



## 500 & 500c

CANADIAN SPECIFICATIONS

### 2015 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	Minicompact
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 and Lounge, 500 Sport
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
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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EnerGuide Fuel Economy L/100km (mpg)  
City/Hwy

Fiat 500 Pop, Sport and Lounge:  
7.6 (37) / 5.9 (48) (five-speed manual)  
8.7 (32) / 6.9 (41) (six-speed automatic)

Fiat 500c Pop and Lounge:  
7.9 (36) / 6.3 (45) (five-speed manual)  
8.7 (32) / 6.9 (41) (six-speed automatic)

Engine Assembly Plant

Dundee, Mich. (U.S.A.)

### ENGINE: 1.4-LITRE SOHC 16-VALVE TURBOCHARGED MULTI<sup>AI</sup>AIR<sup>®</sup> INLINE FOUR-CYLINDER

Availability	Standard — Fiat 500 Turbo
Type and Description	Inline four-cylinder, liquid-cooled, turbocharged
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 head and aluminum-alloy bedplate
Compression Ratio	9.8:1
Maximum Turbo Boost	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
EnerGuide Fuel Economy L/100 km (mpg) City/Hwy	8.5 (33) / 6.9 (41) (five-speed manual) 9.6 (29) / 7.3 (39) (six-speed automatic)
Engine Assembly Plant	Dundee, Mich. (U.S.A.)



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### TRANSMISSION: C514 FIVE-SPEED MANUAL

Availability	Standard on 500 and 500c Pop and Lounge, 500 Sport
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
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 and Lounge, 500 Sport and Turbo
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	2.76

### 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



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3rd	1.520
4th	1.156
5th	0.872
Reverse	3.909
Final-drive Ratio	3.353
Overall Top Gear	2.92

### ELECTRICAL SYSTEM

Alternator	120-amp — Standard on 500 and 500c Pop and Lounge, 500 Sport and 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.)



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### 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.)
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<sup>(a)</sup>** **mm (in.) unless otherwise noted**

Wheelbase	2,301 (90.6)
Track, Front	1,407 (55.4)
Track, Rear	1,397 (55.0)
Overall Length	500/500c — 3,546 (139.6) 500 Turbo — 3,668 (144.4)
Overall Width	1,628 (64.1)
Overall Height	1,519 (59.8)
Ground Clearance	500 — 114 (4.5) 500c — 117 (4.6)
Drag Coefficient (Cd)	500 Pop — 0.332 500 Sport/Turbo — 0.362 500 Lounge — 0.359 500c Pop and Lounge — 0.364
Curb Weight	500 with five-speed manual — 1,073 kg (2,366 lb.) 500 with six-speed automatic — 1,112 kg (2,452 lb.) 500c with five-speed manual — 1,100 kg (2,424 lb.) 500c with six-speed automatic — 1,139 kg (2,511 lb.) 500 Turbo with five-speed manual — 1,136 kg (2,505 lb.) 500 Turbo with six-speed automatic — 1,168 kg (2,576 lb.)



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Weight Distribution, per cent Front/Rear	500 with five-speed manual — 63/37 500 with six-speed automatic — 65/35 500c with five-speed manual — 62/38 500c with six-speed automatic — 64/36 500 Turbo with five-speed manual — 65/35 500 Turbo with six-speed automatic — 66/34
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Fuel Tank Capacity,	40 litres (8.8 gal.)
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(a) All dimensions measured at curb weight with standard tires.

### ACCOMMODATIONS

mm (in.) unless otherwise noted

Seating Capacity, F/R	2/2
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#### Front Seat

Headroom	500 — 989 (38.9) 500 with sunroof — 955 (37.6) 500c — 980 (38.6)
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Legroom	1,034 (40.7)
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Shoulder room	1,255 (49.4)
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Hip room	1,217 (47.9)
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Total seat travel	Driver — 208 (8.2) Passenger — 208 (8.2)
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Front row interior volume	500 — 1,283 litres (45.3 cu. ft.) 500c — 1,271 litres (44.9 cu. ft.)
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#### Rear Seat

Head room	500 — 904 (35.6) 500c — 935 (36.8)
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Legroom	805 (31.7)
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Shoulder room	1,179 (46.4)
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Hip room	1,082 (42.6)
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Second row interior volume	500 — 855 litres (30.2 cu. ft.) 500c — 886 litres (31.3 cu. ft.)
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Total Passenger Interior Volume	500 — 2,138 litres (75.5 cu. ft.) 500c — 2,158 litres (76.2 cu. ft.)
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Luggage Compartment Volume	500 — 269 litres (9.5 cu. ft.) 500c — 153 litres (5.4 cu. ft.)
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Interior Volume Index	500 — 2,404 litres (84.9 cu. ft.) 500c — 2,311 litres (81.6 cu. ft.)
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Trunk Liftover Height	704 (27.7)
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### 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)	906 (563)
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)	901 (560) or 911 (566)

### 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	Optional on 500 and 500c Pop
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



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

