Sample Workbook for Crash Avoidance Technologies Focus Groups

Instructions:

On the following pages you will find descriptions for various safety technologies that may be available on new model year vehicles. On each page, please read the description, then use your highlighters to indicate which potential names match or do not match the definition offered. Using your green highlighter, you will mark those names that __clearly match__ the description. Using your red highlighter, you will mark those names that __do not clearly match__ the description. When you finish highlighting, please circle the name you think best matches the description.

A system that is designed to warn a driver when the vehicle begins to move out of its lane (unless a turn signal is on in that direction).

Potential Technology Name
Step 1: Highlight in Green – Names that clearly match the description above
Step 2: Highlight in Red – Names that do not clearly match the description above
Step 3: Please circle the name you think best matches with the description above
NOTE: If you can think of another name for this, write it down!

Lane Departure Warning   **Lane Departure Keeping**

Lane Monitoring System

A system that is designed to warn a driver when the vehicle is about to impact another vehicle or object giving the driver more time to react.

Potential Technology Name

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Pre-Safe System   **Front Assist**   **Pre-Collision System**

Pre-Sense Plus   **Crash Imminent Braking**   **Dynamic Brake Assist**

Collision Mitigation Brake System   **Forward Collision Warning**

A driver assistance system that actively affects the direction of the vehicle when it is about to drift beyond a specified point of their current travel lane.

Potential Technology Name

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Lane Departure Prevention   **Active Lane Keeping Assist**

Lane Centering Assist   **Lane Keeping Assist**

A system with forward-looking sensing technologies that automatically apply the vehicle's brakes shortly before a collision occurs to help reduce the severity of rear-end collisions.

Emergency Brake Assist   **Predictive Emergency Braking**

Crash Imminent Braking   **Brake Assist Plus**

Automatic Emergency Braking   **City Safety Automatic Braking System**

A collision warning system that can detect a pedestrian in front of or the rear of the vehicle and automatically apply the brakes if a driver isn't paying attention

Potential Technology Name

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Pedestrian Detection   **City Safety**

A system that, in the event of a crash, will initiate an emergency wireless call to a Telematics Service Provider (like Onstar) to deliver the vehicle's GPS location, crash-related data and open a voice communications channel to the emergency call center.

<u>**Potential Technology Name**</u>
*Step 1: Highlight in **Green** – Names that <u>**clearly match**</u> the description above*
*Step 2: Highlight in **Red** – Names that <u>**do not clearly match**</u> the description above*
*Step 3: Please <u>**circle**</u> the name you think <u>**best matches**</u> with the description above*
NOTE: If you can think of another name for this, write it down!

911 Assist   **Automatic Collision Notification**   **Safe Connect**

Advanced Automatic Crash Notification   **Advanced Automatic Collision Notification**

A system uses cameras or radar to alert the driver when it detects another vehicle is in the theoretical blind spot.

Potential Technology Name

Step 1: Highlight in Green – Names that clearly match the description above
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NOTE: If you can think of another name for this, write it down!

Blind Spot Detection   **Blind Spot Information System**   **Side Assist**

A lighting system designed to reduce glare and improve vision for nighttime driving.

Potential Technology Name

Step 1: Highlight in **Green** *– Names that* **clearly match** *the description above*
Step 2: Highlight in **Red** *– Names that* **do not clearly match** *the description above*
Step 3: Please **circle** *the name you think* **best matches** *with the description above*
NOTE: If you can think of another name for this, write it down!

Adaptive Frontal Lighting   **Directional Headlights**

Intelligent Light system   **Advanced Frontal Lighting**

A technology that allows parents to control their teen's use of the vehicle by limiting speed and audio volume and sending alerts to the driver when seatbelts are not fastened or vehicle speed reaches a certain level.

Potential Technology Name

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Teen Keys   **Smart Keys**   **MyKey**

ADDITIONAL MODERATOR MATERIALS

Vehicle-to-vehicle Communication

A system that enable vehicles to communicate with both each other and stationary edifices in order to help prevent accidents on the road.

Senior Citizen Vehicle Rating

A method of rating vehicles for older drivers. This "Package" of advanced technology options and crash performance characteristics would be helpful purchasing information for older drivers. The content of the package would be identified by NHTSA.