



Informal document N° 4
(33rd GRSP, 2-6 June 2003
agenda item B.1.3)

AMENDMENTS TO UN/ECE R17 – STRENGTH OF SEATS

OICA COMMENTS TO THE PROPOSAL BY THE CZECH REPUBLIC: TRANS/WP29/GRSP/2003/3

OICA welcomes the proposal by the Czech Republic to better define the figure of annex 5 to the Regulation.

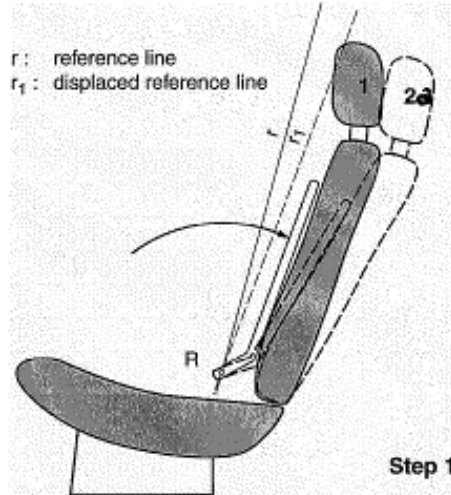
However, OICA, after careful consideration, believes that the Czech proposal needs correction in order to reflect the text of the Regulation and test practice.

Indeed, paragraph 6.4.3 of R17 in effect foresees four positions:

- Position 1: Original unloaded position.
- Position 2a: Displaced position by applying to the manikin's back a moment of 373 Nm around the R point; the displaced reference line r_1 is determined in this position 2a (paragraph 6.4.3.2).
- Position 2b: Displaced position by applying to the 165 mm sphere a force F producing a moment of 373 Nm about the R point, keeping the displaced reference line r_1 in place (paragraph 6.4.3.3). The tangent Y and the displacement X (limited to 102 mm – see paragraph 5.11) are determined in this position 2b (paragraphs 6.4.3.4 and 6.4.3.5).
- Position 3: Final position after the force F has been increased to 890 N in accordance with paragraph 6.4.3.6. As indicated in paragraph 5.12, the head restraint and its anchorage must withstand this force without breakage.

Consequently, OICA proposes to revise TRANS/WP29/GRSP/2003/3 as follows:

“Annex 5, the figure, amend to read:



1. Original unloaded position
- 2a. Displaced position by a moment of 373 Nm of manikins's back in relation to R point
- 2b. Position after displacement by an initial force F producing a moment of 373 Nm about R point
3. Position after displacement by the force F increased to 890 Nm

