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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### Working Party on General Safety Provisions

##### 112th session

Geneva, 24-28 April 2017

Item 11 of the provisional agenda

**Regulation No. 121 (Identification of controls, tell-tales and indicators)**

### **Proposal for Supplement 2 to the 01 series of amendments to Regulation No. 121 (Identification of controls, tell-tales and indicators)**

#### **Submitted by the expert from the International Organization of Motor Vehicle Manufacturers\***

The text reproduced below was prepared by the expert from the International Organization of Motor Vehicle Manufacturers (OICA) to align the provisions of UN Regulation No. 121 to those of the 07 series of amendments to UN Regulation No. 16 on safety belts. It also aims to align the text of the Regulation with that of standard ISO 2575 of the International Organization for Standardization (ISO). It is based on informal documents GRSG-111-14 and GRSG-111-37 distributed during the 111th session of the Working Party on General Safety Provisions (GRSG) (see report ECE/TRANS/WP.29/GRSG/90, para. 43). The modifications to the current text of UN Regulation No. 121 are marked in bold characters for new and strikethrough for deleted characters.

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\* In accordance with the programme of work of the Inland Transport Committee for 2016–2017 (ECE/TRANS/254, para. 159 and ECE/TRANS/2016/28/Add.1, cluster 3.1), the World Forum will develop, harmonize and update Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.

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## I. Proposal



Paragraph 5.5., amend to read (including the insertion of a new paragraph 5.5.1.7.):

- "5.5. Common Space for Displaying Multiple Information
- 5.5.1. A common space may be used to show information from any source, subject to the following requirements:
- 5.5.1.1. The tell-tales and indicators in the common space shall provide relevant information at the initiation of any underlying condition.
- 5.5.1.2. When the underlying condition exists for actuation of two or more tell-tales, the information shall be either
- 5.5.1.2.1. Repeated automatically in sequence, or
- 5.5.1.2.2. Indicated by visible means and capable of being selected for viewing by the driver under the conditions of paragraph 5.6.2.
- 5.5.1.3. The tell-tales for the brake system malfunction, headlamp driving beam, direction indicator and ~~seat-belt~~ **safety belt** shall not be shown in the same common space.
- 5.5.1.4. If tell-tale for the brake system malfunction, headlamp driving beam, direction indicator or ~~seat-belt~~ **safety belt** is displayed in a common space it must displace any other symbol in such common space if the underlying condition exists for its activation.
- 5.5.1.5. With the exception of tell-tales for the brake system malfunction, headlamp driving beam **or** direction indicator ~~or seat-belt~~, the information may be cancellable automatically or by the driver. **Tell-tales for the safety belt reminder for front row may be cancelled automatically. Tell-tales for the safety belt reminder for seat row(s) other than the front row may be cancelled automatically or by the driver.**
- 5.5.1.6. Unless prescribed in a specific Regulation, the colour requirements regarding tell-tales do not apply when tell-tales appear in a common space.
- 5.5.1.7. Paragraphs 5.5.1.3. to 5.5.1.4. do not apply for tell-tales for safety belt reminders for seat row(s) other than the front row."**

Table 1, row No. 21, amend to read (including the insertion of a new footnote <sup>22</sup>):

"

No.	Column 1 Item	Column 2 Symbol <sup>2</sup>	Column 3 Function	Column 4 Illumination	Column 5 Colour
...	...	...	...	...	...
21.	<b>Seat belt Safety belt</b>		Tell-tale	Yes	Red

...	...	...	...	...	...
31.	<del>Diesel</del> <b>Combustion</b> pre-heat; <b>engine start</b> <b>aid</b>		Tell-tale	Yes	Yellow
32.	Choke (cold starting device)		Control	No	
...	...	...	...	...	...

Notes:

...

<sup>18</sup> Symbol may be shown in other colours than specified in column 5 in order to convey different meanings according to the general colour coding as proposed in paragraph 5. of ISO 2575-2004.

...

<sup>22</sup> **A different symbol may be used for seat row(s) other than the front row."**

## II. Justification

1. At its fifty-ninth session, the Working Party on Passive Safety (GRSP) approved the proposal for the 07 series of amendments to UN Regulation No. 16 (see documents ECE/TRANS/WP.29/GRSP/2016/2 and ECE/TRANS/WP.29/GRSP/59, page 24) to mandate safety belt reminders for all vehicle seats, and was adopted by WP.29 at its November 2016 session based on ECE/TRANS/WP.29/2016/99.

2. To align the wording of UN Regulation No. 121 with the new provisions of UN Regulation No. 16, the following amendments are necessary:

- (a) the wording "seat belt" must be replaced by "safety belt";
- (b) the symbol for safety belt, defined in item 21 of Table 1 in the Regulation, may be displayed in different colours to convey different meanings. Therefore, the existing footnote 18 has been added to item 21; and
- (c) this symbol may be replaced by different symbols for seats other than those of the front row. Therefore, a new footnote 22 has been added to item 21.

3. Paragraph 5.1.5. is modified and paragraph 5.1.7. introduced to take into consideration the strict content of ECE/TRANS/WP.29/GRSP/59, page 24, paragraphs 8.4.3.2.1. and 8.4.4. on safety-belt reminder for occupants of rear seat row(s).

4. The proposed amendments do not change any of the technical requirements of UN Regulation No. 121. Therefore, this proposal does not contain transitional provisions.

5. The current text of the Regulation focuses on diesel engine glow plugs that assist in starting the engine at low temperatures (symbol 31). The evolution of the technology (flexfuel, etc.) is such that the icon is convenient for technologies other than diesel engines, yet also to assist starting the engine at low temperatures. The proposal extends the use of the symbol to those new technologies, as it was agreed at ISO (Resolution 664).