

## **PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION 13**

Provision for the Periodic Technical Inspection (PTI) of braking systems.  
(Proposed during the 9th informal meeting of the ad hoc working group PTI.)

### ***Text of the Regulation***

#### **A. PROPOSAL**

Amend paragraph 5.1.4.1. to read:

5.1.4.1. The vehicle shall be so designed that the friction components of the brakes of which the function and efficiency is influenced by wear, can easily be checked. In all cases this shall be achieved without disassembly or removal of the wheels but the use of inspection covers is permitted.

Add a new paragraph 5.1.4.1.1.

5.1.4.1.1. The above requirement is deemed to be fulfilled when the wear condition of the friction components is confirmed visually or by other means. The manufacturer shall, at the time of Type Approval, define the wear limit and the method by which assessment of the wear condition can be made. This information shall be made freely available (e.g. vehicle handbook, electronic data record).

Paragraph 5.2.1.11.2. should delete following sentence:

5.2.1.11.2. ~~..... "The removal of front and/or rear wheels is permitted for this purpose on category M<sub>1</sub> and N<sub>1</sub> vehicles only.".....~~

#### **B. Justification**

The present Regulation requires: "The braking system shall be so designed that the components of the braking system of which the function and efficiency is influenced by wear, can easily be checked." This very general requirement is now formulated more precisely. A high risk arises from worn, cracked or broken friction components of the braking system. Therefore it shall be possible to check the wear condition of the friction components visually or by other means.

The proposed deletion in paragraph 5.2.1.11.2. aligns with the proposed amendment in paragraph 5.1.4.1.

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