STUDY: Research on Passenger Car Driver Interactions with Driver Assistance Technologies

STERLING IRB ID: 7780-EMazzae

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**Post-Drive Questionnaire – Owners**

What vehicle model do you own?

**Additional questions for owners of vehicles with advanced driver assistance features:**

**Please answer these questions based on your overall experience with your personal vehicle.**

How many months have you owned your vehicle?

When you purchased your vehicle, how important was the fact that this vehicle was equipped with advanced driver assistance features?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Not at allImportant | Indifferent | SlightlyImportant | Important | ExtremelyImportant |



If the vehicle being equipped with these advanced driver assistance features was important, what made it important to you? Check all that apply.

* Features that have some ability to control the vehicle
* Features that make the vehicle safer
* The more tech the better!

 Other:

When driving on highways, how often do you use:

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | Never | Sometimes | Half the Time | Often | Every Time |
| …both advanced driver assistance features? |  |  |  |  |  |
| …only longitudinal (acceleration and deceleration) control? |  |  |  |  |  |
| …only lateral (i.e., lane position) control? |  |  |  |  |  |

## Please indicate your level of agreement or disagreement with the following statements about your own vehicle.

The advanced driver assistance features are **dependable**.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Strongly Disagree | Moderately Disagree | Somewhat Disagree | Neither Agree norDisagree | Somewhat Agree | Moderately Agree | Strongly Agree |

      

**I feel safe** using the advanced driver assistance features.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Strongly Disagree | Moderately Disagree | Somewhat Disagree | NeitherAgree nor Disagree | Somewhat Agree | Moderately Agree | Strongly Agree |

      

**I trust** the advanced driver assistance features to competently assist with driving the vehicle.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Strongly Disagree | Moderately Disagree | Somewhat Disagree | NeitherAgree nor Disagree | Somewhat Agree | Moderately Agree | Strongly Agree |

      

## Please answer the following about your experience in the study vehicle compared to your own vehicle.

My own vehicle’s advanced driver assistance functions **perform better** than those in the vehicle I drove today.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Strongly Disagree | Moderately Disagree | Somewhat Disagree | Neither Agree norDisagree | Somewhat Agree | Moderately Agree | Strongly Agree |

      

My own vehicle’s advanced driver assistance feature has visual/auditory messages and visual symbols that are **easier to understand** than those in the vehicle I drove today.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Strongly Disagree | Moderately Disagree | Somewhat Disagree | NeitherAgree nor Disagree | Somewhat Agree | Moderately Agree | Strongly Agree |

      

**I feel safer using my own** vehicle’s advanced driver assistance features than those in the vehicle I drove today.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Strongly Disagree | Moderately Disagree | Somewhat Disagree | Neither Agree norDisagree | Somewhat Agree | Moderately Agree | Strongly Agree |

      

While driving a vehicle with advanced driver assistance features actively engaged, how likely are you to do the following non-driving activities?

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Neither |  |  |
| Very | Somewhat | Unlikely | Somewhat | Very |
| Unlikely | Unlikely | nor | Likely | Likely |
|  |  | Likely |  |  |
| Talk to a passenger  |  |  |  |  |
| Talk on a mobile phone  |  |  |  |  |
| Write and send text or e-mail messages |  |  |  |  |
| Read text or e-mail messages  |  |  |  |  |
| Internet browsing  |  |  |  |  |
| Social media (e.g., Facebook, Twitter)  |  |  |  |  |
| Read printed material  |  |  |  |  |
| Watch videos/movies  |  |  |  |  |
| Work  |  |  |  |  |
| Eat food  |  |  |  |  |
| Stare out the window  |  |  |  |  |
| Sleep  |  |  |  |  |