ECONOMIC COMMISSION FOR EUROPE

INLAND TRANSPORT COMMITTEE

World Forum for Harmonization of Vehicle Regulations (WP.29)

Working Party on Passive Safety (GRSP)
(Thirty-second session, 10-13 December 2002, agenda item B.1.2.)

PROPOSAL FOR DRAFT AMENDMENTS TO REGULATION No. 16
(Safety-belts)

Transmitted by the Expert from Japan

Note: The text reproduced below was prepared by the expert from Japan in order to introduce in Regulation No. 16 (safety-belt requirements) mandatory equipment of three-point belts for the rear outboard seats in N1 category vehicles.

________________________________

Note: This document is distributed to the Experts on Passive Safety only.
A. PROPOSAL

Paragraphs 8.1.7. to 8.1.8.3., should be deleted

Paragraphs 8.1.9. to 8.1.12. (former), renumber as paragraphs 8.1.7. to 8.1.10.

Paragraph 8.1.10. (former), amend the reference to paragraph “8.1.11.” to read “8.1.9.”

Paragraph 8.1.11. (former), amend the reference to paragraph “8.1.10.” to read “8.1.8.”
### Annex 16

**MINIMUM REQUIREMENTS FOR SAFETY-BELTS AND RETRACTORS**

<table>
<thead>
<tr>
<th>Vehicle Category</th>
<th>Forward facing seating positions</th>
<th>Rear facing seating positions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Outboard seating positions</td>
<td>Centre seating position</td>
</tr>
<tr>
<td></td>
<td>Front</td>
<td>Other than front</td>
</tr>
<tr>
<td>M1</td>
<td>Ar4m</td>
<td>Ar4m</td>
</tr>
<tr>
<td>M2 ≤ 3.5 t</td>
<td>Ar4m, Ar4Nm</td>
<td>Ar4m</td>
</tr>
<tr>
<td>M2 &gt; 3.5 t</td>
<td>Br3, Br4m, Br4Nm, or Ar4m or Ar4Nm</td>
<td>Br3, Br4m, Br4Nm, or Ar4m or Ar4Nm</td>
</tr>
<tr>
<td>N3</td>
<td>See para. 8.1.9. for conditions when a lap belt is permitted</td>
<td>See para. 8.1.9. for conditions when a lap belt is permitted</td>
</tr>
<tr>
<td>N1</td>
<td>Ar4m, Ar4Nm</td>
<td>Ar4m</td>
</tr>
<tr>
<td>N2</td>
<td>B, Br3, Br4m, Br4Nm or A, Ar4m, Ar4Nm</td>
<td>B, Br3, Br4m, Br4Nm, or A, Ar4m, Ar4Nm</td>
</tr>
<tr>
<td>N3</td>
<td>Para. 8.1.6. lap belt permitted if the windscreen is outside the reference zone and for the driver's seat.</td>
<td>Para. 8.1.6. lap belt permitted if the windscreen is outside the reference zone.</td>
</tr>
</tbody>
</table>

**Note:** In all cases S-type belts may be fitted in place of an A or B type belt, provided anchorages complying with Regulation 14 are used.

A: three-point (lap and diagonal) belt  
B: 2-point (lap) belt  
r: retractor  
m: emergency locking retractor with multiple sensitivity 
3: automatically locking retractor  
4: emergency locking retractor  
N: higher response threshold

*: Refers to para. 8.1.6. of this annex

See para. 8.1.9. for conditions when a lap belt is permitted

(Refers to para. 8.1.9. of this annex)
B. JUSTIFICATION

See the justification of document TRANS/WP.29/GRSP/2002/16.