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# *UN Vehicle Regulations Agreements Revision 3 of the 1958 Agreement*

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# Revision 3 of the 1958 Agreement

- 14 September 2017 Revision 3 of the 1958 Agreement on United Nations Regulations for type approval for vehicles, parts and components entered into force.
- The main objectives of Revision 3 :
  - (a) Internationally recognised whole vehicle type approval (IWVTA) system,
  - (b) Grant type approvals according to former versions of UN Regulations,
  - (c) Establishing an electronic Database for the Exchange of Type Approval documentation (DETA) at UNECE,
  - (d) Four/fifth majority for the adoption of new UN Regulations or their amendments to existing UN Regulations (i.e. current the two/thirds majority), and
  - (e) Reviewing and strengthening the current provisions to improve the functioning and reliability of the type approval procedures and the conditions for their mutual recognition (i.e. quality assurance assessment, certification and conformity of production procedures, the tasks, responsibilities and competences of involved parties and aspects related to enforcement such as ensuring market surveillance and safeguard measures).



# Revision 3 of the 1958 Agreement

- Additional definitions
  - Whole vehicle type approval; version of a UN Regulation; application of a UN Regulation
- Obligations to accept only IWVTA according to highest level of stringency of a certain UN Regulation
- Possibility for issuing type approvals pursuant to earlier versions of UN Regulations
- Possibility for granting exemption approvals for new technologies not yet covered by a UN Regulation



# Revision 3 of the 1958 Agreement

- 8 Schedules of Administrative and Procedural Provisions:
  - Schedule 1: Conformity of production procedures
  - Schedule 2:
    - Part one: Assessment, designation and notification of technical services
    - Part two: Standards which the technical services shall comply with
    - Part three: Procedure for the assessment of technical services
  - Schedule 3: Procedures for UN type approvals
  - Schedule 4: Numbering of UN type approvals
  - Schedule 5: Circulation of approval documentation (DETA and Unique Identifier UI)
  - Schedule 6: Procedures for resolving interpretation issues
  - Schedule 7: Procedure for exemption approvals concerning new technologies
  - Schedule 8: General conditions for virtual testing methods



# International Whole Vehicle Type Approval

## UN Regulation No. 0

- UN Regulation No. 0
- Uniform provisions concerning the International Whole Vehicle Type Approval (IWVTA)
- Date of entry into force: 19 July 2018



# UN Regulation No. 0 - IWVTA

*Two classes of International Whole Vehicle Type Approval (IWVTA):*

- *"Universal IWVTA (U-IWVTA)" – Annex 4 Section I*
- *"IWVTA of Limited recognition (L-IWVTA)" - Annex 4 Section II*
- Different approval marking for U-IWVTA and for L-IWVTA
- All variants and versions within one IWVTA type shall be approved within one IWVTA
- Approvals for all IWVTA types within one IWVTA class shall be handled by the same approval authority



# UN Regulation No. 0 - IWVTA

- An U-IWVTA type shall meet the prescribed requirements of this Regulation as well as those specified in the UN Regulations listed in Annex 4, Section I.
- This shall be demonstrated by type approval certificates according to those UN Regulations covering all variants and versions → no further tests
- For a L-IWVTA one or more required type approval certificates can be omitted or replaced by the certificate according to an earlier version of the respective UN Regulation → no further tests
- Declaration of Conformance (DoC) - vehicle manufacturer shall provide and upload on the UN secure internet database for all single vehicles  
→ technical information for each vehicle accessible



# UN Regulation No. 0 - IWVTA

- Modification of IWVTA type and modification of approval
  - Stay in same IWVTA class
  - Change IWVTA class (from U-IWVTA to L-IWVTA)
  - Split into two types:      one part stays in U-IWVTA (continuing of type)  
   one part changes to L-IWVTA (new type)
  - Upgrade from L-IWVTA to U-IWVTA following technical changes on a type
- Special provisions for Contracting Parties applying UN Regulation 0 regarding issuing U-IWVTA and accepting U-IWVTA in case they are not applying certain UN Regulations
- Notification obligation on earlier versions of UN Regulations for L-IWVTA





# UN Regulation No. 0 - IWVTA

## Annex 4 Section 4

a		Version of UN Regulation <sup>a</sup>	
Number <sup>a</sup>	Topic <sup>a</sup>	UN Regulation <sup>1</sup> a	Series of amendments <sup>2</sup> a
1 <sup>a</sup>	Retro-reflecting devices for power-driven vehicles and their trailers <sup>a</sup>	3 <sup>a</sup>	02 <sup>a</sup>
2 <sup>a</sup>	Devices for the illumination of rear registration plates of power-driven vehicles and their trailers <sup>a</sup>	4 <sup>a</sup>	00 <sup>a</sup>
3 <sup>a</sup>	Direction indicators for power-driven vehicles and their trailers <sup>a</sup>	6 <sup>a</sup>	01 <sup>a</sup>
4 <sup>a</sup>	Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers <sup>a</sup>	7 <sup>a</sup>	02 <sup>a</sup>
5 <sup>a</sup>	Vehicles with regard to electromagnetic compatibility <sup>a</sup>	10 <sup>a</sup>	05 <sup>a</sup>
6 <sup>a</sup>	Vehicles with regard to door latches and door retention components <sup>a</sup>	11 <sup>a</sup>	04 <sup>a</sup>
7 <sup>a</sup>	Vehicles with regard to the protection of the driver against the steering mechanism in the event of impact <sup>a</sup>	12 <sup>a</sup>	04 <sup>a</sup>
8 <sup>a</sup>	Brakes of M <sub>1</sub> and N <sub>1</sub> vehicles <sup>a</sup>	13-H <sup>a</sup>	01 <sup>a</sup>
9 <sup>a</sup>	Safety-belts, restraint systems, child-restraint systems and ISOFIX child-restraint systems <sup>a</sup>	16 <sup>a</sup>	06 <sup>a</sup>
10 <sup>a</sup>	Vehicles with regard to the seats, their anchorages and any head restraints <sup>a</sup>	17 <sup>a</sup>	08 <sup>a</sup>
11 <sup>a</sup>	Power-driven vehicle front fog lamps <sup>a</sup>	19 <sup>a</sup>	04 <sup>a</sup>
12 <sup>a</sup>	Vehicles with regard to their interior fittings <sup>a</sup>	21 <sup>a</sup>	01 <sup>a</sup>
13 <sup>a</sup>	Reversing and maneuvering lamps for power-driven vehicles and their trailers <sup>a</sup>	23 <sup>a</sup>	00 <sup>a</sup>
14 <sup>a</sup>	Vehicles with regard to their external projections <sup>a</sup>	26 <sup>a</sup>	03 <sup>a</sup>

a		Version of UN Regulation <sup>a</sup>	
Number <sup>a</sup>	Topic <sup>a</sup>	UN Regulation <sup>1</sup> a	Series of amendments <sup>2</sup> a
15 <sup>a</sup>	Audible warning devices and of motor vehicles with regard to their audible signals <sup>a</sup>	28 <sup>a</sup>	00 <sup>a</sup>
16 <sup>a</sup>	Pneumatic tyres for motor vehicles and their trailers (Tyres should be type approved to UN Regulation No. 30 or UN Regulation No. 54) <sup>a</sup>	30 <sup>a</sup>	02 <sup>a</sup>
17 <sup>a</sup>	Rear fog lamps for power-driven vehicles and their trailers <sup>a</sup>	38 <sup>a</sup>	00 <sup>a</sup>
18 <sup>a</sup>	The speedometer and odometer equipment including installation <sup>a</sup>	39 <sup>a</sup>	01 <sup>a</sup>
19 <sup>a</sup>	Safety glazing materials and their installation on vehicles <sup>a</sup>	43 <sup>a</sup>	01 <sup>a</sup>
20 <sup>a</sup>	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) <sup>a</sup>	44 <sup>a</sup>	04 <sup>a</sup>
21 <sup>a</sup>	Headlamp cleaners, and of power-driven vehicles with regard to headlamp cleaners <sup>a</sup>	45 <sup>a</sup>	01 <sup>a</sup>
22 <sup>a</sup>	Devices for indirect vision including installation <sup>a</sup>	46 <sup>a</sup>	04 <sup>a</sup>
23 <sup>a</sup>	Installation of lighting and light-signaling devices <sup>a</sup>	48 <sup>a</sup>	06 <sup>a</sup>
24 <sup>a</sup>	Motor vehicles having at least four wheels with regard to their sound emissions <sup>a</sup>	51 <sup>a</sup>	03 <sup>a</sup>
25 <sup>a</sup>	Pneumatic tyres for commercial vehicles and their trailers (Tyres should be type approved to UN Regulation No. 30 or UN Regulation No. 54) <sup>a</sup>	54 <sup>a</sup>	00 <sup>a</sup>
26 <sup>a</sup>	Rear Underrun Protective Devices (RUPDs) and the installation of a RUPD of an approved type, Rear Underrun Protection (RUP) <sup>a</sup>	58 <sup>a</sup>	02 <sup>a</sup>
27 <sup>a</sup>	A temporary-use spare unit, run-flat tyres <sup>a</sup>	64 <sup>a</sup>	03 <sup>a</sup>
28 <sup>a</sup>	Parking lamps for power-driven vehicles <sup>a</sup>	77 <sup>a</sup>	00 <sup>a</sup>
29 <sup>a</sup>	Vehicles with regard to steering equipment <sup>a</sup>	79 <sup>a</sup>	02 <sup>a</sup>

a		Version of UN Regulation <sup>a</sup>	
Number <sup>a</sup>	Topic <sup>a</sup>	UN Regulation <sup>1</sup> a	Series of amendments <sup>2</sup> a
30 <sup>a</sup>	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) <sup>a</sup>	85 <sup>a</sup>	00 <sup>a</sup>
31 <sup>a</sup>	Daytime running lamps for power-driven vehicles <sup>a</sup>	87 <sup>a</sup>	00 <sup>a</sup>
32 <sup>a</sup>	Side marker lamps for motor vehicles and their trailers <sup>a</sup>	91 <sup>a</sup>	00 <sup>a</sup>
33 <sup>a</sup>	Protection of occupants in the event of a frontal collision <sup>a</sup>	94 <sup>a</sup>	02 <sup>a</sup>
34 <sup>a</sup>	Protection of occupants in the event of a lateral collision <sup>a</sup>	95 <sup>a</sup>	03 <sup>a</sup>
35 <sup>a</sup>	Motor vehicle headlamps equipped with gas-discharge light sources <sup>a</sup>	98 <sup>a</sup>	01 <sup>a</sup>
36 <sup>a</sup>	Vehicles with regard to specific requirements for the electric power train <sup>a</sup>	100 <sup>a</sup>	02 <sup>a</sup>
37 <sup>a</sup>	Motor vehicles headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules <sup>a</sup>	112 <sup>a</sup>	01 <sup>a</sup>
38 <sup>a</sup>	Tyres with regard to rolling sound emissions and/or to adhesion on wet surfaces and/or to rolling resistance <sup>a</sup>	117 <sup>a</sup>	02 <sup>a</sup>
39 <sup>a</sup>	Cornering lamps for power-driven vehicles <sup>a</sup>	119 <sup>a</sup>	01 <sup>a</sup>
40 <sup>a</sup>	Vehicles with regard to the location and identification of hand controls, tell-tales and indicators <sup>a</sup>	121 <sup>a</sup>	01 <sup>a</sup>
41 <sup>a</sup>	Adaptive Front-lighting Systems (AFS) for motor vehicles <sup>a</sup>	123 <sup>a</sup>	01 <sup>a</sup>
42 <sup>a</sup>	Motor vehicles with regard to the forward field of vision of the motor vehicle driver <sup>a</sup>	125 <sup>a</sup>	01 <sup>a</sup>
43 <sup>a</sup>	Motor vehicles with regard to their pedestrian safety performance <sup>a</sup>	127 <sup>a</sup>	02 <sup>a</sup>
44 <sup>a</sup>	Brake assist systems <sup>a</sup>	139 <sup>a</sup>	00 <sup>a</sup>
45 <sup>a</sup>	Electronic stability control systems <sup>a</sup>	140 <sup>a</sup>	00 <sup>a</sup>
46 <sup>a</sup>	Tyre pressure monitoring systems <sup>a</sup>	141 <sup>a</sup>	00 <sup>a</sup>
47 <sup>a</sup>	Tyre installation <sup>a</sup>	142 <sup>a</sup>	00 <sup>a</sup>



TRANSPORT

# UN Regulation No. 0 - IWVTA

## Annex 4 section II

Notification of	[Name of Contracting Party]	Date to be effective	[YYYY-mm-dd]
Number	Topic	UN Regulation <sup>1</sup>	Earlier versions accepted <sup>2</sup>
			Insert number of series of amendmentsDelete 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	Safety-belts, restraint systems, child restraint systems and ISOFIX child restraint systems	16	or later
10	Vehicles with regard to the seats, their anchorages and any head restraints	17	or later
11	Power-driven vehicle front fog lamps	19	or later
12	Vehicles with regard to their interior fittings	21	or later

Notification of	[Name of Contracting Party]	Date to be effective	[YYYY-mm-dd]
Number	Topic	UN Regulation <sup>1</sup>	Earlier versions accepted <sup>2</sup>
			Insert number of series of amendmentsDelete text in this column if not applicable
13	Reversing and maneuvering lamps for power-driven vehicles and their trailers	23	or later
14	Vehicles with regard to their external projections	26	or later
15	Audible warning devices and of motor vehicles with regard to their audible signals	28	or later
16	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
17	Rear fog lamps for power-driven vehicles and their trailers	38	or later
18	The speedometer and odometer equipment including installation	39	or later
19	Safety glazing materials and their installation on vehicles	43	or later
20	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
21	Headlamp cleaners, and of power-driven vehicles with regard to headlamp cleaners	45	or later
22	Devices for indirect vision including installation	46	or later
23	Installation of lighting and light-signaling devices	48	or later
24	Motor vehicles having at least four wheels with regard to their sound emissions	51	or later
25	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

Notification of	[Name of Contracting Party]	Date to be effective	[YYYY-mm-dd]
Number	Topic	UN Regulation <sup>1</sup>	Earlier versions accepted <sup>2</sup>
			Insert number of series of amendmentsDelete text in this column if not applicable
26	Rear Underrun Protective Devices (RUPDs) and the installation of a RUPD of an approved type	58	or later
27	A temporary-use spare unit, run-flat tyres	64	or later
28	Parking lamps for power-driven vehicles	77	or later
29	Vehicles with regard to steering equipment	79	or later
30	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
31	Daytime running lamps for power-driven vehicles	87	or later
32	Side marker lamps for motor vehicles and their trailers	91	or later
33	Protection of occupants in the event of a frontal collision	94	or later
34	Protection of occupants in the event of a lateral collision	95	or later
35	Motor vehicle headlamps equipped with gas-discharge light sources	98	or later
36	Vehicles with regard to specific requirements for the electric power train	100	or later
37	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
38	Tyres with regard to rolling sound emissions and/or to adhesion on wet surfaces and/or to rolling resistance	117	or later
39	Cornering lamps for power-driven vehicles	119	or later
40	Vehicles with regard to the location and identification of hand controls, tell-tales and indicators	121	or later
41	Adaptive Front-lighting Systems (AFS) for motor vehicles	123	or later
42	Motor vehicles with regard to the forward field of vision of the motor vehicle driver	125	or later
43	Motor vehicles with regard to their pedestrian safety performance	127	or later
44	Brake assist systems	139	or later
45	Electronic stability control systems	140	or later
46	Tyre pressure monitoring systems	141	or later
47	Tyre installation	142	or later



**THANK YOU  
FOR YOUR ATTENTION**

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