



Australian Government

AURBTK101 Maintain specialised bicycle repair tools and equipment

Release: 1

AURBTK101 Maintain specialised bicycle repair tools and equipment

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 maintain specialised tools and equipment used when servicing and repairing bicycles. The unit involves preparing for the work, identifying correct tools and equipment, maintaining them according to manufacturer specifications, 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 – Tools and Equipment

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. Select and prepare specialised bicycle tools and equipment	1.1 Determine job requirements from workplace instructions 1.2 Access and interpret manufacturer operating instructions relating to tools and equipment, workplace procedures, and safety and environmental requirements 1.3 Identify hazards associated with the work and manage risks within scope of own role 1.4 Select and check personal protective equipment (PPE) for serviceability
2. Service and maintain tools and equipment	2.1 Service, adjust and maintain tools and equipment according to workplace procedures and manufacturer schedules 2.2 Identify, remove and report damaged or worn tools and

ELEMENTS	PERFORMANCE CRITERIA
	equipment according to workplace procedures 2.3 Report quality issues as required to authorised personnel
3. Complete work processes	3.1 Conduct final inspection according to workplace procedures and confirm vehicle is ready for use 3.2 Clear work area and dispose of or recycle materials according to workplace procedures 3.3 Update and maintain maintenance logs and report regularly 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 labels and instructions to determine differences between metric and imperial tools, including sizes.
Planning and organising	- Plans own work requirements - Prioritises actions to achieve required outcomes - Ensures tasks are completed within workplace timeframes.
Technology	Uses specialised bicycle tools and equipment in line with workplace procedures.

Unit Mapping Information

Supersedes and is equivalent to AURBTK001 Maintain specialised bicycle repair tools and equipment.

Links

Companion Volume Implementation Guide is found on VETNet -

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

Assessment Requirements for AURBTK101 Maintain specialised bicycle repair tools and equipment

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Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including evidence of the ability to:

- perform maintenance on at least three different specialised bicycle repair tools
- complete log or report relating to maintenance of above tools.

Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements, performance criteria and foundation skills of this unit, including knowledge of:

- methods to locate and interpret information required to maintain specialised bicycle repair tools and equipment, including:
 - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to maintain specialised bicycle repair tools and equipment, including:
 - establishing serviceability of tools and equipment
 - documentation procedures
 - housekeeping procedures, including:
 - examination of tools and equipment
 - storage of equipment
 - identification, tagging and isolation of faulty equipment
 - disposal of excess materials
 - recycling procedures
- work health and safety (WHS) requirements relating to maintaining specialised bicycle repair tools and equipment, including procedures for:
 - manually handling the tools
 - identifying workplace hazards
 - using personal protective equipment (PPE)
 - environmental requirements, including procedures for disposing of waste materials

- types and uses of hand tools, including:
 - sockets and ratchets
 - spanners, including ring spanners, open-ended spanners
 - allen keys
 - screwdrivers
- methods of identifying faults in specialised bicycle repair tools and equipment
- reporting procedures relating to specialised bicycle repair tools and equipment.

Assessment Conditions

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessment must include direct observation of tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to the specialised bicycle repair tools and equipment they have maintained, e.g. work orders.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- workplace instructions detailing job requirements
- PPE required to maintain specialised bicycle repair tools and equipment
- maintenance schedules of specialised bicycle repair tools and equipment
- operating instructions or manuals relating to specialised tools and equipment
- specialised tools and equipment appropriate for repairing bicycles.

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards.

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