MODULE CONTENT

| Unit of Competency | **DIAGNOSE AND REPAIR BODY ELECTRICAL SYSTEM** |
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| Module Title | **DIAGNOSING AND REPAIRING BODY ELECTRICAL SYSTEM** |
| Module Descriptor | This unit covers the knowledge, skills and attitudes  required to diagnose and repair body electrical system  such as lighting, wiper, door locks, power window, horn,  accessories and other electrical 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 body electrical system | |
| LO2. Diagnose body electrical system | |
| LO3. Repair body electrical system | |
| LO4. Complete work processes | |

**LEARNING EXPERIENCES**

**LEARNING OUTCOMES NO. 2**

**REPAIR BODY ELECTRICAL SYSTEM**

| **Learning Activities** | **Special Instructions** |
| --- | --- |
| Read Information Sheet 3.1-1 Repair body electrical system | 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 Repair body electrical system | 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 Repair body electrical system | 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 Repair body electrical system | Remember the step-by-step procedure of the Repair body electrical system |
| 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**

**REPAIR BODY ELECTRICAL SYSTEM**

**Learning Objectives:**

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

1. Solder of wires
2. Replace fuse, relays, switches and bulbs
3. Replace assembly components

**BODY ELECTRICAL SYSTEM**

The lighting system provides power to both exterior and interior lights. It consists of the headlights, parking lights, marker lights, taillights, courtesy lights, dome/map lights, instrument illuminator or dash lights, coach lights (if so equipped), headlight switch, and various other control switches (Figure 20 – 1). Other lights, such as vanity mirror lights, the underhood light, are used on some vehicles and are also part of the lighting system.