

PROPOSAL TO AMEND UNECE REGULATION 13  
(Braking)

Transmitted by the Expert from the United Kingdom

A. PROPOSAL

Paragraph 5.2.2.18. amend to read:

“5.2.2.18. In addition to the requirements specified in paragraph 5.1.3.6. above, the electrical power supplied by the ISO 7638: 1997<sup>1/</sup> connector may be used for other braking and running gear functions, provided that the braking system is protected from an overload external to the braking system. This protection shall be a function of the braking system.”

B. JUSTIFICATION

Paragraph 5.1.3.6. states that “The power supply, provided by the ISO 7638 connector, shall be used exclusively for braking and running gear functions. The power for all other functions shall use other measures.” but paragraph 5.2.2.18. allows power to “be used for non-braking system/function,”.

This line in paragraph 5.2.2.18. is being interpreted by some brake system manufacturers and approval authorities as allowing power to be used for ANY other purpose e.g. GPS systems, security devices and door closing systems. It was not the intention of GRRF to allow systems, which were not braking or running gear to be powered via the ISO 7638 connector when this paragraph was introduced.

Paragraph 5.1.3.6. specified the basic requirement that a dedicated power supply must be provided for the ABS or EBS through the ISO 7638 connector. Paragraph 5.2.2.18. is there to ensure that the power to the braking system is protected in the event of an external overload caused by the use of other braking or running gear functions.

This amendment will ensure a uniform understanding of the intention of the regulation by system manufacturers and type approval authorities.

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