**Proposal for the 03 series of amendments as Phase 3 of**

**Regulation No. 129 (Enhanced Child Restraint Systems)**

**Prepared by CLEPA experts as input to Informal Group proposal to GRSP.**

1. **Proposal**

*Paragraph 6.6.4.4.1.1., amend to read:*

6.6.4.4.1.1. Forward facing Enhanced Child Restraint Systems

Head excursion: No part of the head of the dummy shall pass beyond the planes BA, DA and DE as defined in Figure 1 below**.** This shall be judged up to 300 ms or the moment that the dummy has come to a definitive standstill whatever occurs first. Except for booster seats when testing using Q10 dummy where:

1. ~~The value in relation tot he DA plane is 840 mm; and~~
2. The value in relation tot he BA plane is 550 mm; and
3. The rebound phase is not considered fort he assessment of plane DA and DE
4. Figure 1
Arrangement for testing a forward-facing device



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1. **Justification**

A vertical displacement of 840 mm. should be accepted for all dummies, since it’s already accepted for the Q10 dummy.

1. **Proposal**

*Paragraph 6.6.4.4.1.2.1, amend to read:*

6.6.4.4.1.2.1. Head excursion: no part of the head of the dummy shall pass beyond the planes FD, FG and DE, as shown in figure 2 below. This shall be judged up to 300 ms or the moment that the dummy has come to a definitive standstill whatever occurs first.

Figure 2
Arrangement for testing a rearward-facing device, not supported by the dashboard



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1. **Justification**

A vertical displacement of 840 mm. should be accepted for all dummies, since it’s already accepted for the Q10 dummy.