

**TEST REPORT**

Concerning the door latches and door retention components of motor vehicles in accordance with ECE Regulation number 11.04 supplement 2.

**Test report number** : **RDW-11R-0101886**

0.1. Make : Volkswagen, VW

0.2. Type : SKT

0.4. Category of vehicle : M1 (SH; Wheelchair accessible vehicle)

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

**General** : The construction of the doors complies with the requirements laid down in:  
- paragraph 5 of the above-mentioned Regulation.  
See documentation: "SKT-2018/858-00044", dated: 16 July 2021

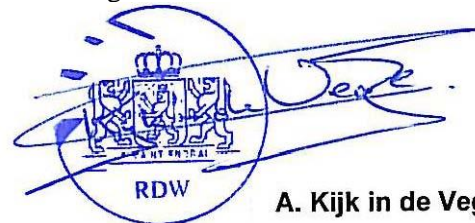
**Tests** : The tests are carried out in accordance with:  
- paragraph 6 of the above-mentioned Regulation.  
See page 2 to 7.

**Conclusion** : The type of vehicle complies with the requirements and there are no objections to granting the approval under the above-mentioned Regulation.

**Tests conducted on** : 9 February 2021

**By** : A. Kijk in de Vegte

Zoetermeer (NL), 16 July 2021  
The test engineer,



**A. Kijk in de Vegte**

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## List of diagrams

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## Reason for testing

1<sup>st</sup> Stage vehicle modified to Wheelchair accessible vehicle.

## Explanation of modification(s)

The base vehicle (acc. e13\*2018/858\*00002\*??) has been modified to a wheelchair accessible vehicle with a lowered floor. With regard to the hinges and door locking system no changes by the modification. By the modification the wheelchair ramp is having an automatic locking system with latch and sticker at both sides. On the wheelchair ramp structure, the original striker of the back door is mounted. The back door locking system is carry-over from 1<sup>st</sup> stage approval.

## Worst case selection

According TAAM decision only 30g calculation of the locking mechanism of the wheelchair ramp is applicable; no additional testing required. test results covers long and short wheelbase.

## Remarks

For all not by the modification effected items see approval(s)/ test report(s) listed in stage 1 approval. Relevant data and approval(s) valid for donor vehicle and completed vehicle if applicable:

<u>Make</u>	<u>Type</u>	<u>Approval</u>
Volkswagen, VW	SK	e13*2018/858*00002*??

**General test information**

Test conducted by : A. Kijk in de Vegte  
Place : Tripod, Nuenen, The Netherlands  
Date : 9 February 2021

**Specifications of the test vehicle**

Make and type of the vehicle : Volkswagen, VW SKT  
Type of bodywork and number of doors : AC, 5-door (Short Wheel base)  
Vehicle category : M1 (SH; Wheelchair accessible vehicle)  
Vehicle Identification Number : WV2ZZZSKZMX001396  
Hand of drive : LHD

**Used test equipment**

Item	Identification number (make and type)	Calibration papers available
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5. **General requirements**

- 5.1. All side and back doors and door components shall meet the requirements<sup>(1)</sup> : see below
- 5.2. Door latches
- 5.2.1. Each hinged door system shall be equipped with at least one primary door latch system : see 1<sup>st</sup> stage approval
- 5.2.2. Each sliding door system shall be equipped with either:
- (a) A primary door latch system, or : see 1<sup>st</sup> stage approval
- (b) A door latch system with a fully latched position and a door closure warning system : see 1<sup>st</sup> stage approval

6. **Performance Requirements**

- 6.1. Hinged doors
- 6.1.1. Load test 1 : see 1<sup>st</sup> stage approval
- 6.1.2. Load test 2 : see 1<sup>st</sup> stage approval
- 6.1.3. Load test 3 <sup>(2)</sup> : see 1<sup>st</sup> stage approval
- 6.1.4. Inertial load
- Each primary door latch system and auxiliary door latch system shall be tested for inertia load
- Dynamic tests : applicable/N/A
- 6.1.4.1. Dynamic tests <sup>(3)</sup> in the directions parallel to the vehicle's longitudinal and transverse axes : --
- 6.1.4.2. Dynamic tests <sup>(4)</sup> in the directions parallel to the vehicle's longitudinal and transverse axes <sup>(5)</sup> : --

<sup>(1)</sup> except for those on folding doors, roll-up doors, detachable doors, and doors that are designated to provide emergency egress

<sup>(2)</sup> Only applicable to doors that open in a vertical direction

<sup>(3)</sup> Acceleration Pulse corridor in accordance with table 4-1 of Annex 4

<sup>(4)</sup> Acceleration Pulse corridor in accordance with table 4-1 of Annex 4

<sup>(5)</sup> Only applicable to doors that open in a vertical direction

- 6.1.4.3. Calculation for resistance to inertia load : applicable for wheelchair ramp

For spring forces, the average of the minimum spring output in the installed position and the minimum spring output in the release position shall be considered in the calculations

: pass/~~fail~~

Friction effects and work to be done shall not be considered in the calculations

: pass/~~fail~~

Gravitational pull-on components may be omitted if it tends to restrict unlatching

: pass/~~fail~~/N/A

Result of inertia load:

The door latch system shall not disengage from the fully latched position

: pass/~~fail~~  
(see attachment 1 )

- 6.2. Sliding doors : see 1<sup>st</sup> stage approval

- 6.3. Door locks : see 1<sup>st</sup> stage approval

## Attachment 1

Calculation for resistance to inertia load (extraction of information document SKT-2018/858-00044)

