

Inverter and Electric Motor Scan Tool Diagnosis

Meets ASE Task: L3 – D-4

Name: _____ Date: _____ Time on Task: _____

Make/Model/Year: _____ VIN: _____

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

1. Connect the scan tool to the data link connector (DLC). Check the hybrid control module for diagnostic trouble codes. (describe):

2. Access the live data function and record the values for the following PIDs with the key on.

Ready Signal _____

Motor (MG1) Torque _____

Motor (MG1) Revolution _____

Motor (MG1) Temperature _____

Motor (MG2) Torque _____

Motor (MG2) Revolution _____

Motor (MG2) Temperature _____

Inverter Temperature _____

3. Based on the information collected, what actions are necessary?

