

**Proposal for amendments to GRE/2017/25
Proposal for amendments to Regulation No. 53
(Installation of lighting and light-signalling devices for L₃ vehicles)**

**Submitted by the expert from the International Motorcycle
Manufacturers Association***

The text reproduced below was prepared by the experts from International Motorcycle Manufacturers Association (IMMA), to improve GRE/2017/25, which is the IMMA proposal aiming to allow the use of different stop lamp activation methods and to align the stop lamp provision with those applicable for four-wheelers. The changes to GRE/2017/25 are highlighted in yellow.

I. Proposal

Paragraph 2.5.9., amend to read:

"2.5.9. *"Stop lamp"* means the lamp used to indicate to other road-users to the rear of the vehicle that ~~its driver is applying the service brake~~ **the longitudinal movement of the vehicle is intentionally retarded.**; **The stop lamps may be activated by the application of a retarder or a similar device;**"

Paragraph 6.4.6., amend to read:

"6.4.6. Electrical connections

6.4.6.1. All ~~the~~ stop lamps shall light up simultaneously ~~at any service brake application~~ **Shall light up at any service brake application, when the braking system provides the braking signal defined in Regulation No. 78.**

6.4.6.2. **The stop lamps need not to function if the device, which starts and/or stops the engine, is in a position that makes it impossible for the engine to operate."**

II. Justification

1. This proposal is a revised version of document ECE/TRANS/GRE/2015/42 which takes into account the comments raised by the stakeholders at the October 2015 session of GRE.

* In accordance with the programme of work of the Inland Transport Committee for 2016–2017 (ECE/TRANS/254, para. 159 and ECE/TRANS/2016/28/Add.1, cluster 3.1), 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.

2. This amendment proposes to update the definition of “stop lamp” so that it would allow the use of different stop lamp activation methods for powered two-wheelers as currently applicable for four-wheelers; e.g. by the application of a retarder or a similar device.

2b. This informal document proposes to align the Stop Lamp definition in para. 2.5.9 with the definition in R48-06.

3. The proposed new definition is aligned with the definitions in Regulations Nos. 7 and 48. In particular, paragraph 6.4.6.1. is based on paragraph 6.7.7.1. of Regulation No. 48 and paragraph 6.4.6.2. is similar to paragraph 6.7.7.2. of Regulation No. 48.

4. A corresponding proposal for amendments to Regulation No. 78 was submitted to the September 2017 session of the Working Party on Braking and Running Gear (GRRF) (ECE/TRANS/GRRF/2017/14).
