

New 2012 FIAT 500

CANADIAN SPECIFICATIONS

Dimensions are in millimetres (inches) unless otherwise noted.

GENERAL INFORMATION

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

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

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

TRANSMISSION: C514 FIVE-SPEED MANUAL

Availability	Standard on 500 Pop, 500 Sport and 500 Lounge
Description	1st, 2nd gear: Double Cone 3rd, 4th, 5th, gear: Single Cone
Gear Ratios	
1 st	3.909
2 nd	2.158
3 rd	1.345
4 th	0.974
5 th	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^(d)

Wheelbase	2,300 (90.6)
Track, Front	1,407 (55.4)
Track, Rear	1,397 (55.0)
Overall Length	3,547 (139.6)
Overall Width	1,627 (64.1)
Overall Height	1520 (59.8)
Ground Clearance	104 (4.1)
Drag Coefficient (Cd)	0.35
Curb Weight, kg (lb.)	1,074.0 (2,363)— 5-MTX 1,106.4 (2,434)— 6-ATX
Weight Distribution, percent F/R	64/36 — 5-MTX 66/34 — 6-ATX
Fuel Tank Capacity, Litres (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	989 (38.9) 956 (37.6) with sunroof
Legroom	1,035 (40.7)
Shoulder room	1,255 (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.)	1,240 (43.8)
Rear Seat	
Head room	903 (35.6)
Legroom	805 (31.7)
Knee clearance	97 (3.8)
Shoulder room	1178 (46.4)
Hip room	43 (1083.1)
second row interior volume, L (cu. ft.)	855 (30.2)
Total Interior Volume, L (cu. ft.)	2,010 (85.1)
Luggage Compartment Volume, L (cu. ft.)	269 (9.5)
Interior Volume Index, L (cu. ft.)	2,141 (75.6)
Trunk Lifter Height	704 (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 — included with 500 Pop and 500 Lounge Sport-tuned shock absorbers and springs — included with 500 Sport
Rear	Rear twist-beam axle with coil springs and twin-tube shock absorbers — included with 500 Pop and 500 Lounge Sport-tuned shock absorbers and springs — included with 500 Sport

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 500 Pop and 500 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)

Availability	Standard on 500 Sport
Size and type	195/45R16XL BSW all-season
Mfr. and model	Pirelli Cinturato P7 A/S or Continental ContiProContact
Revs per km (mile)	560 (901) or 566 (911)

WHEELS

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

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

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

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

Availability	Standard on 500 Sport
Type and material	Cast-aluminum, polished face with dark mineral grey pockets
Size	16 x 6.5

BRAKES

Front

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)

