

Amendment to: ECE/TRANS/WP.29/GRE/2018/44

“Proposal for a new 07 series of amendments to UN Regulation No. 48”

The document proposes amendments to ECE/TRANS/WP.29/GRE/2018/44 regarding automatic switching of headlamps and daytime running lamps.

Proposed amendments are underlined.

I. Proposal

Paragraph 5.11.1.(d) amend to read :

“5.11.1. This ~~condition~~ **requirement** does not apply **while one or more of the following conditions exist:**

...

~~5.11.2.~~ (d) ~~To front position lamps when their~~ function is substituted under the provisions of paragraph 5.12.1. below.

...”

Paragraph 6.1.7.1. amend to read:

“6.1.7.1. Except when they are used to give intermittent luminous warnings at short intervals, the main-beam headlamps may be switched ON only when ~~the master light switch is in headlamps ON position or in "AUTO" (automatic) position and~~ **the dipped-beam headlamps are manually activated** or the conditions for automatic ~~activation~~ **switching ON** of dipped-beam **headlamps** exist. ~~In the latter case, Consequently,~~ the main beam headlamps shall be switched ~~OFF~~ **off** automatically when ~~the dipped-beam headlamps are manually deactivated or~~ the conditions for automatic ~~activation~~ **switching ON** of dipped-beam **headlamps** ceased to exist.”

Paragraph 6.2.7.5. – delete text in square brackets.

Paragraph 6.2.7.5.2. – delete text in square brackets (entire paragraph).

Paragraph 6.2.7.9. (correct paragraph number) amend to read:

“6.2.7.9. ~~Irrespective of~~ **In addition to the requirements of paragraph 6.2.7.5.,** the dipped-beam headlamps may switch ON and OFF automatically relative to other factors such as time or ambient conditions (e.g. time of the day, vehicle location, rain, fog, etc.).

Paragraph 6.19.7.1. amend to read:

“6.19.7.1. The daytime running lamps shall be switched ON automatically when the device which starts and/or stops the ~~engine (propulsion system)~~ is set in a position which makes it possible for the ~~engine (propulsion system)~~ to operate **and**

(a) ~~the headlamps are switched OFF~~ conditions for automatic switching ON of dipped-beam headlamps do not exist; and

...”

II. Justification

5.11.1.(d) amend to keep in the same grammatical style.

6.1.7.1. amended to be consistent with the wording of the provision requiring the dipped-beam to be switched ON.

6.2.7.5. the text in square bracket is redundant as this provision is already covered in paragraphs related to DRL switching. DRL must switch OFF when dipped beam headlamps are switched ON.

6.2.7.5.2. if retained, this provision would essentially allow the dipped beam to be switched OFF for the entire trip (up to the length of travel using one tank-full of petrol).

6.2.7.9. “Irrespective” means in spite of everything; or without regard to drawbacks; without regard etc. If “irrespective” remains in the text, this may suggest that other variables (time, ambient conditions, switching ON wipers, etc.), other than ambient light may decide on switching ON and OFF the dipped beam. If this is the intention of GRE than OK; however, if GRE decides that ambient light shall remain the principal trigger for switching ON and OFF of dipped-beam, than this has to be clearly stated.

6.19.7.1. when the driver switches off the dipped beam headlamps under conditions that require these headlamps to be switched ON, there is a reason to extinguish forward white lights. In case when a driver switches OFF the dipped-beam, DRL would automatically switch ON, defeating the driver’s intent.
