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Working Party on Brakes and Running Gear (GRRF)  
(Fifty-second session, 16-18 September 2002,  
agenda item 6.5.)

PROPOSAL FOR DRAFT AMENDMENT TO REGULATION No. 64

(Temporary use spare wheels/tyres)

Transmitted 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 allow the use of a conventional air compressor on off-road vehicles extending the maximum time required to reach the required pressure of the tyre for temporary use. It is based on the text of a document distributed without a symbol (informal document No. 11) during the fifty-first session (TRANS/WP.29/GRRF/51, para. 62).

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Note: This document is distributed to the Experts on Brakes and Running Gear only.

**A. PROPOSAL**

Paragraph 6.2., amend to read:

" ..... to be inflated to the pressure specified for temporary use within a maximum of **10** minutes."

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**B. JUSTIFICATION**

The proposed text allows the use of a conventional air compressor on "off-road vehicles". A spare tyre of category 3 or 4, which has to replace one of the big tyres normally mounted on such vehicle, requires an air compressor having higher efficiency. This is incompatible with the vehicle wiring and sockets (cigarette lighter).

To comply with the Regulation No. 64 requirements, the wires section must increase from 1.5 to 2.5 mm<sup>2</sup> and an additional special socket for the electrical energy must be installed. The air compressor requires 25A, while the cigarette lighter delivers 15A.

Additionally, 5 min. time to inflate this spare tyre leads to very high airflow. This heats up the tyre valve and makes it impossible to put on the valve cap. Experience shows that a rest time of at least 3 min. protects the user from burned fingers.

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