

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

1. Title	Know about the structure and basic operation of vehicles and components
2. Code	AUSDCN106A
3. Range	This unit of competency is applicable in workplaces relevant to vehicle parts management and servicing. Practitioners should be capable to know about the structure and basic operation of vehicles and components.
4. Level	1
5. Credits	3(for reference only)
6. Competency	<p style="text-align: right;"><b><u>Performance Requirements</u></b></p> <p>6.1 Know about the structure and functions of vehicles and components</p> <ul style="list-style-type: none"> <li>◆ Know about the formation of vehicles and the location of components</li> <li>◆ Know about the functions of vehicles and components</li> </ul> <p>6.2 Know about the basic operation of vehicles and components</p> <ul style="list-style-type: none"> <li>◆ Know about the basic operation of various vehicle systems and components 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>• Vehicle body and chassis components</li> <li>• Other related systems</li> </ul> </li> </ul>

7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to know about the formation, location, functions and basic operation of various vehicle systems and components.</p>
8. Remarks	