



Australian Government

AURBTA103 Assemble bicycles

Release: 1

AURBTA103 Assemble bicycles

Modification History

Release	Comments
Release 1	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0

Application

This unit describes the skills and knowledge required to assemble bicycles from a semi-assembled state. The unit involves preparing for the work, selecting and using specialist tools and equipment, selecting bicycle components, assembling bicycle frames, fitting, adjusting and testing bicycle components and accessories, and completing workplace processes and documentation.

The unit applies to those working in the bicycle retail, service and repair industry.

No licensing, legislative, regulatory or certification requirements apply to this unit at the time of publication.

Unit Sector

Bicycle Technical

Elements and Performance Criteria

ELEMENTS	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Prepare to assemble bicycle	1.1 Determine job requirements from workplace instructions 1.2 Access and interpret bicycle manufacturer assembly specifications and the Australian Competition and Consumer Commission (ACCC) product safety standards relating to bicycles 1.3 Identify hazards associated with the work and manage risks 1.4 Select and check assembly tools and equipment, including personal protective equipment (PPE), for serviceability 1.5 Prepare work area and plan work to minimise waste and use time efficiently
2. Select components	2.1 Select components according to job specifications

ELEMENTS	PERFORMANCE CRITERIA
	2.2 Remove components from packaging and inspect for quality 2.3 List and report components identified as damaged or faulty to required personnel according to workplace procedures
3. Fit, test and adjust components	3.1 Fit components to bicycle frame according to assembly plan, manufacturer specifications, and safety and environmental requirements, without causing damage to components or systems 3.2 Lubricate components and adjust torque and tensions according to manufacturer assembly specifications 3.3 Inspect and test assembled bicycle for required tension of components and operation, and adjust as required according to workplace procedures 3.4 Check assembly to ensure it complies with ACCC product safety standards
4. Complete work processes	4.1 Conduct final inspection according to workplace procedures and confirm bicycle is ready for use 4.2 Clear work area and dispose of or recycle materials according to workplace procedures 4.3 Complete documentation according to workplace procedures

Foundation Skills

This section describes those language, literacy, numeracy and employment skills that are essential to performance but not explicit in the performance criteria.

SKILL	DESCRIPTION
Learning	Locates required sources of information efficiently.
Numeracy	Interprets numerical information to match component codes, serial numbers and manufacturer specifications.
Planning and organising	- Plans own work requirements - Prioritises actions to achieve required outcomes - Ensures tasks are completed within workplace timeframes.
Technology	Uses specialist bicycle tools and equipment in line with workplace procedures.

Unit Mapping Information

Supersedes and is equivalent to AURBTA003 Assemble bicycles.

Links

Companion Volume Implementation Guide is found on VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=b4278d82-d487-4070-a8c4-78045ec695b1>