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INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations

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Geneva, 23 - 26 June 2009
Item 4.2.1 of the provisional agenda

1958 AGREEMENT

Consideration of draft amendments to existing Regulations

Proposal for Supplement 2 to the 03 series of amendments to Regulation No. 11
(Door latches and hinges)

Submitted by the Working Party on Passive Safety */

The text reproduced below was adopted by the Working Party on Passive Safety (GRSP) at its forty-fourth session. It is based on ECE/TRANS/WP.29/GRSP/2008/21, as amended by para. 16 of the report. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and to the Administrative Committee (AC.1) for consideration (ECE/TRANS/WP.29/GRSP/44, para. 16).

*/ In accordance with the programme of work of the Inland Transport Committee for 2006-2010 (ECE/TRANS/166/Add.1, programme activity 02.4), the World Forum will develop, harmonize and update Regulations in order to enhance performance of vehicles. The present document is submitted in conformity with that mandate.

Paragraph 6.1.3., amend to read:

"6.1.3. Load Test Three (applicable to doors that open in a vertical direction)

6.1.3.1. Each primary door latch system shall not disengage from the fully latched position when a vertical load of 9,000 N is applied in the direction of the axis of the hinge pin."

Paragraph 6.1.5.1.(d), amend to read:

"6.1.5.1.
(d) On doors which open in a vertical direction, not separate when a vertical load of 9,000 N is applied."

Paragraph 6.2.4.2.1., amend to read

"6.2.4.2.1. A separation which permits a sphere with a diameter of 100 mm to pass unobstructed from the interior of the vehicle to the exterior of the vehicle, while the required force is maintained."

Annex 3.

Paragraph 1., amend to read:

"1. Purpose.

These tests are ... direction. For doors which open in a vertical direction, the tests are intended ..."

Paragraph 2.1.2.1.1., amend to read:

"2.1.2.1.1. Attach ... to the linkage of the test fixture. Mount the test fixture ..."

Paragraph 2.1.2.2.1., amend to read:

"2.1.2.2.1. Attach ... to the linkage of the test fixture ..."

Paragraph 2.3., amend to read:

"2.3. Load Test Three (For doors that open in a vertical direction)"

Figure 3-3, the title, amend to read:

"Figure 3-3 - Door Latch – Tensile Testing Fixture for Load Test Three
(For doors that open in a vertical direction)"

Annex 4,

Paragraph 2.3.3.5., amend to read:

"2.3.3.5. Vertical Setup 1. (Applicable to doors that open in a vertical direction). Orient the door ..."

Paragraph 2.3.3.6., amend to read:

"2.3.3.6. Vertical Setup 2. (Applicable to doors that open in a vertical direction). Orient the door ..."

Annex 5,

Paragraph 1., amend to read:

"1. Purpose

These tests are conducted to determine the ability of the vehicle hinge system to withstand test loads:

- (a) In the longitudinal and transversal directions and, in addition,
- (b) for doors that open in a vertical direction, vertical vehicle direction."

Paragraph 2.1.3., amend to read:

"2.1.3. Vertical Load Test (For doors that open in the vertical direction)"

Title for Figure 3-3, amend to read:

"Figure 5-2 – Static load test directions for doors that open in the vertical direction."

Annex 6,

Paragraph 3.6.3., amend to read:

"3.6.3. The force application plate is positioned such that the long edge of the plate is as close to, and parallel to, the interior edge of the door as possible, but not such that the forward edge of the plate is more than 12.5 mm from the interior edge.

Paragraph 3.7.3., amend to read:

"3.7.3. The force application plate is positioned such that the long edge of the plate is as close to, and parallel to, the interior edge of the door as possible, but not such that the forward edge of the plate is more than 12.5 mm from the interior edge."
