Pre Calibration Check

Date:

Your first name:

Your last name:

Owner first name:

Owner last name:

Vehicle make:

Vehicle model:

Vehicle year:

Vehicle engine:

Objective: To complete necessary Pre Calibration checks on an AV system-equipped vehicle.

Tools and Equipment:

- Shop or service facility
- AV system-equipped vehicle

Instructions: In this exercise, you will perform the necessary checks on the shop or service facility and on the vehicle that is to be calibrated.

- Check SI. What calibration type is required?
- Confirm proper equipment is available to perform the calibration (targets, stands, scan tool, power supply unit, and so on). List the necessary equipment needed for the calibration.

- List the part number of the target or targets required.

- Is there proper shop space for uninterrupted calibration?

- If no, what can you do to fix the problem?

- If calibrating a radar system, confirm that there are no obstructions in the service bay that could interfere with radar calibration.

- List the target locations.

- List the target-to-vehicle distances.

- Perform a visual inspection of the vehicle. Describe any areas of concern.

- Check for diagnostic trouble codes (DTCs) applicable to ADAS and related systems. List any applicable DTCs.

- Are the tires the correct size?

- Explain how incorrect tire size can affect a vehicle calibration.

- Do the tires show signs of wear?

- Describe how tire wear might affect ADAS calibrations.

- List the tire pressure specifications.

- Where did you find the tire pressure specification?

- Check the tire pressure and record the results.

- Check the fluid levels. Do the fluid levels need to be adjusted?

- If yes, make and describe the necessary adjustments.

- Is the vehicle equipped with height-adjustable suspension?

- If yes, follow manufacturer instructions to disable it if required for calibration.
- Check the vehicle ride height. Record the specification and your measurement.

Specification:

Measurement:

- Do you need to adjust the vehicle ride height to meet specifications?

- How would you adjust the ride height?

- Is vehicle alignment necessary for calibration?

- If necessary, perform a vehicle alignment. Was the vehicle alignment within manufacturer specifications?

- Include the vehicle alignment printout.
- Did you encounter any problems during this procedure?

- If yes, describe the problem or problems:

- What did you do to correct the problem or problems?

Instructor approval and comments: