



Australian Government

AURLTD008 Replace and refit steering, suspension and braking system components

Release: 1

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Modification History

| Release | Comments |
|-----------|---|
| Release 1 | This version first released with the Automotive Retail, Service and Repair Training Package Version 7.0. Newly created unit. |

Application

This unit describes the skills and knowledge required to replace steering, suspension and braking system components that have been removed, and refit components into a vehicle. This involves preparing for the work, replacing the component, refitting the component and completing workplace processes and documentation.

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

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

Unit Sector

Technical - Steering and Suspension

Elements and Performance Criteria

| ELEMENT | 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 to replace and refit steering, suspension or braking system component | 1.1 Determine job requirements according to workplace instructions 1.2 Access and interpret original equipment manufacturer (OEM) specifications and workplace procedures 1.3 Identify hazards and environmental issues associated with work tasks, assess potential risks and implement control measures according to workplace policies and procedures 1.4 Identify components requiring servicing, and select tools and equipment according to job requirements |

| | |
|---|---|
| | 1.5 Check tools and equipment for serviceability |
| 2. Inspect and replace system component | <p>2.1 Inspect faulty components and determine solutions to restore component functionality</p> <p>2.2 Select solution and prepare tools and equipment to restore component functionality</p> <p>2.3 Replace component according to manufacturer specifications, workplace procedures and safety requirements</p> |
| 3. Refit and test system component | <p>3.1 Prepare replaced system component, tools and equipment for vehicle refitting</p> <p>3.2 Refit system component according to workplace procedures, manufacturer specifications and safety requirements, without causing damage to vehicle</p> <p>3.3 Conduct post-refit testing of system functionality and rectify faults where required according to OEM procedures</p> <p>3.4 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 system component 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"> locates required sources of information efficiently |
| Reading | <ul style="list-style-type: none"> interprets component specifications, work sheets, electrical diagrams, programming, and code to install system components |
| Writing | <ul style="list-style-type: none"> legibly and accurately fills out workplace documentation for records and reports |
| Numeracy | <ul style="list-style-type: none"> measures system components and use basic mathematical operations |
| Planning and | <ul style="list-style-type: none"> plans own work requirements and prioritises actions to achieve required |

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| organising | outcomes and ensure tasks are completed within workplace timeframes |
| Technical | <ul style="list-style-type: none">• uses specialised tools and equipment |

Unit Mapping Information

Newly created unit.

Links

Companion Volume Implementation Guide is found on VETNet -

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