

Proposal for amendments to UN Regulation No. 152 (Advanced Emergency Braking System M₁-N₁)

Proposed amendments are indicated in bold for new characters, and strikethrough for deleted characters

I. Proposal

Paragraph 5.4.1.1., amend to read:

“5.4.1.1 The AEBS function shall be automatically reinstated at the initiation of each new ~~engine start/run cycle~~ **engine start (or run cycle, as relevant)**.

This requirement does not apply when a new ~~engine start/run cycle~~ **engine start (or run cycle, as relevant)** is performed automatically, e.g. the operation of a stop/start system.”

II. Justification

1. The interpretation of “engine start/run cycle” tabled by OICA per document GRVA-13-33 was endorsed by GRVA at their 13th session in May 2022 (see paragraph 78 of the official report GRVA-13).
2. Paragraph 78 of the report reads: “*GRVA supported the interpretation 1 referred to in that document and requested that proper attention is given to the French translation of the corresponding text in the Regulation*”.
3. Interpretation 1 reads: “*new ‘engine start’ / ‘run cycle’ = AEBS shall be reinstated at each new ‘engine start’ or new ‘run cycle’, at the choice of the manufacturer*”.
4. The wording proposed in bold characters aligns the text of the regulation on that interpretation. This should be applicable to all the versions of the regulation.
5. A parallel document proposes amendments to UN R131 in order to keep the two regulations well aligned.