

26 March 2018

Agreement

Concerning the Adoption of Harmonized Technical United Nations Regulations for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these United Nations Regulations*

(Revision 3, including the amendments which entered into force on 14 September 2017)

Addendum 13 – UN Regulation No. 14

Revision 5 - Amendment 5

Supplement 8 to the 07 series of amendments – Date of entry into force: 10 February 2018

Uniform provisions concerning the approval of vehicles with regard to safety-belt anchorages, ISOFIX anchorages systems, ISOFIX top tether anchorages and i-Size seating positions

This document is meant purely as documentation tool. The authentic and legal binding text is: ECE/TRANS/WP.29/2017/58



UNITED NATIONS

* Former titles of the Agreement:

Agreement concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958 (original version); Agreement concerning the Adoption of Uniform Technical Prescriptions for Wheeled Vehicles, Equipment and Parts which can be Fitted and/or be Used on Wheeled Vehicles and the Conditions for Reciprocal Recognition of Approvals Granted on the Basis of these Prescriptions, done at Geneva on 5 October 1995 (Revision 2).

Paragraph 2.17., amend to read

"2.17. "ISOFIX position" means a position which allows the installation of:

...

- (f) Or an i-Size child restraint system of integral class as defined in UN Regulation No. 129."

Paragraph 2.29., amend to read:

"2.29. "A child restraint fixture" means a fixture according to one of the ISOFIX size envelopes defined in paragraph 4. of Annex 17 – Appendix 2 of UN Regulation No. 16 and particularly whose dimensions are given from Figure 1 to Figure 78 in the previous mentioned paragraph 4. Those child restraint fixtures (CRF) are used in UN Regulation No. 16, to check which ISOFIX child restraint systems size envelopes can be accommodated on the vehicle ISOFIX positions. Also one of the CRF, so-called either ISO/F2 or ISO/F2X which is described in UN Regulation No. 16 (Annex 17, Appendix 2), is used in this Regulation to check the location and the possibility of access to any ISOFIX anchorages system."

Paragraph 5.2.2.3., amend to read:

"5.2.2.3. An ISOFIX anchorage system, ISOFIX top tether anchorage and vehicle floor contact surface of i-Size seating positions shall be designed for i-Size child restraint system of integral class as defined in UN Regulation No. 129."

Paragraph 5.2.3.3., amend to read:

"5.2.3.3. For any ISOFIX anchorages system installed in the vehicle, it shall be possible to attach either the ISOFIX child restraint fixture "ISO/F2" or "ISO/F2X" as defined by the vehicle manufacturer, described in UN Regulation No. 16 (Annex 17, Appendix 2).

i-Size positions shall accommodate ISOFIX child restraint fixtures "ISO/F2X", and "ISO/R2" together with the support leg installation assessment volume, as defined in UN Regulation No. 16 (Annex 17, Appendix 2). In addition, i-Size positions shall accommodate the child restraint fixture of class ISO/B2, as defined in UN Regulation No. 16 (Annex 17, Appendix 5)."

Paragraph 5.2.3.4., amend to read:

"5.2.3.4. ...

For i-Size positions,... It shall be possible to install the ISOFIX child restraint fixture under the increased pitch angle. This paragraph does not apply to child restraint fixtures of size ISO/B2."

Paragraph 5.2.4.2., amend to read:

"5.2.4.2. The ISOFIX top tether anchorage zone may be alternatively located with the aid of the Fixture "ISO/F2", as defined in UN Regulation No. 16 (Annex 17, Appendix 2, Figure 2), in an ISOFIX position equipped with ISOFIX low anchorages as shown in Figure 11 of Annex 9.

...

In the side view, the ISOFIX top tether anchorage shall lie behind the "ISO/F2" fixture rear face.

The intersection between the "ISO/F2" fixture rear face and the horizontal line (Annex 9, Figure 11, reference 3) containing the last rigid point of a hardness greater than 50 Shore A at the top of the seat back defines the reference point 4 (Annex 9, Figure 11) on the centreline of the "ISO/F2" fixture. At this reference point, a maximum angle of 45° above the horizontal line defines the upper limit of the top tether anchorage zone.

...

The origin of the ISOFIX top tether strap (5) is located at the intersection of the "ISO/F2" fixture with a plane 550 mm distant above the "ISO/F2" fixture horizontal face (1) on the "ISO/F2" fixture centreline (6).

Further, the ISOFIX top tether anchorage shall be more than 200 mm but not more than 2000 mm from the origin of the ISOFIX top tether strap on the rear face of the "ISO/F2" fixture, measured along the strap when it is drawn over the seat back to the ISOFIX top tether anchorage."
