



# FIAT 500 ABARTH Canadian Specifications

## New 2012 Fiat 500 Abarth CANADIAN SPECIFICATIONS

Dimensions are in millimetres (inches) unless otherwise noted.

### GENERAL INFORMATION

Body Style	Hatchback
EnerGuide Vehicle Class	Subcompact
Assembly Plant	Toluca, Mexico
Introduction Date	First half of 2012 as a 2012 model

### ENGINE: 1.4 -LITRE SOHC 16 -VALVE TURBOCHARGED MULTI AIR INLINE FOUR-CYLINDER

Availability	Standard —Fiat 500 Abarth
Type and Description	Inline four-cylinder, liquid-cooled
Displacement, cu. cm (cu.in.)	1368 (83.48)
Bore x Stroke	72.0 x 84.0mm (2.83x3.31 in).
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 head and aluminum-alloy bedplate
Compression Ratio	9.8:1
Power	160 bhp @ 5,500 rpm (117 bhp/L)
Torque	170 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, L (qt.)	3.8 (4.0) with dry filter
Coolant Capacity, L (qt.)	4.4 (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)	TBD/TBD
Engine Assembly Plant	GEMA Engine Plant, Dundee, Mich, USA



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## TRANSMISSION: C510 PERFORMANCE FIVE-SPEED MANUAL

Availability	Standard on Fiat 500 Abarth
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>	2.238
3 <sup>rd</sup>	1.520
4 <sup>th</sup>	1.156
5 <sup>th</sup>	0.872
Reverse	3.909
Final-drive Ratio	3.353

## ELECTRICAL SYSTEM

Alternator	140-amp
Battery	500 CCA, maintenance free

## DIMENSIONS AND CAPACITIES (a)

Wheelbase	2300 (90.6)
Track, Front	1406.8 (55.4)
Track, Rear	1397.0 (55.0)
Overall Length	3667.3 (144.4)
Overall Width	1627.0 (64.1) 1866.0 (73.5) with side mirrors
Overall Height	1502.4 (59.2 ) to antenna base 1490.3 (58.7) to roof
Ground Clearance	103.7(4.1)
Drag Coefficient (Cd)	0.367
Curb Weight, kg (lb.)	1151.3(2,533) — 5-MTX
Weight Distribution, percent F/R	64/36 —5-MTX
Fuel Tank Capacity, L(U.S. gal.)	40 (10.5)

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

## ACCOMMODATIONS (Estimated)

Seating Capacity, F/R	2/2
Front Seat	
Head room	989.1(38.9) 956.3 (37.6) with sunroof
Legroom	1034.8(40.7)
Shoulder room	1254.8(49.4)



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Hip room	1215.3(47.8)
Total seat travel	Driver—210.0( 8.2) Passenger —210.0( 8.2)
Front row interior volume, L (cu. ft.)	1282 (45.3)
Rear Seat	
Head room	902.9(35.5)
Legroom	805.1(31.7)
Knee clearance	96.5(3.8)
Shoulder room	1177.5(46.4)
Hip room	1083.1(42.6)
Second row interior volume, L (cu. ft.)	855 (30.2)
Total Interior Volume, L (cu. ft.)	2404 (84.9)
Luggage Compartment Volume, L (cu. ft.)	269 (9.5) 759 (26.8) with rear seats folded
Interior Volume Index, L (cu. ft.)	2138 (75.5)
Trunk Lifter Height	690.2 (27.2)

## BODY

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

## SUSPENSION

Front	MacPherson suspension, coil spring with KONI® Frequency Selective Damping (FSD) twin-tube shock absorbers and stabilizer bar
Rear	Rear twist-beam axle with coil springs and twin-tube shock absorbers with stabilizer bar

## STEERING

Type	Power rack and pinion with electric power steering (EPS) column
Overall Ratio	15.5:1
Turning Diameter (curb-to-curb), m (ft.)	11.45(37.6)
Steering Turns (lock-to-lock)	2.3

## TIRES

Availability	Standard on Fiat500Abarth
Size and type	195/45R16XL BSW all-season
Mfr. and model	Pirelli Cinturato P7 A/S
Revs per km (mile)	560(901)



# FIAT 500 ABARTH Canadian Specifications

Availability	Optional on Fiat 500 Abarth
Size and type	205/40R17 BSW Three – season
Mfr. and model	Pirelli P-Zero Nero Three - season
Revs per km (mile)	545(877)

## WHEELS

Availability	Standard on Fiat500 Abarth
Type and material	Cast-aluminum, polished face with dark mineral grey painted pockets
Size	16 x 6.5
Availability	Optional on Fiat 500 Abarth
Type and material	Forged-aluminum painted Hyper Black or optional Gloss White
Size	17 x 7.0

## BRAKES

### Front

Rotor size and type, in. (mm)	11.1 x 0.86 (282 x 22) vented
Caliper size and type, in. (mm)	2.12 (54) single-piston with aluminum housing
Swept area, sq.cm (sq.in.)	1244(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)

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