

Photo: 324 4x4



Description of the original Sprinter 4x4.

The Mercedes-Benz Sprinter 4x4 is also a real Oberaigner, because Oberaigner has developed the all-wheel drive system for and with Daimler and supplies the components directly to the Mercedes-Benz factories. That is why the Sprinter 4x4 is not just a bodybuilder modification but a genuine high-volume vehicle that has been developed and tested specifically under that circumstances. The Sprinter 4x4 with ADAPTIVE ESP® is therefore only available from Mercedes-Benz and Oberaigner. In addition, Oberaigner offers differential locks, off-road wheels and further off-road options. The Sprinter 4x4 from Oberaigner is available as permanent or selectable AWD and optionally with a low range reduction (i=1.42; i=2.85 available 2011) as well as length-wise and/or crosswise differential locks. The Sprinter 4x4 from Oberaigner is the frontrunner in terms of quality, durability, offroad-capabilities, ground clearance, lowest weight and lowest centre of gravity, acoustics and safety. Furthermore it carries a lower price tag than any subsequent conversion from third parties. Thus, it leaves any other Sprinter 4x4 behind with a huge gap in between. The Sprinter 4x4 from Oberaigner does not compromise: best comfort and highest safety on the road and outstanding performance off the road.

Photo: 415 CDI 4x4 SuperSingle
Fitting: Friederichs Frankfurt



Photo: 416 CDI 4x4 SuperSingle



Technical Data

Models	209 CDI 309 CDI 509 CDI	210 CDI 310 CDI 510 CDI	211 CDI 311 CDI 411 CDI 511 CDI	213 CDI 313 CDI 413 CDI 513 CDI	215 CDI 315 CDI 415 CDI 515 CDI	216 CDI 316 CDI 416 CDI 516 CDI	218 CDI 318 CDI 418 CDI 518 CDI	219 CDI 319 CDI 419 CDI 519 CDI	224 324 424 524
Variants	Panel van / Combi / Chassis / Pickup with single or double cabin								
Engines	4-cylinder Diesel engine					6-cylinder Diesel engine		6-cylinder petrol engine	
Power output / Torque	65kW 88HP 220Nm EURO3,4	70kW 95HP 250Nm EURO5	80kW 109HP 280Nm EURO3,4 EU4/III	95kW 129HP 305Nm EURO4,5	110kW 150HP 330Nm EURO3,4 EU4/III	120kW 163HP 360Nm EURO5	135kW 184HP 400Nm EURO4	140kW 190HP 440Nm EURO5	190kW 258HP 340Nm EU4/I
Transmission¹	6-speed manual or 5-speed automatic							5-speed automatic	
Wheel base¹	R1 = 3,250 mm R2 = 3,665 mm R3 = 4,325 mm (4,325 mm als variant, „extra long“)								
Rear axle drive ratio¹	AR1 = 3.692 AR2 = 3.923 AR3 = 4.182 AR4 = 4.364 AR5 = 4.727 AR6 = 5.100								
Drive	permanent all-wheel drive or selectable all-wheel drive, lengthwise differential FA:RA = 33%:67%								
Differential locks³ (permanent AWD required)	100% lockable jaw clutch Transfer case lengthwise Rear axle (crosswise) front axle (crosswise ²)								
Low range reduction	1.423 (optionally 2.85 ²) selectable								
Brakes	Dual circuit hydraulic brake system with vacuum booster. Disk brakes on all wheels. Parking brake on all wheels. Anti-locking-brake system. ADAPTIVE ESP [*] .								
Fuel capacity	100 litres (75 litres)							100 litres	
Maximum overall gross weight	3,000kg / 3,500kg			4,600kg (SuperSingle)		5,000kg			
Tyre equipment	Single dimension			Dual dimension		Single dimension			
Front axle (FA)	225/75R16			245/75R16		245/75R16		205/75R16	
Rear axle (RA)	245/75R16			255/85R16		285/65R16		285/75R16	
Turning circle Ø	R1 12.9m R2 14.2m R3 16.3m	R1 12.9m R2 14.2m R3 16.3m	R1 15.0m R2 16.1m R3 18.1m	- R2 14.2m R3 16.3m	- R2 16.1m R3 18.1m	- R2 14.2m R3 16.3m	- R2 14.2m R3 16.3m	- R2 14.2m R3 16.3m	
Ground clearance (axles) front (fully loaded/unloaded) rear	214/275mm 191mm	223/290mm 200mm	248/315mm 225mm	223/290mm 198mm	248/315mm 223mm	202/262mm 179mm	222/282mm 199mm	222/282mm 199mm	
Angle of driving slope (fully loaded)¹ front rear (depending on wheelbase)	27° R1: 27-29° R2: 21-25° R3: 13-22°	27° R1: 27-30° R2: 22-26° R3: 13-23°	29° R1: 29-32° R2: 23-27° R3: 14-24°	28° R1: - R2: 16-23° R3: 14-18°	29° R1: - R2: 16-23° R3: 14-17°	27° R1: - R2: 14-21° R3: 12-16°	27° R1: - R2: 15-22° R3: 13-16°	27° R1: - R2: 15-22° R3: 13-16°	
Ground clearance (fully loaded)¹ Values in ° mm	R1: 24-26 347 R2: 21-22 347 R3: 18-20 347	R1: 25-27 356 R2: 22-23 356 R3: 19-20 356	R1: 27-29 381 R2: 24-25 381 R3: 20-22 381	R1: - - R2: 23-24 356 R3: 20-21 356	R1: - - R2: 24 381 R3: 20-22 381	R1: - - R2: 21 335 R3: 18-19 335	R1: - - R2: 22-23 355 R3: 19-20 355	R1: - - R2: 22-23 355 R3: 19-20 355	
Forcing depth	500mm								
Tractor-trailer gross weight kg¹	5,000 / 5,500 / 5,880 / 6,300					6,600 / 7,000		6,000 / 7,000 / 8,000 / 8,750	
Permissible axle loads (FA/RA)¹	1,650 / 1,800 resp. 1,800 / 2,250 (2,430) kg					2,000 / 3,200		2,000 / 3,500	
Empty weight (total)¹	1,810kg - 2,465kg					2,035kg - 2,740kg			
Payload¹	705kg - 1,675kg					1,860kg - 2,965kg			
Towing cap. braked/non-braked¹	2,000kg - 2,800kg / 750kg					2,000kg - 3,750kg / 750kg			
Added weight AWD system	135kg (FA:105kg, RA:30kg) (base variant)					105kg (FA:95kg, RA:10kg) (base variant)			
Height increase of 4x4 vehicle	FA: 120 mm, RA: 65 mm (80mm without Z11/Z12)					FA: 120 mm, RA: 45 mm			
Power take-off / right hand steer.	Power take-off at main transmission not possible / Right hand steering available for all versions.								

¹ Availability resp. parameters depending on model and variant. Please clarify with Oberaigner. ² available 2011.

More about the Sprinter 4x4 and the options on the Internet

<http://www.oberaigner.com/allrad-fahrzeuge/sprinter4x4/>

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