



Australian Government

AURLLD011 Determine compliance of steering and suspension modifications

Release: 1

AURLLD011 Determine compliance of steering and suspension modifications

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the skills and knowledge required to advise customers on the compliance of steering and suspension modifications with Australian Design Rules (ADRs) for normal road usage. It involves clarifying modifications, determining modification compliance with ADRs, and completing workplace processes and documentation.

This unit applies to those working as an automotive service and repair technician. The steering and suspension systems are those of four-wheel drive (4WD) vehicles, light vehicles and light commercial vehicles. This unit does not apply to agricultural machinery, heavy commercial vehicles, marine vessels, mobile plant machinery or motorcycles.

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

Unit Sector

Regulatory or Legal - Steering and Suspension

Elements and Performance Criteria

Elements	Performance Criteria
Elements describe the essential outcomes.	Performance criteria describe the performance needed to demonstrate achievement of the element.
1. Clarify details of steering and suspension modification	1.1 Discuss and confirm nature of steering and suspension modification with the customer 1.2 Document modification specifications and dimensions 1.3 Identify and document non-standard steering and suspension components
2. Interpret legality of steering and suspension modification	2.1 Obtain and interpret ADR bulletin applicable to modification to identify the ruling on the legality of intended modification 2.2 Document compliance of intended modification specifications against ADR requirements

	2.3 Clarify and discuss interpretation of ruling with customer
3. Recommend a plan of action to achieve ADR requirements	3.1 Develop suitable plan of action to meet ADR requirements 3.2 Clarify and discuss plan with customer 3.3 Complete workplace documentation, including recommendations for modification, according to workplace procedures

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:	locate relevant sources of ADR information efficiently
Reading skills to:	- read and interpret information from ADR bulletins containing specialised vocabulary - read and interpret information from manufacturer and workplace procedures when seeking steering and suspension system specifications - apply information to intended modification
Writing skills to:	legibly and accurately fill out workplace documentation when reporting compliance of steering and suspension modifications
Numeracy skills to:	- understand and communicate steering and suspension system numerical information in degrees, and in metric and imperial distances - measure steering and suspension system components - use basic mathematical operations, including addition and subtraction - calculate distances, tolerances and deviations from manufacturer specifications
Oral communication skills to:	discuss and clarify ADR requirements with the customer
Problem solving skills to:	develop a suitable plan of action to meet ADR requirements

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
AURLLD011 Determine compliance of steering and suspension modifications (Release 1)	AURLLD001 Determine compliance of steering and suspension modifications (Release 1)	Wording changes to ensure compliance with Standards for Training Packages. Addition of problem solving and communication skills to foundation skills. Addition of assessor requirements.	Equivalent

Links

Companion Volume Implementation Guides are found in VETNet -

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