

TECHNICAL SPECIFICATIONS

Dodge Caliber

The information shown is based on data available at the time of publication (April 7, 2006). Specifications are valid for Europe and may vary in other international markets.

Body and Chassis

Five-seat, five-door sports tourer with unitized steel body. Choice of four transverse front engines driving the front wheels, via six-speed manual, five-speed manual or automatic Continuously Variable Transaxle (CVT) with Auto Stick (depending on engine).

Engines

1.8L Petrol World Engine

Availability	Standard on SE and SXT
Type	In-line, four-cylinder DOHC, dual Variable Valve Timing (VVT)
Capacity	1.8 liters (1798 cc / 109.7 cu. in.)
Maximum power	110 kW (150 hp DIN) @ 6500 rpm (61.1 kW/liter)
Maximum torque	168 Nm (124 lb.-ft.) @ 5200 rpm
Compression ratio	10.5:1
Bore and stroke	86 mm x 77 mm (3.38 in. x 3.05 in.)
Valve system	Chain-driven DOHC, 16 valves, VVT, direct-acting bucket tappets
Fuel injection system	Sequential multi-port injection, electronic
Construction	High-pressure die-cast aluminum block with dry iron liners, cast-aluminum cylinder heads, cast-aluminum ladder frame, forged steel crankshaft
Maximum engine speed	6750 rpm
Fuel requirement	Unleaded 87 octane (R+M)/2 petrol
Emission controls	Single catalytic converter, dual heated oxygen sensors
Emission level	Euro 4

2.0L Turbo Diesel

Availability	Optional on SE and SXT
Type	In-line, four-cylinder DOHC
Capacity	2.0 liters (1968 cc / 120.1 cu. in.)
Maximum power	103 kW (140 hp DIN) @ 4000 rpm (51.5 kW/liter)
Maximum torque	310 Nm (229 lb.-ft.) @ 2500 rpm
Compression ratio	18:1
Bore and stroke	81 mm x 95.5 mm (3.19 in. x 3.76 in.)
Valve system	Belt-driven DOHC, 16 valves, hydraulic lifters
Fuel injection system	Electronically controlled high-pressure direct injection
Construction	Cast iron block, cast aluminum cylinder heads, forged steel crankshaft
Maximum engine speed	5000 rpm
Fuel requirement	DIN EN 590 49 cetane diesel
Emission controls	Oxidation catalytic converter
Emission level	Euro 4

2.0L Petrol World Engine

Availability	Optional on SE and SXT
Type	In-line, four-cylinder DOHC, dual VVT
Capacity	2.0 liters (1998 cc / 121.9 cu. in.)
Maximum power	115 kW (156 hp DIN) @ 6300 rpm (57.5 kW/liter)
Maximum torque	190 Nm (140 lb.-ft.) @ 5100 rpm
Compression ratio	10.5:1
Bore and stroke	86 mm x 86 mm (3.39 in. x 3.39 in.)
Valve system	Chain-driven DOHC, 16 valves, VVT, direct-acting bucket tappets
Fuel injection system	Sequential multi-port injection, electronic
Construction	High-pressure die-cast aluminum block with dry iron liners, cast-aluminum cylinder heads, cast-aluminum ladder frame, forged steel crankshaft
Maximum engine speed	6400 rpm

Fuel requirement	Unleaded 87 octane (R+M)/2 petrol
Emission controls	Single catalytic converter, dual heated oxygen sensors
Emission level	Euro 4

Transaxles

Five-speed Manual

Availability	Standard with 1.8L petrol
Description	Magna Driveline T355: 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	0.81
Reverse	3.417
Final drive ratio	4.12

Six-speed Manual

Availability	Standard with 2.0L diesel
Description	Aisin BG6: Six-speed, overdrive, synchronized in all ratios, cable-operated, four-plane shifter with reverse lockout 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	4.059 gears 1-4, 3.450 gears 5-6 and Reverse

Continuously Variable Transaxle

Availability	Standard with 2.0L petrol
Description	Automatic CVT: Continuously variable ratio, lock-up torque converter, electronic controls, paired with Auto Stick
Gear ratios	
Forward	2.349 to 0.394 continuously variable
Reverse	1.762
Final drive ratio	6.12

Drivetrain

Front-wheel drive	Standard with all engines
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Suspension and Damping

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

Steering

Type	Rack and pinion with hydraulic power assist
Overall ratio	16.6:1
Turning diameter (curb-to-curb)	10.8 m (35.4 ft.)
Steering turns (lock-to-lock)	2.88 with 17-in. wheels, 2.76 with 18-in. wheels

Brakes

Front

Size and type	292 mm x 25 mm (11.5 in. x 1 in.) vented disc
Caliper	56 mm (2.2 in.) single-piston floating caliper
Swept area	1442 sq. cm (223.5 sq. in.)

Rear

Size and type	262 mm x 35 mm (10.3 in. x 1.39 in.) solid disc
Caliper	35 mm (1.38 in.) single-piston floating caliper
Swept area	895 sq. cm (138.7 sq. in.)

Safety Systems

Power assistance	254 mm (10 in.) single-diaphragm vacuum
Anti-lock braking	Standard
Stability control	Electronic Stability Program (ESP) standard with 2.0L diesel, optional (late availability) with 1.8L and 2.0L petrol
Traction control	Packaged with ESP
Hydraulic Brake Assist	Packaged with ESP

Wheels and Tires

Availability	Standard on SE
Wheel type and material	Stamped steel with five-spoke wheel covers
Wheel size	17 in. x 6.5 in.
Tires, front and rear	215/60R17 BSW Summer Performance
Spare tire configuration	Compact

Availability	Standard on SXT
Wheel type and material	Machine-faced aluminum with five-spoke design
Wheel size	17 in. x 6.5 in.
Tires, front and rear	215/60R17 BSW Summer Performance
Spare tire configuration	Compact

Availability	Optional on SXT
Wheel type and material	Machine-faced aluminum with five-spoke design
Wheel size	18 in. x 7.0 in.
Tires, front and rear	215/55R18 BSW Summer Performance
Spare tire configuration	Compact

Dimensions

Dimensions are in millimeters (inches) unless otherwise noted.

Exterior

Overall length	4415 (173.8)
Overall width	1800 (70.9) without mirrors
Overall height	1535 (60.4)
Wheelbase	2635 (103.7)
Overhang, front	876 (34.5)
Overhang, rear	903 (35.5)
Ground clearance	195 (7.7)
Track, front and rear	1520 (59.8)

Interior

Front

Head room	1012 (39.8) without sunroof
Leg room	1061.5 (41.8)
Shoulder room	1377.9 (54.2)
Hip room	1325.3 (52.2)

Rear

Head room	988.2 (38.9) without sunroof
Leg room	906.1 (35.7)
Shoulder room	1357.1 (53.4)
Hip room	1260.8 (49.6)
Knee clearance	18.8 (0.74)

Cargo Volume (SAE standard)

All seats in place	523.9 L (18.5 cu. ft.)
Rear seats folded	1339.4 L (47.3 cu. ft.)

Weights (kg / lb.)

Maximum cargo weight	52 (114.6) with five passengers
Max. towing (incl. tongue load)	1200 (2645.5)
Max. trailer mass, braked	1200 (2645.5)
Max. trailer mass, unbraked	450 (992.1)
Gross axle weight rating, front	1080 (2381)
Gross axle weight rating, rear	1000 (2204.6)
Maximum tongue load	48 (105.8)
Maximum roof load (on roof rack)	68 (149.9)

	1.8L petrol	2.0L diesel	2.0L petrol
Minimum curb weight	1320 (2910.1)	1425 (3141.6)	1360 (2998.3)
Maximum curb weight	1385 (3053.4)	1485 (3273.9)	1425 (3141.6)
Gross vehicle weight	1890 (4166.7)	2000 (4409.2)	1930 (4254.9)

*Curb weight includes 75 kg (165.3 lb.) for driver and fuel

Capacities

Fuel tank	51.1 L (13.5 U.S. gallons)
Oil (with new filter)	4.2 L (4.4 qt.) with 2.0L diesel, 4.7 L (5 qt.) with 1.8L and 2.0L petrol
Engine coolant system	6.8 L (7.2 qt.)
Washer fluid	3.1 L (3.3 qt.)

Fuel Consumption (L/100 km, EU standard)

	1.8L petrol	2.0L diesel	2.0L petrol
Drag coefficient	0.37	0.39	0.37
Combined cycle	7.3	6.1	8.1
Urban cycle	9.6	7.9	10.1
Extra-urban cycle	6.0	5.1	6.9
Combined CO ₂ (g/km)	174	161	192

Performance

	1.8L petrol	2.0L diesel	2.0L petrol
Acceleration			
0-100 km/h	11.9 sec.	9.3 sec.	11.3 sec.
80-120 km/h	9.1 sec.	7.5 sec.	7.6 sec.
Top speed (km/h / mph)	184 (114)	196 (122)	186 (116)

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