



Australian Government

Assessment Requirements for AURBT103 Repair and overhaul bicycle steering systems

Release: 1

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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:

- repair and overhaul at least three different bicycle steering systems according to manufacturer specifications
- in the course of the above work, repair and overhaul the following components:
 - forks
 - headsets
 - handlebars and stems.

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 repair and overhaul bicycle steering systems, including:
 - information provided by customer and supervisors
 - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to repair and overhaul bicycle steering systems, 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 repairing and overhauling bicycle steering systems, including procedures for:
 - manually handling bicycles and their steering systems
 - identifying workplace hazards
 - using tools and equipment, including personal protective equipment (PPE)
- environmental requirements, including procedures for disposing of waste materials
- key bicycle steering system terminology
- purpose of bicycle steering systems and their relationship to suspension, wheels, drivetrain, frame and braking systems
- operating principles of steering system components, including:
 - forks
 - headsets
 - handlebars and stems
- types and use of tools and equipment used to repair and overhaul bicycle steering systems
- techniques and processes for repairing and overhauling bicycle steering systems, including:
 - identification of bicycle steering components, materials and specifications
 - selection and checking of personal protective equipment
 - fault identification
 - measuring techniques
 - steering system adjustment techniques.
 - steering system testing procedures.

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 bicycle steering systems that they have repaired and overhauled, e.g. repair 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 workplace or simulated workplace, including location to test bicycle steering system
- workplace instructions detailing job requirements
- manufacturer specifications and technical information for bicycle steering systems
- PPE required to repair and overhaul bicycle steering systems
- component parts as required
- three different bicycles with steering systems requiring repair and overhaul

- tools and equipment appropriate for repairing and overhauling bicycle steering systems.

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 Guide is found on VETNet -

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