



Australian Government

AURVTA002 Remove and replace vehicle supplementary restraint systems

Release: 1

AURVTA002 Remove and replace vehicle supplementary restraint systems

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to remove and replace vehicle supplementary restraint system (SRS) units and assemblies. It involves preparing for the task, selecting and using specialist tools and equipment to deactivate, remove and replace SRS components, and completing workplace processes and documentation.

It applies to those working in the automotive service and repair industry.

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

Competency Field

Vehicle Body

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.
1. Prepare to remove and replace vehicle SRS	1.1 Job requirements are determined from workplace instructions 1.2 SRS removal and replacement specifications are sourced from original equipment manufacturer (OEM) or authorised agency, and are interpreted 1.3 SRS component requiring removal and replacement is identified

Elements Elements describe the essential outcomes.	Performance Criteria 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.
	and selected 1.4 Hazards associated with the work are identified and risks are managed 1.5 Hand and power tools, including personal protective equipment (PPE), are selected and checked for serviceability 1.6 Work is planned and procedures are determined to minimise waste
2. Deactivate and remove SRS	2.1 SRS is deactivated according to OEM or authorised agency approved methods, workplace procedures and safety requirements 2.2 SRS is removed according to OEM or authorised agency approved methods, workplace procedures and safety requirements, and without causing damage to system or components 2.3 SRS component is tagged and stored according to OEM or authorised agency approved methods and workplace procedures
3. Replace SRS	3.1 SRS component is checked and matched to vehicle 3.2 SRS is replaced according to OEM or authorised agency approved methods, workplace procedures and safety requirements, and without causing damage to system or components
4. Complete work processes	4.1 Final inspection is made to ensure work is to workplace expectations and vehicle is presented ready for use 4.2 Replaced SRS components are disposed of according to OEM or authorised agency approved methods 4.3 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected and stored 4.4 Tools and equipment are checked, reported if faulty, and stored according to workplace procedures 4.5 Workplace documentation is processed 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 appropriate sources of information efficiently.
Writing skills to:	legibly and accurately fill out workplace documentation.
Numeracy skills to:	use basic mathematical operations, including addition and subtraction, to calculate fitting measurements.
Planning and organising skills to:	plan own work requirements and prioritise actions to achieve required outcomes and ensure tasks are completed within workplace timeframes.
Problem solving skills to:	identify SRS defects and potential problems associated with removal and replacement.
Technology skills to:	use specialised tools to remove and replace SRS systems.

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 requirements</i> must include:	- work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for: - selecting and using PPE - manually handling SRS systems and components - using hand tools and equipment.
---	---

Unit Mapping Information

Equivalent to AURVTA3002 Remove and replace supplementary restraint systems

Links

Companion Volume implementation guides are found in VETNet -

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

Assessment Requirements for AURVTA002 Remove and replace vehicle supplementary restraint systems

Modification History

Release	Comment
Release 1	New unit of competency.

Performance Evidence

Before competency can be determined, individuals must demonstrate they can perform the following according to the standard defined in this unit's elements, performance criteria, range of conditions and foundation skills:

- deactivate, remove and replace supplementary restraint systems (SRS) on two different vehicles, in which the work must involve two of the following:
 - steering wheel airbag
 - dash panelling airbag
 - side curtain airbag
 - seat belt pre-tensioners.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements relating to removing and replacing vehicle SRS, including procedures for:
 - selecting and using personal protective equipment (PPE)
 - manually handling SRS systems and components
 - using hand tools and equipment
- types and operation of SRS components, including:
 - airbag systems, including:
 - steering wheel airbag
 - dash panelling airbag
 - side curtain airbag
 - seat belt pre-tensioners
- replacement procedures for SRS components, including:
 - deactivation

- removal
- installation
- resetting
- inspection
- procedures for protecting vehicle when removing and replacing SRS
- procedures for final inspection of fitted SRS, including compliance with:
 - original equipment manufacturer (OEM) specifications
 - authorised agency instructions and specifications.

Assessment Conditions

Assessors must satisfy NVR/AQTF assessor requirements.

Competency is to be assessed in the workplace or a simulated environment that accurately reflects performance in a real workplace setting.

Assessment must include direct observation of tasks.

Where assessment of competency includes third-party evidence, individuals must provide evidence that links them to vehicles where they have removed and replaced SRS, e.g. repair orders.

Assessors must verify performance evidence through questioning on skills and knowledge to ensure correct interpretation and application.

The following resources must be made available:

- automotive repair workplace or simulated workplace
- workplace instructions
- PPE required to remove and replace SRS components
- OEM or authorised agency instructions and specifications
- OEM-approved materials required to remove and replace SRS components
- two different vehicles requiring SRS replacement
- tools, equipment and materials appropriate for removing and replacing vehicle SRS.

Links

Companion Volume implementation guides are found in VETNet -

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

Companion Volume implementation guides are found in VETNet -

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