

2007 Dodge Caliber SRT4 – Preliminary Specifications

All dimensions are in inches (millimeters) unless otherwise noted.

GENERAL INFORMATION

Body style.....Five-door hatchback
Assembly Plant.....Belvidere, Illinois
EPA Vehicle Class.....Compact Car

ENGINE: 2.4-LITER DOHC 16-VALVE I4 WITH VARIABLE VALVE TIMING, TURBOCHARGED

Availability.....Std.
Type and Description..... Four cylinders in-line, tuned intake manifold with
Electronic Active Charge Motion Control valves, dual counter-rotating balance shafts
Displacement 144 cu. in. (2360 cu. cm.)
Bore x Stroke 3.46 x 3.82 (88 x 97)
Valve System.....Chain-driven DOHC, 16 valves, electronically controlled
dual Variable Valve Timing, direct-acting shimless mechanical bucket tappets
Fuel InjectionSequential, 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 Ratio8.6:1
Power (SAE net, estimated).....300 bhp (223 kW) @ 6000 rpm (125 bhp/liter)
Torque (SAE net, estimated)..... 260 lb.-ft. (352 N•m) @ 2000-6000 rpm
Max. Engine Speed..... 6500 rpm (electronically limited)
Fuel Requirement Unleaded premium, 93 octane (R+M)/2
Oil Capacity5.0 qt. (4.7L) SAE 0W/40 Mobil 1 Synthetic
Coolant Capacity.....7.2 qt. (6.8 L)
Emission ControlsTwin catalytic converters, dual
heated oxygen sensors and engine features
Max. Gross Trailer WeightN/A
Estimated EPA Fuel Economy MPG City/Hwy.....22/28

TRANSAXLE: MANUAL, GETRAG DMT-6 6-SPEED

Availability.....Std.
Description.....six-speed, overdrive,synchronized in all ratios, cable-operated,
four-plane shifter with reverse lockout ring
Gear Ratios
1st.....3.231
2nd1.952
3rd1.321
4th0.971
5th1.061
6th0.886
Reverse3.831
Final Drive RatioGears 1-4: 4.063, gears 5,6: 2.955
Overall Top Gear.....2.728

ELECTRICAL SYSTEM

Alternator 140A
Battery 700 CCA, maintenance-free

DIMENSIONS AND CAPACITIES

Wheelbase.....	103.7 (2635)
Track, Front.....	59.8 (1520)
Track, Rear	59.8 (1520)
Overall Length.....	173.8 (4413.9)
Overall Width.....	68.8 (1747.2)
Overall Height	60.4 (1533.1)
Ground Clearance	7.0 (178)
Frontal Area, sq. ft. (sq. m).....	24.5 (2.28)
Drag Coefficient	0.4
Curb Weight, lb. – estimated (kg).....	3189 (1447)
Weight Distribution, percent F/R.....	58/42

ACCOMMODATIONS

Seating Capacity, F/R	2/3
Front Headroom without sun roof.....	40.0 (1015.6)
Leg Room.....	41.8 (1061.5)
Shoulder Room.....	54.2 (1377.8)
Hip Room.....	52.2 (1325.3)
Seat Travel.....	Driver – 10.2 (260), passenger – 10.2 (260)
Recliner Angle Range, deg.	Driver – up to 88, passenger – (76 fold flat/88 non-fold flat)
SAE Front Volume Index, cu. ft. (cu. m.).....	52.4 (1.485)
Rear Seat Headroom.....	38.9 (989.3)
Leg Room.....	35.6 (905.1)
Knee Clearance	0.9 (21.8)
Shoulder Room.....	53.4 (1357.2)
Hip Room.....	49.6 (1260.8)
SAE Rear Seat Volume Index, cu. ft. (cu. m.)	42.8 (1.212)
SAE Interior Volume, cu. ft. (cu. m.)	95.2 (2.697)
Cargo Volume Indexes.	
Rear Seats Up, cu. ft. (cu m.).....	18.5 (0.525)
Rear Seats Folded, cu. ft. (cu. m.)	48.0 (1.36)
EPA Interior Volume Index, cu. ft. (cu. m.).....	113.9 (3.225)
Liftover Height	27.6 (701.4)

BODY

Layout	Transverse front-engine front-wheel drive
Construction.....	Unitized steel body

SUSPENSION

Front	Independent MacPherson strut, coil spring over gas-charged shock absorbers and stabilizer bar
Rear	Multi-link-link independent 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)	39.6 ft. (12 m)
Steering Turns (lock-to-lock)	2.76

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TIRES

Size and Type	P255/45ZR19 Performance
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Mfr. and ModelGoodyear
Revs per Mile (km)765 (1231)

WHEELS

Type and MaterialCast Aluminum
Size 19 x 7.5

BRAKES

Front

Size and Type..... 13.3 x 1.1 (340 x 28) vented disc with 2.2 (57) dual-piston floating caliper
Swept Area223.52 sq. in. (1442.12 sq. cm)

Rear

Size and Type..... 11.8 x 1.39 (302 x 10) solid disc with 1.4 (35) single-piston floating caliper
Swept Area..... 138.64 sq. in. (894.6 sq. cm)
Power Assist Type..... 10 (254) single-diaphragm vacuum
Four-wheel Anti-lock..... Std.
Electronic Stability Program... Std.