



## Economic and Social Council

Distr.: General  
5 April 2013

Original: English

---

### Economic Commission for Europe

#### Inland Transport Committee

#### World Forum for Harmonization of Vehicle Regulations

##### 160<sup>th</sup> session

Geneva, 25-28 June 2013

Item 4.6.5 of the provisional agenda

**1958 Agreement – Consideration of draft amendments  
to existing Regulations submitted by GRSP**

### **Proposal for Supplement 4 to the 02 series of amendments to Regulation No. 94 (Frontal collision)**

#### **Submitted by the Working Party on Passive Safety \***

The text reproduced below was adopted by the Working Party on Passive Safety (GRSP) at its fifty-second session. It is based on ECE/TRANS/WP.29/GRSP/2012/16 not amended (ECE/TRANS/WP.29/GRSP/52, para. 34). It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee AC.1 for consideration.

---

\* 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.

*Insert a new paragraph 2.35., to read:*

"2.35. "Automatically activated door locking system" means a system that locks the doors automatically at a pre-set speed or under any other condition as defined by the manufacturer."

*Insert new paragraphs 5.2.3.1. to 5.2.3.1.2., to read:*

"5.2.3.1 In the case of automatically activated door locking systems which are installed optionally and/or which can be de-activated by the driver, this requirement shall be verified by using one of the following 2 test procedures, at the choice of the manufacturer:

5.2.3.1.1. If testing in accordance with Annex 3, paragraph 1.4.3.5.2.1., the manufacturer shall in addition demonstrate to the satisfaction of the Technical Service (e.g. manufacturer's in-house data) that, in the absence of the system or when the system is de-activated, no door will open in case of the impact.

5.2.3.1.2. The test is conducted in accordance with Annex 3, paragraph 1.4.3.5.2.2."

*Paragraph 5.2.4., amend to read:*

"5.2.4. After the impact, the side doors shall be unlocked."

*Insert new paragraphs 5.2.4.1. to 5.2.4.2.2., to read:*

"5.2.4.1. In the case of vehicles equipped with an automatically activated door locking system, the doors shall be locked before the moment of impact and be unlocked after the impact.

5.2.4.2. In the case of vehicles equipped with automatically activated door locking systems which are installed optionally and/or which can be de-activated by the driver, this requirement shall be verified by using one of the following 2 test procedures, at the choice of the manufacturer:

5.2.4.2.1. If testing in accordance with Annex 3, paragraph 1.4.3.5.2.1, the manufacturer shall in addition demonstrate to the satisfaction of the Technical Service (e.g. manufacturer's in-house data) that, in the absence of the system or when the system is de-activated, no locking of the side doors shall occur during the impact.

5.2.4.2.2. The test is conducted in accordance with Annex 3, paragraph 1.4.3.5.2.2."

*Insert a new paragraph 11.10., to read:*

"11.10. Until 18 months after the date of entry into force of the Supplement 4 to the 02 series of amendments to this Regulation, Contracting Parties applying this Regulation can continue to grant type approvals to the 02 series of amendments to this Regulation without taking into account the provisions of Supplement 4."

*Annex 3,*

*Insert new paragraphs 1.4.3.5.1. to 1.4.3.5.2.2., to read:*

- "1.4.3.5.1. In the case of vehicles equipped with an automatically activated door locking system, the system shall be activated at the start of propulsion of the vehicle in order to lock the doors automatically before the moment of impact. At the choice of the manufacturer, the doors shall be locked manually before the start of propulsion of the vehicle.
- 1.4.3.5.2. In the case of vehicles equipped with an automatically activated door locking system that is installed optionally and/or which can be de-activated by the driver, one of the following two procedures shall be used at the choice of the manufacturer:
  - 1.4.3.5.2.1. The system shall be activated at the start of propulsion of the vehicle in order to lock the doors automatically before the moment of impact. At the choice of the manufacturer, the doors shall be locked manually before the start of propulsion of the vehicle.
  - 1.4.3.5.2.2. The side doors on the impacted side shall be unlocked and the system overridden for these doors; for the side doors on the non-impacted side, the system may be activated in order to lock these doors automatically before the moment of impact. At the choice of the manufacturer, these doors shall be locked manually before the start of propulsion of the vehicle."