*Note: Information shown is based on data available at time of publication (September 1, 2009).
Specifications are valid for Europe and may vary in other international markets. Vehicle model availability
may change per individual markets.*

Jeep Compass
SPECIFICATIONS

Dimensions are in millimeters (inches) unless otherwise noted.

GENERAL INFORMATION

Body Style	Sport-utility Vehicle (SUV)
Assembly Plant	Belvidere, Ill.
Vehicle Class	C-Segment

ENGINE: 2.0-LITER TURBO DIESEL DOHC 16-VALVE

Availability	Available on all Compass models
Type and Description	Four cylinders in-line, turbocharged, high-pressure, direct injection
Displacement	1968 cu. cm (120.1 cu. in.)
Bore x Stroke	81 x 95.5 mm (3.19 x 3.76)
Valve System	Belt-driven DOHC, 16-valve
Fuel Injection	Electronically controlled, high-pressure direct injection
Construction	Cast-iron block, cast aluminum cylinder head, cast aluminum ladder frame, forged steel crankshaft
Compression Ratio	18.0:1
Power	103 kW (140 hp DIN) @ 4000 rpm (70.0 hp DIN/L)
Torque	310 N•m (229 lb.-ft.) @ 1750 – 2500 rpm
Max. Engine Speed	5000 rpm (electronically limited)
Fuel Requirement	49 cetane diesel, DIN EN590
Oil Capacity	4.2 L (4.4 qt.) with dry filter
Coolant Capacity	4.0 L (4.2 qt.)
Emission Controls	Oxy-catalyst with integrated Diesel-particulate Filter (DPF) and cooled Exhaust-gas Recirculation (EGR)
Emission Class	Euro IV
Fuel Consumption	
Urban Cycle	8.4 L/100 km (with DPF); 8.3 L/100 km
Ex-urban Cycle	5.6 L/100 km (with DPF); 5.4 L/100 km
Combined Cycle	6.6 L/100 km (with DPF); 6.5 L/100 km
CO_2 Emissions	175 g/km (with DPF); 177 g/km

ENGINE: 2.4-LITER, DOHC, 16-VALVE, VVT, SMPI I-4

Availability	Available on all Compass models
Type and Description	Four-cylinders inline, tuned intake manifold with Electronic Active Charge Motion Control valves, dual counter-rotating balance shafts dual Variable-valve Timing (VVT)
Displacement	2360 cu. cm (144 cu. in.)
Bore x Stroke	88 x 97 mm (3.46 x 3.82 in.)
Valve System	Chain-driven DOHC, 16 valves, electronically controlled dual Variable-valve Timing (VVT), direct-acting shimless mechanical bucket tappets

Fuel Injection	Sequential, multi-port, electronic, returnless
Construction	High-pressure die cast-aluminum block with dry iron liners, cast-aluminum cylinder heads, cast-aluminum ladder frame, forged steel crankshaft
Compression Ratio	10.5:1
Power	125 kW (170 hp DIN) @ 6000 rpm (70.8 hp DIN/L)
Torque	220 N•m (162 lb.-ft.) @ 4500 rpm
Max. Engine Speed	6500 rpm (electronically limited)
Fuel Requirement	91 RON unleaded petrol
Oil Capacity	4.7 L (5.0 qt.)
Coolant Capacity	6.8 L (7.2 qt.)
Emission Controls	Dual catalytic converters, dual heated oxygen sensors and engine features
Emission Class	Euro IV
Fuel Consumption	
Urban Cycle	11.1 L/100 km (5-mtx); 11.2 L/100 km (CVT)
Ex-urban Cycle	6.8 L/100 km (5-mtx); 7.1 L/100 km (CVT)
Combined Cycle	8.4 L/100 km (5-mtx); 8.6 L/100 km (CVT)
CO_2 (combined)	199 g/km (5-mtx); 205 g/km (CVT)

TRANSAXLE: T355 DRIVELINE FIVE-SPEED MANUAL

Availability	Standard on Compass with 2.4 L engine
Description	Five-speed, overdrive, synchronized in all forward ratios, cable-operated, three-plane shifter
Gear Ratios	
1st	3.77
2nd	2.16
3rd	1.41
4th	1.026
5th	0.72
Reverse	3.417
Final-drive Ratio	4.12
Overall Top-gear	2.97

TRANSAXLE: BG6 SIX-SPEED MANUAL

Availability	Standard on Compass with 2.0 L turbo-diesel engine
Description	Six-speed, overdrive, synchronized in all forward ratios, cable-operated, 4-plane shifter
Gear Ratios	
1st	3.54
2nd	2.05
3rd	1.37
4th	0.97
5th	0.90
6th	0.79
Reverse	3.83

Final-drive Ratio	4.06 (for gears 1–4), 3.45 (for gears 5th and 6th)
Overall Top-gear	2.73

TRANSAXLE: AUTOMATIC, CVT2

Availability	Available on Compass with 2.4 L engine
Description	Continuously variable ratio, lockup torque converter, electronic controls
Gear Ratios	
Forward	2.349:1 to 0.394:1 continuously variable
Reverse	1.75
Final-drive Ratio	6.12:1
Overall Top-gear Ratio	2.41:1

DRIVETRAIN

Four-wheel Drive	Standard on all Jeep Compass models
Type	Electronically-controlled Coupling (ECC) with four-wheel-drive lock
Rear Differential	Open

DIMENSIONS AND CAPACITIES

Wheelbase	2635 (103.7)
Track, Front	1520 (59.8)
Track, Rear	1520 (59.8)
Overall Length	4405.4 (173.4)
Overall Width (without mirrors)	1810 (71.2)
Overall Height (without roof rack)	1630 (64.2)
Overhang, Front	876.0 (34.5)
Overhang, Rear	893.0 (35.2)
Approach Angle (with 215/55R18 tire)	21°
Breakover Angle (with 215/55R18 tire)	20°
Departure Angle (with 215/55R18 tire)	32°
Ground Clearance (with 215/55R18 tire)	Front—200 (7.9); Rear—212 (8.3)
Fuel Tank Capacity, L (gal.)	51.1 (13.5)
Curb Weight, kg (lbs.) (Base Vehicle shown)	2.0-liter turbo-diesel engine: 1540 – 1610 (3330 – 3542) 2.4-liter engine: 1460 – 1585 (3212 – 3487)
Gross Vehicle Weight, kg (lbs.)	2.0-liter turbo-diesel engine: 2010 (4422) 2.4-liter engine: 1980 (4365)
Maximum Trailer Mass (braked), kg (lbs.)	2.0-liter turbo-diesel engine: 1500 (3300) 2.4-liter engine: 1500 (3300)
Maximum Trailer Mass (unbraked), kg (lbs.)	450 (990)
Maximum Tongue Load, kg (lbs.)	2.0-liter turbo-diesel engine: 75 (165) 2.4-liter engine: 75 (165)
Maximum Roof Rack Load, kg (lbs.)	68 (150)

(d) All dimensions measured at curb weight with standard 17-inch tires.

ACCOMMODATIONS

Seating Capacity, F/R	2/3
Front	
Head Room without Sun Roof	1033.7 (40.7)
Leg Room	1032.1 (40.6)
Shoulder Room	1384.8 (54.5)
Hip Room	1328.8 (52.3)
Seat Travel	Driver—260 (10.2); Passenger—260 (10.2)
Recliner Angle Range	Driver—up to 88˚, Passenger—up to 76˚
Rear	
Head Room	1013 (39.9)
Leg Room	999.7 (39.4)
Knee Clearance	44.1 (1.7)
Shoulder Room	1371.8 (54.0)
Hip Room	1294.5 (51.0)
DIN Cargo Volume, cu. m (cu. ft.)	.458 (16.17) (floor to ceiling, all seats up)
DIN Cargo Volume with seats folded, cu. m (cu. ft.)	1.269 (44.81)

BODY AND CHASSIS

Layout	Transverse front-engine, front-wheel drive or four-wheel drive
Construction	Unitized steel body

SUSPENSION

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