



Informal document N°11
(51st GRRF, 4-8 February 2002)

**PROPOSAL FOR A DRAFT AMENDMENT TO
ECE REGULATION N° 64**

Paragraph 6.2, amend to read:

*“If the vehicle is equipped with a category 3 or category 4 temporary-use spare unit, a device must be provided on the vehicle which permits the tyre to be inflated to the pressure specified for temporary use within a maximum of **10** minutes.”*

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 R64 requirements, the wires section must increase from 1.5 to 2.5 mm² 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. To our experience, a rest time of at least 3 min. protects the user from burned fingers.
