

**2017 Fiat 500 Abarth / 500c Abarth****SPECIFICATIONS****EMBARGO DATE: 12:01 a.m. September 1, 2016***Specifications are based on the latest product information available at the time of publication.**All dimensions are in inches (millimeters) unless otherwise noted.**All dimensions measured at curb weight with standard tires and wheels.***GENERAL INFORMATION**

Vehicle Type	A-segment hatchback (500) and cabrio (500c)
EPA Vehicle Class	Mini-compact
Assembly Plant	Toluca, Mexico
Original Introduction Date	Fiat 500 Abarth: Spring 2012 as a 2012 model Fiat 500c Abarth: Spring 2013 as a 2013 model

BODY AND CHASSIS

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

ENGINE: 1.4-LITER TURBOCHARGED MULTIAIR I-4

Availability	Standard — Fiat 500 Abarth and 500c Abarth
Type and Description	Inline four-cylinder, liquid-cooled, turbocharged
Displacement	83.48 cu. in. (1,368 cu. cm)
Bore x Stroke	2.83 x 3.31 (72.0 x 84.0)
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 (SAE)	160 hp (119 kW) @ 5,500 rpm (117 hp/liter) (with five-speed manual) 157 hp (117 kW) @ 5,500 rpm (114.8 hp/liter) (with six-speed automatic)
Torque (SAE)	170 lb.-ft. (230 N•m) @ 2,500-4,000 rpm (with five-speed manual) 183 lb.-ft. (248 N•m) @ 2,400-4,000 rpm (with six-speed automatic)
Max. Engine Speed	6,500 rpm (electronically limited)



Fuel Requirement	87 octane (R+M)/2 acceptable 91 octane recommended
Oil Capacity	4.0 quarts (3.8 liters) with dry filter
Coolant Capacity	4.6 quarts (14.4 liters)
Emission Controls	Dual three-way catalytic converters, heated oxygen sensors and internal engine features ^(a)
Max. Gross Trailer Weight	Not rated for trailer tow
Estimated EPA Fuel Economy mpg (city/highway/combined)	28 / 34 / 31 with five-speed manual transmission 24 / 32/ 27 with six-speed automatic transmission
Engine Assembly Plant	Dundee, Mich.

(a) Meets Federal Tier 2 Bin 5 emission requirements and LEV II requirements in California, Massachusetts, New York, Maine, Vermont, Connecticut, Pennsylvania, Rhode Island, New Jersey, Oregon and Washington.

TRANSMISSION: C510 PERFORMANCE FIVE-SPEED MANUAL

Availability	Standard — Fiat 500 Abarth and 500c Abarth
Description	1st, 2nd gear: Double Cone 3rd, 4th, 5th, gear: Single Cone
Gear Ratios	
1 st	3.909
2 nd	2.238
3 rd	1.520
4 th	1.156
5 th	0.872
Reverse	3.909
Final-drive Ratio	3.353

TRANSMISSION: AISIN SIX-SPEED AUTOMATIC

Availability	Optional — Fiat 500 Abarth and 500c Abarth
Description	Auto Stick driver-interactive manual control and electronically modulated torque converter clutch
Gear Ratios	
1 st	4.04
2 nd	2.37
3 rd	1.56
4 th	1.16
5 th	0.85
6th	0.67



Reverse	3.19
Final-drive Ratio	3.50
Overall Top Gear	2.35
Turning Diameter (curb-to-curb)	37.6 ft. (11.45 m)
Steering Turns (lock-to-lock)	2.3

BRAKES

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

DIMENSIONS AND CAPACITIES^(b)

Wheelbase	90.6 (2,300)
Track, Front	55.4 (1,406.8)
Track, Rear	55.0 (1,397.0)
Overall Length	144.4 (3,667.3)
Overall Width	64.1 (1,627.0)
	73.5 (1,866.0) with side mirrors
Overall Height	500 Abarth: 59.2 (1,502) to antenna base
	500 Abarth: 58.7 (1,490) to roof
	500c Abarth: 59.2 (1,504) to roof
Ground Clearance	500 Abarth: 4.1 (103.7)
	500c Abarth: 4.6 (117.2)
Drag Coefficient (Cd)	500 Abarth: 0.352 — with 16-in. wheels
	500 Abarth: 0.365 — with 17-in. wheels
	500c Abarth: 0.352 — with 16-in. wheels
	500c Abarth: 0.365 — with 17-in. wheels
Curb Weight, lb. (kg)	500 Abarth: 2,512 (1,141.8)
	500c Abarth: 2,545 (1,154.2)
Weight Distribution, % F/R	500 Abarth: 64/36
	500c Abarth: 64/36



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Fuel Tank Capacity, gallon (liter)	10.5 (40)
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(b) All dimensions measured at curb weight with standard tires.

ACCOMMODATIONS (Estimated)

Seating Capacity, F/R	2/2
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Front Seat

Headroom	500 Abarth: 38.9 (989.1)
	500 Abarth: 37.6 (956.3) with sunroof
	500c Abarth: 38.6 (979.9)

Legroom	500 Abarth: 40.7 (1,034.8)
	500c Abarth: 40.7 (1,034.8)

Shoulder Room	500 Abarth: 49.4 (1,254.8)
	500c Abarth: 49.4 (1,254.8)

Hip Room	500 Abarth: 47.8 (1,215.3)
	500c Abarth: 47.8 (1,215.3)

Total seat travel	500 Abarth: Driver — 8.2 (210.0)
	500 Abarth: Passenger — 8.2 (210.0)

EPA Front Row Interior Volume, cu. ft. (cu. m)	500 Abarth: 45.3 (1.282)
	500c Abarth: 44.9 (1.27)

Rear Seat

Headroom	500 Abarth: 35.5 (902.9)
	500c Abarth: 36.8 (933.9)

Legroom	500 Abarth: 31.7 (805.1)
	500c Abarth: 31.7 (805.1)

Shoulder Room	500 Abarth: 46.4 (1,177.5)
	500c Abarth: 46.4 (1,178.5)

Hip Room	500 Abarth: 42.6 (1,083.1)
	500c Abarth: 42.6 (1,083.1)

EPA Second Row Interior Volume, cu. ft. (cu. m)	500 Abarth: 30.2 (0.856)
	500c Abarth: 31.3 (0.886)

Total Passenger Interior Volume, cu. ft. (cu. m)	500 Abarth: 75.5 (2.137)
	500c Abarth: 76.2 (2.159)

EPA Luggage Compartment Volume, cu. ft. (cu. m)*	500 Abarth: 9.5 (0.268)
	500 Abarth: 26.8 (0.759) with rear seats folded
	500c Abarth: 5.4 (0.152)
	500c Abarth: 23.4 (0.663) with rear seats folded

EPA Interior Volume Index, cu. ft. (cu. m)	500 Abarth: 84.9 (2.405)
	500c Abarth: 81.6 (2.31)



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Trunk Lifter Height	500 Abarth: 27.2 (690.2)
	500c Abarth: 27.7 (705.0)

* BeatsAudio system reduces compartment volume by 0.6 cu. ft. (0.016 cu. m)

WHEELS

Availability	Standard — Fiat 500 Abarth and 500c Abarth
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Type and material	Cast-aluminum, fully painted
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Size	16 x 6.5
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Availability	Optional — Fiat 500 and 500c Abarth
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Type and material	Forged-aluminum with Hyper Nero (black) or Bronze painted
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Size	17 x 7.0
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TIRES

Availability	Standard — Fiat 500 Abarth and 500c Abarth
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Size and type	195/45R16 XL 84V BSW All-season
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Mfr. and model	Pirelli Cinturato P7 A/S
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Revs per mile (km)	901 (560)
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Availability	Optional — Fiat 500 Abarth and 500c Abarth
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Size and type	205/40R17 XL 84W BSW
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Mfr. and model	Pirelli P-Zero Nero Three-season
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Revs per mile (km)	877 (545)
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