

Systems to Prevent Small Children from Being Left Unattended in Vehicles

Ministry of Sustainable Infrastructure and Mobility

Legal Framework

- Law No. 117 of 1st October 2018 - *concerning use of systems to prevent children from being left unattended in vehicle involuntary* – amended the Italian National Highway Code (art. 172).
- Ministerial Decree No. 122 of 2nd October 2019 concerning administrative and technical rule for systems to prevent children from being left unattended in vehicle involuntary

Main Action

- Mandatory from 7 November 2019, to have a Child Reminder Systems when a children under 4 years old is transported
- Fiscal incentives are issued for a quick implementation
- An awareness campaigns is carried out.

Ministerial Decree No. 122 (1/4)

- The Ministerial Decree identifies three different type of system to prevent children from being left unattended in vehicle involuntary:
 - 1) System originally integrated in vehicles
 - 2) System originally integrated in child restraint systems itself
 - 3) Separate system
- For each type of system, the functionality requirements and the applicable technical standards are established.

Ministerial Decree No. 122 (2/4)

- Functional requirements for all system (1/2)
 - a) The system shall signal to the driver of the vehicle that a child is left on the vehicle on which he is transported by activating one of the signals referred to letter d);
 - b) The system shall activate automatically at each use, without further action by the driver;
 - c) The system shall give a confirmation signal to the driver at the moment of activation;

Ministerial Decree No. 122 (3/4)

- Functional requirements for all system (2/2)
 - d) In case of the system detects that an alarm signal is needed, the signal shall obtain the driver's attention promptly by a visual and acoustic or visual and haptic signals, perceptible inside or outside the vehicle
 - e) The system shall activate the communication system indicated in letter g);
 - f) If powered by a battery, the system shall signal to the driver the low levels of remaining charge;
 - g) The system may be equipped with an automatic communication system for sending messages or calls via wireless mobile communication networks.

Ministerial Decree No. 122 (4/4)

- Technical requirements for separate system
 - a) The system must be based on electronic systems with usage logics or which use special sensors;
 - a) When interacting with the vehicle or with a child restraint system, the system shall not effect the type approval of vehicle or child restraint system

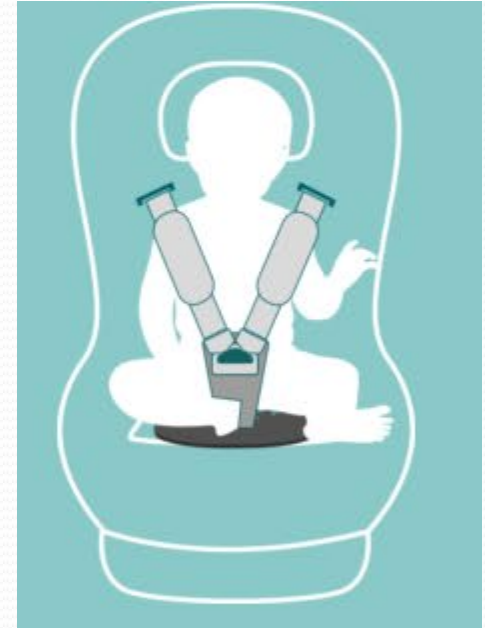


Examples of best-selling products

Device on Safety Belt



Cushion under Baby



Reference

- <https://www.mit.gov.it/comunicazione/news/seggioli-ni-antiabbandono>
- <https://www.gazzettaufficiale.it/eli/id/2019/10/23/19G00130/sg>
- <https://www.piuvenduti.it/dispositivi-anti-abbandono/>



Thanks for Your Attention