



Australian Government

AURJTA001 Carry out minor adjustments to motorcycles

Release: 1

AURJTA001 Carry out minor adjustments to motorcycles

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to carry out minor adjustments to motorcycle systems, components and equipment. It involves preparing for the work, inspecting the motorcycle and determining the work requirement, carrying out minor adjustments, and completing workplace processes and documentation.

It applies to those undertaking a Vocational Education and Training in Schools (VETiS) or pre-vocational qualification as preparation for entering the automotive retail, service and repair industry. The unit is designed for use in a highly supervised context and is not suitable for use in a vocational qualification.

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

Competency Field

Mechanical - Motorcycle

Unit Sector

Technical

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.
1. Prepare to carry out minor adjustments	1.1 Task instructions are interpreted and motorcycle to be worked on is identified 1.2 Motorcycle component information is sourced and interpreted

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.
	1.3 Potential hazards and risks associated with the task are identified and reported to workplace supervisor 1.4 Tools and equipment are selected and checked for serviceability
2. Inspect motorcycle and determine work requirement	2.1 Inspection is carried out according to workplace procedures and safety requirements 2.2 Inspection results are compared with manufacturer specifications 2.3 Inspection findings are reported according to workplace procedures, including recommendations for necessary minor adjustments
3. Undertake minor adjustment activities	3.1 Adjustment options are analysed and those most appropriate to the circumstances are selected 3.2 Adjustments are carried out according to manufacturer specifications and workplace procedures, and without causing damage to components or systems 3.3 Post-adjustment testing is carried out to ensure safe and correct operation of motorcycle
4. Complete work processes	4.1 Final inspection is made to ensure work meets task instructions and workplace standards 4.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored 4.3 Tools and equipment are checked and stored according to workplace procedures 4.4 Workplace documentation is processed 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.

Skills	Description
Learning skills to:	locate appropriate information.
Reading skills to:	interpret key information from manufacturer specifications, workplace procedures and safety requirements relating to adjustment procedures and specifications.

Skills	Description
Writing skills to:	legibly and accurately fill out workplace documentation, including tags, using correct industry terminology and conventions.
Oral communication skills to:	participate effectively in verbal exchanges using questioning and active listening to request, clarify and clearly convey information.
Numeracy skills to:	measure component tolerances and compare findings with manufacturer specifications.

Range of Conditions

This section specifies work environments and conditions that may affect performance. Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included. Bold italicised wording, if used in the performance criteria, is detailed below.

<i>Safety requirements</i> must include:	- work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for: - lifting and supporting motorcycles - avoiding entanglement when working with chains, sprockets, belts and pulleys.
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Unit Mapping Information

Equivalent to AURJTA1001 Perform minor adjustments to motorcycles

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 AURJTA001 Carry out minor adjustments to motorcycles

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Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standard defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- carry out minor adjustments to one motorcycle, including:
 - clutch
 - chain tension
 - one of the following:
 - brakes
 - suspension and steering
 - engine, attachments and controls
 - foot controls
 - handlebars and hand controls
 - accessories.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to carrying out minor adjustments to motorcycles, including procedures for:
 - lifting and supporting motorcycles
 - avoiding entanglement when working with chains, sprockets, belts and pulleys
- identification and function of motorcycle systems, including:
 - clutch
 - chain drive
 - brakes

- suspension
- steering
- engine, attachments and controls
- foot controls
- handlebars and hand controls
- accessories
- motorcycle adjustment procedures, including hand and foot controls
- motorcycle post-adjustment testing procedures.

Assessment Conditions

Assessors must satisfy NVR/AQTF assessor requirements.

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 minor adjustments that they have carried out on motorcycle components and equipment, 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:

- automotive workplace or simulated workplace
- task instructions
- manufacturer motorcycle specifications
- one motorcycle and the motorcycle components specified in the performance evidence
- tools, equipment and materials appropriate for carrying out minor adjustments to motorcycles.

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