



500 & 500c CANADIAN SPECIFICATIONS

2014 Fiat® 500 & 500c CANADIAN SPECIFICATIONS

Specifications are based on the latest product information available at the time of publication.

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

All dimensions measured at curb weight with standard tires and wheels.

GENERAL INFORMATION

Vehicle Type	Hatchback or cabrio
EnerGuide Vehicle Class	Micro car (hatchback) / Standard Specialty (Cabrio)
Assembly Plant	Toluca (Mexico)
Introduction Date	Spring 2011 as a 2012 model

BODY/CHASSIS

Layout	Transverse-mounted front engine, front-wheel-drive (FWD)
Construction	Unitized steel body

ENGINE: 1.4-LITRE SOHC 16-VALVE MULTIAIR® INLINE FOUR-CYLINDER

Availability	Standard — Fiat® 500 and 500c Pop, Sport and Lounge
Type and Description	Inline four-cylinder, liquid-cooled
Displacement	1,368 cu. cm (83.48 cu. in.)
Bore x Stroke	72.0 x 84.0 (2.83 x 3.31)
Valve System	Belt-driven, MultiAir, SOHC, 16 valves, hydraulic end-pivot roller rockers
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Cast iron block with aluminum-alloy heads and aluminum-alloy bedplate
Compression Ratio	10.8:1
Power	101 bhp @ 6,500 rpm (73.8 bhp/litre)
Torque	98 lb.-ft. @ 4,000 rpm
Max. Engine Speed	6,900 rpm (electronically limited)
Fuel Requirement	87 octane (R+M)/2 acceptable 91 octane recommended
Oil Capacity	3.8 litres (4.0 qt.) with dry filter
Coolant Capacity	4.4 litres (4.6 qt.)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features
Max. Gross Trailer Weight	Not rated for trailer tow



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2013 EnerGuide Fuel Economy L/100km (mpg) City/Hwy	6.4 (44) / 4.9 (58) with 5-speed manual (Hatchback) 6.7 (42) / 5.2 (54) with 5-speed manual (Cabrio) 7.4 (38) / 5.7 (50) with 6-speed automatic
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Engine Assembly Plant	Dundee, Mich.(U.S.A.)
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ENGINE: 1.4-LITRE SOHC 16-VALVE TURBOCHARGED MULTI[®]AIR INLINE FOUR-CYLINDER

Availability	Standard — Fiat 500 Turbo
Type and Description	Inline four-cylinder, liquid-cooled, turbocharged
Displacement	1368 cu. cm (83.48 cu. in.)
Bore x Stroke	72.0 x 84.0 (2.83 x 3.31 in.)
Valve System	Belt-driven, MultiAir, SOHC, 16 valves, hydraulic end-pivot roller rockers
Fuel Injection	Sequential, multiport, electronic, returnless
Construction	Cast-iron block with aluminum-alloy head and aluminum-alloy bedplate
Compression Ratio	9.8:1
Maximum Turbo Boost (psi / bar)	18 psi / 1.24 bar
Power	135 bhp @ 5,500 rpm (98.7 bhp/litre)
Torque	150 lb.-ft. @ 2,500-4,000 rpm
Max. Engine Speed	6,500 rpm (electronically limited)
Fuel Requirement	87 octane (R+M)/2 acceptable 91 octane recommended
Oil Capacity	3.8 litres (4.0 qt.) with dry filter
Coolant Capacity	4.4 litres (4.6 qt.)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features
Max. Gross Trailer Weight	Not rated for trailer tow
2013 EnerGuide Fuel Economy L/100 km (mpg) City/Hwy	7.1 (40) / 5.7 (50)
Engine Assembly Plant	Dundee, Mich. (U.S.A.)

TRANSMISSION: C514 FIVE-SPEED MANUAL

Availability	Standard on 500 and 500c Pop, Sport and Lounge models
Description	1st, 2nd gear: Double Cone 3rd, 4th, 5th, gear: Single Cone
Gear Ratios	
1st	3.909
2nd	2.174
3rd	1.345
4th	0.974



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5th	0.766
Reverse	3.818
Final-drive Ratio	3.44 (500 and 500c Pop and Lounge) 3.73 (500 Sport)
Overall Top Gear	2.63 (500 and 500c Pop and Lounge) 2.85 (500 Sport)

TRANSMISSION: AISIN AUTOMATIC SIX-SPEED OVERDRIVE WITH AUTO STICK

Availability	Optional on 500 and 500c Pop, Sport and Lounge models
Description	Auto Stick driver-interactive manual control and electronically modulated torque converter clutch
Gear Ratios	
1st	4.044
2nd	2.371
3rd	1.556
4th	1.159
5th	0.852
6th	0.672
Reverse	3.193
Final Drive Ratio	4.103
Overall Top Gear	6.01

TRANSMISSION: C510 PERFORMANCE FIVE-SPEED MANUAL

Availability	Standard on Fiat 500 Turbo
Description	1st, 2nd gear: Double Cone 3rd, 4th, 5th, gear: Single Cone
Gear Ratios	
1st	3.909
2nd	2.238
3rd	1.520
4th	1.156
5th	0.872
Reverse	3.909
Final-drive Ratio	3.353
Overall Top Gear	2.92



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ELECTRICAL SYSTEM

Alternator	105-amp — Standard on 500 Pop (with automatic transmission) and 500c Pop, Sport and Lounge models
	120-amp — Standard on 500 Pop (with manual transmission) and 500 Turbo
Battery	500 CCA, maintenance free

SUSPENSION

Front	MacPherson suspension, coil spring with twin-tube shock absorbers and stabilizer bar — included with 500 and 500c Pop and Lounge
	Sport-tuned shock absorbers and springs — included with 500 Sport
	Sport-tuned shock absorbers, springs and performance-designed lower-control arm — included with 500 Turbo
Rear	Rear twist-beam axle with coil springs and twin-tube shock absorbers — included with 500 and 500c Pop and Lounge
	Sport-tuned shock absorbers and springs — included with 500 Sport and 500 Turbo

STEERING

Type	Power rack and pinion with electric power steering (EPS) column
Overall Ratio	16.3:1
Turning Diameter (curb-to-curb)	9.32 m (30.6 ft.)
Steering Turns (lock-to-lock)	3.0

BRAKES mm (in.) unless otherwise noted

Availability	Standard on 500 and 500c Pop and Lounge, 500 Sport
Front	
Rotor size and type	257 x 22 (10.1 x 0.86) vented
Caliper size and type	54 (2.12) single-piston with aluminum housing
Swept area	1,244 sq. cm (193 sq. in.)
Rear	
Rotor size and type	240 x 11 (9.4 x 0.4) solid
Caliper size and type	34 (1.33) single-piston with aluminum housing
Swept area	984 sq. cm (153 sq. in.)



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Availability	Standard on 500 Turbo
Front	
Rotor size and type	282 x 22 (11.1 x 0.86) vented
Caliper size and type	54 (2.12) single-piston with aluminum housing
Swept area	1,244 sq. cm (193 sq. in.)
Rear	
Rotor size and type	240 x 11 (9.4 x 0.4) solid
Caliper size and type	34 (1.33) single-piston with aluminum housing
Swept area	984 sq. cm (153 sq. in.)

DIMENSIONS AND CAPACITIES^(a) mm (in.) unless otherwise noted

Wheelbase	2,300 (90.6)
Track, Front	1,407 (55.4)
Track, Rear	1,397 (55.0)
Overall Length	500/500c — 3,547 (139.6) 500 Turbo — 3667 (144.4)
Overall Width	1,627 (64.1)
Overall Height	1,519 (59.8)
Ground Clearance	500 — 104 (4.1) 500c — 118 (4.6)
Drag Coefficient (Cd)	500 Pop — 0.332 500 Sport and Turbo — 0.362 500 Lounge — 0.359 500c Pop and Lounge — 0.364
Curb Weight	500 with 5-speed manual — 1,074 kg (2,363 lb.) 500 with 6-speed automatic — 1,106 kg (2,434 lb.) 500c with 5-speed manual — 1,094 kg (2,411 lb.) 500c with 6-speed automatic — 1,130 kg (2,486 lb.) 500 Turbo — 1,124 kg (2,477 lb.)
Weight Distribution, per cent Front/Rear	500 with 5-speed manual — 64/36 500 with 6-speed automatic — 66/34 500c with 5-speed manual — 62/38 500c with 6-speed automatic — 63/37 500 Turbo — 65/35
Fuel Tank Capacity	40 litres (8.8 gal.)

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



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ACCOMMODATIONS mm (in.) unless otherwise noted

Seating Capacity, F/R	2/2
Front Seat	
Head room	500 – 989 (38.9) 500 – 956 (37.6) with sunroof 500c – 980 (38.6)
Legroom	1,035 (40.7)
Shoulder room	1,255 (49.4)
Hip room	1,215 (47.9)
Total seat travel	Driver — 210 (8.2) Passenger — 210 (8.2)
Front row interior volume	500 – 1,240 litres (43.8 cu. ft.) 500c – 1,271 litres (44.9 cu. ft.)
Rear Seat	
Head room	500 – 903 (35.6) 500c – 934 (36.8)
Legroom	805 (31.7)
Knee clearance	97 (3.8)
Shoulder room	1,178 (46.4)
Hip room	43 (1083.1)
Second row interior volume	500 – 855.2 litres (30.2 cu. ft.) 500c – 886 litres (31.3 cu. ft.)
Total Interior Volume	500 – 2,409.8 litres (85.1 cu. ft.) 500c – 2,311 litres (81.6 cu. ft.)
Luggage Compartment Volume	500 – 269 litres (9.5 cu. ft.) 500c – 153 litres (5.4 cu. ft.)
Interior Volume Index	500 – 2,140.8 litres (75.6 cu. ft.) 500c – 2,158 litres (76.7 cu. ft.)
Trunk Liftover Height	703.6 (27.7)

TIRES

Availability	Standard on 500 and 500c Pop and Lounge
Size and type	185/55R15 BSW All-season
Mfr. and model	Continental ContiProContact or Firestone Firehawk GTH or Pirelli Cinturato P7 A/S
Revs per km (mile)	563 (906)



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Availability	Standard on 500 Sport and 500 Turbo
Size and type	195/45R16XL BSW All-season
Mfr. and model	Pirelli Cinturato P7 A/S or Continental ContiProContact
Revs per km (mile)	560 (901) or 566 (911)

WHEELS (in.)

Availability	Standard on 500 and 500c Pop
Type and material	Steel wheels with tech silver painted wheel covers
Size	15 x 6.0

Availability	Standard on 500c Lounge
Type and material	Cast-aluminum, five oval spoke design, fully painted tech silver
Size	15 x 6.0

Availability	Standard on 500 Lounge
Type and material	Cast-aluminum, nine split-spoke design, fully painted tech silver
Size	15 x 6.0

Availability	Standard on 500c Lounge
Type and material	Cast-aluminum, seven split-spoke design, fully painted tech silver
Size	15 x 6.0

Availability	Optional on 500 and 500c Lounge
Type and material	Cast-aluminum premium finish, radial design, fully painted premium silver
Size	15 x 6.0

Availability	Standard on 500 Sport
Type and material	Cast-aluminum, polished face with dark mineral grey painted pockets
Size	16 x 6.5

Availability	Standard on 500 Turbo
Type and material	Cast-aluminum, polished face with gloss black painted pockets
Size	16 x 6.5



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Availability	Optional on 500 Sport
Type and material	Cast-aluminum, five split-spoke design with polished face with dark mineral grey painted pockets and Rosso accented centre cap
Size	16 x 6.5
Availability	Optional on 500 Turbo
Type and material	Cast-aluminum, five split-spoke design with Hyper Nero face and Rosso accented centre cap
Size	16 x 6.5

