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Economic Commission for Europe**Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****Working Party on General Safety Provisions****116th session**

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Item 3 of the provisional agenda

UN Regulation No. 26 (External projection for passenger cars)**Proposal for Supplement 4 to the 03 series of amendments to
UN Regulation No. 26 (External projection for passenger
cars)****Submitted by the expert from France***

The text reproduced below was prepared by the expert from France to clarify requirements in UN Regulation No. 26 on windscreen wipers. It is based on documents ECE/TRANS/WP.29/GRSG/2018/17, GRSG-115-08 and GRSG-115-32 that were presented at the 115th session of the Working Party on General Safety Provisions (GRSG) (see report ECE/TRANS/WP.29/GRSG/94, para. 12). The modifications to the current text of UN Regulation No. 26 are marked in bold characters for new and strikethrough for deleted characters.

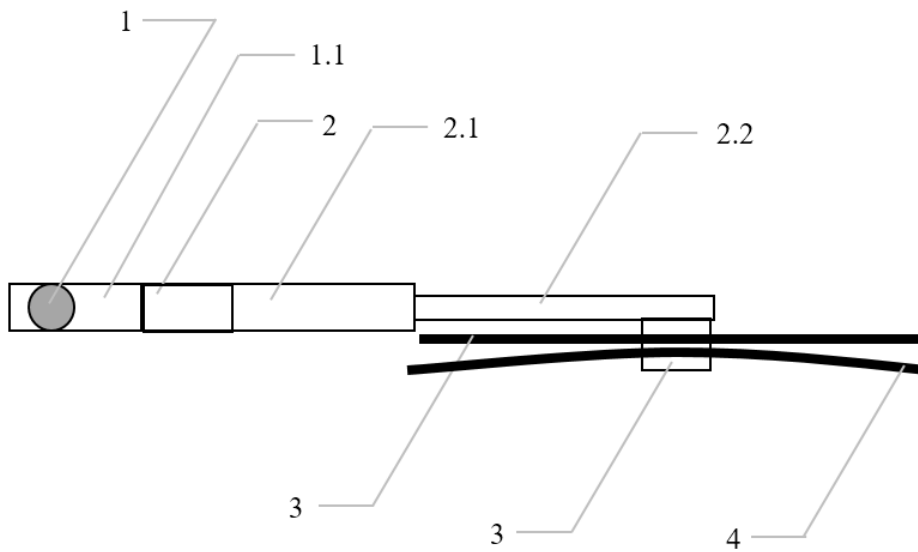
* In accordance with the programme of work of the Inland Transport Committee for 2018–2019 (ECE/TRANS/274, para. 123 and ECE/TRANS/2018/21/Add.1, Cluster 3.1), the World Forum will develop, harmonize and update UN regulations to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

I. Proposal

Paragraphs 6.4. to 6.4.2., amend to read:

- "6.4. Windscreen wipers
- 6.4.1. The windscreen wiper fittings shall be such that the wiper shaft (**number 1 in Figure 0**) is furnished with a protective casing (**number 1.1 in Figure 0**) which has a radius of curvature meeting the requirements of paragraph 5.4. above and an end surface area of not less than 150 mm². **The holder (head, main and/or other parts, i.e. numbers 2, 2.1 and 2.2 in Figure 0) are designed with a radius of curvature meeting the requirements of paragraph 5.4. above.** In the case of rounded covers, these shall have a minimum projected area of 150 mm² when measured not more than 6.5 mm from the point projecting furthest. These requirements shall also be met by rear window wipers and headlamp wipers.
- 6.4.2. Paragraph 5.4. shall not apply to the wiper blades (**number 4 in Figure 0**), ~~or~~ ~~to any~~ **to supporting members (number 3 in Figure 0) or to the functional hinge between the holder head and the holder.** However, these units shall be so made as to have no sharp angles or pointed or cutting parts.

Figure 0
Example of parts distribution



- 1 – Wiper shaft
- 1.1 – Protective casing
- 2 – Holder head
- 2.1 – Main holder
- 2.2 – Second holder
- 3 – Supporting members
- 4 – Wiper blades "

II. Justification

In order to avoid any misunderstanding of which requirements apply to which part of the windscreen wiper, a simple generic drawing presenting the concerned areas seems to be the best way for a coherent application. Geometrical requirements are only applicable on contactable parts (sphere protocol).
