

Title	Assemble parts on a vehicle chassis 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 components on a vehicle chassis in the coachbuilding industry; fit chassis components on a vehicle chassis; and check assembled components and complete documentation.
----------------	--

Classification	Motor Industry > Coachbuilding
-----------------------	--------------------------------

Available grade	Achieved
------------------------	----------

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 and equipment means 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

Prepare to assemble components on a vehicle chassis in the coachbuilding industry.

Performance criteria

- 1.1 Suitable tools and equipment for assembling the chassis are selected in accordance with company requirements.

Range may include but is not limited to – spanners, sockets, levers, special tools.

- 1.2 Chassis components required for the type of chassis are identified in accordance with company requirements.
- 1.3 Safety critical items are identified in accordance with company requirements.

Outcome 2

Fit chassis components on a vehicle chassis.

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 Wheels, axles, and springs are fitted in accordance with company requirements.
- 2.3 Pipes and wiring are fitted in accordance with company requirements.
- 2.4 Fuel tank and accessories are fitted in accordance with company requirements.
- 2.5 Air tanks and accessories are fitted in accordance with company requirements.
- 2.6 Engine and transmission assemblies are fitted in accordance with company requirements.
- 2.7 Components, as identified for the type of chassis, are fitted in accordance with company requirements.
- Range components may include but are not limited to – exhaust systems, steering, suspension.
- 2.8 All bolts are tightened to the recommended torque and marked in accordance with company requirements.
- 2.9 All connections are fitted in accordance with company requirements.
- 2.10 Cross threaded bolts are recorded and rectified in accordance with company requirements.

Outcome 3

Check assembled components and complete documentation.

Performance criteria

- 3.1 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.
- 3.2 Work is checked, and all components operate, in accordance with company requirements.
- 3.3 Defective parts are identified and processed in accordance with company requirements.
- 3.4 Safety critical areas are checked, marked, and recorded in accordance with company requirements.
- 3.5 Problems encountered with the assembly process are identified, recorded, and reported in accordance with company requirements.

Range include but is not limited to – holes not lined up, parts not fitting, defective equipment and tools.
- 3.6 Tools and equipment are returned to their places, and the work area is cleaned 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
--	------

This CMR can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.