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Item 9 of the provisional agenda

Regulation No. 16 (Safety-belts)**Proposal for Supplement 5 to the 06 series of amendments****Submitted by the expert from Sweden***

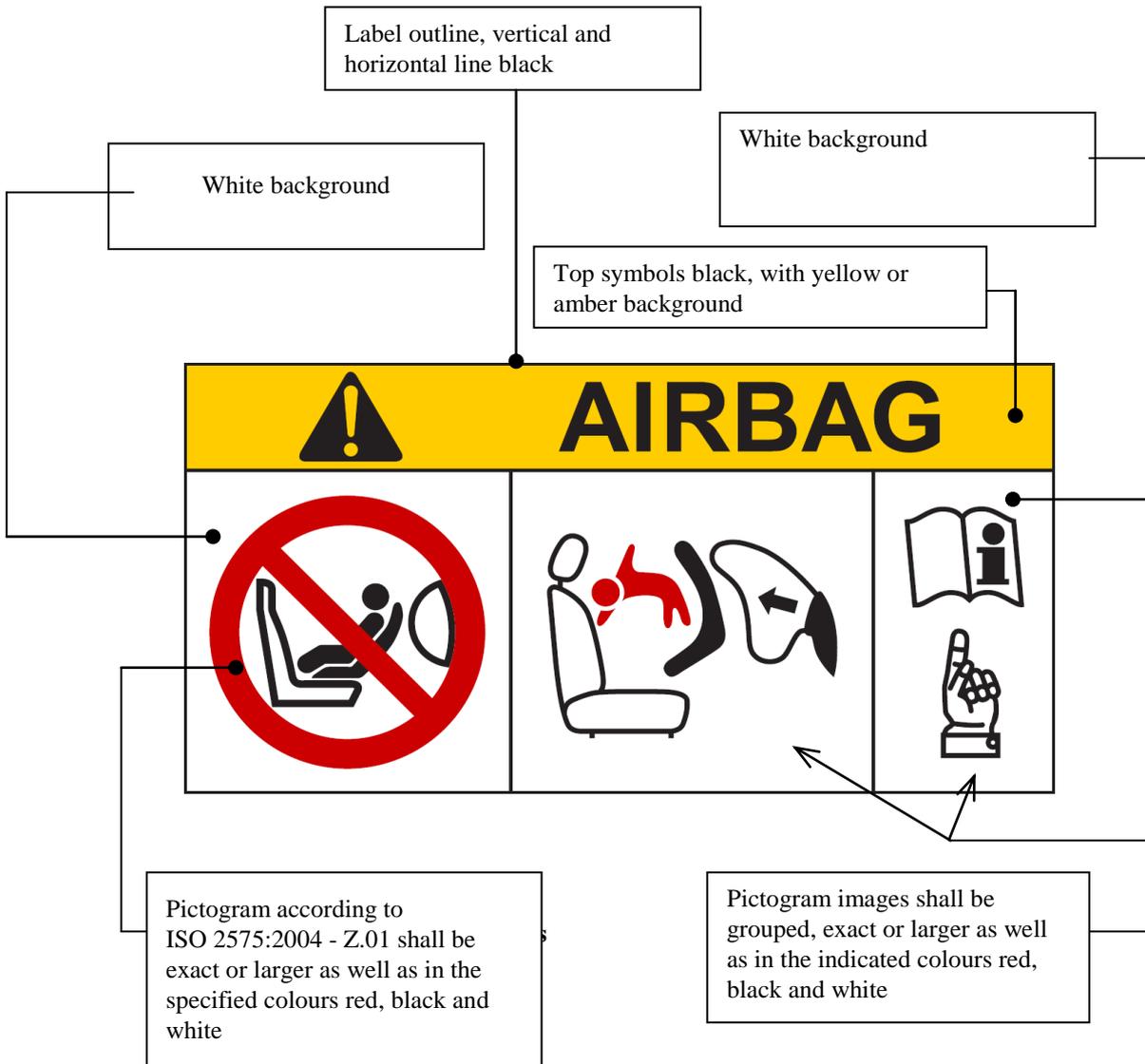
The text reproduced below was prepared by the expert from Sweden to further clarify the risk of installing a rearward-facing child restraint in a seating position that is equipped with a frontal airbag. To achieve further clarification, the labelling used should be fully harmonized with the newly amended requirements in UN Regulation 94 (frontal collision). The text is based on a document without a symbol (GRSP-52-14) distributed during the fifty-second session of the Working Party on Passive Safety (GRSP) (ECE/TRANS/WP.29/GRSP/52, para. 23). The modifications to the text of the UN Regulation are marked in bold for new or strikethrough for deleted characters.

* In accordance with the programme of work of the Inland Transport Committee for 2010–2014 (ECE/TRANS/208, para. 106 and ECE/TRANS/2010/8, programme activity 02.4), 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.

I. Proposal

Paragraph 8.1.8., amend to read:

"8.1.8. ~~With the exception of the case covered by paragraph 8.1.9, Every~~ passenger seating position which is fitted with ~~an~~ **a frontal protection** airbag shall be provided with a warning against the use of a rearward-facing child restraint in that seating position. ~~The warning label, in the form of a pictogram which may include explanatory text, shall be durably affixed and located such that it is easily visible in front of a person about to install a rearward facing child restraint on the seat in question. An example of a possible design of a pictogram is shown in Figure 1. A permanent reference should be visible at all times, in case the warning is not visible when the door is closed. As a minimum, this information shall consist of a label containing clear warning pictograms as indicated below:~~



The overall dimensions shall be at least 120 x 60 mm or the equivalent area.

The label shown above may be adapted in such a way that the layout differs from the example above; however, the content shall meet the above prescriptions."

~~Figure 1~~



~~Colours:~~

- ~~(a) The pictogram is red;~~
- ~~(b) Seat, child seat and contour line of the airbag are black;~~
- ~~(c) The word airbag as well as the airbag are white.~~

Paragraph 8.1.9., amend to read:

"8.1.9. ~~The requirements of paragraph 8.1.8. shall not apply if the vehicle is fitted with a mechanism which senses automatically the presence of any rearward-facing child restraint, and ensures that the airbag will not be deployed when such a child restraint system is fitted.~~

In the case of a frontal protection airbag in the front passenger seat, the warning shall be durably affixed to each face of the passenger front sun visor in such a position that at least one warning on the sun visor is visible at all times, irrespective of the position of the sun visor. Alternatively, one warning shall be located on the visible face of the stowed sun visor and a second warning shall be located on the roof behind the visor, so, at least one warning is visible all times. It shall not be possible to easily remove the warning label from the visor and the roof without any obvious and clearly visible damage remaining to the visor or the roof in the interior of the vehicle.

In the case of a frontal protection airbag for other seats in the vehicle, the warning shall be directly ahead of the relevant seat, and clearly visible at all times to someone installing a rear-facing child restraint on that seat. The requirements of paragraphs 8.1.8. and 8.1.9. do not apply to those seating positions equipped with a device which automatically deactivates the frontal protection airbag assembly when any rearward facing child restraint is installed."

Insert a new paragraph 8.1.10., to read:

"8.1.10. **Detailed information, making reference to the warning, shall be contained in the owner's manual of the vehicle; as a minimum, the**

following text in all official languages of the country or countries where the vehicle could reasonably be expected to be registered (e.g. within the territory of the European Union, in Japan, in Russian Federation or in New Zealand, etc.), shall at least include:

"NEVER use a rearward facing child restraint on a seat protected by an ACTIVE AIRBAG in front of it, DEATH or SERIOUS INJURY to the CHILD can occur"

The text shall be accompanied by an illustration of the warning label as found in the vehicle. The information shall be easily found in the owner's manual (e.g. specific reference to the information printed on the first page, identifying page tab or separate booklet, etc.)

The requirements of paragraph 8.1.10. do not apply to vehicles of which all passenger seating positions are equipped with a device which automatically deactivates the frontal protection airbag assembly when any rearward facing child restraint is installed."

Paragraph 8.1.10., (former), renumber as paragraph 8.1.11.

Insert new paragraphs 15.3.7. and 15.3.8., to read:

- "15.3.7. As from the official date of entry into force of Supplement 4 to the 06 series of amendments, no Contracting Party applying this Regulation shall refuse to grant type approvals under this Regulation as amended by Supplement 4 to the 06 series of amendments.**
- 15.3.8 Until [12 months] after the date of entry into force of the Supplement 4 to the 06 series of amendments to this Regulation, Contracting Parties applying this Regulation can continue to grant type approvals to the 06 series of amendments to this Regulation without taking into account the provisions of Supplement 4."**

II. Justification

1. The purpose of the airbag warning label is to inform consumers about the risks of installing a rearward-facing child restraint in a seat that is equipped with a frontal airbag. The warning label shall be provided in all vehicles equipped with air bags.
2. The requirements for the airbag warning label in UN Regulation No. 94 were recently amended by Supplement 4 to the 01 series of amendments and by Supplement 1 to the 02 series of amendments to UN Regulation No. 94 (frontal collision). The main purpose of the amendment was to introduce a pictogram that can provide sufficient information without supplementary text.
3. The scope of UN Regulation No. 94 applies to vehicles of category M₁ with a gross weight mass not exceeding 2 500 kg. However, clear and understandable warning labels should be present in all vehicles equipped with a frontal airbag to avoid a rearward-facing child restraint being installed in a seat equipped with a frontal airbag. Vehicles of category M₁ used as family cars, fall outside the scope of UN Regulation No. 94 because of the weight. By amending the requirements for the airbag warning label in UN Regulation No. 16 vehicles that also fall outside the scope of Regulation 94 will be addressed. Vehicle owner will get the same safety information regardless of the weight. Moreover, there are

vehicles of category N₁ equipped with frontal airbags on the passenger side. Vehicles of category N₁ fall outside the scope of UN Regulation No. 94. These vehicles also need to have a clear danger warning.

4. It appears necessary to amend the requirements for the airbag warning label of UN Regulation No. 16 and take over the warning label requirements from UN Regulation No. 94 which was recently agreed upon.
