

2008 Chrysler Sebring Convertible Specifications

(updated March 30, 2007)

Dimensions are in inches (millimeters) at curb weight with standard wheels and tires unless otherwise noted.

General Information

Body Style	Convertible
Assembly Plant	Sterling Heights Assembly, Michigan
EPA Vehicle Class	Compact

Engine: 2.4-Liter, Gasoline, dOHC, 16-Valve, VVT, SMPI i4

Availability	Standard on Sebring Convertible
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 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 (SAE net, estimated)	173 bhp (129 kW) @ 6000 rpm (71 bhp/liter)
Torque (SAE net, estimated)	166 lb.-ft. (225 N•m) @ 4400 rpm
Max. Engine Speed	6500 rpm (electronically limited)
Fuel Requirement	Unleaded regular, 87 octane (R+M)/2
Oil Capacity	5.0 qt. (4.7L) SAE 5W-20
Coolant Capacity	7.2 qt. (6.8 L)
Emission Controls	Single catalytic converter Dual heated oxygen sensors and engine features
Estimated EPA Fuel Economy MPG (City/Hwy)	20/29 based on 2008 EPA standards 23/31 based on 2007 EPA standards

Engine: 2.7-Liter, Gasoline, DOHC, 24-Valve, SMPI V6

Availability	Standard on Sebring Convertible Touring
Type and Description	60-degree, liquid-cooled, dual-tuned intake manifold with electronically controlled manifold tuning valve
Displacement	167 cu. in. (2736 cu cm)
Bore x Stroke	3.38 x 3.09 (86 x 78.5)
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 (SAE net, estimated)	189 bhp (141 kW) @ 6400 rpm (70.4 bhp/liter)
Torque (SAE net, estimated)	191 lb.-ft. (259 N•m) @ 4000 rpm
Max. Engine Speed	6464 rpm (electronically limited)
Fuel Requirement	FFV: Unleaded regular, 87 octane (R+M)/2 or E-85
Oil Capacity	6 qt. (5.7 L) with dry filter
Coolant Capacity	9.5 qt. (9 L)
Emission Controls	Dual close-coupled 3-way catalytic converters, Quad heated oxygen sensors and internal engine features
Estimated EPA Fuel Economy MPG (City/Hwy)	18/26 based on 2008 EPA standards 20/28 based on 2007 EPA standards

Engine: 3.5-Liter, Gasoline, SOHC, 24-Valve, SMPI V6

Availability	Standard on Sebring Convertible Limited
Type and Description	60-degree bank angle, liquid-cooled, three-plenum intake manifold with electronically controlled manifold tuning valve and short-runner valves
Displacement	3518 cu. cm
Bore x Stroke	96 x 81
Valve System	SOHC, 24 valves, hydraulic, center-pivot roller rocker arms
Fuel Injection	Sequential, multi-port, electronic
Construction	Semi-permanent mold aluminum block with cast-in iron liners and cast-aluminum heads
Compression Ratio	10.0:1
Power (SAE net, estimated)	235 bhp (175 kW) @ 6400 rpm (71.4 bhp/liter)
Torque (SAE net, estimated)	232 lb.-ft. (315 N•m) @ 4000 rpm
Max. Engine Speed	6800 rpm (electronically limited)

Fuel Requirement	Unleaded mid-grade, 89 octane (R+M)/2 – preferred, unleaded regular, 87 octane (R+M)/2 – acceptable
Oil Capacity	6 qts. (5.7L) with dry filter
Coolant Capacity	10.3 qts.(9.75L)
Emission Controls	Three-way catalytic converter, electronic EGR, and internal engine features
Estimated EPA Fuel Economy MPG (City/Hwy)	16/26 based on 2008 EPA standards 18/28 based on 2007 EPA standards

TRANSAXLE: 40TES, Automatic Four-Speed Overdrive

Availability	Standard with 2.4L engine
Description	4-speed overdrive, adaptive electronic control, electronically modulated converter clutch
Gear Ratios	
1 st	2.842
2 nd	1.57
3 rd	1.0
4 th	0.69
Reverse	2.21
Final Drive Ratio	3.91
Overall Top Gear	2.70

TRANSAXLE: 41TES, Automatic Four-Speed Overdrive

Availability	Standard with 2.7L engine
Description	4-speed overdrive, adaptive electronic control, electronically modulated converter clutch
Gear Ratios	
1 st	2.842
2 nd	1.57
3 rd	1.0
4 th	0.69
Reverse	2.21
Final Drive Ratio	3.91
Overall Top Gear	2.70

TRANSAXLE: 62TE, Automatic six-Speed Overdrive

Availability	Standard with 3.5L engine
Description	6-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	1.00
6 th	0.690
Reverse	3.214
Transfer Ratio	0.95
Final Drive Ratio	3.430
Overall Top Gear	2.248

Drivetrain

Front-Wheel Drive

Availability	Standard with all engines
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Dimensions and Capacities

General

Wheelbase	108.9 (2765)
Track, Front	61.8 (1570)
Track, Rear	61.8 (1570)
Overall Length	193.8 (4922)
Overall Width	71.5 (1816)
Overall Height	58.5 (1485)

Aero	
CdA	8.2
Cd	0.34

Fuel Tank Capacity, gal. (L)	16.9 (64.4)
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Towing Capacity, lbs. (kg)	
2.4L Engine	not recommended
2.7L Engine	1000 (450)
3.5L Engine	1000 (450)

U.S. Curb Weight, lbs. (kg)	
2.4L Gasoline Engine	Sebring Convertible, Auto. Trans.– 3742 (1697)
2.7L Gasoline Engine	Sebring Convertible Touring, Auto. Trans.– 3847 (1745)
3.5L Gasoline Engine	Sebring Convertible Limited, Auto. Trans.– 3959 (1796)

Accommodations

Seating Capacity - F/R	2/2
EPA Total Interior Passenger Volume, cu. ft. (cu. M)	100 (2.83)

Front	
Head Room w/Vinyl or Cloth Convertible Top	38.8 (984.4)
Head Room w/Retractable Hard Top	39.0 (991.8)

Leg Room	42.4 (1077.1)
Shoulder Room	56.4 (1433.2)
Hip Room	53.3 (1353.0)
Seat Travel	10.2 (260)
EPA Total Interior Volume	100.8 (2.85)

EPA Front Compartment Volume, cu. ft. (cu. M)	53.7 (1.52)
Rear	
Head Room w/ Vinyl or Cloth Convertible Top	37.2 (944.7)
Head Room w/Retractable Hardtop	36.6 (929.5)
Leg Room	33.5 (850.1)
Shoulder Room	48.5 (1232.8)
Hip Room	44.2 (1123.2)
EPA Rear Compartment Volume, cu. ft. (cu. M)	35.0 (.099)
Cargo	
Liftover Height	31.6 (800.4)
EPA Total Trunk Volume	13.1 (.370)

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-link independent with coil springs, link-type stabilizer bar, gas-charged shock absorbers and isolated rear suspension cradle

Steering

Type	Speed-proportional, Power rack-and-pinion
Overall Ratio	16.5:1
Turning Diameter (curb-to-curb)	36.5 ft. (11.13)
Steering Turns (lock-to-lock)	3.3

Brakes

Power Assist Type	All - 8 x 9 (204 x 230) Tandem-diaphragm vacuum
Availability	Standard on Sebring with I4 Engine
Front	
Size and Type	11.5 x 1.0 (294 x 26) Vented Rotors

With 2.2 (57.0) single-piston floating caliper
 Swept Area (total front) 223.5 sq. in. (1442.1 sq. cm)
Rear
 Size and Type 9.0 x 0.8 (229 x 35) Machined Drums
 Swept Area (total rear) 78.1 sq. in. (503.6 sq. cm)
 Parking Brake Type Drum

Availability Optional on Sebring with I4 Engine
Front
 Size and Type 11.5 x 1.0 (294 x 26) Vented Rotors
 With 2.2 (57.0) single-piston floating caliper
 Swept Area (total front) 223.5 sq. in. (1442.1 sq. cm)
Rear
 Size and Type 9.0 x 0.8 (229 x 35) Machined drums
 Swept Area (total rear) 78.1 sq. in. (503.6 sq. cm)
 Parking Brake Type Drum
 Four-Wheel Anti-Lock (ABS) Standard

Availability Standard on models with V6 Engines
Front
 Size and Type 11.5 x 1.0 (294 x 26) Vented Rotors
 With 2.2 (57.0) single-piston floating caliper
 Swept Area (total front) 223.5 sq. in. (1442.1 sq. cm)
Rear
 Size and Type 11.5 x 0.4 (294 x 10) solid rotor
 With 1.4 (35.0) single-piston floating caliper
 Swept Area (total rear) 223.2 sq. in. (1440 sq. cm)
 Parking Brake Type Drum-in-hat
 Four-Wheel Anti-lock (ABS) Standard

Availability Optional on models with V6 Engines
Front
 Size and Type 11.5 x 1.0 (294 x 26) Vented Rotors
 With 2.2 (57.0) single-piston floating caliper
 Swept Area (total front) 223.5 sq. in. (1442.1 sq. cm)
Rear
 Size and Type 11.5 x 0.4 (294 x 10) solid rotor
 With 1.4 (35.0) single-piston floating caliper
 Swept Area (total rear) 223.2 sq. in. (1440 sq. cm)

Parking Brake Type

Drum-in-hat

Wheels

Availability Standard on Sebring Convertible
Type and Material Steel Painted with Sparkle Silver Wheelcover
Size 16 x 6.5

Availability Standard on Sebring Convertible Touring
Type and Material Machined and Painted Cast Aluminum, Sparkle Silver
Size 17 x 6.5

Availability Standard on Sebring Convertible Limited,
Optional on Sebring Convertible Touring
Type and Material Machined and Painted Cast Aluminum, Sparkle Silver
Size 18 x 7.0

Availability Optional on Sebring Convertible Limited
Type and Material Chrome-clad Cast Aluminum
Size 18 x 7.0

Tires

Availability Standard on Sebring Convertible
Size and Type P215/65R16, All-season
Model Firestone FR690
Revs/Mile (Km) 774

Availability Standard on Sebring Convertible Touring,
Optional on Sebring Convertible
Size and Type P215/60R17, All-season Touring
Model Bridgestone Turanza EL400
Revs/Mile (Km) 772

Availability Standard on Sebring Convertible Limited,

Size and Type	Optional on Sebring Convertible Touring
Model	P215/55R18, All-season Touring
Revs/Mile (Km)	Bridgestone Turanza EL400 763