



Australian Government

Assessment Requirements for AURJTX101

Diagnose and repair motorcycle clutch 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:

- diagnose and repair a fault in at least two of the following motorcycle clutch systems:
 - wet multi-plate clutch system, in which the work must involve removing, replacing or refitting the clutch pack
 - cable operated clutch system
 - hydraulic operated clutch system.

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 diagnose and repair motorcycle clutch systems, including:
 - information provided by customers and supervisors
 - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to diagnose and repair motorcycle clutch 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

- workplace health and safety (WHS) requirements relating to diagnosing and repairing motorcycle clutch systems, including procedures for handling transmission fluids and clutch materials
- environmental requirements relating to diagnosing and repairing motorcycle clutch systems, including procedures for trapping, storing and disposing of fluids released from transmissions and clutches
- operating principles of motorcycle clutch systems and associated components, including coefficient of friction
- purpose and operation of motorcycle clutch systems and components, including:
 - pressure plates, including:
 - coil spring
 - diaphragm
 - types and compatibility of clutch system oils and additives
 - clutch operating systems, including:
 - cable
 - hydraulic
- diagnostic testing procedures for motorcycle clutch systems, including procedures for analysing:
 - component wear
 - abnormal system noise
- repair procedures for motorcycle clutch systems, including procedures for removing, dismantling, reassembling and adjusting them
- post-repair testing procedures for motorcycle clutch systems.

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 motorcycle clutch systems that they have worked on, 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:

- motorcycle repair workplace or simulated workplace
- workplace instructions
- manufacturer motorcycle clutch system specifications
- two different motorcycles with faults in the clutch systems specified in the performance evidence
- diagnostic equipment for motorcycle clutch systems
- tools, equipment and materials appropriate for repairing motorcycle clutch 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>