UNITED NATIONS **E**

Economic and Social Council

Distr.
GENERAL

ECE/TRANS/WP.29/GRSG/2007/25
26 July 2007

Original: ENGLISH

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

Working Party on General Safety Provisions

Ninety-third session
Geneva, 23-26 October 2007
Item 9 of the provisional agenda

Regulation No. 116

(Protection of motor vehicles against unauthorized use)

Proposal for draft amendments to Regulation No. 116

Submitted by the expert from France

The text reproduced below was prepared by the expert from France, in cooperation with the experts from the European Association of Automobile Suppliers (CLEPA) and from the International Organization of Motor Vehicle Manufacturers (OICA), in order to align Regulation No. 116 with the amendments agreed for Regulation No. 18. It is based on informal document No. GRSG-92-12, distributed during the ninety-second session of the Working Party on General Safety Provisions (GRSG) (ECE/TRANS/WP.29/GRSG/71, para. 27). The proposed modifications are marked in **bold** or ~~strikethrough~~ characters.

A. PROPOSAL

Paragraph 5.1.2., amend to read:

"5.1.2. "Device to prevent unauthorized use" means a system designed to prevent unauthorized normal activation of the engine or other source of main engine power of the vehicle in combination with at least one system which:

(a) locks the steering; **or**

(b) locks the transmission; or

(c) locks the gearshift control; **or**

(d) locks the wheels."

Paragraph 5.2.14., amend to read:

"5.2.14. Devices to prevent unauthorized use **by** preventing release of the **service** brakes of the vehicle shall ~~not~~ **only** be permitted **when the brakes are held in a locked position by a purely mechanical device. In this case the prescriptions of paragraph 5.2.13. do not apply**."

Paragraphs 5.3.2., amend to read:

"5.3.2. Devices to prevent unauthorized use **by** acting on the transmission **or the wheels**"

Insert a new paragraph 5.3.2.2., to read:

"**5.3.2.2. A device to prevent unauthorized use by acting on wheels shall prevent the rotation of at least two wheels.**"

Paragraph 5.3.2.2. (former), renumber as paragraph 5.3.2.3.

Paragraph 5.3.2.3. (former), renumber as paragraph 5.3.2.4. and amend to read:

"**5.3.2.4.** It shall not be possible for the transmission **or the wheels** to be blocked inadvertently when the key is in the lock of the device to prevent unauthorized use, even if the device preventing starting of the engine has come into action or been set to act. **This does not apply wherever the requirements of paragraph 5.3.2. of this Regulation are met by devices used for another purpose in addition and the lock under the conditions above is necessary for this additional function (e.g. electrical parking brake).**"

Paragraph 5.3.2.4. (former), renumber as paragraph 5.3.2.5. and amend to read:

"**5.3.2.5.** The device to prevent unauthorized use shall be so designed and constructed that it remains fully effective even after some degree of wear as a result of 2,500 locking cycles in each direction. **In the case of a protective device acting on the wheels, each mechanical or electrical sub-part of the device is concerned**."

Paragraph 5.3.2.5. (former), renumber as paragraph 5.3.2.6. and amend to read:

"**5.3.2.6.** If the device to prevent unauthorized use is such that the key can be removed in a position other than the position in which the transmission **or the wheels** ~~is~~ **are** locked, it shall be so designed that the maneuver required to reach that position and remove the key cannot be effected inadvertently."

Paragraph 5.3.2.6. (former), renumber as paragraph 5.3.2.7. and amend to read:

"**5.3.2.7.** ~~The device to prevent unauthorized use~~ **In the case when a protective device acting on the transmission is used, it** shall be strong enough to withstand, without damage …"

Insert new paragraphs 5.3.2.8. and 5.3.2.9., to read:

"**5.3.2.8.** **In the case of a vehicle equipped with a protective device acting on the wheels, the device must be capable of holding the laden vehicle stationary on a 20 per cent up or down-gradient.**

5.3.2.9. **In the case of a vehicle equipped with a protective device acting on the wheels, the vehicle's braking system shall be capable of providing secondary braking performance even if the protective device has been damaged.**"

Insert new paragraphs 5.3.4. and 5.3.4.1., to read:

"**5.3.4.** **Alternative devices**

5.3.4.1. **Alternative devices are permissible in accordance with the Approval Authority. Thereby at least an equivalent protection comparable to that required in paragraphs 5.3.1., 5.3.2. and 5.3.3. of this Regulation shall be achieved.**"

B. JUSTIFICATION

The justification for the amendments to the relevant paragraphs can be found in document ECE/TRANS/WP.29/GRSG/2007/21.

Paragraph 5.3.2.8.: This paragraph is aligned with the amended paragraph 6.2.8. of informal document No. GRSG-92-3. However, the text of the present proposal refers to Regulation No. 13-H (Annex 3, paragraph 2.3.1.) because the alignment of its scope with the scope of Regulation No. 116.

- - - - -