

Changes to legislation: There are outstanding changes not yet made to Regulation (EU) 2019/2144 of the European Parliament and of the Council. Any changes that have already been made to the legislation appear in the content and are referenced with annotations. (See end of Document for details) View outstanding changes

ANNEX I

List of UN Regulations referred to in Article 4(2)

UN Regulation Number	Subject	Series of amendments published in the OJ	OJ Reference	Scope covered by the UN Regulation
1	Headlamps emitting an asymmetrical passing beam and/or driving beam equipped with filament lamps R2 and/or HS1	02 series of amendments	OJ L 177, 10.7.2010, p. 1	M, N ^a
3	Retro-reflecting devices for power-driven vehicles and their trailers	02 series of amendments	OJ L 323, 6.12.2011, p. 1	M, N, O
4	Illumination of rear-registration plates of power-driven vehicles and their trailers	Original version of the Regulation	OJ L 4, 7.1.2012, p. 17	M, N, O
6	Direction indicators for power-driven vehicles and their trailers	01 series of amendments	OJ L 213, 18.7.2014, p. 1	M, N, O
7	Front and rear position (side) lamps, stop-lamps and end# outline marker lamps for power-driven vehicles and their trailers	02 series of amendments	OJ L 285, 30.9.2014, p. 1	M, N, O
8	Motor vehicles headlamps (H1, H2, H3, HB3, HB4, H7, H8, H9, HIR1, HIR2 and/or H11)	05 series of amendments Corrigendum 1 to Revision 4	OJ L 177, 10.7.2010, p. 71	M, N ^a
10	Electromagnetic compatibility	05 series of amendments	OJ L 41, 17.2.2017, p. 1	M, N, O

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11	Door latches and door retention components	04 series of amendments	OJ L 218, 21.8.2019, p. 1	M ₁ , N ₁
12	Protection of the driver against the steering mechanism in the event of impact	04 series of amendments	OJ L 89, 27.3.2013, p. 1	M ₁ , N ₁
13	Braking of vehicles and trailers	11 series of amendments	OJ L 42, 18.2.2016, p. 1	M ₂ , M ₃ , N, O ^b
13-H	Braking of passenger cars	Original version of the Regulation	OJ L 335, 22.12.2015, p. 1	M ₁ , N ₁
14	Safety-belt anchorages	07 series of amendments	OJ L 218, 19.8.2015, p. 27	M, N
16	Safety-belts, restraint systems, child restraint systems and ISOFIX child restraint systems	07 series of amendments	OJ L 109, 27.4.2018, p. 1	M, N
17	Seats, their anchorages and any head restraints	08 series of amendments	OJ L 230, 31.8.2010, p. 81	M, N
18	Protection of motor vehicles against unauthorised use	03 series of amendments	OJ L 120, 13.5.2010, p. 29	M ₂ , M ₃ , N ₂ , N ₃
19	Power-driven vehicle front fog lamps	04 series of amendments	OJ L 250, 22.8.2014, p. 1	M, N
20	Headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with halogen filament lamps (H4 lamps)	03 series of amendments	OJ L 177, 10.7.2010, p. 170	M, N ^a
21	Interior fittings	01 series of amendments	OJ L 188, 16.7.2008, p. 32	M ₁
23	Reversing and manoeuvring	Original version of the Regulation	OJ L 237, 8.8.2014, p. 1	M, N, O

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	lamps for power-driven vehicles and their trailers			
25	Head restraints (headrests), whether or not incorporated in vehicle seats	04 series of amendments Corrigendum 2 to Revision 1	OJ L 215, 14.8.2010, p. 1	M ₁
26	External projections	03 series of amendments	OJ L 215, 14.8.2010, p. 27	M ₁
28	Audible warning devices and audible signals	Original version of the Regulation	OJ L 323, 6.12.2011, p. 33	M, N
29	Protection of the occupants of the cab of a commercial vehicle	03 series of amendments	OJ L 304, 20.11.2010, p. 21	N
30	Pneumatic tyres for motor vehicles and their trailers (Class C1)	02 series of amendments	OJ L 307, 23.11.2011, p. 1	M, N, O
31	Power-driven vehicle's sealed-beam headlamps (SB) emitting a European asymmetrical passing beam or a driving beam or both	02 series of amendments	OJ L 185, 17.7.2010, p. 15	M, N
34	Prevention of fire risks (liquid fuel tanks)	03 series of amendments	OJ L 231, 26.8.2016, p. 41	M, N, O
37	Filament lamps for use in approved lamp units of power# driven vehicles and their trailers	03 series of amendments	OJ L 213, 18.7.2014, p. 36	M, N, O
38	Rear fog lamps for power-driven vehicles and their trailers	Original version of the Regulation	OJ L 4, 7.1.2012, p. 20	M, N, O

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39	Speedometer and odometer equipment including its installation	01 series of amendments	OJ L 302, 28.11.2018, p. 106	M, N
43	Safety glazing materials and their installation on vehicles	01 series of amendments	OJ L 42, 12.2.2014, p. 1	M, N, O
44	Restraining devices for child occupants of power-driven vehicles ('Child Restraint Systems')	04 series of amendments	OJ L 265, 30.9.2016, p. 1	M, N
45	Headlamps cleaners	01 series of amendments		M, N
46	Devices for indirect vision and their installation	04 series of amendments	OJ L 237, 8.8.2014, p. 24	M, N
48	Installation of lighting and light-signalling devices on motor vehicles	06 series of amendments	OJ L 14, 16.1.2019, p. 42	M, N, O ^c
54	Pneumatic tyres for commercial vehicles and their trailers (Classes C2 and C3)	Original version of the Regulation	OJ L 307, 23.11.2011, p. 2	M, N, O
55	Mechanical coupling components of combinations of vehicles	01 series of amendments	OJ L 153, 15.6.2018, p. 179	M, N, O ^c
58	Rear underrun protective devices (RUPDs) and their installation; Rear underrun protection (RUP)	03 series of amendments	OJ L 49, 20.2.2019, p. 1	M, N, O
61	Commercial vehicles with regard to	Original version of the Regulation	OJ L 164, 30.6.2010, p. 1	N

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	their external projections forward of the cab's rear panel			
64	Temporary# use spare unit, run-flat tyres/ system (and tyre pressure monitoring system)	02 series of amendments	OJ L 310, 26.11.2010, p. 18	M ₁ , N ₁
66	Strength of the superstructure of large passenger vehicles	02 series of amendments	OJ L 84, 30.3.2011, p. 1	M ₂ , M ₃
67	Motor vehicles using LPG	01 series of amendments	OJ L 285, 20.10.2016, p. 1	M, N
73	Lateral protection devices of goods vehicles	01 series of amendments	OJ L 122, 8.5.2012, p. 1	N ₂ , N ₃ , O ₃ , O ₄
77	Parking lamps for power-driven vehicles	Original version of the Regulation	OJ L 4, 7.1.2012, p. 21	M, N
79	Steering equipment	03 series of amendments	OJ L 318, 14.12.2018, p. 1	M, N, O
80	Seats of large passenger vehicles	03 series of amendments	OJ L 226, 24.8.2013, p. 20	M ₂ , M ₃
87	Daytime running lamps for power-driven vehicles	Original version of the Regulation	OJ L 4, 7.1.2012, p. 24	M, N
89	Speed limitation devices and adjustable speed limitation devices	Original version of the Regulation	OJ L 4, 7.1.2012, p. 25	M, N ^d
90	Replacement brake lining assemblies, drum-brake linings and discs and drums for power-driven vehicles and their trailers	02 series of amendments	OJ L 290, 16.11.2018, p. 54	M, N, O

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91	Side-marker lamps for motor vehicles and their trailers	Original version of the Regulation	OJ L 4, 7.1.2012, p. 27	M, N, O
93	Front underrun protective devices (FUPDs) and their installation; front underrun protection (FUP)	Original version of the Regulation	OJ L 185, 17.7.2010, p. 56	N ₂ , N ₃
94	Protection of occupants in the event of a frontal collision	03 series of amendments	OJ L 35, 8.2.2018, p. 1	M ₁
95	Protection of occupants in the event of a lateral collision	03 series of amendments	OJ L 183, 10.7.2015, p. 91	M ₁ , N ₁
97	Vehicle Alarm Systems (VAS)	01 series of amendments	OJ L 122, 8.5.2012, p. 19	M ₁ , N ₁ ^e
98	Motor vehicle headlamps equipped with gas-discharge light sources	01 series of amendments	OJ 176, 14.6.2014, p. 64	M, N
99	Gas-discharge light sources for use in approved gas#discharge lamp units of power-driven vehicles	Original version of the Regulation	OJ L 320, 17.12.2018, p. 45	M, N
100	Electric safety	02 series of amendments	OJ L 302, 28.11.2018, p. 114	M, N
102	Close-coupling device (CCD); fitting of an approved type of CCD	Original version of the Regulation	OJ L 351, 30.12.2008, p. 44	N ₂ , N ₃ , O ₃ , O ₄
104	Retro-reflective markings (heavy and long vehicles)	Original version of the Regulation	OJ L 75, 14.3.2014, p. 29	M ₂ , M ₃ , N, O ₂ , O ₃ , O ₄

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105	Vehicles for the carriage of dangerous goods	05 series of amendments	OJ L 4, 7.1.2012, p. 30	N, O
107	General construction of category M2 and M3 vehicles	07 series of amendments	OJ L 52, 23.2.2018, p. 1	M ₂ , M ₃
108	Retreaded pneumatic tyres for passenger cars and their trailers	Original version of the Regulation	OJ L 181, 4.7.2006, p. 1	M ₁ , O ₁ , O ₂
109	Retreaded pneumatic tyres for commercial vehicles and their trailers	Original version of the Regulation	OJ L 181, 4.7.2006, p. 1	M ₂ , M ₃ , N, O ₃ , O ₄
110	Specific components for CNG and LNG	01 series of amendments	OJ L 166, 30.6.2015, p. 1	M, N
112	Motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules	01 series of amendments	OJ L 250, 22.8.2014, p. 67	M, N
114	Replacement Airbag Systems	Original version of the Regulation	OJ L 373, 27.12.2006, p. 272	M ₁ , N ₁
115	LPG and CNG retrofit systems	Original version of the Regulation	OJ L 323, 7.11.2014, p. 91	M, N
116	Protection of motor vehicles against unauthorised use	Original version of the Regulation	OJ L 45, 16.2.2012, p. 1	M ₁ , N ₁ ^e
117	Tyres with regard to rolling sound emissions, adhesion on wet surfaces and rolling resistance	02 series of amendments	OJ L 218, 12.8.2016, p. 1	M, N, O

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	(Classes C1, C2 and C3)			
118	Fire resistance of interior materials in buses	02 series of amendments	OJ L 102, 21.4.2015, p. 67	M ₃
119	Cornering lamps	01 series of amendments	OJ L 89, 25.3.2014, p. 101	M, N
121	Location and identification of hand controls, tell-tales and indicators	01 series of amendments	OJ L 5, 8.1.2016, p. 9	M, N
122	Heating systems of vehicles	Original version of the Regulation	OJ L 164, 30.6.2010, p. 231	M, N, O
123	Adaptive front-lighting systems (AFS) for motor vehicles	01 series of amendments	OJ L 49, 20.2.2019, p. 24	M, N
124	Replacement wheels	Original version of the Regulation	OJ L 375, 27.12.2006, p. 568	M ₁ , N ₁ , O ₁ , O ₂
125	Forward field of vision	01 series of amendments	OJ L 20, 25.1.2018, p. 16	M ₁
126	Partitioning systems	Original version of the Regulation		M ₁
127	Pedestrian safety	02 series of amendments		M ₁ , N ₁
128	Light Emitting Diode (LED) light sources	Original version of the Regulation	OJ L 320, 17.12.2018, p. 63	M, N, O
129	Enhanced Child Restraint Systems	Original version of the Regulation	OJ L 97, 29.3.2014, p. 21	M, N
130	Lane Departure Warning Systems	Original version of the Regulation	OJ L 178, 18.6.2014, p. 29	M ₂ , M ₃ , N ₂ , N ₃ ^f
131	Advanced Emergency Braking Systems	01 series of amendments	OJ L 214, 19.7.2014, p. 47	M ₂ , M ₃ , N ₂ , N ₃ ^f
134	Hydrogen safety	Original version of the Regulation	OJ L 129, 17.5.2019, p. 43	M, N

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135	Pole side impact	01 series of amendments		M ₁ , N ₁
137	Frontal full-width impact	01 series of amendments		M ₁
139	Brake Assist Systems	Original version of the Regulation	OJ L 269, 26.10.2018, p. 1	M ₁ , N ₁
140	Electronic Stability Control Systems	Original version of the Regulation	OJ L 269, 26.10.2018, p. 17	M ₁ , N ₁
141	Tyre Pressure Monitoring Systems	Original version of the Regulation	OJ L 269, 26.10.2018, p. 36	M ₁ , N ₁ ^g
142	Tyre installation	Original version of the Regulation		M ₁
145	Child restraint anchorages	Original version of the Regulation		M ₁

a UN Regulation Nos 1, 8 and 20 are not applicable for EU type-approval of vehicles.

b The mandatory fitting of a stability control function is required in accordance with the UN Regulations. However, it is also mandatory for vehicles of category N₁.

c Where it is declared by the vehicle manufacturer that a vehicle is suitable for towing loads (point 2.11.5 of the information document referred to in Article 24(1) of Regulation (EU) 2018/858) and any part of a suitable mechanical coupling device, whether fitted or not to the type of motor-vehicle, could (partly) obscure any lighting component and/or the space for mounting and fixing the rear registration plate, the following shall apply:

- the motor-vehicle's user instructions (e.g. owner's manual, vehicle handbook) shall clearly specify that installation of a mechanical coupling device that cannot be easily removed or repositioned is not permitted,
- the instructions shall also clearly specify that, when fitted, a mechanical coupling device must always be removed or repositioned when it is not in use, and
- in the case of vehicle system type-approval in accordance with UN Regulation No 55, it shall be ensured that the removal, repositioning and/or alternate location provisions are also fully complied with as regards lighting installation and space for mounting and fixing the rear registration plate.

d Only Speed Limitation Devices (SLD) and the mandatory installation of SLD on vehicles of category M₂, M₃, N₂ and N₃ are concerned.

e Devices to prevent unauthorised use shall be fitted on vehicles of categories M₁ and N₁ and immobiliser systems shall be fitted on vehicles of category M₁.

f See explanatory note ⁴ to the table in Annex II.

g For vehicles of categories M₁ with a maximum mass ≤ 3 500 kg and N₁, that are not fitted with twin wheels on an axle.

Notes to the table

The series of amendments indicated in the table reflects the version that has been published in the Official Journal of the European Union and is without prejudice to the series of amendments that shall be complied with on the basis of the transitional provisions provided therein.

Compliance with a series of amendments adopted after the particular series indicated in the table shall be accepted as an alternative.

The dates specified in the relevant series of amendments of the UN Regulations listed in the table, as regards the obligations of Contracting Parties to the 'Revised 1958 Agreement', linked to first registration, entry into service, making available on the market, sale, the recognition of type#approvals, and any similar provisions, apply on a compulsory basis for the purposes of Articles 48 and 50 of Regulation (EU) 2018/858 except where alternative dates are specified in Annex II to this Regulation in which case those alternative dates are to be followed instead.

In certain instances, a UN Regulation listed in the table provides in its transitional provisions that as from a specified date, Contracting Parties to the 'Revised 1958 Agreement' applying a certain series of amendments to that UN Regulation shall not be obliged to accept or may refuse to accept, for the purpose of national or regional type-approval, a type approved in accordance with a preceding series of amendments, or wording with similar intention and meaning. This shall be construed as

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	No 126													
A8	UN Child Regulation restraint anchors 145	A												
A9	UN Child Regulation restraint systems 14	A ^a	A ^a	A ^a	A ^a	A ^a	A ^a					A	A	
A10	UN Enhanced child restraint systems 129	X	X	X	X	X	X						B	B
A11	UN Front under protection 13					A	A						A	A
A12	UN Rear under protection 18	A	A	A	A	A	A	A	A	A	A	A	A	A
A13	UN Lateral protection 73					A	A			A	A			
A14	UN Fuel tank safety 34	A	A	A	A	A	A	A	A	A	A	A	A	
A15	UN Liquefied petroleum gas safety 67	A	A	A	A	A	A							A
A16	UN Compressed and liquefied natural gas safety 10	A	A	A	A	A	A							A
A17	UN Hydrogen safety 134	A	A	A	A	A	A							A

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		‘Hybrid III’ crash dummy is permitted until the test device for human occupant restraint ‘THOR’ is available in the UN Regulation.										
A22	UN Regulation No 12	Protection of steering	A			A						A
A23	UN Regulation No 114	Replacement of airbags	X			X						B
A24	UN Regulation No 29	Cab impact				A	A	A				
A25	UN Regulation No 95	Side impact	Applies to all vehicles of categories M1 and N1 including those with R point of the lowest seat			A						

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		> 700 mm from ground level. For vehicles having R point of the lowest seat > 700 mm from ground level, dates in Note B apply.											
A26	UN Regulation No 135		B			B							
A27	UN Regulation No 34	Applies to vehicle categories M1 with a maximum mass ≤ 3 500 kg and N1. Post-crash electrical safety requirements shall	B			B							

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		be ensured.												
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Requirements concerning
BVULNERABLE ROAD USERS, VISION AND VISIBILITY

B1	UN Regulation No 127	Pedestrian leg and head protection	A			A								
B2	UN Regulation No 27	Child and adult headform test area are bounded by the 'adult wrap-around-distance' of 2 500 mm or 'windscreen rear reference line' whichever is more forward. Headform contact with A-pillars, windscreen header and cowl is excluded, but shall	C			C								

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C13	UN Tyre Regulation No 117 for light-duty vehicles	Applies to vehicle categories M1 with a maximum mass ≤ 3 500 kg and N1.	A			B								
C14	Tyre pressure monitoring for heavy-duty vehicles			B	B		B	B			B	B		
C15	UN Tyre Regulation 142 installation	Applies to all vehicle categories.	A	A	A	A	A	A	A	A	A	A		
C16	UN Regulation No 124 Replacement wheels		X			X			X	X				B

Requirements concerning
 DON-BOARD INSTRUMENTS, ELECTRICAL SYSTEM, VEHICLE LIGHTING AND
 PROTECTION AGAINST UNAUTHORISED USE, INCLUDING CYBERATTACKS

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D1	UN Regulation No 28 Audible warning		A	A	A	A	A	A						A
D2	UN Regulation No 100 Radio interference (electromagnetic compatibility)		A	A	A	A	A	A	A	A	A	A	A	A
D3	UN Regulation No 18 Protection against unauthorised use,		A	A ^a	A ^a	A	A ^a	A ^a					A	A

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reflective devices	UN Regulation No 104													
D14 Light source	UN Regulation No 37 UN Regulation No 99 UN Regulation No 128	X	X	X	X	X	X	X	X	X	X	X		A
D15 Install of light signalling, road illumination and retro-reflective devices	UN Regulation No 48	A	A	A	A	A	A	A	A	A	A	A		
D16 Emergency Stop Signal		B	B	B	B	B	B							
D17 Headlamp cleaners	UN Regulation No 45	A ^a	A ^a	A ^a	A ^a	A ^a	A ^a							A
D18 Gear shift indicator		A												

Requirements concerning
EDRIVER AND SYSTEM BEHAVIOUR

E1 Alcohol interlock installation facilitation	EN 50436:2016	B	B	B	B	B	B							
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E2 Driver drowsiness and attention warning			B	B	B	B	B	B						
E3 Advanced driver distraction warning		Distraction avoidance by technical means may also be taken into consideration	C	C	C	C	C	C						
E4 Driver availability monitoring system			B ^e	B ^e	B ^e	B ^e	B ^e	B ^e						
E5 Event data recorder			B	D	D	B	D	D					B	
E6 Systems to replace driver's control			B ^e	B ^e	B ^e	B ^e	B ^e	B ^e						
E7 Systems to provide the vehicle with information on state of vehicle and surrounding area			B ^e	B ^e	B ^e	B ^e	B ^e	B ^e						
E8 Platooning				B ^a	B ^a		B ^a	B ^a						

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- a** Compliance is required if fitted.
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- b** Vehicles of this category shall be fitted with an adequate windscreen defrosting and demisting device.
-
- c** Vehicles of this category shall be fitted with adequate windscreen washing and wiping devices.
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- d** The following vehicles are exempted:
- semi-trailer towing vehicles of category N2 with a maximum mass exceeding 3,5 tonnes but not exceeding 8 tonnes,
 - vehicles of categories M2 and M3 of Class A, Class I and Class II as defined in paragraph 2.1 of UN Regulation No 107,
 - articulated buses of category M3 of Class A, Class I and Class II as defined in paragraph 2.1 of UN Regulation No 107,
 - off-road vehicles of categories M2, M3, N2 and N3,
 - special purpose vehicles of categories M2, M3, N2 and N3, and
 - vehicles of categories M2, M3, N2 and N3 with more than three axles.
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- e** Compliance is required in case of automated vehicles.
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- f** For motor vehicles with hydraulic power assisted steering systems dates in Note C apply. Those vehicles, however, shall be equipped with a lane departure warning system instead.
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Notes to the table

A: Date for the prohibition of the registration of vehicles, as well as the placing on the market and entry into service of components and separate technical units: 6 July 2022

B: Date for refusal to grant EU type-approval: 6 July 2022

Date for the prohibition of the registration of vehicles, as well as the placing on the market and entry into service of components and separate technical units: 7 July 2024

C: Date for refusal to grant EU type-approval: 7 July 2024

Date for the prohibition of the registration of vehicles, as well as the placing on the market and entry into service of components and separate technical units: 7 July 2026

D: Date for refusal to grant EU type-approval: 7 January 2026

Date for the prohibition of the registration of vehicles, as well as the placing on the market and entry into service of components and separate technical units: 7 January 2029

X: The component or separate technical unit in question applies to the vehicle categories as indicated.

ANNEX III

Amendments to Annex II to Regulation (EU) 2018/858

Annex II to Regulation (EU) 2018/858 is amended as follows:

- (1) references to ‘Regulation (EC) No 661/2009’ are amended as follows:
 - (a) in the table in Part I, in the entry for item 3A, the reference in the third column to ‘Regulation (EC) No 661/2009’ is replaced by the following:

Regulation (EU) 2019/2144 of the European Parliament and of the Council⁽¹⁾
 - (b) each subsequent reference to ‘Regulation (EC) No 661/2009’ throughout Annex II is replaced by a reference to ‘Regulation (EU) 2019/2144’;
- (2) Part I is amended as follows:
 - (a) the table is amended as follows:
 - (i) the following entry is inserted after the entry for item 54A:

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- (i) explanatory notes 3 and 4 are replaced by the following:
- (3) The fitting of vehicle stability function is required in accordance with Article 4(5) of Regulation (EU) 2019/2144.
- (4) The fitting of an electronic stability control system is required in accordance with Article 4(5) of Regulation (EU) 2019/2144.;
- (ii) explanatory note 9A is replaced by the following:
- (9A) The fitting of a tyre pressure monitoring system is required in accordance with Article 5(1) of Regulation (EU) 2019/2144.;
- (iii) explanatory note 15 is replaced by the following:
- (15) Compliance with Regulation (EU) 2019/2144 is mandatory. However, type-approval under this specific item is not envisaged as it merely represents the collection of individual items listed elsewhere in the table that make reference to Regulation (EU) 2019/2144.;
- (c) in Appendix 1, Table 1 is amended as follows:
- (i) the entry for item 46A is replaced by the following:

46A	Installation of tyres	Regulation (EU) 2019/2144 UN Regulation No 142		B;
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- (ii) the entry for item 58 is replaced by the following:

58	Pedestrian protection	Regulation (EU) 2019/2144 UN Regulation No 127		C Date for refusal to grant EU type# approval: 7 January 2026 Date for the prohibition of the registration of vehicles: 7 July 2034;
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(iii) the entries for items 62 and 63 are replaced by the following:

62	Hydrogen system	Regulation (EU) 2019/2144 UN Regulation No 134		X
63	General safety	Regulation (EU) 2019/2144		Compliance with Regulation (EU) 2019/2144 is mandatory. However, type-approval under this specific item is not envisaged as it merely represents the collection of individual items listed elsewhere in the table that make reference to Regulation (EU) 2019/2144.;

(d) the explanatory note NA to Table 1 of Appendix 1 is replaced by the following:

N/A

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

(e) in Appendix 1, Table 2 is amended as follows:

(i) the entry for item 46A is replaced by the following:

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46A	Installation of tyres	Regulation (EU) 2019/2144 UN Regulation No 142		B;
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(ii) the entry for item 58 is replaced by the following:

58	Pedestrian protection	Regulation (EU) 2019/2144 UN Regulation No 127		C Date for refusal to grant EU type# approval: 7 January 2026 Date for the prohibition of the registration of vehicles: 7 July 2034;
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(iii) the entries for items 62 and 63 are replaced by the following:

62	Hydrogen system	Regulation (EU) 2019/2144 UN Regulation No 134		X
63	General safety	Regulation (EU) 2019/2144		Compliance with Regulation (EU) 2019/2144 is mandatory. However, type-approval under this specific item is not envisaged as it merely represents the collection

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			of individual items listed elsewhere in the table that make reference to Regulation (EU) 2019/2144.;
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(f) in Appendix 2, point 4 is amended as follows:

(i) the table ‘Part I: Vehicles belonging to category M1’ is amended as follows:

— the entry for item 58 is replaced by the following:

58	UN Regulation No 127 Regulation (EU) 2019/2144 (Pedestrian protection)	Vehicles shall be fitted with an electronic antilock braking system acting on all wheels. The requirements of UN Regulation No 127 shall apply. Any frontal protection system shall either be an integral part of the vehicle and thus compliant with the requirements of UN Regulation No 127 or be type#approved as separate technical unit.;
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— the following entry is inserted after the entry for item 61:

62	UN Regulation No 134 Regulation (EU) 2019/2144 (Hydrogen system)	The requirements of UN Regulation No 134 shall apply. Alternatively, it shall be
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demonstrated that the vehicle complies with:

- Substantive requirements of Regulation (EC) No 79/2009 in its version applicable on 5 July 2022;
- Attachment 100 – Technical Standard For Fuel Systems Of Motor Vehicle Fueled By Compressed Hydrogen Gas (Japan); GB/T 24549-2009 Fuel cell electric vehicles – safety requirements (China);
- International standard ISO 23273:2013 Part 1: Vehicle functional safety and Part 2: Protection

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		against hydrogen hazards for vehicles fuelled with compressed hydrogen; or SAE J2578 – General Fuel Cell Vehicle Safety;
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(ii) the table ‘Part II Vehicles belonging to category N1’ is amended as follows:

— the entry for item 58 is replaced by the following:

58	UN Regulation No 127 Regulation (EU) 2019/2144 (Pedestrian protection)	Vehicles shall be fitted with an electronic antilock braking system acting on all wheels. The requirements of UN Regulation No 127 shall apply. Any frontal protection system shall either be an integral part of the vehicle and thus compliant with the requirements of UN Regulation No 127 or be type#approved as separate technical unit;
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— the following entry is inserted after the entry for item 61:

62	UN Regulation No 134	The requirements of
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Regulation (EU) 2019/2144 (Hydrogen system)	<p>UN Regulation No 134 shall apply. Alternatively, it shall be demonstrated that the vehicle complies with:</p> <p>— Substantive requirements of Regulation (EC) No 79/2009 in its version applicable on 5 July 2022;</p> <p>— Attachment 100 – Technical Standard For Fuel Systems Of Motor Vehicle Fueled By Compressed Hydrogen Gas (Japan); GB/T 24549-2009 Fuel cell electric vehicles – safety requirements (China);</p> <p>— International standard ISO 23273:2013 Part 1: Vehicle</p>
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ANNEX II

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functional safety and Part 2: Protection against hydrogen hazards for vehicles fuelled with compressed hydrogen; or SAE J2578 – General Fuel Cell Vehicle Safety;

(3) in Part II, in the table, the entries for items 58, 65 and 66 are deleted;

(4) Part III is amended as follows:

(a) in Appendix 1, the table is amended as follows:

(i) the entry for item 58 is replaced by the following:

58	Pedestrian protection	Regulation (EU) 2019/2144 UN Regulation No 127	X	X;		
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(ii) the entries for items 62 and 63 are replaced by the following:

62	Hydrogen system	Regulation (EU) 2019/2144 UN Regulation No 134	X	X	X	X
63	General safety	Regulation (EU) 2019/2144	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾ ;

(iii) the entries for items 65 and 66 are replaced by the following:

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65	Advanced emergency braking system	Regulation (EU) 2019/2144 UN Regulation No 131			N/A	N/A
66	Lane departure warning system	Regulation (EU) 2019/2144 UN Regulation No 130			N/A	N/A;

(b) in Appendix 2, the table is amended as follows:

(i) the following entry is inserted after the entry for item 54A:

55A	Pole side impact	Regulation (EU) 2019/2144 UN Regulation No 135			N/A;								
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(ii) the entry for item 58 is replaced by the following:

58	Pedestrian protection	Regulation (EU) 2019/2144 UN Regulation No 127			N/A;								
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(iii) the entries for items 62 and 63 are replaced by the following:

62	Hydraulic system	Regulation (EU) 2019/2144 UN Regulation No 134	X	X	X	X	X						
63	General safety	Regulation (EU) 2019/2144	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽¹⁵⁾

(iv) the entries for items 65 and 66 are replaced by the following:

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65	Advanced emergency braking system	Regulation (EU) 2019/2144	N/A	N/A		N/A	N/A				
66	Lane departure warning system	Regulation (EU) 2019/2144	N/A	N/A		N/A	N/A;				

(c) Appendix 3 is amended as follows:

(i) in the table, the following entry is inserted after the entry for item 54A:

55A	Pole side impact	Regulation (EU) 2019/2144 UN Regulation No 135	N/A;
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(ii) in the table, the entry for item 58 is replaced by the following:

58	Pedestrian protection	Regulation (EU) 2019/2144 UN Regulation No 127	G;
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(iii) in the table, the entries for items 62 and 63 are replaced by the following:

62	Hydrogen system	Regulation (EU) 2019/2144 UN Regulation No 134	X
63	General safety	Regulation (EU) 2019/2144	X ⁽¹⁵⁾ ;

(iv) the following point is added:

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5. Points 1 to 4 also apply to vehicles of category M1 that are not categorised as special purpose vehicles but are wheelchair accessible vehicles.;

(d) in Appendix 4, the table is amended as follows:

(i) the following entry is inserted after the entry for item 54A:

55A	Pole side impact	Regulation (EU) 2019/2144 UN Regulation No 135		A;										
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(ii) the entry for item 58 is replaced by the following:

58	Pedestrian protection	Regulation (EU) 2019/2144 UN Regulation No 127		A;										
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(iii) the entries for items 62, 63, 65 and 66 are replaced by the following:

62	Hydroboost system	Regulation (EU) 2019/2144 UN Regulation No 134	X	X	X	X								
63	General safety	Regulation (EU) 2019/2144	X ⁽¹⁵⁾	X ⁽¹⁵⁾	X ⁽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 (EU) 2019/2144 UN Regulation No 131	N/A	A	N/A	N/A								
66	Lane departure warning system	Regulation (EU) 2019/2144 UN Regulation	N/A	A	N/A	N/A;								

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	No 130								
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- (e) in Appendix 5, in the table, the entries for items 62, 63, 65 and 66 are replaced by the following:

62	Hydrogen system	Regulation (EU) 2019/2144 UN Regulation No 134	X
63	General safety	Regulation (EU) 2019/2144	X ⁽¹⁵⁾
65	Advanced emergency braking system	Regulation (EU) 2019/2144 UN Regulation No 131	N/A
66	Lane departure warning system	Regulation (EU) 2019/2144 UN Regulation No 130	N/A;

- (f) in Appendix 6, in the table, the entries for items 62, 63, 65 and 66 are replaced by the following:

62	Hydrogen system	Regulation (EU) 2019/2144 UN Regulation No 134	X	
63	General safety	Regulation (EU) 2019/2144	X ⁽¹⁵⁾	X ⁽¹⁵⁾
65	Advanced emergency braking system	Regulation (EU) 2019/2144 UN Regulation No 131	N/A	
66	Lane departure warning system	Regulation (EU) 2019/2144 UN Regulation No 130	N/A;	

- (g) the Explanatory Notes are amended as follows:

- (i) the explanatory note for X is replaced by the following:

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- X The requirements set out in the relevant regulatory act are applicable.;
- (ii) explanatory notes 3 and 4 are replaced by the following:
- (3) The fitting of vehicle stability function is required in accordance with Article 4(5) of Regulation (EU) 2019/2144.
- (4) The fitting of an electronic stability control system is required in accordance with Article 4(5) of Regulation (EU) 2019/2144;
- (iii) explanatory note 9A is replaced by the following:
- (9A) Applies only if vehicles are fitted with equipment covered by UN Regulation No 64. However, tyre pressure monitoring system is compulsory in accordance with Article 5(1) of Regulation (EU) 2019/2144;
- (iv) explanatory note 15 is replaced by the following:
- (15) Compliance with Regulation (EU) 2019/2144 is mandatory. However, type-approval under this specific item is not envisaged as it merely represents the collection of individual items listed elsewhere in the relevant table.;
- (v) explanatory notes 16 and 17 are deleted.

ANNEX IV

Transitional provisions referred to in Article 15(3)

UN Regulation Number	Specific requirements	Final date for registration of non-compliant vehicles as well as sale or entry into service of non-compliant components ⁽¹⁾
117	Tyres with regard to rolling sound emissions, adhesion on wet surfaces and rolling resistance	30 April 2023
	Tyres of class C3 shall comply with Stage 2 rolling resistance requirements	

Notes to the table

⁽¹⁾ The dates as laid down in Regulation (EC) No 661/2009 in respect of types of vehicle, system and component complying with the requirements in its version applicable on 5 July 2022 and Regulation (EC) No 78/2009 in respect of types of vehicle and system complying with the requirements in its version applicable on 5 July 2022.

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- (1) Regulation (EU) 2019/2144 of the European Parliament and of the Council of 27 November 2019 on type-approval requirements for motor vehicles and their trailers, and systems, components and separate technical units intended for such vehicles, as regards their general safety and the protection of vehicle occupants and vulnerable road users, amending Regulation (EU) 2018/858 of the European Parliament and of the Council and repealing Regulations (EC) No 78/2009, (EC) No 79/2009 and (EC) No 661/2009 of the European Parliament and of the Council and Commission Regulations (EC) No 631/2009, (EU) No 406/2010, (EU) No 672/2010, (EU) No 1003/2010, (EU) No 1005/2010, (EU) No 1008/2010, (EU) No 1009/2010, (EU) No 19/2011, (EU) No 109/2011, (EU) No 458/2011, (EU) No 65/2012, (EU) No 130/2012, (EU) No 347/2012, (EU) No 351/2012, (EU) No 1230/2012 and (EU) 2015/166 (OJ L 325, 16.12.2019, p. 1)';

Changes to legislation:

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Changes and effects yet to be applied to :

- Regulation revoked by [S.I. 2022/1273 reg. 84](#)