



**Australian Government**

# **AURBTA108 Disassemble and pack a bicycle for transport**

**Release: 1**

# AURBTA108 Disassemble and pack a bicycle for transport

## 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 disassemble and pack a bicycle for transport. It involves the skills and knowledge required to prepare to pack a bicycle for transport, disassemble a bicycle, select appropriate packing material and pack a bicycle for transport following the relevant operating procedures and codes of practice required for the task whilst completing workplace processes and documentation.

The unit applies to those working in the bicycle sales and service and repair industry. This unit does not apply to light and heavy vehicle engines.

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 pack a bicycle for transport       | 1.1 Determine job requirement from workplace instructions<br>1.2 Identify hazards and manage risks associated with packing bicycle for transport<br>1.3 Analyse and select method to pack bicycle for transit according to manufacturer instructions and workplace procedures |
| 2. Disassemble bicycle                           | 2.1 Source and interpret service information to disassemble bicycle<br>2.2 Inspect, check and select tools, equipment and materials for serviceability                                                                                                                        |

| ELEMENTS                      | PERFORMANCE CRITERIA                                                                                                                                                                                                                                                                               |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                               | 2.3 Identify hazards and manage risks associated with the work<br>2.4 Disassemble bicycle according to workplace and manufacturer procedures                                                                                                                                                       |
| 3. Pack bicycle for transport | 3.1 Carry out packing of bicycle into determined transport container according to workplace procedures<br>3.2 Inspect transport container and confirm bicycle is secure and seal transport container<br>3.3 Report condition of transport container and document according to workplace procedures |
| 4. Complete work processes    | 4.1 Conduct final inspection according to workplace procedures and confirm vehicle is ready for use<br>4.2 Clear work area and dispose of or recycle materials according to workplace procedures<br>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 and are not explicit in the performance criteria.*

| SKILL              | DESCRIPTION                                                                                                                                            |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Learning           | <ul style="list-style-type: none"><li>Locates required sources of information efficiently.</li></ul>                                                   |
| Numeracy           | <ul style="list-style-type: none"><li>Calculates weights and volumes, including multiplication, division, addition and subtraction.</li></ul>          |
| Oral communication | <ul style="list-style-type: none"><li>Clarifies instructions</li><li>Reports inspection findings and makes packing recommendations.</li></ul>          |
| Reading            | <ul style="list-style-type: none"><li>Interprets information from manufacturer and workshop literature when packing a bicycle for transport.</li></ul> |
| Problem solving    | <ul style="list-style-type: none"><li>Refers problems outside area of responsibility to appropriate person.</li></ul>                                  |

## Unit Mapping Information

New unit.

## Links

Companion Volume implementation guides are found in VETNet -

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

# Assessment Requirements for AURBTA108 Disassemble and pack a bicycle for transport

## Modification History

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

## 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:

- disassemble and pack two bicycles into one of the following containers, selecting a different container type for each bicycle:
  - manufacturer provided cardboard box
  - soft bicycle transit bag
  - hard shell bicycle case.

## 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 disassemble and pack a bicycle into a box, including:
  - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to disassemble and pack a bicycle into a box, 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 disassembling a bicycle and packing for transit, including:
  - securing all disassembled components
  - maintaining structure and integrity of the transport container

- inspection procedures for packing a bicycle into a container, including:
  - identifying protrusions
  - identifying vulnerable and critical components
  - selecting the transport container for the application
- post-packing testing procedures for packing a bicycle into a container, including tests across vulnerable components of transport container.

## 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 disassembling and packing a bicycle into a transport container equipment that they have worked on, e.g. logistics 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:

- bicycle repair workplace or simulated workplace
- workplace instructions
- manufacturer specifications
- two bicycles specified in the performance evidence and requiring disassembly
- tools, equipment and materials appropriate for disassembling and packing bicycles.

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

## Links

Companion Volume implementation guides are found in VETNet -

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