



Australian Government

AURJTA002 Remove and replace motorcycle components and accessories

Release: 1

AURJTA002 Remove and replace motorcycle components and accessories

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to remove and replace motorcycle components and accessories. It involves preparing for the work, removing and replacing the component, 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 to entering the automotive service and repair or automotive manufacturing 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 remove and replace motorcycle component or accessory	1.1 Task requirements are determined from workshop or activity instructions 1.2 Removal and replacement procedures and information are

Elements	Performance Criteria
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	sourced and interpreted 1.3 Potential hazards and risks associated with the task are identified and reported to workplace supervisor 1.4 Tools, equipment and materials are selected and checked for serviceability
2. Remove component or accessory	2.1 Component or accessory is identified and removed according to manufacturer specifications and without causing damage to other components or systems 2.2 Inspection of component or accessory is carried out according to manufacturer specifications, workplace procedures, and safety and environmental requirements 2.3 Inspection findings are reported according to workplace procedures, including recommendations for replacement and minor adjustments
3. Replace component or accessory	3.1 Component or accessory is replaced according to manufacturer specifications and without causing damage to components or systems 3.2 Adjustments are made to component or accessory according to manufacturer specifications 3.3 Post-replacement testing is carried out according to workplace procedures and further adjustments are made as required
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
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Skills	Description
Learning skills to:	locate appropriate information.
Reading skills to:	interpret key information from manufacturer specifications, workplace procedures, and safety requirements relating to motorcycle components and accessories.
Writing skills to:	legibly and accurately fill out workplace documentation 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 components and accessories, compare with specifications, and perform minor adjustments to them.

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 and environmental requirements</i> must include:	- work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for: - lifting and supporting motorcycles - selecting and using personal protective equipment (PPE) - avoiding entanglement when working with chains, sprockets, belts and pulleys - environmental requirements, including procedures for trapping, storing and disposing of lubricants, oils and fluids released during the adjustment process.
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Unit Mapping Information

Equivalent to AURJTA1002 Remove and replace motorcycle components and accessories

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 AURJTA002 Remove and replace motorcycle components and accessories

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Performance Evidence

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

- remove and replace three of the following motorcycle components and accessories:
 - wheels
 - mudguards
 - lighting system components
 - suspension system components
 - brake system components
 - fuel tank
 - oil tank
 - seat
 - control cables
 - ignition system components
 - handlebars and hand controls
 - foot controls and foot pegs
 - mufflers and exhaust pipes
 - windshield
 - pannier bags
 - luggage racks.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to removing and replacing motorcycle components and accessories, including:
 - lifting and supporting motorcycles
 - selecting and using personal protective equipment (PPE)
 - avoiding entanglement when working with chains, sprockets, belts and pulleys
- environmental requirements, including procedures for trapping, storing and disposing of lubricants, oils and fluids released during the adjustment process
- identification and function of the motorcycle components and accessories specified in the performance evidence
- motorcycle removal and replacement procedures, including the use of tools and equipment
- testing procedures and adjustment methods relating to motorcycle component and accessory removal and replacement
- 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 motorcycle components and accessories that they have removed and replaced, 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
- workplace instructions
- motorcycle component and accessory specifications
- one motorcycle and the motorcycle components and accessories specified in the performance evidence
- tools, equipment and materials appropriate for removing and replacing motorcycle components and accessories.

Links

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