

Title	Carry out assembly of body components on a vehicle assembly line in the coachbuilding industry		
Level	3	Credits	10

Purpose	This unit standard is for people who work in the coachbuilding industry. People credited with this unit standard are able to prepare to assemble body components on a vehicle assembly line in the coachbuilding industry, and assemble the components
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Classification	Motor Industry > Coachbuilding
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Available grade	Achieved
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Guidance Information

- 1 Legislation relevant to this unit standard includes but is not limited to – Health and Safety in Employment Act 1992; Land Transport Rules.
- 2 Land Transport Rules are produced for the Minister of Transport by Land Transport New Zealand. These rules are available online at <http://www.landtransport.govt.nz/rules/>.
- 3 Definitions

Company requirements refer to instructions to staff on policy and procedures which are documented in memo or manual format and are available in the workplace. These requirements include but are not limited to – company specifications and procedures, work instructions, manufacturer specifications, product quality specifications, and legislative requirements.

Suitable tools, materials, and equipment means industry approved tools, materials, 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.

Team applies to any team or group area in the assembly process.

Outcomes and performance criteria

Outcome 1

Prepare to assemble body components on a vehicle assembly line in the coachbuilding industry.

Performance criteria

- 1.1 Suitable tools, materials, and equipment that enable assembly to be carried out are identified in accordance with company requirements.
- Range may include but is not limited to – jigs, hammers, spot welder, gas metal arc welder, sealer guns, primer applicator.
- 1.2 Vehicle information is received, identified, and entered into computer, control board, or line sheet in accordance with company requirements.
- 1.3 Vehicle body manufacturer data or process sheets are identified, monitored, and maintained in accordance with company requirements.
- 1.4 Components that make up the assembly are checked, and defective components are identified, recorded, and reported, and arrangements made to replace these in accordance with company requirements.
- 1.5 Jigs are checked, and any defects are identified, recorded, and reported in accordance with company requirements.
- Range includes but is not limited to – no build up of materials, setting, locks working.
- 1.6 Spot welder is checked, and any defects are identified, recorded, and reported, and arrangements made for rectification in accordance with company requirements.
- Range includes but is not limited to – tips clean and in good condition, tips changed as necessary, gauges operating.
- 1.7 Supervisor instructions are carried out in accordance with company requirements.

Outcome 2

Assemble the components.

Performance criteria

- 2.1 Safe working practices are carried out throughout the task in accordance with legislative requirements.
- Range personal safety, safety of others, vehicle safety, workshop safety, environmental safety, tools and equipment safety.
- 2.2 Surfaces to be joined are cleaned and priming and sealing are carried out in accordance with company requirements.
- 2.3 Components are positioned in the jig in accordance with company requirements.

- 2.4 Components are assembled in accordance with company requirements.
- 2.5 Safety critical areas are checked and are in accordance with company requirements.
- 2.6 Holes are made as necessary in accordance with company requirements.
- Range may include but is not limited to – punch, drill, hole saw.
- 2.7 Work is checked, all components operate, and all fits are in accordance with company requirements.
- 2.8 Body assembly is transported to storage or next stage of assembly in accordance with company requirements.
- Range hoist or trolley.
- 2.9 Line card is marked off or computer check is completed as necessary in accordance with company requirements.
- 2.10 Parts stock is monitored, and deficiencies and shortages are identified, recorded, and reported in accordance with company requirements.
- 2.11 Problems encountered in the assembly process are identified, recorded, and reported in accordance with company requirements.
- Range includes but is not limited to – holes not lined up, parts not fitting, spot damage, tools and equipment.
- 2.12 Work area is kept clean in accordance with company requirements.

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	28 May 1997	31 December 2023
Reinstatement	2	25 February 2008	31 December 2023
Review	3	24 June 2021	31 December 2023

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>.