

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 Japan

The text reproduced below was prepared by the expert from Japan. The proposal aims to modify ECE/TRANS/WP.29/GRSP/2020/4 in order to resolve the pending issue of the definition of REESS.

I. Proposal

Paragraph 2.16., amend to read:

"2.16. "Rechargeable Electrical Energy Storage System (REESS)" means the rechargeable energy storage system ~~that~~ ~~which~~ provides electric energy for ~~electric~~ ~~electrical~~ propulsion.

A battery whose primary use is to supply power for starting the engine and/or lighting and/or other vehicle auxiliaries' systems is not considered as a REESS. [Primary use in this context means that more than 50% of the energy from the battery is used for starting the engine and/or lighting and/or other vehicle auxiliaries' systems over an appropriate driving cycle, e.g. WLTC for M1 and N1.]

The REESS **may** include the necessary systems for physical support, thermal management, electronic controls and casing."

II. Justification

1. The definition of REESS should have the same languages throughout UN Regulations as that defined in UNR100.