



Australian Government

Assessment Requirements for AURTTX103 Inspect and service automatic transmissions

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:

- inspect and service the automatic transmissions of at least two different vehicles or machinery, including:
 - replacing transmission fluid and filter
 - making transmission adjustments.

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 inspect and service automatic transmissions, including:
 - information provided by customer and supervisors
 - manufacturer specifications and procedures or equivalent documentation
- workplace procedures required to inspect and service automatic transmissions, including:
 - establishing serviceability of tools and equipment
 - documentation procedures, including:
 - inspection findings and recommendations for required repairs or adjustments
 - 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 inspecting and servicing automatic transmissions, including procedures for handling transmission fluids

- environmental requirements, including procedures for trapping, storing and disposing of fluids released from transmissions
- identification and function of automatic transmission components, including:
 - torque converter
 - control valve body
 - housings
 - gear trains
 - bands and clutch packs
 - servos
 - oil pumps
 - electronic controls
 - selector mechanisms
- basic operation of automatic transmission, including:
 - torque converter
 - transaxle
 - longitudinal transmission
- types and applications of transmission fluids
- inspection procedures for automatic transmissions, including:
 - fluid levels and condition
 - fluid leaks
 - internal and external physical condition
 - transmission sensors and controls
- service and adjustment procedures for automatic transmissions, including:
 - replacing transmission fluid and filter
 - checking transmission fluid levels
 - adjusting bands, linkages and sensors as required
- post-service testing procedures for automatic transmissions.

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 automatic transmissions 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:

- automotive repair workplace or simulated workplace

- workplace instructions
- manufacturer automatic transmission specifications
- two different vehicles or machinery with automatic transmissions requiring servicing
- tools, equipment and materials appropriate for inspecting and servicing automatic transmissions.

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>