



Sprinter Van AWD 3.55 tonne Specifications

January 2011

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Mercedes-Benz

Mercedes-Benz Technical Data

Sprinter Van AWD

Engine Specification					
Model		Sprinter 316 CDI AWD			
Body Style	MWB	MWB High Roof	LWB High Roof	LWB Super High Roof	
Engine					
Diesel 2-stage Turbocharged & Intercooled EURO 5					
No. of cylinders	4/in-line				
Bore/stroke (mm)	83/99				
Total displacement (cc)	2143				
Rated output (kW/(hp) @ rpm)	120kW (163hp) @ 3800rpm				
Max torque (Nm @ rpm)	360Nm @ 1400-2400rpm				
Fuel Supply					
Electronically Controlled Direct Injection with Common Rail (CDI)					
Fuel tank capacity (litres)	Approx. 100				
Transmission					
Type	6 Speed ECO Gear Manual (Opt 5 Speed Automatic)				
Drive	All wheel drive				
Weights & Capacities (kg)					
Permissible front axle load	1800				
Permissible rear axle load	2250				
Gross vehicle mass (GVM) ¹	3550				
Unladen weight ²	2230	2260	2425	2460	
Payload capacity	1320	1290	1125	1090	
Trailer load with brakes ³	2000				
Trailer load without brakes ³	750				
Dimensions (mm)					
Wheelbase	3665	3665	4325	4325	
Length	5910	5910	6945	6945	
Width	1993				
Height	2500	2785	2785	3020	
Rear overhang	1240	1240	1615	1615	
Floor loading height	751	749	744	742	
Distance between wheel arches	1350	1350	1350	1350	
Load compartment (LxWxH)	3265x1780x1650	3265x1780x1940	4300x1780x1940	4300x1780x2140	
Load volume (m ³)	9.0	10.5	14.0	15.5	
Sliding door opening (WxH)	1300x1520	1300x1820	1300x1820	1300x1820	
Barn door opening (WxH)	1565x1540	1565x1840	1565x1840	1565x1840	
Other Specifications					
Turning circle (m)	14.2	14.2	16.3	16.3	
Rear axle ratio	4.364				
Rim size (inches)	6.5Jx16				
Tyre profile	225/75 R16				
Battery	12V/95 Ah AGM (Absorbed Glass Matt)				
Alternator	14V/180 A				

1. Some vehicles with a high GVM may require an endorsed licence, please check the relevant laws in your state prior to purchase. Note: drawings are general arrangement drawings only and should not be relied upon. Contact your local authorised dealer if you require more specific information. 2. Unladen tare weight of vehicle, including spare wheel, jack, tools and 10 litres fuel. Weights are intended as a guide only. For accuracy the actual vehicle should always be weighed to determine the exact tare weight for the specification ordered. Weight tolerance of up to + 5% in production and additional weight of optional equipment must be taken into consideration.
3. Maximum towing capacities depend on individual state legislation.

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Sprinter Van AWD

Engine Specification				
Model		Sprinter 319 CDI AWD		
Body Style	MWB	MWB High Roof	LWB High Roof	LWB Super High Roof
Engine	Diesel multi-stage Turbocharged & Intercooled EURO 5			
No. of cylinders	V6			
Bore/stroke (mm)	83/92			
Total displacement (cc)	2987			
Rated output (kW/(hp) @ rpm)	140kW (190hp) @ 3800rpm			
Max torque (Nm @ rpm)	440Nm @ 1600-2600rpm			
Fuel Supply	Electronically Controlled Direct Injection with Common Rail (CDI)			
Fuel tank capacity (litres)	Approx. 100			
Transmission				
Type	5 Speed Automatic			
Drive	All wheel drive			
Weights & Capacities (kg)				
Permissible front axle load	1800			
Permissible rear axle load	2250			
Gross vehicle mass (GVM) ¹	3550			
Unladen weight ²	2250	2280	2445	2480
Payload capacity	1300	1270	1105	1070
Trailer load with brakes ³	2000			
Trailer load without brakes ³	750			
Dimensions (mm)				
Wheelbase	3665	3665	4325	4325
Length	5910	5910	6945	6945
Width	1993			
Height	2500	2785	2785	3020
Rear overhang	1240	1240	1615	1615
Floor loading height	751	749	744	742
Distance between wheel arches	1350	1350	1350	1350
Load compartment (LxWxH)	3265x1780x1650	3265x1780x1940	4300x1780x1940	4300x1780x2140
Load volume (m ³)	9.0	10.5	14.0	15.5
Sliding door opening (WxH)	1300x1520	1300x1820	1300x1820	1300x1820
Barn door opening (WxH)	1565x1540	1565x1840	1565x1840	1565x1840
Other Specifications				
Turning circle (m)	14.2	14.2	16.3	16.3
Rear axle ratio	3.923			
Rim size (inches)	6.5Jx16			
Tyre profile	225/75 R16			
Battery	12V/95 Ah AGM (Absorbed Glass Matt)			
Alternator	14V/180 A			

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3. Maximum towing capacities depend on individual state legislation.

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