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Item 4.9.3 of the provisional agenda

**1958 Agreement – Consideration of draft amendments
to existing Regulations submitted by GRSP****Proposal for Supplement 6 to the 04 series of amendments to
Regulation No. 44 (Child restraint systems)****Submitted by the Working Party on Passive Safety ***

The text reproduced below was adopted by the Working Party on Passive Safety (GRSP) at its fifty-first session to update provisions of UN Regulation No. 44. It is based on document ECE/TRANS/WP.29/GRSP/2012/5, as amended by Annex IV to the report (ECE/TRANS/WP.29/GRSP/51, para. 28). It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration.

* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106 and ECE/TRANS/2010/8, programme activity 02.4), 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.

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

