ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)
(One-hundred-and-thirty-first session,
11-14 November 2003, agenda item 4.2.10.)

DRAFT CORRIGENDUM 1 TO THE 04 SERIES OF AMENDMENTS
TO REGULATION No.16

(Safety belts)

Transmitted by the Working Party on Passive Safety (GRSP)

Note: The text reproduced below was adopted by GRSP at its thirty-third session, and is transmitted for consideration to WP.29 and to AC.1. It is based on document TRANS/WP.29/GRSP/2001/15/Rev.2/Corr.1, not amended (TRANS/WP.29/GRSP/33, para.37).

This document is a working document circulated for discussion and comments. The use of this document for other purposes is the entire responsibility of the user.
Documents are also available via the INTERNET:
Annex 17 – appendix 2,

Paragraph 4., amend to read:

"..........

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B - ISO/F2 : Reduced-Height ........
B1 - ISO/F2X: Reduced-Height Forward Facing toddler CRS
C - ISO/R3 Full-Size ........

..........

G - ISO/L2 Right Lateral Facing position CRS (carry-cot)

<table>
<thead>
<tr>
<th>Mass group</th>
<th>ISOFIX size class</th>
<th>Fixture (CRF)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – up to 10 kg</td>
<td>F</td>
<td>ISO/L1</td>
</tr>
<tr>
<td></td>
<td>G</td>
<td>ISO/L2</td>
</tr>
<tr>
<td></td>
<td>E</td>
<td>ISO/R1</td>
</tr>
<tr>
<td>0+ - up to 13 kg</td>
<td>C</td>
<td>ISO/R3</td>
</tr>
<tr>
<td></td>
<td>D</td>
<td>ISO/R2</td>
</tr>
<tr>
<td></td>
<td>E</td>
<td>ISO/R1</td>
</tr>
<tr>
<td>I - 9 to 18 kg</td>
<td>A</td>
<td>ISO/F3</td>
</tr>
<tr>
<td></td>
<td>B</td>
<td>ISO/</td>
</tr>
<tr>
<td></td>
<td>B1</td>
<td>ISO/F2X</td>
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<tr>
<td></td>
<td>C</td>
<td>ISO/R3</td>
</tr>
<tr>
<td></td>
<td>D</td>
<td>ISO/R2</td>
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</table>
Paragraphs 4.1 and 4.2, amend to read:

"4.1. Full-height forward-facing toddler child restraint systems envelope

Key

1 Limits in the forward and upwards directions
2 Dashed line marks area where a support leg, or similar, is allowed to protrude
3 N/A
4 Further specifications of the connector area is given in Regulation No. 44

Figure 1 — ISO/F3 envelope dimensions for a full-height forward-facing toddler CRS (height 720 mm) - ISOFIX SIZE CLASS A
4.2. Reduced-height forward-facing toddler child restraint systems envelope

Key

1. Limits in the forward and upwards directions
2. Dashed line marks area where a support leg, or similar, is allowed to protrude
3. N/A
4. Further specifications of the connector area is given in Regulation No. 44

**Figure 2** – ISO/F2 envelope dimensions for a reduced-height forward-facing toddler CRS, (height 650 mm) – ISOFIX SIZE CLASS B
4.3. Reduced-height second version back shape forward-facing toddler child restraint systems envelope

Key
1 Limits in the forward and upwards directions
2 Dashed line marks area where a support leg, or similar, is allowed to protrude
3 N/A
4 Further specifications of the connector area is given in Regulation No. 44

Figure 3 – ISO/F2X envelope dimensions for a reduced-height second version back surface shape forward-facing toddler CRS, (height 650 mm) – ISOFIX SIZE CLASS B1
Paragraphs 4.3. to 4.6. (former), renumber as paragraphs 4.4. to 4.7., and amend to read:

"4.4. Full-size rearward facing toddler child restraint system envelope

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**Key**

1. Limits in the rearward and upwards directions
2. Dashed line marks area where a support leg, or similar, is allowed to protrude
3. The backwards limitation (to the right in the figure) is given by the forward-facing envelope in Figure 2
4. Further specifications of the connector area is given in Regulation No. 44

**Figure 4** – ISO/R3 envelope dimensions for a full-size rearward-facing toddler CRS – ISOFIX SIZE CLASS C
4.5. Reduced-size rearward-facing toddler child restraint systems envelope

Key
1 Limits in the rearward and upwards directions
2 Dashed line marks area where a support leg, or similar, is allowed to protrude
3 The backwards limitation (to the right in the figure) is given by the forward-facing envelope in Figure 2
4 Further specifications of the connector area is given in Regulation No. 44

Figure 5 – ISO/R2 envelope dimensions for a reduced-size rearward-facing toddler CRS – ISOFIX SIZE CLASS D
4.6. Rearward facing infant child restraint systems envelope

Figure 3 RF 1 Revised

Key
1. Limits in the rearward and upward directions
2. Dashed line marks area where a support leg, or similar, is allowed to protrude
3. The backwards limitation (to the right in the figure) is given by the forward-facing envelope in Figure 2
4. Further specifications of the connector area is given in Regulation No. 44

Figure 6 – ISO/R1 envelope dimensions for an infant-size rearward-facing CRS – ISOFIX SIZE CLASS E
4.7. Lateral facing child restraint systems envelope

Key
1. Limits in the rearward and upward directions
2. Dashed line marks area where a support leg, or similar, is allowed to protrude
3. The backward limitation (to the right in the figure) is given by the forward-facing envelope in Figure 2
4. Further specifications of the connector area is given in ISO 13216-1, Figures 2 and 3

Figure 7 – Envelop dimensions for lateral facing position CRS - ISO/L1-ISOFIX SIZE CLASS F or symmetrically opposite – ISO/L2 – ISOFIX CLASS G
Annex 17, appendix 3 (new), table 2, amend to read (note (1) and key of letters to be inserted in the table remains):

"Table 2

<table>
<thead>
<tr>
<th>Mass Group</th>
<th>Size class</th>
<th>Fixture</th>
<th>Vehicle ISOFIX positions</th>
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<td></td>
<td></td>
<td>Front Passenger</td>
<td>Rear Outboard</td>
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<tr>
<td>carrycot</td>
<td>F</td>
<td>ISO/L1</td>
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<td></td>
<td>G</td>
<td>ISO/L2</td>
<td></td>
</tr>
<tr>
<td>0 - up to 10 Kg</td>
<td>E</td>
<td>ISO/R1</td>
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<td></td>
<td></td>
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<tr>
<td>0+ - up to 13 kg</td>
<td>E</td>
<td>ISO/R1</td>
<td></td>
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<tr>
<td></td>
<td>D</td>
<td>ISO/R2</td>
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<td>ISO/R3</td>
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<tr>
<td>1 – 9 to 18 kg</td>
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<td>II – 15 to 25 kg</td>
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<tr>
<td>III – 22 to 36 kg</td>
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<td>(1)</td>
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</table>