

Proposal for improvement of ECE/TRANS/WP.29/2007/20/Rev.1 (Regulation No. 48)

Note: The text reproduced below was prepared by the expert from the Netherlands as an attempt to improve the content of ECE/TRANS/WP.29/2007/20/Rev.1, also taking into account comments and suggestions made in Informal document No. GRE-58-2.

A. PROPOSAL

Paragraph 6.2.7., amend to read:

"6.2.7. Electrical connections

The control for responsible for type approval."

~~Dipped-beam headlamps may be switched ON or Off automatically. However, it shall be always possible to switch these dipped-beam headlamps ON and OFF manually.~~"

Insert a new paragraph 6.2.7.1., to read:

"6.2.7.1. Dipped-beam headlamps shall be switched ON or OFF automatically */. They shall be switched ON when it is required to drive with the dipped-beam headlamps switched on due to low ambient lighting conditions (e.g. during nighttime driving conditions, reduced visibility, tunnels, etc.).

However, it shall be always possible to manually override the automatic switching of the dipped-beam headlamps. After each **manual** re-start of the engine, **provided it has been inoperative for more than 30 minutes**, the automatic switching between the daytime running lamps and the dipped-beam headlamps shall be re-activated. ~~As an alternative to the manual activation and on request of the manufacturer, the sensitivity of the sensor shall be adjustable providing at least two changes to the preset value, one at brighter ambient conditions and one at a lower ambient light level.~~"

Insert a new footnote: */ **This provision shall apply as from 42 months for vehicles of categories M1 and N1 and 60 months for vehicles of other categories after the official date of entry into force of the 04 series of amendments. Until this date automatic switching of the dipped-beam headlamps remains optional.**

Paragraph 12.13., delete last part: "...with the exception of the requirements of paragraph 6.2.7.1."

Paragraph 12.14., delete whole paragraph

B. JUSTIFICATION

In view of the planned introduction of provisions for mandatory fitment of daytime running lamps into the Regulation, there has been a lot of discussion on the issue of also mandating the automatic switching between the dipped-beam headlamps and the daytime running lamps.

At WP.29 the representative of the European Community tabled a proposal by which the automatic switching would finally be mandated as well (document: ECE/TRANS/WP.29/2007/20). That proposal has now been revised (document: ECE/TRANS/WP.29/2007/20/Rev.1) and also contains different transitional provisions for the automatic switching of the dipped-beam headlamps.

An attempt is herewith made to further improve the content of ECE/TRANS/WP.29/2007/20/Rev.1. This proposal too will effectively give Industry an additional year before automatic switching will become mandatory. However, it is suggested to do this through a separate footnote. And it also clarifies that during this additional year automatic switching remains optional.

Moreover, the suggestions concerning the clarification that a manual re-start is meant and the addition of the provision that for re-activation of the automatic switching the engine must have been inoperative for a certain amount of time, are also incorporated in this proposal. Thus taking into account the comments and suggestions made in Informal document No. GRE-58-2.

Hopefully this proposal will prove to successfully address the remaining issue concerning the automatic switching between the dipped-beam headlamps and the daytime running lamps.
