



Australian Government

AURMTA101 Prepare and service light competition vehicles

Release: 1

AURMTA101 Prepare and service light competition vehicles

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 prepare and service an already assembled light competition vehicle in the workshop or at a motor sport event. It involves preparing for the task, servicing the light competition vehicle, making adjustments as required, and completing workplace processes and documentation. The light competition vehicles are under 300 kg of unladen weight, such as go-carts, motorcycles or jet skis.

The unit applies to those working in the motor sport industry.

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

Unit Sector

Motorsport 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 for work	1.1 Determine job requirements from team instructions, category rules and supplementary regulations 1.2 Source servicing procedures and information 1.3 Identify hazards associated with the work and manage risks 1.4 Select and check tools, equipment and materials for serviceability 1.5 Clean work area and lay out for job requirements 1.6 Report problems with work area or operation of equipment to personnel as required
2. Prepare competition vehicle	2.1 Position and secure vehicle ready for servicing according to manufacturer specifications and workplace procedures

ELEMENTS	PERFORMANCE CRITERIA
	2.2 Remove temporary bungs and covers and conduct engine pre-start checks according to team procedures and safety and environmental requirements 2.3 Carry out pre-service inspection and preparation according to manufacturer specifications, workplace procedures and safety requirements 2.4 Report inspection findings according to workplace procedures, and report recommendations for service, repairs or adjustments
3. Service competition vehicle	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 Start vehicle and systems, check pressures and temperatures for abnormal noise and leaks, according to team procedures and safety and environmental requirements 3.3 Check vehicle sub-assembly and systems operation according to team procedures and safety and environmental requirements 3.4 Shield vehicle components as required and according to team procedures 3.5 Document and report potential or existing problems to personnel as required and according to team 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	- Locates required sources of information efficiently - Applies team procedures to different situations and motor sport events.
Reading	Interprets team instructions, category rules and supplementary regulations.

SKILL	DESCRIPTION
Numeracy	• Uses basic mathematical operations, including addition and subtraction, to measure and calculate fluid volumes using metric and imperial units of measurement • Interprets units of temperature and pressure.
Planning and organising	• Ensures that own tasks are carried out within team operation timeframes.

Unit Mapping Information

Supersedes and is equivalent to AURMTA001 Prepare and service light competition vehicles.

Links

Companion Volume Implementation Guide is found on VETNet -

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