

<b>Title</b>	<b>Make and fit a vehicle door in the coachbuilding industry</b>		
<b>Level</b>	<b>4</b>	<b>Credits</b>	<b>8</b>

<b>Purpose</b>	People credited with this unit standard are able to: measure, mark out, and cut materials for the door; and assemble and shape panelling and frames, and fit door to a vehicle.
----------------	---

<b>Classification</b>	Motor Industry > Coachbuilding
-----------------------	--------------------------------

<b>Available grade</b>	Achieved
------------------------	----------

---

### Guidance Information

- 1 Evidence presented for assessment against this unit standard must be consistent with safe working practices and be in accordance with applicable 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 Health and Safety at Work Act 2015 and any subsequent amendments or 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* refers to information such as technical information for a vehicle, machine, or product detailing operation; installation and servicing procedures; manufacturer instructions; technical terms and descriptions; and detailed illustrations.
- 4 Range  
 Vehicle doors may include bus doors, entrance doors, locker doors, access doors.

---

### Outcomes and performance criteria

#### Outcome 1

Measure, mark out, and cut materials for the door.

#### Performance criteria

- 1.1 Panel material is measured and legibly marked out.

Range allowance for windows, hinge mounts, locks, seals.

- 1.2 Framing materials are measured and legibly marked out.
- 1.3 Materials are cut to size.
- 1.4 All measurements are checked.
- 1.5 Painting and anti-corrosion procedures are carried out.

## Outcome 2

Assemble and shape panelling and frames, and fit door to a vehicle.

### Performance criteria

- 2.1 Frame is assembled.
- Range may include – welding, adhesives, mechanical fasteners.
- 2.2 Panel is shaped to the frame.
- Range may include – hammer formed, folded, rolled, swaged.
- 2.3 Panel-to-frame joints are sealed, and the panel is attached to the frame.
- Range may include – welding, adhesives, mechanical fasteners.
- 2.4 Painting and anti-corrosion procedures are carried out on additional exposed areas of the door.
- 2.5 Attachments are fitted to the door.
- 2.6 Door is fitted to the vehicle.
- Range may include – stays adjusted, pivot points as specified, hinges sealed, gaps checked.

---

<b>Planned review date</b>	31 December 2025
----------------------------	------------------

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

Process	Version	Date	Last Date for Assessment
Registration	1	25 September 1997	31 December 2023
Revision	2	14 November 200	31 December 2023
Revision	3	16 October 2003	31 December 2023
Review	4	25 February 2008	31 December 2023
Review	5	25 November 2021	N/A

**Consent and Moderation Requirements (CMR) reference**

0014

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](mailto:qualifications@hangaarorau.nz) if you wish to suggest changes to the content of this unit standard.