MODULE CONTENT

| Unit of Competency | **DIAGNOSE AND REPAIR SUSPENSION SYSTEM** |
| --- | --- |
| Module Title | **DIAGNOSING AND REPAIR SUSPENSION SYSTEM** |
| Module Descriptor | This unit identifies the competencies required to diagnose and repair the suspension system. |
| Nominal Duration | **hours** |
| Summary of the Learning Outcomes: | |
| Upon completion of this module the student must be able to: | |
| LO1. Prepare to diagnose and repair suspension system | |
| LO2. Diagnose suspension | |
| LO3. Repair suspension system | |
| LO4. Complete work processes | |

**LEARNING EXPERIENCES**

**LEARNING OUTCOMES NO. 4**

**COMPLETE WORK**

| **Learning Activities** | **Special Instructions** |
| --- | --- |
| Read Information Sheet 3.1-1 Complete work processes | If you have some problem with the content of the information sheet don’t hesitate to approach your Trainer.  If you feel that you are now knowledgeable on the content of the information sheet, you can now answer the self-check provided in the module. |
| Answer Self-Check 3.1-1 on Complete work processes | Try to answer the Self-check without looking at the Answer Key  Compare your answer to Answer Key 3.1-1 |
| Observe Trainer’s demonstration on Task Sheet 3.1-1 on Complete work processes | Listen carefully and attentively so that you may be able to perform a task correctly  Ask questions if are in doubt for clarification |
| Perform the Task Sheet 3.1-1 on Complete work processes | Remember the step-by-step procedure the Complete work processes |
| Evaluate the performance using the Performance Criteria Checklist 3.1-1 | Repeat the task in case fail to meet the criteria |

**INFORMATION SHEET 1.1-1**

**COMPLETE WORK**

**Learning Objectives:**

After reading this **Information Sheet**, you must be able to:

1. Made final inspection.
2. Turned-over vehicle.
3. Restored work area.
4. Managed wastes.
5. Checked and stored tools and equipment.
6. Accomplished workplace documents.

**SUSPENSION SYSTEM**

**Removing and Install Control Arm Bushings on a Rear Coil-Spring Type Suspension System**

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Station \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_**

**Objective**

**Upon completion of this job sheet, you will have demonstrated the ability to service suspension system. You must know how to performs these tasks in order to pass the Competency Assessment in Service Suspension System.**

**Tools and Materials**

**Assorted hand tools Jack stands**

**Bushing receiver, remover, and installer Screw-type jack stands**

**tools Service manual**

**Frame contact hoist Torque wrench**

**Description of Vehicle:**

**Year\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Make\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Model\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**VIN\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Engine Type and Size\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Mileage \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Describe the general operating condition:**

**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**PROCEDURE**

**1. Diagnose suspension system failure**

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**2. Dismount/mount suspension Components parts**

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**3. Disassemble/Assemble suspension parts**

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**4. Inspect/replace suspension component parts**

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**Problems Encountered**

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**Instructor’s Comments**

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