

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION NO.44
(Child restraints)

Transmitted by the Technical Services Group on Reg. 44

A. PROPOSAL

Paragraph 6.1.6., amend to read:

... paragraph 1.20 ... instead of ... paragraph 1.42 ...

Paragraph 7.2.1.2., delete the last sentence after ... prescribed area. Insert after ... unlocking:

... and when projected into a plane perpendicular to the button's initial direction of motion.

Paragraph 8.2.1.1.2., delete the amendment in Supplement 3 and insert the prescription before.

Annex 6, appendix 3, figures 1 and 2, amend the text to read:

Distance C – Re = 530 mm
Re is the centreline of the retractor spool
Angle “ang” = 30° Maximum

Annex 13, paragraph 2, change the letter for “central part” from C to N, amend the spool diameter tolerance to ± 0.5 mm.

Annex 13, paragraph 3, last sentences, amend to read:

... Belt retractor R shall be fitted to trolley anchorage such that the spool centreline is positioned on Re.

The value of X in Figure 1 below is 200 ± 5 mm. The strap length between A1 and the centreline of the retractor spool Re for testing of universal and semi-universal categories shall be 2820 ± 5 mm when measured in a straight line without load and on a horizontal surface; this length may be increased for testing of restricted category; for all categories with the child restraint installed there shall be a minimum of 150 mm of strap length on the retractor spool.

Annex 13, figure 1, amend as follows: add spool centreline and identify it by arrows as Re;

re-identify by revised arrows retractor R and pillar loop P and identify central part as N. Identify pillar loop hole centre point as C. Revise length identifying arrows by addition of extended dotted line on strap bearing surface of pillar loop P. Add length identifying lines from N line to new P line and from new P line to Re by arrow headed dimension lines.

B. JUSTIFICATION

Paragraph 6.1.6.: the respective prescription has had this editorial change: no technical change.

Paragraph 7.2.1.2.: Necessary clarification of the amendment in Supplement 3 because of different interpretation possibilities.

Paragraph 8.2.1.1.2.: The amendment in Supplement 3 afforded unrealistic buckle constructions; the old version was better.

Annexes 6 and 13: The 03-series of amendments neglected to prescribe a distance between the retractor spool centre line and the retractor anchorage hole. This resulted in different strap lengths. By referring to the spool centre line the strap lengths are always the same ones without prescribing the retractor.