

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

1. Title	Measure vehicle body/chassis with specialised electronic instruments
2. Code	AUSDST319A
3. Range	This unit of competency is applicable in vehicle body servicing workshops. Practitioners should be capable to measure vehicle body/chassis and conduct diagnosis on the deformation condition according to the vehicle body servicing manual and equipment user guide.
4. Level	3
5. Credits	3(for reference only)
6. Competency	<p style="text-align: right;"><b><u>Performance Requirements</u></b></p> <p>6.1 Understand the structure of various types of vehicle body and the operating principles of electronic measuring instruments</p> <ul style="list-style-type: none"> <li>◆ Understand various types of chassis and the structure of unitary chassis</li> <li>◆ Understand the operating principle of vehicle body electronic instruments</li> <li>◆ Understand the impact of crushing on the structure of vehicle body</li> </ul> <p>6.2 Measure vehicle body/chassis with electronic instruments</p> <ul style="list-style-type: none"> <li>◆ Calibrate instruments</li> <li>◆ Measure vehicle body with specialised instruments according to the vehicle body servicing manual and equipment user guide</li> <li>◆ Record measurement data and conduct diagnosis on deformation condition</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 accurately measure and conduct diagnosis on the deformation of vehicle body structure according to the instructions in the vehicle manufacturer's servicing manual; and</li> <li>(ii) Capable to record measurement data.</li> </ul>
8. Remarks	<p>The credits value of this unit of competency is set on the presumption that the people concerned already possess basic knowledge of vehicle body servicing and measurement.</p>