

ADAS Signal Capture

Date:

Your first name:

Your last name:

Owner first name:

Owner last name:

Vehicle make:

Vehicle model:

Vehicle year:

Vehicle engine:

Objective: To use a meter to capture communication signals.

- ADAS-equipped vehicle
- Applicable tools and equipment

Instructions: In this exercise you will use equipment to test the communication signals of components that are part of an ADAS system.

What ADAS feature are you testing?

Answer:

What specific ADAS component are you testing?

Answer:

Gather the applicable tools and equipment necessary for this exercise

1. List the tools and equipment required for testing.

Answer:

Gather any PPE necessary for this exercise. List the PPE required for testing.

Answer:

What diagnostic equipment (DMM/Oscilloscope/? are you using?

Answer:

Is communication via wire or a data bus?

Answer:

If communication is via a data bus, list the types of communication used for each component.

Answer:

What type of signal will you capture?

Answer:

Why?

What action would cause the signal to change?

Answer:

Describe what the change in signal would look like.

Answer:

What would be the results of an open or short in the signal line?

Answer:

Did you encounter any problems during this procedure and if so, what?

Answer:

If problems, what did you do to correct them?

Answer:

Instructor comments and approval: