

**071604T4AUT**  
**AUTOMOTIVE MECHANIC LEVEL 4**  
**ENG/OS/AUT/CR/6/4/A**  
**SERVICE VEHICLE ELECTRICAL SYSTEMS**  
**JULY/AUG 2025**



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

**OBSERVATION CHECKLIST**

**PRACTICAL ASSESSMENT**

**INSTRUCTIONS TO ASSESSOR**

1. Assess the candidate as the practical progresses observing the critical areas
2. You are required to mark the practical as the candidate perform 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

<b>Candidate's Name &amp; Registration Code</b>			
<b>Assessors Name &amp; Registration Code</b>			
<b>Venue of Assessment</b>			
<b>Date of Assessment</b>			
<b>Items to be Evaluated:</b> <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	<b>Marks Available</b>	<b>Marks Obtained</b>	<b>Comments</b>
<b>TASK: SERVICE A PRE-ENGAGED STARTER MOTOR AND REPLACE THE BRUSHES</b>			
1. Wore the correct Personal Protective Equipment <ul style="list-style-type: none"> <li>• Overall</li> <li>• Safety boots</li> </ul> <i>(Award 1 mark each or zero)</i>	<b>1</b> <b>1</b>		
2. Selected the correct tools and equipment <i>(Award 1 mark or zero)</i>	<b>1</b>		
3. Prepared the work place and secured the vehicle <i>(Award 1 mark or zero)</i>	<b>2</b>		
4. Inspected the starter motor systems visually <ul style="list-style-type: none"> <li>• Checking for external damage</li> <li>• Checking for loose connection</li> </ul> <i>(Award 1 mark each)</i>	<b>1</b> <b>1</b>		
5. Disconnected the battery <i>(Award 2 marks or zero)</i>	<b>2</b>		
6. Jacked up the vehicle and placed safety stands <i>(Award 2 marks or zero)</i>	<b>2</b>		
7. Removed the starter motor from the vehicle and placed it on a bench <i>(Award 3 marks for correct procedure)</i>	<b>3</b>		
8. Carried out visual inspection on the starter motor.	<b>2</b>		

<i>(Award 2 marks or zero)</i>			
9. Dismantled the Starter motor <i>(Award 3 marks for correct disassembly)</i>	<b>3</b>		
10. Cleaned the starter motor components <i>(Award 2 marks or zero)</i>	<b>2</b>		
11. Tested the starter motor components: <ul style="list-style-type: none"> <li>• Armature windings</li> <li>• Field coils</li> <li>• Solenoid switch</li> <li>• Pinion gear</li> </ul> <i>(Award 2 marks each or zero)</i>	<b>2</b> <b>2</b> <b>2</b> <b>2</b>		
12. Replaced starter motor brushes <i>(Award 3 marks or zero)</i>	<b>3</b>		
13. Re-assembled the starter motor correctly <i>(Award 3 marks or zero)</i>	<b>3</b>		
14. Tested the assembled starter motor for correct operation <i>(Award 3 marks or zero)</i>	<b>3</b>		
15. Fitted the starter motor to the vehicle <i>(Award 2 marks for correct procedure)</i>	<b>3</b>		
16. Connected the battery <i>(Award 2 marks or zero)</i>	<b>2</b>		
17. Tested for operation. <i>(Award 2 marks or zero)</i>	<b>2</b>		
18. Lowered the vehicle and removed the safety stand. <i>(Award 2 marks or zero)</i>	<b>2</b>		
19. Performed housekeeping <i>(Award 2 marks or zero)</i>	<b>2</b>		
20. Finished within the specified time.	<b>1</b>		

<i>(Award 1 mark or zero)</i>			
<b>TOTAL</b>	<b>50</b>		
<b>ASSESSMENT OUTCOME</b>			
<p>The candidate was found to be:</p> <p style="text-align: center;">Competent <input style="width: 50px; height: 20px; border: 1px solid black;" type="checkbox"/> Not yet Competent <input style="width: 50px; height: 20px; border: 1px solid black;" type="checkbox"/></p> <p><i>(Please tick as appropriate)</i></p> <p><i>(The candidate is competent if the candidate obtains at least 50%)</i></p>			
<b>Feedback from the Candidate:</b>			
<b>Feedback to the Candidate:</b>			
<b>Candidate Signature</b>		<b>Date:</b>	
_____		_____	
<b>Assessor's Signature</b>		<b>Date</b>	
_____		_____	