

AV Operational Description.

Date:

Your first name:

Your last name:

Owner first name:

Owner last name:

Vehicle make:

Vehicle model:

Vehicle year:

Vehicle engine:

Objective: To determine the functional operation of different ADAS components and features.

Tools and Equipment:

- Three AV-equipped vehicles

Instructions: During this activity you will inspect and describe the functional operation of components on three different AV-equipped vehicles.

Vehicle One:

- Make:
- Model:
- Year:
- Mileage:
- What AV system does this vehicle have?
- Who are the manufacturers of the AV system?
- Do any of the systems use a camera?
 - If yes, what types of camera are used?
- Do any of the systems use radar?
 - If yes, what types of radar are used?
- Do any of the systems use ultrasound?
 - If yes, how many ultrasonic sensors are used for each system?
 - If yes, what color are the ultrasonic sensors for each system?
- Is it possible for the driver of the vehicle to turn off any of the AV system?
 - If yes, which AV system can be turned off?

Vehicle Two:

- Make:
- Model:
- Year:
- Mileage:
- What AV system does this vehicle have?
- Who are the manufacturers of the AV system?
- Do any of the systems use a camera?
 - If yes, what types of camera are used?
- Do any of the systems use radar?
 - If yes, what types of radar are used?
- Do any of the systems use ultrasound?
 - If yes, how many ultrasonic sensors are used for each system?
 - If yes, what color are the ultrasonic sensors for each system?
- Is it possible for the driver of the vehicle to turn off any of the AV system?
 - If yes, which AV system can be turned off?

Vehicle Three:

- Make:
- Model:
- Year:
- Mileage:
- What AV system does this vehicle have?
- Who are the manufacturers of the AV system?
- Do any of the systems use a camera?
 - If yes, what types of camera are used?
- Do any of the systems use radar?
 - If yes, what types of radar are used?
- Do any of the systems use ultrasound?
 - If yes, how many ultrasonic sensors are used for each system?
 - If yes, what color are the ultrasonic sensors for each system?
- Is it possible for the driver of the vehicle to turn off any of the AV system?
 - If yes, which AV system can be turned off?

Vehicle Comparison:

- How are the AV systems on the vehicles similar?

- How are the AV systems on the vehicles different?

Conclusion:

- Did you encounter any problems during this procedure?
 - If yes, describe the problems.

- What did you do to correct the problems?

Instructor approval and comments:

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