

TECHNICAL SPECIFICATIONS

Chrysler Sebring

The information shown is based on data available at the time of publication (October 20, 2006) and is subject to change without notice. Specifications are valid for Europe and may vary in other markets.

General Information

Body Style	Four-door saloon
Assembly Plant	Sterling Heights Assembly, Michigan, USA

Engines

2.0-litre Petrol World Engine

Availability	Standard on Sebring Touring and Limited
Type and Description	Four cylinders in line, tuned intake manifold with electronic Active Charge Motion Control valves, dual counter-rotating balance shafts
Displacement	2.0 litres (1998cc / 121.9 cu. in.)
Bore x Stroke	86 x 86mm (3.39 x 3.39 in.)
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 aluminium block with dry iron liners, cast aluminium cylinder head, cast aluminium ladder frame, forged steel crankshaft
Compression Ratio	10.5:1
Maximum Power	115 kW (156 hp DIN) @ 6300 rpm
Maximum Torque	190 Nm (140 lb.-ft.) @ 5100 rpm
Maximum Engine Speed	6400 rpm, electronically limited
Fuel Requirement	Unleaded regular, 91 RON octane minimum
Emission Controls	Single catalytic converter, dual heated oxygen sensors and engine features
Emission Class	Euro 4

2.4-litre Petrol World Engine

Availability	Optional on Sebring Touring and Limited
Type and Description	Four cylinders in line, tuned intake manifold with electronic Active Charge Motion Control valves, dual counter-rotating balance shafts
Displacement	2.4 litres (2360cc / 144 cu. in.)
Bore x Stroke	86 x 97mm (3.39 x 3.82 in.)
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 aluminium block with dry iron liners, cast aluminium cylinder head, cast aluminium ladder frame, forged steel crankshaft
Compression Ratio	10.5:1
Maximum Power	125 kW (170 hp DIN) @ 6000 rpm
Maximum Torque	220 Nm (162 lb.-ft.) @ 4500 rpm
Maximum Engine Speed	6400 rpm, electronically limited
Fuel Requirement	Unleaded regular, 91 RON octane
Emission Controls	Single catalytic converter, dual heated oxygen sensors and engine features
Emission Class	Euro 4

2.0-litre Turbo Diesel Engine

Availability	Optional on Sebring Touring and Limited
Type and Description	Four cylinders in line, turbocharged
Displacement	2.0 litres (1968cc/120.1 cu. in.)
Bore x Stroke	81 x 95.5mm (3.19 x 3.76 in.)
Valve System	Belt-driven DOHC, 16 valves, hydraulic lifters
Fuel Injection	Bosch U1-P2 electronically controlled high-pressure direct injection
Construction	Cast iron block, cast aluminium cylinder head, forged steel crankshaft
Compression Ratio	18:1

Maximum Power	103 kW (140 hp DIN) @ 4000 rpm
Maximum Torque	310 Nm (229 lb.-ft.) @ 1750 rpm
Maximum Engine Speed	5000 rpm, electronically limited
Fuel Requirement	Cetane 49 diesel, DIN EN 590
Emission Controls	Cooled EGR, oxidation catalytic converter
Emission Class	Euro 4

Transmissions

Four-speed Automatic

Availability	Standard with 2.4-litre petrol engine
Description	VLP 41TE: Four-speed, overdrive, adaptive electronic control, electronically modulated converter clutch, Auto Stick
Gear Ratios	
1st	2.84
2nd	1.57
3rd	1.0
4th	0.69
Reverse	2.21
Final Drive Ratio	3.91
Overall Top Gear	2.70

Five-speed Manual

Availability	Standard with 2.0-litre petrol engine
Description	MP T355: Five-speed, overdrive, synchronised in all forward ratios, cable-operated, three-plane shifter
Gear Ratios	
1st	3.77
2nd	1.952
3rd	1.363
4th	0.972
5th	0.72
Reverse	3.417
Final Drive Ratio	4.12
Overall Top Gear	3.34

Six-speed Manual

Availability	Standard with 2.0-litre turbo diesel engine
Description	Aisin BG6: Six-speed, overdrive, synchronised 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	Gears 1-4: 4.059; Gears 5-6 and Reverse: 3.450
Overall Top Gear	2.728

Drivetrain

Front-wheel Drive	Standard with all engines
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Suspension

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

Steering

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

Wheels and Tyres

Standard fit equipment listed.

Touring

Wheel Type and Material	Machined and painted cast aluminium
Size	17 x 6.5 in.
Tyre Size and Type	P215/60R17 BSW summer performance
Spare Tyre	Compact

Limited

Wheel Type and Material	Machined and painted cast aluminium
Size	18 x 7 in.
Tyre Size and Type	P215/55R18 BSW summer performance
Spare Tyre	Compact

Brakes

Front

Disc Size and Type	294 x 26mm (11.5 x 1 in.) vented rotor
Calliper Size and Type	57mm (2.2 in.) single-piston, floating
Swept Area	1442 sq. cm (223.5 sq. in)

Rear

Disc Size and Type	262 x 10mm (10.3 x 0.39 in.) solid rotor
Calliper Size and Type	35mm (1.4 in.) single-piston, floating
Swept Area	894.6 sq. cm (138.6 sq. in)

Systems

Power Assistance	204 x 230mm (8 x 9 in.) tandem-diaphragm vacuum
Anti-lock Braking System	Standard
Traction Control System	Standard
Electronic Stability Programme	Standard
Brake Assist System	Standard

Dimensions

Dimensions are in millimetres (inches) unless otherwise noted.

Overall Length	4850 (190.9)
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Overall Width	1843 (72.5) without mirrors
Overall Height	1497 (58.9)
Wheelbase	2765 (108.9)
Track, Front	1570 (61.8)
Track, Rear	1570 (61.8)
Drag Coefficient	0.333

Accommodations

Seating Capacity	Two front, three rear
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Front (SAE standard)

Head Room	1000.1 (39.4) without sun roof; 946.7 (37.3) with sun roof
Leg Room	1078.3 (42.4)
Shoulder Room	1432.9 (56.4)
Hip Room	1357.8 (53.4)
Seat Travel	260 (10.2)

Rear (SAE standard)

Head Room	975.6 (38.4)
Leg Room	919.2 (36.2)
Knee Clearance	49.4 (1.9)
Shoulder Room	1431.5 (56.4)
Hip Room	1351.1 (53.2)

Boot Space (ISO standard)	394 litres (13.9 cu. ft.)
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Weights and Capacities

Figures are in kilogrammes (pounds) unless otherwise noted.

Curb Weight*	1480-1555 (3263-3428) with 2.0-litre petrol engine; 1510-1560 (3329-3439) with 2.4-litre petrol engine; 1560-1635 (3439-3604) with 2.0 CRD engine
Gross Vehicle Weight	2040 (4497)

Maximum Towing Capacity	1000 (2205) with 2.0-litre and 2.4-litre petrol engines; 1500 (3307) with 2.0 CRD engine
Max. Trailer Mass (braked)	1000 (2205) with 2.0-litre and 2.4-litre petrol engines; 1500 (3307) with 2.0 CRD engine
Max. Trailer Mass (unbraked)	450 (992)
Max. Tongue Load	100 (220) with 2.0-litre and 2.4-litre petrol engines; 150 (331) with 2.0 CRD engine
Fuel Tank Capacity	64L (17 U.S. gal.)
Oil Capacity (with new filter)	4.26L (4.5 qt.) with 2.0-litre and 2.4-litre petrol engines; 4.0L (4.2 qt.) with 2.0 CRD engine
Engine Coolant Capacity	7.8L (8.2 qt.), includes heater and coolant bottle filled to max. level

**Weight range from base Touring model to fully optioned Limited model. Does not include 75kg (165 lb.) for driver and fuel*

Fuel Consumption (l/100km, EU standard)

	2.0L Petrol	2.4L Petrol	2.0 CRD
Urban Cycle	10.7	12.3	8.2
Ex-urban Cycle	6.1	6.9	5.1
Combined Cycle	7.8	8.9	6.2
Combined CO ₂ (g/km)	146	211	170