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World Forum for Harmonization of Vehicle Regulations**Working Party on Passive Safety****Sixty-first session**

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Item 9 of the provisional agenda

Regulation No. 16 (Safety-belts)**Proposal for supplement 2 to the 07 series of amendments to
Regulation No. 16 (Safety-belts)****Submitted by the expert from the International Organization of Motor
Vehicle Manufacturers ***

The text reproduced below was prepared by the expert from the International Organization of Motor Vehicle Manufacturers (OICA). The proposal aims at aligning Regulation No. 16 to the split of Regulation No. 14 into two Regulations. The modifications to the current text of the Regulation are marked in bold for new characters.

* In accordance with the programme of work of the Inland Transport Committee for 2016–2017 (ECE/TRANS/254, para. 159 and ECE/TRANS/2016/28/Add.1, cluster 3.1), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

GE.17-02362(E)



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I. Proposal

Paragraph 2.30., amend to read:

"2.30. "ISOFIX child restraint system" means a child restraint system, fulfilling the requirements of Regulation No. 44 or Regulation No. 129, which has to be attached to an ISOFIX anchorages system, fulfilling the requirements of Regulation No. 14 **or Regulation No. [XX]**."

Paragraph 2.32., amend to read:

"2.32. "ISOFIX Anchorages System" means a system made up of two ISOFIX low anchorages, fulfilling the requirements of Regulation No. 14 **or Regulation No. [XX]**, and which is designed for attaching an ISOFIX child restraint system in conjunction with an anti-rotation device."

Paragraph 2.35., amend to read:

"2.35. "ISOFIX Top Tether Anchorage" means a feature, fulfilling the requirements of Regulation No. 14 **or Regulation No. [XX]**, such as a bar, located in a defined zone, designed to accept an ISOFIX top tether strap connector and transfer its restraint force to the vehicle structure."

Paragraph 2.38., amend to read:

"2.38. "Child restraint fixture (CRF)" means a fixture according to one of the ISOFIX fixtures defined in paragraph 4. of annex 17 - appendix 2 of this Regulation, and particularly whose dimensions are given from figure 1 to figure 8 in the previous mentioned paragraph 4. Those child restraint fixtures (CRF) are used, in this Regulation, to check which ISOFIX child restraint systems size envelopes classes mentioned in Regulation No. 44 or in Regulation No. 129 can be accommodated on the vehicle ISOFIX positions. Also one of the CRF, the so-called ISO/F2, which is described in figure 2 of the previous mentioned paragraph 4, is used in Regulation No. 14 **or Regulation No. [XX]** to check the location and the possibility of access to any ISOFIX anchorages system.

Or a fixture, according to one of the two "booster seat" fixtures defined in Annex 17, Appendix 5 of this Regulation, and particularly whose dimensions are given in figures 2 and 3 of Annex 17, Appendix 5. These fixtures are used, in this Regulation, to check which booster seat size envelopes mentioned in Regulation No. 129 can be accommodated on vehicle seating positions, if any."

Paragraph 8.2.1., amend to read:

"8.2.1. Safety-belts, restraint systems, and ISOFIX child restraint systems, as well as i-Size child restraint systems according to Annex 17 - Appendix 3, shall be fixed to anchorages and in case of i-Size child restraint systems, supported by a vehicle floor contact surface, conforming to the specifications of Regulation No. 14 **or Regulation No. [XX]**, such as the design and dimensional characteristics, the number of anchorages, and the strength requirements."

Paragraph 8.3.5., amend to read:

"8.3.5. In order to inform vehicle user(s) of the provisions made for the transport of children, vehicles of Categories M₁, M₂, M₃ and N₁ shall meet the information requirements of Annex 17. Any vehicle of Category M₁ shall be equipped with ISOFIX positions, in accordance with the relevant prescriptions of Regulation No. 14 **or Regulation No. [XX]**."

The first ISOFIX position shall allow at least the installation of one out of the three forward-facing fixtures as defined in Appendix 2 of Annex 17; the second ISOFIX position shall allow at least the installation of one rear-facing fixture as defined in Appendix 2 of Annex 17. For this second ISOFIX position, in case where the installation of the rear-facing fixture is not possible on the second row of seats of the vehicle due to its design, the installation of one fixture is allowed in any position of the vehicle."

II. Justification

For International Whole Vehicle Type Approval, a UN Regulation is split in two regulations, UN Regulation No. 14, 08 series of amendments including only adult safety belt anchorages and a new regulation UN Regulation No. [XX] will include all requirements for child restraint anchorages. Accordingly, the references to UN Regulation No. 14 in UN Regulation No. 16 must be updated also to recognize child restraint system anchorages installed on the vehicle and approved under the new regulation.
