



Australian Government

AURPTA105 Service and repair chainsaw cutting systems

Release: 1

AURPTA105 Service and repair chainsaw cutting systems

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 service and repair faults in the chainsaw cutting systems of outdoor power equipment according to manufacturer specifications. The unit involves preparing for the task, determining the service and repair requirements, carrying out the service and repair, performing post-repair testing, and completing workplace processes and documentation.

The unit applies to those working in the outdoor power equipment service and repair industry. The chainsaw cutting systems include those of electric, cordless and hydraulic or petrol-powered systems, or pole saws.

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

Unit Sector

Outdoor Power Equipment Technical

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 service and repair chainsaw cutting system	1.1 Identify job requirements from workplace instructions 1.2 Source and interpret workplace service and repair procedures 1.3 Identify and manage hazards associated with the tasks 1.4 Select tools and equipment and check for serviceability
2. Determine service and repair requirements of chainsaw cutting system	2.1 Inspect chainsaw cutting system and test according to manufacturer specifications, workplace procedures, and safety requirements 2.2 Identify faults through inspection and identify causes 2.3 Report inspection findings and test results according to

ELEMENTS	PERFORMANCE CRITERIA
	workplace procedures, and include recommendations for necessary service, repair or adjustment 2.4 Obtain authorisation to proceed with service and repair in line with recommendations
3. Carry out service and repair activities	3.1 Determine service and repair options and select appropriate methods 3.2 Select and inspect tools, equipment and materials 3.3 Remove components and inspect for serviceability according to manufacturer specifications, workplace procedures, and safety and environmental requirements 3.4 Fit and adjust reusable, repaired and replacement components according to manufacturer specifications and workplace procedures
4. Check chainsaw cutting system for normal operation	4.1 Operate and compare system to manufacturer specifications according to workplace procedures and safety requirements 4.2 Adjust chainsaw cutting system as required and re-test system
5. Complete work processes	5.1 Conduct final inspection according to workplace procedures and confirm equipment is ready for use 5.2 Clear work area and dispose of or recycle materials according to workplace procedures 5.3 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"> Locates required sources of information efficiently.
Numeracy	<ul style="list-style-type: none"> Calculates deviations and tolerances from manufacturer specifications using basic mathematical skills.
Reading	<ul style="list-style-type: none"> Interprets information from manufacturer and workshop literature when seeking chainsaw cutting system specifications and procedures.
Planning and organising	<ul style="list-style-type: none"> Plans own work requirements Prioritises actions to achieve required outcomes Ensures tasks are completed within workplace timeframes.
Technology	<ul style="list-style-type: none"> Uses specialised equipment.

Unit Mapping Information

Supersedes and is equivalent to AURPTA005 Service and repair chainsaw cutting systems.

Links

Companion Volume Implementation Guide is found on VETNet -

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