

Jeep® Compass for 2011 EUROPEAN SPECIFICATIONS

Note: Information shown is correct at time of publication (February 21, 2011) and is subject to change without notice. Specifications are valid for models sold in Europe and may vary in other international markets.

GENERAL INFORMATION

Body Style Sport-utility vehicle
Assembly Plant Belvidere, Illinois, USA

ENGINE: 2.0-LITER PETROL WITH DUAL VVT

Availability Standard on 4x2 models
Type and Description Four cylinders in-line, tuned intake manifold with Electronic Active Charge Motion Control valves, dual counter-rotating balance shafts
Displacement 1998 cm³ (121.9 in³)
Bore x Stroke 86 x 86 mm (3.39 x 3.39 in)
Valve System Chain-driven DOHC, 16 valves, electronically controlled dual Variable Valve Timing (VVT), direct-acting shimless mechanical bucket tappets
Fuel Injection Sequential, multiport, electronic, returnless
Construction High-pressure die-cast aluminum block with dry iron liners, cast-aluminum cylinder head, cast-aluminum ladder frame, forged-steel crankshaft
Compression Ratio 10.5:1
Maximum Power 115 kW (156 hp DIN) @ 6300 rpm
Maximum Torque 190 N•m (140 lb-ft) @ 5100 rpm
Maximum Engine Speed 6750 rpm, electronically limited
Fuel Requirement 91 RON unleaded petrol
Fuel Tank Capacity 51.1 L (13.5 US gal)
Oil Capacity 4.7 L (5.0 US qt)
Engine Coolant Capacity 6.8 L (7.2 US qt)
Emission Controls Single catalytic converter, dual heated oxygen sensors and engine features
Emission Class Euro V

ENGINE: 2.4-LITER PETROL WITH DUAL VVT

Availability Standard on 4x4 models
Type and Description Four cylinders in-line, tuned intake manifold with Electronic Active Charge Motion Control valves, dual counter-rotating balance shafts
Displacement 2360 cm³ (144.0 in³)
Bore x Stroke 88 x 97 mm (3.46 x 3.82 in)
Valve System Chain-driven DOHC, 16 valves, electronically controlled dual VVT, direct-acting shimless mechanical bucket tappets
Fuel Injection Sequential, multiport, electronic, returnless
Construction High-pressure die-cast aluminum block with dry iron liners, cast-aluminum cylinder head, cast-aluminum ladder frame, forged-steel crankshaft
Compression Ratio 10.5:1
Maximum Power 125 kW (170 hp DIN) @ 6000 rpm
Maximum Torque 220 N•m (162 lb-ft) @ 4500 rpm
Maximum Engine Speed 6500 rpm, electronically limited
Fuel Requirement 91 RON unleaded petrol
Fuel Tank Capacity 51.1 L (13.5 US gal)
Oil Capacity 4.7 L (5.0 US qt)
Engine Coolant Capacity 6.8 L (7.2 US qt)

Emission Controls	Dual catalytic converters, dual heated oxygen sensors and engine features
Emission Class	Euro V

ENGINE: NEW 2.2-LITER TURBO DIESEL

Availability:	Optional
Type and Description	Four cylinders in-line, turbocharged
Displacement	2143 cm ³ (131.0 in ³)
Bore x Stroke	83 x 99 mm (3.27 x 3.90 in)
Valve System	Chain-driven DOHC, 16 valves
Fuel Injection	Electronically controlled Delphi common-rail system with high-pressure direct-injection solenoid injectors
Construction	Cast-iron closed-deck block with cast cooling between liners, aluminum cylinder head, composite-material intake manifold, cast-iron exhaust manifold, forged-steel crankshaft
Compression Ratio	16.2:1
Maximum Power	120 kW (163 hp DIN) @ 3600-4200 rpm – high output 100 kW (136 hp DIN) @ 3600-4200 rpm – low output
Maximum Torque	320 N•m (236 lb-ft) @ 1400-3600 rpm – high output 320 N•m (236 lb-ft) @ 1400-2800 rpm – low output
Maximum Engine Speed	5200 rpm, electronically limited
Fuel Requirement	49 cetane diesel, DIN EN590
Fuel Tank Capacity	51.1 L (13.5 US gal)
Oil Capacity	6.5 L (6.9 US qt)
Engine Coolant Capacity	9.35 L (9.9 US qt)
Emission Controls	Oxy-catalyst with downstream Diesel Particulate Filter (DPF) and cooled EGR
Emission Class	Euro V

TRANSAXLE: MANUAL MAGNA DRIVELINE T355 FIVE-SPEED

Availability	Standard for both petrol engines
Description	Five-speed, overdrive, synchronized in all forward ratios, cable-operated, three-plane shifter
Gear Ratios	
1 st	3.77
2 nd	2.16
3 rd	1.414
4 th	1.026
5 th	0.72
Reverse	3.417
Final Drive Ratio	4.12
Overall Top Gear	3.34

TRANSAXLE: MANUAL AISIN DRIVELINE BG6 SIX-SPEED

Availability	Standard for CRD engine
Description	Six-speed, overdrive, synchronized in forward ratios, cable-operated, four-plane shifter
Gear Ratios	
1 st	3.54
2 nd	2.046
3 rd	1.367
4 th	0.97
5 th	0.90
6 th	0.79
Reverse	3.831
Final Drive Ratio	4.059 – 1-4; 3.45 – 5-6
Overall Top Gear	2.73

TRANSAXLE: AUTOMATIC JATCO MODEL CVT2 WITH AUTO STICK

Availability	Optional for 2.4L petrol engine
Description	Continuously variable ratio, lock-up torque converter, electronic controls
Gear Ratios	
Forward	2.349 to 0.394, continuously variable
Reverse	1.75
Final Drive Ratio	6.12 – 2.0L; 5.798 – 2.4L
Overall Top Gear	2.411

DRIVETRAIN: FRONT-WHEEL DRIVE

Availability	Standard on 4x2 models
Front Differential	Open
Rear Differential	None

DRIVETRAIN: FREEDOM DRIVE I™

Availability	Standard on 4x4 models
Type	Full-time four-wheel drive with Electronically Controlled Coupling (ECC) and four-wheel-drive Lock mode
Front Differential	Open
Rear Differential	Open

SUSPENSION

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

STEERING

Type	Rack-and-pinion with hydraulic power assist
Overall Ratio	16.4:1
Turning Diameter (curb to curb)	10.8 m (35.6 ft) with 17-in wheels
Steering Turns (lock to lock)	2.89 with 17-in wheels

STANDARD WHEELS AND TIRES

Wheel Size	17 x 6.5 in
Wheel Type	Polished aluminum
Tire Size and Type	Continental 215/60R17 BSW summer performance
Spare Tire	Full size

BRAKES

Front	
Disc Size and Type	294 x 26 mm (11.5 x 1.0 in), vented
Caliper Size and Type	57 mm (2.2 in), single-piston, floating
Swept Area	1442 cm ² (223.5 in ²)
Rear	
Disc Size and Type	302 x 10 mm (11.9 x 0.4 in), solid – in some WEU markets; 262 x 10 mm (10.3 x 0.4 in), solid – for all other markets
Caliper Size and Type	35 mm (1.4 in), single-piston, floating
Swept Area	895 cm ² (138.7 in ²)
Power Assistance	254 mm (10.0 in) single-diaphragm vacuum
Anti-lock Brake System	Standard
Electronic Stability Control	Standard
Traction Control	Standard

DIMENSIONS

All dimensions are in millimeters (inches) unless otherwise noted; measured at curb weight with standard tires.

Overall Length	4448 (175.1)
Overall Width	1812 (71.3)
Overall Height	1663 (65.5) / 1718 (67.6) with roof rack
Wheelbase	2635 (103.7)
Track, Front/Rear	1520 (59.8)
Overhang	916 (36.1) – front; 897 (35.3) – rear
Ground Clearance	205 (8.1) – front; 209 (8.2) – rear
Water Fording	279 (11.0)
Approach Angle	20°
Departure Angle	32°
Breakover Angle	20°
Drag Coefficient	0.401

ACCOMMODATIONS

Seating Capacity	Two front, three rear
Front	
Head Room	1034 (40.7) without sun roof
Leg Room	1032 (40.6)
Shoulder Room	1380 (54.3)
Hip Room	1329 (52.3)
Seat Travel	260 (10.2), driver and passenger
Rear	
Head Room	1014 (39.9)
Leg Room	1000 (39.4)
Knee Clearance	44 (1.7)
Shoulder Room	1372 (54.0)
Hip Room	1295 (51.0)
Cargo (ISO 3282 standard)	
All Seats in Place	328 L – to top of seat back; 458 L – from seat back to roof
Rear Seats Folded	725 L – to top of seat back; 1269 L – from seat back to roof

WEIGHTS

Figures are in kilograms (pounds).

	2.0L	2.4L MTX	2.4L ATX
Engine			
Curb Weight	1428-1450 (3148-3197)	1460-1575 (3219-3472)	1530-1586 (3373-3496)
Gross Vehicle Weight	2012 (4435)	2012 (4435)	2012 (4435)
Maximum Towing Capacity	1200 (2645)	1500 (3307)	1500 (3307)
Max. Trailer Mass (braked)	1200 (2645)	1500 (3307)	1500 (3307)
Max. Trailer Mass (unbraked)	450 (992)	450 (992)	450 (992)
Maximum Tongue Load	60 (132)	75 (165)	75 (165)
Maximum Roof Load	68 (150)	68 (150)	68 (150)
Engine	2.2 CRD 4x4	2.2 CRD FWD	
Curb Weight	1605-1655 (3538-3649)	1564-1572 (3448-3466)	
Gross Vehicle Weight	2075 (4575)	2046 (4510)	
Maximum Towing Capacity	2000 (4409)	1200 (2645)	
Max. Trailer Mass (braked)	2000 (4409)	1200 (2645)	
Max. Trailer Mass (unbraked)	450 (992)	450 (992)	
Maximum Tongue Load	100 (220)	60 (132)	
Maximum Roof Load	68 (150)	68 (150)	

PERFORMANCE

Engine	2.0L	2.4L MTX	2.4L ATX	2.2 CRD H-O
Acceleration				
0-100 km/h	10.6 sec	10.7 sec	10.7 sec	9.7 sec
80-120 km/h (top gear)	Pending	19.5 sec	9.3 sec	11.3 sec
Braking (100-0 km/h, 17-in tire)	3.08 sec	3.08 sec	3.08 sec	3.08 sec
Top Speed (km/h / mph)	185 (115)	180 (112)	180 (112)	201 (125) – 4x4 180 (112) – FWD

FUEL CONSUMPTION (L/100 km, EU standard)

Engine	2.0L	2.4L MTX	2.4L ATX	2.2 CRD
Urban Cycle	10.2	10.9	11.3	7.9
Extra-urban Cycle	6.1	6.4	7.0	5.9
Combined Cycle	7.6	8.1	8.6	6.6
Combined CO ₂ (g/km)	175	187	199	172

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