



Australian Government

TLIB2003 Carry out vehicle servicing and maintenance

Release: 1

TLIB2003 Carry out vehicle servicing and maintenance

Modification History

Release 1. This is the first release of this unit of competency in the TLI Transport and Logistics Training Package.

Application

This unit involves the skills and knowledge required to carry out basic servicing and maintenance of a commercial vehicle, in accordance with relevant roads and traffic authority regulations.

It includes actions to implement vehicle manufacturer specifications for routine checks and maintenance, to ensure all specified safety requirements are met, and to ensure vehicle is operational to workplace requirements and relevant state/territory roads and traffic authority regulations.

Work is performed with limited supervision, and with duty of care responsibility for self and others in achieving the prescribed outcomes.

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

Pre-requisite Unit

Not applicable.

Competency Field

B – Equipment Checking and Maintenance

Unit Sector

Not applicable.

Elements and Performance Criteria

ELEMENTS

Elements describe the essential outcomes.

1 Maintain and service vehicle

PERFORMANCE CRITERIA

Performance criteria describe the performance needed to demonstrate achievement of the element.

1.1 Hazards are identified, risks are assessed and control

systems	measures are implemented
	1.2 Fluid levels are checked and adjusted in accordance with manufacturer specifications and workplace procedures
	1.3 Air levels are checked and adjusted in accordance with manufacturer specifications and workplace procedures
	1.4 Routine checks are made of vehicle systems and appropriate action is initiated for maintenance as required in accordance with workplace procedures
	1.5 Appropriate precautions and procedures are followed when servicing/maintaining a vehicle to ensure adequate protection of the environment
	1.6 Work health and safety (WHS)/occupational health and safety (OHS) procedures are followed when carrying out routine servicing and maintenance of a vehicle
2 Carry out minor vehicle repairs	2.1 Vehicle components are removed, repaired or replaced and refitted to vehicle using correct tools in accordance with manufacturer instructions and workplace procedures
	2.2 Tyres on vehicle are repaired or replaced in accordance with workplace procedures and manufacturer instructions
	2.3 Worn brakes are identified and action is taken in accordance with workplace procedures and manufacturer specifications
	2.4 Need for more complex maintenance procedures is identified and problem is correctly referred in accordance with workplace procedures
3 Diagnose minor vehicle faults and undertake repairs for the safe operation of a vehicle	3.1 Minor faults in vehicle systems are identified, diagnosed and repaired in accordance with manufacturer specifications and workplace procedures
	3.2 Identified faults that create a safety hazard are reported and appropriate action is taken to remove vehicle from operation pending repair

4 Complete documentation

- 4.1 Routine servicing, maintenance and repair record requirements are confirmed
- 4.2 Records of routine servicing, maintenance and repairs are kept in accordance with workplace procedures

Foundation Skills

Foundation skills essential to performance are explicit in the performance criteria of this unit of competency.

Range of Conditions

Range is restricted to essential operating conditions and any other variables essential to the work environment.

Non-essential conditions can be found in the Companion Volume Implementation Guide.

Unit Mapping Information

This unit replaces and is equivalent to TLIB2003A Carry out vehicle servicing and maintenance.

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=df441c6e-213d-43e3-874c-0b3f7036d851>

Assessment Requirements for TLIB2003 Carry out vehicle servicing and maintenance

Modification History

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Performance Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria on at least one occasion and include:

- applying precautions and required action to minimise, control or eliminate identified hazards
- applying relevant legislation and workplace procedures
- checking and replenishing fluids and carrying out lubrication processes
- communicating and working effectively with others
- completing relevant documentation
- implementing contingency plans
- modifying activities depending on operational contingencies, risk situations and environments
- monitoring and prioritising work activities in terms of planned schedule
- monitoring performance of equipment
- operating and adapting to differences in equipment in accordance with workplace procedures
- reading, interpreting and following relevant instructions, procedures, information and signs
- reporting and/or rectifying identified problems, faults or malfunctions promptly, in accordance with regulatory requirements and workplace procedures
- selecting and using required personal protective equipment conforming to industry and work health and safety (WHS)/occupational health and safety (OHS) standards
- servicing equipment in terms of maintenance schedule and standard operating procedures
- working systematically with required attention to detail without injury to self or others, or damage to vehicle or equipment.

Knowledge Evidence

Evidence required to demonstrate competence in this unit must be relevant to and satisfy all of the requirements of the elements and performance criteria and include knowledge of:

- basic fault finding procedures required for routine servicing and maintenance of vehicles
- basic principles for operating systems on commercial vehicles, including electrical systems, fuel systems, cooling systems, steering systems, exhaust systems, tyres and brakes
- housekeeping standards for routine servicing and maintenance
- problems that may occur during vehicle routine servicing and maintenance and appropriate action and solutions
- procedures for checking, and routine servicing and maintenance of a commercial vehicle, in accordance with workplace and manufacturer requirements, and established safety rules and regulations
- procedures for use and maintenance of materials, tools and parts required for routine servicing and maintenance
- procedures required to minimise waste during routine servicing and maintenance
- recognition and diagnosis of faults and vehicle irregularities
- relevant duty of care requirements for routine servicing and maintenance of vehicles
- relevant WHS/OHS and pollution control procedures
- reporting and documentation requirements.

Assessment Conditions

As a minimum, assessors must satisfy applicable regulatory requirements, which include requirements in the *Standards for Registered Training Organisations* current at the time of assessment.

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Assessment must occur in workplace operational situations where it is appropriate to do so; where this is not appropriate, assessment must occur in simulated workplace operational situations that replicate workplace conditions.

Assessment processes and techniques must be appropriate to the language, literacy and numeracy requirements of the work being performed and the needs of the candidate.

Resources for assessment include:

- a range of relevant exercises, case studies and/or simulations
- applicable documentation including workplace procedures, regulations, codes of practice and operation manuals

- relevant materials, tools, equipment and personal protective equipment currently used in industry.

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