

**Specification of Competency Standards for the Automotive Industry**  
**Unit of Competency**

1. Title	Carry out simple vehicle maintenance work
2. Code	AUSDST107A
3. Range	This unit of competency is applicable in vehicle servicing worksites and places that provide simple vehicle maintenance service. Practitioners should be capable to check, rectify and top up consumable materials as well as replace simple parts for various vehicle systems correctly according to the vehicle manufacturer's manual and guidelines.
4. Level	1
5. Credits	3(for reference only)
6. Competency	<p style="text-align: right;"><u>Performance Requirements</u></p> <p>6.1 Know about the operation of simple vehicle maintenance</p> <ul style="list-style-type: none"> <li>◆ Understand the importance of vehicle maintenance</li> <li>◆ Understand the operation of simple vehicle maintenance and carry out simple vehicle maintenance procedure, as well as check, rectify and top up consumable materials and replace simple parts</li> </ul> <p>6.2 Carry out simple vehicle maintenance work</p> <ul style="list-style-type: none"> <li>◆ Check, rectify and top up consumable materials for various vehicle systems correctly according to the vehicle manufacturer's manual and guidelines, such as: <ul style="list-style-type: none"> <li>• Engine lubricants</li> <li>• Transmission fluid for the manual and automatic transmissions</li> <li>• Differential lubricants</li> <li>• Coolant for the cooling system</li> <li>• Brake fluid for the braking and clutch systems</li> <li>• Fluid for hydraulic assisted steering system</li> </ul> </li> </ul>

	<ul style="list-style-type: none"> <li>• Grease for the steering ball-joints, suspension joints, king pin and spring eye and shackle pins, etc.</li> <li>• Battery electrolyte</li> <li>• Cleaning fluid for the windshield</li> </ul> <ul style="list-style-type: none"> <li>◆ Report the systems with excessive consumption</li> <li>◆ Visual inspect and report on fluids leakage and stain in various systems</li> <li>◆ Replace tungsten bulbs</li> <li>◆ Replace wiper blades</li> <li>◆ Check and rectify tyre pressure</li> <li>◆ Check and report the condition of drive belt and adjust the belt tension</li> <li>◆ Replace simple components of other vehicle systems, e.g. air filters, oil filters, sparking plugs, etc.</li> <li>◆ Observe the environmental protection laws and regulations, as well as the environmental protection operating guidelines formulated by the organization in handling the disposal of materials</li> </ul>
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> <li>(i) Capable to understand the importance of maintenance to vehicles;</li> <li>(ii) Capable to check, rectify and top up consumable materials for various vehicle systems correctly;</li> <li>(iii) Capable to report accurately on the systems with abnormal consumption and excess loss of oil;</li> <li>(iv) Capable to report accurately the oil/liquid leakage and oil stain condition; and</li> <li>(v) Capable to replace simple parts correctly.</li> </ul>

8. Remarks	<p>(i) The credits value of this unit of competency is set on the presumption that the person concerned already knows about the structure and basic application of vehicles and components.</p> <p>(ii) The relevant legislation involved in this unit of competency is as follows:</p> <p>1.Waste Disposal Ordinance - Waste Disposal (Chemical waste) (General) Regulation</p>
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