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

Working Party on Lighting and Light-Signalling (GRE)

(Fiftieth session, 7-11 April 2003,
agenda item 2.11.)

PROPOSAL FOR A DRAFT AMENDMENT TO REGULATION No. 53

Installation of lighting and light-signalling devices
on L3 category vehicles

Transmitted by the expert from Japan

Note: The text reproduced below was prepared by the expert from Japan, regarding the lighting of headlamps by automatic switching instructed upon engine start-up (Automatic Headlamp On), at the request of GRE at its forty-ninth session (TRANS/WP.29/GRE/49, paras. 69 and 70).

Note: This document is distributed to the Experts on Lighting and Light-Signalling only.

A. PROPOSAL

Insert a new paragraph 5.11.1., to read:

"5.11.1. The headlamp shall automatically turn on when the engine is started."

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B. JUSTIFICATION

1. In Japan, Canada and the US, turning on the headlamps while the engine is active is compulsory on PTWs. In the EU, the ACEM voluntarily began introducing market models fitted with the Automatic Headlamps On system (TRANS/WP.29/GRE/2002/30).
2. From the results of accident analyses in Japan, the Automatic Headlamps On system on PTWs was found to be highly effective in preventing accidents.
3. Japan is expecting to introduce ECE Regulation No. 53 and has been cooperating with the US and the EU in the harmonization of vehicle regulations. Regulatory obligation of Automatic Headlamps On will encourage harmonization of headlamp wiring between the US, EU and Japan.
