

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

Functional Area - Vehicle Servicing

Title	Dismantle, replace and re-assemble general vehicle system components
Code	108635L1
Range	This unit of competency is applicable in vehicle servicing worksites. Practitioners should be able to dismantle, replace and re-assemble general vehicle system components correctly according to the vehicle manufacturer's manual and guidelines under instruction and supervision and providing written report
Level	1
Credit	6 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Knowledge (The general vehicle system components)</p> <ul style="list-style-type: none"> <li>• Understand the names and location of general vehicle system components.</li> <li>• Understand the formation and functions of general vehicles and components.</li> <li>• Understand the procedure of dismantling, replacing and re-assembling general vehicle system components.</li> <li>• Understand the relevant requirements on road and vehicle safety and health regulations.</li> </ul> <p>2. Performance (Dismantle, replace and re-assemble general vehicle system components)</p> <ul style="list-style-type: none"> <li>• Dismantle, replace and re-assemble general vehicle system components correctly according to the vehicle manufacturer's manual and guidelines under supervision, such as: <ul style="list-style-type: none"> <li>○ Engine and mechanical components</li> <li>○ Various types of fuel supply systems</li> <li>○ Various types of engine management systems</li> <li>○ Various types of vehicle braking systems</li> <li>○ Vehicle steering systems</li> <li>○ Vehicle suspension systems</li> <li>○ Vehicle transmission systems</li> <li>○ General electrical systems</li> <li>○ Various types of advanced electronic control systems</li> <li>○ Other related systems</li> </ul> </li> <li>• Observe the environmental protection laws and regulations and the environmental protection operation guidelines formulated by the organization when carrying out related procedure.</li> <li>• On completion of work, provide written report.</li> </ul>
Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are that the practitioner being assessed shall prove that he/she is:</p> <ul style="list-style-type: none"> <li>• Capable of describing the names, formation, location and functions of various vehicle systems and components correctly; and</li> <li>• Capable of dismantling, replacing and re-assembling general vehicle system components correctly according to the vehicle manufacturer's manual and guidelines under supervision and providing written report after the work</li> </ul>
Remark	<p>The credits value of this unit of competency is set on the presumption that the practitioner concerned has already possessed the capability to use general vehicle servicing tools.</p> <p>The major relevant legislation/rule involved in this unit of competency is as follows:</p> <ul style="list-style-type: none"> <li>• Waste Disposal (Chemical Waste) (General) Regulation</li> </ul>

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	<ul style="list-style-type: none"><li>• Factories and Industrial Undertakings (Lifting Appliances and Lifting gear) Regulations</li></ul>
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