



Australian Government

Assessment Requirements for AURLLD011 Determine compliance of steering and suspension modifications

Release: 1

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Modification History

Release	Comment
Release 1	New unit of competency.

Performance Evidence

The candidate must demonstrate they can perform the following according to the standards defined in the elements, performance criteria and foundation skills of this unit.

The candidate must determine and document the compliance of two of the following vehicle steering and suspension modifications:

- lowered or raised normal ride heights
- increased track width
- variations between front and rear ride heights
- replacement wheel and tyre assemblies
- replacement steering wheel
- fitted or replacement sway bar, track rod or strut brace
- conversion of vehicle from left-hand drive to right-hand drive
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Knowledge Evidence

The candidate must demonstrate the following knowledge:

Key policies, workplace procedures and standards for steering and suspension modification including:

- how to locate, read and interpret Australian Design Rules (ADRs) and manufacturer specifications for steering and suspension system modification
- workplace procedures for negotiating and communicating with customers
- workplace procedures for determining compliance of vehicle steering and suspension system modifications against ADR requirements
- procedures for making recommendations and documenting non-compliant modifications

Common types of vehicle steering and suspension modifications, including:

- lowering or raising vehicle ride heights, including setting different front and rear ride heights
- increasing vehicle track width

- replacing wheel and tyre assemblies
- replacing steering wheels
- fitting or replacing sway bar, track rod or strut braces
- converting vehicle from left-hand drive to right-hand drive
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Assessment Conditions

The assessment must:

- include access to:
 - an automotive repair workplace or simulated workplace that reflects workplace conditions - where simulation is used, it must reflect real working conditions by modelling industry operating conditions and contingencies, as well as, using suitable facilities, equipment and resources
 - repair orders and workplace instructions for steering and suspension modification activity
 - workplace procedures for steering and suspension modification activity
 - vehicle manufacturer steering and suspension system specifications
 - vehicle ADRs relevant to steering and suspension system modifications
 - vehicles requiring the steering and suspension system modifications specified in the performance evidence
 - tools, equipment and materials suitable for determining the compliance of steering and suspension modifications
- be demonstrated in the workplace or in a simulated environment that reflects workplace conditions
 - be conducted in a safe environment
 - be assessed in compliance with relevant policies, procedures, processes and operational manuals directly related to the industry sector for which it is being assessed
 - confirm consistent performance can be applied in a range of relevant workplace circumstances

Assessor requirements

Assessors of this unit must:

- satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards
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Links

Companion Volume Implementation Guides are found in VETNet -

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

