

Regulation (EU) 2018/858 of the European Parliament and of the Council of 30 May 2018 on the approval and market surveillance of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles, amending Regulations (EC) No 715/2007 and (EC) No 595/2009 and repealing Directive 2007/46/EC (Text with EEA relevance)

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GENERAL DEFINITIONS, CRITERIA FOR VEHICLE CATEGORISATION, TYPES OF VEHICLE AND TYPES OF BODYWORK

INTRODUCTION PART

- DEFINITIONS AND GENERAL PROVISIONS**
1. Definitions
 - 1.1. 'Seating position' means any location capable of accommodating one person...
 - 1.2. 'Seat' means a complete structure with trim, integral or not...
 - 1.3. 'Goods' means primarily any movable things.
 - 1.4. 'Maximum mass' means the 'technically permissible maximum laden mass'.
 2. General provisions
 - 2.1. Number of seating positions
 - 2.1.1. The requirements regarding the number of seating positions apply to...
 - 2.1.2. They do not apply to seats that are designed for...
 - 2.1.3. The following requirements apply for the counting of the seating...
 - 2.1.4. With respect to vehicles covered by UN Regulations No 66 and No 107,...
 - 2.1.5. When seat anchors for a removable seat are present in...
 - 2.1.6. An area intended for an occupied wheelchair shall be regarded...
 - 2.1.6.1. This provision shall be without prejudice to the requirements of...
 - 2.2. Maximum mass
 - 2.2.1. In the case of a tractor unit for semi-trailer, the...
 - 2.2.2. In the case of a motor vehicle that can tow...

- 2.2.3. In the case of a semi-trailer, a centre-axle trailer and...
- 2.2.4. In the case of a converter dolly, the maximum mass...
- 2.3. Special equipment
 - 2.3.1. Vehicles fitted primarily with fixed equipment such as machinery or...
- 2.4. Units
 - 2.4.1. Unless otherwise stated any unit of measurement and associated symbol...
- 3. Categorisation into vehicle categories
 - 3.1. The manufacturer is responsible for the categorisation of a type...
 - 3.2. The approval authority may request from the manufacturer appropriate additional...

PART A

Criteria for vehicle categorisation

- 1. Vehicle categories
- 2. Vehicle subcategories
 - 2.1. Off-road vehicles
 - 2.2. Special purpose vehicles (SPV)
 - 2.2.1. For incomplete vehicles that are intended to fall into the...
 - 2.3. Off road special purpose vehicle
 - 2.3.1. 'Off road special purpose vehicle (ORV-SPV)' means a vehicle that...
- 3. Criteria for the categorisation of vehicles in category N
 - 3.1. The categorisation of a type of vehicle in category N...
 - 3.2. As a matter of principle, the compartment(s) where all the...
 - 3.3. By way of derogation from the requirements of point 3.2, persons...
 - 3.4. Securing devices - lashing devices - intended for securing the...
 - 3.4.1. The requirements referred to in point 3.4 may be verified by...
 - 3.4.2. As an alternative to the requirements of point 3.4, the manufacturer...
 - 3.5. The number of seating positions excluding the driver's seating position...
 - 3.6. Vehicles shall show a goods-carrying capacity equal or higher than...
 - 3.6.1. For such purposes, the following equations shall be satisfied in...
 - 3.6.2. The mass of equipment that is fitted to the vehicle...
 - 3.6.3. The mass of equipment that is not used for the...
 - 3.7. The requirements referred to in points 3.2 to 3.6 shall...
 - 3.8. Criteria for the categorisation of vehicles as N1.
 - 3.8.1. A vehicle shall be categorised as N1 when all the...
 - 3.8.2. In addition to the general criteria referred to in points...
 - 3.8.2.1. The fact that a wall or a partition, complete or...
 - 3.8.2.2. The criteria shall be as follows:
 - 3.8.2.3. Specific conditions for measurement
 - 3.8.2.3.1. Definitions
 - 3.8.2.3.2. Seat adjustments
 - 3.8.2.3.3. Vehicle conditions
 - 3.8.2.3.4. The requirements of point 3.8.2.3.2 shall not apply when the vehicle...
 - 3.8.2.3.5. Measurement of the length of the cargo area
 - 3.8.3. In addition to the general criteria referred to in points...
 - 3.8.3.1. Where the vehicle is fitted with an enclosure type body,...
 - 3.8.3.2. Where the vehicle is fitted with an open type cargo...

Status: This is the original version (as it was originally adopted).

- 3.8.3.3. For the application of the provisions referred to in point 3.8.3,...
- 3.8.3.4. However, the requirements concerning the length of the cargo area...
- 4. Criteria for the sub-categorisation of vehicles as off-road vehicles
 - 4.1. M1 or N1 vehicles shall be subcategorised as off-road vehicles...
 - 4.2. M2, N2 or M3 vehicles the maximum mass of which...
 - 4.3. M3 or N3 vehicles whose maximum mass exceeds 12 tonnes...
 - 4.4. The procedure for checking compliance with the geometrical provisions referred...
 - 4.5. The requirements in points 4.1(a), 4.2(a), 4.2(b), 4.3(a), 4.3(b) on...
- 5. Special purpose vehicles
- 6. Remarks
 - 6.1. Type-approval shall not be granted:
 - 6.2. Point 6.1 is without prejudice to Article 42 on national small...

PART B

Criteria for types of vehicle, variants and versions

- 1. Category M1
 - 1.1. Type of vehicle
 - 1.1.1. A 'type of vehicle' shall consist of vehicles that have...
 - 1.1.2. By way of derogation from the requirements of point 1.1.1(b), when...
 - 1.1.3. A type shall consist of at least one variant and...
 - 1.2. Variant
 - 1.2.1. A 'variant' within a type of vehicle shall group the...
 - 1.3. Version
 - 1.3.1. A 'version' within a variant shall group the vehicles that...
- 2. Categories M2 and M3
 - 2.1. Type of vehicle
 - 2.1.1. A 'type of vehicle' shall consist of vehicles that have...
 - 2.1.2. A type of vehicle shall consist of at least one...
 - 2.2. Variant
 - 2.2.1. A 'variant' within a type of vehicle shall group the...
 - 2.3. Version
 - 2.3.1. A 'version' within a variant shall group the vehicles that...
- 3. Category N1
 - 3.1. Type of vehicle
 - 3.1.1. A 'type of vehicle' shall consist of vehicles that have...
 - 3.1.2. By way of derogation from the requirements of point 3.1.1(b), when...
 - 3.1.3. A type of vehicle shall consist of at least one...
 - 3.2. Variant
 - 3.2.1. A 'variant' within a type of vehicle shall group the...
 - 3.3. Version
 - 3.3.1. A 'version' within a variant shall group the vehicles that...
- 4. Categories N2 and N3
 - 4.1. Type of vehicle

-
- 4.1.1. A ‘type of vehicle’ shall consist of vehicles that have...
 - 4.1.2. A type of vehicle shall consist of at least one...
 - 4.2. Variant
 - 4.2.1. A ‘variant’ within a type of vehicle shall group the...
 - 4.3. Version
 - 4.3.1. A ‘version’ within a variant shall group the vehicles that...
 - 5. Categories O1 and O2
 - 5.1. Type of vehicle
 - 5.1.1. A ‘type of vehicle’ shall consist of vehicles that have...
 - 5.1.2. A type of vehicle shall consist of at least one...
 - 5.2. Variant
 - 5.2.1. A ‘variant’ within a type of vehicle shall group the...
 - 5.3. Version
 - 5.3.1. A ‘version’ within a variant shall group the vehicles that...
 - 6. Categories O3 and O4
 - 6.1. Type of vehicle
 - 6.1.1. A ‘type of vehicle’ shall consist of vehicles that have...
 - 6.1.2. A type of vehicle shall consist of at least one...
 - 6.2. Variants
 - 6.2.1. A ‘variant’ within a type of vehicle shall group the...
 - 6.3. Versions
 - 6.3.1. A ‘version’ within a variant shall group the vehicles that...
 - 7. Common requirements for all vehicle categories
 - 7.1. When a vehicle falls into several categories because of its...
 - 7.1.1. Examples:
 - 7.2. A vehicle of category N may be type-approved against the...
 - 7.2.1. This option shall only be permitted for incomplete vehicles.
 - 7.3. Type-, variant- and version designations
 - 7.3.1. The manufacturer shall allocate an alphanumeric code to each type...
 - 7.3.2. The whole code shall be designated: Type-Variant-Version or ‘TVV’.
 - 7.3.3. The TVV shall clearly and unequivocally identify a unique combination...
 - 7.3.4. The same manufacturer may use the same code in order...
 - 7.3.5. The same manufacturer shall not use the same code in...
 - 7.4. Number of characters for the TVV
 - 7.4.1. The number of characters shall not exceed:
 - 7.4.2. The complete alphanumeric ‘TVV’ shall not contain more than 75...
 - 7.4.3. When the TVV is used as a whole, a space...

PART C

Definitions of types of bodywork

- 1. General
 - 1.1. The type of bodywork as well as the code for...
 - 1.2. As regards vehicles of categories M, the type of bodywork...
 - 1.3. As regards vehicles of categories N and O, the type...
 - 1.4. Where necessary (especially for the types of bodywork referred to...
 - 1.4.1. The list of digits shall be laid down in Appendix...
 - 1.5. For special purpose vehicles, the type of bodywork to be...

2. Vehicles belonging to category M1
3. Vehicles belonging to category M2 or M3
4. Motor vehicles of category N1, N2 or N3
5. Vehicles of category O

Appendix 1

Procedure for checking whether a vehicle can be categorised as off-road vehicle

1. General
 - 1.1. For the purposes of classification of a vehicle as off-road...
2. Test conditions for geometric measurements
 - 2.1. Vehicles belonging to category M1 or N1 shall be in...
 - 2.2. Vehicles other than those referred to in point 2.1 shall be...
 - 2.3. A vehicle representative of the type shall be submitted to...
3. Measurement of approach, departure and ramp angles
 - 3.1. The approach angle shall be measured in accordance with paragraph 6.10...
 - 3.2. The departure angle shall be measured in accordance with paragraph 6.11...
 - 3.3. The ramp angle shall be measured in accordance with paragraph 6.9...
 - 3.4. When measuring the departure angle rear underrun protection devices which...
 - 3.5. The prescription in point 3.4 shall not be construed as an...
4. Measurement of ground clearance
 - 4.1. Ground clearance between the axles
 - 4.1.1. 'Ground clearance between the axles' means the shortest distance between...
 - 4.1.2. No rigid part of the vehicle may project into the...
 - 4.2. Ground clearance beneath one axle
 - 4.2.1. 'Ground clearance beneath one axle' means the distance beneath the...
 - 4.2.2. Where appropriate, the measurement of ground clearance shall be conducted...
5. Gradeability
 - 5.1. 'Gradeability' means the ability of a vehicle to negotiate a...
 - 5.2. To the effect of checking the gradeability of an incomplete...
 - 5.3. The test shall be conducted by the technical service on...
 - 5.4. At the request of the manufacturer and under the conditions...
6. Test conditions and pass-fail criterion
 - 6.1. The conditions set out in Annex II to Commission Regulation (EU)...
 - 6.2. The vehicle shall climb the gradient at a steady speed...

Appendix 2

Digits used to supplement the codes to be used for various kinds of bodywork

01 Flat bed; 02 Drop-side; 03 Box body; 04 Conditioned...

ANNEX II

REQUIREMENTS FOR THE PURPOSE OF EU TYPE-APPROVAL OF
VEHICLES, SYSTEMS, COMPONENTS OR SEPARATE TECHNICAL UNITS

PART I

Regulatory acts for EU type-approval of vehicles produced in unlimited series

Explanatory notes

- (1) For vehicles with a reference mass not exceeding 2 610 kg...
- (2) In case of vehicles equipped with a LPG or CNG...
- (3) The fitting of an electronic stability control ('ESC') system is...
- (4) The fitting of an ESC system is required in accordance...
- (4A) If fitted, the protective device shall fulfil the requirements of...
- (4B) This Regulation applies to seats not falling within the scope...
- (5) Vehicles of this category shall be fitted with a suitable...
- (6) Vehicles of this category shall be fitted with a suitable...
- (9) For vehicles with a reference mass exceeding 2 610 kg which...
- (9A) Applies only where such vehicles are fitted with equipment covered...
- (10) Applies only to vehicles equipped with coupling(s).
- (11) Applies to vehicles with a technically permissible maximum laden mass...
- (12) Only applicable to vehicles where the 'Seating Reference Point ("R"...
- (13) Applies only when the manufacturer applies for type-approval of vehicles...
- (14) Applies only for vehicles of category N1, class I as...
- (15) Compliance with Regulation (EC) No 661/2009 is mandatory, however, type-approval under...

Appendix 1 Regulatory acts for EU type-approval of vehicles produced in small series...

Explanatory notes

X
A
B
C
D
N/A

Appendix 2 Requirements for EU individual vehicle approval pursuant to Article 44

1. APPLICATION
2. ADMINISTRATIVE PROVISIONS
 - 2.1. Categorisation of the vehicle
 - 2.2. Application for individual vehicle approval
 - 2.3. Technical services entrusted with individual vehicle approvals
 - 2.4. Test reports
 - 2.5. In the individual vehicle approval procedure each particular vehicle shall...
 - 2.6. Where the approval authority is satisfied that the vehicle meets...
 - 2.7. The certificate of approval shall be drafted in accordance with...
 - 2.8. The approval authority shall keep record of all approvals granted...
3. REVIEW OF THE TECHNICAL REQUIREMENTS
4. TECHNICAL REQUIREMENTS

Part I: Vehicles belonging to category M1

Council Directive 70/157/EEC of 6 February 1970 on the approximation...

Part II: Vehicles belonging to category N1

Commission Regulation (EU) No 582/2011 of 25 May 2011 implementing...

Explanatory notes to Appendix 2

1. Abbreviations used in this Appendix:
2. Remarks:

PART II

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

PART III

List of regulatory acts setting out the requirements for the
purpose of EU type-approval of special purpose vehicles

Appendix Motor-caravans, ambulances and hearses
Additional requirements for ambulances

Appendix Armoured vehicles

Appendix Wheelchair accessible vehicles

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

1. Definitions
 - 1.1. Surrogate wheelchair (SWC) means a rigid, re-usable test wheelchair, as...
 - 1.2. Point P means a representation of the position of the...
2. General requirements
 - 2.1. Each wheelchair location shall be provided with anchorages to which...
 - 2.2. The wheelchair occupant's lower belt anchorages shall be located in...
 - 2.3. An assessment shall be made of the WTORS occupant belt...
 - 2.4. The minimum number of ISOFIX child seat anchorages need not...
3. Static in-vehicle testing
 - 3.1. Wheelchair occupant restraint anchorages
 - 3.1.1. The wheelchair occupant restraint anchorages shall resist the static forces...
 - 3.2. Wheelchair tie-down anchorages
 - 3.3. Components of the system
 - 3.3.1. All components of the WTORS shall meet the relevant requirements...
 - 3.3.2. Where the occupant restraint part of the WTORS is approved...
4. Dynamic in-vehicle testing
 - 4.1. The full assembly of the WTORS system shall be tested...
 - 4.2. The component parts of the WTORS shall meet the relevant...

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

Appendix 1 Mobile cranes

Appendix 2 Exceptional load transport vehicles

- Explanatory Notes on the applicability of the requirements in this...
- (1) For vehicles with a reference mass not exceeding 2 610 kg....
 - (2) In case of vehicles equipped with a LPG or CNG...
 - (3) The fitting of an ESC system is required by Article 12...
 - (4) The fitting of an ESC system is required by Article 12...
 - (4A) If fitted, the protective device shall fulfil the requirements set...
 - (4B) This Regulation applies to seats not falling within the scope...
 - (5) Vehicles of categories other than M1 do not need to...
 - (6) Vehicles of categories other than M1 do not need to...
 - (8) For vehicles with a reference mass exceeding 2 610 kg and...
 - (9) For vehicles with a reference mass exceeding 2 610 kg that...
 - (9A) Applies only where such vehicles are fitted with equipment covered...
 - (10) Applies only to vehicles equipped with coupling(s).
 - (11) Applies to vehicles with a technically permissible maximum laden mass...
 - (12) Only applicable to vehicles where the ‘Seating Reference Point (“R”’...
 - (13) Applies only where the manufacturer applies for type-approval of vehicles...
 - (14) Applies only for vehicles of category N1, class I (reference...
 - (15) At the request of the manufacturer, a type-approval may be...
 - (16) The fitting of an advanced emergency braking system is not...
 - (17) The fitting of a lane departure warning system is not...

ANNEX III

PROCEDURES TO BE FOLLOWED WITH RESPECT TO EU TYPE-APPROVAL

1. Objectives and scope
 - 1.1. This Annex establishes the procedures for the proper conduct of the...
 - 1.2. It also includes:
2. Type-approval procedure
3. Combination of technical specifications
4. Specific provisions

Appendix 1

Standards with which the technical services referred to in Article 68 have to comply

1. Activities related to testing for type-approval to be carried out...
 - 1.1. Category A (tests performed in own facilities):
 - 1.2. Category B (supervision of tests, which includes test preparation, where...
2. Activities related to conformity of production
 - 2.1. Category C (procedure for the initial assessment and surveillance audits...
 - 2.2. Category D (inspection or testing of production samples or supervision...

Appendix 2

Procedure for the assessment of the technical services

1. Objective and scope
 - 1.1. This Appendix establishes the conditions in accordance with which the...
 - 1.2. Those requirements shall apply to all technical services, irrespective of...
2. Assessments
3. Skills requirements for auditors
 - 3.1. The assessments may only be conducted by auditors having the...
 - 3.2. The auditors shall have been trained specifically for assessment activities. In...
 - 3.3. Without prejudice to points 3.1 and 3.2, the assessment referred...
4. Application for designation
 - 4.1. A duly authorised representative of the applicant technical service shall...
 - 4.2. The competent authority shall review the adequacy of the information...
 - 4.3. The technical service shall notify to the competent authority any...
5. Resource review
6. Subcontracting the assessment
 - 6.1. The competent authority may subcontract parts of the assessment to...
 - 6.2. The competent authority shall take into account accreditation certificates with...
7. Preparation for assessment
 - 7.1. The competent authority shall formally appoint a joint assessment team. The...
 - 7.2. The competent authority shall clearly define the assignment given to...
 - 7.3. The competent authority shall agree, together with the technical service...
 - 7.4. The competent authority shall ensure that the joint assessment team...
8. On-site assessment
9. Analysis of findings and assessment report
 - 9.1. The joint assessment team shall analyse all relevant information and...
 - 9.2. The competent authority's reporting procedures shall ensure that the following...
 - 9.2.1. A meeting shall take place between the joint assessment team...
 - 9.2.2. A written report on the outcome of the assessment shall...
 - 9.2.3. The technical service shall be invited to respond to the...
 - 9.3. The competent authority shall ensure that the responses of the...
 - 9.4. The assessment report shall include at least the following:
10. Granting, confirming or extending a designation
 - 10.1. The competent authority shall, without undue delay, make the decision...
 - 10.2. The competent authority shall provide a certificate to the technical...
11. Reassessment and surveillance
 - 11.1. Reassessment is similar to an initial assessment except that experience...
 - 11.2. The competent authority shall design its plan for reassessment and...
 - 11.3. Where, during surveillance or reassessments, non-compliance is identified, the competent...

- 11.4. Where the corrective or improvement actions have not been taken...
- 11.5. Where the competent authority decides to suspend or withdraw the...
- 12. Records on designated technical services
 - 12.1. The competent authority shall maintain records on technical services to...
 - 12.2. The competent authority shall keep the records on technical services...
 - 12.3. Records on technical services shall include at least the following:...

ANNEX IV

CONFORMITY OF PRODUCTION PROCEDURES

- 1. Objectives
 - 1.1. The conformity of production procedure aims to ensure that each...
 - 1.2. The conformity of production procedure shall always include the assessment...
- 2. Initial assessment
 - 2.1. Before granting type-approval, the approval authority shall verify that the...
 - 2.2. Guidance for conducting those assessments may be found in standard...
 - 2.3. Compliance with the requirements of point 2.1 shall be verified to...
 - 2.3.1. The initial assessment and verification of product conformity arrangements shall...
 - 2.3.1.1. When considering the extent of the initial assessment to be...
 - 2.3.2. The initial assessment and verification of product conformity arrangements may...
 - 2.3.2.1. The approval authority of that other Member State shall in that...
 - 2.3.2.2. Upon receiving a request for a statement of compliance from...
 - 2.3.2.3. The statement of compliance shall include at least the following:...
 - 2.3.3. An approval authority may also accept the manufacturer's certification to...
 - 2.4. For the purpose of vehicle type-approval, the initial assessments carried...
- 3. Product conformity arrangements
 - 3.1. Every vehicle, system, component or separate technical unit, part or...
 - 3.2. Before granting a type-approval pursuant to this Regulation and to...
 - 3.3. The holder of the type-approval shall, in particular:
 - 3.4. In the case of step-by-step, mixed or multi-stage type-approvals, the...
 - 3.5. The approval authority that is granting a whole-vehicle type-approval and...
 - 3.6. Where points 3.4. and 3.5. apply and the approval authority...
- 4. Continued verification arrangements
 - 4.1. The approval authority that has granted type-approval may at any...
 - 4.1.1. The normal arrangements for such periodic audits shall be to...
 - 4.1.1.1. Surveillance activities carried out by the technical services (qualified or...
 - 4.1.1.2. The normal frequency of verifications by the approval authority (other...
 - 4.2. At every review, records of tests or checks and records...
 - 4.3. The inspector may select samples at random manner to be...
 - 4.4. The inspector who is of the opinion that the level...

- 4.5. Where unsatisfactory results are found during an inspection or a...
- 4.6. In cases where compliance with UN Regulations is required by this...

ANNEX V

SMALL SERIES AND END-OF-SERIES LIMITS

- A. SMALL SERIES QUANTITATIVE ANNUAL LIMITS
 - 1. The number of units of one type of vehicle to...
 - 2. The number of units of one type of vehicle to...
- B. END-OF-SERIES LIMITS

ANNEX VI

LIST OF PARTS OR EQUIPMENT THAT MAY POSE A SERIOUS RISK TO THE CORRECT FUNCTIONING OF SYSTEMS THAT ARE ESSENTIAL FOR THE SAFETY OF THE VEHICLE OR ITS ENVIRONMENTAL PERFORMANCE, THE PERFORMANCE REQUIREMENTS OF SUCH PARTS AND EQUIPMENT, THE APPROPRIATE TEST PROCEDURES, AND MARKING AND PACKAGING PROVISIONS

- I. Parts or equipment having a significant impact on vehicle safety...
- II. Parts or equipment having a significant impact on the environmental...

ANNEX VII

REGULATORY ACTS FOR WHICH A MANUFACTURER MAY BE DESIGNATED AS A TECHNICAL SERVICE

- 1. Objectives and scope
 - 1.1. This Annex lays down the list of the regulatory acts for...
 - 1.2. It also includes appropriate provisions concerning the designation of an...
 - 1.3. This Annex however does not apply to manufacturers who apply for...
- 2. Designation of an in-house technical service of a manufacturer as...
 - 2.1. An in-house technical service of a manufacturer designated as a...
- 3. List of regulatory acts and restrictions

Appendix

Designation of an in-house technical service of a manufacturer as technical service and subcontracting

- 1. General
 - 1.1. The designation and notification of an in-house technical service of...
- 2. Subcontracting
 - 2.1. In accordance with Article 71(1), a technical service may nominate a...

- 2.2. For the purposes of this Appendix 'Subcontractor' means either a...
 - 2.3. The use of the services of a subcontractor does not...
 - 2.4. Point 2 of Annex VII shall apply to the subcontractor.
3. Test report

ANNEX VIII

CONDITIONS FOR THE USE OF VIRTUAL TESTING METHODS BY A MANUFACTURER OR A TECHNICAL SERVICE

1. Objectives and scope
2. List of regulatory acts

Appendix 1

General conditions for the use of virtual testing methods

1. Virtual test pattern
2. Fundamentals of computer simulation and calculation
 - 2.1. Mathematical model
 - 2.2. Validation process of the mathematical model
 - 2.3. Documentation
3. Tools and support

Appendix 2

Specific conditions for the use of virtual testing methods

1. List of regulatory acts

Appendix 3

Validation process

ANNEX IX

PROCEDURES TO BE FOLLOWED DURING MULTI-STAGE TYPE-APPROVAL

1. Obligations of manufacturers
 - 1.1. The satisfactory operation of the multi-stage type-approval requires joint action...
 - 1.2. Each manufacturer involved in a multi-stage type-approval shall be responsible...

2. Obligations of approval authorities
 - 2.1. The approval authority shall:
 - 2.2. The number of vehicles to be inspected for the purposes...
3. Applicable requirements
 - 3.1. Multi-stage type-approvals shall be granted on the basis of the...
 - 3.2. For the whole-vehicle type-approval, this Regulation (in particular the requirements...
 - 3.2.1. Where a type of system, component or separate technical unit...
 - 3.2.2. Where a type of system has been modified at the...
 - 3.2.3. Where a type of vehicle or a type of system...
 - 3.2.4. The change of category of a vehicle shall lead to...
 - 3.3. Subject to the agreement of the approval authority, a whole-vehicle...
 - 3.4. Where the cargo area of a complete or completed vehicle...
4. Identification of the vehicle
 - 4.1. The VIN, prescribed by Regulation (EU) No 19/2011, shall be retained...
 - 4.2. At the second and subsequent stages, in addition to the...

Appendix

Model of the manufacturer's additional plate

The example below is given as a guide only.

ANNEX X

ACCESS TO VEHICLE OBD INFORMATION AND VEHICLE REPAIR AND MAINTENANCE INFORMATION

1. Introduction
2. Access to vehicle OBD information and vehicle repair and maintenance...
 - 2.1. A manufacturer shall put in place the necessary arrangements and...
 - 2.2. An approval authority shall only grant type-approval after receiving from...
 - 2.3. The certificate on access to vehicle OBD information and vehicle...
 - 2.4. The certificate on access to vehicle OBD information and vehicle...
 - 2.5. The vehicle OBD information and vehicle repair and maintenance information...
 - 2.6. The manufacturer shall make available to interested parties the following...
 - 2.7. For the purposes of point 2.6.1., the development of replacement components...
 - 2.8. For the purposes of point 2.6.2, where manufacturers use diagnostic and...
 - 2.9. For the purpose of vehicle OBD, diagnostics, repair and maintenance,...
3. Multi-stage type-approval
 - 3.1. In the case of a multi-stage type-approval, the final manufacturer...
 - 3.2. In addition, the final manufacturer shall on its website provide...
 - 3.3. Each manufacturer responsible for a particular stage or stages of...
 - 3.4. The manufacturer responsible for a particular stage or stages of...
 - 3.5. Each manufacturer shall authorise the manufacturer responsible for the next...
 - 3.6. In addition, on a contractual basis, the manufacturer responsible for...

- 3.7. A manufacturer, including a final manufacturer, may only charge fees...
4. Customer adaptations
 - 4.1. By derogation from point 2, if the number of systems, components...
 - 4.2. Manufacturers shall make the proprietary specialist diagnostic tool or test...
 - 4.3. The manufacturer shall mention in the certificate on access to...
5. Small volume manufacturers
 - 5.1. By derogation from point 2, manufacturers whose worldwide annual production of...
 - 5.2. The vehicle, system, component and separate technical unit subject to...
 - 5.3. The approval authority shall inform the Commission of each type-approval...
6. Requirements
 - 6.1. Vehicle OBD information and vehicle repair and maintenance information available...
 - 6.2. Access to vehicle security features used by authorised dealers and...
 - 6.3. The Forum on Access to Vehicle Information referred to in...
 - 6.4. Reprogramming of control units shall be conducted in accordance with...
 - 6.5. The requirements of point 6.4. shall not apply in the case...
 - 6.6. All emission-related DTCs shall be consistent with Annex XI to Regulation...
 - 6.7. For access to any vehicle OBD information and vehicle repair...
 - 6.8. Manufacturers shall indicate in their repair information websites the type-approval...
 - 6.9. If the vehicle OBD information and vehicle repair and maintenance...
7. Requirements for type-approval
 - 7.1. In order to receive a type-approval, the manufacturer shall submit...
 - 7.2. Where the vehicle OBD information and vehicle repair and maintenance...
 - 7.3. The obligation to provide information within the period referred to...
 - 7.4. On the basis of a completed certificate on access to...

Appendix 1

Manufacturer's certificate on access to vehicle OBD information and vehicle repair and maintenance information

ANNEX A

WEBSITE ADDRESSES REFERRED TO IN THIS CERTIFICATE:

ANNEX B

CONTACT DETAILS OF THE MANUFACTURER'S
REPRESENTATIVE REFERRED TO IN THIS CERTIFICATE:

ANNEX C

TYPES OF VEHICLE, SYSTEM, COMPONENT OR SEPARATE TECHNICAL UNIT:

Appendix 2

Vehicle OBD information

1. The vehicle manufacturer shall provide the information required in this...
2. Upon request, the following information shall be made available, on...
3. Information required for the manufacturing of diagnostic tools
 - 3.1. Communication protocol information
 - 3.2. Test and diagnosis of OBD monitored components
 - 3.3. Data required to perform the repair

ANNEX XI

CORRELATION TABLE

1. Regulation (EC) No 715/2007
2. Regulation (EC) No 595/2009
3. Directive 2007/46/EC

- (1) [OJ C 303, 19.8.2016, p. 86.](#)
- (2) Position of the European Parliament of 19 April 2018 (not yet published in the Official Journal) and decision of the Council of 22 May 2018.
- (3) Directive 2007/46/EC of the European Parliament and of the Council of 5 September 2007 establishing a framework for the approval of motor vehicles and their trailers, and of systems, components and separate technical units intended for such vehicles (Framework Directive) ([OJ L 263, 9.10.2007, p. 1](#)).
- (4) Regulation (EC) No 765/2008 of the European Parliament and of the Council of 9 July 2008 setting out the requirements for accreditation and market surveillance relating to the marketing of products and repealing Regulation (EEC) No 339/93 ([OJ L 218, 13.8.2008, p. 30](#)).
- (5) Council Decision 97/836/EC of 27 November 1997 with a view to accession by the European Community to the Agreement of the United Nations Economic Commission for Europe concerning the adoption of uniform technical prescriptions for wheeled vehicles, equipment and parts which can be fitted to and/or be used on wheeled vehicles and the conditions for reciprocal recognition of approvals granted on the basis of these prescriptions ('Revised 1958 Agreement') ([OJ L 346, 17.12.1997, p. 78](#)).
- (6) Regulation (EC) No 661/2009 of the European Parliament and of the Council of 13 July 2009 concerning type-approval requirements for the general safety of motor vehicles, their trailers and systems, components and separate technical units intended therefor ([OJ L 200, 31.7.2009, p. 1](#)).
- (7) Regulation (EC) No 715/2007 of the European Parliament and of the Council of 20 June 2007 on type approval of motor vehicles with respect to emissions from light passenger and commercial vehicles (Euro 5 and Euro 6) and on access to vehicle repair and maintenance information ([OJ L 171, 29.6.2007, p. 1](#)).
- (8) Regulation (EC) No 595/2009 of the European Parliament and of the Council of 18 June 2009 on type-approval of motor vehicles and engines with respect to emissions from heavy duty vehicles (Euro VI) and on access to vehicle repair and maintenance information and amending Regulation (EC) No 715/2007 and Directive 2007/46/EC and repealing Directives 80/1269/EEC, 2005/55/EC and 2005/78/EC ([OJ L 188, 18.7.2009, p. 1](#)).
- (9) Directive 2014/45/EU of the European Parliament and of the Council of 3 April 2014 on periodic roadworthiness tests for motor vehicles and their trailers and repealing Directive 2009/40/EC ([OJ L 127, 29.4.2014, p. 51](#)).
- (10) [OJ L 123, 12.5.2016, p. 1.](#)
- (11) Regulation (EU) No 182/2011 of the European Parliament and of the Council of 16 February 2011 laying down the rules and general principles concerning mechanisms for control by Member States of the Commission's exercise of implementing powers ([OJ L 55, 28.2.2011, p. 13](#)).
- (12) Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation) ([OJ L 119, 4.5.2016, p. 1](#)).
- (13) Regulation (EC) No 45/2001 of the European Parliament and of the Council of 18 December 2000 on the protection of individuals with regard to the processing of personal data by the Community institutions and bodies and on the free movement of such data ([OJ L 8, 12.1.2001, p. 1](#)).