

**THE NETHERLANDS
(N E D E R L A N D)**

**EC TYPE-APPROVAL CERTIFICATE
(for a vehicle)**

Communication concerning:

- ~~EC type-approval~~⁽¹⁾
- extension of EC type-approval⁽¹⁾
- ~~refusal of EC type-approval~~⁽¹⁾
- ~~withdrawal of EC type-approval~~⁽¹⁾

Of a type of:

- ~~complete vehicle~~⁽¹⁾
- completed vehicle⁽¹⁾
- ~~incomplete vehicle~~⁽¹⁾
- ~~vehicle with complete and incomplete variants~~⁽¹⁾
- ~~vehicle with completed and incomplete variants~~⁽¹⁾

with regard to Directive 2007/46/EC as last amended.

EC type-approval number : **e4*2007/46*1348*08**

 Reason for extension : see documentation
SECTION I

- 0.1. Make (trade name of manufacturer) : OPEL / VAUXHALL
- 0.2. Type : ETO
- 0.2.1. Commercial name(s)⁽²⁾ : Combo Life Tripod
- 0.3. Means of identification of type, if marked on the vehicle : VIN Code: W0VE???????????? (Opel/Vauxh.)
Type code: ETO
- 0.3.1. Location of that marking : VIN Code: Opel/Vauxhall manufacturer's plate located on RH side B-pillar & VIN stamped into RH side wheel arch (in engine compartment).

Type code: Tripod manufacturer's plate located on RH side B-pillar.
- 0.4. Category of vehicle⁽³⁾ : M1 (SH)



EC type-approval number: e4*2007/46*1348*08

- 0.5. Name and address of manufacturer of the ~~complete~~/completed vehicle ⁽¹⁾ : Tripod Mobility B.V.
Collseweg 10
5674 TR Nuenen
The Netherlands
- 0.5.1. For multi-stage approved vehicles, company name and address of the manufacturer of the base/previous stage(s) vehicle : Opel Automobile GmbH
Bahnhofplatz
65423 Rüsselsheim am Main
Germany
- 0.8. Name(s) and address(es) of assembly plant(s) : see Annex 13, list of assembly plants, of the information document
- 0.9. Name and address of the manufacturer's representative (if any) : not applicable



SECTION II

The undersigned hereby certifies the accuracy of the manufacturer's description in the attached information document of the vehicle(s) described above ((a) sample(s) having been selected by the EC type-approval authority and submitted by the manufacturer as prototype(s) of the vehicle type) and that the attached test results are applicable to the vehicle type.

1. For ~~complete and~~ completed vehicles/variants⁽¹⁾:

The vehicle type meets/~~does not meet~~⁽¹⁾ the technical requirements of all the relevant regulatory acts as prescribed in ~~Annex IV and~~ Annex XI⁽¹⁾⁽⁴⁾ to Directive 2007/46/EC.

2. For incomplete vehicles/~~variants~~⁽¹⁾: Not applicable

~~The vehicle type meets/does not meet~~⁽¹⁾ the technical requirements of the regulatory acts listed in the table on side 2.

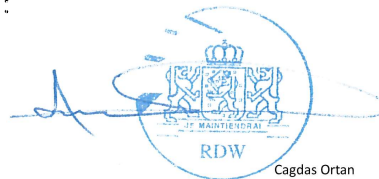
3. The approval is granted/~~refused/withdrawn~~⁽¹⁾.

4. ~~The approval is granted in accordance with Article 20 and the validity of the approval is thus limited to dd/mm/yy.~~

Place : Zoetermeer

Date : 20 March 2023

Signature :



RDW
Cagdas Ortan

- Attachment: - Test results (see Annex VIII)
- Test report: RDW-2007/46-0126530
- Information document
- Name(s) and specimen(s) of the signature(s) of the person(s) authorised to sign certificates of conformity and a statement of their position in the company.

⁽¹⁾ Delete where not applicable.

⁽²⁾ If not available at the time of granting the type-approval, this item shall be completed at the latest when the vehicle is introduced on the market.

⁽³⁾ As defined in Annex II.A.

⁽⁴⁾ See side 2

EC VEHICLE TYPE-APPROVAL CERTIFICATE

Side 2

This EC type-approval is, where incomplete and completed vehicles, variants or versions are concerned, based on the approval(s) for incomplete vehicles listed below:

Stage 1: Manufacturer of the base vehicle : Opel Automobile GmbH

EC type-approval number : e2*2007/46*0622*21

Dated : 02 January 2023

Applicable to variants or versions (as appropriate) : see documentation

Stage 2: Manufacturer : not applicable

EC type-approval number : --

Dated : --

Applicable to variants or versions (as appropriate) : --

Stage 3: Manufacturer : not applicable

EC type-approval number : --

Dated : --

Applicable to variants or versions (as appropriate) : --

In the case where the approval includes one or more incomplete variants or versions (as appropriate), list those variants or versions (as appropriate) which are complete or completed.

Complete/completed variant(s) : not applicable

List of requirements applicable to the approved incomplete vehicle type, variant or version (as appropriate, taking account of the scope and latest amendment to each of the regulatory acts listed below):

| Item | Subject | Regulatory act reference | Last amended | Applicable to variant or, if need be, to version |
|------|---------|--------------------------|--------------|--|
| -- | -- | -- | -- | -- |
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(List only subjects for which an EC type-approval exists.)



EC type-approval number: e4*2007/46*1348*08

In the case of special purpose vehicles, exemptions granted or special provisions applied pursuant to Annex XI ~~and exemptions granted pursuant to Article 20:~~

| Regulatory act reference | Item number | Kind of approval and nature of exemption | Applicable to variant or, if need be, to version |
|---|-------------|---|--|
| Permissible sound level | 1A | exemptions and special provisions applied in accordance to Annex XI Appendix 3 of 2007/46 as last amended by 214/2014 | all |
| Emissions | 2 | | all |
| Prevention of fire risks (liquid fuel tanks) | 3A | | all |
| Seats, their anchorages and any head restraints | 15A | | all |
| External projections | 16A | | all |
| Safety-belt anchorages, Isofix anchorages systems and Isofix top tether anchorages | 19A | | all |
| Safety-belts, restraint systems, child restraint systems and Isofix child restraint systems | 31A | | all |
| Masses and dimensions | 44A | | all |



Type-approval number: e4*2007/46*1348*08

Revision number: --

Contents of the index to the information package

Date of issue: 20 March 2023

Last date of revision: --

| Information document number | Date |
|-----------------------------|-------------------------|
| ETO-2007/46-1348 | 7 January 2019 |
| ETO-2007/46-1348 | 25 July 2019 |
| ETO-2007/46-1348 | 30 September 2019 |
| ETO-2007/46-1348 | 22 November 2020 |
| ETO-2007/46-1348 | 10 February 2020 |
| ETO-2007/46-1348 | 18 February 2021 |
| ETO-2007/46-1348 | 24 September 2021 |
| ETO-2007/46-1348 | 21 March 2022 |
| <u>ETO-2007/46-1348</u> | <u>20 February 2023</u> |

| Test report number | Date |
|----------------------------|----------------------|
| RDW-2007/46-0071701 | 28 February 2019 |
| RDW-2007/46-0085580 | 20 August 2019 |
| RDW-2007/46-0086375 | 2 October 2019 |
| RDW-2007/46-0086992 | 30 January 2020 |
| RDW-2007/46-0090850 | 20 February 2020 |
| RDW-2007/46-0098769 | 26 February 2021 |
| RDW-2007/46-0109235 | 19 October 2021 |
| RDW-2007/46-0116008 | 12 April 2022 |
| <u>RDW-2007/46-0126530</u> | <u>20 March 2023</u> |



Type-approval number: e4*2007/46*1348*08

Revision number: --

Contents of the index to the information package

Date of issue: 20 March 2023

Last date of revision: --

| Test results | Date |
|---|------------------------|
| see approval e2*2007/46*0622*03, Annex VIII | 7 September 2018 |
| see approval e2*2007/46*0622*04, Annex VIII | 26 November 2018 |
| see approval e2*2007/46*0622*05, Annex VIII | 23 May 2019 |
| see approval e2*2007/46*0622*06, Annex VIII | 31 July 2019 |
| see approval e2*2007/46*0622*07, Annex VIII | 25 September 2019 |
| see approval e2*2007/46*0622*10, Annex VIII | 18 November 2020 |
| see approval e2*2007/46*0622*15, Annex VIII | 22 September 2021 |
| see approval e2*2007/46*0622*17, Annex VIII | 18 February 2022 |
| see approval e2*2007/46*0622*21, Annex VIII | <u>02 January 2023</u> |

| Specimen(s) of signature | Date |
|--|-------------------------|
| see Annex 10 of information document: ETO-2007/46-1348 | 7 January 2019 |
| see Annex 10 of information document: ETO-2007/46-1348 | 18 February 2021 |
| see Annex 12 of information document: ETO-2007/46-1348 | 24 September 2021 |
| see Annex 12 of information document: ETO-2007/46-1348 | <u>20 February 2023</u> |

Remarks: documentation 104 pages
(valid for both LHD and RHD vehicles)



TEST REPORT



Concerning the approval of motor vehicles and their trailers with regard to Directive 2007/46/EC of 5 September 2007.

Test report number : **RDW-2007/46-0126530**

0.1. Make : OPEL/VAUXHALL

0.2. Type : ETO (L1, L2) (Combo Life Tripod)

0.4. Category of vehicles : M1 (SH)

0.5. Name and address of the manufacturer : Tripod Mobility B.V.
Collseweg 10
5674 TR Nuenen
The Netherlands

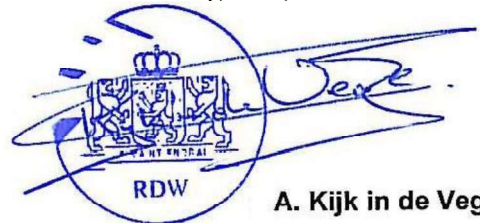
Information document
- number : ETO-2007/46-1348
- dated : 20 February 2023

Conclusion : The type of vehicle described in point 0.1. to 0.5. meets the requirements of the above mentioned Directive. There are no objections to granting the approval under the above-mentioned Directive.

Vehicle type submitted for approval on : 20 March 2023

Inspections carried out by : A. Kijk in de Vegte

Zoetermeer (NL), 20 March 2023
The test engineer,



RDW

A. Kijk in de Vegte

List of contents

- Reason for testing : see below
- Test results : page 3
- Approvals : page 5
- Appendix : page 14

List of attached diagrams

| Subject | Diagram number |
|---------|----------------|
| -- | -- |
| | |
| | |
| | |

Reason for testing

Extension of the 2nd stage WVTA:

- Variants/Versions added: CYHP2-?2S??0-??? (96 kW man.)
- Variants/Versions deleted: CYHZ2-?2??0-../RHNS3-?1??0-???
- Seats, row 2: TR03S seat removed
- Seats, row 3: TriflexAIR swivel plate modified
- WTORS: WTD front restraints (Braun) added
- Assembly plants: overview list revised (ATM / EMB / FCAS)
- Test results: YHT & HNP emissions updated, YHP added

Used test equipment

| Item | Identification number (make and type) | Calibration papers available |
|------|--|------------------------------|
| -- | -- | -- |
| | | |
| | | |
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| | | |

Remarks

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1. Test results

1.1. Verification if all separate Directive approvals are applicable to the appropriate standard in the relevant separate Directive (Annex V point 1a):

The separate Directive approvals are applicable to the appropriate standard in the relevant separate Directive.

1.2. Verification if the data contained in Part I of the vehicle information document are included in the information package and/or the approval certificates of the relevant separate Directive approvals (Annex V point 1b):

The data of Part I of the information document of the vehicle are included in the information packages and/or the approval certificates of the relevant separate Directives or in case the information is not included in the information package of any of the regulatory acts, it has been confirmed that the relevant part or characteristic conforms to the particulars in the information folder.

1.3. Verification if the vehicle(s) is/are built in accordance with the relevant data contained in the information package in respect of all separate Directive approvals for vehicle parts and systems and the installation of technical units. (Annex V point 1c and 1d).

2. Checked items:

| Vehicle category \ Criteria | M ₁ | M ₂ | M ₃ | N ₁ | N ₂ | N ₃ | O ₁ | O ₂ | O ₃ | O ₄ |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| Tested category | ↓ | | | | | | | | | |
| Engine | -- | X | X | X | X | X | -- | -- | -- | -- |
| Gearbox | -- | X | X | X | X | X | -- | -- | -- | -- |
| Number of axles | -- | X | X | X | X | X | X | X | X | X |
| Powered axles (number, position, interconnection) | -- | X | X | X | X | X | -- | -- | -- | -- |
| Steered axles (number and position) | -- | X | X | X | X | X | X | X | X | X |
| Body styles | -- | X | X | X | X | X | X | X | X | X |
| Number of doors | -- | X | X | X | X | X | X | X | X | X |
| Hand of drive | -- | X | X | X | X | X | -- | -- | -- | -- |
| Number of seats | X | X | X | X | X | X | -- | -- | -- | -- |
| Level of equipment | -- | X | X | X | X | X | -- | -- | -- | -- |



3. Test vehicle(s)

3.1. Vehicle description

| | Test vehicle 1 |
|--------------------------------|----------------|
| Vehicle type | : -- |
| Vehicle variant | : -- |
| Vehicle version | : -- |
| Vehicle Identification Number | : -- |
| Engine | : -- |
| Gearbox | : -- |
| Number of axles | : -- |
| Powered axle(s) | : -- |
| Steered axle(s) | : -- |
| Body style | : -- |
| Number of doors | : -- |
| Hand of drive | : -- |
| Number of seats | : -- |
| Number of wheelchair positions | : -- |

Remark: administrative assessment



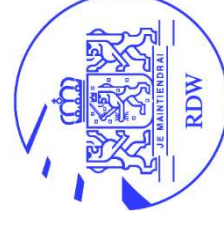
Test report number: RDW-2007/46-0126530

| No (*) Subject | Approval No | Covered variant / version | Conforms / comments |
|--|---|----------------------------------|----------------------------|
| 1A. Permissible sound level | Stage 2: RDW-51R-0126534 (R51.03 suppl. 06) | all / all | conforms / see remarks |
| 2. Emissions (Euro 5 and 6) light-duty vehicles/ access to information | Stage 1: e2*2007/46*0622*21 | all / all | conforms / see remarks |
| 3A. Prevention of fire risks (liquid fuel tanks) | Stage 2: RDW-34R-0098774 (R34.03 suppl. 02) | all / all | conforms / see remarks |
| 3B. Rear underrun protective devices (RUPDs) and their installation; rear underrun protection (RUP) | Stage 2: RDW-58R-0071711 (R58.03) | all / all | conforms/-- |
| 4A. Space for mounting and fixing rear registration plates | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 5A. Steering equipment | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 6A. Vehicle access and manoeuvrability | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 6B. Door latches and door retention components | Stage 2: RDW-11R-0071703 (R11.04 suppl. 1) | all / all | conforms/-- conforms/-- |
| 7A. Audible warning devices and signals | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 8A. Devices for indirect vision and their installation | Stage 1: e2*2007/46*0622*21 | all / all | conforms / see remarks |
| 9B. Braking of passenger cars | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 10A. Electromagnetic compatibility | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 12A. Interior fittings | Stage 2: RDW-21R-0109237 (R21.01 suppl. 3) | all / all | conforms/-- |

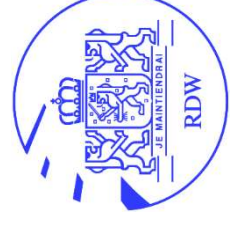
(*) Numbers according to Annex IV to Directive 2007/46/EC.

Test report number: RDW-2007/46-0126530

| No^(*) Subject | Approval No | Covered variant / version | Conforms / comments |
|---|--|----------------------------------|--|
| 13B. Protection of motor vehicles against unauthorised use | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 14A. Protection of the driver against the steering mechanism in the event of impact | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 15A. Seats, their anchorages and any head restraints | RDW-17R-0103778 (R17.09 suppl. 1) | all / all | conforms/see remarks |
| 16A. External projections | RDW-26R-0071708 (R26.03 suppl. 3) | all / all | conforms/see remarks |
| 17A. Vehicle access and manoeuvrability | see No 6A | | |
| 17B. Speedometer equipment including its installation | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 18A. Manufacturer's statutory plate and vehicle identification number | Stage 1: e2*2007/46*0622*21 Stage 2: see appendix | all / all all / all | conforms/-- conforms/-- |
| 19A. Safety-belt anchorages, Isofix anchorages systems and Isofix top tether anchorages | Stage 2: RDW-14R-0126533 (R14.09 suppl. 1) Stage 2: RDW-145-0116011 (R145.00) | all / all all / all | conforms/see remarks conforms/see remarks |
| 20A. Installation of lighting and light-signalling devices on vehicles | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 21A. Retro-reflecting devices for power-driven vehicles and their trailers | covered by No 20A | | |
| 22A. Front and rear position lamps, stop-lamps and end-outline marker lamps for motor vehicles and their trailers | covered by No 20A | | |



| No (*) | Subject | Approval No | Covered variant / version | Conforms / comments |
|--------|---|-------------------|---------------------------|---------------------|
| 22B. | Daytime running lamps for power-driven vehicles | covered by No 20A | | |
| 22C. | Side-marker lamps for motor vehicles and their trailers | covered by No 20A | | |
| 23A. | Direction indicators for power-driven vehicles and their trailers | covered by No 20A | | |
| 24A. | Illumination of rear-registration plates of power-driven vehicles and their trailers | covered by No 20A | | |
| 25A. | Power-driven vehicle's sealed-beam headlamps (SB) emitting an European asymmetrical passing beam or a driving beam or both | covered by No 20A | | |
| 25B. | Filament lamps for use in approved lamp units of power-driven vehicles and their trailers | covered by No 20A | | |
| 25C. | Motor vehicle headlamps equipped with gas-discharge light sources | covered by No 20A | | |
| 25D. | Gas-discharge light sources for use in approved gas-discharge lamp units of power-driven vehicles | covered by No 20A | | |
| 25E. | Motor vehicle headlamps emitting an asymmetrical passing beam or a driving beam or both and equipped with filament lamps and/or LED modules | covered by No 20A | | |



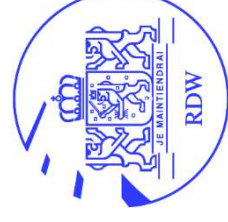
Test report number: RDW-2007/46-0126530

| No ^(*) Subject | Approval No | Covered variant / version | Conforms / comments |
|--|---|---------------------------|------------------------|
| 25F. Adaptive front-lighting systems (AFS) for motor vehicles | covered by No 20A | | |
| 26A. Power-driven vehicle front fog lamps | covered by No 20A | | |
| 27A. Towing device | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 28A. Rear fog lamps for power- driven vehicles and their trailers | covered by No 20A | | |
| 29A. Reversing lights for power- driven vehicles and their trailers | covered by No 20A | | |
| 30A. Parking lamps for power- driven vehicles | covered by No 20A | | |
| 31A. Safety-belts, restraint systems, child restraint systems and Isofix child restraint systems | Stage 2:RDW-16R-0109236 (R16.07 suppl. 5) | all / all | conforms / see remarks |
| 32A. Forward field of vision | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 33A. Location and identification of hand controls, tell-tales and indicators | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 34A. Windscreen defrosting and demisting systems | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 35A. Windscreen wiper and washer systems | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 36A. Heating systems | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 37A. Wheel guards | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |



Test report number: RDW-2007/46-0126530

| No (*) Subject | Approval No | Covered variant / version | Conforms / comments |
|--|--|---------------------------|------------------------|
| 38A. Head restraints (headrests), whether or not incorporated in vehicle seats | covered by No 15A | | |
| 40. Engine power | covered by No 2A | | conforms/-- |
| 41A. Emissions (Euro VI) heavy duty vehicles/access to information | not applicable for category M1 vehicles | | |
| 42A. Lateral protection of goods vehicles | not applicable for category M1 vehicles | | |
| 43A. Spray suppression systems | not applicable for category M1 vehicles | | |
| 44A. Masses and dimensions | Stage 2: RDW-1230/2012-0126532 (1230/2012*2019/1892) | all / all | conforms / see remarks |
| 45A. Safety glazing materials and their installation on vehicles | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 46A. Installation of tyres | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 46B. Pneumatic tyres for motor vehicles and their trailers (Class C1) | covered by No. 46A | | |
| 46C. Pneumatic tyres for commercial vehicles and their trailers (Classes C2 and C3) | not applicable for category M1 vehicles | | |
| 46D. Tyre rolling sound emissions, adhesion on wet surfaces and rolling resistance (Classes C1, C2 and C3) | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 46E. Temporary-use spare unit, run-flat tyres/system and tyre pressure monitoring system | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |



| No (*) Subject | Approval No | Covered variant / version | Conforms / comments |
|---|--|---------------------------|---------------------|
| 47A. Speed limitation of vehicles | not applicable for category M1 vehicles | | |
| 48A. Masses and dimensions | not applicable for category M1 vehicles | | |
| 49A. Commercial vehicles with regard to their external projections forward of the cab's rear panel | not applicable for category M1 vehicles | | |
| 50A. Mechanical coupling components of combinations of vehicles | not applicable; see remarks | | |
| 50B. Close-coupling device (CCD); fitting of an approved type of CCD | not applicable for category M1 vehicles | | |
| 51A. Burning behaviour of materials used in the interior construction of certain categories of motor vehicles | not applicable for category M1 vehicles | | |
| 52A. M2 and M3 vehicles | not applicable for category M1 vehicles | | |
| 52B. Strength of the superstructure of large passenger vehicles | Stage 2: not applicable for category M1 vehicles | | |
| 53A. Protection of occupants in the event of a frontal collision | Stage 2: this regulatory act is not applicable to this vehicle | | |
| 54A. Protection of occupants in the event of lateral collision | this regulatory act is not applicable to this vehicle | | |
| 56A. Vehicles for the carriage of dangerous goods | not applicable for category M1 vehicles | | |

| No (*) | Subject | Approval No | Covered variant / version | Conforms / comments |
|--------|---|--|---------------------------|----------------------------|
| 57A. | Front underrun protective devices (FUPDs) and their installation; front underrun protection (FUP) | not applicable for category M1 vehicles | | |
| 58. | Pedestrian protection Braking (brake assist) | Stage 1: e2*2007/46*0622*21 Stage 1: e2*2007/46*0622*21 | all / all all / all | conforms/-- conforms/-- |
| 59. | Recyclability | not applicable | all / all | conforms / see remarks |
| 61. | Air-conditioning systems | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 62. | Hydrogen system | not applicable | | |
| 63. | General Safety | not applicable | | |
| 64. | Gear shift indicators | Stage 1: e2*2007/46*0622*21 | all / all | conforms/-- |
| 65. | Advanced emergency braking system | not applicable for category M1 vehicles | | |
| 66. | Lane departure warning system | not applicable for category M1 vehicles | | |
| 67. | Specific components for liquefied petroleum gases (LPG) and their installation on motor vehicles | not applicable | | |
| 68. | Vehicle alarm systems (VAS) | covered by No 13B | | |
| 69. | Electric safety | not applicable | | |
| 70. | Specific components for CNG and their installation on motor vehicles | not applicable | | |

| No (*) | Subject | Approval No | Covered variant / version | Conforms / comments |
|--------|---------|-------------|---------------------------|---------------------|
|--------|---------|-------------|---------------------------|---------------------|

| | | | | |
|----|--------------|----------------|--|--|
| 72 | eCall system | not applicable | | |
|----|--------------|----------------|--|--|

The vehicle(s) is/are built in accordance with the relevant data contained in the information package of all separate Directive approvals and the installation of the separate technical units.

Remarks:

- | | | | | |
|-----------|--|--|--|--|
| Item 1A: | The exhaust system slightly modified. Exhaust silencers remain unchanged. The test results of stage 1 remain valid. | | | |
| Item 2: | Changes to the exhaust system have been permitted without retest as permitted by 2007/46/EC, annex XI, Appendix 3. | | | |
| Item 3A: | New fuel tank mounted. Accessories from original tank. | | | |
| Item 8: | The installation of a wheelchair ramp does affect the rear field of vision of the interior rear-view mirror. The right and left OEM exterior rear-view mirrors remain unchanged and meet the requirements. | | | |
| item 15A: | Sufficient space is provided for a wheelchair as specified by 2007/46/EC Annex XI, Appendix 3. See also information document. | | | |
| Item 19A | Tests have been performed for the wheelchair and occupant restraint system as specified by 2007/46/EC, Annex XI, Appendix 3. (as amended by 214/2014/EC); see appendix | | | |
| Item 31A | The integrated restraint systems for the wheelchair and occupant meets the requirements of the Regulation and as specified by 2007/46/EC Annex XI, Appendix 3; see appendix | | | |
| Item 44A | Consideration has been made of the effects of carrying a wheelchair as required by 2007/46/EC Annex XI, Appendix 3. (as amended by 214/2014/EC) | | | |
| Item 50. | Number of rear passengers may need to be reduced when transporting a wheelchair (160 kg). Limitation in passenger capacity shall be included in the certificate of conformity. | | | |
| Item 53A. | The special use of the stage 2 vehicle requires the definite removal of any rear coupling device. | | | |
| Item 54A. | No new tests has been carried out at stage 2 as permitted by 2007/46/EC, Annex XI, Appendix 3. | | | |
| Item 59. | No new tests has been carried out at stage 2 as permitted by 2007/46/EC, Annex XI, Appendix 3. | | | |
| | Multistage vehicles and wheelchair accessible vehicles are exempted from recyclability as permitted by 2007/46/EC. | | | |

Appendix

Additional requirements for testing the wheelchair tie down and occupant restraint system (according Annex XI, Appendix 3)

1. General requirements

- 1.1 Each wheelchair location shall be provided with anchorages to which a wheelchair tie-down and occupant restraint system (WTORS) shall be fitted. : pass
- 1.2 The wheelchair occupant's lower belt anchorages shall be located in accordance with UNECE Regulation 14-07, paragraph 5.4.2.2, relative to Point P on the SWC when placed in the travelling position designated by the manufacturer. The upper actual anchorage (s) shall be located at least 1 100 mm above the horizontal plane passing through the points of contact between the rear tyres of the SWC and the vehicle floor. This condition shall still be satisfied after the test carried out according to paragraph 2. below. : pass; see test report VCA No ESU437411-WAV, ESU452451-WAV, ESV469420-WAV
- 1.3 An assessment shall be made of the WTORS occupant belt to ensure compliance with the provisions of UNECE Regulation 16-06 paragraphs 8.2.2 to 8.2.2.4 and 8.3.1 to 8.3.4. : pass; see test report VCA No ESU437411-WAV, ESU452451-WAV, ESV469420-WAV
- 1.4 The minimum number of ISOFIX child seat anchorages need not to be provided. In the case of a multi-stage approval where an ISOFIX anchorage system has been affected by the conversion, the system shall either be re- tested or the anchorages shall be rendered unusable. In the latter case the ISOFIX labels shall be removed and appropriate information given to the vehicle purchaser. : applied; ISOFIX child seat anchorages available at 2nd row OEM seats and 3rd Row TriflexAIR seats



- 2 Static in-vehicle testing
- 2.1 Wheelchair occupant restraint anchorages
- 2.1.1 The wheelchair occupant restraint anchorages shall resist the static forces prescribed for occupant restraint anchorages in UNECE Regulation 14-07 simultaneously with the static forces applied to the wheelchair tie-down anchorages as specified in 2.2 below. : N/A (dynamic tests carried out)
- 2.2 Wheelchair tie-down anchorages
The wheelchair tie-down anchorages shall resist the following forces, for at least 0.2 seconds, applied via the SWC (or a suitable surrogate wheelchair having a wheelbase, seat height and tie-down attachment points in accordance with the specification for the SWC), at a height of 300 +/- 100 mm from the surface on which the SWC rests: : N/A (dynamic tests carried out)
- 2.2.1. In the case of a forward-facing wheelchair, a simultaneous force, coincident with the force applied to the occupant restraint anchorages, of 24,5 kN and : N/A (dynamic tests carried out)
- 2.2.2. a second test applying a static force of 8,2 kN directed towards the rear of the vehicle : pass; see test report RDW-14R-00717004
- 2.2.3. In the case of a rearward-facing wheelchair, a simultaneous force, coincident with the force applied to the occupant restraint anchorages, of 8,2 kN and : N/A
- 2.2.4. a second test applying a static force of 24,5 kN directed towards the front of the vehicle. : N/A
- 2.3. Components of the system
- 2.3.1. All components of the WTORS shall meet the relevant requirements of ISO 10542-1:2012. However, the dynamic test specified in Annex A and paragraphs 5.2.2 and 5.2.3 of ISO 10542-1:2012 shall be carried out on the complete WTORS using the vehicle anchorage geometry instead of the test geometry specified in Annex A of ISO 10542-1:2012. This may be carried out within the vehicle structure or on a surrogate structure representative of the vehicle's WTORS anchorage geometry. The location of each anchorage shall lie within the tolerance provided for in point 7.7.1 of UNECE Regulation No 16-06. : pass; see test report VCA No ESU437411-WAV, ESU452451-WAV, ESV469420-WAV, ESV478455, ESA574763



2.3.2. Where the occupant restraint part of the WTORS is approved according to UNECE Regulation No 16-06, it shall be subject to the dynamic test of the complete WTORS specified in paragraph 2.3.1, but the requirements of Paragraphs 5.1, 5.3 and 5.4 of ISO10542-1:2012 shall be considered to have been met.

: N/A

3. Dynamic in-vehicle testing

3.1. The full assembly of the WTORS system shall be tested by an in-vehicle dynamic test in line with paragraphs 5.2.2 and 5.2.3 and Annex A of ISO 10542-1:2012, testing all components/anchorages simultaneously, using a vehicle body-in-white or representative structure.

: pass; see test report
VCA No
ESU437411-WAV,
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ESV469420-WAV
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ESA574763

3.2. The component parts of the WTORS shall meet the relevant requirements of ISO10542-1:2012 paragraphs 5.1, 5.3 and 5.4. These requirements shall be deemed to have been met in respect of the occupant restraint if it is approved according to UNECE Regulation No 16-06.

: pass; see test report
VCA No
ESU437411-WAV,
ESU452451-WAV,
ESV469420-WAV
ESV478455
ESA574763



Additional requirements regarding the identification of the vehicle

- 4.1. Vehicle identification number
- (a) The identification number of the base vehicle (VIN) prescribed by Directive 19/2011/EEC shall be retained during all the subsequent stages of the type-approval process to ensure the ‘traceability’ of the process : pass; see stage 1
- (b) However, at the final stage of completion, the manufacturer concerned by this stage may replace, in agreement with the approval authority, the first and second sections of the vehicle identification number by his own vehicle manufacturer code and the vehicle identification code if, and only if, the vehicle has to be registered under his own trade name : not applicable
- In such a case, the complete vehicle identification number of the base vehicle shall not be deleted : --
- 4.2. Additional manufacturer’s plate
- At the second and subsequent stages, in addition to the statutory plate prescribed by Directive 19/2011/EEC, each manufacturer must affix to the vehicle an additional plate the model of which is shown in the appendix to this Annex. This plate must be firmly attached, in a conspicuous and readily accessible position on a part not subject to replacement in use : pass
- It must show clearly and indelibly the following information in the order listed
- name of the manufacturer : pass
 - Sections 1, 3 and 4 of the EC type-approval number : pass
 - the stage of approval : pass
 - maximum permissible laden mass of the vehicle : pass
 - maximum permissible laden mass of the combination (where the vehicle is permitted to tow a trailer) : pass
 - maximum permissible mass on each axle, listed in order from front to rear : pass
 - in the case of a semi-trailer or centre axle trailer, the maximum permitted mass on the coupling device : pass
- Unless otherwise provided for above, the plate must comply with the requirements of Directive 19/2011/EEC : pass