

No. _____ **Recasting of the Standard Minimum Requirements for the construction or equipment of breakdown assistance vehicles**

StV 33 301030104#00002#0068#

Bonn, __/__/2026

In agreement with the Federal States, the recasting of the Standard Minimum Requirements for the Design and Equipment of Breakdown Assistance Vehicles [§ 52(4)(2) of the Road Traffic Licensing Regulations (StVZO)] is hereby promulgated. The Standard Minimum Requirements are to be applied no later than three months after the date of publication.

In the amendment, the scope of equipment for roadside assistance vehicles weighing up to 3.5 metric tons has been reduced accordingly due to limited storage space. The amendment to the Standard Minimum Requirements has been notified in accordance with Directive (EU) 2015/1535.

Breakdown assistance vehicles first registered on or before 31 December 2024 are covered by the Standard Minimum Requirements as amended on 11 August 2020 and 18 June 1997. The ‘Standard Minimum Requirements for the Design and Equipment of Breakdown Assistance Vehicles’ dated 18 June 1997, last amended by VkBl. [Transport Gazette] 2024, Volume 10, No 83, p. 368 is hereby repealed.

Bundesministerium für Verkehr

[Federal Ministry of Transport]

pp.
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Standard Minimum Requirements for the Design and Equipment of Breakdown Assistance Vehicles (Rili MaBAPfz)

These Standard Minimum Requirements are based on § 6(1)(1)(5) and (9) as well as paragraph 5 StVG [Road Traffic Act] in conjunction with § 52(4)(2) StVZO. Accordingly, the following are to be recognised as breakdown assistance vehicles:

- 1 Tow trucks
- 2 Recovery vehicles
- 3 Vehicles with the appropriate equipment primarily to remedy technical faults on site
- 4 Vehicles with the appropriate equipment primarily for fixing flat tyres on site

Notified in accordance with Directive (EU) 2015/1535 of the European Parliament and of the Council of 9 September 2015 laying down a procedure for the provision of information in the field of technical regulations and of rules on Information Society services (OJ L 241, 17/9/2015, p. 1).

The aim and purpose of these Standard Minimum Requirements is to lay down the requirements applicable to breakdown assistance vehicles. It sets recognition requirements, quality and safety standards.

Recognition requirements

- re 1 Recognition as per § 2(17) Vehicle Registration Ordinance (Fahrzeug-Zulassungsverordnung – FZV) as a self-propelled work machine. The guidelines for the assessment of tow trucks (crane trucks) as work machines from 9 June 1967 (VkB1 1967 S 394) apply here
- re 2 Motor vehicles for the (removal) transport of damaged or broken-down vehicles with technical equipment for lifting these vehicles (e.g. cable winch or loading crane)
- re 3 The equipment of these motor vehicles shall include at least the items referred to in points (a), (b11), (b21), (b31) and (b41) of the table.
- re 4 The equipment of these motor vehicles must include at least the items referred to in points (a), (b12), (b22) and (b32) in the table; in addition, an appropriate transport space for the tyres to be replaced must be available in the respective event of flat tyres of vehicles > 3.5 t GVW¹.

Table of equipment of the vehicles referred to in 3 and 4:

No	Type of breakdown assistance vehicle	Equipment for use with accident vehicles	
		≤ 3.5 t GVW ¹⁾	> 3.5 t GVW ¹⁾
a	Equipment for securing the accident or work site		
	Breakdown assistance vehicles ≤ 3.5 t GVW ¹⁾	- 2 wheel chocks - 1 warning flag, white-red striped - 3 hazard-warning triangles - 3 warning lights as per § 53a(1) StVZO in conjunction with § 53a(3) StVZO or portable flashing indicator lights as per § 53b(5)(7) StVZO - 5 traffic cones, 500 mm high, or 5 folding traffic cones, 750 mm high. The (folding) traffic cones must have a red base body, be fully retro-reflective, and correspond to sign 610 of the Road Traffic Regulations. They must meet the requirements of DIN EN 13422:2020 and thereby meet the requirements of the following classes: Form class S1, weight class W2 or W3, daytime visibility luminance class LB, minimum retro-reflection value class R2, at least class RL2 for retro-reflection luminance coefficient R_L, relative luminance distribution of class L_{rel}2, retro-reflective value in wet condition class WT1. Alternatively, instead of class R2 and RL2 according to DIN EN 13422:2020 for folding traffic cones, the performance requirements for retro-reflective material according to	

¹⁾ permissible total mass

		Section 6 of DIN EN ISO 20471:2017 can be demonstrated.	
	Breakdown assistance vehicles > 3.5 t GVM ¹⁾ and all vans	- 2 wheel chocks - 1 warning flag, white-red striped - 3 hazard-warning triangles - 5 mobile warning lights as per § 53a(1) StVZO or portable flashing indicator lights as per § 53b(5)(7) StVZO - 10 (folding) traffic cones in accordance with DIN EN 13422:2020, of which at least 5 must be 750 mm high (folding) traffic cones and the remainder must either be traffic cones at least 500 mm high or folding traffic cones at least 750 mm high. The (folding) traffic cones must have a red base body, be fully retro-reflective, and correspond to sign 610 of the Road Traffic Regulations. They must meet the requirements of DIN EN 13422:2020 and thereby meet the requirements of the following classes: Form class S1, weight class W2 or W3, daytime visibility luminance class LB, minimum retro-reflection value class R2, at least class RL2 for retro-reflection luminance coefficient R_L, relative luminance distribution of class L_{rel}2, retro-reflective value in wet condition class WT1. Alternatively, instead of class R2 and RL2 according to DIN EN 13422:2020 for folding traffic cones, the performance requirements for retro-reflective material according to Section 6 of DIN EN ISO 20471:2017 can be demonstrated.	
b	Equipment for repairing flat tyres		
	Tool		
b11	All	- 1 each of mandrel, centre punch and chisel - 1 each of ignition file, flat file, semi-circular file and round file - 1 set of open-end spanners (spanner sizes 6-22) - 1 set of ring spanners (spanner sizes 6-22) straight and offset - 1 set of socket spanners (spanner sizes 6-22) - 1 set of Allen keys (spanner sizes 4-10) - 1 wheel spanner or wheel nut spanner for standard wheel nut sizes - Spark plug spanner or socket spanner inserts (spanner sizes 14, 16, 18 and 21) - 1 magnet on flexible extension - 1 set of screwdrivers - 1 pair each of combination pliers, side cutters and water pump pliers	- 1 each of mandrel, centre punch and chisel - 1 each of ignition file, flat file, semi-circular file and round file - 1 set of open-ended spanners (spanner sizes 6-32) - 1 set of ring spanners (spanner sizes 6 –32) straight and offset - 1 set of socket spanners (spanner sizes 6-22) - 2 sets of Allen keys (spanner sizes 4-12) - 1 wheel spanner or wheel nut spanner for standard wheel nut sizes - Spark plug spanner or socket spanner inserts (spanner sizes 14, 16, 18 and 21) - 1 magnet on flexible extension - 1 set of screwdrivers - 1 pair each of combination pliers, side cutters and water pump pliers

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		- 1 wire brush - 1 hammer - 1 rubber or plastic hammer - 1 tyre lever	- 1 wire brush - 2 hammers (300 g and 800 g) - 1 rubber or plastic hammer - 2 tyre levers
b12	All	- 1 set of small tools (e.g. cutters and roughening tools) - 1 small tool case (screwdriver, pliers etc.) - 1 socket spanner box with interchangeable socket spanner in long version (spanner sizes 24-27 mm) - 1 locksmith's hammer - 1 set of tyre levers - 1 set of pump rings for standard tubeless car/transporter tyres - 1 wheel spanner or wheel nut spanner for standard wheel nut sizes - 1 torque spanner for 60 to 300 Nm	- 1 set of small tools (e.g. cutters and roughening tools) - 1 small tool case (screwdriver, pliers etc.) - 1 socket spanner box with interchangeable socket spanner in long version (spanner sizes 24-36 mm) - 2 locksmith’s hammers (300 g and 800 g) - 1 set of tyre levers - 1 set of pump rings for standard tubeless truck tyres - 1 wheel spanner or wheel nut spanner for standard wheel nut sizes - 1 wheel nut loosener (e.g. torque amplifier, impact wrench) - 1 torque spanner for 140 to 760 Nm (3/4” with extension and adapter for 1”)
	Devices		
b21	All	- 1 car jack - 1 support buck or block - 1 pumping aid (air pump, compressor or compressed air bottle) - 1 digital multimeter - 1 OBD⁽²⁾ capable diagnostic device - 1 work lamp - 1 spray can each of multifunctional spray and brake cleaner - 1 towing cable - Starting battery equipment (12 volts) with booster cable, designed for diesel engines	
b22	All	- 1 car jack - 1 set of support bucks - 2 wheel chocks - 1 pumping aid (air pump, compressor or compressed air bottle) - 1 tyre pressure gauge - 1 work lamp	
	Replacement material		
b31	All	- Insulating tape and self-vulcanising repair tape	

²⁾ for all common OBD standards from OBD II

		- Valve inserts - Replacement cables for motor vehicle electrics in standard cross-sections - Cable ties of different lengths - Replacement fuel/water hoses in standard sizes with suitable fastening material - Binding wire - Replacement light sources for the prescribed lighting equipment - Fuses of a common type for different currents	
b32	All	- common valves - tyre repair material	- common valves and valve extensions - common wheel nuts and sealing rings - tyre repair material
	fuels, water, cleaning material		
b41	All	- 15 litres of fuel (diesel or petrol, divided as needed) - 10 litres of water - sufficient quantity of oil binders - shovel, broom (only if granules are used as an oil binder) - waste container	- 10 litres of petrol - 10 litres of diesel fuel - 5 litres of urea-water solution - 10 litres of water - sufficient quantity of oil binders - shovel, broom - waste container

The officially recognised motor vehicle traffic expert or inspector shall document compliance with the Standard Minimum Requirements and confirm it in the expert opinion as part of an assessment of the vehicle ordered by the competent registration authority in preparation of its decision.

The endorsement to be used by the competent registration authority under point 22 in Part I of the registration certificate, upon recognition as a breakdown assistance vehicle, shall read: 'Recognised as a breakdown assistance vehicle in accordance with § 52(4)(2) StVZO.'

VkBl. 2026

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