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[F1ANNEX III U.K.

INFORMATION DOCUMENT FOR THE PURPOSE OF EC TYPE-APPROVAL OF VEHICLES

(For explanatory notes, please refer to last page of Annex I)

Textual Amendments

Substituted by Commission Regulation (EC) No 1060/2008 of 7 October 2008 replacing Annexes I, III, IV, VI, VII, XI and XV to Directive 2007/46/EC of the European Parliament and of the Council establishing a framework for the approval of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles (Framework Directive) (Text with EEA relevance).

PART I U.K.

- Categories M and N U.K. A.
- 0. GENERAL U.K.
- 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 (b): ...
- 0.3.1. Location of that marking: ...
- 0.4. Category of vehicle (c): ...
- 0.4.1. Classification(s) according to the dangerous goods which the vehicle is intended to transport: ...
- 0.5. Name and address of manufacturer: ...
- 0.8. Name(s) and address(es) of assembly plant(s): ...
- 0.9. Name and address of the manufacturer's representative (if any): ...
- GENERAL CONSTRUCTION CHARACTERISTICS OF THE VEHICLE U.K. 1.
- 1.1. Photographs and/or drawings of a representative vehicle: ...
- Number of axles and wheels: ... 1.3.
- 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): ...
- 1.4. Chassis (if any) (overall drawing): ...
- 1.6. Position and arrangement of the engine: ...

- 1.8. Hand of drive: left/right (1)
- 1.8.1. Vehicle is equipped to be driven in right/left (1) hand traffic
- 2. MASSES AND DIMENSIONS $\binom{f}{g}$ U.K.

(in kg and mm) (Refer to drawing where applicable)

- 2.1. Wheelbase(s) (fully loaded) (g1): U.K.
- 2.1.1. Two-axle vehicles: ...
- 2.1.2. Vehicles with three or more axles U.K.
- 2.1.2.1. Axle spacing between consecutive axles going from the foremost to the rearmost axle:
- 2.1.2.2. Total axle spacing: ...
- 2.3.1. Track of each steered axle (g4): ...
- 2.3.2. Track of all other axles (g4): ...
- 2.4. Range of vehicle dimensions (overall) U.K.
- 2.4.1. For chassis without bodywork U.K.
- 2.4.1.1. Length (^{g5}): ...
- 2.4.1.1.1 Maximum permissible length: ...
- 2.4.1.1.2. Minimum permissible length: ...
- 2.4.1.2. Width (g^7) : ...
- 2.4.1.2.1. Maximum permissible width: ...
- 2.4.1.2.2. Minimum permissible width: ...
- 2.4.1.3. Height (in running order) (g8) (for suspensions adjustable for height, indicate normal running position): ...
- 2.4.2. For chassis with bodywork U.K.
- 2.4.2.1. Length (^{g5}): ...
- 2.4.2.1.1. Length of the loading area: ...
- 2.4.2.2. Width $(^{g7})$: ...
- 2.4.2.2.1. Thickness of the walls (in the case of vehicles designed for controlled-temperature transport of goods): ...
- 2.4.2.3. Height (in running order) (g8) (for suspensions adjustable for height, indicate normal running position): ...
- 2.6. Mass in running order U.K.

Mass of the vehicle with bodywork and, in the case of a towing vehicle of a category other than M_1 , 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) (h) (maximum and minimum for each variant): ...

- 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 for each variant): ...
- 2.7. **Minimum mass of the completed vehicle** as stated by the manufacturer, in the case of an incomplete vehicle: ...
- 2.8. **Technically permissible maximum laden mass** stated by the manufacturer $\binom{i}{i}\binom{3}{i}$: ...
- 2.8.1. Distribution of this mass among the axles and, in the case of a semi-trailer or centre-axle trailer, load on the coupling point (3): ...
- 2.9. Technically permissible maximum mass on each axle: ...
- 2.10. Technically permissible maximum mass on each axle group: ...
- 2.11. **Technically permissible maximum towable mass** of the motor vehicle in case of
- 2.11.1. Drawbar trailer: ...
- 2.11.2. Semi-trailer: ...
- 2.11.3. Centre-axle trailer: ...
- 2.11.4. Technically permissible maximum mass of the combination (3): ...
- 2.11.6. Maximum mass of unbraked trailer: ...
- 2.12. Technically permissible maximum static vertical load/mass on the vehicle's coupling point: ...
- 2.12.1. Of the motor vehicle: ...
- 2.16. **Intended registration/in service maximum permissible masses** (optional: where these values are given, they shall be verified in accordance with the requirements of Annex IV to Directive 97/27/EC)
- 2.16.1. Intended registration/in service maximum permissible laden mass (several entries possible for each technical configuration (5)): ...
- 2.16.2. Intended registration/in service maximum permissible mass on each axle and, in the case of a semi-trailer or centre-axle trailer, intended load on the coupling point stated by the manufacturer if lower than the technically permissible maximum mass on the coupling point (several entries possible for each technical configuration (5)): ...
- 2.16.3. Intended registration/in service maximum permissible mass on each axle group (several entries possible for each technical configuration (5)): ...
- 2.16.4. Intended registration/in service maximum permissible towable mass (several entries possible for each technical configuration (⁵)): ...

- 2.16.5. Intended registration/in service maximum permissible mass of the combination (several entries possible for each technical configuration (⁵)): ...
- 3. POWER PLANT (^k) U.K.
- 3.1. **Manufacturer of the engine:** ...
- 3.1.1. Manufacturer's engine code (as marked on the engine or other means of identification):
- 3.1.2. Approval number (if appropriate) including fuel identification marking: ... U.K. (heavy-duty vehicles only)
- 3.2. Internal combustion engine U.K.
- 3.2.1.1. Working principle: positive ignition/compression ignition (1) U.K.

Cycle: four stroke/two stroke/rotary (1)

- 3.2.1.2. Number and arrangement of cylinders: ...
- 3.2.1.3. Engine capacity (^m): cm³
- 3.2.1.6. Normal engine idling speed (2): min⁻¹
- 3.2.1.8. Maximum net power (ⁿ): kW at min⁻¹ (manufacturer's declared value)
- 3.2.2.1. Light-duty vehicles: Diesel/Petrol/LPG/NG or Biomethane/Ethanol (E 85)/Biodiesel/Hydrogen (1) (6)
- 3.2.2.2. Heavy-duty vehicles: Diesel/Petrol/LPG/NG-H/NG-L/NG-HL/Ethanol (1) (6)
- 3.2.2.4. Vehicle fuel type: Mono fuel, Bi fuel, Flex fuel (1)
- 3.2.2.5. Maximum amount of biofuel acceptable in fuel (manufacturer's declared value): % by volume
- 3.2.3. Fuel tank(s) U.K.
- 3.2.3.1. Service fuel tank(s)
- 3.2.3.1.1. Number and capacity of each tank: ...
- 3.2.3.2. Reserve fuel tank(s)
- 3.2.3.2.1. Number and capacity of each tank: ...
- 3.2.4. Fuel feed U.K.
- 3.2.4.1. By carburettor(s): yes/no (1)
- 3.2.4.2. By fuel injection (compression ignition only): yes/no (¹)
- 3.2.4.2.2. Working principle: direct injection/pre-chamber/swirl chamber (1)
- 3.2.4.3. By fuel injection (positive ignition only): yes/no (1)

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3.3.1.2. Operating voltage: V

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3.2.7. Cooling system: liquid/air (1) 3.2.8. Intake system U.K. 3.2.8.1. Pressure charger: yes/no (1) 3.2.8.2. Intercooler: yes/no (1) Exhaust system U.K. 3.2.9. 3.2.9.4. Type, marking of exhaust silencer(s): ... U.K. Where relevant for exterior noise, reducing measures in the engine compartment and on the engine: ... 3.2.9.5. Location of the exhaust outlet: ... 3.2.12. Measures taken against air pollution U.K. 3.2.12.2. Additional pollution control devices (if any, and if not covered by another heading) 3.2.12.2.1 Catalytic converter: yes/no (1) 3.2.12.2. IRegeneration systems/method of exhaust after-treatment systems, description: ... 3.2.12.2.1Consumable reagents: yes/no (1) 3.2.12.2.1Type and concentration of reagent needed for catalytic action: ... 3.2.12.2.20xygen sensor: yes/no (1) 3.2.12.2.3Air injection: yes/no (1) 3.2.12.2.4Exhaust gas recirculation: yes/no (1) 3.2.12.2.5 Evaporative emissions control system: yes/no (1) 3.2.12.2.6 Particulate trap: yes/no (1) 3.2.12.2.7On-board-diagnostic (OBD) system: yes/no (1) 3.2.12.2. Other systems (description and operation): ... 3.2.12.2.9Torque limiter: yes/no (1) 3.2.13.1. Location of the absorption coefficient symbol (compression ignition engines only): ... 3.2.15. LPG fuelling system: yes/no (1) 3.2.16. NG fuelling system: yes/no (1) 3.3. Electric motor U.K. 3.3.1. Type (winding, excitation): ... 3.3.1.1. Maximum hourly output: kW

3.3.2.	Battery

- 3.3.2.4. Position: ...
- 3.4. Engine or motor combination U.K.
- 3.4.1. Hybrid electric vehicle: yes/no (1)
- 3.4.2. Category of hybrid electric vehicle: off-vehicle charging/not off-vehicle charging: (1)
- 3.6.5. Lubricant temperature U.K.

Minimum: K

Maximum: K

- 4. TRANSMISSION (p) U.K.
- 4.2. **Type** (mechanical, hydraulic, electric, etc.): ...
- 4.5. Gearbox U.K.
- 4.5.1. *Type* (manual/automatic/CVT (continuously variable transmission)) (1)
- 4.6. Gear ratios U.K.

Gear	Internal gearbox ratios (ratios of engine to gearbox output shaft revolutions)	Final drive ratio(s) (ratio of gearbox output shaft to driven wheel revolutions)	Total gear ratios
Maximum for CVT 1 2 3			
 Minimum for CVT			
Reverse			

- 4.7. **Maximum vehicle design speed** (in km/h) (^q)
- 4.9. **Tachograph:** yes/no (1)
- 4.9.1 *Approval mark:* ...
- 5. AXLES U.K.
- 5.1. Description of each axle: ...
- 5.2. Make: ...
- 5.3. Type: ...
- 5.4. Position of retractable axle(s): ...
- 5.5. Position of loadable axle(s): ...

8.11.

9.

BODYWORK U.K.

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6.	SUSPENSION U.K.
6.2.	Type and design of the suspension of each axle or wheel:
6.2.1.	Level adjustment: yes/no/optional (1)
6.2.3.	Air-suspension for driving axle(s): yes/no (1)
6.2.3.1.	Suspension of driving axle equivalent to air-suspension: yes/no (1)
6.2.4.	Air-suspension for non-driving axle(s): yes/no (1)
6.2.4.1.	Suspension of non-driving axle(s) equivalent to air-suspension: yes/no (1)
6.6.1.	Tyre/wheel combination(s) U.K.
(a)	for tyres indicate size designation, load-capacity index, speed category symbol, rolling resistance in accordance with ISO 28580 (where applicable) (^r);
(b)	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: U.K.
etc.	
6.6.1.2.	Spare wheel, if any:
6.6.2.	Upper and lower limits of rolling radii U.K.
6.6.2.1.	Axle 1:
6.6.2.2.	Axle 2: U.K.
etc.	
7.	STEERING U.K.
7.2.	Transmission and control U.K.
7.2.1.	Type of steering transmission (specify for front and rear, if applicable):
7.2.2.	Linkage to wheels (including other than mechanical means; specify for front ans rear, if applicable): \dots
7.2.3.	Method of assistance, if any:
8.	BRAKES U.K.
8.5.	Anti-lock braking system: yes/no/optional (1)
8.9.	Brief description of the braking system according to item 1.6 of the Addendum to Appendix 1 of Annex IX to Directive 71/320/EEC:

Particulars of the type(s) of endurance braking system(s): ...

Second row of

seats^a

L

C

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9.1.	Type of bodywork using the codes set out in Part C of Annex II:				
9.3.	Occupant doors, latches and hinges U.K.				
9.3.1.	Door configuration and number of doors:				
9.9.	Devices for indirect vision U.K.				
9.9.1.	Rear-viev	w mirrors, stating, f	for each rear-view i	mirror:	
9.9.1.1.	Make:				
9.9.1.2.	Type-approval mark:				
9.9.1.3.	Variant: .	••			
9.9.1.6.	Optional equipment which may affect the rearward field of vision:				
9.9.2.	Devices for indirect vision other than mirrors:				
9.9.2.1.	. Type and description of the device:				
9.10.	Interior arrangement U.K.				
9.10.3.	Seats U.K.				
9.10.3.1.	Number (of seating positions	(^s):		
		and arrangement: .			
9.10.3.2.	Seat(s) de	esignated for use or	nly when the vehic	le is stationary:	
9.10.4.1.	Type(s) o	of head restraints: ir	ntegrated/detachabl	e/separate (1)	
9.10.4.2.	Type-app	roval number(s), if	available:		
9.10.8	Gas used	as refrigerant in th	e air-conditioning	system:	
		onditioning system warming potential h	C		enhouse gases with
9.12.2.	Nature a optional):	and position of U.K.	supplementary r	restraint systems	(indicate yes/no/
L = left	hand side	e, R = right-hand si	de, C = centre)		
			Front airbag	Side airbag	Belt pre- loading device
First row	of seats	L			
		С			
		R			

a The table may be extended as necessary for vehicles with more than two rows of seats or if there are more than three seats across the width of the vehicle.

ANNEX III PART I

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R		

- The table may be extended as necessary for vehicles with more than two rows of seats or if there are more than three seats across the width of the vehicle.
- 9.17. Statutory plates U.K.
- 9.17.1. Photographs and/or drawings of the locations of the statutory plates and inscriptions and of the vehicle identification number: ...
- 9.17.2. Photographs and/or drawings of the statutory plate and inscriptions (completed example with dimensions): ...
- Photographs and/or drawings of the vehicle identification number (completed example 9.17.3. with dimensions): ...
- 9.17.4.1. The meaning of characters in the second section and, if applicable, in the third section used to comply with the requirements of section 5.3 of ISO Standard 3779-1983 shall be explained: ...
- 9.17.4.2. If characters in the second section are used to comply with the requirements of section 5.4 of ISO Standard 3779-1983, these characters shall be indicated: ...
- 9.22. Front under-run protection U.K.
- 9.22.0. Presence: ves/no/incomplete (1)
- Pedestrian protection U.K. 9.23.
- 9.23.1. A detailed description, including photographs and/or drawings, of the vehicle with respect to the structure, the dimensions, the relevant reference lines and the constituent materials of the frontal part of the vehicle (interior and exterior), including detail of any active protection system installed
- 9.24. Frontal protection systems U.K.
- 9.24.1. Frontal protection system: yes/no/optional (1)
- 9.24.3. Type-approval mark if any: ...
- CONNECTIONS BETWEEN TOWING VEHICLES AND TRAILERS AND SEMI-11. TRAILERS U.K.
- 11.1. Class and type of the coupling device(s) fitted or to be fitted: ...
- 11.3. Instructions for attachment of the coupling type to the vehicle and photographs or drawings of the fixing points at the vehicle as stated by the manufacturer; additional information, if the use of the coupling type is restricted to certain variants or versions of the vehicle type: ...
- 11.4. Information of the fitting of special towing brackets or mounting plates: ...
- 11.5. Type-approval number(s): ...
- MISCELLANEOUS U.K. 12.
- 12.7.1. Vehicle equipped with a 24 GHz short-range radar equipment: yes/no (1)
- 13. SPECIAL PROVISIONS FOR BUSES AND COACHES U.K.

- 13.1. Class of vehicle: Class I/Class III/Class A/Class B (1)
- 13.1.2. Chassis types where the type-approved bodywork can be installed (manufacturer(s), and vehicle(s) types): ...
- 13.3. **Number of passengers** (seated and standing)
- 13.3.1. Total (N): ...
- 13.3.2. Upper deck (N_a) (1): ...
- 13.3.3. Lower deck (N_b) (1): ...
- 13.4. **Number of passengers** (seated)
- 13.4.1. Total (A): ...
- 13.4.2. Upper deck (A_a) (1): ...
- 13.4.3. Lower deck (A_b) (1): ...
- 13.4.4. Number of wheelchair positions for category M₂ and M₃ vehicles: ...
- 16. ACCESS TO VEHICLE REPAIR AND MAINTENANCE INFORMATION U.K.
- 16.1. Address of principal website for access to vehicle repair and maintenance information: ...]