

Transmitted by the expert from the OICA

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Proposal for amendments to Regulation No. 121 (Identification of controls, tell-tales and indicators)

The text reproduced below was prepared by the experts from the International Organization of Motor Vehicle Manufacturers (OICA) in order to comment the document GRSG/2010/20 with regards to its proposal for adding a new symbol for “ESC OFF” and for the equipment with a cruise control.

A. Proposal

OICA proposes not to add a symbol (N°44) dedicated to deactivation of electronic stability control system.

Similarly, OICA proposes not to add a symbol (N°48) dedicated to the cruise control.

B. Justification

Proposal from CDN to add a new item N°44 for deactivation of ESC.

UNECE R13H provides, in paragraphs 3.5.2. and 3.5.3. of Annex 9, requirements for identification of the “ESC-OFF” control, and in paragraphs 3.6.2.3. of Annex 9, requirements for identification of the “ESC-OFF” tell-tale. As a consequence, identification of ESC-OFF controls and tell-tales is fully covered in Regulation N° 13H for the vehicles of category M1/N1 and there is no need to add provisions for those vehicles in UNECE R121.

UNECE R13 provides requirements for indicating an automatic deactivation of the electronic stability control in paragraph 2.1.1. (d) (iii) of Annex 21.

This paragraph currently reads:

“(iii) A constant optical warning signal shall inform the driver that the vehicle stability function has been disabled. The yellow warning signal specified in paragraph 2.1.5. below may be used for this purpose. The warning signals specified in paragraph 5.2.1.29. of this Regulation shall not be used.”

The yellow warning signal specified in paragraph 2.1.5. of this annex is the signal which is used to indicate a vehicle stability function failure or defect. It may use the symbol currently proposed by UK and OICA in their document GRSG/2010/28 as a new symbol N°43.

Both braking regulations clearly stipulate that the ESC signals must be flashing when ESC is intervening, and be constant when ESC is in failure or disabled, in line with the state of the art concerning Human Machine Interface. As a consequence, there is no need to add a new symbol into UNECE R121 for addressing the situation of ESC disabling.

Proposal from CDN to add a new item N°48 for cruise control

Cruise control is not regulated by any UNECE regulation (Regulation N°89 addresses speed limiter devices). The addition of a symbol as proposed by CDN could be interpreted such that the symbol is mandatory whenever the vehicle is equipped with a cruise control.
