

Changes to legislation: Regulation (EU) 2018/858 of the European Parliament and of the Council, ANNEX II is up to date with all changes known to be in force on or before 01 February 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

		No 34											
3B	Rear underrun protection devices (RUPDs) and their installation; rear underrun protection (RUP)	Regulation (EC) No 661/2009 UN Regulation No 118	Non	X	X	X	X	X	X	X	X	X	X
4A	Space for mounting and fixing rear registration plates	Regulation (EC) No 661/2009 Commission Regulation (EU) No 1003/2010 ^b	Non	X	X	X	X	X	X	X	X	X	
5A	Steering equipment	Regulation (EC) No 661/2009 UN Regulation No 79	Non	X	X	X	X	X	X	X	X	X	
6A	Vehicle access and manoeuvres (steps, running boards and handholds)	Regulation (EC) No 661/2009 Commission Regulation (EU) No 1003/2012 ^c	Non			X	X	X					
6B	Door latches and door retention components	Regulation (EC) No 661/2009 UN Regulation No 11	Non			X							

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	their trailers												
24A	Illumination of rear-registration plates of power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 4	Non	X	X	X	X	X	X	X	X	X	X
25A	Power-driven vehicle sealed beam headlamps (SB) emitting an European asymmetrical passing beam or a driving beam or both	Regulation (EC) No 661/2009 UN Regulation No 31	Non	X	X	X	X	X					X
25B	Filament lamps for use in approval lamp units of power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 37	Non	X	X	X	X	X	X	X	X	X	X
25C	Motor vehicle headlamps equipped	Regulation (EC) No 661/2009	Non	X	X	X	X	X					X

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	with gas-discharge light sources	UN Regulation No 98										
25D	Gas-discharge light sources for use in approval of gas-discharge lamp units of power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 99	Non	X	X	X	X	X				X
25E	Motor vehicle headlamps emitting an asymmetric passing beam or a driving beam or both and equipped with filament lamps and/or LED modules	Regulation (EC) No 661/2009 UN Regulation No 112	Non	X	X	X	X	X				X
25F	Adaptive front-lighting systems (AFS) for motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 123	Non	X	X	X	X	X				X

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26A	Power driven vehicle front fog lamps	Regulation (EC) No 661/2009 UN Regulation No 19	Non	X	X	X	X	X					X
27A	Towing device	Regulation (EC) No 661/2009 Commission Regulation (EU) No 1005/2010 ^d	Non	X	X	X	X	X					
28A	Rear fog lamps for power driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 38	Non	X	X	X	X	X	X	X	X	X	X
29A	Reversing lights for power driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 23	Non	X	X	X	X	X	X	X	X	X	X
30A	Parking lamps for power driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 77	Non	X	X	X	X	X					
31A	Safety belts, restraint systems child restraint	Regulation (EC) No 661/2009 UN Regulation	Non	X	X	X	X	X					X

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	surfaces and rolling resistance (Classes C ₁ , C ₂ and C ₃)											
46E	Temporary use spare unit, run-flat tyres/system and tyre pressure monitoring system	Regulation (EC) No 661/2009 UN Regulation No 64			X ^(9A)							X
47A	Speed limitation of vehicles	Regulation (EC) No 661/2009 UN Regulation No 89	X	X		X	X					X
48A	Masses and dimensions	Regulation (EC) No 661/2009 Regulation (EU) No 1230/2012	X	X	X	X	X	X	X	X	X	
49A	Common requirements with regard to their external projections forward of the cab's	Regulation (EC) No 661/2009 UN Regulation No 64			X	X	X					

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	rear panel												
50A	Mechanical coupling components of combinations of vehicles	Regulation (EC) No 661/2009 UN Regulation No 55	X ⁽¹⁰⁾	X ⁽¹⁰⁾	X ⁽¹⁰⁾	X ⁽¹⁰⁾	X ⁽¹⁰⁾	X	X	X	X	X	
50B	Close-coupling device (CCD) fitting of an approved type of CCD	Regulation (EC) No 661/2009 UN Regulation No 102				X ⁽¹⁰⁾	X ⁽¹⁰⁾			X ⁽¹⁰⁾	X ⁽¹⁰⁾	X	
51A	Burning behaviour of materials used in the interior construction of certain categories of motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 118		X									
52A	M ₂ and M ₃ vehicles	Regulation (EC) No 661/2009 UN Regulation No 107	X	X									
52B	Strength of the superstructure of large passenger vehicles	Regulation (EC) No 661/2009 UN Regulation No 56	X	X									

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59	Recycling	Directive 2005/64/EC of the European Parliament and of the Council ^k			X							
61	Air-conditioning systems	Directive 2006/40/EC of the European Parliament and of the Council ^l			X (¹⁴)							
62	Hydrogen system	Regulation (EC) No 79/2009 of the European parliament and the Council ^m	X	X	X	X	X					
63	General Safety	Regulation (EC) No 661/2009 ⁽¹⁵⁾	X (¹⁵)	X (¹⁵)	X (¹⁵)	X (¹⁵)	X (¹⁵)	X (¹⁵)	X (¹⁵)	X (¹⁵)	X (¹⁵)	
64	Gear shift indicators	Regulation (EC) No 661/2009 Commission Regulation (EU) No 65/2012 ⁿ										
65	Advanced emergency	Regulation (EC)	X	X		X	X					

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	braking system	No 661/2009 Commission Regulation (EU) No 347/2012 ^o										
66	Lane departure warning system	Regulation (EC) No 661/2009 Commission Regulation (EU) No 351/2012 ^p	X	X		X	X					
67	Specific components for liquefied petroleum gases (LPG) and their installation on motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 67	X	X	X	X	X					X
68	Vehicle alarm system (VAS)	Regulation (EC) No 661/2009 UN Regulation No 97			X							X
69	Electrical safety	Regulation (EC) No 661/2009 UN Regulation No 100	X	X	X	X	X					
70	Specific components for CNG and their	Regulation (EC) No 661/2009	X	X	X	X	X					X

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	installation on motor vehicles	Regulation No 110										
71	Cab strength	Regulation (EC) No 661/2009 UN Regulation No 29			X	X	X					
72	eCall system	Regulation (EU) 2015/758 of the European Parliament and of the Council ^a			X							

- a** Regulation (EU) No 540/2014 of the European Parliament and of the Council of 16 April 2014 on the sound level of motor vehicles and of replacement silencing systems, and amending Directive 2007/46/EC and repealing Directive 70/157/EEC (OJ L 158, 27.5.2014, p. 131).
- b** Commission Regulation (EU) No 1003/2010 of 8 November 2010 concerning type-approval requirements for the space for mounting and the fixing of rear registration plates on motor vehicles and their trailers and implementing Regulation (EC) No 661/2009 of the European Parliament and of the Council concerning type-approval requirements for the general safety of motor vehicles, their trailers and systems, components and separate technical units intended therefor (OJ L 291, 9.11.2010, p. 22).
- c** Commission Regulation (EU) No 130/2012 of 15 February 2012 concerning type-approval requirements for motor vehicles with regard to vehicle access and manoeuvrability and implementing Regulation (EC) No 661/2009 of the European Parliament and of the Council concerning type-approval requirements for the general safety of motor vehicles, their trailers and systems, components and separate technical units intended therefor (OJ L 43, 16.2.2012, p. 6).
- d** Commission Regulation (EU) No 1005/2010 of 8 November 2010 concerning type-approval requirements for motor vehicle towing devices and implementing Regulation (EC) No 661/2009 of the European Parliament and of the Council concerning type-approval requirements for the general safety of motor vehicles, their trailers and systems, components and separate technical units intended therefor (OJ L 291, 9.11.2010, p. 36).
- e** Commission Regulation (EU) No 672/2010 of 27 July 2010 concerning type-approval requirements for windscreen defrosting and demisting systems of certain motor vehicles and implementing Regulation (EC) No 661/2009 of the European Parliament and of the Council concerning type-approval requirements for the general safety of motor vehicles, their trailers and systems, components and separate technical units intended therefor (OJ L 196, 28.7.2010, p. 5).
- f** Commission Regulation (EU) No 1008/2010 of 9 November 2010 concerning type-approval requirements for windscreen wiper and washer systems of certain motor vehicles and implementing Regulation (EC) No 661/2009 of the European Parliament and of the Council concerning type-approval requirements for the general safety of motor vehicles, their trailers and systems, components and separate technical units intended therefor (OJ L 292, 10.11.2010, p. 2).
- g** Commission Regulation (EU) No 1009/2010 of 9 November 2010 concerning type-approval requirements for wheel guards of certain motor vehicles and implementing Regulation (EC) No 661/2009 of the European Parliament and of the Council concerning type-approval requirements for the general safety of motor vehicles, their trailers and systems, components and separate technical units intended therefor (OJ L 292, 10.11.2010, p. 21).
- h** Commission Regulation (EU) No 109/2011 of 27 January 2011 implementing Regulation (EC) No 661/2009 of the European Parliament and of the Council as regards type-approval requirements for certain categories of motor vehicles and their trailers as regards spray suppression systems (OJ L 34, 9.2.2011, p. 2).

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- i** Commission Regulation (EU) No 458/2011 of 12 May 2011 concerning type-approval requirements for motor vehicles and their trailers with regard to the installation of their tyres and implementing Regulation (EC) No 661/2009 of the European Parliament and of the Council concerning type-approval requirements for the general safety of motor vehicles, their trailers and systems, components and separate technical units intended therefor (OJ L 124, 13.5.2011, p. 11).
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- j** Regulation (EC) No 78/2009 of the European Parliament and of the Council of 14 January 2009 on the type-approval of motor vehicles with regard to the protection of pedestrians and other vulnerable road users, amending Directive 2007/46/EC and repealing Directives 2003/102/EC and 2005/66/EC (OJ L 35, 4.2.2009, p. 1).
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- k** Directive 2005/64/EC of the European Parliament and of the Council of 26 October 2005 on the type-approval of motor vehicles with regard to their reusability, recyclability and recoverability and amending Council Directive 70/156/EEC (OJ L 310, 25.11.2005, p. 10).
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- l** Directive 2006/40/EC of the European Parliament and of the Council of 17 May 2006 relating to emissions from air conditioning systems in motor vehicles and amending Council Directive 70/156/EEC (OJ L 161, 14.6.2006, p. 12).
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- m** Regulation (EC) No 79/2009 of the European Parliament and of the Council of 14 January 2009 on type-approval of hydrogen-powered motor vehicles, and amending Directive 2007/46/EC (OJ L 35, 4.2.2009, p. 32).
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- n** Commission Regulation (EU) No 65/2012 of 24 January 2012 implementing Regulation (EC) No 661/2009 of the European Parliament and of the Council as regards gear shift indicators and amending Directive 2007/46/EC of the European Parliament and of the Council (OJ L 28, 31.1.2012, p. 24).
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- o** Commission Regulation (EU) No 347/2012 of 16 April 2012 implementing Regulation (EC) No 661/2009 of the European Parliament and of the Council with respect to type-approval requirements for certain categories of motor vehicles with regard to advanced emergency braking systems (OJ L 109, 21.4.2012, p. 1).
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- p** 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 (OJ L 110, 24.4.2012, p. 18).
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- q** Regulation (EU) 2015/758 of the European Parliament and of the Council of 29 April 2015 concerning type-approval requirements for the deployment of the eCall in-vehicle system based on the 112 service and amending Directive 2007/46/EC (OJ L 123, 19.5.2015, p. 77).
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Modifications etc. (not altering text)

- C1** Annex 2 Pt. 1 table modified (31.12.2022 at 11.00 p.m.) by S.I. 2020/818, reg. 6A (as inserted by The Road Vehicles and Non-Road Mobile Machinery (Type-Approval) (Amendment and Transitional Provisions) (EU Exit) Regulations 2022 (S.I. 2022/1273), regs. 1(2), 13(6))

Explanatory notes

- X Relevant regulatory act.
- (¹) For vehicles with a reference mass not exceeding 2 610 kg. At the manufacturer's request, Regulation (EC) No 715/2007 may apply to vehicles with a reference mass not exceeding 2 840 kg.
- (²) In case of vehicles equipped with a LPG or CNG installation, a vehicle type-approval in accordance with UN Regulation No 67 or UN Regulation No 110 is required.
- (³) The fitting of an electronic stability control ('ESC') system is required in accordance with Article 12 and Article 13 of Regulation (EC) No 661/2009.
- (⁴) The fitting of an ESC system is required in accordance with Article 12 and Article 13 of Regulation (EC) No 661/2009.
- (^{4A}) If fitted, the protective device shall fulfil the requirements of UN Regulation No 18.
- (^{4B}) This Regulation applies to seats not falling within the scope of UN Regulation No 80.
- (⁵) Vehicles of this category shall be fitted with a suitable windscreen defrosting and demisting device.

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- (⁶) Vehicles of this category shall be fitted with a suitable windscreen washing and wiping devices.
- (⁹) For vehicles with a reference mass exceeding 2 610 kg which are not type-approved (at the manufacturer's request and provided their reference mass does not exceed 2 840 kg) under Regulation (EC) No 715/2007.
- (^{9A}) Applies only where such vehicles are fitted with equipment covered by UN Regulation No 64. Tyre pressure monitoring system for M₁ vehicles applies on a compulsory basis in accordance with Article 9(2) of Regulation (EC) No 661/2009.
- (¹⁰) Applies only to vehicles equipped with coupling(s).
- (¹¹) Applies to vehicles with a technically permissible maximum laden mass not exceeding 2,5 tonnes.
- (¹²) Only applicable to vehicles where the 'Seating Reference Point ("R" point)' of the lowest seat is not more than 700 mm above the ground level.
- (¹³) Applies only when the manufacturer applies for type-approval of vehicles intended for the transport of dangerous goods.
- (¹⁴) Applies only for vehicles of category N₁, class I as described in Annex I to Regulation (EC) No 715/2007.
- (¹⁵) Compliance with Regulation (EC) No 661/2009 is mandatory, however, type-approval under this item number is not foreseen as it represents the collection of individual items 3A, 3B, 4A, 5A, 6A, 6B, 7A, 8A, 9A, 9B, 10A, 12A, 13A, 13B, 14A, 15A, 15B, 16A, 17A, 17B, 18A, 19A, 20A, 21A, 22A, 22B, 22C, 23A, 24A, 25A, 25B, 25C, 25D, 25E, 25F, 26A, 27A, 28A, 29A, 30A, 31A, 32A, 33A, 34A, 35A, 36A, 37A, 38A, 42A, 43A, 44A, 45A, 46A, 46B, 46C, 46D, 46E, 47A, 48A, 49A, 50A, 50B, 51A, 52A, 52B, 53A, 54A, 56A, 57A and 64 to 71. The series of amendments of the UN Regulations which apply on a compulsory basis are listed in Annex IV to Regulation (EC) No 661/2009. The series of amendments adopted subsequently are accepted as an alternative.

F3F4F5F6F7F8F9 Appendix 1

**Regulatory acts for [^{F10}GB] type-approval of vehicles
produced in [^{F11}medium] series pursuant to Article 41**

TABLE 1

M₁ vehicles

Item	Subject	Regulatory act reference	Specific issues	Applicability and specific requirements
1A	Sound level	Regulation (EU) No 540/2014		A
2A	Emissions (Euro 5 and Euro 6) light duty	Regulation (EC) No 715/2007		A
			(a) OBD	The vehicle shall be fitted with

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vehicles/access to information			<p>an OBD system that fulfils the requirements of Article 4(1) and (2) of Regulation (EC) No 692/2008 (The OBD system shall be designed to record at least the malfunction of the engine management system). The OBD-interface shall be able to communicate with commonly available diagnostic tools.</p>
		(b) In service conformity	N/A
		(c) Access to information	It is sufficient that the manufacturer provide access to repair and maintenance information in a readily accessible and prompt manner.
		(d) Power measurement	(When the vehicle manufacturer uses an engine from another manufacturer) Bench test data from the engine manufacturer are accepted provided that the engine management system is identical (i.e. having at

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				least the same electronic control unit (ECU)). Power output test may be performed on a chassis dynamometer. It shall be taken into account of the power loss in the transmission.
3A	Prevention of fire risks (liquid fuel tanks)	Regulation (EC) No 661/2009 UN Regulation No 34	(a) Liquid fuel tanks	B
			(b) Installation in vehicle	B
3B	Rear underrun protective devices (RUPDs) and their installation; rear underrun protection (RUP)	Regulation (EC) No 661/2009 UN Regulation No 58		B
4A	Space for mounting and fixing rear registration plates	Regulation (EC) No 661/2009 Regulation (EU) No 1003/2010		B
5A	Steering equipment	Regulation (EC) No 661/2009 UN Regulation No 79		C
			(a) Mechanical systems	The provisions of paragraph 5 of UN Regulation No 79 shall apply. All tests prescribed in paragraph 6.2 of UN Regulation No 79 shall be performed and the requirements of paragraph 6.1 of UN Regulation No 79 shall apply.

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			(b)	Complex electronic vehicle control system	All the requirements of Annex 6 of UN Regulation No 79 shall apply. Compliance with these requirements may only be checked by a technical service.
6B	Door latches and door retention components	Regulation (EC) No 661/2009 UN Regulation No 11			C
			(a)	General requirements (Paragraph 5 of UN Regulation No 11)	All the requirements shall apply.
			(b)	Performance requirements (Paragraph 6 of UN Regulation No 11)	Only the requirements of paragraph 6.1.5.4 and paragraph 6.3 of UN Regulation No 11 shall apply.
7A	Audible warning devices and signals	Regulation (EC) No 661/2009 UN Regulation No 28	(a)	Components	X
			(b)	Installation on vehicle	B
8A	Devices for indirect vision and their installation	Regulation (EC) No 661/2009 UN Regulation No 46	(a)	Components	X
			(b)	Installation on vehicle	B
9B	Braking of passenger cars	Regulation (EC) No 661/2009 UN Regulation No 13-H	(a)	Design and tests requirements	A
			(b)	Electronic stability control (ESC) and	The fitting of BAS and ESC shall not be required. If fitted, they shall comply with the

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			brake assist systems (BAS)	requirements of UN Regulation No 13-H.
10A	Electromagnetic compatibility	Regulation (EC) No 661/2009 UN Regulation No 10		B
12A	Interior fittings	Regulation (EC) No 661/2009 UN Regulation No 21	(a) Interior arrangement	C
			(i) Radii and protrusion requirements for switches, pull-knobs and the like, controls and general interior fittings	The requirements of paragraphs 3.1 to 5.6 of UN Regulation No 21 may be waived at the request of the manufacturer. The requirements of paragraph 5.2 of UN Regulation No 21 with the exception of paragraphs 5.2.3.1, 5.2.3.2 and 5.2.4 of that Regulation shall apply.
			(ii) Energy absorption tests on the upper dashboard	Energy absorption tests on the upper dashboard shall only be performed when the vehicle is not fitted with at least two front airbags or two static four-point harnesses.
			(iii) Energy absorption test on the rear part	N/A

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			of the seats	
			(b) Power-operation of windows, roof-panel systems and partition systems	All requirements of paragraph 5.8 of UN Regulation No 21 shall apply.
13B	Protection of motor vehicles against unauthorised use	Regulation (EC) No 661/2009 UN Regulation No 116		A The provisions of paragraph 8.3.1.1.1 of UN Regulation No 116 may be applied instead of paragraph 8.3.1.1.2 of that Regulation regardless of the type of powertrain.
14A	Protection of the driver against the steering mechanism in the event of impact	Regulation (EC) No 661/2009 UN Regulation No 12		C Tests are required when the vehicle has not been tested under UN Regulation No 94 (see item 53A).
15A	Seats, their anchorages and any head restraints	Regulation (EC) No 661/2009 UN Regulation No 17	(a) General requirements (i) Specifications	C Requirements of paragraph 5.2 of UN Regulation No 17 shall apply with the exception of paragraph 5.2.3 of that Regulation.
			(ii) Strength tests for seat backrest	The requirements of paragraph 6.2 UN Regulation

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			and head restraints	No 17 shall apply.
			(iii) Unlocking and adjustment tests	The test shall be performed in accordance with the requirements of Annex 7 to UN Regulation No 17.
			(b) Head restraints (i) Specifications	Requirements of paragraphs 5.4, 5.5, 5.6, 5.10, 5.11 and 5.12 of UN Regulation No 17 shall apply with the exception of paragraph 5.5.2 of that Regulation.
			(ii) Strength tests on head restraints	The test prescribed in paragraph 6.4 of UN Regulation No 17 shall be performed.
			(c) Special requirements regarding the protection of occupants from displaced luggage	The requirements of Annex 9 to UN Regulation No 26 may be waived at the request of the manufacturer.
16A	External projections	Regulation (EC) No 661/2009 UN Regulation No 26		C
			(a) General specifications	The requirements of paragraph 5 of UN Regulation No 26 shall apply.
			(b) Particular specifications	The requirements of paragraph 6 of UN Regulation

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				No 26 shall apply.
17A	Vehicle access and manoeuvrability (reverse gear)	Regulation (EC) No 661/2009 Regulation (EU) No 130/2012		D
17B	Speedometer equipment including its installation	Regulation (EC) No 661/2009 UN Regulation No 39		B
18A	Manufacturer's statutory plate and VIN	Regulation (EC) No 661/2009 Regulation (EU) No 19/2011		B
19A	Safety-belt anchorages, Isofix anchorages systems and Isofix top tether anchorages	Regulation (EC) No 661/2009 UN Regulation No 14		B
20A	Installation of lighting and light-signalling devices on vehicles	Regulation (EC) No 661/2009 UN Regulation No 48		B [^{F3} The requirement for] Daytime Running Lights (DRL) [^{F4} does not apply to types which had EU whole-vehicle type-approval prior to 1st February 2026, in accordance with this Regulation or the EU Type Approval Regulation.]
21A	Retro-reflecting devices for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 3		X
22A	Front and rear position lamps, stop-lamps and end-outline marker lamps for	Regulation (EC) No 661/2009 UN Regulation No 7		X

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	motor vehicles and their trailers			
22B	Daytime running lamps for power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 87		X
22C	Side-marker lamps for motor vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 91		X
23A	Direction indicators for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 6		X
24A	Illumination of rear-registration plates of power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 4		X
25A	Power-driven vehicle's sealed-beam headlamps (SB) emitting an European asymmetrical passing beam or a driving beam or both	Regulation (EC) No 661/2009 UN Regulation No 31		X
25B	Filament lamps for use in approved lamp units of power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 37		X
25C	Motor vehicle headlamps equipped with gas-discharge light sources	Regulation (EC) No 661/2009 UN Regulation No 98		X
25D	Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 99		X

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25E	Motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules	Regulation (EC) No 661/2009 UN Regulation No 112		X
25F	Adaptive front-lighting systems (AFS) for motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 123		X
26A	Power-driven vehicle front fog lamps	Regulation (EC) No 661/2009 UN Regulation No 19		X
27A	Towing device	Regulation (EC) No 661/2009 Regulation (EU) No 1005/2010		B
28A	Rear fog lamps for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 38		X
29A	Reversing lights for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 23		X
30A	Parking lamps for power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 77		X
31A	Safety-belts, restraint systems, child restraint systems and Isofix child restraint systems	Regulation (EC) No 661/2009 UN Regulation No 16	(a)	Components X
			(b)	Installation requirements B
32A	Forward field of vision	Regulation (EC) No 661/2009 UN Regulation No 125		A
33A	Location and identification of hand controls,	Regulation (EC) No 661/2009		A

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	tell-tales and indicators	UN Regulation No 121		
34A	Windscreen defrosting and demisting systems	Regulation (EC) No 661/2009 Regulation (EU) No 672/2010	(a)	Windscreen defrosting Only point 1.1.1 of Annex II to Regulation (EU) No 672/2010 shall apply, provided that warm air flow is ducted to the whole surface of the windscreen or the latter is electrically heated on its whole surface.
			(b)	Windscreen demisting Only point 1.2.1 of Annex II to Regulation (EU) No 672/2010 shall apply, provided that warm air flow is ducted to the whole surface of the windscreen or the latter is electrically heated on its whole surface.
35A	Windscreen wiper and washer systems	Regulation (EC) No 661/2009 Regulation (EU) No 1008/2010	(a)	Windscreen wiper system Points 1.1 to 1.1.10 of Annex III to Regulation (EU) No 1008/2010 shall apply. Only the test described in point 2.1.10 of Annex III to Regulation (EU) No 1008/2010 shall be performed.
			(b)	Windscreen washer system Point 1.2 of Annex III to Regulation (EU) No 1008/2010

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				shall apply with the exception of points 1.2.2, 1.2.3 and 1.2.5.
36A	Heating system	Regulation (EC) No 661/2009 UN Regulation No 122		C The fitting of a heating system shall not be required.
			(a)	All heating systems The requirements of paragraphs 5.3 and 6 of UN Regulation No 122 shall apply.
			(b)	LPG heating systems The requirements of Annex 8 to UN Regulation No 122 shall apply.
37A	Wheel guards	Regulation (EC) No 661/2009 Regulation (EU) No 1009/2010		B
38A	Head restraints (headrests), whether or not incorporated in vehicle seats	Regulation (EC) No 661/2009 UN Regulation No 25		X
41A	Emissions (Euro VI) heavy duty vehicles/access to information	Regulation (EC) No 595/2009		A With the exception of the set of requirements relating to OBDs and access to information.
			Power measurement	(When the vehicle manufacturer uses an engine from another manufacturer) Bench test data from the engine manufacturer are accepted, provided that the engine

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				management system is identical (i.e. having at least the same ECU). Power output test may be performed on a chassis dynamometer. It shall be taken into account of the power loss in the transmission.
44A	Masses and dimensions	Regulation (EC) No 661/2009 Regulation (EU) No 1230/2012		B The hill start test at maximum combination mass described in point 5.1 of Part A of Annex I to Regulation (EU) No 1230/2012 may be waived at the request of the manufacturer.
45A	Safety glazing materials and their installation on vehicles	Regulation (EC) No 661/2009 UN Regulation No 43	(a) Components	X
			(b) Installation	B
46A	Installation of tyres	Regulation (EC) No 661/2009 Regulation (EU) No 458/2011		B Dates for progressive application shall be those set out in Article 13 of Regulation (EC) No 661/2009.
46B	Pneumatic tyres for motor vehicles and their trailers (Class C ₁)	Regulation (EC) No 661/2009 UN Regulation No 30	Components	X
46D	Tyre rolling sound emissions, adhesion on wet surfaces and rolling resistance	Regulation (EC) No 661/2009 UN Regulation No 117	Components	X

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	(Classes C ₁ , C ₂ and C ₃)			
46E	Temporary-use spare unit, run-flat tyres/system and tyre pressure monitoring system	Regulation (EC) No 661/2009 UN Regulation No 64	Components	X
			Fitting of a tyre-pressure monitoring system (TPMS)	B The fitting of a TPMS shall not be required.
50A	Mechanical coupling components of combinations of vehicles	Regulation (EC) No 661/2009 UN Regulation No 55	(a) Components	X
			(b) Installation	B
53A	Protection of occupants in the event of a frontal collision	Regulation (EC) No 661/2009 UN Regulation No 94		C The requirements of UN Regulation No 94 shall apply to vehicles fitted with front airbags. Vehicles not fitted with airbags shall fulfil the requirement of item 14A of this table.
54A	Protection of occupants in the event of lateral collision	Regulation (EC) No 661/2009 UN Regulation No 95		C
			Head form test	The manufacturer shall supply the technical service with suitable information concerning a possible impact of the head of the dummy against the structure of the vehicle or the side glazing if made up of laminated glazing. When it is proven that such impact is likely to happen, the partial test using

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				the head form test described in paragraph 3.1 of Annex 8 to UN Regulation No 95 shall be conducted and the criterion specified in paragraph 5.2.1.1 of UN Regulation No 95 shall be met. In agreement with the technical service, the test procedure described in Annex 4 to UN Regulation No 21 may be used as an alternative to the test of UN Regulation No 95.
58	Pedestrian protection	Regulation (EC) No 78/2009	(a) Technical requirements applicable to vehicle	N/A
			(b) Frontal protection systems	X
59	Recyclability	Directive 2005/64/EC		N/A - Only Article 7 on reuse of component parts shall apply.
61	Air-conditioning systems	Directive 2006/40/EC		A
62	Hydrogen system	Regulation (EC) No 79/2009		X
63	General Safety	Regulation (EC) No 661/2009		See explanatory note ⁽¹⁵⁾ of the table in this Part with regulatory

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				acts for [F5GB] type-approval of vehicles produced in unlimited series.
64	Gear shift indicators	Regulation (EC) No 661/2009 Regulation (EU) No 65/2012		N/A
67	Specific components for liquefied petroleum gases (LPG) and their installation on motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 67	(a) Components	X
			(b) Installation	A
68	Vehicle alarm systems (VAS)	Regulation (EC) No 661/2009 UN Regulation No 97	(a) Components	X
			(b) Installation	B
69	Electric safety	Regulation (EC) No 661/2009 UN Regulation No 100		B
70	Specific components for CNG and their installation on motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 110	(a) Components	X
			(b) Installation	A
72	eCall system	Regulation (EU) 2015/758		N/A

Explanatory notes

X

Full application of the regulatory act as follows:

- (a) a type-approval certificate shall be issued;
- (b) tests and checks shall be conducted by the technical service or the manufacturer under the conditions laid down in Articles 67 to 81;
- (c) a test report shall be drafted in accordance with Annex III;
- (d) Conformity of Production (COP) shall be ensured.

A

Application of the regulatory act as follows:

- (a) all requirements of the regulatory act shall be fulfilled unless otherwise stated;
- (b) no type-approval certificate shall be required;

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- (c) tests and checks shall be conducted by the technical service or the manufacturer under the conditions laid down in Articles 67 to 81;
 - (d) a test report shall be drafted in accordance with Annex III;
 - (e) COP shall be ensured.
- B

Application of the regulatory act as follows:

Same as for letter 'A' with the exception that the tests and checks may be performed by the manufacturer himself, subject to the agreement of the approval authority.

C

Application of the regulatory act as follows:

- (a) only the technical requirements from the regulatory shall be fulfilled, irrespective of any transitional provision;
- (b) no type-approval certificate shall be required;
- (c) tests and checks shall be conducted by the technical service or by the manufacturer (see decisions for letter 'B');
- (d) a test report shall be drafted in accordance with Annex III;
- (e) COP shall be ensured.

D

Same as for decisions in letters 'B' and 'C', with the exception that a statement of compliance submitted by the manufacturer is sufficient. No test report shall be required.

The approval authority or technical service may require additional information of further evidence, if need be.

N/A

The regulatory act shall not apply. Compliance with one or more specific aspects included in the regulatory act may however be imposed.

The series of amendments of the UN Regulations to be used are listed in Annex IV to Regulation (EC) No 661/2009. The series of amendments adopted subsequently are accepted as an alternative.

TABLE 2

N₁ vehicles⁰

Item	Subject	Regulatory act	Specific issues	Applicability and specific requirements
1A	Sound level	Regulation (EU) No 540/2014		A
2A	Emissions (Euro 5 and Euro 6) light duty	Regulation (EC) No 715/2007		A
			(a) OBD	The vehicle shall be fitted with

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vehicles/access to information			an OBD system that fulfils the requirements of Article 4(1) and (2) of Regulation (EC) No 692/2008 (the OBD system shall be designed to record at least the malfunction of the engine management system). The OBD-interface shall be able to communicate with commonly available diagnostic tools.
		(b) In service conformity	N/A
		(c) Access to information	It is sufficient that the manufacturer provides access to vehicle repair and maintenance information in a readily accessible and prompt manner.
		(d) Power measurement	(When the vehicle manufacturer uses an engine from another manufacturer) Bench test data from the engine manufacturer are accepted provided that the engine management system is

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				identical (i.e. having at least the same ECU). Power output test may be performed on a chassis dynamometer. It shall be taken into account of the power loss in the transmission.	
3A	Prevention of fire risks (liquid fuel tanks)	Regulation (EC) No 661/2009 UN Regulation No 34	(a)	Liquid fuel tanks	B
			(b)	Installation in vehicle	B
3B	Rear underrun protective devices (RUPDs) and their installation; rear underrun protection (RUP)	Regulation (EC) No 661/2009 UN Regulation No 58			B
4A	Space for mounting and fixing rear registration plates	Regulation (EC) No 661/2009 Regulation (EU) No 1003/2010			B
5A	Steering equipment	Regulation (EC) No 661/2009 UN Regulation No 79			C
			(a)	Mechanical systems	The provisions of paragraph 5 of UN Regulation No 79.01 shall apply. All tests prescribed in paragraph 6.2 of UN Regulation No 79 shall be performed and the requirements of paragraph 6.1 of UN

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				Regulation No 79 shall apply.
			(b) Complex electronic vehicle control system	All the requirements of Annex 6 of UN Regulation No 79 shall apply. Compliance with these requirements may only be checked by a technical service.
6B	Door latches and door retention components	Regulation (EC) No 661/2009 UN Regulation No 11		C
			(a) General requirements (Paragraph 5 of UN Regulation No 11)	All requirements shall apply.
			(b) Performance requirements (Paragraph 6 of UN Regulation No 11)	Only the requirements of paragraph 6.1.5.4 and paragraph 6.3 of UN Regulation No 11 shall apply.
7A	Audible warning devices and signals	Regulation (EC) No 661/2009 UN Regulation No 28	(a) Components	X
			(b) Installation on vehicle	B
8A	Devices for indirect vision and their installation	Regulation (EC) No 661/2009 UN Regulation No 46	(a) Components	X
			(b) Installation on vehicle	B
9A	Braking of vehicles and trailers	Regulation (EC) No 661/2009 UN Regulation No 13	(a) Design and test requirements	A
			(b) Electronic stability	The fitting of ESC shall not

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			control (ESC)	be required. If fitted, it shall comply with the requirements of UN Regulation No 13.
9B	Braking of passenger cars	Regulation (EC) No 661/2009 UN Regulation No 13-H	(a) Design and test requirements	A
			(b) ESC and brake assist systems (BAS)	The fitting of BAS and ESC shall not be required. If fitted, they shall comply with the requirements of UN Regulation No 13-H.
10A	Electromagnetic compatibility	Regulation (EC) No 661/2009 UN Regulation No 10		B
13B	Protection of motor vehicles against unauthorised use	Regulation (EC) No 661/2009 UN Regulation No 116		A The provisions of paragraph 8.3.1.1.1 of UN Regulation No 116 may be applied instead of paragraph 8.3.1.1.2 of that Regulation regardless of the type of powertrain.
14A	Protection of the driver against the steering mechanism in the event of impact	Regulation (EC) No 661/2009 UN Regulation No 12		C
			(a) Barrier impact test	A test shall be required.
			(b) Body block impact test against	Not required if the steering wheel is fitted with an airbag.

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			steering wheel	
			(c) Head form test	Not required if the steering wheel is fitted with an airbag.
15A	Seats, their anchorages and any head restraints	Regulation (EC) No 661/2009 UN Regulation No 17		B
17A	Vehicle access and manoeuvrability (reverse gear)	Regulation (EC) No 661/2009 Regulation (EU) No 130/2012		D
17B	Speedometer equipment including its installation	Regulation (EC) No 661/2009 UN Regulation No 39		B
18A	Manufacturer's statutory plate and VIN	Regulation (EC) No 661/2009 Regulation (EU) No 19/2011		B
19A	Safety-belt anchorages, Isofix anchorages systems and Isofix top tether anchorages	Regulation (EC) No 661/2009 UN Regulation No 14		B
20A	Installation of lighting and light-signalling devices on motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 48		B [^{F7} The requirement for] DRLs [^{F8} does not apply to types which had EU whole-vehicle type-approval prior to 1st February 2026, in accordance with this Regulation or the EU Type Approval Regulation.]

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21A	Retro-reflecting devices for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 3		X
22A	Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 7		X
22B	Daytime running lamps for power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 87		X
22C	Side-marker lamps for motor vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 91		X
23A	Direction indicators for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 6		X
24A	Illumination of rear-registration plates of power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 4		X
25A	Power-driven vehicle's sealed-beam headlamps (SB) emitting an European asymmetrical passing beam or a driving beam or both	Regulation (EC) No 661/2009 UN Regulation No 31		X
25B	Filament lamps for use in approved lamp units of power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 37		X

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25C	Motor vehicle headlamps equipped with gas-discharge light sources	Regulation (EC) No 661/2009 UN Regulation No 98		X
25D	Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 99		X
25E	Motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules	Regulation (EC) No 661/2009 UN Regulation No 112		X
25F	Adaptive front-lighting systems (AFS) for motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 123		X
26A	Power-driven vehicle front fog lamps	Regulation (EC) No 661/2009 UN Regulation No 19		X
27A	Towing device	Regulation (EC) No 661/2009 Regulation (EU) No 1005/2010		B
28A	Rear fog lamps for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 38		X
29A	Reversing lights for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 23		X
30A	Parking lamps for power-driven vehicles	Regulation (EC) No 661/2009		X

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		UN Regulation No 77		
31A	Safety-belts, restraint systems, child restraint systems and Isofix child restraint systems	Regulation (EC) No 661/2009 UN Regulation No 16	(a)	Components X
			(b)	Installation requirements B
33A	Location and identification of hand controls, tell-tales and indicators	Regulation (EC) No 661/2009 UN Regulation No 121		A
34A	Windscreen defrosting and demisting systems	Regulation (EC) No 661/2009 Regulation (EU) No 672/2010		N/A The vehicle shall be fitted with a suitable windscreen defrosting and demisting system.
35A	Windscreen wiper and washer systems	Regulation (EC) No 661/2009 Regulation (EU) No 1008/2010		N/A The vehicle shall be fitted with a suitable windscreen wiper and washer system.
36A	Heating system	Regulation (EC) No 661/2009 UN Regulation No 122		C The fitting of a heating system shall not be required.
			(a)	All heating systems The requirements of paragraphs 5.3 and 6 of UN Regulation No 122 shall apply.
			(b)	LPG heating systems The requirements of Annex 8 to UN Regulation No 122 shall apply.
41A	Emissions (Euro VI) heavy duty	Regulation (EC) No 595/2009		A

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	vehicles/access to information			With the exception of the set of requirements relating to OBDs and access to information.
			Power measurement	(When the vehicle manufacturer uses an engine from another manufacturer) Bench test data from the engine manufacturer are accepted provided that the engine management system is identical (i.e. having at least the same ECU). Power output test may be performed on a chassis dynamometer. It shall be taken into account of the power loss in the transmission.
43A	Spray suppression systems	Regulation (EC) No 661/2009 Regulation (EU) No 109/2011		B
45A	Safety glazing materials and their installation on vehicles	Regulation (EC) No 661/2009 UN Regulation No 43	(a) Components	X
			(b) Installation	B
46A	Installation of tyres	Regulation (EC) No 661/2009 Regulation (EU) No 458/2011		B Dates for progressive application shall be those set out in Article 13 of

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				Regulation (EC) No 661/2009.
46B	Pneumatic tyres for motor vehicles and their trailers (Class C ₁)	Regulation (EC) No 661/2009 UN Regulation No 30	Components	X
46C	Pneumatic tyres for commercial vehicles and their trailers (Classes C ₂ and C ₃)	Regulation (EC) No 661/2009 UN Regulation No 54	Components	X
46D	Tyre rolling sound emissions, adhesion on wet surfaces and rolling resistance (Classes C ₁ , C ₂ and C ₃)	Regulation (EC) No 661/2009 UN Regulation No 117	Components	X
46E	Temporary-use spare unit, run-flat tyres/system and tyre pressure monitoring system	Regulation (EC) No 661/2009 UN Regulation No 64	Components	X
			Fitting of a tyre-pressure monitoring system	B The fitting of a TPMS shall not be required.
48A	Masses and dimensions	Regulation (EC) No 661/2009 Regulation (EU) No 1230/2012		B
			Hill start test at maximum combination mass	The hill start test at maximum combination mass described in point 5.1 of Part A of Annex 1 to Regulation (EU) No 1230/2012 may be waived at the request of the manufacturer.
49A	Commercial vehicles with regards to their external projections forward of the cab's rear panel	Regulation (EC) No 661/2009 UN Regulation No 61		C
			(a) General specifications	The requirements of paragraph 5 of UN Regulation No 61 shall apply.

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			(b) Particular specifications	The requirements of paragraph 6 of UN Regulation No 61 shall apply.
50A	Mechanical coupling components of combinations of vehicles	Regulation (EC) No 661/2009 UN Regulation No 55	(a) Components	X
			(b) Installation	B
54A	Protection of occupants in the event of lateral collision	Regulation (EC) No 661/2009 UN Regulation No 95	C	C
			Head form test	The manufacturer shall supply the technical service with suitable information concerning a possible impact of the head of the dummy against the structure of the vehicle or the side glazing, if made up of laminated glazing. When such impact is proven likely to happen, then the partial test using the head form test described in paragraph 3.1 of Annex 8 to UN Regulation No 95 shall be conducted and the criterion specified in paragraph 5.2.1.1 of UN Regulation No 95 shall be met. In agreement with the

^a The explanatory notes relating to the Table 'Regulatory acts for [F⁶GB] type-approval of vehicles produced in unlimited series' of this Part also apply to this Table. The letters in this Table have the same meaning as in Table 1 of this Appendix.

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				technical service, the test procedure described in Annex 4 to UN Regulation No 21 may be used as an alternative to the test of UN Regulation No 95 mentioned above.
56A	Vehicles for the carriage of dangerous goods	Regulation (EC) No 661/2009 UN Regulation No 105		A
58	Pedestrian protection	Regulation (EC) No 78/2009	(a) Technical requirements applicable to a vehicle	N/A
			(b) Frontal protection systems	X
59	Recyclability	Directive 2005/64/EC		N/A Only Article 7 on reuse of component parts shall apply.
61	Air-conditioning systems	Directive 2006/40/EC		B
62	Hydrogen system	Regulation (EC) No 79/2009		X
63	General Safety	Regulation (EC) No 661/2009		See explanatory note ⁽¹⁵⁾ of the table in this Part with regulatory acts for [F ⁹ GB] type-approval of vehicles produced in unlimited series.
67	Specific components for liquefied	Regulation (EC) No 661/2009	(a) Components	X

^a The explanatory notes relating to the Table 'Regulatory acts for [F⁶GB] type-approval of vehicles produced in unlimited series' of this Part also apply to this Table. The letters in this Table have the same meaning as in Table 1 of this Appendix.

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	petroleum gases (LPG) and their installation on motor vehicles	UN Regulation No 67	(b) Installation	A
68	Vehicle alarm systems (VAS)	Regulation (EC) No 661/2009 UN Regulation No 97	(a) Components	X
			(b) Installation	B
69	Electric safety	Regulation (EC) No 661/2009 UN Regulation No 100		B
70	Specific components for CNG and their installation on motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 110	(a) Components	X
			(b) Installation	A
71	Cab strength	Regulation (EC) No 661/2009 UN Regulation No 29		C
72	eCall System	Regulation (EU) 2015/758		N/A

^a The explanatory notes relating to the Table 'Regulatory acts for [F6GB] type-approval of vehicles produced in unlimited series' of this Part also apply to this Table. The letters in this Table have the same meaning as in Table 1 of this Appendix.

Textual Amendments

- F3** Words in Annex 2 Pt. 1 Appendix 1 table 1 inserted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(3)(b)(i)(aa)**
- F4** Words in Annex 2 Pt. 1 Appendix 1 table 1 substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(3)(b)(i)(bb)**
- F5** Word in Annex 2 Pt. 1 Appendix 1 table 1 substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(3)(b)(ii)**
- F6** Word in Annex 2 Pt. 1 Appendix 1 table 2 footnote substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(3)(c)(i)**
- F7** Words in Annex 2 Pt. 1 Appendix 1 table 2 inserted (31.12.2022 at 11.00 p.m.) by virtue of [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(3)(c)(ii)(aa)**
- F8** Words in Annex 2 Pt. 1 Appendix 1 table 2 substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(3)(c)(ii)(bb)**

Changes to legislation: Regulation (EU) 2018/858 of the European Parliament and of the Council, ANNEX II is up to date with all changes known to be in force on or before 01 February 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

- F9** Word in Annex 2 Pt. 1 Appendix 1 table 2 substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(3)(c)(iii)**
- F10** Word in Annex 2 Pt. 1 Appendix 1 heading substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(3)(a)(i)**
- F11** Word in Annex 2 Pt. 1 Appendix 1 heading substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(3)(a)(ii)**

Modifications etc. (not altering text)

- C2** Annex 2 Pt. 1 Appendix 1 table 1 modified (31.12.2022 at 11.00 p.m.) by [S.I. 2020/818](#), **reg. 6A** (as inserted by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **13(6)**)
- C3** Annex 2 Pt. 1 Appendix 1 table 2 modified (31.12.2022 at 11.00 p.m.) by [S.I. 2020/818](#), **reg. 6A** (as inserted by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **13(6)**)

^{F12}Appendix
2

Textual Amendments

- F12** Annex 2 Pt. 1 Appendix 2 omitted (31.12.2022 at 11.00 p.m.) by virtue of [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(4)**

Textual Amendments

- F2** Word in Annex 2 Pt. 1 heading substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(2)**

PART II

List of UN Regulations recognised as an alternative to the Directives or Regulations referred to in Part I

Where reference is made to a separate Directive or Regulation in the table of Part I, an approval granted under the following UN Regulations which the [^{F13}United Kingdom] has accepted as a Contracting Party to the ‘Revised 1958 Agreement’ ^{F14}... shall be considered as equivalent to [^{F15}a GB] type-approval granted under the relevant separate Directive or Regulation.

Textual Amendments

- F13** Words in Annex 2 Pt. 2 substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(5)(a)(i)**

Changes to legislation: Regulation (EU) 2018/858 of the European Parliament and of the Council, ANNEX II is up to date with all changes known to be in force on or before 01 February 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

- F14** Words in Annex 2 Pt. 2 omitted (31.12.2022 at 11.00 p.m.) by virtue of [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(5)(a)(ii)**
- F15** Words in Annex 2 Pt. 2 substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(5)(a)(iii)**

Any further amendment to the UN Regulations listed in the following table⁽¹⁾ shall also be deemed to be equivalent to [F16 a GB] type-approval F17....

Textual Amendments

- F16** Words in Annex 2 Pt. 2 substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(5)(b)(i)**
- F17** Words in Annex 2 Pt. 2 omitted (31.12.2022 at 11.00 p.m.) by virtue of [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(5)(b)(ii)**

	Subject	UN Regulation number	Series of amendments
1A ^a	Permissible sound level (not covering AVAS and replacement silencers)	51	03
	AVAS	138	00
	Replacement silencing systems	59	02
9B	Braking of passenger cars (ESC part)	140	00
58	Pedestrian protection (not covering brake assist)	127 (pedestrian protection)	00
	Pedestrian protection (brake assist part)	13-H (brake assist) or 139 (brake assist)	00 (Supplement 9 and above) 00
65	Advanced emergency braking system	131	01
66	Lane departure warning system	130	00

Where the separate Directive or Regulation contains installation requirements, these apply also to components and separate technical units approved in accordance with UN Regulations.

^a The numbering of the entries in this table refers to the numbering used in the table of Part I.

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PART III

List of regulatory acts setting out the requirements for the purpose of [F18GB] type-approval of special purpose vehicles

Appendix 1

Motor-caravans, ambulances and hearses

Item	Subject	Regulatory act reference	M ₁ ≤ 2 500 kg ^a	M ₁ > 2 500 kg ^a	M ₂	M ₃
1A	Sound level	Regulation (EU) No 540/2014	H	G+H	G+H	G+H
2	Emissions (Euro 5 and Euro 6) light duty vehicles / access to information	Regulation (EC) No 715/2007	Q ⁽¹⁾	G+Q ⁽¹⁾	G+Q ⁽¹⁾	
3A	Prevention of fire risks (liquid fuel tanks)	Regulation (EC) No 661/2009 UN Regulation No 34	F ⁽²⁾	F ⁽²⁾	F ⁽²⁾	F ⁽²⁾
3B	Rear underrun protective devices (RUPDs) and their installation; rear underrun protection (RUP)	Regulation (EC) No 661/2009 UN Regulation No 58	X	X	X	X
4A	Space for mounting and fixing rear registration plates	Regulation (EC) No 661/2009 Regulation (EU) No 1003/2010	X	X	X	X

^a Technically permissible maximum laden mass.

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5A	Steering equipment	Regulation (EC) No 661/2009 UN Regulation No 79	X	G	G	G
6A	Vehicle access and manoeuvrability	Regulation (EC) No 661/2009 Regulation (EU) No 130/2012	X	X		
6B	Door latches and door retention components	Regulation (EC) No 661/2009 UN Regulation No 11	B	G+B		
7A	Audible warning devices and signals	Regulation (EC) No 661/2009 UN Regulation No 28	X	X	X	X
8A	Devices for indirect vision and their installation	Regulation (EC) No 661/2009 UN Regulation No 46	X	G	G	G
9A	Braking of vehicles and trailers	Regulation (EC) No 661/2009 UN Regulation No 13			G ⁽³⁾	G ⁽³⁾
9B	Braking of passenger cars	Regulation (EC) No 661/2009 UN Regulation No 13-H	X ⁽⁴⁾	G+A ₁		
10A	Electromagnetic compatibility	Regulation (EC) No 661/2009	X	X	X	X

a Technically permissible maximum laden mass.

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		UN Regulation No 10				
12A	Interior fittings	Regulation (EC) No 661/2009 UN Regulation No 21	C	G+C		
13A	Protection of motor vehicles against unauthorised use	Regulation (EC) No 661/2009 UN Regulation No 18			G ^(4A)	G ^(4A)
13B	Protection of motor vehicles against unauthorised use	Regulation (EC) No 661/2009 UN Regulation No 116	X	G		
14A	Protection of the driver against the steering mechanism in the event of impact	Regulation (EC) No 661/2009 UN Regulation No 12	X	G		
15A	Seats, their anchorages and any head restraints	Regulation (EC) No 661/2009 UN Regulation No 17	D	G+D	G+D ^(4B)	G+D ^(4B)
15B	Seats of large passenger vehicles	Regulation (EC) No 661/2009 UN Regulation No 80			X	X
16A	External projections	Regulation (EC) No 661/2009 UN Regulation No 26	X for the cab; A +Z for the remaining part	G for the cab; A +Z for the remaining part		

a Technically permissible maximum laden mass.

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17A	Vehicle access and manoeuvrability	Regulation (EC) No 661/2009 Regulation (EU) No 130/2012	X	X	X	X
17B	Speedometer equipment including its installation	Regulation (EC) No 661/2009 UN Regulation No 39	X	X	X	X
18A	Manufacturer statutory plate and VIN	Regulation (EC) No 661/2009 Regulation (EU) No 19/2011	X	X	X	X
19A	Safety-belt anchorages, Isofix anchorages systems and Isofix top tether anchorages	Regulation (EC) No 661/2009 UN Regulation No 14	D	G+L	G+L	G+L
20A	Installation of lighting and light-signalling devices on vehicles	Regulation (EC) No 661/2009 UN Regulation No 48	A+N	A+G+N for the cab; A+N for the remaining part	A+G+N for the cab; A+N for the remaining part	A+G+N for the cab; A+N for the remaining part
21A	Retro-reflecting devices for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 3	X	X	X	X
22A	Front and rear position lamps, stop-lamps and end-outline marker	Regulation (EC) No 661/2009 UN Regulation No 7	X	X	X	X

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	lamps for motor vehicles and their trailers					
22B	Daytime running lamps for power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 87	X	X	X	X
22C	Side-marker lamps for motor vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 91	X	X	X	X
23A	Direction indicators for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 6	X	X	X	X
24A	Illumination of rear-registration plates of power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 4	X	X	X	X
25A	Power-driven vehicle's sealed-beam headlamps (SB) emitting an European asymmetrical passing beam or a driving beam or both	Regulation (EC) No 661/2009 UN Regulation No 31	X	X	X	X

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25B	Filament lamps for use in approved lamp units of power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 37	X	X	X	X
25C	Motor vehicle headlamps equipped with gas-discharge light sources	Regulation (EC) No 661/2009 UN Regulation No 98	X	X	X	X
25D	Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 99	X	X	X	X
25E	Motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules	Regulation (EC) No 661/2009 UN Regulation No 112	X	X	X	X
25F	Adaptive front-lighting	Regulation (EC) No 661/2009	X	X	X	X

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	systems (AFS) for motor vehicles	UN Regulation No 123				
26A	Power-driven vehicle front fog lamps	Regulation (EC) No 661/2009 UN Regulation No 19	X	X	X	X
27A	Towing device	Regulation (EC) No 661/2009 Regulation (EU) No 1005/2010	E	E	E	E
28A	Rear fog lamps for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 38	X	X	X	X
29A	Reversing lights for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 23	X	X	X	X
30A	Parking lamps for power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 77	X	X	X	X
31A	Safety-belts, restraint systems, child restraint systems and Isofix child restraint systems	Regulation (EC) No 661/2009 UN Regulation No 16	D	G+M	G+M	G+M

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32A	Forward field of vision	Regulation (EC) No 661/2009 UN Regulation No 125	X	G		
33A	Location and identification of hand controls, tell-tales and indicators	Regulation (EC) No 661/2009 UN Regulation No 121	X	X	X	X
34A	Windscreen defrosting and demisting systems	Regulation (EC) No 661/2009 Regulation (EU) No 672/2010	X	G ⁽⁵⁾	(⁵)	(⁵)
35A	Windscreen wiper and washer systems	Regulation (EC) No 661/2009 Regulation (EU) No 1008/2010	X	G ⁽⁶⁾	(⁶)	(⁶)
36A	Heating systems	Regulation (EC) No 661/2009 UN Regulation No 122	X	X	X	X
37A	Wheel guards	Regulation (EC) No 661/2009 Regulation (EU) No 1009/2010	X	G		
38A	Head restraints (headrests), whether or not incorporated in vehicle seats	Regulation (EC) No 661/2009 UN Regulation No 25	D	G+D		

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44A	Masses and dimensions	Regulation (EC) No 661/2009 Regulation (EU) No 1230/2012	X	X		
45A	Safety glazing materials and their installation on vehicles	Regulation (EC) No 661/2009 UN Regulation No 43	J	G+J	G+J	G+J
46A	Installation of tyres	Regulation (EC) No 661/2009 Regulation (EU) No 458/2011	X	G	G	G
46B	Pneumatic tyres for motor vehicles and their trailers (Class C ₁)	Regulation (EC) No 661/2009 UN Regulation No 30	X	G		
46C	Pneumatic tyres for commercial vehicles and their trailers (Classes C ₂ and C ₃)	Regulation (EC) No 661/2009 UN Regulation No 54	—	G	G	G
46D	Tyre rolling sound emissions, adhesion on wet surfaces and rolling resistance (Classes C ₁ , C ₂ and C ₃)	Regulation (EC) No 661/2009 UN Regulation No 117	X	G	G	G
46E	Temporary-use spare unit, run-flat tyres/	Regulation (EC) No 661/2009	X	G		

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	system and tyre pressure monitoring system	UN Regulation No 64				
47A	Speed limitation of vehicles	Regulation (EC) No 661/2009 UN Regulation No 89			X	X
48A	Masses and dimensions	Regulation (EC) No 661/2009 Regulation (EU) No 1230/2012			X	X
50A	Mechanical coupling components of combinations of vehicles	Regulation (EC) No 661/2009 UN Regulation No 55	X ⁽¹⁰⁾	G ⁽¹⁰⁾	G ⁽¹⁰⁾	G ⁽¹⁰⁾
51A	Burning behaviour of materials used in the interior construction of certain categories of motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 118				G for the cab; X for the remaining part
52A	M ₂ and M ₃ vehicles	Regulation (EC) No 661/2009 UN Regulation No 107			A	A
52B	Strength of the superstructure of large passenger vehicles	Regulation (EC) No 661/2009 UN Regulation No 66			A	A
53A	Protection of occupants	Regulation (EC) No 661/2009	N/A	N/A		

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	in the event of a frontal collision	UN Regulation No 94				
54A	Protection of occupants in the event of lateral collision	Regulation (EC) No 661/2009 UN Regulation No 95	N/A	N/A		
58	Pedestrian protection	Regulation (EC) No 78/2009	X	N/A However, any frontal protection systems supplied with the vehicle shall comply and shall be marked		
59	Recyclability	Directive 2005/64/EC	N/A	N/A		
61	Air-conditioning system	Directive 2006/40/EC	X	G ⁽¹⁴⁾		
62	Hydrogen system	Regulation (EC) No 79/2009	Q	G+Q	G+Q	G+Q
63	General safety	Regulation (EC) No 661/2009	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾
64	Gear shift indicators	Regulation (EC) No 661/2009 Regulation (EU) No 65/2012	X	G		
65	Advanced emergency braking system	Regulation (EC) No 661/2009 Regulation (EU) No 347/2012			N/A ⁽¹⁶⁾	N/A ⁽¹⁶⁾

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66	Lane departure warning system	Regulation (EC) No 661/2009 Regulation (EU) No 351/2012			N/A ⁽¹⁷⁾	N/A ⁽¹⁷⁾
67	Specific components for liquefied petroleum gases (LPG) and their installation on motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 67	X	X	X	X
68	Vehicle alarm systems (VAS)	Regulation (EC) No 661/2009 UN Regulation No 97	X	G		
69	Electrical safety	Regulation (EC) No 661/2009 UN Regulation No 100	X	X	X	X
70	Specific components for CNG and their installation on motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 110	X	X	X	X
72	eCall system	Regulation (EU) 2015/758	G	G	N/A	N/A

a Technically permissible maximum laden mass.

Additional requirements for ambulances

The patient compartment of ambulances shall comply with the requirements of EN 1789:2007 +A1: 2010 +A2:2014 on Medical vehicles and their equipment – Road ambulances with the exception of section 6.5, list of equipment. Proof of compliance shall be provided with a test report of a technical service. If a wheelchair space is foreseen, the requirements of Appendix 3 relating to the wheelchair tie-down and occupant restraint systems shall apply.

Changes to legislation: Regulation (EU) 2018/858 of the European Parliament and of the Council, ANNEX II is up to date with all changes known to be in force on or before 01 February 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

9B	Braking of passenger cars	Regulation (EC) No 661/2009 UN Regulation No 13-H	X ⁽⁴⁾		X ⁽⁴⁾						
10A	Electronic compatibility	Regulation (EC) No 661/2009 UN Regulation No 10	X	X	X	X	X	X	X	X	X
12A	Interior fittings	Regulation (EC) No 661/2009 UN Regulation No 21									
13A	Protection of motor vehicles against unauthorised use	Regulation (EC) No 661/2009 UN Regulation No 18	X ^(4A)	X ^(4A)		X ^(4A)	X ^(4A)				
13B	Protection of motor vehicles against unauthorised use	Regulation (EC) No 661/2009 UN Regulation No 116			X						
14A	Protection of the driver against the steering mechanism in the event of impact	Regulation (EC) No 661/2009 UN Regulation No 12			N/A						

Changes to legislation: Regulation (EU) 2018/858 of the European Parliament and of the Council, ANNEX II is up to date with all changes known to be in force on or before 01 February 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

19A	Safety-belt anchorages, Isofix anchorages systems and top tether anchorages	Regulation (EC) No 661/2009 No Regulation No 14	Ann	A	A	A	A	A				
20A	Installation of lighting and light-signalling devices on vehicles	Regulation (EC) No 661/2009 UN Regulation No 48	Ann	A+N	A+N	A+N	A+N	A+N	A+N	A+N	A+N	A+N
21A	Retro-reflecting devices for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 3	Ann	X	X	X	X	X	X	X	X	X
22A	Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 7	Ann	X	X	X	X	X	X	X	X	X
22B	Daytime running	Regulation (EC)	Ann	X	X	X	X	X				

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	lamps for power-driven vehicles	No 661/2009 UN Regulation No 87										
22C	Side-marker lamps for motor vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 91	X	X	X	X	X	X	X	X	X	X
23A	Directional indicators for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 6	X	X	X	X	X	X	X	X	X	X
24A	Illumination of rear-registration plates of power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 4	X	X	X	X	X	X	X	X	X	X
25A	Power-driven vehicle sealed-beam headlamps (SB) emitting an European asymmetrical passing beam or a driving	Regulation (EC) No 661/2009 UN Regulation No 31	X	X	X	X	X					

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	beam or both											
25B	Filament lamps for use in approved lamp units of power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 37	X	X	X	X	X	X	X	X	X	X
25C	Motor vehicle headlamps equipped with gas-discharge light sources	Regulation (EC) No 661/2009 UN Regulation No 98	X	X	X	X	X					
25D	Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 99	X	X	X	X	X					
25E	Motor vehicle headlamps emitting an asymmetric passing beam	Regulation (EC) No 661/2009 UN Regulation No 112	X	X	X	X	X					

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	for power-driven vehicles and their trailers	No 661/2009 UN Regulation No 23										
30A	Parking lamps for power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 77	X	X	X	X	X					
31A	Safety belts, restraint systems child restraint systems and Isofix child restraint systems	Regulation (EC) No 661/2009 UN Regulation No 16	A	A	A	A	A					
32A	Forward field of vision	Regulation (EC) No 661/2009 UN Regulation No 125										
33A	Location and identification of hand controls tell-tales and indicators	Regulation (EC) No 661/2009 UN Regulation No 121	X	X	X	X	X					
34A	Windscreens defrosting and demisting systems	Regulation (EC) No 661/2009 UN Regulation (EU)	(⁵)	(⁵)	(⁵)	(⁵)	(⁵)					

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		No 672/2010									
35A	Windscreens wiper and washer systems	Regulation (EC) No 661/2009 Regulation (EU) No 1008/2010	(⁶)	(⁶)	(⁶)	(⁶)	(⁶)				
36A	Heating systems	Regulation (EC) No 661/2009 UN Regulation No 122	X	X	X	X	X	X	X	X	X
37A	Wheel guards	Regulation (EC) No 661/2009 Regulation (EU) No 1009/2010	X								
38A	Head restraint (headrest), whether or not incorporated in vehicle seats	Regulation (EC) (No), 661/2009 UN Regulation No 25	X								
41A	Emission (Euro VI) heavy duty vehicles/ access to information	Regulation (EC) No 595/2009	X (⁹)	X	X (⁹)	X (⁹)	X				
42A	Lateral protection of goods vehicles	Regulation (EC) No 661/2009 UN Regulation				X	X			X	X

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		No 73										
43A	Spray suppression systems	Regulation (EC) No 661/2009 Regulation (EU) No 109/2011			X	X	X	X	X	X	X	X
44A	Masses and dimensions	Regulation (EC) No 661/2009 Regulation (EU) No 1230/2012										
45A	Safety glazing materials and their installation on vehicles	Regulation (EC) No 661/2009 UN Regulation No 43	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
46A	Installation of tyres	Regulation (EC) No 661/2009 Regulation (EU) No 458/2011	A	A	A	A	A	A	A	A	A	A
46B	Pneumatic tyres for motor vehicles and their trailers (Class C ₁)	Regulation (EC) No 661/2009 UN Regulation No 30			A			A	A			
46C	Pneumatic tyres for commercial vehicles	Regulation (EC) No 661/2009	A	A	A	A	A				A	A

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		No 1230/2012									
49A	Commercial vehicles with regard to their external projections forward of the cab's rear panel	Regulation (EC) No 661/2009 UN Regulation No 1230/2012			A	A	A				
50A	Mechanical coupling components of combination of vehicles	Regulation (EC) (10) No 661/2009 UN Regulation No 55	X (10)	X (10)	X (10)	X (10)	X (10)	X	X	X	X
50B	Close- coupling device (CCD), fitting of an approved type of CCD	Regulation (EC) No 661/2009 UN Regulation No 102				X (10)	X (10)			X (10)	X (10)
51A	Burning behaviour of materials used in the interior construction of certain categories of motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 118		X							
52A	M ₂ and	Regulation (EC)	A	A							

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	M ₃ vehicle	No 661/2009 UN Regulation No 107									
52B	Strengthening of the supervision of large passenger vehicles	Regulation (EC) No 661/2009 UN Regulation No 66	A	A							
53A	Protection of occupants in the event of a frontal collision	Regulation (EC) No 661/2009 UN Regulation No 64									
54A	Protection of occupants in the event of lateral collision	Regulation (EC) No 661/2009 UN Regulation No 65			N/A						
56A	Vehicle for the carriage of dangerous goods	Regulation (EC) No 661/2009 UN Regulation No 105			X ⁽¹³⁾	X ⁽¹³⁾	X ⁽¹³⁾	X ⁽¹³⁾	X ⁽¹³⁾	X ⁽¹³⁾	X ⁽¹³⁾
57A	Front underrun protection devices (FUPDs) and their installation; front underrun protection (FUP)	Regulation (EC) No 661/2009 UN Regulation No 63; Regulation (EC) No 661/2009 UN Regulation No 63				X	X				

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58	Pedestrian protection	Regulation (EC) No 78/2009	N/A			N/A						
59	Recycling	Directive 2005/64/EC	N/A			N/A						
61	Air-conditioning system	Directive 2006/40/EC	X		X ⁽¹⁴⁾							
62	Hydrogen system	Regulation (EC) No 79/2009	A	A	A	A	A					
63	General Safety	Regulation (EC) No 661/2009 ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾
64	Gear shift indicators	Regulation (EC) No 661/2009 Regulation (EU) No 65/2012	X									
65	Advanced emergency braking system	Regulation (EC) No 661/2009 Regulation (EU) No 347/2012	(¹⁶)	(¹⁶)		(¹⁶)	(¹⁶)					
66	Lane departure warning system	Regulation (EC) No 661/2009 Regulation (EU) No 351/2012	(¹⁷)	(¹⁷)		(¹⁷)	(¹⁷)					
67	Specific components for liquefied petroleum gases	Regulation (EC) No 661/2009 UN Regulation	X	X	X	X	X					

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	(LPG) No and their installation on motor vehicles	No 67										
68	Vehicle alarm system (VAS)	Regulation (EC) No 661/2009 UN Regulation No 97	X		X							
69	Electrical safety	Regulation (EC) No 661/2009 UN Regulation No 100	X	X	X	X	X					
70	Specific components for CNG and their installation on motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 110	X	X	X	X	X					
72	eCall system	Regulation (EU) 2015/758	N/A	N/A	G	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Appendix 3

Wheelchair accessible vehicles

Item	Subject	Regulatory act	M ₁
1A	Sound level	Regulation (EU) No 540/2014	G+W ₉
2	Emissions (Euro 5 and Euro 6) light duty vehicles/access to information	Regulation (EC) No 715/2007	G+W ₁

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3A	Prevention of fire risks (liquid fuel tanks)	Regulation (EC) No 661/2009 UN Regulation No 34	X+W ₂
3B	Rear underrun protective devices (RUPDs) and their installation; rear underrun protection (RUP)	Regulation (EC) No 661/2009 UN Regulation No 58	X
4A	Space for mounting and fixing rear registration plates	Regulation (EC) No 661/2009 Regulation (EU) No 1003/2010	X
5A	Steering equipment	Regulation (EC) No 661/2009 UN Regulation No 79	G
6A	Vehicle access and manoeuvrability (steps, running boards and handholds)	Regulation (EC) No 661/2009 Regulation (EU) No 130/2012	X
6B	Door latches and door retention components	Regulation (EC) No 661/2009 UN Regulation No 11	X
7A	Audible warning devices and signals	Regulation (EC) No 661/2009 UN Regulation No 28	X
8A	Devices for indirect vision and their installation	Regulation (EC) No 661/2009 UN Regulation No 46	X
9B	Braking of passenger cars	Regulation (EC) No 661/2009 UN Regulation No 13-H	G+A ₁
10A	Electromagnetic compatibility	Regulation (EC) No 661/2009 UN Regulation No 10	X
12A	Interior fittings	Regulation (EC) No 661/2009 UN Regulation No 21	G+C
13B	Protection of motor vehicles against unauthorised use	Regulation (EC) No 661/2009 UN Regulation No 116	X
14A	Protection of the driver against the	Regulation (EC) No 661/2009	G

Changes to legislation: Regulation (EU) 2018/858 of the European Parliament and of the Council, ANNEX II is up to date with all changes known to be in force on or before 01 February 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

	steering mechanism in the event of impact	UN Regulation No 12	
15A	Seats, their anchorages and any head restraints	Regulation (EC) No 661/2009 UN Regulation No 17	G+W ₃
16A	External projections	Regulation (EC) No 661/2009 UN Regulation No 26	G+W ₄
17A	Vehicle access and manoeuvrability (reverse gear)	Regulation (EC) No 661/2009 Regulation (EU) No 130/2012	X
17B	Speedometer equipment including its installation	Regulation (EC) No 661/2009 UN Regulation No 39	X
18A	Manufacturer's statutory plate and VIN	Regulation (EC) No 661/2009 Regulation (EU) No 19/2011	X
19A	Safety-belt anchorages, Isofix anchorages systems and Isofix top tether anchorages	Regulation (EC) No 661/2009 UN Regulation No 14	X+W ₅
20A	Installation of lighting and light-signalling devices on vehicles	Regulation (EC) No 661/2009 UN Regulation No 48	X
21A	Retro-reflecting devices for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 3	X
22A	Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 7	X
22B	Daytime running lamps for power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 87	X
22C	Side-marker lamps for motor vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 91	X
23A	Direction indicators for power-driven	Regulation (EC) No 661/2009	X

Changes to legislation: Regulation (EU) 2018/858 of the European Parliament and of the Council, ANNEX II is up to date with all changes known to be in force on or before 01 February 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

	vehicles and their trailers	UN Regulation No 6	
24A	Illumination of rear-registration plates of power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 4	X
25A	Power-driven vehicle's sealed-beam headlamps (SB) emitting an European asymmetrical passing beam or a driving beam or both	Regulation (EC) No 661/2009 UN Regulation No 31	X
25B	Filament lamps for use in approved lamp units of power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 37	X
25C	Motor vehicle headlamps equipped with gas-discharge light sources	Regulation (EC) No 661/2009 UN Regulation No 98	X
25D	Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 99	X
25E	Motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules	Regulation (EC) No 661/2009 UN Regulation No 112	X
25F	Adaptive front-lighting systems (AFS) for motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 123	X
26A	Power-driven vehicle front fog lamps	Regulation (EC) No 661/2009 UN Regulation No 19	X
27A	Towing device	Regulation (EC) No 661/2009 Regulation (EU) No 1005/2010	E

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28A	Rear fog lamps for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 38	X
29A	Reversing lights for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 23	X
30A	Parking lamps for power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 77	X
31A	Safety-belts, restraint systems, child restraint systems and Isofix child restraint systems	Regulation (EC) No 661/2009 UN Regulation No 16	X+W ₆
32A	Forward field of vision	Regulation (EC) No 661/2009 UN Regulation No 125	G
33A	Location and identification of hand controls, tell-tales and indicators	Regulation (EC) No 661/2009 UN Regulation No 121	X
34A	Windscreen defrosting and demisting systems	Regulation (EC) No 661/2009 Regulation (EU) No 672/2010	G ⁽⁵⁾
35A	Windscreen wiper and washer systems	Regulation (EC) No 661/2009 Regulation (EU) No 1008/2010	G ⁽⁶⁾
36A	Heating systems	Regulation (EC) No 661/2009 UN Regulation No 122	X
37A	Wheel guards	Regulation (EC) No 661/2009 Regulation (EU) No 1009/2010	G
38A	Head restraints (headrests), whether or not incorporated in vehicle seats	Regulation (EC) No 661/2009 UN Regulation No 25	X

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41A	Emissions (Euro VI) heavy duty vehicles/ access to information	Regulation (EC) No 595/2009	X+W ₁ ⁽⁹⁾
44A	Masses and dimensions	Regulation (EC) No 661/2009 Regulation (EU) No 1230/2012	X+W ₈
45A	Safety glazing materials and their installation on vehicles	Regulation (EC) No 661/2009 UN Regulation No 43	G
46A	Installation of tyres	Regulation (EC) No 661/2009 Regulation (EU) No 458/2011	X
46B	Pneumatic tyres for motor vehicles and their trailers (Class C ₁)	Regulation (EC) No 661/2009 UN Regulation No 30	X
46D	Tyre rolling sound emissions, adhesion on wet surfaces and rolling resistance (Classes C ₁ , C ₂ and C ₃)	Regulation (EC) No 661/2009 UN Regulation No 117	X
46E	Temporary-use spare unit, run-flat tyres/ system and tyre pressure monitoring system	Regulation (EC) No 661/2009 UN Regulation No 64	G ^(9A)
50A	Mechanical coupling components of combinations of vehicles	Regulation (EC) No 661/2009 UN Regulation No 55	X ⁽¹⁰⁾
53A	Protection of occupants in the event of a frontal collision	Regulation (EC) No 661/2009 UN Regulation No 94	N/A
54A	Protection of occupants in the event of lateral collision	Regulation (EC) No 661/2009 UN Regulation No 95	N/A
58	Pedestrian protection	Regulation (EC) No 78/2009	G
59	Recyclability	Directive 2005/64/EC	N/A

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61	Air-conditioning systems	Directive 2006/40/EC	G
62	Hydrogen system	Regulation (EC) No 79/2009	X
63	General Safety	Regulation (EC) No 661/2009	X ⁽¹⁵⁾
64	Gear shift indicators	Regulation (EC) No 661/2009 Regulation (EU) No 65/2012	G
67	Specific components for liquefied petroleum gases (LPG) and their installation on motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 67	X
68	Vehicle alarm systems (VAS)	Regulation (EC) No 661/2009 UN Regulation No 97	X
69	Electric safety	Regulation (EC) No 661/2009 UN Regulation No 100	X
70	Specific components for CNG and their installation on motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 110	X
72	eCall system	Regulation (EU) 2015/758	G

Additional requirements for testing the wheelchair tie-down and occupant restraint system

The following point 2 and either point 3 or 4 shall apply.

1. Definitions
 - 1.1. Surrogate wheelchair (SWC) means a rigid, re-usable test wheelchair, as defined in section 3 of international standard ISO 10542-1:2012.
 - 1.2. Point P means a representation of the position of the wheelchair occupant's hip when seated in the SWC, as defined in section 3 of international standard ISO 10542-1:2012.
2. General requirements
 - 2.1. Each wheelchair location shall be provided with anchorages to which a wheelchair tie-down and occupant restraint system (WTORS) shall be fitted.
 - 2.2. The wheelchair occupant's lower belt anchorages shall be located in accordance with UN Regulation No 14.07, paragraph 5.4.2.2, relative to Point P on the SWC, when placed in the travelling position designated by the manufacturer. The upper actual

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anchorage(s) shall be located at least 1 100 mm above the horizontal plane passing through the points of contact between the rear tyres of the SWC and the vehicle floor. That condition shall still be satisfied after the test carried out in accordance with point 3 of this Appendix.

2.3. An assessment shall be made of the WTORS occupant belt to ensure compliance with the UN Regulation No 16.06, paragraphs 8.2.2 to 8.2.2.4 and 8.3.1 to 8.3.4.

2.4. The minimum number of ISOFIX child seat anchorages need not to be provided. In the case of a multi-stage type-approval where an ISOFIX anchorage system has been affected by the conversion, either the system shall be re-tested or the anchorages shall be rendered unusable. In the latter case the ISOFIX labels shall be removed and appropriate information shall be given to the vehicle purchaser.

3. Static in-vehicle testing

3.1. Wheelchair occupant restraint anchorages

3.1.1. The wheelchair occupant restraint anchorages shall resist the static forces prescribed for occupant restraint anchorages in UN Regulation No 14.07, simultaneously with the static forces applied to the wheelchair tie-down anchorages as specified in point 3.2 of this Appendix.

3.2. Wheelchair tie-down anchorages

The wheelchair tie-down anchorages shall resist the following forces, for at least 0,2 seconds, applied via the SWC (or a suitable surrogate wheelchair having a wheelbase, seat height and tie-down attachment points in accordance with the specification for the SWC), at a height of 300 +/- 100 mm from the surface on which the SWC rests:

3.2.1. In the case of a forward-facing wheelchair, a simultaneous force, coincident with the force applied to the occupant restraint anchorages, of 24,5 kN, and

3.2.2. a second test applying a static force of 8,2 kN directed towards the rear of the vehicle.

3.2.3. In the case of a rearward-facing wheelchair, a simultaneous force, coincident with the force applied to the occupant restraint anchorages, of 8,2 kN, and

3.2.4. a second test applying a static force of 24,5 kN directed towards the front of the vehicle.

3.3. Components of the system

3.3.1. All components of the WTORS shall meet the relevant requirements of international standard ISO 10542-1:2012. However, the dynamic test specified in Annex A and paragraphs 5.2.2 and 5.2.3 of international standard ISO 10542-1:2012 shall be carried out on the complete WTORS using the vehicle anchorage geometry instead of the test geometry specified in Annex A of international standard ISO 10542-1:2012. This may be carried out within the vehicle structure or on a surrogate structure representative of the vehicle's WTORS anchorage geometry. The location of each anchorage shall lie within the tolerance provided for in paragraph 7.7.1 of UN Regulation No 16.06.

3.3.2. Where the occupant restraint part of the WTORS is approved in accordance with UN Regulation No 16.06, it shall be subject to the dynamic test of the complete WTORS specified in paragraph 3.3.1 of this Appendix but the requirements of paragraphs 5.1, 5.3 and 5.4 of international standard ISO10542-1:2012 shall be considered to have been met.

4. Dynamic in-vehicle testing

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- 4.1. The full assembly of the WTORS system shall be tested by an in-vehicle dynamic test in accordance with paragraphs 5.2.2 and 5.2.3 and Annex A of international standard ISO 10542-1:2012, testing all components/anchorages simultaneously, using a vehicle body-in-white or representative structure.
- 4.2. The component parts of the WTORS shall meet the relevant requirements of international standard ISO 10542-1:2012, paragraphs 5.1, 5.3 and 5.4. These requirements shall be deemed to have been met in respect of the occupant restraint if it is approved in accordance with UN Regulation No 16.06.

Appendix 4 Other special purpose vehicles (including special group, multi-equipment carrier and trailer caravans)

The exemptions provided for in this Appendix are only permitted if the manufacturer demonstrates to the satisfaction of the approval authority that the vehicle, due to the special function, cannot meet all the requirements set out in Part I of this Annex.

Item	Subject	Reference to regulatory act	M ₃	N ₁	N ₂	N ₃	O ₁	O ₂	O ₃	O ₄
1A	Sound level	Regulation (EU) No 540/2014	H	H	H	H	H			
2	Emission (Euro 5 and Euro 6) light duty vehicles/ access to information	Regulation (EC) No 715/2007		Q +V ₁ (1)	Q +V ₁ (1)					
3A	Prevention of fire risks (liquid fuel tanks)	Regulation (EC) No 661/2009 UN Regulation No 34	F	F	F	F	X	X	X	X
3B	Rear underrun protection devices (RUPDs) and their	Regulation (EC) No 661/2009 UN Regulation	X	A	A	A	X	X	X	X

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	installa rear underrun protection (RUP)	Non; 58									
4A	Space for mounting and fixing rear registrat plates	Regulation (EC) No 661/2009 Regulation (EU) No 1003/2010	A+R	A+R	A+R	A+R	A+R	A+R	A+R	A+R	A+R
5A	Steering equipment	Regulation (EC) No 661/2009 UN Regulation No 79	X	X	X	X	X	X	X	X	X
6A	Vehicle access and manoeuv (steps, running boards and handholds)	Regulation (EC) No 661/2009 Regulation (EU) No 130/2012	X	B	B	B					
6B	Door latches and door retention components	Regulation (EC) No 661/2009 UN Regulation No 11		B							
7A	Audible warning devices and signals	Regulation (EC) No 661/2009 UN Regulation No 28	X	X	X	X					
8A	Devices for indirect vision	Regulation (EC) No 661/2009	X	X	X	X					

Changes to legislation: Regulation (EU) 2018/858 of the European Parliament and of the Council, ANNEX II is up to date with all changes known to be in force on or before 01 February 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

	and their installation	UN Regulation No 46								
9A	Braking of vehicles and trailers	Regulation (EC) No 661/2009 UN Regulation No 13	X ⁽³⁾	X ⁽³⁾	X ⁽³⁾ +U ₁	X ⁽³⁾ +U ₁	X	X	X ⁽³⁾	X ⁽³⁾
9B	Braking of passenger cars	Regulation (EC) No 661/2009 UN Regulation No 13-H		X ⁽⁴⁾						
10A	Electromagnetic compatibility	Regulation (EC) No 661/2009 UN Regulation No 10	X	X	X	X	X	X	X	X
13A	Protection of motor vehicles against unauthorised use	Regulation (EC) No 661/2009 UN Regulation No 18	X ^(4A)		X ^(4A)	X ^(4A)				
13B	Protection of motor vehicles against unauthorised use	Regulation (EC) No 661/2009 UN Regulation No 116		X						
14A	Protection of the driver against the	Regulation (EC) No 661/2009 UN Regulation		X						

Changes to legislation: Regulation (EU) 2018/858 of the European Parliament and of the Council, ANNEX II is up to date with all changes known to be in force on or before 01 February 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

	steering mechanism in the event of impact	No									
15A	Seats, their anchorages and any head restraints	Regulation (EC) No 661/2009 UN Regulation No 17	Don (4B) (4B)	D	D	D	D				
15B	Seats of large passenger vehicles	Regulation (EC) No 661/2009 UN Regulation No 80	Don	D							
17A	Vehicle access and manoeuvres (reverse gear)	Regulation (EC) No 661/2009 UN Regulation No 130/2012	X	X	X	X					
17B	Speedometer equipment including its installation	Regulation (EC) No 661/2009 UN Regulation No 39	X	X	X	X					
18A	Manufacturer's statutory plate and VIN	Regulation (EC) No 661/2009 UN Regulation (EU) No 19/2011	X	X	X	X	X	X	X	X	X
19A	Safety belt anchorages,	Regulation (EC)	Don	D	D	D	D				

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	Isofix anchorage systems and Isofix top tether anchorages	No 661/2009 UN Regulation No 14									
20A	Installation of lighting and light-signalling devices on vehicles	Regulation (EC) No 661/2009 UN Regulation No 48	A+N	A+N	A+N	A+N	A+N	A+N	A+N	A+N	A+N
21A	Retro-reflecting devices for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 3	X	X	X	X	X	X	X	X	X
22A	Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 7	X	X	X	X	X	X	X	X	X
22B	Daytime running lamps for power-	Regulation (EC) No 661/2009 UN Regulation	X	X	X	X					

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	driven No vehicle87										
22C	Side- marker lamps for motor vehicle and their trailers	Regulation (EC) No 661/2009 UN Regulation No 91	X	X	X	X	X	X	X	X	X
23A	Directional indicator for power- driven vehicle and their trailers	Regulation (EC) No 661/2009 UN Regulation No 6	X	X	X	X	X	X	X	X	X
24A	Illumination of rear- registration plates of power- driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 4	X	X	X	X	X	X	X	X	X
25A	Power- driven vehicle sealed- beam headlamps (SB) No emitting an European asymmetrical passing beam or a driving beam or both	Regulation (EC) No 661/2009 UN Regulation No 31	X	X	X	X					

Changes to legislation: Regulation (EU) 2018/858 of the European Parliament and of the Council, ANNEX II is up to date with all changes known to be in force on or before 01 February 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) [View outstanding changes](#)

25B	Filament lamps for use in approved lamp units of power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 37	Yes	X	X	X	X	X	X	X	X
25C	Motor vehicle headlamps equipped with gas-discharge light sources	Regulation (EC) No 661/2009 UN Regulation No 98	Yes	X	X	X	X				
25D	Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 99	Yes	X	X	X	X				
25E	Motor vehicle headlamps emitting an asymmetric passing beam or a driving beam	Regulation (EC) No 661/2009 UN Regulation No 112	Yes	X	X	X	X				

Changes to legislation: Regulation (EU) 2018/858 of the European Parliament and of the Council, ANNEX II is up to date with all changes known to be in force on or before 01 February 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

	vehicles and their trailers	UN Regulation No 23								
30A	Parking lamps for power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 77	X	X	X	X				
31A	Safety belts, restraint systems, child restraint systems and Isofix child restraint systems	Regulation (EC) No 661/2009 UN Regulation No 16	D	D	D	D				
33A	Location and identification of hand control tell-tales and indicators	Regulation (EC) No 661/2009 UN Regulation No 121	X	X	X	X				
34A	Windscreens and demisting systems	Regulation (EC) No 661/2009 UN Regulation (EU) No 672/2010	(⁵)	(⁵)	(⁵)	(⁵)				
35A	Windscreens wiper and washer systems	Regulation (EC) No 661/2009 UN Regulation (EU) No 1008/2010	(⁶)	(⁶)	(⁶)	(⁶)				

Changes to legislation: Regulation (EU) 2018/858 of the European Parliament and of the Council, ANNEX II is up to date with all changes known to be in force on or before 01 February 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

36A	Heating systems	Regulation (EC) No 661/2009 UN Regulation No 122	X	X	X	X	X	X	X	X
38A	Head restraints (headrests), whether or not incorporated in vehicle seats	Regulation (EC) No 661/2009 UN Regulation No 25								
41A	Emission (Euro VI) heavy duty vehicles/ access to information	Regulation (EC) No 595/2009	H	H ⁽⁹⁾	H ⁽⁹⁾	H				
42A	Lateral protection of goods vehicles	Regulation (EC) No 661/2009 UN Regulation No 73			X	X			X	X
43A	Spray suppression systems	Regulation (EC) No 661/2009 UN Regulation (EU) No 109/2011		X	X	X	X	X	X	X
45A	Safety glazing materials and their installation	Regulation (EC) No 661/2009 UN Regulation	J	J	J	J	J	J	J	J

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46E	Temporary use spare unit, run-flat tyres/ system and tyre pressure monitoring system	Regulation (EC) No 661/2009 UN Regulation No 64	Non	X ^(9A)							
47A	Speed limitation of vehicles	Regulation (EC) No 661/2009 UN Regulation No 89	Non	X		X	X				
48A	Masses and dimensions	Regulation (EC) No 661/2009 Regulation (EU) No 1230/2012	Non	X	X	X	X	X	X	X	X
49A	Common requirements for external projections forward of the cab's rear panel	Regulation (EC) No 661/2009 UN Regulation No 10	Non		X	X	X				
50A	Mechanical coupling components of combination of vehicles	Regulation (EC) No 661/2009 UN Regulation No 10	Non	X ⁽¹⁰⁾	X ⁽¹⁰⁾	X ⁽¹⁰⁾	X ⁽¹⁰⁾	X	X	X	X

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		No 55								
50B	Close-coupling device (CCD) fitting of an approved type of CCD	Regulation (EC) No 661/2009 UN Regulation No 102			X ⁽¹⁰⁾	X ⁽¹⁰⁾			X ⁽¹⁰⁾	X ⁽¹⁰⁾
51A	Burning behaviour of materials used in the interior construction of certain categories of motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 118	X							
52A	M ₂ and M ₃ vehicles	Regulation (EC) No 661/2009 UN Regulation No 107	X							
52B	Strength of the superstructure of large passenger vehicles	Regulation (EC) No 661/2009 UN Regulation No 66	X							
54A	Protection of occupants in the event of	Regulation (EC) No 661/2009 UN Regulation		A						

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	lateral collision	No 95									
56A	Vehicle for the carriage of dangerous goods	Regulation (EC) No 661/2009 UN Regulation No 105		X ⁽¹³⁾	X ⁽¹³⁾	X ⁽¹³⁾	X ⁽¹³⁾	X ⁽¹³⁾	X ⁽¹³⁾	X ⁽¹³⁾	X ⁽¹³⁾
57A	Front underrun protection devices (FUPDs) and their installation; front underrun protection (FUP)	Regulation (EC) No 661/2009 (FUPD); Regulation No 95			X	X					
58	Pedestrian protection	Regulation (EC) No 78/2009		N/A ⁽²⁾							
59	Recycling	Directive 2005/64/EC		N/A							
61	Air-conditioning systems	Directive 2006/40/EC		X ⁽¹⁴⁾							
62	Hydrogen system	Regulation (EC) No 79/2009	X	X	X	X					
63	General Safety	Regulation (EC) No 661/2009 ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾
65	Advanced emergency braking system	Regulation (EC) No 661/2009 Regulation (EU) No 347/2012	N/A		N/A	N/A					

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66	Lane departure warning system	Regulation (EC) No 661/2009 Regulation (EU) No 351/2012	N/A	N/A	N/A	N/A				
67	Specific components for liquefied petroleum gases (LPG) and their installation on motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 67	X	X	X	X				
68	Vehicle alarm systems (VAS)	Regulation (EC) No 661/2009 UN Regulation No 97		X						
69	Electrical safety	Regulation (EC) No 661/2009 UN Regulation No 100	X	X	X	X				
70	Specific components for CNG and their installation on motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 110	X	X	X	X				
72	eCall system	Regulation (EU) 2015/758	N/A	G	N/A	N/A	N/A	N/A	N/A	N/A

Changes to legislation: Regulation (EU) 2018/858 of the European Parliament and of the Council, ANNEX II is up to date with all changes known to be in force on or before 01 February 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

Appendix 5

Mobile cranes

Item	Subject	Reference to regulatory act	N ₃
1A	Sound level	Regulation (EU) No 540/2014	T+Z ₁
3A	Prevention of fire risks (liquid fuel tanks)	Regulation (EC) No 661/2009 UN Regulation No 34	X
3B	Rear underrun protective devices (RUPDs) and their installation; rear underrun protection (RUP)	Regulation (EC) No 661/2009 UN Regulation No 58	A
4A	Space for mounting and fixing rear registration plates	Regulation (EC) No 661/2009 Regulation (EU) No 1003/2010	X
5A	Steering equipment	Regulation (EC) No 661/2009 UN Regulation No 79	X Crab steering allowed
6A	Vehicle access and manoeuvrability (steps, running boards and handholds)	Regulation (EC) No 661/2009 Regulation (EU) No 130/2012	A
7A	Audible warning devices and signals	Regulation (EC) No 661/2009 UN Regulation No 28	X
8A	Devices for indirect vision and their installation	Regulation (EC) No 661/2009 UN Regulation No 46	X
9A	Braking of vehicles and trailers	Regulation (EC) No 661/2009 UN Regulation No 13	U ⁽³⁾
10A	Electromagnetic compatibility	Regulation (EC) No 661/2009 UN Regulation No 10	X
13A	Protection of motor vehicles against unauthorised use	Regulation (EC) No 661/2009 UN Regulation No 18	X ^(4A)

Changes to legislation: Regulation (EU) 2018/858 of the European Parliament and of the Council, ANNEX II is up to date with all changes known to be in force on or before 01 February 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

15A	Seats, their anchorages and any head restraints	Regulation (EC) No 661/2009 UN Regulation No 17	X
17A	Vehicle access and manoeuvrability (reverse gear)	Regulation (EC) No 661/2009 Regulation (EU) No 130/2012	X
17B	Speedometer equipment including its installation	Regulation (EC) No 661/2009 UN Regulation No 39	X
18A	Manufacturer's statutory plate and VIN	Regulation (EC) No 661/2009 Regulation (EU) No 19/2011	X
19A	Safety-belt anchorages, Isofix anchorages systems and Isofix top tether anchorages	Regulation (EC) No 661/2009 UN Regulation No 14	X
20A	Installation of lighting and light-signalling devices on vehicles	Regulation (EC) No 661/2009 UN Regulation No 48	A+Y
21A	Retro-reflecting devices for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 3	X
22A	Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 7	X
22B	Daytime running lamps for power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 87	X
22C	Side-marker lamps for motor vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 91	X
23A	Direction indicators for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 6	X
24A	Illumination of rear-registration plates of power-driven	Regulation (EC) No 661/2009 UN Regulation No 4	X

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	vehicles and their trailers		
25A	Power-driven vehicle's sealed-beam headlamps (SB) emitting an European asymmetrical passing beam or a driving beam or both	Regulation (EC) No 661/2009 UN Regulation No 31	X
25B	Filament lamps for use in approved lamp units of power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 37	X
25C	Motor vehicle headlamps equipped with gas-discharge light sources	Regulation (EC) No 661/2009 UN Regulation No 98	X
25D	Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 99	X
25E	Motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules	Regulation (EC) No 661/2009 UN Regulation No 112	X
25F	Adaptive front-lighting systems (AFS) for motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 123	X
26A	Power-driven vehicle front fog lamps	Regulation (EC) No 661/2009 UN Regulation No 19	X
27A	Towing device	Regulation (EC) No 661/2009 Regulation (EU) No 1005/2010	A
28A	Rear fog lamps for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 38	X

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29A	Reversing lights for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 23	X
30A	Parking lamps for power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 77	X
31A	Safety-belts, restraint systems, child restraint systems and Isofix child restraint systems	Regulation (EC) No 661/2009 UN Regulation No 16	X
33A	Location and identification of hand controls, tell-tales and indicators	Regulation (EC) No 661/2009 UN Regulation No 121	X
34A	Windscreen defrosting and demisting systems	Regulation (EC) No 661/2009 Regulation (EU) No 672/2010	(⁵)
35A	Windscreen wiper and washer systems	Regulation (EC) No 661/2009 Regulation (EU) No 1008/2010	(⁶)
36A	Heating systems	Regulation (EC) No 661/2009 UN Regulation No 122	X
41A	Emissions (Euro VI) heavy duty vehicles/ access to information	Regulation (EC) No 595/2009	V
42A	Lateral protection of goods vehicles	Regulation (EC) No 661/2009 UN Regulation No 73	A
43A	Spray suppression systems	Regulation (EC) No 661/2009 Regulation (EU) No 109/2011	Z ₁
45A	Safety glazing materials and their installation on vehicles	Regulation (EC) No 661/2009 UN Regulation No 43	J
46A	Installation of tyres	Regulation (EC) No 661/2009 Regulation (EU) No 458/2011	X

Changes to legislation: Regulation (EU) 2018/858 of the European Parliament and of the Council, ANNEX II is up to date with all changes known to be in force on or before 01 February 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

46C	Pneumatic tyres for commercial vehicles and their trailers (Classes C ₂ and C ₃)	Regulation (EC) No 661/2009 UN Regulation No 54	X
46D	Tyre rolling sound emissions, adhesion on wet surfaces and rolling resistance (Classes C ₁ , C ₂ and C ₃)	Regulation (EC) No 661/2009 UN Regulation No 117	X
47A	Speed limitation of vehicles	Regulation (EC) No 661/2009 UN Regulation No 89	X
48A	Masses and dimensions	Regulation (EC) No 661/2009 Regulation (EU) No 1230/2012	A
49A	Commercial vehicles with regard to their external projections forward of the cab's rear panel	Regulation (EC) No 661/2009 UN Regulation No 61	A
50A	Mechanical coupling components of combinations of vehicles	Regulation (EC) No 661/2009 UN Regulation No 55	X ⁽¹⁰⁾
50B	Close-coupling device (CCD); fitting of an approved type of CCD	Regulation (EC) No 661/2009 UN Regulation No 102	X ⁽¹⁰⁾
57A	Front underrun protective devices (FUPDs) and their installation; front underrun protection (FUP)	Regulation (EC) No 661/2009 UN Regulation No 93	X
62	Hydrogen system	Regulation (EC) No 79/2009	X
63	General Safety	Regulation (EC) No 661/2009	X ⁽¹⁵⁾
65	Advanced emergency braking system	Regulation (EC) No 661/2009 Regulation (EU) No 347/2012	N/A ⁽¹⁶⁾
66	Lane departure warning system	Regulation (EC) No 661/2009	N/A ⁽¹⁷⁾

Changes to legislation: Regulation (EU) 2018/858 of the European Parliament and of the Council, ANNEX II is up to date with all changes known to be in force on or before 01 February 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

		Regulation (EU) No 351/2012	
67	Specific components for liquefied petroleum gases (LPG) and their installation on motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 67	X
69	Electric safety	Regulation (EC) No 661/2009 UN Regulation No 100	X
70	Specific components for CNG and their installation on motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 110	X

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Exceptional load transport vehicles

Item	Subject	Reference to regulatory act	N ₃	O ₄
1	Permissible sound level	Directive 70/157/EEC	T	
3A	Prevention of fire risks (liquid fuel tanks)	Regulation (EC) No 661/2009 UN Regulation No 34	X	X
3B	Rear underrun protective devices (RUPDs) and their installation; rear underrun protection (RUP)	Regulation (EC) No 661/2009 UN Regulation No 58	A	A
4A	Space for mounting and fixing rear registration plates	Regulation (EC) No 661/2009 Regulation (EU) No 1003/2010	X	A+R
5A	Steering equipment	Regulation (EC) No 661/2009 UN Regulation No 79	X Crab steering allowed	X
6A	Vehicle access and	Regulation (EC) No 661/2009	X	

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	manoeuvrability (steps, running boards and handholds)	Regulation (EU) No 130/2012		
7A	Audible warning devices and signals	Regulation (EC) No 661/2009 UN Regulation No 28	X	
8A	Devices for indirect vision and their installation	Regulation (EC) No 661/2009 UN Regulation No 46	X	
9A	Braking of vehicles and trailers	Regulation (EC) No 661/2009 UN Regulation No 13	U ⁽³⁾	X ⁽³⁾
10A	Electromagnetic compatibility	Regulation (EC) No 661/2009 UN Regulation No 10	X	X
13A	Protection of motor vehicles against unauthorised use	Regulation (EC) No 661/2009 UN Regulation No 18	X ^(4A)	
15A	Seats, their anchorages and any head restraints	Regulation (EC) No 661/2009 UN Regulation No 17	X	
17A	Vehicle access and manoeuvrability (reverse gear)	Regulation (EC) No 661/2009 Regulation (EU) No 130/2012	X	
17B	Speedometer equipment including its installation	Regulation (EC) No 661/2009 UN Regulation No 39	X	
18A	Manufacturer's statutory plate and VIN	Regulation (EC) No 661/2009 Regulation (EU) No 19/2011	X	X
19A	Safety-belt anchorages, Isofix anchorages systems and Isofix top tether anchorages	Regulation (EC) No 661/2009 UN Regulation No 14	X	

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20A	Installation of lighting and light-signalling devices on vehicles	Regulation (EC) No 661/2009 UN Regulation No 48	X	A+N
21A	Retro-reflecting devices for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 3	X	X
22A	Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 7	X	X
22B	Daytime running lamps for power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 87	X	
22C	Side-marker lamps for motor vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 91	X	X
23A	Direction indicators for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 6	X	X
24A	Illumination of rear-registration plates of power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 4	X	X
25A	Power-driven vehicle's sealed-beam headlamps (SB) emitting an European asymmetrical passing beam or a driving beam or both	Regulation (EC) No 661/2009 UN Regulation No 31	X	
25B	Filament lamps for use in approved lamp units of power-	Regulation (EC) No 661/2009 UN Regulation No 37	X	X

Changes to legislation: Regulation (EU) 2018/858 of the European Parliament and of the Council, ANNEX II is up to date with all changes known to be in force on or before 01 February 2024. There are changes that may be brought into force at a future date. Changes that have been made appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

	driven vehicles and their trailers			
25C	Motor vehicle headlamps equipped with gas-discharge light sources	Regulation (EC) No 661/2009 UN Regulation No 98	X	
25D	Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles	Regulation (EC) No 661/2009 UN Regulation No 99	X	
25E	Motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules	Regulation (EC) No 661/2009 UN Regulation No 112	X	
25F	Adaptive front-lighting systems (AFS) for motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 123	X	
26A	Power-driven vehicle front fog lamps	Regulation (EC) No 661/2009 UN Regulation No 19	X	
27A	Towing device	Regulation (EC) No 661/2009 Regulation (EU) No 1005/2010	A	
28A	Rear fog lamps for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 38	X	X
29A	Reversing lights for power-driven vehicles and their trailers	Regulation (EC) No 661/2009 UN Regulation No 23	X	X
30A	Parking lamps for power-driven vehicles	Regulation (EC) No 661/2009	X	

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		UN Regulation No 77		
31A	Safety-belts, restraint systems, child restraint systems and Isofix child restraint systems	Regulation (EC) No 661/2009 UN Regulation No 16	X	
33A	Location and identification of hand controls, tell-tales and indicators	Regulation (EC) No 661/2009 UN Regulation No 121	X	
34A	Windscreen defrosting and demisting systems	Regulation (EC) No 661/2009 Regulation (EU) No 672/2010	(⁵)	
35A	Windscreen wiper and washer systems	Regulation (EC) No 661/2009 Regulation (EU) No 1008/2010	(⁶)	
36A	Heating systems	Regulation (EC) No 661/2009 UN Regulation No 122	X	
41A	Emissions (Euro VI) heavy duty vehicles/access to information	Regulation (EC) No 595/2009	X (⁹)	
42A	Lateral protection of goods vehicles	Regulation (EC) No 661/2009 UN Regulation No 73	X	A
43A	Spray suppression systems	Regulation (EC) No 661/2009 Regulation (EU) No 109/2011	X	A
45	Safety glazing	Directive 92/22/ EEC	X	
45A	Safety glazing materials and their installation on vehicles	Regulation (EC) No 661/2009 UN Regulation No 43	X	
46A	Installation of tyres	Regulation (EC) No 661/2009 Regulation (EU) No 458/2011	X	I

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46C	Pneumatic tyres for commercial vehicles and their trailers (Classes C ₂ and C ₃)	Regulation (EC) No 661/2009 UN Regulation No 54	X	I
46D	Tyre rolling sound emissions, adhesion on wet surfaces and rolling resistance (Classes C ₁ , C ₂ and C ₃)	Regulation (EC) No 661/2009 UN Regulation No 117	X	I
47A	Speed limitation of vehicles	Regulation (EC) No 661/2009 UN Regulation No 89	X	
48A	Masses and dimensions	Regulation (EC) No 661/2009 Regulation (EU) No 1230/2012	A	A
49A	Commercial vehicles with regard to their external projections forward of the cab's rear panel	Regulation (EC) No 661/2009 UN Regulation No 61	A	
50A	Mechanical coupling components of combinations of vehicles	Regulation (EC) No 661/2009 UN Regulation No 55	X ⁽¹⁰⁾	X
50B	Close-coupling device (CCD); fitting of an approved type of CCD	Regulation (EC) No 661/2009 UN Regulation No 102	X ⁽¹⁰⁾	X ⁽¹⁰⁾
56A	Vehicles for the carriage of dangerous goods	Regulation (EC) No 661/2009 UN Regulation No 105	X ⁽¹³⁾	X ⁽¹³⁾
57A	Front underrun protective devices (FUPDs) and their installation;	Regulation (EC) No 661/2009 UN Regulation No 93	A	

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	front underrun protection (FUP)			
62	Hydrogen system	Regulation (EC) No 79/2009	X	
63	General Safety	Regulation (EC) No 661/2009	X ⁽¹⁵⁾	X ⁽¹⁵⁾
65	Advanced emergency braking system	Regulation (EC) No 661/2009 Regulation (EU) No 347/2012	N/A ⁽¹⁶⁾	
66	Lane departure warning system	Regulation (EC) No 661/2009 Regulation (EU) No 351/2012	N/A ⁽¹⁷⁾	
67	Specific components for liquefied petroleum gases (LPG) and their installation on motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 67	X	
69	Electric safety	Regulation (EC) No 661/2009 UN Regulation No 100	X	
70	Specific components for CNG and their installation on motor vehicles	Regulation (EC) No 661/2009 UN Regulation No 110	X	

^{F19}Explanatory Notes on the applicability of the requirements in this Part

X The requirements set out in the relevant regulatory act are applicable. The series of amendments of the UN Regulations that apply on a compulsory basis are listed in Annex IV to Regulation (EC) No 661/2009. The series of amendments adopted subsequently are accepted as an alternative. [^{F19}The approval authority] may grant extensions to existing type-approvals granted in accordance with the Directives repealed by Regulation (EC) 661/2009 under the conditions laid down in Article 13(14) of that Regulation.

N/A This regulatory act is not applicable to this vehicle (no requirements).

(¹) For vehicles with a reference mass not exceeding 2 610 kg. At the manufacturer's request, Regulation (EC) No 715/2007 may apply to vehicles with a reference mass not exceeding 2 840 kg.

With regard to access to information, for other parts (e.g. living compartment) than the base vehicle, it is sufficient that the manufacturer provides access to vehicle repair and maintenance information in a readily accessible and prompt manner.

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- (²) In case of vehicles equipped with a LPG or CNG installation, a vehicle type-approval in accordance with UN Regulation No 67 or UN Regulation No 110 is required.
- (³) The fitting of an ESC system is required by Article 12 and Article 13 of Regulation (EC) No 661/2009. However, in accordance with UN Regulation No 13, the fitting of an ESC system is not required for special purpose vehicles of categories M₂, M₃, N₂ and N₃ and for vehicles for exceptional load transport and trailers with areas for standing passengers. N₁ vehicles may be approved in accordance with UN Regulations No 13 or No 13-H.
- (⁴) The fitting of an ESC system is required by Article 12 and Article 13 of Regulation (EC) No 661/2009. Therefore, the requirements set out in Part A of Annex 9 to UN Regulation No 13-H shall be fulfilled. N₁ vehicles may be approved in accordance with UN Regulation No 13 or UN Regulation No 13-H.
- (^{4A}) If fitted, the protective device shall fulfil the requirements set out in UN Regulation No 18.
- (^{4B}) This Regulation applies to seats not falling within the scope of UN Regulation No 80. For other options, see Article 2 of Regulation (EC) No 595/2009.
- (⁵) Vehicles of categories other than M₁ do not need to fully comply with Regulation (EU) No 672/2010 but shall be fitted with a windscreen defrosting and demisting device.
- (⁶) Vehicles of categories other than M₁ do not need to fully comply with Regulation (EU) No 1008/2010 but shall be fitted with a windscreen washing and wiping devices.
- (⁸) For vehicles with a reference mass exceeding 2 610 kg and that did not benefit from the possibility offered in note (¹).
- (⁹) For vehicles with a reference mass exceeding 2 610 kg that are not type-approved (at the manufacturer's request and provided their reference mass does not exceed 2 840 kg) under Regulation (EC) No 715/2007. For other parts than the base vehicle, it is sufficient that the manufacturer provides access to vehicle repair and maintenance information in a readily accessible and prompt manner.
- (^{9A}) Applies only where such vehicles are fitted with equipment covered by UN Regulation No 64. Tyre pressure monitoring system for M₁ vehicles applies on a compulsory basis in accordance with Article 9(2) of Regulation (EC) No 661/2009.
- (¹⁰) Applies only to vehicles equipped with coupling(s).
- (¹¹) Applies to vehicles with a technically permissible maximum laden mass not exceeding 2,5 tonnes.
- (¹²) Only applicable to vehicles where the 'Seating Reference Point ("R" point)' of the lowest seat is not more than 700 mm above the ground level.
- (¹³) Applies only where the manufacturer applies for type-approval of vehicles intended for the transport of dangerous goods.
- (¹⁴) Applies only for vehicles of category N₁, class I (reference mass ≤ 1 305 kg).
- (¹⁵) At the request of the manufacturer, a type-approval may be granted under this item, as an alternative to obtaining type-approvals under each individual item covered by Regulation (EC) No 661/2009.

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- (¹⁶) The fitting of an advanced emergency braking system is not required for special purpose vehicles in accordance with Article 1 of Regulation (EU) No 347/2012.
- (¹⁷) The fitting of a lane departure warning system is not required for special purpose vehicles in accordance with Article 1 of Regulation (EU) No 351/2012.
- A The approval authority may only grant exemption(s) if the manufacturer demonstrates that the vehicle cannot meet the requirements due to its special purpose. The exemptions granted are to be described on the vehicle type-approval certificate and the certificate of conformity.
- A₁ The fitting of ESC is not mandatory. In the case of multi-stage type-approvals, where the modifications made at a particular stage are likely to affect the function of the base vehicle's ESC system, the manufacturer may either disable the system or demonstrate that the vehicle has not been rendered unsafe or unstable. This may be demonstrated, e.g., by performing rapid double lane-change manoeuvres in each direction at 80 km/h with sufficient severity to cause intervention by the ESC system. These interventions are to be well-controlled and should improve the stability of the vehicle. The technical service has the right to request further testing if deemed necessary.
- B Application limited to doors giving access to the seats designated for normal use where the vehicle is used on a public road and where the distance between the R point of the seat and the average plane of the door surface, measured perpendicular to the longitudinal median plane of the vehicle, does not exceed 500 mm.
- C Application limited to that part of the vehicle in front of the rearmost seat designated for normal use where the vehicle is used on a public road and also limited to the head impact zone as defined in the relevant regulatory act.
- D Application limited to seats designated for normal use where the vehicle is used on a public road. Seats that are not designated for use where the vehicle is used on the public road are to be clearly identified to users either by means of a pictogram or a sign with an appropriate text. The luggage retention requirements of UN Regulation No 17 do not apply.
- E Front only.
- F Modification to the routing and length of the refuelling duct and re-positioning of the tank inboard is permissible.
- G In case of multi-stage type-approval, requirements according to the category of the base/incomplete vehicle (e.g. the chassis of which was used to build the special purpose vehicle) may also be used.
- H Modification of exhaust system length after the last silencer not exceeding 2 m is permissible without any further test.
- I Tyres are to be type-approved in accordance with the requirements set out in UN Regulation No 54 even if the design speed of the vehicle is less than 80 km/h. The load capacity may be adjusted in relation to the maximum design speed of the trailer in agreement with the tyre manufacturer.
- J For all window glazing other than driver's cab glazing (windshield and side glasses), the material may be either of safety glass or rigid plastic glazing.
- K Additional panic alarm devices are permitted.
- L Application limited to seats designated for normal use where the vehicle is used on a public road. At least anchorages for lap belts are required in the rear seating positions. Seats that are not designated for use where the

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	vehicle is used on a public road are to be clearly identified to users either by means of a pictogram or a sign with an appropriate text. ISOFIX is not required on ambulances and hearses.
M	Application limited to seats designated for normal use where the vehicle is used on a public road. At least lap belts are required in all rear seating positions. Seats that are not designated for use when the vehicle is used on a public road are to be clearly identified to users either by means of a pictogram or a sign with an appropriate text. ISOFIX is not required on ambulances and hearses.
N	Provided that all mandatory lighting devices are installed and that the geometric visibility is not affected.
Q	Modification of exhaust system length after the last silencer not exceeding 2 m is permissible without any further test. [^{F20} A GB] type-approval granted to the most representative base vehicle remains valid irrespective of change in the reference weight.
R	[^{F21} Space must be provided for a registration plate meeting the requirements of the Road Vehicles (Display of Registration Marks) Regulations 2001].
S	The light transmission factor is at least 60 % and the ‘A’ pillar obstruction angle is not more than 10 degrees.
T	Test to be performed only with the complete/completed vehicle. [^{F22} The vehicle may be subjected to the test procedures described in Directive 70/157/EEC, as it had effect immediately before IP completion day]. Concerning point 5.2.2.1 of Annex I to Directive 70/157/EEC, the following limit values are applicable:
	(a) 81 dB(A) for vehicles with an engine power of less than 75 kW;
	(b) 83 dB(A) for vehicles with an engine power of not less than 75 kW but less than 150 kW;
	(c) 84 dB(A) for vehicles with an engine power of not less than 150 kW.
U	Test to be performed only with the complete/completed vehicle. Vehicles up to 4 axles are to comply with all the requirements laid down in the relevant regulatory acts. Derogations are admitted for vehicles having more than 4 axles, provided that:
	(a) they are justified by the particular construction; and
	(b) all the braking performances, related to parking, service and secondary braking laid down in the relevant regulatory act are fulfilled.
U ₁	ABS is not mandatory for vehicles with hydrostatic drive.
V	Alternatively, [^{F23} Regulation (EU) 2016/1628] may also apply.
V ₁	Alternatively, [^{F23} Regulation (EU) 2016/1628] may also apply to vehicles with hydrostatic drive.
W ₀	Modification of exhaust system length is permitted without any further test, provided that the back pressure is similar. If a new test is required, an extra 2dB(A) above the applicable limit is allowed.
W ₁	Modification in the exhaust system is permitted without any further test of tailpipe emissions and CO ₂ /fuel consumption provided that the emission control devices, including particulate filters (if any), are not

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affected. If the evaporative control devices are kept as fitted by the manufacturer of the base vehicle, no new evaporative test is required on the modified vehicle.

- [^{F24}A GB]** type-approval granted to the most representative base vehicle remains valid irrespective of change in the reference mass.
- W₂ Modification of the routing, length of the refuelling duct, fuel hoses and fuel vapour pipes is permitted without further test. Re-location of the original fuel tank is permitted provided all requirements are met. However, further testing in accordance with Annex 5 to UN Regulation No 34 are not required.
- W₃ The longitudinal plane of the intended wheelchair-travelling position should be parallel to the longitudinal plane of the vehicle.
- Appropriate information is to be made available to the vehicle owner that, in order to withstand the forces transmitted by the tie-down mechanism during the various driving conditions, a wheelchair with a structure meeting the relevant part of ISO 7176-19:2008 is recommended.
- The seats of the vehicle may be adapted without further testing, provided it can be demonstrated to the technical service that their anchorages, mechanisms and head restraints provide the same level of performance.
- The luggage retention requirements set out in UN Regulation No 17 do not apply.
- W₄ Compliance with the relevant regulatory act(s) is required for the boarding aids when in the resting position.
- W₅ Each wheelchair location is to be provided with anchorages to which a wheelchair tie-down and occupant restraint system (WTORS) is to be fitted, and that complies with the additional provisions for testing the wheelchair tie-down and occupant restraint system set out in Appendix 3.
- W₆ Each wheelchair location is to be provided with an occupant restraint belt that complies with the additional provisions for testing the wheelchair tie-down and occupant restraint system of set out in Appendix 3.
- When, due to the conversion, anchorage points for the safety belts need to be moved outside the tolerance provided for in paragraph 7.7.1 of UN Regulation No 16.06, the technical service is to check whether the alteration constitutes a worst case or not. If that is the case, the test provided for in paragraph 7.7.1. of UN Regulation No 16.06 is to be performed. [^{F25}An extension to the UNECE type-approval (or GB type-approval, if applicable) is not required.] The test may be performed using components that have not undergone the conditioning test prescribed by UN Regulation No 16.06.
- W₈ For the purposes of calculations, the mass of the wheel-chair including the user is assumed to be 160 kg. The mass is to be concentrated at the P point of the surrogate wheelchair in its travelling position declared by the manufacturer.

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W ₉	Any limitation in the passenger capacity resulting from the use of wheelchair(s) is to be recorded in the owner's handbook, on side 2 of the [F ²⁶ GB] type-approval certificate and in the certificate of conformity.
Y	Modification of the exhaust system length is permitted without the need for retesting, provided that the exhaust back pressure remains similar.
Z	Provided that all mandatory lighting devices are installed.
Z ₁	The requirements on the protrusion of open windows do not apply to the living compartment.
Z ₁	Mobile cranes with more than six axles are considered to be off-road vehicles (N ₃ G) when at least three axles are driven and provided they meet the provisions of point 4.3(b)(ii) and (iii), as well as point 4.3(c) of Part A of Annex I.

Textual Amendments

- F19** Words in Annex 2 Pt. 3 substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(6)(b)(i)**
- F20** Words in Annex 2 Pt. 3 substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(6)(b)(ii)**
- F21** Words in Annex 2 Pt. 3 substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(6)(b)(iii)**
- F22** Words in Annex 2 Pt. 3 substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(6)(b)(iv)**
- F23** Words in Annex 2 Pt. 3 substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(6)(b)(v)**
- F24** Words in Annex 2 Pt. 3 substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(6)(b)(vi)**
- F25** Words in Annex 2 Pt. 3 substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(6)(b)(vii)**
- F26** Word in Annex 2 Pt. 3 substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(6)(b)(viii)**

Textual Amendments

- F18** Word in Annex 2 Pt. 3 heading substituted (31.12.2022 at 11.00 p.m.) by [The Road Vehicles and Non-Road Mobile Machinery \(Type-Approval\) \(Amendment and Transitional Provisions\) \(EU Exit\) Regulations 2022 \(S.I. 2022/1273\)](#), regs. 1(2), **41(6)(a)**

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- (1) For subsequent amendments, see UNECE TRANS/WP.29/343.

Changes to legislation:

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Changes and effects yet to be applied to :

- Annex 2 Pt. I Table 1 TEXT addition by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. III Appendix 3 PT 5 addition by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. III Appendix 4 amendment by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. I Appendix 2 PT 4 TABL amendment by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. III Appendix 3 TABL amendment by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. III Appendix 2 TABL amendment by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. II Table TEXT repeal by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. III NOTE 17 repeal by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. III NOTE 16 repeal by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. III Appendix 1 TABL TEXT replacement by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. I Appendix 1 TABL 1 NOTE replacement by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. III NOTE 9A replacement by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. III NOTE replacement by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. III Appendix 5 TABL TEXT replacement by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. III NOTE 3 replacement by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. I Point 3A TABL TEXT replacement by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. III NOTE 4 replacement by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. I Appendix 1 TABL 1 NOTE replacement by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. III Appendix 6 TABL TEXT replacement by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. III NOTE 15 replacement by [EUR 2019/2144 Regulation](#)
- Annex 2 Text replacement by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. I Appendix 1 TABL 2 TEXT replacement by [EUR 2019/2144 Regulation](#)
- Annex 2 Pt. I Table 1 TEXT replacement by [EUR 2019/2144 Regulation](#)