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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**

Geneva, 1–5 April 2019

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.

GE.19-00447(E)



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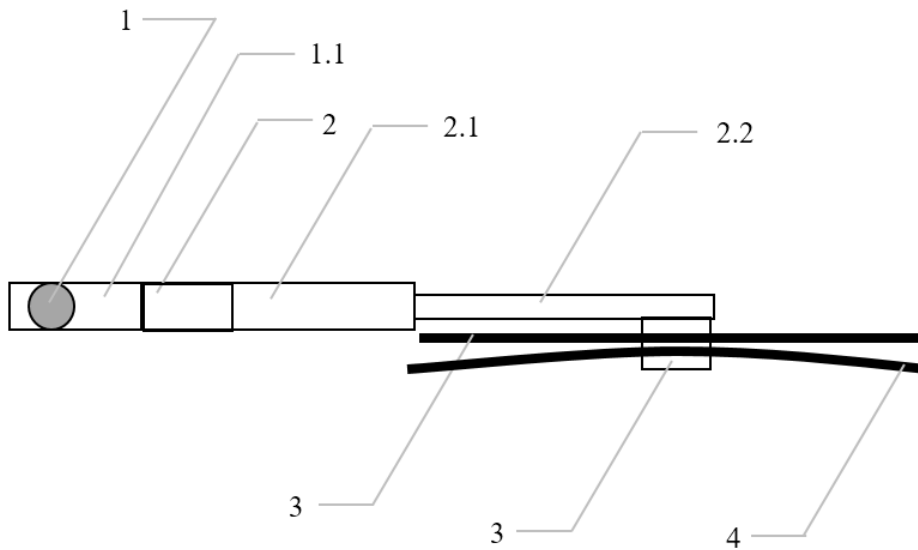


I. Proposal

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).
