames.

4.2 Hood is removed from the frame.

Outcome 5

Repair a convertible top, frame, and side curtains.

Performance criteria

5.1 Replacement fabric to repair damage is identified.

5.2 Fabric is marked out and cut to size within specified tolerances.

Range complete section, part section.

5.3 Damaged section is repaired.

Range may include – straight and even, curves and bends uniform, no loose or missed stitches; allowance of ± 2 mm.

5.4 Damaged windows are identified, and are replaced.

5.5 Damaged bows are identified, repaired, and recovered.

5.6 Webbings and pads are repaired.

5.7 Damaged frame is identified and repaired, and checked for operation.

Outcome 6

Attach a convertible top and side curtains to a vehicle.

Performance criteria

6.1 Hood is attached to the vehicle and checked for operation.

Range secure, no loose threads, loose stitching, wrinkles, creases, damage, lining clean, weatherproof.

Planned review date	31 December 2026
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	21 August 1996	31 December 2023
Revision	2	14 November 2000	31 December 2023
Revision	3	16 October 2003	31 December 2023
Review	4	26 March 2007	31 December 2023
Rollover and Revision	5	27 January 2015	31 December 2023
Review	6	25 November 2021	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.