

# Speaker Instructions



## Children in Automated Vehicles

What do we need to know and do?



## Children in Automated Vehicles: What do we need to know and do?

Motor vehicle crash injuries are a leading cause of death and unintentional injury for children. Correctly selected and used child restraint systems and seat belts continue to be our best defense, regardless of vehicle type or the cause of the crash. The best way to avoid crash injury is to prevent the crash in the first place, and Driver-Assistance and Autonomous Features show great promise at doing that. Crashes will still occur for the foreseeable future, so car seats and seat belts must still be used consistently and correctly, and other factors must be considered as more advanced systems are introduced.

### Background

While driver assistance features have been in development and evolving since the 1960s, the development and implementation of more automated features has recently increased. Child passenger safety advocates became more actively involved in the process in 2015. Two years later, Safe Kids Worldwide assembled a group of experts representing stakeholders and experts as the Children in Autonomous Vehicles Blue Ribbon Panel. Following the panel's 2018 report, Safe Kids Worldwide followed up by forming the Consortium on Protecting Children in Autonomous Vehicles. That group has collected and composed a suite of educational and model resources, including the attached PowerPoint presentation.

### Consortium Purpose

The Autonomous Vehicles Consortium works to ensure that child safety needs are actively reflected in new vehicle designs, regulations, laws and educational messaging. We are encouraged by the expansion of advanced driver assistance technologies and automated driving features, and by their promising potential to prevent or mitigate crashes caused by human error. Our priority is to ensure that stakeholders consider the safety needs of families as these technologies continue to evolve, thereby minimizing the risk of injury and death.

## Presentation for Varying Audiences and Timeframes

*Children in Automated Vehicles: What do we need to know and do?* is intended to be a versatile “master deck” of slides that can be customized for different time allotments and audiences. Here are a few examples:

### Example 1: Consumer Awareness

The presenter may choose to use general slides explaining:

- types of driver assistance and autonomous features that currently exist or are anticipated near-term
- basic information on “best practices” including appropriate restraint of all passengers according to manufacturers’ instructions
- introduction of important concepts like driver readiness and child supervision
- discussion of appropriate tools and resource links

### Example 2: CPS Advocacy

The presenter may choose to use most slides to ensure basic knowledge of all topics:

- all types of driver assistance and autonomous features
- why following “best practices” for selection, supervision and policy is vital
- awareness of how different specialty areas are affected and must be considered
- familiarity with all Consortium tools and resource links

### Example 3: Technical Presentation to Specialized Groups

A well-informed and properly prepared presenter may focus on the groups specific needs and detailed discussion:

- why proper restraint and CRS compatibility must be considered as vehicles and policies are developed
- environments that current CRS are compatible with (e.g. front-facing vehicle seats)
- the importance of considering children at various development stages as systems evolve (e.g. air bags)
- currently unknown factors such as a potential shift in the most common type(s) of crashes

This flexibility is intentional, but please note that the included slides and presenter notes are primarily awareness-building tools. More specialized audiences may require additional technical information and detail, so appropriate presenter knowledge and preparation will be necessary. Well-chosen slides and referenced resources in this master deck, however, will continue to provide a good starting point and consistency with the provided information.

## Presentation

**Important:** The presenter notes DO NOT appear on the slides. Please print and study them in advance.

The PowerPoint presentation is simple to customize and operate. Just open it and select Slideshow view. All further movement can be controlled by pressing your keyboard's down arrow (to advance) or up arrow (to go back).

To customize the deck that you will be using, we recommend saving a new version of the presentation to your hard drive or cloud source.

- Open the master presentation
- Click File and then Save As
- Rename the presentation appropriately (e.g. AV – Parent Awareness)
- Delete the slides that you will not be using and ensure that the remaining slides are in a logical order
- Click File and then Save

(if you make any errors, remember that the original master slide deck can be downloaded again in its original form)

Remember to print and study your presenter notes in advance:

- Open the presentation
- Click File and then Print
- Under Settings there is a drop down menu that says Full Page Slides
- In that drop down select Notes Pages
- Adjust any other settings to provide what you wish
- Choose your preferred printer or PDF conversion and click Print

The presentation is intentionally not scripted in order to allow for custom presentation and appropriate audience interaction. The presenter's role is to teach key points as appropriate for the audience and timeframe, facilitate appropriate participant involvement, and reinforce the key points. The presenter notes are just that – notes. They do not appear on the slides, so you need to become familiar with them before you present. Presenter preparation with the linked resources and updated information is a must.

**Happy Presenting!**