

<b>Title</b>	<b>Repair a damaged motor vehicle panel using glass reinforced plastic (GRP)</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>2</b>

<b>Purpose</b>	People credited with this unit standard are able to repair a damaged motor vehicle panel using GRP.
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<b>Classification</b>	Motor Industry > Vehicle Bodywork
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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 For this unit standard, it is essential that the practical assessment evidence is obtained in the workplace under normal workplace conditions.
- 5 It is recommended that people first hold credit for Unit 23986, *Demonstrate knowledge of glass reinforced plastic (GRP) and working with GRP repair kits for motor vehicles*, or equivalent knowledge and skills before being assessed against this unit standard.

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### Outcomes and performance criteria

#### Outcome 1

Repair a damaged motor vehicle panel using GRP.

**Performance criteria**

- 1.1 Panel surface is prepared for repairs.
- Range may include – pre-cleaning, gaining adhesion, no loose or ragged edges, clamping.
- 1.2 Resin and catalyst are mixed, and the fibreglass is applied.
- Range temperature, humidity.
- 1.3 Filler is applied and sanded down to a smooth level surface that blends in with the undamaged areas.
- 1.4 The repair is checked to ensure there are no deep sanding scratches or irregularities that will impair painting.

<b>Replacement information</b>	This unit standard and unit standard 23986 replaced unit standard 5764.
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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	26 November 2007	31 December 2019
Review	2	16 February 2017	31 December 2023
Review	3	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 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.