

Title	Remove, repair, and replace a damaged motor vehicle plastic bumper		
Level	4	Credits	4

Purpose	People credited with this unit standard are able to remove a damaged plastic bumper from a motor vehicle, and repair and replace a plastic bumper on a motor vehicle.
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Classification	Motor Industry > Collision Repair
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Available grade	Achieved
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Guidance Information

- 1 Legislation and references
Performance of the outcomes of this unit standard must comply with the following:
Health and Safety at Work Act 2015.
- 2 Any new, amended or replacement Acts, regulations, standards, codes of practice, guidelines, or authority requirements or conditions affecting this unit standard will take precedence for assessment purposes, pending review of this unit standard.
- 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 – vehicle structural repairer code of practice, technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.
- 4 Assessment
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.
- 5 It is recommended that people hold credit for Unit 23741, *Demonstrate knowledge of plastics and plastic composite repairs used in the collision repair industry*, and Unit 23742, *Repair plastic components in the motor and related industries*, or demonstrate equivalent knowledge and skills before being assessed against this unit standard.
- 6 Evidence of 3 plastic bumpers is required.

Outcomes and performance criteria

Outcome 1

Remove a damaged plastic bumper from a motor vehicle.

Performance criteria

- 1.1 Method of attachment and access are assessed.
- 1.2 Parts that are likely to interfere with removal are removed or straightened.
- Range may include – damaged panels, damaged brackets, tow bar, lights, guard liners, grille, spoiler, wiring, parking antennas, coolant hoses and lines, electronic sensors.
- 1.3 Bumper is removed.

Outcome 2

Repair and replace a plastic bumper on a motor vehicle.

Performance criteria

- 2.1 Parts are removed from the bumper to enable repairs to be carried out, and salvageable parts are stored until required.
- Range may include but is not limited to – brackets, bolts, reinforcing, frame, lamps.
- 2.2 Brackets, supports, and frame are replaced or straightened to their original shape.
- 2.3 Plastic componentry is identified and replaced or repaired to its original shape.
- 2.4 Preparation for painting is carried out ensuring there are no imperfections that may impair painting.
- Range filling, sanding.
- 2.5 Repaired and prepared bumper is painted to its original colour and finish.
- Range may include either – painted in-house or outsourced.
- 2.6 Bumper is reassembled, refitted, and secured to the vehicle in its original position.

Replacement information	This unit standard, unit standard 23983, and unit standard 23985 replaced unit standard 5759.
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Planned review date	31 December 2027
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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 2018
Review	2	21 April 2016	31 December 2023
Review	3	10 December 2020	31 December 2027
Review	4	25 May 2023	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.