

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):

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

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