



**Economic and Social
Council**

Distr.
GENERAL

TRANS/WP.29/GRSG/2004/20
15 July 2004

ENGLISH
Original: ENGLISH
ENGLISH AND FRENCH ONLY

ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)

Working Party on General Safety Provisions (GRSG)

(Eighty-seventh session, 12-15 October 2004,
agenda item 7.)

PROPOSAL FOR DRAFT AMENDMENT TO REGULATION No. 97
(Vehicle alarm systems)

Transmitted by the experts from the European Association of Automobile Suppliers (CLEPA)

Note: The text reproduced below was prepared by the experts from CLEPA in order to establish alternative systems for immobilizers.

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

A. PROPOSAL

Paragraph 31.10., amend to read (footnote 7/ should be deleted):

"31.10. It shall not be possible for an immobilizer to prevent the release of the **service** brakes of the vehicle. ~~, except in the case of an immobilizer which prevents the release of pneumatically released spring brakes 7/ and functions in such a way that in normal operation, or in failure conditions, the technical requirements of Regulation No. 13 in force at the time of application for type approval under this Regulation are satisfied.~~

~~Compliance with this paragraph does not exempt an immobilizer which prevents the release of pneumatically released spring brakes from the technical requirements set out in this Regulation."~~

Insert a new paragraph 31.11., to read:

"31.11. It shall not be possible for an immobilizer to operate in such a manner as to apply the **service** brakes of the vehicle."

* * *

B. JUSTIFICATION

Electrical Systems show increased rates in the construction of a vehicle. Former purely mechanical systems will be assembled or replaced by electrical systems, e.g. the electrical steering systems which will be type approvable (TRANS/WP.29/2004/42). The electrical parking brake is becoming more and more common for new vehicles. This system is safe and reliable. The use of vehicle brakes has been prohibited until now by paragraphs 31.10. and 31.11. of Regulation No. 97. Prohibition was justified as vehicle brakes are normally actuated via compressible fluids and a brake once actuated could, after some time, be released due to leakage. With the introduction of electromechanical brakes and electric parking brakes, objections against the usage of vehicle brakes as a means of preventing unauthorized use of vehicles are no longer justified. Therefore, the paragraphs being opposed to that should be amended. The amendment limits the prohibition of brakes to only "service brakes". The exemption for spring brakes, therefore, is no longer needed and can be deleted since spring brakes are only used as parking brakes and in some cases for secondary braking. The aim of the proposal is to establish alternative systems regarding vehicle alarm systems.
