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Inland Transport Committee

World Forum for Harmonization of Vehicle Regulations

191st session

Geneva, 14-16 November 2023

Item 4.10.1 of the provisional agenda

1958 Agreement:

Consideration of draft amendments to existing

UN Regulations submitted by GRVA

Proposal for a Supplement 12 to the 01 series of amendments to UN Regulation No. 90 (Replacement braking parts)

Submitted by the Working Party on Automated/Autonomous and Connected Vehicles*

The text reproduced below was adopted by the Working Party on Automated/Autonomous and Connected Vehicles (GRVA) at its sixteenth session (see ECE/TRANS/WP.29/GRVA/16, para. 121) and is based on ECE/TRANS/WP.29/GRVA/2023/11. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration at their November 2023 sessions.

* In accordance with the programme of work of the Inland Transport Committee for 2023 as outlined in proposed programme budget for 2023 (A/77/6 (Sect.20), para 20.6), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



Paragraph 6.1., amend to read:

- “6.1. Replacement brake lining assemblies or replacement drum brake linings conforming to a type approved in accordance with this Regulation shall be marketed in axle sets. In case of vehicles of Category L, they may be marketed in calliper sets and/or drum sets.”

Paragraph 6.2., amend to read:

- “6.2. Each axle, calliper and drum set shall be contained in a sealed package constructed to show previous opening.”

Paragraph 6.3.4., amend to read:

- “6.3.4. The vehicles/axles/brakes for which the contents are approved. If necessary it is allowed to supplement this information by means of a Quick Response (QR) code or weblink or another type of digital carrier that shall be placed, printed or engraved visibly, clearly legibly and indelibly on the packaging.”

Insert a new paragraph 6.3.4.1., to read:

- “6.3.4.1. In case a digital carrier is used, near the QR code or weblink or other digital carrier it shall be printed the words “Full list of approved applications”. The digital application listing shall be edited in a printable format and available for the lifetime of the product, at least five years counted from the time when production is definitely discontinued. The consumer shall not be required to submit any personal data before being able to access the digital application listing.”

Insert new paragraphs 6.6., 6.6.1, 6.6.2. and 6.6.3., to read:

- “6.6. The fitting instructions required under paragraphs 6.4. to 6.4.4. may be provided by means of a QR code or a weblink or another type of digital data carrier that shall be placed, printed or engraved visibly, clearly legibly and indelibly on the packaging or included in the packaging.
- 6.6.1. Near the QR code or weblink or other digital data carrier it shall be printed or engraved visibly, clearly legibly and indelibly the words “Read instructions first” and the ISO 2575 N.03 symbol (Operator's manual, operation instructions):



- 6.6.2. The digital instructions shall be edited in a printable format and available for the life time of the product, at least five years counted from the time when production is definitely discontinued. A statement, added to the approval documentation, confirming that this information will be available for at least five years after the production has been discontinued, shall be provided by the manufacturer.
- 6.6.3. The consumer shall not be required to submit any personal data before being able to access the digital fitting instructions.”
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