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16 December 2009

AGREEMENT

CONCERNING THE ADOPTION OF UNIFORM TECHNICAL PRESCRIPTIONS FOR WHEELED VEHICLES, EQUIPMENT AND PARTS WHICH CAN BE FITTED AND/OR BE USED ON WHEELED VEHICLES AND THE CONDITIONS FOR RECIPROCAL RECOGNITION OF APPROVALS GRANTED ON THE BASIS OF THESE PRESCRIPTIONS */

(Revision 2, including the amendments that entered into force on 16 October 1995)

Addendum 10: Regulation No. 11

Revision 1 - Amendment 3

Incorporating:

Supplement 1 to the 03 series of amendments: Date of entry into force: 22 July 2009
Corrigendum 1 to Supplement 1 to the 03 series of amendments subject of Depositary Notification C.N.247.2009.TREATIES-2: Date of entry into force: 22 July 2009

UNIFORM PROVISIONS CONCERNING THE APPROVAL OF VEHICLES WITH REGARD TO DOOR LATCHES AND DOOR RETENTION COMPONENTS

UNITED NATIONS

*/ Former title of the Agreement:

Agreement Concerning the Adoption of Uniform Conditions of Approval and Reciprocal Recognition of Approval for Motor Vehicle Equipment and Parts, done at Geneva on 20 March 1958.

Paragraph 6.1.3., amend to read:

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

Paragraph 6.1.5.1.(d), amend to read:

"6.1.5.1. ...

(d) On back doors;

(i) Not separate when a load of 11,000 N is applied perpendicular to the hinge face plate (longitudinal test) such that the hinge plates are not compressed against each other (Load Test One);

(ii) Not separate when a load of 9,000 N is applied perpendicular to the axis of the hinge pin and parallel to the hinge face plate (transverse load test) such that the hinge plates are not compressed against each other (Load Test Two);

(iii) Not separate when a load of 9,000 N is applied in the direction of the axis of the hinge pin (Load Test Three – only for back doors that open in a vertical direction)."

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 exterior of the vehicle to the interior of the vehicle, while the required force is maintained."

Paragraph 6.3.2.1., amend to read:

"6.3.2.1. The locking device may be a:

(a) Child safety lock system, or

(b) Lock release/engagement device located within the interior of the vehicle and readily accessible to the driver of the vehicle or an occupant seated adjacent to the door."

Annex 3,

Paragraph 2.1.2.1.1., amend to read:

"2.1.2.1.1. Attach the test fixture to the mounting provisions of the latch and striker. Align in the direction of engagement parallel to the linkage of the fixture. Mount the fixture with the latch and striker in the fully latched position in the test machine."

Paragraph 2.1.2.2.1., amend to read:

"2.1.2.2.1. Attach the test fixture to the mounting provisions of the latch and striker. Align in the direction of engagement parallel to the linkage of the fixture. Mount the test fixture with the latch and striker in the secondary latched position in the test machine."

Paragraph 2.2.2.1.1., amend to read:

"2.2.2.1.1. Attach the test fixture to the mounting provisions of the latch and striker. Mount the test fixture with the latch and striker in the fully latched position in the test machine."

Paragraph 2.2.2.2.1., amend to read:

"2.2.2.2.1. Attach the test fixture to the mounting provision of the latch and striker. Mount the test fixture with the latch and striker in the secondary latched position in the test machine."

Paragraph 2.3., amend to read:

"2.3. Load Test Three (only for back doors that open in a vertical direction)"

Paragraph 2.3.2.1., amend to read:

"2.3.2.1. Attach the test fixture to the mounting provisions of the latch and striker. Mount the test fixture with the latch and striker in the fully latched position in the test machine."

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

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

Annex 4,

Paragraph 2.3.3.5., amend to read:

"2.3.3.5. Vertical Setup 1. (Only for back doors that open in a vertical direction). Orient the door subsystem(s)…"

Paragraph 2.3.3.6., amend to read:

"2.3.3.6. Vertical Setup 2. (Only for back doors that open in a vertical direction). Orient the door subsystem(s)…"

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 back doors that open in a vertical direction only, also the vertical direction, as shown in Figure 5-2.".

Paragraph 2.1.3., amend to read:

"2.1.3. Vertical load test (only for back doors that open in a vertical direction)"

Annex 6,

Paragraph 3.2., amend to read:

"3.2. Remove seats and any interior components that may interfere with the mounting and operation of the test equipment and all pillar trim and any non-structural components that overlap the door and cause improper placement of the force application plates."

Paragraph 3.3., amend to read:

"3.3. Mount the force application devices and associated support structure to the floor of the test vehicle. Each force application device and associated support structure is rigidly fixed on a horizontal surface on the vehicle floor, while applying the loads."

Paragraph 3.6.1., amend to read:

"3.6.1. The force application plate is 150 mm in length, and 50 mm in width, and at least 15 mm in thickness. The plate edges are rounded to a radius of 6 mm ± 1 mm."

Paragraph 3.7.1., amend to read:

"3.7.1. The force application plate is 300 mm in length, and 50 mm in width, and at least 15 mm in thickness. The plate edges are rounded to a radius of 6 mm ± 1 mm."

Paragraph 4.1., amend to read:

"4.1. Move each force application device at a rate up to 2,000 N per minute,…"

Paragraph 4.4., amend to read:

"4.4. Maintain the force application device position of paragraph 4.3., and within 60 seconds, measure the separation between the exterior edge of the doorframe and the interior of the door along the perimeter of the door."
