

Specification of Competency Standards for the Automotive Industry
Unit of Competency

1. Title	Check and repair various types of petrol fuel supply systems
2. Code	AUSDST204A
3. Range	This unit of competency is applicable in vehicle servicing workshops. Practitioners should be capable to check and repair petrol fuel supply systems according to the instructions in the vehicle manufacturer's servicing manual. They should also be capable to conduct basic tests of components upon completion of work.
4. Level	2
5. Credits	3(for reference only)
6. Competency	<p align="center"><u>Performance Requirements</u></p> <p>6.1 Understand the structure and basic operating principles of various types of petrol fuel supply systems</p> <ul style="list-style-type: none"> ◆ Understand the characteristics of petrol ◆ Understand the structure and basic operating principles of various types of petrol fuel supply systems ◆ Understand the working procedure of checking and repairing various types of petrol fuel supply systems ◆ Understand the impact of petrol fuel supply systems on exhaust emission <p>6.2 Check and repair various types of petrol fuel supply systems</p> <ul style="list-style-type: none"> ◆ According to the instructions in the vehicle manufacturer's servicing manual; the requirements of relevant road traffic ordinances of Hong Kong, occupational safety and health as well as that of environmental protection, safely check, repair and replace various types of petrol fuel supply systems, including: <ul style="list-style-type: none"> • Capable to identify the general problems of various types of petrol fuel supply systems by visual inspection

	<ul style="list-style-type: none"> • Operate special testing devices to test various types of petrol fuel supply systems • Check and repair various types of petrol fuel supply systems, including dismantle, replace and re-assemble vehicle system components • Eliminate typical system failure
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to check and repair the petrol fuel supply systems for general vehicles, including operate special testing devices to conduct tests on basic components and systems.</p>
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 mechanical servicing and know how to handle petrol.</p>