

Commission Regulation (EU) No 351/2012 of 23 April 2012
implementing Regulation (EC) No 661/2009 of the European Parliament
and of the Council as regards type-approval requirements for the
installation of lane departure warning systems in motor vehicles

Article 1	Scope
Article 2	Definitions
Article 3	EC type-approval of a type of vehicle with regard to LDWS
Article 4	This Regulation shall enter into force on the twentieth day... Signature

ANNEX I

Standard models for the information document and the EC type-approval certificate

PART 1

Information document

MODEL

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: ...
 - 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: ...
 - 0.5. Name and address of manufacturer: ...
 - 0.6. Location and method of attachment of statutory plates and location...
 - 0.6.1. On the chassis: ...
 - 0.6.2. On the bodywork: ...
 - 0.9. Name and address of the manufacturer's representative (if any):
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): ...
 - 1.8. Hand of drive: left/right.
2. MASSES AND DIMENSIONS
 - 2.1. Wheelbase(s) (fully loaded)

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- 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: ...
 - 2.3.2. Track of all other axles: ...
 - 2.3.3. Width of the widest rear axle: ...
 - 2.3.4. Width of the foremost axle (measured at the outermost part...
- 2.4. Range of vehicle dimensions (overall)
 - 2.4.1. For chassis without bodywork
 - 2.4.1.1. Length: ...
 - 2.4.1.1.1. Maximum permissible length: ...
 - 2.4.1.1.2. Minimum permissible length: ...
 - 2.4.1.2. Width: ...
 - 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: ...
 - 2.4.2.1.1. Length of the loading area: ...
 - 2.4.2.2. Width: ...
 - 2.4.3. For bodywork approved without chassis (vehicles M2 and M3)
 - 2.4.3.1. Length: ...
 - 2.4.3.2. Width: ...
- 2.6. Mass in running order
- 4.7. Maximum vehicle design speed (in km/h): ...
- 13. SPECIAL PROVISIONS FOR BUSES AND COACHES
 - 13.1. Class of vehicle: Class III/Class B

Explanatory notes

PART 2

MODEL (maximum format: A4 (210 × 297 mm))
EC TYPE-APPROVAL CERTIFICATE Stamp of...

MODEL (maximum format: A4 (210 × 297 mm)) EC TYPE-APPROVAL
CERTIFICATE Stamp of type-approval...EC TYPE-APPROVAL CERTIFICATE
Stamp of type-approval authority Communication concerning: EC...

SECTION I

0.1. Make (trade name of manufacturer):

- 0.1. 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 vehicle:...
 - 0.3.1. Location of that marking:
- 0.4. Category of vehicle:
- 0.5. Name and address of manufacturer:
- 0.8. Names and address(es) of assembly plant(s):
- 0.9. Representative of the manufacturer:

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SECTION II

1. Additional information (where applicable): see Addendum

1. 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
6. Place:
7. Date:
8. Signature:

Addendum

to EC type-approval certificate No ...

1. Additional information
 - 1.1. Brief description of lane departure warning system fitted to the...
4. Annex II test results
 - 4.1. Visible lane markings used for the testing
 - 4.2. Documentation demonstrating compliance with all other lane markings identified in...
 - 4.3. Description of the variants of the lane departure warning system...
 - 4.4. Mass and condition of load of the vehicle when tested...
 - 4.5. Warning threshold setting (only in case where the lane departure...
 - 4.6. Result of optical warning signal verification test
 - 4.7. Results of the lane departure warning test
 - 4.8. Results of the failure detection test
 - 4.9. Results of the deactivation test (only if the vehicle is...
5. Remarks (if any):

ANNEX II

Requirements and tests for the type-approval of motor vehicles with regard to lane departure warnings systems

1. Requirements
 - 1.1. General requirements
 - 1.1.1. The effectiveness of the lane departure warning system (LDWS) shall...
 - 1.2. Performance requirements
 - 1.2.1. Whenever the system is active, as specified in point 1.2.3.,...
 - 1.2.2. The system shall also provide the driver with the warning...
 - 1.2.3. The LDWS shall be active at least at vehicle speeds...
 - 1.3. If a vehicle is equipped with a means to deactivate...
 - 1.4. Warning indication
 - 1.4.1. The warning referred to in point 1.2.1. shall be noticeable...
 - 1.4.1.1. Where an optical signal is used for the lane departure...
 - 1.4.2. The failure warning referred to in point 1.2.2. shall be...
 - 1.4.3. The LDWS optical warning signals shall be activated either when...

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- 1.4.4. The optical warning signals shall be visible even by daylight;...
- 1.4.5. When the driver is provided with an optical warning signal...
- 1.5. Provisions for the periodic technical inspection
 - 1.5.1. At a periodic technical inspection it shall be possible to...
 - 1.5.2. At the time of type-approval, the means to protect against...
- 2. Test procedures
 - 2.1. The manufacturer shall provide a brief documentation package which gives...
 - 2.2. Test conditions
 - 2.2.1. The test shall be performed on a flat, dry asphalt...
 - 2.2.2. The ambient temperature shall be between 0 °C and 45 °C.
 - 2.2.3. Visible lane markings
 - 2.2.3.1. The visible lane markings used in the lane departure warning...
 - 2.2.3.2. The vehicle manufacturer shall demonstrate, through the use of documentation,...
 - 2.2.3.3. Where the vehicle type can be equipped with different variants...
 - 2.2.4. The test shall be performed under visibility conditions that allow...
 - 2.3. Vehicle conditions
 - 2.3.1. Test weight
 - 2.3.2. The vehicle shall be tested at the tyre pressures recommended...
 - 2.3.3. Where the LDWS is equipped with a user-adjustable warning threshold,...
 - 2.4. Optical warning signal verification test
 - 2.5. Lane departure warning test
 - 2.5.1. Drive the vehicle at a speed of 65 km/h +/- 3 km/h...
 - 2.5.2. The LDWS shall provide the lane departure warning indication mentioned...
 - 2.6. Failure detection test
 - 2.6.1. Simulate a LDWS failure, for example by disconnecting the power...
 - 2.6.2. The failure warning signal mentioned in point 1.4.2. shall be...
 - 2.7. Deactivation Test
 - 2.7.1. If the vehicle is equipped with means to deactivate the...

Appendix

Visible lane marking identification

1. For the purpose of the test procedures referred to in...
2. The visible lane markings identified in Table 1 are assumed...
3. Table 1 shall be used for approval in accordance with...

Table 1 Identified visible lane markings

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(1) [OJ L 200, 31.7.2009, p. 1.](#)

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Changes and effects yet to be applied to :

- Annex 1 heading word substituted by S.I. 2022/1273 reg. 70(5)(a)
- Annex 1 word substituted by S.I. 2022/1273 reg. 70(5)(a)
- Annex 1 Pt. 1 notes words substituted by S.I. 2022/1273 reg. 70(5)(b)(i)
- Annex 1 Pt. 1 notes words substituted by S.I. 2022/1273 reg. 70(5)(b)(ii)
- Annex 1 Pt. 1 notes words substituted by S.I. 2022/1273 reg. 70(5)(b)(iii)
- Annex 1 Pt. 2 words substituted by S.I. 2022/1273 reg. 70(5)(c)
- Annex 1 Pt. 2 notes words substituted by S.I. 2022/1273 reg. 70(5)(d)
- Annex 1 Addendum heading words substituted by S.I. 2022/1273 reg. 70(5)(e)
- Annex 2 point 2.2.3.1 words inserted by S.I. 2022/1273 reg. 70(6)(a)(i)
- Annex 2 point 2.2.3.2 words inserted by S.I. 2022/1273 reg. 70(6)(b)
- Annex 2 point 2.2.3.1 words substituted by S.I. 2022/1273 reg. 70(6)(a)(ii)
- Art. 1 words substituted by S.I. 2022/1273 reg. 70(2)(a)
- Art. 3 heading word substituted by S.I. 2022/1273 reg. 70(3)(a)
- Art. 3(1) word substituted by S.I. 2022/1273 reg. 70(3)(a)
- Art. 3(3) words substituted by S.I. 2022/1273 reg. 70(3)(b)(i)
- Art. 3(3) words substituted by S.I. 2022/1273 reg. 70(3)(b)(ii)
- Art. 3(3) words substituted by S.I. 2022/1273 reg. 70(3)(c)
- Art. 3(4) words substituted by S.I. 2022/1273 reg. 70(3)(c)

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

- Signature words omitted by S.I. 2022/1273 reg. 70(4)
- Art. 1(4) words substituted by S.I. 2022/1273 reg. 70(2)(b)
- Art. 1(5) words substituted by S.I. 2022/1273 reg. 70(2)(c)
- Art. 3(5) inserted by S.I. 2022/1273 reg. 70(3)(d)