

Regenerative Braking System Diagnosis

Meets ASE Task: A5 – G-1 – P-1

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) and check for codes in the ABS control module and the Hybrid control module.

ABS: _____

Hybrid: _____

- ☐ 2. Record the following live data PIDs from the ABS control module.

LF Wheel Speed Sensor _____

RF Wheel Speed Sensor _____

LR Wheel Speed Sensor _____

RR Wheel Speed Sensor _____

Lateral Sensor _____

Yaw Rate Sensor _____

Brake Pedal Position Sensor _____

- ☐ 3. Record the following live data PIDs from the Hybrid control module.

Regenerative Brake Torque _____

Requested Regenerative Brake Torque _____

Vehicle Speed _____

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

