

Item 14 of the provisional agenda
Regulation No. 44 (Child restraint systems)

Proposal for Supplement 6 to the 04 series of amendments

Submitted by the expert from the Netherlands*

The text reproduced below was prepared by the expert from the Netherlands to prevent different interpretations of the phrase "positively guide of the lap strap" during the dynamic test. It is based on a document without a symbol (GRSP-50-33-Rev.1) distributed during the fiftieth session of the Working Party on Passive Safety (GRSP) (see ECE/TRANS/WP.29/GRSP/50, para. 29). The modifications to the text of the Regulation are marked in bold for new characters.

I. Proposal

Paragraph 6.2.2., amend to read:

"6.2.2. For groups I, II and III, all restraint devices utilizing a "lap strap" must positively guide the "lap strap" to ensure that the loads transmitted by the "lap strap" are transmitted through the pelvis.

During the dynamic test, the lap belt shall not wholly pass beyond or move over the pelvic structure of the dummy to prevent abdominal loading, during the period prior to maximum head excursions. Assessment shall be carried out using high speed camera."

II. Justification

GRSP is confronted with different interpretations of "positively guide of the lap strap" during the dynamic test. In real accidents, child restraints approved as such could lead to abdominal penetration. The existing text prevents this with the supplement of an extra sentence.

* 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.