

## Plug-In Vehicle Charging Diagnosis

Meets ASE Task: Not specified by ASE

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Time on Task: \_\_\_\_\_

Make/Model/Year: \_\_\_\_\_ VIN: \_\_\_\_\_

Evaluation (Enter number from 4, 3, 2, 1) : \_\_\_\_\_

- ☐ 1. A common complaint among drivers on plug-in vehicles is that the vehicle does not charge the battery when plugged into the charging equipment. When diagnosing this condition, the following should be checked:

What is the status of the charging Indicator? \_\_\_\_\_

Does the charging equipment meet SAE and IEC standards? Yes \_\_\_\_ ☐ No \_\_\_\_ ☐

Condition of the power cord: \_\_\_\_\_

Does the power cord connect securely to the vehicle? Yes \_\_\_\_ ☐ No \_\_\_\_ ☐

Is the vehicle programmed for delayed charging? Yes \_\_\_\_ ☐ No \_\_\_\_ ☐

Was the electricity interrupted before the charging was complete? Yes \_\_\_\_ ☐ No \_\_\_\_ ☐

- ☐ 2. Before making any repairs related to vehicle charging issues, check for technical service bulletins that may pertain to this condition. (describe):

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- ☐ 3. Connect the scan tool to the data link connector (DLC) and check for codes related to vehicle charging. (describe):

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- ☐ 4. Based on the information collected, what actions are needed?

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