



## EUROPEAN COMMISSION

DIRECTORATE-GENERAL FOR INTERNAL MARKET, INDUSTRY, ENTREPRENEURSHIP  
AND SMES

Ecosystems III: Construction, Machinery and Standardisation

**H.2 – Machinery & Equipment**

Brussels, 18 January 2025

### **APPLICATION OF EMC DIRECTIVE AND/OR EU LEGISLATION ON VEHICLES**

#### **(FOR VEHICLE EQUIPMENT)**

The purpose of this document is to provide, in its attached Table, guidance on whether, with respect to electromagnetic compatibility, vehicle equipment needs to comply with:

- EU legislation on vehicles [Regulation (EU) 2018/858 that concerns motor vehicles and trailers, Regulation (EU) No 167/2013 that concerns agricultural and forestry tractors and Regulation (EU) No 168/2013 that concerns two or three-wheel motor vehicles]<sup>1</sup>; or
- Directive 2014/30/EU on Electromagnetic Compatibility, hereinafter referred to as ‘EMCD’.

The above question was raised because Article 2(3) of the EMCD provides that if the electromagnetic requirements for equipment are wholly or partly laid down more specifically by other EU legislation, the EMCD shall not apply or shall cease to apply. Directive 2014/53/EU on Radio Equipment does not include a similar exception, hence the attached Table does not make reference to that Directive.

This document, which is not a legally binding document in the sense of a legal act, was endorsed by the EMC Working Party (E01341)<sup>2</sup>. It is highlighted that the purpose of this document is to deal only with the above question. Hence, this document does not constitute a complete guidance on the scope and applicability of the above-mentioned EU legislation (EU legislation on vehicles and EMCD) and is without prejudice to any other exceptions that are set out in that legislation.

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<sup>1</sup>UNECE Regulation 10 ‘Uniform provisions concerning the approval of vehicles with regard to electromagnetic compatibility’ (its text is published in OJ L 41, 17.2.2017, p. 1) is in force in the EU via: Regulation (EU) 2018/858; Commission Delegated Regulation (EU) 2015/208, supplementing Regulation (EU) No 167/2013; and Commission Delegated Regulation (EU) No 44/2014, supplementing Regulation (EU) No 168/2013.

<sup>2</sup> The version was endorsed by the EMC WP 32 on 13 December 2024.

**TABLE**

Category	Category description	EU legislation on vehicles - approval is required -	Directive 2014/30/EU (EMCD) - EU Declaration of Conformity (DoC) is required -
A	Vehicles of categories L, M, N, T and O (and equipment forming part of those vehicles), if they fall within the scope of the EU legislation on vehicles	Yes	No
B	Equipment brought to the market as spare parts if it is: <ul style="list-style-type: none"> <li>– intended for the original vehicle;</li> <li>– obviously marked as a spare part by an identification number; and</li> <li>– identical and from the same manufacturer as the corresponding original equipment manufacturer (OEM) part for an already type-approved vehicle</li> </ul> <p><i>[paragraph 3.2.8 of UNECE Regulation 10]</i></p>	No	No
C	Aftermarket equipment if it: <ul style="list-style-type: none"> <li>– falls within the scope of the EU legislation on vehicles;</li> <li>– is within the scope of UNECE Regulation 10 (see below the diagram);</li> <li>– is related to functions described in <i>paragraph 2.12 of UNECE Regulation 10</i>; and</li> <li>– does not fall under category B (above)</li> </ul>	Yes	No
D	Aftermarket equipment if it: <ul style="list-style-type: none"> <li>- is intended for the installation in motor vehicles and is not related to functions described in paragraph 2.12 of UNECE Regulation 10 (this ident reflects the wording of paragraph 3.2.9 of UNECE Regulation 10);</li> <li>and</li> <li>- does not fall under category B (above)</li> </ul>	No	Yes  <p><i>[the DoC must show that there is respect of the limits in paragraph 3.2.9 of UNECE Regulation 10]</i></p>

E	<p>Equipment not stipulated in A, B, C, D (above)</p> <p>Example: Devices not stipulated in A, B, C, D (above) that can be connected to USB ports or cigarette lighter socket, in vehicles (e.g. car air freshener designed to be plugged in such socket)</p>	No	Yes
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## DIAGRAM

In order to assess whether aftermarket electrical equipment falls within the scope of UNECE Regulation 10, which corresponds to category C or D of the Table, the following diagram shall be used.

