

## [<sup>F1</sup>ANNEX I

### REQUIREMENTS TO BE MET BY VEHICLES AND ELECTRICAL/ ELECTRONIC SUBASSEMBLIES FITTED TO A VEHICLE

#### Textual Amendments

- F1** Substituted by [Commission Directive 2004/104/EC](#) of 14 October 2004 adapting to technical progress Council Directive 72/245/EEC relating to the radio interference (electromagnetic compatibility) of vehicles and amending Directive 70/156/EEC on the approximation of the laws of the Member States relating to the type-approval of motor vehicles and their trailers (Text with EEA relevance).

#### 4. TYPE-APPROVAL

##### 4.1. Routes to type-approval

##### 4.1.1. Type-approval of a vehicle

The following alternative routes to type-approval of a vehicle may be used at the discretion of the vehicle manufacturer.

##### 4.1.1.1. Approval of a vehicle installation

A vehicle installation may achieve type-approval directly by following the provisions laid down in the relevant parts of paragraph 6 of this Annex. If this route is chosen by a vehicle manufacturer, no separate testing of electrical/electronic systems or ESAs is required.

##### 4.1.1.2. Approval of vehicle type by testing of individual ESAs

A vehicle manufacturer may obtain approval for the vehicle by demonstrating to the approval authority that all the relevant (see paragraph 3.1.3 of this Annex) electrical/electronic systems or ESAs have individually been approved in accordance with this Directive and have been installed in accordance with any conditions attached thereto.

- 4.1.1.3. A manufacturer, if he/she wishes, may obtain approval according to this Directive if the vehicle has no equipment of the type which is subject to immunity or emission tests. Such approvals do not require testing.

##### 4.1.2. Type-approval of an ESA

Type-approval may be granted to an ESA to be fitted either to any vehicle type (component approval) or to a specific vehicle type or types requested by the ESA manufacturer (separate technical unit approval).

- 4.1.3. ESAs, which are intentional RF transmitters, which have not received type-approval in conjunction with a vehicle manufacturer, must be supplied with suitable installation guidelines.

##### 4.2. Granting of type-approval

##### 4.2.1. Vehicle

- 4.2.1.1. If the representative vehicle fulfils the requirements of this Directive, EC type-approval pursuant to Article 4(3), and if applicable, Article 4(4) of Directive 70/156/EEC shall be granted.

- 4.2.1.2. A model for the EC type-approval certificate is given in Annex III A.

---

*Status: EU Directives are being published on this site to aid cross referencing from UK legislation. After IP completion day (31 December 2020 11pm) no further amendments will be applied to this version.*

---

#### 4.2.2. ESA

4.2.2.1. If the representative ESA system(s) fulfil(s) the requirements of this Directive, EC type-approval pursuant to Article 4(3), and if applicable, Article 4(4) of Directive 70/156/EEC shall be granted.

4.2.2.2. A model for the EC type-approval certificates is given in Annex III B.

4.2.3. In order to draw up the certificates referred to in paragraph 4.2.1.2 or 4.2.2.2, the competent authority of the Member State granting the approval may use a report prepared by a test laboratory accredited to ISO 17025 and recognised by the Approval Authority.

#### 4.3. Amendments to approvals

4.3.1. In the case of amendments to approvals granted pursuant to this Directive, the provisions of Article 5 of Directive 70/156/EEC shall apply.

##### 4.3.2. Amendment of a vehicle type-approval by ESA addition or substitution

4.3.2.1. Where a vehicle manufacturer has obtained approval for a vehicle installation and wishes to fit an additional or substitutional electrical/electronic system or ESA which has already received approval pursuant to this Directive, and which will be installed in accordance with any conditions attached thereto, the vehicle approval may be amended without further testing. The additional or substitutional electrical/electronic system or ESA shall be considered as part of the vehicle for conformity of production purposes.

4.3.2.2. Where the additional or substitutional part(s) has (have) not received approval pursuant to this Directive, and if testing is considered necessary, the whole vehicle shall be deemed to comply if the new or revised part(s) can be shown to comply with the relevant requirements of paragraph 6 or if, in a comparative test, the new part can be shown not to be likely to adversely affect compliance of the vehicle type.

4.3.3. The addition of used ESAs, which are not type-approved according to this Directive because at their first time of installation no type-approval was required, shall not invalidate the type-approval if the installation of such used ESAs is done according to the recommendations of the ESA and vehicle manufacturer.]