

071606T4AUT

AUTOMOTIVE TECHNICIAN LEVEL 6

ENG/OS/AUT/CR/03/6/A

Maintain Vehicle Fuel System

March/April 2025



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

INSTRUCTIONS TO ASSESSOR

1. Assess the candidate as the practical progresses the critical areas
2. You are required to mark the practical as performed the tasks
3. You are required to take video clips at critical points
4. Ensure the candidate has a name tag and registration code at the back and front

OBSERVATION CHECKLIST

Candidate's Name & Registration Code			
Assessors Name & Registration Code			
Venue of Assessment			
Date of Assessment			
Items to be Evaluated: <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	Marks Available	Marks Obtained	Comments
Service The Electrical Fuel Pump			
1. Wore personal protective equipment. • Safety boots • Overall • Gloves (Award 1 mark for each or Zero)	3		
2. Selected the correct tools Wrenches(torque & pipe wrench) • Car jack • Screwdrivers • Safety stand • Cleaning supplies • Wheel choke (Award ½x4 mark for each)			
3. Parked the vehicle on a flat surface and choked the wheel • Correct parking • Chocking the wheels	2 2		
4. Carried out Preliminary tests • Switched the key on the “ON” position, to hear the sound on the fuel tank. Checked ; • Fuel pump relay for functionality • Fuel pump fuse for functionality • Fuel lines for leaks • Electrical connections (Award 1 mark for test and 2 marks for each item checked)	2 2 2 2 2		

5. Removed the fuel tank from the vehicle • Disconnected the battery negative terminal • Jacked the vehicle. • Located the position of the fuel pump • Drained off fuel from the tank • Removed the bolts attaching the tank to the body • Disconnected fuel outlet and return lines. (Award 1 mark and 2 marks as indicated)	1 2 1 2 3 2 2		
6. Removed fuel pump from tank • Removed the pump retaining screws/ring. • Removed the unit assembly from the tank (Award 2 Marks for each or zero)	2 2		
7. Carried out fuel pump tests • Inspected the float swing unit for damage • Continuity (Award 2 Marks for each or zero)			
8. Re-installed the tank into the vehicle • Tightened the pump retaining screws/ring. • Tightened the tank bolts onto the vehicle • Reconnecting fuel lines and electrical cables (Award 2 Marks for each or zero)	2 2 2		
9. Tested the unit for functionality	2		
10. Finishing within time	2		
TOTAL	50		
GRAND TOTAL	50		

ASSESSMENT OUTCOME

The candidate was found to be:

Competent

☐

Not yet Competent

☐

(Please tick as appropriate)

(The candidate is competent if the candidate obtains at least 50%)

Feedback from the Candidate:

Feedback to the Candidate:

Candidate Signature

Date:

Assessor's Signature

Date
