



Australian Government

AURFA008 Interpret and apply automotive repair instructions

Release: 1

AURFA008 Interpret and apply automotive repair instructions

Modification History

Release	Comment
Release 1	New unit of competency.

Application

This unit describes the performance outcomes required to source, interpret and apply repair requirements from automotive workplace instructions and work orders. It involves following worksheets and work orders when conducting vehicle repairs.

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

Common

Unit Sector

Foundation Skills

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. Identify and obtain instructions	1.1 Work order and repair instructions are accessed and interpreted 1.2 <i>Recommended repair procedure</i> is identified and relevant information is located and applied 1.3 Work plan is prepared to maximise efficiency, minimise waste and comply with original equipment manufacturer (OEM) or authorised agency's recommended repair procedure

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.
2. Initiate repairs	2.1 Tools, equipment and required materials are identified and checked for serviceability and application 2.2 Repairs are carried out in line with repair instructions, OEM or authorised agency's recommended repair procedure, and workplace procedures, and without causing damage to vehicles, systems or components 2.3 Additional required work identified during repair process is reported and discussed with supervisor prior to proceeding
3. Complete work processes	3.1 Completed work is checked for compliance against work order, OEM or authorised agency's specifications, and workplace quality standards 3.2 Work area is cleaned, waste and non-recyclable materials are disposed of, and recyclable material is collected 3.3 Tools and equipment are checked and stored, and faulty electrical equipment is identified, tagged and isolated according to workplace procedures 3.4 Repair work sheets are completed 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
Reading skills to:	access and interpret technical information and diagrammatic representations in written repair instructions and recommended repair procedures.
Writing skills to:	accurately and legibly complete workplace documentation, such as repair work plans and faulty equipment tags.
Oral communication skills to:	participate in verbal exchanges using active listening and questioning to clarify and confirm repair instructions.
Numeracy skills to:	use mathematical operations, including addition, subtraction, multiplication and division, to calculate OEM or authorised agency repair measurements and calibrations.
Planning and organising	plan and sequence order of repair work

Skills	Description
skills to:	• prepare work area and select equipment and materials prior to commencing repair work.
Technology skills to:	• use workplace and specialist repair tools, equipment and measuring devices.

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>Recommended repair procedure</i> must include:	• OEM or authorised agency's recommended repair specifications.
<i>Workplace procedures</i> must include:	• work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for working safely with system being repaired.

Unit Mapping Information

Equivalent to AURAF008 Read and apply automotive repair instructions

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 AURFA008 Interpret and apply automotive repair instructions

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:

- interpret three different sets of work orders for different types of automotive repairs, for each work order:
 - preparing a work plan
 - following the prepared work plan and recommended automotive repair procedures when carrying out the repair work.

Knowledge Evidence

Individuals must be able to demonstrate knowledge of:

- work health and safety (WHS) and occupational health and safety (OHS) requirements, including procedures for working safely with system being repaired
- automotive vehicle and repair terminology
- symbols, codes, legends and diagrammatic representations included in workplace manuals and recommended repair specifications
- repair work planning processes, including:
 - planning and sequencing tasks
 - preparing work area and selecting tools, materials and equipment
 - checking work against instructions and recommended repair specifications
- recommended repair specifications, including:
 - original equipment manufacturer (OEM) requirements
 - authorised agency requirements
 - repair sequence
 - use of specialist equipment

- automotive repair procedures relating to:
 - quality and continuous improvement processes
 - workplace instructions and work orders
 - equipment use, maintenance and storage
 - environmental management, including waste disposal, recycling and re-use guidelines.

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 having applied automotive repair instructions in the workplace, 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
- OEM or authorised agency's recommended repair procedures
- repair instructions and work orders
- three different vehicles with repair requirements matched to work orders
- tools and equipment relating to automotive repairs
- workplace procedures relating to repair instructions.

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>