



## Economic and Social Council

Distr.: General  
11 April 2016

Original: English

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### Economic Commission for Europe

#### Inland Transport Committee

#### World Forum for Harmonization of Vehicle Regulations

##### 169<sup>th</sup> session

Geneva, 21-24 June 2016

Item 17.1 of the provisional agenda

##### **Progress on the development of new global technical regulations and of amendments to established global technical regulations**

**(UN GTRs) – UN GTR No. 1 (Door locks and door retention components)**

### **Authorization to develop amendment 2 to the UN GTR**

#### **Submitted by the representative from the European Union\***

The text reproduced below was prepared by the representative of the European Union to develop amendment 2 to the gtr. It is based on informal document WP.29-168-10, distributed at the 168<sup>th</sup> session (ECE/TRANS/WP.29/1120, para. 119). This document, if adopted, shall be appended to the gtr in accordance with the provisions of paragraphs 6.3.4.2., 6.3.7. and 6.4. of the 1998 Agreement.

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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.

## **Authorization to develop amendment 2 to the UN GTR**

### **A. Objective**

1. The objective of this proposal is to develop, in the framework of the 1998 Agreement, an amendment to global technical regulation (UN GTR) No. 1 on Door locks and door retention components to adapt the regulation to technical progress by providing alternative possibilities to ensure an adequate protection of accidental opening of the back door while the vehicle is in motion.

### **B. Background**

2. UN GTR No. 1 on Door locks and door retention components was established in the Global Registry on 18 November 2004.

3. Amendment 1 to UN GTR No. 1 with adaptations to technical progress, notably concerning back doors, was established in the Global Registry on 28 June 2012.

4. In the 58<sup>th</sup> session of GRSP, the expert from OICA introduced ECE/TRANS/WP.29/GRSP/2015/26, proposing alternative possibilities to ensure adequate protection against accidental opening of the back door while the vehicle was in motion. GRSP adopted the proposal not amended. The secretariat was requested to submit ECE/TRANS/WP.29/GRSP/2015/26 to WP.29 and AC.1, for consideration and vote at their June 2016 sessions as draft Supplement 4 to the 03 series and as draft Supplement 1 to the 04 series of amendments to Regulation No. 11.

5. The above mentioned amendment is based on the corresponding specifications for side doors with rear mounted hinges as encompassed in Regulation No. 11 paragraph 6.1.5.4. These prescriptions also exist in UN GTR No. 1 Part B. paragraph 5.1.5.4.

6. The supplemental provisions in Regulation No. 11 provide appropriate means an adequate level of safety in case of back doors and any accidental opening. Therefore it is considered appropriate to integrate these provisions in UN GTR No. 1 as well.

### **C. Subject of amendment**

7. The amendment to UN GTR No. 1 shall include:

- (a) Amendment of Part A - Statement of technical rationale and justification;
- (b) Amendment of Part B - Text of the global technical regulation, in particular:
  - (i) Addition of paragraph 5.3.3.1.;
  - (ii) Clarification of “locking device” in in paragraph 5.3.3.1.;
- (c) Any further refinements or corrections as deemed appropriate.

### **D. Organization of process and timeline**

8. The proposal will be drafted by the experts of from the International Organization of Motor Vehicle Manufacturers in collaboration with the expert of the European Union. The amendments to the proposal will be developed in cooperation with all interested GRSP

experts and agreed via e-mail communications. The meetings of interested experts are not planned, but will be organized, if necessary.

9. The proposed action plan:
    - (a) May 2016: Introduction and consideration of the proposal (informal document) at the 59<sup>th</sup> GRSP session;
    - (b) December 2016: Consideration of the final proposal and its possible adoption at the 60<sup>th</sup> GRSP session;
    - (c) June 2017: Adoption of the proposal by AC.3, if no remaining issues had existed;
    - (d) September 2017: Adoption of the proposal by AC.3, if all remaining issues had been solved;
  10. The progress of works will be reported to AC.3 at its November 2016 and March 2017 sessions.
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