



Australian Government

AURPTA104 Service and repair drum cutting 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

Application

This unit describes the skills and knowledge required to service and repair faults in the drum 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 who work in the outdoor power equipment service and repair industry. The drum cutting systems include push type, electric or internal combustion powered systems, and include reel mowers or gang mowers. This unit relates to the service and repair of the drum cutting system only and not the driving engine or motor.

No licensing, legislative 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 drum cutting system	1.1 Identify job requirements from workplace instructions 1.2 Identify required information for service activity 1.3 Identify and manage hazards associated with the tasks 1.4 Select tools, equipment and materials and check for serviceability

ELEMENTS	PERFORMANCE CRITERIA
2. Determine service and repair requirements of drum cutting system	2.1 Inspect and test system 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 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 Select and check tools, equipment and materials required to conduct service and repair 3.2 Remove and inspect components for serviceability according to manufacturer specifications, workplace procedures, and safety and environmental requirements 3.3 Fit and adjust reusable, repaired and replacement components according to manufacturer specifications and workplace procedures
4. Check drum cutting system for normal operation	4.1 Operate system and compare to manufacturer specifications 4.2 Make adjustments as required and re-test drum cutting 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	Locates required sources of information efficiently.
Numeracy	Calculates deviations and tolerances from manufacturer specifications using basic mathematical skills.
Reading	Interprets information from manufacturer and workshop literature when seeking drum cutting system specifications and procedures.
Planning and organising	Plans own work requirements

SKILL	DESCRIPTION
	• Prioritises actions to achieve required outcomes • Ensures tasks are completed within workplace timeframes.
Technology	• Uses specialised equipment.

Unit Mapping Information

Supersedes and is equivalent to AURPTA004 Service and repair drum cutting systems.

Links

Companion Volume Implementation Guide is found on VETNet -

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