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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."

MINIMUM REQUIREMENTS FOR SAFETY-BELTS AND RETRACTORS

Vehicle Category	Forward facing seating positions				Rear facing Seating positions
	Outboard seating positions		Centre seating position		
	Front	Other than front	Front	Other than front	
M1	Ar4m	Ar4m	Ar4m	Ar4m	B, Br3, Br4m
M2 ≤ 3.5 t	Ar4m, Ar4Nm	Ar4m, Ar4Nm	Ar4m, Ar4Nm	Ar4m, Ar4Nm	Br3, Br4m, Br4Nm
M2 > 3.5 t	Br3, Br4m, Br4Nm, or Ar4m or Ar4Nm ●	Br3, Br4m, Br4Nm, or Ar4m or Ar4Nm ●	Br3, Br4m, Br4Nm or Ar4m or Ar4Nm ●	Br3, Br4m, Br4Nm or Ar4m or Ar4Nm ●	Br3, Br4m, Br4Nm
M3	See para. 8.1.9. for conditions when a lap belt is permitted	See para. 8.1.9. for conditions when a lap belt is permitted	See para. 8.1.9. for conditions when a lap belt is permitted	See para. 8.1.9. for conditions when a lap belt is permitted	
N1	Ar4m, Ar4Nm	Ar4m, Ar4Nm	B, Br3, Br4m, Br4Nm or Br4Nm, Ar4Nm *	B, Br3, Br4m, Br4Nm	B, Br3, Br4m, Br4Nm
			Para. 8.1.6. lap belt permitted if the windscreen is not in the reference zone.		
N2 N3	B, Br3, Br4m, Br4Nm or A, Ar4m, Ar4Nm *	B, Br3, Br4m, Br4Nm	B, Br3, Br4m, Br4Nm, or A, Ar4m, Ar4Nm *	B, Br3, Br4m, Br4Nm	B, Br3, Br4m, Br4Nm
	Para. 8.1.6. lap belt permitted if the windscreen is outside the reference zone and for the driver's seat.		Para. 8.1.6. lap belt permitted if the windscreen is not in the reference zone.		

A: three-point (lap and diagonal) belt B: 2-point (lap) belt r: retractor m: emergency locking retractor with multiple sensitivity (see Regulation No. 16, paras. 2.14.3. and 2.14.5.)
 3: automatically locking retractor 4: emergency locking retractor N: higher response threshold
 *:Refers to para. 8.1.6. of this annex ●:(refers to para. 8.1.9. of this annex)

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."

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B. JUSTIFICATION

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