



## Children in Automated Vehicles

The Consortium reviewed all Federal motor vehicle safety standards and found the ones shown here to have aspects that are especially relevant to the safety of child passengers.

### Analysis of U.S. Federal Vehicle Safety Standards: Child Passengers and AVs Crash Avoidance: 100 Series

FMVSS	Topic of standard	Aspect(s) related to children	Child safety considerations to bear in mind if standard is targeted for amendment to remove AV barriers
101	Controls and Displays	Passenger air bag off telltale sign	<p>Air bags may take on an expanded role in occupant protection in AVs; status of air bags in proximity to children will be important to know.</p> <p>Other telltales, like to indicate mode of automation and restraint status, may be needed.</p> <p>Revised consideration may be needed for where telltales are located (no longer situated for the benefit of a driver).</p>
102	Transmission Shift Position Sequence, Starter Interlock, and Transmission Braking Effect	Starter interlock intended to prevent unintentional rollaway, such as by an unattended child.	If children are more likely to be left alone in vehicles, there may be a heightened risk of injury by means of rollaways. AVs are likely to have different methods for starting, and consideration for unattended children should be given to these new types of vehicles.
118	Power-Operated Window, Partition, and Roof Panel Systems	Design requirements for means to close windows and partitions so as not to cause injury (especially to children).	If children are more likely to be left alone in vehicles, there may be a heightened risk of injury by means of rollaways. AVs are likely to have different methods for starting, and consideration for unattended children should be given to these new types of vehicles.