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Item 1.2.1. of the provisional agenda

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 107

(M₂ and M₃ vehicles)

Submitted by the expert from the International Organization of
Motor Vehicle Manufacturers (OICA)

Note: The text reproduced below was prepared by the expert from OICA in order to indicate on vehicle markings reliable information about the number of passengers and the permitted mass of baggage. This is an alternative proposal to that by Germany (TRANS/WP.29/GRSG/2005/7), considered at the ninetieth session (ECE/TRANS/WP.29/GRSG/69, para. 8). The modifications to the current text of the Regulation are marked in **bold** characters.

Note: This document is distributed to the Experts on General Safety Provisions only.

A. PROPOSAL

Text of the Regulation,

Paragraph 12., amend to read:

"12. **(Reserved)**"

Annex 3,

Paragraphs 7.2.3.3. and 7.2.3.3.1., amend to read:

"7.2.3.3. ~~Space shall be provided~~ **The vehicle shall be marked** in the driver's area, in a position clearly visible to the driver, in letters or pictograms not less than 10 mm high and numbers not less than 12 mm high, with:

7.2.3.3.1. the mass of baggage which may be carried when the vehicle is loaded with the maximum numbers of passengers and crew and the vehicle is not exceeding the technically permissible maximum mass, or the **technically permissible maximum mass of any axle or group of axles;** ~~This shall include the mass of baggage:"~~

Insert new paragraphs 7.2.3.3.2. and 7.2.3.3.3., to read

"**7.2.3.3.2. the mass of baggage which may be carried when the vehicle is loaded with the maximum number of passengers and crew and the vehicle is not exceeding the maximum laden mass, or the maximum mass of any axle or group of axles at which the vehicle can be put into service in the Contracting Party where it is to be registered.**

7.2.3.3.3. As appropriate, this shall include the mass of baggage:"

Paragraphs 7.2.3.3.1.1. and 7.2.3.3.1.2., renumber as paragraphs 7.2.3.3.3.1. and 7.2.3.3.3.2.

B. JUSTIFICATION

As there is no harmonized Regulation concerning the permissible axle loads and gross vehicle masses, different limits are established by national legislations of Contracting Parties. Such variations create major problems for vehicle operators and vehicles exceeding nationally permissible limits may be found on roads.

In order to reduce the risk of inadvertent overloading, OICA proposes to establish requirements that would assist the driver to estimate the amount of baggage that can be legally carried on a vehicle when it is loaded with the maximum number of passengers and is circulating in the territory of a particular country. Therefore, it is proposed that the allowed baggage mass, relevant to the vehicle's maximum technical masses and the permissible masses in the country where the vehicle is registered, should be clearly marked in the driver's compartment.

Technically permissible masses are verified during the type approval procedure according to Annex 11 of Regulation No. 107. The permissible masses according to national requirements are verified during the national type approval procedure. Therefore, the relevant information is available to the manufacturer at the time a vehicle is put into production.

Reference to paragraph 12.

It is proposed to delete paragraph 12. as it is contrary to the principle of total harmonization. Provided with adequate information, a vehicle operator is able to calculate the mass of baggage that the vehicle can carry taking into account the number and height (adults or small children) of the passengers being carried. This philosophy is identical to that for the transport of goods where the weight of the goods and not the volume of the load area is considered.

Reference to paragraph 7.2.3.3.

Paragraph 7.2.3.3. only requires the space to be provided so that, if required, the mass of the baggage relevant to the vehicle's maximum technical masses can be marked. It is proposed to amend paragraph 7.2.3.3. to require the marking of this baggage mass and also the mass relevant to legal masses in the country where the vehicle is registered.
