

## 2012 FIAT 500c

# CANADIAN SPECIFICATIONS

Dimensions are in millimetres (inches) unless otherwise noted.

### GENERAL INFORMATION

Body Style	Convertible
Assembly Plant	Toluca, Mexico
Polk Vehicle Class	Small Car
Introduction Date	Spring 2011 as a 2012 model

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

Availability	Standard — 500c Pop and 500c Lounge
Type and Description	Inline four-cylinder, liquid-cooled
Displacement, cu. cm (cu. in.)	1368 (83.48)
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, multi-port, 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, L (qt.)	3.8 (4.0) with dry filter
Coolant Capacity, L (qt.)	14.4 (4.6)
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	6.7 (42)/5.1(55)(5-speed manual) 7.4 (38)/5.7(50) (6-speed automatic)
Engine Assembly Plant	GEMA Engine Plant, Dundee, Michigan, USA

**TRANSMISSION: AISIN AUTOMATIC SIX-SPEED OVERDRIVE WITH AUTO/STICK™**

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

**TRANSMISSION: C514 FIVE-SPEED MANUAL**

Availability	Standard on 500c Pop and 500c Lounge
Description	1st, 2nd gear: Double Cone 3rd, 4th, 5th, gear: Single Cone
<b>Gear Ratios</b>	
1 <sup>st</sup>	3.909
2 <sup>nd</sup>	2.158
3 <sup>rd</sup>	1.345
4 <sup>th</sup>	0.974
5 <sup>th</sup>	0.766
Reverse	3.818
Final-drive Ratio	3.733

**ELECTRICAL SYSTEM**

Alternator	105-amp — Standard all
Battery	500 CCA, maintenance free

**DIMENSIONS AND CAPACITIES<sup>(d)</sup>**

Wheelbase	2,300 (90.6)
Track, Front	1,406 (55.4)
Track, Rear	1,397 (55.0)
Overall Length	3,546 (139.6)
Overall Width	1,627 (64.1)
Overall Width (with side mirrors)	1866 (73.5)
Overall Height	1,519 (59.8)
Ground Clearance	118 (4.6)
Drag Coefficient (Cd)	0.38
Curb Weight, kg (lb.)	1,098 (2,416)— 5-MTX 1,130 (2,486)— 6-ATX
Weight Distribution, percent F/R	62/38 — 5-MTX 63/37 — 6-ATX
Fuel Tank Capacity, L (imp. gal.)	40 (8.8)

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

**ACCOMMODATIONS**

Seating Capacity, F/R	2/2
Front Seat	
Head room	980 (38.6)
Legroom	1,034 (40.7)
Shoulder room	1,254 (49.4)
Hip room	1,215 (47.9)
Total seat travel	Driver — 210 (8.2) Passenger — 210 (8.2)
Front row interior volume, L (cu. ft.)	1,271 (44.9)
Rear Seat	
Head room	934 (36.8)
Legroom	805 (31.7)
Shoulder room	1,177 (46.4)
Hip room	1083 (42.0)
Second row interior volume, L (cu. ft.)	886 (31.3)
Total Interior Volume, L (cu. ft.)	2,311 (81.6)
Luggage Compartment Volume, L (cu. ft.)	153 (5.4)
Interior Volume Index, L (cu. ft.)	2,158 (76.2)
Trunk Lifter Height	703 (27.7)

**BODY**

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

**SUSPENSION**

Front	MacPherson suspension, coil spring with twin-tube shock absorbers and stabilizer bar
Rear	Rear twist-beam axle with coil springs and twin-tube shock absorbers

**STEERING**

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

**TIRES**

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

**WHEELS**

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

Availability	Optional on 500c Pop
Type and material	Cast-aluminum, five oval spoke design, tech silver
Size	15 x 6.0

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

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

**BRAKES**

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

