

071606T4AMT

AUTOMOTIVE MECHATRONICS TECHNICIAN LEVEL 6

ENG/OS/AMT/CR/09/6/A

MAINTAIN VEHICLE ELECTRONICS AND TRANSDUCERS

July/Aug 2025



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

PRACTICAL ASSESSMENT

T O U R S

INSTRUCTIONS TO CANDIDATE:

1. You are required to perform the following tasks on the vehicle provided;
 - i) **TASK 1:** Carry out engine diagnosis and retrieve stored codes.
 - ii) **TASK 2:** Inspect the variable timing oil control valve (OCV) electrical Circuit
 - iii) **TASK 3:** Inspect and Service the variable timing oil control valve (OCV).
2. You have been provided with the following resources for the practical test.
 - A vehicle fitted with variable valve timing system
 - Assorted spanners
 - Digital multimeter
 - OBD diagnostic scan tool.
 - Oscilloscope
 - Insulating tape
 - Provided vehicle's Electrical service manual
 - Connecting wires
 - 12 V battery
 - Washing petrol

- Push clips