

Task 2a – Perform a full service and maintenance on vehicle 1

You must:

- i. prepare the working area to complete the full service and maintenance on vehicle 1
- ii. perform the full service and maintenance on vehicle 1 in accordance with your planning documents produced in Task 1. This should include:
 - decommissioning and inspection of the vehicle systems
 - diagnosing and recording faults within the vehicle systems, including carrying out appropriate tests and measurements
 - replacing components and consumables as required in the service schedule and any fault diagnosis
 - safely using the appropriate tools and equipment
 - recommissioning of the vehicle
 - demonstration of vehicle functionality to the manager
 - re-instating the work area
- iii. record the full service and maintenance, to include:
 - completed service sheets
 - completed job card with description of work carried out.

Conditions of assessment:

- the time allocated for this task is **4 hours**
- you must carry out the task on your own, under **controlled conditions** while being observed
- you will be given copies of your completed documentation from Task 1
- you will be given access to the internet for fault diagnostic analysers and researching fault codes.

Controlled conditions:

- you must only work on your tasks in the allocated times
- assessment evidence must be handed in at the end of each session for secure storage which cannot be accessed
- all practical work areas and any evidenced produced must be kept secure and only accessible by the assessor
- you must not share or discuss your work with other candidates
- you are not permitted to bring any materials into the assessment session.

What must be produced for marking:

- completed job card for vehicle 1
- completed manufacturer's service sheet
- internet search history for fault diagnostics and fault codes.

Additional evidence for this task:

- assessor observations of the work area preparation.
- assessor observations of the service and maintenance activities for vehicle 1

- assessor observation of vehicle functionality demonstration.

To support the comments made within the Practical Observation the assessor must capture the following photographs that must be submitted as supporting evidence for each candidate.

Photographic evidence which shows:

- prepared working area for vehicle 1 service and maintenance
- prepared and fitted VPE
- test equipment set up
- re-instated work area.

Resources:

- copies of completed documentation from Task 1
- access to relevant information sources (digital or hard copy) for vehicle 1
- internet access for: fault diagnostic analysers and fault codes
- PPE and VPE
- working area
- access to vehicle 1 which meets the requirements of the brief
- replacement parts, materials and consumables
- appropriate tools and equipment
- measurement, fault diagnosis and test equipment
- appropriate ICT equipment and software, including manufacturer specific diagnostic testers
- access to a rolling road to demonstrate vehicle functionality.

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