

Council Directive of 26 July 1971 on the approximation of the laws of the Member States relating to the braking devices of certain categories of motor vehicles and of their trailers (71/320/EEC) (repealed)

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[^{F1}ANNEX XIX

INFORMATION DOCUMENT No ...

pursuant to Annex I of Council Directive 70/156/EEC⁽¹⁾ relating to EC type-approval of a vehicle with respect to the braking equipment of trailers with other than inertia (overrun) brakes (Directive 71/320/EEC as last amended by Directive 98/12/EC).

Textual Amendments

F1 Inserted by [Commission Directive 98/12/EC of 27 January 1998](#) adapting to technical progress Council Directive 71/320/EEC on the approximation of the laws of the Member States relating to the braking devices of certain categories of motor vehicles and their trailers (Text with EEA relevance).

The following information, if applicable, 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 format. Photographs, if any, shall show sufficient detail.

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

0. GENERAL
 - 0.1. Make (trade name of manufacturer):
 - 0.2. Type:
 - 0.3. Means of identification of type, if marked on the vehicle (^b):
 - 0.3.1. Location of that marking:
 - 0.4. Category of vehicle (^c):
 - 0.5. Name and address of manufacturer:
 - 0.8. Address(es) of assembly plant(s):
1. GENERAL CONSTRUCTION CHARACTERISTICS OF THE VEHICLE
 - 1.1. Photographs and/or drawings of a representative vehicle:
 - 1.3. Number of axles and wheels:
 - 1.3.1. Number and position of axles with double wheels:
2. MASSES AND DIMENSIONS (^e) (in kg and mm) (Refer to drawing where applicable)
 - 2.1. Wheelbase(s) (fully loaded) (^f):
 - 2.3.1. Track of each steered axle (ⁱ):
 - 2.6. Mass of the vehicle with bodywork, and with coupling device in the case of a towing vehicle of category other than M₁ in running order, or mass of the chassis with cab if the manufacturer does not fit the bodywork and/or coupling device (including coolant, oils, fuel, 100 % other liquids except used waters, tools, spare wheel and driver and,

- for buses and coaches, the mass of the crew member (75 kg) if there is a crew seat in the vehicle) (maximum and minimum): ...
- 2.6.1 Distribution of this mass among the axles and, in the case of a semi-trailer or centre-axle trailer, load on the coupling point (maximum and minimum): ...
- 2.7. Minimum mass of the completed vehicle as stated by the manufacturer, in the case if an incomplete vehicle:
- 2.7.1. Distribution of this mass among the axles and, in the case of semi-trailer or centre-axle trailer, load on the coupling point:
- 2.8. Technically permissible maximum laden mass stated by the manufacturer ⁽¹⁾ (maximum and minimum):
- 2.8.1. Distribution of this mass among the axles and, in the case of semi-trailer or centre-axle trailer, load on the coupling point (maximum and minimum):
- 2.9. Technically permissible maximum load/mass on each axle:
- 2.10. Technically permissible maximum load/mass on each axle group:
- 2.12. Technically permissible maximum static vertical load/mass on the vehicle's coupling point:
- 2.12.2 of the semi-trailer or centre-axle trailer:
5. AXLES
- 5.4. Position of retractable axle(s):
6. SUSPENSION
- 6.1. Drawing of the suspension arrangements⁽²⁾:
- 6.2. Type and design of the suspension of each axle or group of axles or wheel:
- 6.6. Tyres and wheels
- 6.6.1. Tyre/wheel combination(s) (for tyres indicate size designation, minimum load-capacity index, minimum speed category symbol; for wheels indicate rim size(s) and off-set(s))
- 6.6.1.1. AXLES
- 6.6.1.1.1. Axle 1:
- 6.6.1.1.2. Axle 2:
- 6.6.1.1.3. Axle 3:
- 6.6.1.1.4. Axle 4:
- etc.
- 6.6.2. Upper and lower limit or rolling radii:
- 6.6.2.1. Axle 1:
- 6.6.2.2. Axle 2:

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6.6.2.3. Axle 3:

6.6.2.4. Axle 4:

etc.

6.6.3. Tyre pressure(s) as recommended by the vehicle manufacturer: ... kPa

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 Annex I, point 1.6, to Directive 71/320/EEC) with a drawing, (e.g. drums or discs, wheels braked, connection to braked wheels, 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, etc.):
- 8.2. Operating diagram, description and/or drawing of the following braking systems (as defined in Annex I, point 1.2, to Directive 71/320/EEC) with e.g. transmission and control (construction, adjustment, lever ratios, accessibility of control and its position, ratchet controls in the case of mechanical transmission, characteristics of the main parts of the linkage, cylinders and control pistons, brake cylinders or equivalent components in the case of electrical braking systems).
 - 8.2.1. Service braking system:
 - 8.2.3. Parking braking system:
 - 8.2.4. Any additional braking system:
 - 8.2.5. Break-away braking system
- 8.5 Anti-lock braking system: Yes/No/Optional (¹)
 - 8.5.1 For vehicles with anti-lock braking systems, 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 Annex II to Directive 71/320/EEC (or the Appendix to Annex XI, if applicable):
- 8.7. Description and/or drawing of the energy supply (also to be specified for power-assisted braking system):
 - 8.7.1. In the case of compressed air braking systems, working pressure p_2 in the pressure reservoir(s):
 - 8.7.2. In the case of vacuum braking systems, the initial energy level in the reservoir(s):
- 8.8. Calculation of the braking system; determination of the ratio between the total braking forces at the circumference of the wheels and the force applied to the braking control:
- 8.9. Brief description of the braking systems (according to point 1.6. of Annex IX, Appendix 1 to Directive 71/320/EEC):
- 8.10. If claiming exemptions from the Type I and/or Type II or Type III tests, state the number of the report in accordance with Appendix 2 of Annex VII to Directive 71/320/EEC:]

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- (1) [^{F1}The point numbers and footnotes used in this information document correspond to those set out in Annex I to Directive 70/156/EEC. Points not relevant for the purpose of this Directive are omitted.
- (2) If necessary for the explanation of point 8.]

Textual Amendments

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