



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 Sedan

SPECIFICATIONS

Dimensions are in millimeters (inches) unless otherwise noted.

GENERAL INFORMATION

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|----------------|----------------------------------|
| Body Style | Four-door sedan |
| Assembly Plant | Sterling Heights Assembly, Mich. |
| Vehicle Class | D-Segment |

ENGINE: 2.0-LITER TURBO DIESEL DOHC 16-VALVE

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|-------------------------|---|
| Availability | Available on all Sebring 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 | 5000 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 | 8.2 L/100 km (6-mtx); 8.7 L/100 km (DCT) |
| Ex-urban Cycle | 5.1 L/100 km (6-mtx); 5.6 L/100 km (DCT) |
| Combined Cycle | 6.2 L/100 km (6-mtx); 6.8 L/100 km (DCT) |
| CO2 Emissions | 164 g/km (6-mtx); 178 g/km (DCT) |

ENGINE: 2.4-LITER, GASOLINE, DOHC, 16-VALVE, VVT, SMPI I-4

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| Availability | Available on all Sebring models |
| Type and Description | Four-cylinders inline, tuned intake manifold with Electronic Active Charge Motion Control valves, dual counter-rotating balance shafts dual Variable-valve Timing (VVT) |
| Displacement | 2360 cu. cm (144 cu. in.) |
| Bore x Stroke | 3.46 x 3.82 (88 x 97) |
| Valve System | Chain-driven DOHC, 16 valves, electronically controlled dual Variable-valve Timing (VVT), 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 | 124 kW (170 hp DIN) @ 6000 rpm (70.8 hp DIN/L) |
| Torque | 220 N•m (162 lb.-ft.) @ 4400 rpm |
| Max. Engine Speed | 6500 rpm (electronically limited) |
| Fuel Requirement | 91 RON unleaded petrol |
| Oil Capacity | 4.7 L (5.0 qt.) |
| Coolant Capacity | 6.8 L (7.2 qt.) |
| Emission Controls | Single catalytic converter, dual heated oxygen sensors and engine features |
| Emission Class | Euro IV |
| Fuel Consumption | |
| Urban Cycle | 12.2 L/100 km |
| Ex-urban Cycle | 6.8 L/100 km |
| Combined Cycle | 8.8 L/100 km |
| CO2 Emissions | 208 g/km (4-atx) |

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

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| Availability | Available on all Sebring Touring and Limited models |
| 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 |



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| 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 | 236 g/km (6-atx) |

TRANSAXLE: 40TES, AUTOMATIC FOUR-SPEED OVERDRIVE

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|--------------------|---|
| Availability | Available with 2.4 L 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 |
| 4 th | 0.69 |
| Reverse | 2.21 |
| Final-drive Ratio | 3.91 |
| Overall Top-gear | 2.7 |

TRANSAXLE: 62TE, AUTOMATIC SIX-SPEED OVERDRIVE

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|--------------------|---|
| 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: AISIN BG6 SIX-SPEED MANUAL

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| Availability | Available with 2.0 L turbo-diesel engine |
| Description | Six-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 |

TRANSAXLE: GETRAG MPS6 SIX-SPEED DUAL-CLUTCH AUTOMATIC

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|--------------------|--|
| Availability | Available with 2.0 L turbo-diesel engine |
| Description | Six-speed, overdrive, automated dual-clutch system with lay-shift style gearsets, Auto Stick |
| Gear Ratios | |
| 1st | 3.58 |
| 2nd | 2.05 |
| 3rd | 1.32 |
| 4th | 0.97 |
| 5th | 1.10 |
| 6th | 0.91 |
| Reverse | 4.84 |
| Final-drive Ratio | 4.53 with gears 1-4; 3.24 with gears 5-6 and Reverse |
| Overall Top-gear | 2.95 |

DRIVETRAIN

| | |
|-------------------|---------------------------|
| Front-wheel Drive | Standard with all engines |
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DIMENSIONS AND CAPACITIES

General

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|------------------------------|--|
| Wheelbase | 2765 (108.9) |
| Track, Front | 1570 (61.8) |
| Track, Rear | 1570 (61.8) |
| Overall Length | 4850 (190.6) |
| Overall Width | 1808.4 (71.2) |
| Overall Height | 1497 (59.0) |
| Fuel Tank Capacity, L (gal.) | 64.0 (16.9) |
| Curb Weight, kg (lbs.) | 2.0-liter Turbo-Diesel Engine: 1560 (3432) 2.0-liter Turbo-Diesel Engine (DCT): 1595 (3509) 2.4-liter V-6 Engine: 1480 (3256) 2.7-liter V-6 Engine: 1520 (3344) |



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| Gross Vehicle Weight, kg (lbs.) | 2.0-liter Turbo-Diesel Engine: 2085 (4587) 2.0-liter Turbo-Diesel Engine (DCT): 2085 (4587) 2.4-liter V-6 Engine: 2040 (4488) 2.7-liter V-6 Engine: 2040 (4488) |
| Maximum Trailer Mass (braked), kg (lbs.) | 2.0-liter Turbo-Diesel Engine: 1500 (3300) 2.0-liter Turbo-Diesel Engine (DCT): 1500 (3300) 2.4-liter V-6 Engine: 1000 (2200) 2.7-liter V-6 Engine: 1000 (2200) |
| Maximum Trailer Mass (unbraked), kg (lbs.) | 2.0-liter Turbo-Diesel Engine: 450 (990) 2.0-liter Turbo-Diesel Engine (DCT): 450 (990) 2.4-liter V-6 Engine: 450 (990) 2.7-liter V-6 Engine: 450 (990) |
| Maximum Tongue Load, kg (lbs.) | 2.0-liter Turbo-Diesel Engine: 150 (330) 2.0-liter Turbo-Diesel Engine (DCT): 150 (330) 2.4-liter V-6 Engine: 100 (220) 2.7-liter V-6 Engine: 100 (220) |

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

ACCOMMODATIONS

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|--|---------------|
| Seating Capacity - F/R | 2/3 |
| Total Interior Passenger Volume, cu. m (cu. m) | 2.9 (102.5) |
| Front | |
| Head Room w/o Sun Roof | 1000.1 (39.3) |
| Head Room w/Sun Roof | 946.7 (37.3) |
| Leg Room | 1078 (42.4) |
| Shoulder Room | 1432.9 (56.4) |
| Hip Room | 1357.8 (53.5) |
| Seat Travel | 260 (10.2) |
| Rear | |
| Head Room | 975.6 (38.4) |
| Leg Room | 919.2 (36.1) |
| Shoulder Room | 1431.6 (56.4) |
| Hip Room | 1351.0 (53.2) |
| Knee Clearance | 49.4 (1.9) |
| Cargo | |
| DIN Trunk Volume, cu. m (cu. ft.) | 0.441 (15.57) |

BODY/CHASSIS

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| Layout | Transverse front engine with front-wheel drive |
| Construction | Steel unibody |

SUSPENSION

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