

16 June 2023

Agreement

Concerning the Adoption of Harmonized Technical United Nations Regulations 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 United Nations Regulations*

(Revision 3, including the amendments which entered into force on 14 September 2017)

Addendum 128 – UN Regulation No. 129

Revision 3 - Amendment 7

Supplement 8 to the 02 series of amendments – Date of entry into force 5 June 2023

Uniform provisions concerning the approval of Enhanced Child Restraint Systems used on board of motor vehicles (ECRS)

This document is meant purely as documentation tool. The authentic and legal binding text is: ECE/TRANS/WP.29/2022/132.



UNITED NATIONS

* Former titles 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 (original version); 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, done at Geneva on 5 October 1995 (Revision 2).



Paragraph 6.7.2.7., amend to read:

"6.7.2.7. An adjuster mounted directly on the Enhanced Child Restraint System shall be capable of withstanding repeated operation and shall, before the dynamic test prescribed in paragraph 7.1.3. undergo a test comprising 5000 ± 5 cycles as specified in paragraph 7.2.6.1.

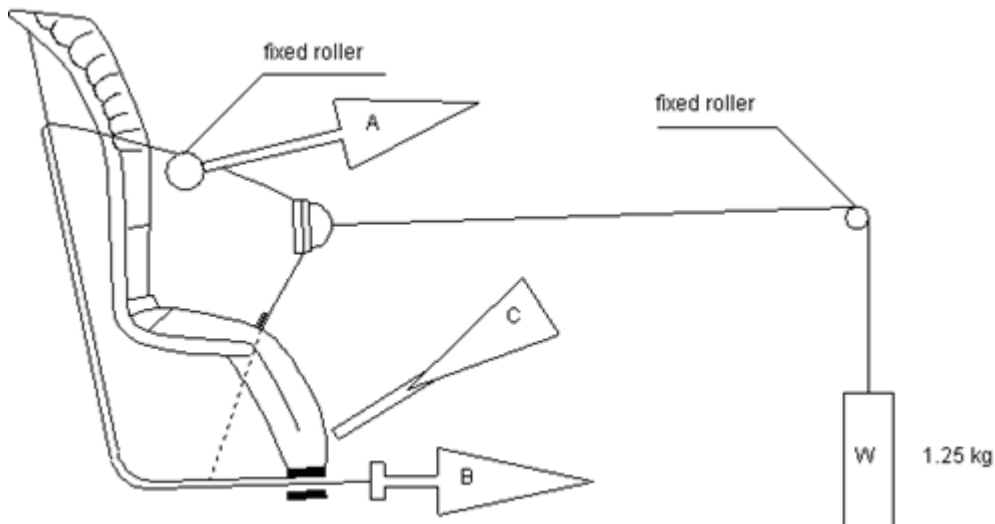
An adjuster mounted on a strap shall be capable of withstanding repeated operation and shall, before the dynamic test prescribed in paragraph 7.1.3. undergo a test comprising $5,000 \pm 5$ cycles as specified in paragraph 7.2.6.2."

Annex 15, amend to read:

"Annex 15

Description of Conditioning for Adjusters

Figure 1
Conditioning for adjusters mounted directly on Enhanced Child Restraint Systems

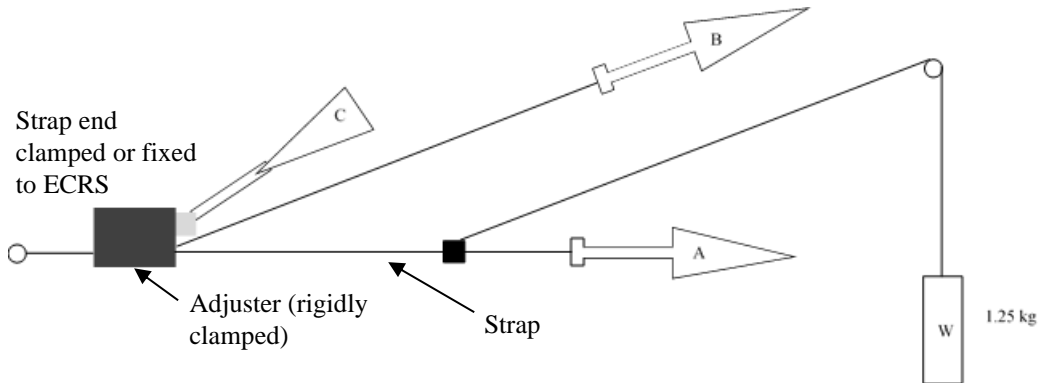


1. Conditioning for adjusters mounted directly on Enhanced Child Restraint Systems (Figure 1)
 - 1.1. Method
 - 1.1.1. With the webbing set at the reference position described in paragraph 7.2.6.1., withdraw at least 50 mm of webbing from the integral harness by pulling on the free end of the webbing.
 - 1.1.2. Attach the adjusted part of the integral harness to the pulling device A.
 - 1.1.3. Activate the adjuster (C) and pull at least 150 mm of webbing into the integral harness. This represents half of one cycle and puts pulling device A to the maximum webbing extraction position.
 - 1.1.4. Connect free end of webbing to pulling device B.
 - 1.2. The procedure of the cycle is:
 - 1.2.1. Pull B at least 150 mm while A exerts no tension on the integral harness.
 - 1.2.2. Activate the adjuster (C) and pull A while B exerts no tension on the free end of the webbing.
 - 1.2.3. At the end of stroke, de-activate the adjuster.

1.2.4. Repeat cycle as specified in paragraph 6.7.2.7. of this Regulation.

Figure 2

Conditioning for adjusters connected to a strap (not directly mounted on Enhanced Child Restraint Systems)



2. Conditioning for adjusters connected to a strap (not directly mounted on Enhanced Child Restraint Systems) (Figure 2)

2.1. Method

2.1.1. Rigidly clamp the adjuster

2.1.2. With the strap set at the reference position described in paragraph 7.2.6.2., withdraw at least 50 mm of strap from the adjuster by pulling on the free end of the strap.

2.1.3. Attach the adjuster part of the strap to the pulling device A.

2.1.4. Activate the adjuster (C) and pull at least 150 mm of strap through the adjuster. This represents half of one cycle and puts pulling device A to the maximum strap extraction position.

2.1.5. Connect the free end of the strap to pulling device B.

2.2. The cycle is:

2.2.1. Pull B at least 150 mm while A does not exert tension on the strap.

2.2.2. Activate the adjuster (C) and pull A while B does not exert tension on the free end of the strap.

2.2.3. At the end of the stroke, de-activate the adjuster.

2.2.4. Repeat the cycle as specified in paragraph 6.7.2.7. of this Regulation."