

GRVA-15-17

Proposal for a supplement to the 12 series of amendments to UN Regulation No. 13 (Heavy vehicle braking)

Scope of amendment and affected sections and paragraphs

Workshop in Brussels – March 29th/30th

Electromechanical Brakes (EMB)



- GRVA-15-17 is a proposal for a supplement to the 12 series of amendments to UN Regulation No. 13 (Heavy vehicle braking)
- Contains 27 pages: 14 pages of UN R13 supplements and 13 pages Justification
- Supplement aims to amend following parts

0	Para 2	Definitions	1 page
0	Para 5	Specifications	7 pages
0	Annex 2	Communication concerning the approval	½ page
0	Annex 4	Braking tests and performance of braking systems	1 page
0	Annex 7	Provisions relating to energy sources and energy storage devined new part D	vices 4 pages
0	Annex 8	Provisions relating to specific conditions for spring braking systems → exclusion of EMB change in title only	
0	Annex 13	Test requirements for vehicles fitted with anti-lock systems	½ page

Electromechanical Brakes (EMB)



- Main body includes
 - Definitions:
 2 modified and 8 new definitions
 - Specifications:
 - 5.1.4. Provisions for the periodic technical inspection (PTI) of braking systems (data and reference braking forces)
 - 5.2.1 Characteristics of braking systems for Vehicles of categories M2, M3 and N
 - Seamless integration of EMB-requirements with same safety level e.g. two braking circuits, failure response, warning (
 - Current 5.2.1.27 "Special additional requirements for service braking systems with electric control transmission" has been amended by "except electro-mechanical braking system"
 - New 5.2.1.35. "Special additional requirements for service braking systems with electromechanical braking system with electric transmission" (3,5 pages)



