



Australian Government

AURMTA006 Perform torquing and fastening on motor sport competition vehicles

Release: 1

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Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to torque and fasten motor sport competition vehicle components according to supplier and team specifications. It involves preparing for the task, selecting tools, fastening and securing components, and completing workplace processes and documentation.

It 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.

Competency Field

Motor Sport

Unit Sector

Technical

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.

<p>Elements</p> <p>Elements describe the essential outcomes.</p>	<p>Performance Criteria</p> <p>Performance criteria describe the performance needed to demonstrate achievement of the element. Where bold and italicised text is used, further information is detailed in the range of conditions section.</p>
<p>1. Prepare for work</p>	<p>1.1 Job requirements are determined from workplace instructions</p> <p>1.2 Component supplier and team torquing and fastening specifications are sourced and interpreted</p> <p>1.3 Tools and equipment are selected and checked for serviceability</p> <p>1.4 Work area is cleaned and laid out for job requirements according to team procedures</p> <p>1.5 Hazards associated with the work are identified and risks are managed</p> <p>1.6 Problems with work area and operation of tools and equipment are reported to appropriate persons according to team procedures as required</p>
<p>2. Fasten components</p>	<p>2.1 Components to be fastened are inspected, prepared and assembled using gaskets, sealants, adhesives or lubricants as required and according to manufacturer specifications, workplace procedures, and <i>safety and environmental requirements</i></p> <p>2.2 Components are installed and checked, and fasteners are tensioned according to team and <i>manufacturer procedures</i></p> <p>2.3 Mechanical fastener securing devices are fitted according to team and manufacturer procedures</p> <p>2.4 Sealant and liquid locking adhesive cure times are observed according to team and manufacturer specifications as required</p> <p>2.5 Component fastening problems are reported to appropriate persons according to team procedures as required</p>
<p>3. Complete work processes</p>	<p>3.1 Final inspection is made to ensure work is to workplace expectations and vehicle is presented ready for use</p> <p>3.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected</p> <p>3.3 Tools and equipment are checked and stored according to workplace procedures</p> <p>3.4 Workplace documentation is processed according to team 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.

Skills	Description
Learning skills to:	<ul style="list-style-type: none"> locate appropriate sources of information efficiently.
Reading skills to:	<ul style="list-style-type: none"> interpret workplace instructions interpret manufacturer specifications relating to torquing, fastener securing device, and sealant and liquid locking adhesives.
Writing skills to:	<ul style="list-style-type: none"> legibly and accurately fill out workplace documentation.
Oral communication skills to:	<ul style="list-style-type: none"> clarify instructions report problems in work area, tools, equipment and component fastening.
Numeracy skills to:	<ul style="list-style-type: none"> interpret angle and torque units of measurement.

Range of Conditions

This section specifies work environments and conditions that may affect performance.

Essential operating conditions that may be present (depending on the work situation, needs of the candidate, accessibility of the item, and local industry and regional contexts) are included.

Bold italicised wording, if used in the performance criteria, is detailed below.

<i>Safety and environmental requirements</i> must include:	<ul style="list-style-type: none"> work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for working safely with sealants, adhesives, lubricants and greases environmental requirements, including procedures for trapping, storing and disposing of excess materials released during application of sealants and adhesives.
<i>Manufacturer procedures</i> must include:	<ul style="list-style-type: none"> stages and sequence of torquing torque settings.

Unit Mapping Information

Equivalent to AURMTA3006 Perform torquing and fastening

Links

Companion Volume implementation guides are found in VETNet -

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