# Unit L1AM11: Suspension System Components and Maintenance

## Practical Support Material: Suspension System Maintenance

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| Vehicle Details | | | |
| Reg No: |  | Approx. Year: |  |
| Make: |  | Model: |  |
| Eng/VIN no: |  | | |

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| --- | --- | --- |
| Customer request: | | [Tick tasks carried out ✓] |
| 1. Remove and refit a suspension unit as instructed by your assessor | |  |
| 1. Visually inspect a suspension system | |  |
| 1. State to your assessor: 2. 3 types of springs that are commonly used in suspension systems 3. the purpose of a suspension damper | |  |
| Brief description of work carried out and recommendations for repair: | | |
|  | | |
| PPE work and special precautions taken: | Technical data used to complete task: | [Tick ✓] |
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|  |  |
| Special tools used including any calibration required: | Further faults found: | |
|  |  | |

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## Practical Support Material Assessor Record: Suspension System Maintenance

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| Learning Outcome/Assessment Criteria | Passed [Tick ✓] |
| 1. **Know suspension systems and components**    1. Identify the main components used in suspension systems    2. State the purpose and function of the main components used in suspension systems |  |
| 1. **Know how suspension systems operate**    1. State the operating principles of suspension systems |  |
| 1. **Know how to carry out routine maintenance to suspension systems**     1. State how to remove, inspect, test, and replace suspension system components |  |
| 1. **Be able to carry out routine maintenance on suspension systems**    1. Work safely during suspension system maintenance    2. Select and use the correct technical data, tools and equipment for suspension system maintenance    3. Demonstrate the correct procedures when: 2. removing and replacing a suspension system component 3. visually inspecting a suspension system |  |

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|  | Tick [✓] | Written feedback (with reference to the Assessment Criteria) must be given when a learner is referred: | | |
| **PASS**  I confirm that the learner’s work was to an acceptable standard and met the Assessment Criteria of the unit |  |  | | |
| **REFER**  The work carried out did not achieve the standards specified by the Assessment Criteria *(*written feedback to learner) |  |  | | |
| Assessor’s Name [Print]: | | Assessor’s PIN: | | Date: |
|  | |  | |  |
| The section below is only to be completed once the assessor’s decision has been made and feedback given to the learner: | | | | |
| The section below is to be completed by the learner: | | | | |
| I confirm that the work carried out was my own, and that I received feedback from the assessor | | Learner’s Name: | Learner’s Signature: | Date: |
|  |  |  |