

Proposal to amend document ECE/TRANS/WP.29/GRSP/2020/4

Proposal for the 04 series of amendments to UN Regulation No. 94 (protection of the occupants in the event of a frontal collision)

Submitted by the expert from the International Organization of Motor Vehicle Manufacturers

The text reproduced below was prepared by the expert from the International Organization of Motor Vehicle Manufacturers (OICA). The proposal aims to modify ECE/TRANS/WP.29/GRSP/2020/4 in order to clarify the transitional provisions.

I. Proposal

Paragraphs 12.2. and 12.3., amend to read:

"12.2. As from 1 September [2023], Contracting Parties applying this Regulation shall not be obliged to accept type-approvals of vehicles ~~with an electric power train operating on high voltage~~ according to the **preceding⁰³** series of amendments, first issued after 1 September [2023].

12.3. Contracting Parties applying this Regulation shall continue to accept type-approvals of vehicles ~~not having an electric power train operating on high voltage~~ according to the **preceding⁰³** series of amendments ~~to the Regulation, first issued before 1 September [2023], provided the transitional provisions in these respective previous series of amendments foresee this possibility.~~

II. Justification

1. Paragraph 12.2.: Since the technical requirements modified by this 04 series of amendments do not affect the specification of non-electrified vehicles, it is a simple administrative process to obtain approval of new models of non-EV vehicles to these latest (04) series. Therefore, there is no need to differentiate the transitional provisions for electrified vehicles and non-electrified vehicles and the standardized provisions given in the general guideline (ECE/TRANS/WP.29/1044/Rev.2) can be used.
2. Paragraph 12.3.: The objective of this series of amendments is to align the details of the technical requirements with GTR 20, with limited safety improvements; therefore the approvals granted before Date (b) – 1 September [2023] should remain acceptable.

The proposed paragraph 12.3. is, in principle, in accordance with the standardized provision V.8 of the general guideline. However, it is not always clear whether “the preceding series” is singular or plural in its English text. With the understanding that it should mean “any of the preceding series”, the additional phrase “provided the transitional provisions ...” is

supplemented in order to clarify that the possibilities, if any, given in such earlier series of amendments are still applicable.

In the case of UN R94, the following possibilities are foreseen:

- R94.02: affects only EV. Approvals to R94.01 for non-EV remain acceptable because they are not affected. EV however must meet R94.02 (TA/NR: June 2013/June 2015).
- R94.03: introduced 42 mm chest compression for new models only (both EV and non-EV). Approvals to R94.02 (or R94.01 for non-EV) remain acceptable if granted before 2018.