



PTI provisions for Electromechanical Braking (EMB)

UN REG 13 & 13-H

22nd GRVA

02-05 June 2025 – UNESCAP Bangkok, Thailand

Alejandro Checa
CITA Technical Director

Last GRVA meeting in January (Geneva) :

CITA presented **UN Reg 13 & 13-H amendment** through 2 formal documents:

(CITA) Proposal for amendments to UN Regulation No. 13 (Heavy Vehicle Braking) | UNECE

(CITA) Proposal for amendments to UN Regulation No. 13-H (Braking of passenger cars) | UNECE

Paragraph 5.1.4.4.1.1., amend to read:

5.1.4.4.1.1. It shall be possible to evaluate the relationship between the brake demand value(s) and the measured braking force on a roller brake tester. The brake demand value(s) shall be displayed on the vehicle and easily readable from the driver's seat during the roller brake test (e.g., using a menu system, automatic demand, etc.). **Additionally, it shall be possible to read and record the brake demand value(s) through the On-Board Diagnostics (OBD) connector using a scan tool.** The vehicle manufacturer shall describe how to display **and access** those values and make this information available according to paragraph 5.2.4.4.1. ~~above~~ **below**.

CITA proposal

- Need for **harmonization** of braking system tests.
- **No exclusion** of countries using one other method.
- Improvement to allow all countries currently using the data available via the OBD to still benefit from this information **without any additional investment**.

Clarifications

- Current **proposal not new** but consists of an improvement of the existing one.
- OBD **scan-tool already implemented in PTI** with **no cybersecurity risks**.
- Amendment introduction = **best time** before future technology are on the roads.

POSITIVE Reactions from Contracting Parties

European Commission, Slovakia, Germany, Spain and the Netherlands provided full support.

FUTURE proposal

Following the last GRVA meeting, CITA has taken into account the various comments from the contracting parties. CITA proposes to postpone its future proposal to September 2025. All contracting parties who have expressed interest in this proposal will be informed individually before publication on the UNECE page.



Thank you for your attention!

Alejandro Checa
CITA Technical Director
a.checa@citainsp.org

www.citainsp.org

Rue du Commerce 123 - 1000 Brussels, Belgium

+32 (0)2 469 06 70

secretariat@citainsp.org