



**Australian Government**

# **AURPTE102 Inspect and service outdoor power equipment engines**

**Release: 1**

# AURPTE102 Inspect and service outdoor power equipment engines

## 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 engines according to manufacturer instructions. The unit involves preparing for the task, inspecting the engine, reporting the inspection findings, servicing and adjusting the engine, and completing workplace processes and documentation.

The unit applies to those working in the outdoor power equipment service and repair industry. This unit does not apply to light and heavy vehicle engines. The engines include those of two-stroke and four-stroke spark ignition, or four-stroke compression ignition engines of outdoor power equipment.

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

## Unit Sector

Outdoor Power Equipment Technical - Engines

## 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 an outdoor power equipment engine	1.1 Identify job requirements from workplace instructions 1.2 Source and interpret workplace inspection and service procedures 1.3 Identify and manage hazards associated with the tasks 1.4 Select tools and equipment and check for serviceability
2. Inspect engine	2.1 Inspect and test system according to manufacturer specifications, workplace procedures, and safety requirements

ELEMENTS	PERFORMANCE CRITERIA
	<p>2.2 Identify faults and determine causes of faults</p> <p>2.3 Report inspection findings and test results according to workplace procedures, and include recommendations for necessary service, repair or adjustment</p> <p>2.4 Obtain authorisation to proceed according to workplace procedures</p>
3. Service engine	<p>3.1 Select service options according to manufacturer maintenance schedule and lubrication charts</p> <p>3.2 Carry out service and adjustments according to manufacturer specifications, workplace procedures, and safety and environmental requirements without causing damage to components or systems</p> <p>3.3 Carry out post-service testing according to workplace procedures</p>
4. Complete work processes	<p>4.1 Conduct final inspection according to workplace procedures and confirm equipment is ready for use</p> <p>4.2 Clear work area and dispose of or recycle materials according to workplace procedures</p> <p>4.3 Complete documentation according to workplace procedures</p>

## 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.*

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>Calculates liquid volumes and service schedule intervals using basic mathematical operations, including addition and subtraction</li> <li>Interprets measuring equipment divisions.</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 engine service specifications and procedures for outdoor power equipment.</li> </ul>
Problem solving	<ul style="list-style-type: none"> <li>Refers problems outside area of responsibility to required persons.</li> </ul>

## Unit Mapping Information

Supersedes and is equivalent to AURPTE002 Inspect and service outdoor power equipment engines.

## Links

Companion Volume Implementation Guide is found on VETNet -

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