
Changes to legislation: There are outstanding changes not yet made to Commission Regulation (EU) No 347/2012. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

ANNEX I

Standard information document and EC type-approval certificate for the type-approval of motor vehicles with regard to AEBS

PART 1

Information document

MODEL

Information document No ... relating to the EC type-approval of a type of vehicle with regard to advanced emergency braking systems (AEBS).

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

If the systems, components or separate technical units referred to in Annex I to Regulation (EU) No 347/2012 have electronic controls, information concerning their performance shall be supplied.

0. GENERAL
- 0.1. Make (trade name of manufacturer): ...
- 0.2. Type: ...
 - 0.2.0.1. Chassis: ...
 - 0.2.0.2. Bodywork/complete vehicle: ...
- 0.2.1. Commercial name(s) (if available): ...
- 0.3. Means of identification of type, if marked on the vehicle⁽¹⁾: ...
 - 0.3.0.1. Chassis: ...
 - 0.3.0.2. Bodywork/complete vehicle: ...
- 0.3.1. Location of that marking: ...
 - 0.3.1.1. Chassis: ...
 - 0.3.1.2. Bodywork/complete vehicle: ...
- 0.4. Category of vehicle⁽²⁾: ...
- 0.5. Name and address of manufacturer: ...
- 0.6. Location and method of attachment of statutory plates and location of vehicle identification number: ...
 - 0.6.1. On the chassis: ...
 - 0.6.2. On the bodywork: ...
- 0.8. Name(s) and address(es) of assembly plant(s)
- 0.9. Name and address of the manufacturer's representative (if any): ...

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1. GENERAL CONSTRUCTION CHARACTERISTICS OF THE VEHICLE
 - 1.1. Photographs and/or drawings of a representative vehicle: ...
 - 1.2. Dimensional drawing of the whole vehicle: ...
 - 1.3. Number of axles and wheels: ...
 - 1.3.1. Number and position of axles with twin wheels: ...
 - 1.3.2. Number and position of steered axles: ...
 - 1.3.3. Powered axles (number, position, interconnection): ...
2. MASSES AND DIMENSIONS⁽³⁾⁽⁴⁾
(in kg and mm) (Refer to drawing where applicable)
 - 2.1. Wheelbase(s) (fully loaded)⁽⁵⁾
 - 2.1.1. Two axle vehicles: ...
 - 2.1.1.1. Vehicles with three or more axles
 - 2.3. Axle track(s) and width(s)
 - 2.3.1. Track of each steered axle⁽⁶⁾: ...
 - 2.3.2. Track of all other axles⁽⁶⁾: ...
 - 2.3.4. Width of the foremost axle (measured at the outermost part of the tyres excluding the bulging of the tyres close to the ground): ...
 - 2.4. Range of vehicle dimensions (overall)
 - 2.4.1. For chassis without bodywork
 - 2.4.1.1. Length⁽⁷⁾: ...
 - 2.4.1.1.1. Maximum permissible length: ...
 - 2.4.1.1.2. Minimum permissible length: ...
 - 2.4.1.2. Width⁽⁸⁾: ...
 - 2.4.1.2.1. Maximum permissible width: ...
 - 2.4.1.2.2. Minimum permissible width: ...
 - 2.4.2. For chassis with bodywork
 - 2.4.2.1. Length⁽⁷⁾: ...
 - 2.4.2.1.1. Length of the loading area: ...
 - 2.4.2.2. Width⁽⁸⁾: ...
 - 2.4.3. For bodywork approved without chassis (vehicles M₂ and M₃)
 - 2.4.3.1. Length⁽⁷⁾: ...

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2.4.3.2. Width⁽⁸⁾: ...

2.6. Mass in running order

Mass of the vehicle with bodywork and, in the case of a towing vehicle of category other than M₁, with coupling device, if fitted by the manufacturer, in running order, or mass of the chassis or chassis with cab, without bodywork and/or coupling device if the manufacturer does not fit the bodywork and/or coupling device (including liquids, tools, spare wheel, if fitted, and driver and, for buses and coaches, a crew member if there is a crew seat in the vehicle)⁽⁹⁾ (maximum and minimum for each variant): ...

4.7. Maximum vehicle design speed (in km/h)ⁿ⁽¹⁰⁾: ...

8. BRAKES

(The following particulars, including means of identification, where applicable, are to be given)

8.1. Type and characteristics of the brakes as defined in point 1.6 of Annex I to Council Directive 71/320/EEC⁽¹¹⁾ including details and drawings of the drums, discs, hoses make and type of shoe/pad assemblies and/or linings, effective braking areas, radius of drums, shoes or discs, mass of drums, adjustment devices, relevant parts of the axle(s) and suspension: ...

8.2. Operating diagram, description and/or drawing of the braking system described in point 1.2 of Annex I to Directive 71/320/EEC including details and drawings of the transmission and controls: ...

8.2.1. Service braking system: ...

8.2.2. Secondary braking system: ...

8.2.4. Any additional braking system: ...

8.3. Control and transmission of trailer braking systems in vehicles designed to tow a trailer: ...

8.4. Vehicle is equipped to tow a trailer with electric/pneumatic/hydraulic⁽¹²⁾ service brakes: yes/no⁽¹²⁾

8.5. Anti-lock braking system

8.5.1. description of system operation (including any electronic parts), electric block diagram, hydraulic or pneumatic circuit plan: ...

8.6. Calculation and curves according to the Appendix to point 1.1.4.2 of the Appendix to Annex II to Directive 71/320/EEC or to the Appendix to Annex XI thereto, if applicable: ...

8.7. Description and/or drawing of the energy supply, also to be specified for power-assisted braking systems: ...

8.7.1. In the case of compressed-air braking systems, working pressure p₂ in the pressure reservoir(s): ...

8.7.2. In the case of vacuum braking systems, the initial energy level in the reservoir(s): ...

13. SPECIAL PROVISIONS FOR BUSES AND COACHES

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13.1. Class of vehicle: Class III/Class B⁽¹²⁾

Explanatory notes

PART 2 MODEL(maximum format: A4 (210 × 297 mm))EC TYPE-APPROVAL CERTIFICATE

Stamp of type-approval authority

Communication concerning:

- EC type-approval⁽¹³⁾
- Extension of EC type-approval⁽¹³⁾
- Refusal of EC type-approval⁽¹³⁾
- Withdrawal of EC type-approval⁽¹³⁾

of a type of vehicle with regard to advanced emergency braking systems (AEBS)

with regard to Commission Regulation (EU) No 347/2012 as amended and complying with approval level 1⁽¹³⁾/approval level 2⁽¹³⁾

EC type-approval Number:

Reason for extension:

SECTION I0.1.

Make (trade name of manufacturer):

0.2.

Type:

0.2.1.Commercial name(s) (if available)0.3.Means of identification of type if marked on the vehicle0.3.1.

Location of that marking:

0.4.

Category of vehicle⁽¹⁵⁾:

0.5.

Name and address of manufacturer:

0.8.

Names and address(es) of assembly plant(s):

0.9.Representative of the manufacturerSECTION III.

Additional information (where applicable): See Addendum

2.

Technical service responsible for carrying out the tests:

3.

Date of test report:

4.

Number of test report:

5.

Remarks (if any): See Addendum

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6.

Place:

7.

Date:

8.

Signature:

Attachments : Information package.

Test report.

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Addendum

to EC type-approval certificate No ...

1. Additional information
 - 1.1. Brief description of the advanced emergency braking system (AEBS) fitted to the vehicle:
 4. Test results according to Annex II to Regulation (EU) No 347/2012
 - 4.1. Details that enable to identify and reproduce the targets used for the testing
 - 4.2. List of positive actions resulting in the interruption of the collision warning phase
 - 4.3. List of positive actions resulting in the interruption of the emergency braking phase
 - 4.4. Description of the warning indication and the sequence in which the collision warning signals are presented to the driver
 - 4.5. Mass and condition of load of the vehicle when tested
 - 4.6. Details which enable the test targets to be specifically identified
 - 4.7. Result of the warning and activation test with a stationary target
 - 4.8. Results of the warning and activation test with a moving target
 - 4.9. Results of the failure detection test
 - 4.10. Results of the deactivation test (only if the vehicle is equipped with means to deactivate the emergency braking system)
 - 4.11. Results of the false reaction test
 - 4.12. The type of vehicle with its advanced emergency braking system (AEBS) complies with the approval level 1 requirements set out in Appendix 1 to Annex II to Regulation (EU) No 347/2012: yes/no⁽¹⁶⁾
 - 4.13. The type of vehicle with its advanced emergency braking system (AEBS) complies with the approval level 2 requirements in Appendix 2 to Annex II to Regulation (EU) No 347/2012: yes/no⁽¹⁶⁾
 5. Remarks (if any):

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- (1) If the means of identification of type contains characters not relevant to describe the vehicle, component or separate technical unit types covered by this information document, such characters shall be represented in the documentation by the symbol ‘?’ (e.g. ABC??123??).
- (2) Classified according to the definitions set out in Part A of Annex II to Directive 2007/46/EC of the European Parliament and of the Council ([OJ L 263, 9.10.2007, p. 1](#)).
- (3) Where there is one version with a normal cab and another with a sleeper cab, both sets of masses and dimensions are to be stated.
- (4) Standard ISO 612: 1978 — Road vehicles — Dimensions of motor vehicles and towed vehicles — terms and definitions.
- (5)

^(g1) Motor vehicle and drawbar trailer: term No 6.4.1.
Semi-trailer and centre-axle trailer: term No 6.4.2.
Note
In the case of a centre-axle trailer, the axis of the coupling shall be considered as the foremost axle.
- (6)

^(g4) Term No 6.5.
- (7)

^(g5) Term No 6.1 and for vehicles other than those of category M1: point 2.4.1 of Annex I to Directive 97/27/EC of the European Parliament and of the Council ([OJ L 233, 25.8.1997, p. 1](#)).
In the case of trailers, the lengths shall be specified as mentioned in term No 6.1.2 of Standard ISO 612: 1978.
- (8)

^(g7) Term No 6.2 and for vehicles other than those of category M1: point 2.4.2 of Annex I to Directive 97/27/EC.
- (9) The mass of the driver and, if applicable, of the crew member is assessed at 75 kg (subdivided into 68 kg occupant mass and 7 kg luggage mass according to ISO Standard 2416: 1992), the fuel tank is filled to 90 % and the other liquid containing systems (except those for used water) to 100 % of the capacity specified by the manufacturer.
- (10) With respect to trailers, maximum speed permitted by the manufacturer.
- (11) [OJ L 202, 6.9.1971, p. 37](#).
- (12) Delete where not applicable (there are cases where nothing needs to be deleted when more than one entry is applicable).
- (13) Delete where not applicable.
- (14) If the means of identification of type contains characters not relevant to describe the vehicle, component or separate technical unit types covered by this information, such characters shall be represented in the documentation by the symbol ‘?’ (e.g. ABC??123??).
- (15) As defined in Section A of Annex II to Directive 2007/46/EC.
- (16) Delete where not applicable.

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Changes and effects yet to be applied to :

- Annex 1 heading word substituted by S.I. 2022/1273 reg. 69(8)(a)
- Annex 1 Pt. 1 word substituted by S.I. 2022/1273 reg. 69(8)(b)(i)
- Annex 1 Pt. 2 Addendum heading word substituted by S.I. 2022/1273 reg. 69(8)(f)
- Annex 1 Pt. 1 point 8.1 words substituted by S.I. 2022/1273 reg. 69(8)(b)(ii)
- Annex 1 Pt. 1 point 8.2 words substituted by S.I. 2022/1273 reg. 69(8)(b)(iii)
- Annex 1 Pt. 1 point 8.6 words substituted by S.I. 2022/1273 reg. 69(8)(b)(iv)
- Annex 1 Pt. 1 notes words substituted by S.I. 2022/1273 reg. 69(8)(c)(i)
- Annex 1 Pt. 1 notes words substituted by S.I. 2022/1273 reg. 69(8)(c)(ii)
- Annex 1 Pt. 1 notes words substituted by S.I. 2022/1273 reg. 69(8)(c)(iii)
- Annex 1 Pt. 2 words substituted by S.I. 2022/1273 reg. 69(8)(d)(i)
- Annex 1 Pt. 2 words substituted by S.I. 2022/1273 reg. 69(8)(d)(ii)(aa)
- Annex 1 Pt. 2 words substituted by S.I. 2022/1273 reg. 69(8)(d)(ii)(bb)
- Annex 1 Pt. 2 notes words substituted by S.I. 2022/1273 reg. 69(8)(e)

Changes and effects yet to be applied to the whole legislation item and associated provisions

- Signature words omitted by S.I. 2022/1273 reg. 69(7)
- Annex 2 Appendix 1 omitted by S.I. 2022/1273 reg. 69(9)(g)
- Annex 2 Appendix 2 footnotes words omitted by S.I. 2022/1273 reg. 69(9)(h)
- Art. 1(4) words substituted by S.I. 2022/1273 reg. 69(2)(b)
- Art. 1(5) words substituted by S.I. 2022/1273 reg. 69(2)(b)
- Art. 2(3) words substituted by S.I. 2022/1273 reg. 69(3)(b)
- Art. 3(5)(a) words omitted by S.I. 2022/1273 reg. 69(4)(e)(ii)(bb)
- Art. 3(5)(a) words substituted by S.I. 2022/1273 reg. 69(4)(e)(ii)(aa)
- Art. 3(5)(c) words omitted by S.I. 2022/1273 reg. 69(4)(e)(ii)(bb)
- Art. 3(5)(c) words substituted by S.I. 2022/1273 reg. 69(4)(e)(ii)(aa)