

EV and HEV Transmission Scan Tool Diagnosis

Meets ASE Task: A2 – A-3 – P-1

Name: _____ Date: _____ Time on Task: _____

Make/Model/Year: _____ VIN: _____

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

1. Plug the scan tool into the data link connector (DLC) and access the transmission control module (TCM). Check for diagnostic trouble codes (DTCs).

2. With the scan tool access the transmission control module live data PIDs. With the key on, record the following.

Motor Temperature No 1 _____

Motor Temperature No 2 _____

Motor #1 Revolution _____

Motor #2 Revolution _____

Shift Position Sensor _____

Motor #1 Torque _____

Motor #2 Torque _____

3. Check service information for technical service bulletins (TSBs) related to transmission concerns. (describe):

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

