

THE NETHERLANDS

**TEST REPORT**

Concerning the rear underrun protection of motor vehicles in accordance with  
ECE Regulation number 58.03 Supplement 3.

**Test report number** : **RDW-58R-0123075**

0.1. Make : Renault / Mercedes-Benz / Nissan

0.2. Type : XFKT

0.3. Category of vehicle : M1-SH

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

**General** : The rear underrun protection and the installation of it as described in the document below has been inspected in accordance with the requirements laid down in paragraph 2 of the above-mentioned regulation.  
See documentation: XFKT-2018/858-00116, dated 28 November 2022

**Tests** : The tests have been carried out according to the above-mentioned Regulation. The tested system/component/separate technical unit is representative in terms of the type to be approved.

**Conclusion** : The type of vehicle does/~~does not~~ comply with the stated requirements of the above-mentioned Regulation.

**Tests conducted on** : 22 June 2022

**By** : C.A.M. Konings

Zoetermeer (NL), 28 November 2022  
The test engineer,



RDW  
C.A.M. Konings



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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 has been modified to a wheelchair accessible vehicle with a lowered floor and ramp. A section, of the rear bumper, at the location of the lowered floor has been modified.

### Worst case description

Single selected vehicle covers all variant/versions..

### General information of the representative test object

Make and type of the vehicle	: Renault / Mercedes-Benz / Nissan XFKT
Vehicle category	: M1-SH
Vehicle Identification Number	: VF1RFK00X67910688
Type of suspension	: spring coils

### General test information

Inspected by	: C.A.M. Konings
Place	: Nuenen (NL)
Date	: 22 June 2022

### Used test equipment

Item	Required accuracy	Identification
Tape measure (Class II)	--	Gedore 6698060; ID: rmb17BID

### 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>
Renault	RFK	e2*2018/858*00001*..
Mercedes-Benz	MFK	e2*2018/858*00014*..



2. **General requirements**

2.1. All vehicles shall be so constructed and/or equipped as to offer effective protection over their whole width against under-running of vehicles mentioned in paragraph 1. of this Regulation in the event of rear collision with vehicles of category M<sub>1</sub> and N<sub>1</sub> : pass

2.2. The vehicle shall be tested under the conditions as laid down in paragraph 2. of Annex 5 : pass

2.3. Any vehicle in one of the categories M1, M2, M3, N1, O1 or O2 shall be deemed to satisfy the condition set out above if it meets one of the requirements:

- a) If it satisfies the same conditions as set out in Part II or Part III : N/A
- b) If the ground clearance of the rear part of the unladen vehicle does not exceed 550 mm over a width which is not shorter than that of the rear axle by more than 100 mm on either side (excluding any tyre bulging close to the ground) : pass
- c) If, in case of vehicles of categories O1 and O2 where the tyres project for more than half of their width outside the bodywork (excluding the wheel guards) or outside the chassis in the absence of bodywork, the ground clearance of the rear part of the unladen vehicle does not exceed 550 mm over a width which is not less than 100 mm deducted from the distance measured between the innermost points of the tyres (excluding any tyre bulging close to the ground), on either side : N/A

The requirements of paragraphs 2.3.(b) and 2.3.(c) above shall be satisfied at least on line:

- a) At a distance of not more than 450 mm from the rear extremity of the vehicle : pass
- b) That may have interruptions totaling not more than 200 mm : N/A

2.4. Any vehicle of category G will be deemed to satisfy the condition for the ground clearance set out in this Regulation, if the departure angle (ISO 612:1978) does not exceed: : N/A

**PART III. Approval of a vehicle with regard to its Rear Underrun Protection (RUP)**

24. If the vehicle submitted for approval pursuant to this Regulation meets the requirements of paragraph 2.3.(b) or paragraph 2.3.(c), or paragraph 25 and has been tested following the conditions set out in paragraph 2.2., approval of that vehicle type shall be granted. : requirements acc. to paragraph 2.3b are met

