

Transmitted by the expert from Japan

Informal Document No. **GRE-60-01**
(60th GRE, 1 - 3 October 2008,
agenda item 4(c))

06 August 2008

Proposal for amendments to ECE/TRANS/GRE/2008/43 (Regulation No. 48)

The modifications to ECE/TRANS/GRE/2008/43 are marked in bold or strikethrough characters.

A. PROPOSAL

Paragraph 5.11. and 5.12., amend to read:

- "5.11. The electrical connections must be such that the front and rear position lamps, the end-outline marker lamps, if they exist, the side-marker lamps, if they exist, and the rear registration plate lamp can only be switched ON and OFF simultaneously.
This condition does not apply:
- 5.11.1. when front and rear position lamps are switched ON, as well as side-marker lamps when combined or reciprocally incorporated with said lamps, as parking lamps;
 - 5.11.2. when side-marker lamps are permitted to flash.
 - 5.11.3. to front position lamps when their function is substituted under the provisions of paragraph 5.12.1. below.
 - 5.11.4. when front or rear position lamps are reciprocally incorporated with another lamp/function. In this case, the respective front or rear position lamp or part thereof may be switched OFF and substituted by another lamp/function within a common lamp body during the entire period of activation of the substituting lamp/function on the relevant side of the vehicle, provided that
 - 5.11.4.1. the substituting lamp/function meets, for the respective position lamp, the requirements concerning
 - (a) the geometric visibility; and
 - (b) the minimum photometric values according to the angles of light distribution.
 - 5.11.4.2. appropriate evidence demonstrating compliance with the requirements indicated in paragraph 5.11.4.1. above is provided in the test reports of the substituting lamp/function.
 - 5.11.4.3. their electrical connections are such that in case of failure of the substituting lamp/function the respective position lamps are automatically re-activated.**

- 5.12. The electrical connections shall be such that ... and dipped-beam headlamps;
- 5.12.1. The dipped-beam headlamps and/or the main-beam headlamps and/or the front fog lamps may substitute the function of the front position lamps, provided that:
- (a) ~~their electrical connections are such that in case of failure of any of these lighting devices the front position lamps are automatically re-activated, and~~
 - (b) they fulfil the requirements of paragraphs 5.11.4.1., ~~and 5.11.4.2. and~~ **5.11.4.3.** above."

B. JUSTIFICATION

In GTB proposal, if the front position lamps are substituted by the front lighting devices, in case of failure of the front lighting device the front position lamp shall be automatically re-activated. On the other hand, if the position lamps are substituted by the reciprocally incorporated lamps, there is not such a requirement. This is inconsistent. Therefore Japan is proposing to amend the structure of paragraphs in order to apply the re-activation requirement to both cases.

- - - - -