

Specification of Competency Standards for the Automotive Industry
Unit of Competency

1. Title	Check and repair vehicle anti-theft, audio and video systems
2. Code	AUSDST215A
3. Range	This unit of competency is applicable in vehicle servicing workshops. Practitioners should be capable to check, repair and replace vehicle anti-theft, audio and video systems safely according to the instructions in the servicing manual provided by vehicle manufacturer or parts supplier. They should also be capable to conduct basic adjustments and tests of components upon completion of work.
4. Level	2
5. Credits	3(for reference only)
6. Competency	<p style="text-align: right;"><u>Performance Requirements</u></p> <p>6.1 Understand the structure and basic operating principles of vehicle anti-theft, audio and video systems</p> <ul style="list-style-type: none"> ◆ Understand the requirements of local legislative provisions in relation to vehicle anti-theft, audio and video systems ◆ Understand the circuit and basic operating principles of vehicle anti-theft, audio and video systems ◆ Understand basic radio, video and electrical theories ◆ With reference to the instructions in the servicing manual provided by vehicle manufacturer or parts supplier, know about the general checking and repairing procedure for vehicle anti-theft, audio and video systems

	<p>6.2 Check and repair vehicle anti-theft, audio and video systems ♦ According to the instructions in the servicing manual provided by vehicle manufacturer or parts supplier and the requirements of occupational safety and health as well as that of environmental protection, safely check, repair, adjust and replace vehicle anti-theft, audio and video systems etc., including:</p> <ul style="list-style-type: none"> • Capable to identify the common faults in the components of vehicle anti-theft, audio and video systems by visual inspection • Use general tools and instruments to check and measure vehicle anti-theft, audio and video systems as well as rectify typical system faults • According to inspection result, handle the parts of vehicle anti-theft, audio and video systems as well as circuit systems, including dismantle, replace, re-assemble and adjust relevant system components and accessories • According to instructions, adjust and test the operation and effectiveness of vehicle anti-theft, audio and video systems
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	<p>6.3 Professional practice in checking and repairing vehicle anti-theft, audio and video systems</p> <ul style="list-style-type: none"> ◆ Capable to test the vehicle anti-theft, audio and video systems in accordance with relevant local legislative provisions to check if they can meet the requirements ◆ Handle anti-theft systems according to security rules and regulations
7. Assessment Criteria	<p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (i) Capable to check and repair general vehicle anti-theft, audio and video systems safely according to the instructions in the servicing manual provided by vehicle manufacturer or parts supplier; (ii) Capable to conduct basic adjustments and tests of components upon completion of work; and (iii) Capable to comply with relevant regulations/ordinances of Hong Kong and the instructions in the vehicle manufacturer's servicing manual to assess if the vehicle anti-theft, audio and video systems can meet the requirements.
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 electronic and electrical system servicing.</p>