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Regulation No. 59 (Replacement silencing systems)

Proposal for the 02 series of amendments to Regulation No. 59

Submitted by the Informal Working Group on UN Regulations Nos. 51 and 59*

The text reproduced below was prepared by the GRB Informal Working Group (IWG) on UN Regulations Nos. 51 and 59. It amends document ECE/TRANS/WP.29/GRB/2014/6 with additional proposals to update and revise UN Regulation No. 59. The modifications to the current text are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2012–2016 (ECE/TRANS/224, para. 94 and ECE/TRANS/2012/12, 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

Paragraph 2.1., amend to read:

"2.1. "Silencing systems" means a complete set of components necessary for limiting the **sound noise** produced by ~~the~~ **an** engine of a motor vehicle, its intake and its exhaust. ~~[The exhaust manifold(s), the catalyst(s) and emission after treatment device(s) are not considered part of the sound reduction systems; these parts belong to the engine.]"~~

Annex 6, paragraphs 1. - 3. , amend to read:

"1. **Each exhaust replacement silencing system shall be accompanied by a ~~paper~~ document issued by the manufacturer of the exhaust replacement silencing system or their representative. That ~~paper~~ document shall at least bear the following information:**

...

(g) **data of the vehicles for which the exhaust replacement silencing system is intended:**

...

~~(viii) sound level for the vehicle in motion in dB(A) and stationary sound level in dB(A) at min 1 (if deviating to the values of the vehicle type approval).~~

...

2. **If the ~~paper~~ document referred to in paragraph 1. consists of more than of one sheet ~~of paper~~, all sheets shall bear at least a reference to the type-approval number.**

3. **The information concerning paragraphs 1 (g) and 1 (h) may be provided on the website of the manufacturer ~~if the website address is indicated on the paper document~~. In this case, the document accompanying the exhaust replacement silencing system shall indicate the website where the required information may be found and printed.**

II. Justification

1. Paragraph 2.1. is amended to align it with the European Union Regulation 540/2014/EC, article 3, paragraph 18. The former text (in square brackets) has been deleted to avoid a contradiction with UN Regulation No. 103.

2. The type approval measurements are done back to back to ensure that the results achieved are as good as or better than the ones achieved during the type approval of the original silencing system. The replacement part manufacture is not liable for the overall sound level.

3. This supersedes an obsolete procedure.
