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**Economic Commission for Europe****Inland Transport Committee****World Forum for Harmonization of Vehicle Regulations****198th session**

Geneva, 10–13 March 2026

Item 4.10.6 of the provisional agenda

**1958 Agreement:****Consideration of draft amendments to existing****UN Regulations submitted by GRE****Proposal for Supplement 6 to the 01 series of amendments to  
UN Regulation No. 148 (Light-Signalling Devices)****Submitted by the Working Party on Lighting and Light-Signalling <sup>\*,\*\*</sup>**

The text reproduced below was adopted by the Working Party on Lighting and Light-Signalling (GRE) at its ninety-third session (ECE/TRANS/WP.29/GRE/93, para. 22). It is based on ECE/TRANS/WP.29/GRE/2025/11, ECE/TRANS/WP.29/GRE/2025/12, GRE-92-14. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration at their March 2026 sessions.

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\* This document was scheduled for publication after the standard publication date owing to circumstances beyond the submitter's control.

\*\* In accordance with the programme of work of the Inland Transport Committee for 2026 as outlined in proposed programme budget for 2026 (A/80/6 (Sect. 20), table 20.7), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

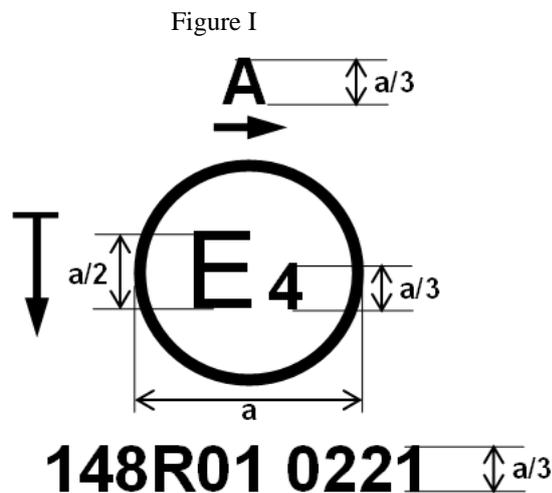


Introduction, last paragraph starting with “Regarding the requirements for approval markings...”, delete.

Paragraph 3.1.2.1.(d), delete “or the Unique Identifier”.

Paragraph 3.3. and its subparagraphs, amend to read:

- “3.3. Approval marking and other markings
- 3.3.1. General provisions
- 3.3.1.1. Every device belonging to an approved type shall comprise a space of sufficient size for the approval marking and other markings as defined in paragraphs 3.3.3.2. to 3.3.3.6.
- 3.3.1.1.1. All markings shall be clearly legible and indelible,
- 3.3.1.2. With regard to the size of the approval marking the value for “a” shall be at least 5 mm.



Examples of the arrangement of the markings are shown in Annex 7.

- 3.3.2. The approval marking shall consist of:
- 3.3.2.1. The approval mark, i.e. a circle surrounding the letter "E" followed by the distinguishing number of the country which has granted approval.
- 3.3.2.2. The four to six-digit sequential number, being part of the approval number prescribed in paragraph 3.2.3.2. This sequential number shall be placed close to the approval mark.
- 3.3.2.3. The symbols identifying the light signalling lamps prescribed in paragraph 3.2.4.
- 3.3.2.4. The number of this Regulation followed by the letter 'R' and the two digits indicating the series of amendments in force at the time of issue of the approval.
- 3.3.2.5. The following additional symbol(s), if applicable:
- 3.3.2.5.1. On lamps which cannot be mounted on either side of the vehicle indiscriminately, a horizontal arrow showing in which position the lamp is to be mounted.
- 3.3.2.5.1.1. The arrow shall be directed outwards from the vehicle in the case of:
- Direction indicators categories 1, 1a, 1b, 2a, 2b, 11, 11a, 11b, 11c and 12;
  - Front or rear position lamps, front or rear end-outline marker lamps;

- (c) Reversing lamps in case of reduced light distribution of two reversing lamps.
- 3.3.2.5.1.2. The arrow shall be directed towards the front of the vehicle in the case of direction indicators of categories 5 and 6 and combined parking lamps
- 3.3.2.5.1.3. For direction indicators of category 6 an indication "R" or "L" shall be shown on the lamp, indicating the right or left side of the vehicle.
- 3.3.2.5.2. If applicable, to the right side of the symbol mentioned in paragraph 3.2.4.:
  - (a) The additional letter "D", on lamps which may be used as part of an assembly of two independent lamps;
  - (b) The additional letter "Y", on lamps which are used as part of an interdependent lamps system.
- 3.3.2.5.3. On lamps with reduced light distribution, see paragraph 1.1. of Annex 3, a vertical arrow starting from a horizontal segment and directed downwards.
- 3.3.3. Marking requirements
  - 3.3.3.1. Lamps shall bear the approval marking.
  - 3.3.3.2. Lamps shall bear the trade name or mark of the applicant
  - 3.3.3.3. Lamps shall, with the exception of lamps with non-replaceable light sources, bear a marking indicating:
    - (a) The category or categories of light source(s) prescribed;
    - (b) in the case where the lamp has been approved for LED substitute light source(s), also the category or categories of the LED substitute light source(s);
  - 3.3.3.4. Lamps shall bear marking of the rated voltage(s) (i.e. 6V, 12V or 24V) or the range of voltage, in the case of lamps with:
    - (a) An electronic light source control gear; and/or
    - (b) A variable luminous intensity control; and/or
    - (c) A secondary operating mode; and/or
    - (d) Non-replaceable light sources.
  - 3.3.3.5. In case replaceable light source module(s) is/are used, bear the following markings.
    - (a) On the light source module(s):
      - (i) The trade name or mark of the applicant;
      - (ii) The specific identification code of the module; This specific identification code shall comprise the starting letters "MD" for "MODULE" followed by the approval mark without the circle as prescribed in paragraph 3.3.2.1.1. In case several non-identical light source modules are used, followed by additional symbols or characters; The approval mark does not have to be the same as the one on the lamp in which the module is used, but both marks shall be from the same applicant;
      - (iii) The rated voltage(s) or the range of voltage.
    - (b) On the lamp:
      - (i) The specific identification code of the module as prescribed in paragraph 3.3.3.5. (a), (ii);
      - (ii) The rated voltage(s) or the range of voltage.

- 3.3.3.6. An electronic light source control gear or variable luminous intensity control being part of the lamp, but not included into the lamp body, shall be marked with its identification number and the name of the manufacturer.
- 3.3.4. Marking location
- 3.3.4.1. The approval marking shall be placed on an inner or outer part (transparent or not) of the lamp which is not designed to be separated from the transparent part of the lamp emitting the light.
- 3.3.4.2. In any case the approval marking as well as the category or categories of LED substitute light source(s) prescribed, if any, shall be visible when the lamp is fitted on the vehicle or when a movable part such as the hood or boot lid or a door is opened.
- 3.3.4.3. If the outer lens of a device is designed to be separated from the main body, the approval marking shall be placed on both, the detachable lens and the main body.
- 3.3.4.4. In case an outer lens is used for several devices and bearing different approval markings, the main body of each device shall bear only the approval marking of the function(s) of that device.
- 3.3.4.5. The approval marking and the markings in paragraphs 3.3.3.2., 3.3.3.3., 3.3.3.4., 3.3.3.5. (b) and 3.3.3.6. shall be affixed on the lamp.
- 3.3.4.6. The markings in paragraphs 3.3.3.5.(a) shall be affixed on the component.
- 3.3.4.7. The markings in paragraphs 3.3.3.2., 3.3.3.3. (a), 3.3.3.4., 3.3.3.5. and 3.3.3.6. do not need to fulfil the requirements of paragraph 3.3.4.2.
- 3.3.5. Grouped, combined or reciprocally incorporated lamps
- 3.3.5.1. Where grouped, combined or reciprocally incorporated lamps have been found to comply with the requirements of several UN Regulations, a single approval mark with the four to six-digit sequential number may be affixed. This marking may be located anywhere on the grouped, combined or reciprocally incorporated lamps, provided that:
- 3.3.5.1.1. It is visible after their installation;
- 3.3.5.1.2. No part of the grouped, combined or reciprocally incorporated lamps that transmits light can be removed without at the same time removing the approval mark.
- 3.3.5.2. The size of the components of a single approval mark shall not be less than the minimum size required for the smallest of the individual marks by the pertinent UN Regulations under which approval has been granted.
- 3.3.5.3. Annex 7 gives examples of approval marking arrangements for grouped, combined or reciprocally incorporated lamps with all the additional symbols mentioned above.”

*Annex 1,*

*Table, last row,* delete “Unique Identifier (UI) (If applicable)”.

*Item 10,* delete “or Unique Identifier (UI)”.

*Annex 3, paragraph 1.1.,* amend to read:

- “1.1. The direction  $H = 0^\circ$  and  $V = 0^\circ$  corresponds to the reference axis. (On the vehicle, it is horizontal, parallel to the median longitudinal plane of the vehicle and oriented in the required direction of visibility.) It passes through the centre of reference. Unless specified otherwise, the values shown in Figures A3-I to A3-XV give, for the various directions of measurement, the minimum intensities as a percentage of the minimum intensities required, which shall be mathematically rounded down to three significant digits.

...”  
*Annex 7, Section 3, Figure A7-IV - Marking example 4, second column, for 3.3.5.4. read*  
3.3.4.4.

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