

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-0141806**

Make : Renault / Mercedes-Benz / Nissan

Type : XFKT

Category of vehicle : M1 (SH)

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

Applicability : All results in this report relate only to the tested system, that is (are) assessed as representative for the vehicle type to be approved.
See documentation: "XFKT-2018/858-00116" dated 11 October 2024, 124 pages

Statement of conformity : The test(s) has (have) been carried out in accordance with the requirements laid down in the above-mentioned Regulation and have been supervised by RDW as a category B technical service.

The tested system complies with the stated requirements of the above-mentioned Regulations.

Test(s) supervised on : 11 June 2024

Test(s) supervised by : R.T.F.W. Callaars

On behalf of the head of RDW
Technical Service, authorized by:



R.T.F.W. Callaars RDW

Type approval inspector
Zoetermeer (NL), 11 October 2024



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Test report number: RDW-58R-0141806

Reason for testing

1st Stage vehicle modified to wheelchair accessible vehicle (cat. SH)

Worst case description

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.

General information of representative test object

Make and type of the vehicle : Renault / Mercedes-Benz / Nissan XFKT
Vehicle category : M1
Vehicle Identification Number : VF1RFK00X67910688 (L1)
VF1RFK00572953883 (L2)

General test information

Test performed by/ at : OEM
Place : Tripod Mobility B.V.
Collseweg 10
5674 TR Nuenen
The Netherlands
Date : 10 June 2024
Supervised by : R.T.F.W. Callaars

Used test equipment

Item	Required accuracy	Identification
Tape measure	Class II	Gedore 6698060; ID: rmb17BID Gedore 6698060; ID: rmb03BID

All used equipment meets the requirements laid down in ISO 17025:2017 and critical equipment has been subject to functional checks, in accordance with the RDW-policy set forth in document AI 3-001 1.

Remarks

For all items unaffected by the modification see approval(s)/ test report(s) listed in stage 1 approvals. 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*58R03/??*20361*..
Mercedes-Benz	MFK	E2*58R03/??*20359*..
Nissan	NFK	E2*58R03/??*20360*..

Test results for L1 variants are carry-over from previous issued test report RDW-58R-0123075 (including corrections), dated 28 November 2022



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 in the event of rear collision with vehicles of category M1 and N1 : pass
- 2.2. The vehicle shall be tested under the conditions : pass
- The vehicle shall be at rest on a level, flat, rigid and smooth surface
 - The front wheels shall be in the straight-ahead position
 - The tyres shall be inflated to the pressure recommended by the vehicle manufacturer
 - The vehicle may, if necessary to achieve the test forces, be restrained by any method, this method to be specified by the vehicle manufacturer
 - Vehicles equipped with hydropneumatic, hydraulic or pneumatic suspension or a device for automatic levelling according to load shall be tested in the normal running condition specified by the manufacturer
- 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 items 2.3.(b) and 2.3.(c) above shall be satisfied at least on a 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, if the departure angle (ISO 612:1978) does not exceed ⁽¹⁾⁽²⁾ : N/A (cat. M1)



⁽¹⁾ Over a width which is not shorter than that of the rear axle by more than 100 mm on either side (excluding any bulging of the tyres close to the ground).

⁽²⁾ Where there is more than one rear axle, the width to be considered is that of the widest.