

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 11

A. PROPOSAL

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

Paragraph 6.1.5.1.(d), amend to read:

- "(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 between the exterior of the vehicle and the interior of the vehicle, while the required force is maintained."

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

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."

In 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 $6 \text{ mm} \pm 1 \text{ mm}$."

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 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 3.7.1., 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 $6 \text{ mm} \pm 1 \text{ mm}$."

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 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 4.1., amend to read:

"4.1. Move each force application device at a rate up to 2000 N per minute....."

Paragraph 4.4., amend to read:

"4.4. Maintain the force application device position of paragraph 4.3., and within 30 seconds, measure the separation between the exterior edge of the doorframe and the interior of the door along the perimeter of the door."
