

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

Note: The text reproduced below was prepared by the expert from OICA in order to propose some editorial changes, clarify the use of colours for tell-tales and to introduce the additional requirements concerning the indication of low tyre pressure. The modifications to the existing text of the Regulation are marked in **bold** characters.


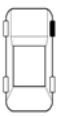
A. PROPOSAL

Paragraphs 5.2.1. and 5.4.1., amended to read:

"5.2.1. Where fitted, the controls, tell-tales and indicators, listed in **column 3** of table 1, shall be identified by symbols designated for them in column 2 of table 1. This requirement does not apply to the horn (an audible warning signal) control, when it is activated by a narrow ring-type control or by a lanyard. If a symbol is used for identifying a control, tell-tale or indicator not listed in table 1, it is recommended to use a symbol designated for the purpose in standard ISO 2575:2000 where one exists and where that symbol is suitable for the application concerned."

"5.4.1. Light of each tell-tale listed in table 1 shall be of the colour shown in column 5 of this table. **Each symbol may be shown in other colours in order to convey different meanings according to the general colour coding as proposed in paragraph 5 of standard ISO 2575:2000.**

Table 1 Symbols, their illumination and colours, amend to read:

No.	Column 1	Column 2	Column 3	Column 4	Column 5
	ITEM	SYMBOL <u>2/</u>	FUNCTION	ILLUMINATION	COLOUR
...
42a.	Low Tyre Pressure (including malfunction)	 16/	Tell-tale	Yes	Yellow
42b.	Low Tyre Pressure (including malfunction) that identifies affected tyre	 16/ 17/	Tell-tale	Yes	Yellow

Insert the new footnotes to be added:

16/ Additionally, either of the low tyre pressure tell-tales may be used to indicate a Tyre Pressure Monitoring System (TPMS) malfunction.

17/ The vehicle outline shown is not intended to be restrictive, but is the recommended outline. Alternative vehicle outlines may be used in order to better represent the actual outline of a given vehicle."

B. JUSTIFICATION

Statement as introduced in the first sentence of paragraph 5.2. of the existing Regulation refers to devices (controls, indicators, tell-tales) which are listed in column 3 and not to the generic function as tabled in column 1 of table 1.

The sentence of paragraph 5.4.1., as proposed on the present Regulation (black text), may be understood as a mandatory requirement for the unique colour coding as given in column 5 of Table 1 for a tell-tale if fitted on a vehicle with the ban for the use of other colours to indicate different warning levels for the same item. The additional sentence to the present paragraph 5.4.1., coming from the present version of standard ISO 2575: 2004, aims to bring forward more flexibility in vehicle design (clarify the Regulation).

Furthermore, this document aims to introduce an additional telltale to indicate low tyre pressure. Therefore, OICA proposes that in Table 1 No. 42b should be added.

If a vehicle is equipped with a system that controls the tyre pressure it is necessary to indicate low tyre pressure. This should happen by a yellow tell-tale. The information the driver will get depends on the symbol that is installed. With the symbol under 42a it could be indicated that there is a problem with the tyre pressure. But the driver will not be informed which tyre has to be checked. The symbol under 42b informs the driver which tyre has low pressure.

It should also be possible to use either tell-tale to indicate a TPMS malfunction. Therefore, footnote 16/ is introduced.

When using the new symbol 42b the outline of the vehicle should not be-restricted to that shown. It should be possible for each manufacturer to better represent actual outline of a given vehicle. Therefore, footnote 17/ has been introduced.
