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Item 17(b) of the provisional agenda

Collective Amendments—Regulations Nos. 12, 94, 95 and 100

Proposal for supplements to Regulations Nos. 12, 94, 95 and 100

Submitted by the expert from Japan*

The text reproduced below was prepared by the expert from Japan provide further requirements for electric vehicles and to clarify the definition of "exposed conductive parts". It is based on a document without a symbol (GRSP-48-08) distributed during the forty-eighth session of the Working Party on Passive Safety (GRSP). The modifications to the current text of the Regulations are marked in bold for new characters.

* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208/, para. 106 and ECE/TRANS/2010/8, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

I. Proposal

A. Proposal for Supplement 1 to the 04 series of amendments to Regulation No. 12 (Steering mechanism)

Paragraph 2.24., amend to read:

"2.24. "Exposed conductive part" means the conductive part which can be touched under the provisions of the protection IPXXB **after removing barriers/enclosures which can be removed without using tools**, and which becomes electrically energized under isolation failure conditions."

B. Proposal for Supplement 1 to the 02 series of amendments to Regulation No. 94 (Frontal collision protection)

Paragraph 2.20., amend to read:

"2.20. "Exposed conductive part" means the conductive part which can be touched under the provisions of the protection IPXXB **after removing barriers/enclosures which can be removed without using tools**, and which becomes electrically energized under isolation failure conditions."

C. Proposal for Supplement 01 to the 03 series of amendments to Regulation No. 95 (Lateral collision protection)

Paragraph 2.20., amend to read:

"2.20. "Exposed conductive part" means the conductive part which can be touched under the provisions of the protection IPXXB **after removing barriers/enclosures which can be removed without using tools**, and which becomes electrically energized under isolation failure conditions."

D. Proposal for Supplement 1 to the 01 series of amendments to Regulation No. 100 (Battery electric vehicles safety)

Paragraph 2.12., amend to read:

"2.12. "Exposed conductive part" means the conductive part which can be touched under the provisions of the protection degree IPXXB **after removing barriers/enclosures which can be removed without using tools**, and which becomes electrically energized under isolation failure conditions."

II. Justification

1. In Japanese regulation (Attachment 110), "Exposed conductive part" is defined that the conductive part which can be touched under the provisions of the protection IPXXB after removing barriers/enclosures which can be removed without using tools.
 2. The same proposal was adopted at the October 2011 session in Tokyo of ISO/TC22/SC21/WG1 through a proposal tabled by the expert from Japan to amend draft ISO 6469-3 standard.
 3. This proposal aims at clarifying the definition of "Exposed conductive part" in Regulations Nos. 12, 94, 95 and 100.
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