[F1ANNEX II A

Information document No ... pursuant to Annex I to Directive 70/156/EEC(1) relating to EC type-approval of a vehicle with respect to electromagnetic compatibility (72/245/EEC), as last amended by [X1Directive 2004/104/EC]

Editorial Information

X1 Substituted by Corrigendum to 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 (Official Journal of the European Union L 337 of 13 November 2004).

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).

The following information, if applicable, must be supplied in triplicate and must include a list of contents. Any drawings must be supplied in appropriate scale and in sufficient detail on size A4 or on a folder of A4 format. Photographs, if any, must show sufficient detail.

If the systems, component or separate technical units have electronic controls, information concerning their performance must be supplied.

0. GENERAL

0.1. Make (trade name of manufacturer):

0.2. Type:

0.4. Category of vehicle (c):

0.5. Name and address of manufacturer:

Name and address of authorised representative, if any:

0.8. Address(es) of assembly plant(s):

1. GENERAL CONSTRUCTION CHARACTERISTICS OF THE VEHICLE

1.1. Photograph(s) and/or drawing(s) of a representative vehicle:

1.6. Position and arrangement of the engine:

3. POWER PLANT (q)

3.1. Manufacturer:

3.1.1. Manufacturer's engine code as marked on the engine:

3.2. Internal combustion engine

3.2.1.1. Working principle: positive ignition/compression ignition, four-stroke/two stroke(2)

3.2.1.2. Number and arrangement of cylinders:

3.2.4. Fuel feed

3.2.4.2. By fuel injection (compression ignition only): yes/no[(2)]

3.2.4.2.9. Electronic control unit

3.2.4.2.9.1. Make(s):

3.2.4.2.9.2. Description of the system:

3.2.4.3. By fuel injection (positive ignition only): yes/no[(2)]

3.2.5. Electrical system

3.2.5.1. Rated voltage: … V, positive/negative ground[(2)]

3.2.5.2. Generator

3.2.5.2.1. Type:

3.2.6. Ignition

3.2.6.1. Make(s):

3.2.6.2. Type(s):

3.2.6.3. Working principle:

3.2.15. LPG fuelling system: yes/no[(2)]

3.2.15.2. Electronic engine management control unit for LPG fuelling

3.2.15.2.1. Make(s):

3.2.15.2.2. Type(s):

3.2.16. NG fuelling system: yes/no[(2)]

3.2.16.2. Electronic engine management control unit for NG fuelling

3.2.16.2.1. Make(s):

3.2.16.2.2. Type(s):

3.3. Electric motor

3.3.1. Type (winding, excitation):

3.3.1.2. Operating voltage:

3.9. GAS FUELLED ENGINES (in the case of systems laid-out in a different manner, supply equivalent information)

3.9.7. Electronic control unit (ECU)

3.9.7.1. Make(s):

3.9.7.2. Type(s):

4. TRANSMISSION ([V])

4.2. Type (mechanical, hydraulic, electric, etc.):

4.2.1. A brief description of the electrical/electronic components (if any):

6. SUSPENSION

6.2.2. A brief description of the electrical/electronic components (if any):

7. STEERING

7.2.2.1. A brief description of the electrical/electronic components (if any):

8. BRAKES

8.5. Anti-lock braking system: yes/no/optional[(2)]

8.5.1. For vehicles with anti-lock systems, description of system operation (including any electronic parts), electric block diagram, hydraulic or pneumatic circuit plan:

9. BODYWORK

9.1. Type of bodywork:

9.2. Materials used and methods of construction:

9.5. Windscreen and other windows

9.5.2.3. A brief description of the electrical/electronic components (if any) of the window-lifting mechanism:

9.9. Rear-view mirrors (state for each mirror)

9.9.7. A brief description of the electronic components (if any) of the adjustment system:

9.12. Safety belts and/or other restraint systems:

9.12.4. A brief description of the electrical/electronic components (if any):

9.18. Suppression of radio interference

9.18.1. Description and drawings/photographs of the shapes and constituent materials of the part of the body forming the engine compartment and the part of the passenger compartment nearest to it:

9.18.2. Drawings or photographs of the position of the metal components housed in the engine compartment (e.g. heating appliances, spare wheel, air filter, steering mechanism, etc.):

9.18.3. Table and drawing of radio interference control equipment:

9.18.4. Particulars of the nominal value of the direct current resistance and, in the case of resistive ignition cables, of their nominal resistance per metre:

10. LIGHTING AND LIGHT-SIGNALLING DEVICES

10.5. A brief description of electrical/electronic components other than lamps (if any):

12. MISCELLANEOUS

12.2. Devices to prevent unauthorised use of the vehicle

12.2.3. A brief description of the electrical/electronic components (if any):

12.7. Table of installation and use of RF transmitters in the vehicle(s), if applicable (see Annex I, 3.1.8.):

frequency bands (Hz)	max. output power (W)	antenna position at vehicle, specific conditions for installation and/or use

The applicant for type-approval must also supply, where appropriate:

Appendix 1

A list (with make(s) and type(s) of all electrical and/or electronic components concerned by this Directive (see paragraphs 2.1.9. and 2.1.10. of Annex I) and not previously listed.

Appendix 2

Schematics or drawing of the general arrangement of electrical and/or electronic components (concerned by this Directive) and the general wiring harness arrangement.

Appendix 3

Description of vehicle chosen to represent the type

Body style:

Left or right-hand drive:

Wheelbase:

Appendix 4

Relevant test report(s) supplied by the manufacturer from a test laboratory accredited to ISO 17025 and recognised by the Approval Authority for the purpose of drawing up the type-approval certificate.**]**

(**1**) **[**[F1]The item numbers and footnotes used in this information document correspond to those set out in Annex I to Directive 70/156/EEC. Items not relevant for the purpose of this Directive are omitted.

(**2**) Delete where not applicable.**]**

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