

Proposal for amendments to Draft new Regulation on uniform provisions concerning the approval of enhanced Child Restraint Systems used onboard of motor vehicles

The text reproduced below was prepared by the expert from the United Kingdom. It is based on Informal Document No. GRSP-49-39 and the discussions of the informal group during its 26th session. The modifications to the proposed text contained in that document are marked in underline or strikethrough characters.

I. Proposal

Paragraph 6.6.4.4.2., amend to read :

“6.6.4.4.2. When child restraint systems of the Specific vehicle ISOFIX category ~~when~~ are tested in a complete vehicle or a vehicle body shell, the head shall not come into contact with any part of the vehicle. However, if there is contact, the head performance impact criterion (HPC) HIC and the Head Acceleration 3ms shall be used as assessment criteria. Where there is no head contact, these criteria shall be satisfied without measurement, and recorded only as “No Head Contact”. After a ~~in~~ tests using a ~~with~~ complete vehicle, it shall be possible to remove the fully assembled dummy manikins from the child restraint system without the use of mechanical leverage, or the use of tools on the child restraint system or vehicle structure. ~~the use of tools after the test.~~””

II. Justification

The proposed text modifies the English language.

It also amends the reference to ‘HIC’ to read ‘HPC’ and the reference to ‘manikins’ to read ‘dummy’, as has been previously agreed.

This section contains two sentences that are apparently contradictory – the first prohibits head contact of any description, the second permits head contact under certain conditions. The group agreed during its 26th session that this text could be improved by initially mandating the head assessment criteria, which would be deemed to be met if there was no head contact.

Finally, the section refers to the removal of the dummy without tools. Whilst acknowledging that this term is used in other regulations, it is ambiguous. The proposed text aims to clarify the intention of this paragraph.
