

## **Proposal for a supplement to the 02 series of amendments to UN Regulation No. 90 (Replacement braking parts)**

The text reproduced below was prepared by the expert from Italy and from the European Association of Automotive Suppliers (CLEPA) to include in UN Regulation No. 90 the option of using a QR code (or another type of digital data carrier) to replace, in case of necessity, some packaging information. This proposal is based on the same principles of the amendments to UN R90 proposed by Italy and CLEPA in ECE/TRANS/WP.29/GRVA/2023/12. The modifications to the current text of the Regulation are marked in **bold** for new and ~~strike through~~ for deleted characters.

### **I. Proposal**

*Add a new paragraph 6.2.1.5., to read:*

**“6.2.1.5. If necessary it is allowed to supplement the information required under paragraphs 6.2.1.2. and 6.2.1.3. by means of a 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. 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 life time of the product, at least 5 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.”**

### **II. Justification**

#### **A. Paragraph 6.2.1.5.:**

1. Packaging of brake discs/drums has a limited dimension and in some case it's impossible to report in the packaging all information of applications approved, because there is no space available. In addition, should all application's information approved be reported in the packaging, the updating of each packaging every time there is a new application available in the market would be needed. This is not feasible and it represents a risk to have a product with no updated information for the final consumer. For these reasons, the proposal of amendment is aimed at allowing, as an option, to report the information required through digital format (e.g. QR code, website) leading at least to a general catalogue. Moreover, using digital elements, it's also possible to opt for a more sustainable solution and reduce environmental impacts.

2. The proposed solution is optional, and not exclusively for category L vehicles, but it is meant for every type of motor vehicles even if the major criticalities are with category L vehicles because their packaging is smaller than those for brake discs/drums of motor vehicles.

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