

Proposal for amendments to ECE/TRANS/WP.29/GRVA/2024/32

(Proposal for a supplement to UN Regulation No. [171] on uniform provisions concerning the approval of vehicles with regard to Driver Control Assistance Systems (DCAS))

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I. Proposal

Paragraph Annex 4, para. 4.2.5.2.4., amend to read:

“*Annex 4, para. 4.2.5.2.4.* (Reserved) ~~Following~~ **Decelerating** of a lead vehicle. ”

Annex 4, para. 4.2.5.2.15.2.1. f) amend to read:

The test shall be executed at least:

- (a) With a target vehicle of a different type or category;
- (b) With different road markings, including a road without central lane markings;
- (c) With different road geometries (e.g. curved section of the road);
- (d) With different overlap values between the VUT and the static target;
- (e) With different speeds of the VUT and the moving target;
- (f) **With** ~~Ø~~ different synchronization times (e.g., early and later) between the VUT and the moving target.]

II. Justification

1. The amendment of *Annex 4, para. 4.2.5.2.4.* is more consistent with the description of paras. 4.2.5.2.4.1.1. and 4.2.5.2.4.1.2.

- (a) This scenario is the leading vehicle decelerates. The modified scenario name is more suitable.
- (b) The original scenario name “Following a lead vehicle” is ambiguous with other scenes such as “4.2.5.2.5. Cut-out of lead vehicle” and “4.2.5.2.3. Slower moving vehicle ahead on a straight section of road”.
- (c) The modified scenario name is the same as previously mentioned “5.3.7.2.5.1.(c) **A decelerating lead vehicle** as outlined in Annex 4, paragraph 4.2.5.2.4”.

2. The amendment of *Annex 4, para. 4.2.5.2.15.2.1. f)* is to be consistent with (a)~(e) which is begin with “**With**”. And “;” is added after the end of (a)~(e).