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UN Regulation No. 145 (ISOFIX anchorage systems, ISOFIX top tether anchorages and i-Size)

Proposal for Supplement 1 to the original series of amendments to UN Regulation No. 145 (ISOFIX anchorage systems, ISOFIX top tether anchorages and i-Size)

Submitted by the expert from the Netherlands *

The text reproduced below was prepared by the expert from the Netherlands, aiming to clarify the requirements for the location of ISOFIX systems in case the vehicle type is equipped with rearward facing seats. It is based on GRSP-68-16 distributed at the sixty-eighth session of the Working Party on Passive Safety (GRSP) (see ECE/TRANS/WP.29/GRSP/68, para. 47). The modifications to the current text of the UN Regulation are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2021 as outlined in proposed programme budget for 2021 (A/75/6 (Sect.20), para 20.51), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



I. Proposal

Paragraph 5.3.3., amend to read:

"5.3.3. Notwithstanding paragraph 5.3.1. at least one of the two ISOFIX positions systems shall be installed at the second seat row. **In case the second seat row consists of a seat or seats permanently facing rearwards, they are disregarded and this requirement then applies to the first consecutive forward facing seat row, if available.**"

II. Justification

1. A situation may occur where the second seat row consists of rearward facing seats, either with or without the possibility to turn or be mounted in forward facing direction. This proposal aims at clarifying the minimum required number of ISOFIX positions systems for this kind of situation.

2. In a situation where the second seat row can be turned or mounted in forward facing direction, it is right to have ISOFIX systems in these seats. The owner's manual shall make it clear in what position the seats must be turned or mounted in order to be used in combination with different types of Child Restraint Systems.

3. In a situation where the second seat row cannot be turned or mounted in forward facing direction, at least one ISOFIX system shall be available in the third row, if there is any. In the unlikely situation where there is no third row, it means that only the front passenger seat(s) shall have (an) ISOFIX system(s) installed.

4. In UN Regulation No. 129, there is a definition of rear seats, being "*fixed, forward-facing seats situated behind another group of vehicle seats*". UN Regulation No. 145 seems to take only forward-facing seats into consideration, but this is nowhere stated.
