



**Australian Government**

**AURLTD101 Select and install  
performance enhanced suspension system  
products**

**Release: 1**

# AURLTD101 Select and install performance enhanced suspension system products

## Modification History

Release	Comments
Release 1	This version first released with the Automotive Retail, Service and Repair Training Package Version 7.0.  Supersedes and is equivalent to AURLTD001 Select and install performance enhanced suspension system products.

## Application

This unit describes the skills and knowledge required to, select and install enhanced suspension products to suit a customer's suspension system modification requirements. It involves preparing for the task, assessing requirements, installing enhanced suspension systems, testing system functionality, and completing workplace procedures and documentation. The suspension systems are those of four-wheel drive (4WD) vehicles, light vehicles, light commercial vehicles or motor sport vehicles.

It applies to those who undertake routine installation tasks in the automotive service and repair industry.

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

## Unit Sector

Technical - Steering and Suspension

## Elements and Performance Criteria

ELEMENT	Performances CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Identify job requirements	1.1 Determine job requirements and confirm practicality of proposed suspension system enhancements according to safety requirements 1.2 Determine cost and timeframe of enhanced suspension system installation and create a quote for the proposed work 1.3 Confirm customer authorisation of quote according to

	<p>workplace policies and procedures</p> <p>1.4 Select installation option according to the identified job requirements</p> <p>1.5 Test vehicle and confirm proposed modifications are relevant and appropriate to safely incorporate safety incorporate performance enhanced systems</p>
2. Prepare for modification	<p>2.1 Access and interpret manufacturer specifications and workplace inspection procedures</p> <p>2.2 Identify hazards and environmental issues associated with work tasks, assess potential risks and implement control measures according to workplace policies and procedures</p> <p>2.3 Select and source performance enhanced suspension system products according to job requirements</p> <p>2.4 Check products, tools and equipment for serviceability</p> <p>2.5 Remove and store original suspension products from vehicle according to workplace procedures and safety requirements</p>
3. Install and test performance enhanced suspension products	<p>3.1 Install new performance enhanced suspension products according to manufacturer specifications, workplace procedures and safety requirements, without interfering with existing systems</p> <p>3.2 Conduct vehicle road test and rectify suspension system functionality faults where required according to workplace procedures</p> <p>3.3 Conduct final inspection and confirm vehicle is ready for use according to road safety standards and safety requirements</p>
4. Complete work processes	<p>4.1 Clean work area, collect recyclable material and dispose of waste and non-recyclable materials</p> <p>4.2 Store tools and equipment according to workplace procedures</p> <p>4.3 Document vehicle safety inspection and performance enhanced product installation process according to workplace procedures</p>

## 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	<ul style="list-style-type: none"> <li>locates appropriate sources of information efficiently</li> </ul>
Numeracy	<ul style="list-style-type: none"> <li>understands and communicate suspension system information in degrees and metric and imperial units of measurement</li> </ul>

	<ul style="list-style-type: none"> <li>measures performance enhanced suspension system products and use basic mathematical operations</li> <li>uses basic mathematics to prepare quotes</li> </ul>
Oral communication	<ul style="list-style-type: none"> <li>clarifies instructions, report findings, gain customer approval of quote and make installation recommendation</li> </ul>
Reading	<ul style="list-style-type: none"> <li>interprets components specifications, work sheets, electrical diagrams, programming, code and inspection forms</li> </ul>
Writing	<ul style="list-style-type: none"> <li>legibly and accurately fills out workplace documentation for reports, installation recommendations and records</li> </ul>
Planning and organising	<ul style="list-style-type: none"> <li>plans own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within workplace timeframes</li> </ul>
Technology	<ul style="list-style-type: none"> <li>uses specialised tools and equipment</li> </ul>

## Unit Mapping Information

Supersedes and is equivalent to AURLTD001 Select and install performance enhanced suspension system products.

## Links

Companion Volume Implementation Guide is found on VETNet -

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