



# Economic and Social Council

Distr.: General  
27 August 2018

Original: English

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## Economic Commission for Europe

### Inland Transport Committee

### World Forum for Harmonization of Vehicle Regulations

#### 176th session

Geneva, 13-16 November 2018

Item 4.3 of the provisional agenda

#### 1958 Agreement:

Development of the International

Whole Vehicle Type Approval system

## **Proposal for the 01 series of amendments to UN Regulation No. 0 on the International Whole Vehicle Type Approval**

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

This document was prepared by the informal working group on the International Whole Vehicle Type Approval. It proposes the 01 series of amendments to UN Regulation No. 0 (report ECE/TRANS/WP.29/1139, para. 70). It is mainly based on the text of informal document WP.29-175-14 distributed at the 175th session of the World Forum for Harmonization of Vehicle Regulations (WP.29). It is submitted to WP.29 and to the Administrative Committee AC.1 for consideration at their November 2018 sessions.

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\* In accordance with the programme of work of the Inland Transport Committee for 2018–2019 (ECE/TRANS/274, para. 123 and ECE/TRANS/2018/21/Add.1, Cluster 3.1), 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.

## 01 series of amendments to UN Regulation No. 0 on the International Whole Vehicle Type Approval (IWVTA)

*Insert new paragraphs 12.3. to 12.4. (transitional provisions), to read:*

"12.3. As from the official date of entry into force of the 01 series of amendments, no Contracting Party applying this Regulation shall refuse to grant or refuse to accept type approvals (IWVTA) under this Regulation as amended by the 01 series of amendments.

12.4. As from 1 September 2019, Contracting Parties applying this Regulation shall not be obliged to accept type approvals (IWVTA) to the preceding series of amendments, first issued after 1 September 2019."

*Annex 2 (Arrangement of the type approval marking)*, replace in the type approval marking the figure "R00" by "R01" (2 times) and in the text "pursuant to this Regulation in its original form" by "pursuant to this Regulation as amended by the 01 series of amendments" (2 times).

*Annex 4 (List of requirements for the purpose of IWVTA)*

*Section I (List of requirements for U-IWVTA)*, replace the table by (keeping the references to footnotes <sup>1</sup> and <sup>2</sup> and the text of the footnotes unchanged):

"

		<i>Version of UN Regulation</i>	
<i>Number</i>	<i>Topic</i>	<i>UN Regulation<sup>1</sup></i>	<i>Series of amendments<sup>2</sup></i>
1	Retro-reflecting devices for power-driven vehicles and their trailers	3	02
2	Devices for the illumination of rear registration plates of power-driven vehicles and their trailers	4	00
3	Direction indicators for power-driven vehicles and their trailers	6	01
4	Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers	7	02
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	08

Number	Topic	Version of UN Regulation	
		UN Regulation <sup>1</sup>	Series of amendments <sup>2</sup>
10	Safety-belts, restraint systems, child restraint systems and ISOFIX child restraint systems	16	07
11	Vehicles with regard to the seats, their anchorages and any head restraints	17	08
12	Power-driven vehicle front fog lamps	19*	04
13	Vehicles with regard to their interior fittings	21	01
14	Reversing and maneuvering lamps for power-driven vehicles and their trailers	23	00
15	Vehicles with regard to their external projections	26	03
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	00
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	06

Number	Topic	Version of UN Regulation	
		UN Regulation <sup>1</sup>	Series of amendments <sup>2</sup>
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*	00
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	00
34	Side marker lamps for motor vehicles and their trailers	91*	00
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	03
37	Motor vehicle headlamps equipped with gas-discharge light sources	98*	01
38	Vehicles with regard to specific requirements for the electric power train	100*	02
39	Motor vehicles headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules	112*	01
40	Tyres with regard to rolling sound emissions and/or to adhesion on wet surfaces and/or to rolling resistance	117	02

Number	Topic	Version of UN Regulation	
		UN Regulation <sup>1</sup>	Series of amendments <sup>2</sup>
41	Cornering lamps for power-driven vehicles	119*	01
42	Vehicles with regard to the location and identification of hand controls, tell-tales and indicators	121	01
43	Adaptive Front-lighting Systems (AFS) for motor vehicles	123*	01
44	Motor vehicles with regard to the forward field of vision of the motor vehicle driver	125	01
45	Motor vehicles with regard to their pedestrian safety performance	127	02
46	Brake assist systems	139	00
47	Electronic stability control systems	140	00
48	Tyre pressure monitoring systems	141	00
49	Tyre installation	142	00

"

Section II (Notification for L-IWVTA), replace Table 1 by (keeping the references to the footnotes and the text of footnote <sup>3</sup> unchanged):

"

Notification of	[Name of Contracting Party]	Date to be effective	[yyyy-mm-dd]	
			Earlier versions accepted <sup>3</sup>	
Number	Topic	UN Regulation <sup>1</sup>	Insert number of series of amendments	Delete text in this column if not applicable
1	Retro-reflecting devices for power-driven vehicles and their trailers	3		or later
2	Devices for the illumination of rear registration plates of power-driven vehicles and their trailers	4		or later
3	Direction indicators for power-driven vehicles and their trailers	6		or later
4	Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers	7		or later

5	Vehicles with regard to electromagnetic compatibility	10		or later
6	Vehicles with regard to door latches and door retention components	11		or later
7	Vehicles with regard to the protection of the driver against the steering mechanism in the event of impact	12		or later
8	Brakes of M <sub>1</sub> and N <sub>1</sub> vehicles	13-H		or later
9	Vehicles with regard to safety-belt anchorages	14		or later
10	Safety-belts, restraint systems, child restraint systems and ISOFIX child restraint systems	16		or later
11	Vehicles with regard to the seats, their anchorages and any head restraints	17		or later
12	Power-driven vehicle front fog lamps	19		or later
13	Vehicles with regard to their interior fittings	21		or later
14	Reversing and maneuvering lamps for power-driven vehicles and their trailers	23		or later
15	Vehicles with regard to their external projections	26		or later
16	Audible warning devices and of motor vehicles with regard to their audible signals	28		or later
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		or later
18	Vehicles with regard to the prevention of fire risks	34		or later
19	Rear fog lamps for power-driven vehicles and their trailers	38		or later
20	The speedometer and odometer equipment including installation	39		or later
21	Safety glazing materials and their installation on vehicles	43		or later

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		or later
23	Headlamp cleaners, and of power-driven vehicles with regard to headlamp cleaners	45		or later
24	Devices for indirect vision including installation	46		or later
25	Installation of lighting and light-signaling devices	48		or later
26	Motor vehicles having at least four wheels with regard to their sound emissions	51		or later
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		or later
28	Rear Underrun Protective Devices (RUPDs) and the installation of a RUPD of an approved type	58		or later
29	A temporary-use spare unit, run-flat tyres	64		or later
30	Parking lamps for power-driven vehicles	77		or later
31	Vehicles with regard to steering equipment	79		or later
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		or later
33	Daytime running lamps for power-driven vehicles	87		or later
34	Side marker lamps for motor vehicles and their trailers	91		or later
35	Protection of occupants in the event of a frontal collision	94		or later
36	Protection of occupants in the event of a lateral collision	95		or later

37	Motor vehicle headlamps equipped with gas-discharge light sources	98		or later
38	Vehicles with regard to specific requirements for the electric power train	100		or later
39	Motor vehicles headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules	112		or later
40	Tyres with regard to rolling sound emissions and/or to adhesion on wet surfaces and/or to rolling resistance	117		or later
41	Cornering lamps for power-driven vehicles	119		or later
42	Vehicles with regard to the location and identification of hand controls, tell-tales and indicators	121		or later
43	Adaptive Front-lighting Systems (AFS) for motor vehicles	123		or later
44	Motor vehicles with regard to the forward field of vision of the motor vehicle driver	125		or later
45	Motor vehicles with regard to their pedestrian safety performance	127		or later
46	Brake assist systems	139		or later
47	Electronic stability control systems	140		or later
48	Tyre pressure monitoring systems	141		or later
49	Tyre installation	142		or later

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*Annex 8**Paragraph 1.2., subparagraph (a), amend to read:*

- "(a) Two digits ..... technical provisions of this UN Regulation applied to the approval (01 for this UN Regulation as amended by the 01 series of amendments);"

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