

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.

Chrysler Sebring Cabrio

SPECIFICATIONS

Dimensions are in millimeters (inches) unless otherwise noted.

GENERAL INFORMATION

Body Style	Two door convertible
Assembly Plant	Sterling Heights Assembly, Mich.
Vehicle Class	D-Segment

ENGINE: 2.0-LITER TURBO DIESEL DOHC 16-Valve

Availability	Available on all Sebring Convertible 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	6400 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	14.6 L/100 km
Ex-urban Cycle	7.2 L/100 km
Combined Cycle	9.9 L/100 km
CO2 Emissions	178 g/km (6-mtx)

ENGINE: 2.7-LITER, GASOLINE, DOHC, 24-VALVE, SMPI V-6

Availability	Standard on Sebring Convertible Touring and Limited
Type and Description	60-degree, liquid-cooled, dual-tuned intake manifold with electronically controlled manifold tuning valve
Displacement	2736 cu. cm (167 cu. in.)
Bore x Stroke	86 x 78.5 (3.38 x 3.09)
Valve System	DOHC, 24 valves, hydraulic end-pivot roller followers
Fuel Injection	Sequential, multi-port, electronic
Construction	Semi-permanent mold aluminum block with cast-in iron liners, cast-aluminum heads
Compression Ratio	9.9:1
Power	137 kW (186 hp DIN) @ 5500 rpm (68.8 hp DIN/L)
Torque	256 N•m (191 lb.-ft.) @ 4000 rpm
Max. Engine Speed	6464 rpm (electronically limited)
Fuel Requirement	91 RON unleaded petrol, or E85
Oil Capacity	5.7 L (6 qt.) with dry filter
Coolant Capacity	9.0 L (9.5 qt.)
Emission Controls	Dual close-coupled three-way catalytic converters, quad-heated oxygen sensors and internal engine features
Emission Class	Euro IV
Fuel Consumption	
Urban Cycle	15.2 L/100 km
Ex-urban Cycle	7.7 L/100 km
Combined Cycle	10.5 L/100 km
CO2 Emissions	248 g/km (6-atx)

TRANSAXLE: 62TE, AUTOMATIC SIX-SPEED OVERDRIVE

Availability	Available with 2.7 L engine
Description	Six-speed, adaptive electronic control or Auto Stick driver-interactive manual control and electronically modulated torque converter clutch
Gear Ratios	
1 st	4.127
2 nd	2.842
3 rd	2.283
4 th	Upshift—1.452, WOT kickdown—1.570
5 th	1
6 th	0.69
Reverse	3.214
Transfer Ratio	0.95
Final-drive Ratio	3.43
Overall Top-gear	2.24

TRANSAXLE: BG6 6-SPEED MANUAL

Availability	Available with 2.0 L turbo-diesel engine
Description	6-speed, overdrive, synchronized in all forward ratios, cable-operated, 3-plane shifter
Gear Ratios	
1st	3.59
2nd	2.05
3rd	1.37
4th	0.97
5th	0.90
6th	0.79
Reverse	3.83
Final-drive Ratio	4.06
Overall Top-gear	2.73

DRIVETRAIN**Front-wheel Drive**

Availability	Standard with all engines
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DIMENSIONS AND CAPACITIES

Wheelbase	2765 (108.9)
Track, Front	1570 (61.8)
Track, Rear	1570 (61.8)
Overall Length	4930 (194.0)
Overall Width	1843 (72.5)
Overall Height	1482 (58.5)
Fuel Tank Capacity, L (gal.)	64.4 (16.9)
Curb Weight, kg (lbs.)	2.0-liter Turbo-Diesel Engine: 1775 (3905) 2.7-liter V-6 Engine: 1745 (3839)
Gross Vehicle Weight, kg (lbs.)	2.0-liter Turbo-Diesel Engine: 2175 (4785) 2.7-liter V-6 Engine: 2175 (4785)
Maximum Trailer Mass (braked), kg (lbs.)	2.0-liter Turbo-Diesel Engine: 1500 (3300) 2.7-liter V-6 Engine: 1000 (2200)
Maximum Trailer Mass (unbraked), kg (lbs.)	2.0-liter Turbo-Diesel Engine: 450 (990) 2.7-liter V-6 Engine: 450 (990)
Maximum Tounge Load, kg (lbs.)	2.0-liter Turbo-Diesel Engine: 75 (165) 2.7-liter V-6 Engine: 50 (110)

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



ACCOMMODATIONS

Seating Capacity - F/R	2/2
Total Interior Passenger Volume, cu. m (cu. ft)	2.83 (100)
Front	
Head Room w/Cloth Convertible Top	978.8 (38.5)
Head Room w/Retractable Hard Top	986.8 (38.8)
Leg Room	1077.2 (42.4)
Shoulder Room	1433.2 (56.4)
Hip Room	1352.0 (53.2)
Seat Travel	260 (10.2)
Rear	
Head Room w/ Vinyl or Cloth Convertible Top	939.8 (37.0)
Head Room w/Retractable Hardtop	921.3 (36.2)
Leg Room	850.1 (33.5)
Shoulder Room	1232.8 (48.5)
Hip Room	1123.2 (44.2)
Rear Compartment Volume, cu. m (cu. ft.)	0.099 (35.0)
Cargo	
DIN Trunk Volume – Top Up cu. m (cu. ft.)	0.356 (12.57)
DIN Trunk Volume – Top Down cu. m (cu. ft.)	0.193 (6.81)

BODY/CHASSIS

Layout	Transverse front engine, front-wheel drive
Construction	Steel unibody

SUSPENSION

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