



2016 FIAT 500 ABARTH / 500c ABARTH SPECIFICATIONS

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*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)



2016 FIAT 500 ABARTH / 500c ABARTH SPECIFICATIONS

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
2nd	2.37
3rd	1.56
4th	1.16
5th	0.85
6th	0.67



2016 FIAT 500 ABARTH / 500c ABARTH SPECIFICATIONS

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



2016 FIAT 500 ABARTH / 500c ABARTH SPECIFICATIONS

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)



2016 FIAT 500 ABARTH / 500c ABARTH SPECIFICATIONS

Trunk Liftover 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
Type and material	Cast-aluminum, fully painted
Size	16 x 6.5

Availability	Optional — Fiat 500 and 500c Abarth
Type and material	Forged-aluminum with Hyper Nero (black) or Bronze painted
Size	17 x 7.0

TIRES

Availability	Standard — Fiat 500 Abarth and 500c Abarth
Size and type	195/45R16 XL 84V BSW All-season
Mfr. and model	Pirelli Cinturato P7 A/S
Revs per mile (km)	901 (560)

Availability	Optional — Fiat 500 Abarth and 500c Abarth
Size and type	205/40R17 XL 84W BSW
Mfr. and model	Pirelli P-Zero Nero Three-season
Revs per mile (km)	877 (545)

