



Australian Government

AURBTD101 Service bicycle steering systems

Release: 1

AURBTD101 Service bicycle steering systems

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 service bicycle steering systems. It involves preparing for the work, selecting and using specialist tools and equipment, inspecting, servicing and testing the bicycle steering system, 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 – Steering and Suspension

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 service bicycle steering system	1.1 Identify job requirements are determined from workplace instructions 1.2 Inspect condition of steering system for faults and worn or damaged components and overall condition using visual inspection methods and by comparing measurements against manufacturer specifications 1.3 Identify hazards associated with the work and manage risks 1.4 Select and check materials, parts, tools and equipment, including personal protective equipment (PPE), for serviceability 1.5 Prepare work area and plan service sequence, including post-service testing, to avoid damage to bicycle, minimise

ELEMENTS	PERFORMANCE CRITERIA
	waste and use time efficiently
2. Carry out service of steering system	2.1 Use tools and equipment according to workplace procedures and manufacturer specifications 2.2 Service bicycle steering system according to job requirements, manufacturer specifications, and safety and environmental requirements 2.3 Test operation of serviced steering system through its full range and make adjustments as required 2.4 Report results and quality issues to authorised personnel as required
3. Complete work processes	3.1 Conduct final inspection according to workplace procedures and confirm bicycle is ready for use 3.2 Clear work area and dispose of or recycle materials according to workplace procedures 3.3 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	<ul style="list-style-type: none"> Locates required sources of information efficiently.
Oral communication	<ul style="list-style-type: none"> Asks questions to clarify instructions and requirements.
Numeracy	<ul style="list-style-type: none"> Completes measurements to determine steering system condition and operation.
Problem solving	<ul style="list-style-type: none"> Identifies technical and operational faults and defects, quality issues and potential problems associated with bicycle steering system during service activities.
Technology	<ul style="list-style-type: none"> Uses specialist bicycle tools and equipment in line with workplace procedures.

Unit Mapping Information

Supersedes and is equivalent to AURBTD001 Service bicycle steering systems.

Links

Companion Volume implementation guides are found in VETNet -

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