



Australian Government

AURTTF101 Inspect and service petrol fuel systems

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with AUR Automotive Retail, Service and Repair Training Package Version 6.0

Application

This unit describes the skills and knowledge required to inspect and service vehicle petrol fuel systems. It involves preparing for the task, inspecting the fuel system for leaks, inspecting the air filter, reporting the inspection findings, servicing and adjusting the petrol fuel system, and completing workplace processes and documentation.

The unit applies to those working in the automotive service and repair industry. The petrol fuel systems include those of agricultural machinery, heavy commercial vehicles, light vehicles, mobile plant machinery, motorcycles or outdoor power equipment. The servicing operations undertaken may vary based on the occupation of the learner.

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

Unit Sector

Mechanical Miscellaneous Technical - Fuel Systems

Elements and Performance Criteria

ELEMENTS	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 inspect and service petrol fuel system	1.1 Identify job requirements from workplace instructions 1.2 Obtain and interpret servicing information 1.3 Identify hazards associated with the work, assess potential risks and implement control measures in line with workplace policies and procedures 1.4 Identify tools and equipment required for servicing activity and establish serviceability according to workplace procedures
2. Inspect petrol fuel	2.1 Carry out inspection according to manufacturer

ELEMENTS	PERFORMANCE CRITERIA
system	specifications, workplace procedures, workplace health and safety and environmental requirements 2.2 Compare inspection results with manufacturer specifications 2.3 Report inspection findings for necessary repairs according to workplace procedures
3. Service petrol fuel system	3.1 Carry out service and adjustments according to manufacturer specifications, workplace procedures, workplace health and safety and environmental requirements 3.2 Carry out post-service testing according to workplace procedures
4. Complete work processes	4.1 Carry out final inspection to ensure work meets workplace expectations and confirm vehicle or machinery is ready for use 4.2 Clear work area and dispose of or recycle materials according to workplace procedures 4.3 Complete documentation according to workplace procedures

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	Locates required sources of information efficiently.
Reading	Locates information from manufacturer and workshop literature when seeking service procedures and specifications relating to petrol fuel systems.
Oral communication	- Clarifies instructions - Makes repair recommendations.
Numeracy	Calculates liquid volumes and service schedule intervals using basic mathematical operations, including addition and subtraction.
Problem solving	Refers to problems outside area of responsibility to required person.

Unit Mapping Information

Supersedes and is equivalent to AURTTF001 Inspect and service petrol fuel systems.

Links

Companion Volume Implementation Guide is found on VETNet -

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