

6 August 2013

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*

(Revision 2, including the amendments which entered into force on 16 October 1995)

Addendum 43 – Regulation No. 44

Revision 2 - Amendment 2

Supplement 6 to the 04 series of amendments – Date of entry into force: 15 July 2013

Uniform provisions concerning the approval of restraining devices for child occupants of power-driven vehicles ("Child Restraint Systems")



UNITED NATIONS

* Former title 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.

Insert a new paragraph 7.2.7., to read:

- "7.2.7. ISOFIX attachments shall have a locking mechanism which complies with the requirements specified in (a) or (b) as follows:
- (a) Release of the locking mechanism of the complete seat, shall require 2 consecutive actions, the first of which should be maintained while the second is carried out; or
 - (b) The ISOFIX attachment opening force shall be at least 50 N when tested as prescribed in paragraph 8.2.9. below."

Insert new paragraphs 8.2.9. to 8.2.9.5., to read:

- "8.2.9. The complete seat, or the component fitted with ISOFIX attachments (e.g. ISOFIX base) if it has a release button, is attached rigidly to a test rig in such a way that ISOFIX connectors are vertically aligned as shown in Figure 7. A 6 mm diameter bar, 350 mm long, shall be attached to the ISOFIX connectors. A mass of 5 kg shall be attached to the extremities of the bar.
- 8.2.9.1. An opening force shall be applied to the release button or handle along a fixed axis running parallel to the initial direction of motion of the button/handle; the geometric centre applies to that part of the surface of the ISOFIX attachment to which the release pressure is to be applied.
- 8.2.9.2. The ISOFIX attachment opening force shall be applied, using a dynamometer or similar device in, the normal manner and direction as indicated in the Manufacturers user manual. The contact end shall be a polished metal hemisphere with radius 2.5 ± 0.1 mm for a release button or a polished metal hook with a radius of 25 mm.
- 8.2.9.3. If the design of the child restraint prevents the application of the procedure described in paragraphs 8.2.9.1. and 8.2.9.2., an alternative method may be applied with the agreement of the Technical Service carrying out the test.
- 8.2.9.4. The ISOFIX attachment opening force to be measured shall be that needed to disengage the first connector.
- 8.2.9.5. The test shall be carried out on a new seat, and repeated on a seat that has been subjected to the cycling procedure specified in paragraph 7.2.6.

Figure 7

