

Specification of Competency Standards
for the Automotive Industry
Unit of Competency

Functional Area - Vehicle Servicing

Title	Check and repair vehicle wiper, electric door and power window systems
Code	108653L2
Range	This unit of competency is applicable in vehicle servicing workshops. Practitioners should be able to check, repairing and adjusting vehicle wiper, electric door and window systems safely according to the instructions in the vehicle manufacturer's servicing manual. They should also be able to conduct basic adjustments and tests on components upon completion of work and providing written report.
Level	2
Credit	3 (For Reference Only)
Competency	<p>Performance Requirements</p> <p>1. Knowledge (Structure and basic operating principles of vehicle wiper, electric door and power window systems)</p> <ul style="list-style-type: none"> • Understand the structure and basic operating principles of vehicle wiper, electric door and power window systems. • Understand the circuit of relevant systems. • With reference to the instructions in the vehicle manufacturer's servicing manual, understand the general checking and repairing procedure for wiper, electric door and power window systems. • Understanding of the relevant legal requirements on road and vehicle safety and environment protection. <p>2. Performance (Check and repair vehicle wiper, electric door and power window systems)</p> <ul style="list-style-type: none"> • According to the instructions in the vehicle manufacturer's servicing manual and the requirements of occupational safety and health as well as that of environmental protection, safely check, repair and adjust the vehicle wiper, electric door and power window systems, including: <ul style="list-style-type: none"> ○ Capable of identifying the common faults in the components of wiper, electric door and power window systems by visual inspection ○ Use general tools and instruments to check and measure the wiper, electric door and power window systems ○ Check and repair the parts of wiper, electric door and power window systems as well as circuit systems, including dismantle, replace, re-assemble and adjust relevant system components and accessories ○ Rectify typical system faults ○ Measure and adjust the operation and effectiveness of wiper and electric door and power window systems • Conduct performance and safety inspection after the work and provide written report focusing on: <ul style="list-style-type: none"> ○ Abnormalities ○ Measured data ○ Major decisions
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"> • Capable of checking, repairing and adjusting general vehicle wiper and electric door and power window systems safely according to the instructions in the vehicle manufacturer's servicing manual; and

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	<ul style="list-style-type: none">• Capable of conducting basic adjustments and tests on components upon completion of work and providing written report
Remark	The credits value of this unit of competency is set on the presumption that the practitioner concerned has already possessed basic knowledge of vehicle electronic and electrical system servicing.