

**TEST REPORT**

Concerning the rear underrun protection of motor vehicles in accordance with  
ECE Regulation R58.03, supplement 2

**Test report number** : **RDW-58R-0109032**

0.1. Make : FORD

0.2. Type : PJ2T

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 rear underrun protection/vehicle complies with the requirements laid down in:  
- Paragraph 2 of the above-mentioned ECE Regulation.  
See documentation: "PJ2T-2007/46-0921", dated: 15 November 2021

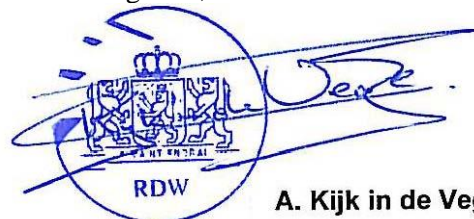
**Tests** : The tests have been carried out in accordance to Part ~~IV~~/III of the above-mentioned ECE Regulation.  
See page 2 to 5.

**Conclusion** : The type of vehicle/~~RUPD/Installation~~ does/~~does not~~ comply with the requirements and there ~~are~~/are no objections against approval according the above-mentioned ECE Regulation.

**Tests conducted on** : 15 November 2021

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

Zoetermeer (NL), 15 November 2021  
The test engineer,



**A. Kijk in de Vegte**

**List of contents**

Reason for testing	Page see below
List of attached diagrams	2
Reason for testing	2
Worst case selection	2
Remarks	2
General test information	3
Specifications of the test vehicle	3
Used test equipment	3
General requirements	4
PART III. Approval of a vehicle with regard to its Rear Underrun Protection (RUP)	5

**List of attached diagrams**

	Diagrams
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**Reason for testing**

Update to 03 series of amendments

**Explanation of modification(s)**

For the access of a wheelchair, a foldable wheelchair ramp is present. Therefore, the OEM rear underrun protection has modified. The bumper section at the location of the lowered floor has changed slightly.

**Worst case selection**

N/A; Update to 03 series of amendment; no additional requirements which requires additional test, therefore test results from test report RDW-58R-0022500 are carried-over.

**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>
FORD	PJ2	e1*2001/116*0207*??

**General test information**

Test conducted by : A. Kijk in de Vegte  
Place : Zoetermeer, The Netherlands  
Date : 15 November 2021

**Specifications of the test vehicle**

Make and type of the vehicle : FORD PJ2T  
Type of bodywork and number of doors : AC  
Vehicle category : M1 (SH; Wheelchair accessible vehicle)  
Vehicle Identification Number : WF0UXXWPGUDD05417  
Hand of drive : LHD  
Type of suspension : Coil springs

**Used test equipment**

Item	Identification number (make and type)	Calibration papers available
Tape measure RDW	--	--

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 M1 and N1 : ~~pass/fail~~
- 2.2. The vehicle shall be tested under the following conditions :  
- The vehicle shall be at rest on a level, flat, rigid and smooth surface : ~~pass/fail~~/N/A  
- The front wheels shall be in the straight-ahead position : ~~pass/fail~~/N/A  
- The tyres shall be inflated to the pressure recommended by the vehicle manufacturer : ~~pass/fail~~/N/A  
- 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 : ~~pass/fail~~/N/A
- 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 : ~~pass/fail~~/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/fail~~/N/A  
(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 : ~~pass/fail~~/N/A
- Where there is more than one rear axle, the width to be considered is that of the widest : ~~pass/fail~~/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/fail~~/N/A  
(b) That may have interruptions totalling not more than 200 mm. : ~~pass/fail~~/N/A

- 2.4 Any vehicle of category G will be deemed to satisfy the condition for the ground clearance set out above, if the departure angle (ISO 612:1978) does not exceed: : ~~pass~~/fail/N/A
- (a) 10° for vehicles of categories M1G and N1G : --
- (b) 20° for vehicles of categories M2G and N2G : --
- (c) 25° for vehicles of categories M3G and N3G : --
- 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). : --
- Where there is more than one rear axle, the width to be considered is that of the widest. The requirements of subparagraphs (i) to (iii) of this paragraph 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; : --
- (b) That may have interruptions summing up in not more than 200 mm. : --

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

24. The vehicle submitted for approval pursuant to this Regulation shall meet the requirements of paragraph 2.3.(b) or paragraph 2.3.(c), or paragraph 25 and shall be tested following the conditions set out in the appendix : requirements acc. to paragraph 2.3b are met