



**Australian Government**

# **AURTTX104 Inspect and service hydrostatic transmissions**

**Release: 1**

# AURTTX104 Inspect and service hydrostatic transmissions

## 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 inspect and service hydrostatic transmissions and associated components. It involves preparing for the task, inspecting the transmission and components, reporting the inspection findings, servicing and adjusting the transmission, and completing workplace processes and documentation.

The unit applies to those working in the automotive service and repair industry. The hydrostatic transmissions include those of agricultural machinery, mobile plant machinery or outdoor power equipment.

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

## Unit Sector

Mechanical Miscellaneous Technical - Transmission

## 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 inspect and service hydrostatic transmission	1.1 Determine job requirements from workplace instructions 1.2 Source and interpret servicing information 1.3 Identify hazards associated with the work and manage risks 1.4 Select and check tools, equipment and materials for serviceability
2. Inspect hydrostatic transmission	2.1 Carry out inspection according to manufacturer specifications, workplace procedures, and safety and environmental requirements 2.2 Compare inspection results with manufacturer specifications 2.3 Report recommendations for required repairs or adjustments

ELEMENTS	PERFORMANCE CRITERIA
	according to workplace procedures
3. Service hydrostatic transmission	3.1 Carry out service and adjustments according to manufacturer specifications, workplace procedures, and safety and environmental requirements, and without causing damage to components or systems 3.2 Carry out post-service testing according to workplace procedures
4. Complete work processes	4.1 Conduct final inspection according to workplace procedures and confirm vehicle is ready for use 4.2 Clear work area and dispose of or recycle materials according to workplace procedures 4.3 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"> <li>Locates required sources of information efficiently.</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>Uses mathematical operations, including addition and subtraction, to determine liquid quantities</li> <li>Interprets pressure gauges and units of pressure.</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>Clarifies instructions.</li> </ul>
Reading	<ul style="list-style-type: none"> <li>Interprets information from manufacturer and workshop literature when seeking service procedures and specifications relating to hydrostatic transmissions.</li> </ul>
Problem solving	<ul style="list-style-type: none"> <li>Refers problems outside area of responsibility to required person.</li> </ul>

## Unit Mapping Information

Supersedes and is equivalent to AURTTX004 Inspect and service hydrostatic transmissions.

## **Links**

Companion Volume Implementation Guide is found on VETNet -

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