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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### 185th session

Geneva, 23-25 November 2021

Item 4.3.1. of the provisional agenda

#### 1958 Agreement:

**Development of the International Whole  
Vehicle Type Approval (IWVTA)**

## **Proposal for the 04 series of amendments to UN Regulation No. 0 (IWVTA)**

### **Submitted by the Informal Working Group on the International Whole Vehicle Type Approval \***

The text reproduced below was considered by the World Forum for Harmonization of Vehicle Regulations at its 184th session, held in June 2021 (ECE/TRANS/WP.29/1159, para. 85). It is based on WP.29-184-07. It is submitted to the World Forum for Harmonization of Vehicle Regulations (WP.29) and the Administrative Committee of the 1958 Agreement (AC.1) for consideration and vote at their November 2021 sessions.

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\* In accordance with the programme of work of the Inland Transport Committee for 2021 as outlined in proposed programme budget for 2021 (A/75/6 (part V sect. 20) para 20.51), the World Forum will develop, harmonize and update UN Regulations in order to enhance the performance of vehicles. The present document is submitted in conformity with that mandate.



Annex 4, Part A, Section I (List of requirements for U-IWVTA), amend to read:

"

Number	Topic	Version of UN Regulation	
		UN Regulation <sup>1</sup>	Series of amendments <sup>2</sup>
1	Retro-reflecting devices for power-driven vehicles and their trailers	3 <sup>5</sup>	03
2	Devices for the illumination of rear registration plates of power-driven vehicles and their trailers	4 <sup>3</sup>	01
3	Direction indicators for power-driven vehicles and their trailers	6 <sup>3</sup>	02
4	Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers	7 <sup>3</sup>	03
5	Vehicles with regard to electromagnetic compatibility	10	05
6	Vehicles with regard to door latches and door retention components	11	04
7	Vehicles with regard to the protection of the driver against the steering mechanism in the event of impact	12	04
8	Brakes of M <sub>1</sub> and N <sub>1</sub> vehicles	13-H	01
9	Vehicles with regard to safety-belt anchorages	14	09
10	Safety-belts, restraint systems, child restraint systems and ISOFIX child restraint systems	16	08
11	Vehicles with regard to the seats, their anchorages and any head restraints	17	10
12	Power-driven vehicle front fog lamps	19 <sup>*,4</sup>	05
13	Vehicles with regard to their interior fittings	21	01
14	Reversing and maneuvering lamps for power-driven vehicles and their trailers	23 <sup>3</sup>	01
15	Vehicles with regard to their external projections	26	04
16	Audible warning devices and of motor vehicles with regard to their audible signals	28	00
17	Pneumatic tyres for motor vehicles and their trailers (Tyres should be type approved to UN Regulation No. 30 or UN Regulation No. 54.)	30	02
18	Vehicles with regard to the prevention of fire risks	34	03
19	Rear fog lamps for power-driven vehicles and their trailers	38 <sup>3</sup>	01

Number	Topic	Version of UN Regulation	
		UN Regulation <sup>1</sup>	Series of amendments <sup>2</sup>
20	The speedometer and odometer equipment including installation	39	01
21	Safety glazing materials and their installation on vehicles	43	01
22	Restraining devices for child occupants of power-driven vehicles (only inasmuch as it relates to built-in vehicle booster cushions but not covering standalone child seats)	44*	04
23	Headlamp cleaners, and of power-driven vehicles with regard to headlamp cleaners	45*	01
24	Devices for indirect vision including installation	46	04
25	Installation of lighting and light-signaling devices	48	07
26	Motor vehicles having at least four wheels with regard to their sound emissions	51	03
27	Pneumatic tyres for commercial vehicles and their trailers (Tyres should be type approved to UN Regulation No. 30 or UN Regulation No. 54.)	54	00
28	Rear Underrun Protective Devices (RUPDs) and the installation of a RUPD of an approved type, Rear Underrun Protection (RUP)	58	03
29	A temporary-use spare unit, run-flat tyres	64*	03
30	Parking lamps for power-driven vehicles	77*, <sup>3</sup>	01
31	Vehicles with regard to steering equipment	79	03
32	Internal combustion engines or electric drive trains intended for the propulsion of motor vehicles of categories M and N with regard to the measurement of the net power and the maximum 30 minutes power of electric drive trains (Engine power)	85	00
33	Daytime running lamps for power-driven vehicles	87 <sup>3</sup>	01
34	Side marker lamps for motor vehicles and their trailers	91*, <sup>3</sup>	01
35	Protection of occupants in the event of a frontal collision	94	03
36	Protection of occupants in the event of a lateral collision	95	04
37	Motor vehicle headlamps equipped with gas-discharge light sources	98*, <sup>4</sup>	02
38	Vehicles with regard to specific requirements for the electric power train	100*	02

Number	Topic	Version of UN Regulation	
		UN Regulation <sup>1</sup>	Series of amendments <sup>2</sup>
39	Vehicles with regard to the installation of specific components for the use of CNG and/or LNG in their propulsion system	110*	04
40	Motor vehicles headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules	112*, <sup>4</sup>	02
41	Tyres with regard to rolling sound emissions and/or to adhesion on wet surfaces and/or to rolling resistance	117	02
42	Cornering lamps for power-driven vehicles	119*, <sup>4</sup>	02
43	Vehicles with regard to the location and identification of hand controls, tell-tales and indicators	121	01
44	Adaptive Front-lighting Systems (AFS) for motor vehicles	123*, <sup>4</sup>	02
45	Motor vehicles with regard to the forward field of vision of the motor vehicle driver	125	01
46	Motor vehicles with regard to their pedestrian safety performance	127	02
47	Motor vehicles with regard to the safety related performance of hydrogen-fuelled vehicles	134*	00
48	Vehicles with regard to their Pole Side Impact performance	135	01
49	Passenger cars in the event of a frontal collision with focus on the restraint system	137	01
50	Quiet Road Transport Vehicles with regard to their reduced audibility	138*	01
51	Brake assist systems	139	00
52	Electronic stability control systems	140	00
53	Tyre pressure monitoring systems	141	01
54	Tyre installation	142	01
55	Light signaling devices (LSD)	148 <sup>3</sup>	00
56	Road illumination devices (RID)	149 <sup>4</sup>	00
57	Retro-reflective devices (RRD)	150 <sup>5</sup>	00
58	WLTP	154	01
59	The protection of motor vehicles against unauthorized use (Locking system)	161	
60	Immobilizers	162*	

Number	Topic	Version of UN Regulation	
		UN Regulation <sup>1</sup>	Series of amendments <sup>2</sup>
61	Vehicle alarm system	163*	

- <sup>1</sup> If a UN Regulation number is followed by an asterisk "\*" this indicates that the respective requirement applies only if the corresponding system is fitted to the vehicle. This then means that for the purpose of a U-IWVTA both vehicles with or without this system are acceptable. However, where the system is fitted to the vehicle, the requirement applies. The same also applies to systems not identified by \* where it can be demonstrated that the corresponding requirements are not applicable to the IWVTA type.
- <sup>2</sup> The entry is understood as the required minimum, i.e. including all supplements in force at the time the approval is issued. Approvals to any later versions have to be equally accepted in accordance with paragraph 13.3. of this Regulation.
- <sup>3</sup> Either type approval according to UN Regulation No. 148 or the applicable type approval(s) according to UN Regulations Nos. 4, 6, 7, 23, 38, 77, 87 and/or 91 is/are necessary.
- <sup>4</sup> Either type approval of UN Regulation No. 149 or the applicable type approval(s) of Regulation No. 19, 98, 112, 119 and/or 123 is/are necessary.
- <sup>5</sup> Either type approval of UN Regulation No. 150 or that of UN Regulation No. 3 is necessary."

*Annex 8*

*Paragraph 1.2., subparagraph (a), amend to read:*

- "(a) Two digits ..... technical provisions of this Regulation applied to the approval (04 for this Regulation as amended by the 04 series of amendments);"