

TECHNICAL SPECIFICATIONS

Jeep Compass

The information shown is based on data available at the time of publication (September 15, 2006) and is subject to change without notice. Specifications are valid for Europe and may vary in other markets.

General Information

Body Style	Five-door sport-utility vehicle
Assembly Plant	Belvidere, Illinois, USA

Engines

2.4-litre Petrol World Engine

Availability	Standard for Sport and Limited models
Type and Description	Four cylinders in line, tuned intake manifold with Electronic Active Charge Motion Control valves, dual counter-rotating balance shafts
Displacement	2.4 litres (2359cc/144 cu. in.)
Bore x Stroke	88 x 97mm (3.46 x 3.82 in.)
Valve System	Chain-driven DOHC, 16 valves, electronically controlled dual Variable Valve Timing, direct-acting shimless mechanical bucket tappets
Fuel Injection	Sequential, multi-point, electronic, returnless
Construction	High-pressure die-cast aluminium block with dry iron liners, cast aluminium cylinder head, cast aluminium ladder frame, forged steel crankshaft
Compression Ratio	10.5:1
Maximum Power	125 kW (170 hp DIN) @ 6000 rpm (70.8 hp/litre)
Maximum Torque	220 Nm (162 lb.-ft.) @ 4500 rpm
Maximum Engine Speed	6400 rpm, electronically limited
Fuel Requirement	Unleaded 87 octane (R+M)/2 petrol
Emission Controls	Dual catalytic converters, dual heated oxygen sensors and engine features
Emission Class	Euro 4

2.0-litre Turbo Diesel Engine

Availability	Optional for Sport and Limited models
Type and Description	Four cylinders in line, turbocharged
Displacement	2.0 litres (1968cc/120.1 cu. in.)
Bore x Stroke	81 x 95.5mm (3.19 x 3.76 in.)
Valve System	Belt-driven DOHC, 16 valves, hydraulic lifters
Fuel Injection	Bosch U1-P2 electronically controlled high-pressure direct injection
Construction	Cast iron block, cast aluminium cylinder head, forged steel crankshaft
Compression Ratio	18:1
Maximum Power	103 kW (140 hp DIN) @ 4000 rpm (70 hp/litre)
Maximum Torque	310 Nm (229 lb.-ft.) @ 1750-2500 rpm
Maximum Engine Speed	5000 rpm, electronically limited
Fuel Requirement	Cetane 49 diesel, DIN EN 590
Emission Controls	Cooled EGR, oxidation catalytic converter
Emission Class	Euro 4

Transaxles

Five-speed Manual

Availability	Standard with 2.4-litre petrol World Engine
Description	Magna Driveline T355: Five-speed, overdrive, synchronised in all forward ratios, cable-operated, three-plane shifter
Gear Ratios	
1st	3.77
2nd	2.16
3rd	1.41
4th	1.026
5th	0.81
Reverse	3.417
Final Drive Ratio	4.12
Overall Top Gear	3.34

Continuously Variable Automatic

Availability	Optional with 2.4-litre petrol World Engine
Description	Jatco CVT: Continuously variable ratio, lock-up torque converter, electronic controls, Auto Stick

Gear Ratios

Forward	2.349 to 0.394, continuously variable
Reverse	1.75
Final Drive Ratio	6.12
Overall Top Gear	2.411

Six-speed Manual

Availability	Standard with 2.0-litre turbo diesel engine
Description	Aisin BG6: Six-speed, overdrive, synchronised in all forward ratios, cable-operated, four-plane shifter with reverse lock-out ring

Gear Ratios

1st	3.538
2nd	2.045
3rd	1.367
4th	0.974
5th	0.897
6th	0.791
Reverse	3.831
Final Drive Ratio	Gears 1-4: 4.059; Gears 5-6 and Reverse: 3.450
Overall Top Gear	2.728

Drivetrain

Type	Freedom Drive I: Full-time four-wheel drive, Electronically Controlled Coupling with four-wheel-drive Lock mode
Front Differential	Open
Rear Differential	Open

Suspension

Front	Independent MacPherson strut, coil spring over gas-charged shock absorbers and stabiliser bar
Rear	Multi-link independent with coil springs, link-type stabiliser bar, gas-charged shock absorbers

Steering

Type	Rack and pinion with hydraulic power assist
------	---------------------------------------------

Overall Ratio	16.4:1
Turning Diameter (curb to curb)	10.8m (35.6 ft.) with 17-in. wheels and tyres; 11.3m (37.2 ft.) with 18-in. wheels and tyres
Steering Turns (lock to lock)	2.89 with 17-in. wheels and tyres; 2.76 with 18-in. wheels and tyres

Wheels and Tyres

Standard fit equipment listed.

Sport

Wheel Type and Material	Machine-faced aluminium
Size	17 x 6.5 in.
Tyre Size and Type	215/60R17 BSW three-season
Spare Tyre	Compact (optional full size)

Limited

Wheel Type and Material	Machine-faced aluminium
Size	18 x 7 in.
Tyre Size and Type	215/55R18 BSW three-season
Spare Tyre	Compact

Brakes

Front

Disc Size and Type	294 x 26mm (11.5 x 1 in.) vented
Calliper Size and Type	57mm (2.2 in.) single-piston, floating
Swept Area	1442 sq. cm (223.5 sq. in)

Rear

Disc Size and Type	262 x 10mm (10.3 x 0.39 in.) solid
Calliper Size and Type	35mm (1.4 in.) single-piston, floating
Swept Area	894.6 sq. cm (138.6 sq. in)

Systems

Power Assistance	254mm (10-in.) single-diaphragm, vacuum
Anti-lock Braking System	Standard
Brake Traction Control System	Standard
Electronic Stability Programme	Standard

All Seats in Place	334l (11.8 cu. ft.) to top of rear seat back, excluding head restraints; 436l (15.4 cu. ft.) to headliner
Rear Seats Folded	738l (26.1 cu. ft.) to top of rear seat back, excluding head restraints; 1277l (45.1 cu. ft.) to headliner

Weights and Capacities

Figures are in kilogrammes (pounds) unless otherwise noted.

Curb Weight*	1460 (3219) to 1585 (3494) with 2.4-litre engine; 1540 (3395) to 1610 (3549) with 2.0 CRD engine
Gross Vehicle Weight	1980 (4365)
Maximum Towing Capacity	1500 (3307)
Max. Trailer Mass (braked)	1500 (3307)
Max. Trailer Mass (unbraked)	450 (992)
Max. Tongue Load	75 (165)
Max. Roof Load	68 (150) on roof rack
Fuel Tank Capacity	51.1l (13.5 U.S. gal.)
Oil Capacity (with new filter)	4.7l (5 qt.) with 2.4-litre engine; 4.2l (4.4 qt.) with 2.0 CRD engine
Engine Coolant Capacity	6.8l (7.2 qt.) with 2.4-litre engine; 7.3l (7.7 qt.) with 2.0 CRD engine

**Weight range from base Sport model to fully optioned Limited model. Does not include 75kg (165 lb.) for driver and fuel*

Performance

	2.4L Manual	2.4L CVT	2.0 CRD
Acceleration			
0-100 km/h (0-62 mph)	10.7 sec.	11.3 sec.	11.0 sec.
80-120 km/h top gear	19.5 sec.	7.3 sec.	9.8 sec.
80-120 km/h top gear - 1	13.3 sec.	7.3 sec.	9.8 sec.
Top Speed (km/h / mph)	183 (114)	185 (115)	189 (117)

Fuel Consumption (l/100km, EU standard)

	2.4L Manual	2.4L CVT	2.0 CRD
Urban Cycle	10.5	11.5	8.3
Ex-urban Cycle	7.6	8.3	5.4
Combined Cycle	8.7	9.5	6.5

Combined CO ₂ (g/km)	206	226	177
---------------------------------	-----	-----	-----

###

Additional information and news on the Jeep brand and its vehicles is available on the Internet at:

<http://cgmedia.daimlerchrysler.com>

DaimlerChrysler Communications, Stuttgart (Germany), Auburn Hills (USA)