



All-new 2014 FIAT 500L

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SPECIFICATIONS (Preliminary)

Dimensions are in inches (millimeters) unless otherwise noted.

GENERAL INFORMATION

Vehicle Type	B-segment multipurpose vehicle (MPV)
EPA Vehicle Class	Large Car
Assembly Plant	Kragujevac, Serbia
Introduction Date	Mid-2013 as a 2014 model

BODY/CHASSIS

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

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

Availability	Standard — 500L Pop, Easy, Trekking and Lounge models
Type and Description	Inline four-cylinder, liquid-cooled, turbocharged
Displacement	83.48 cu. in. (1368 cu. cm)
Bore x Stroke	2.83 x 3.31 in. (72.0 x 84.0 mm)
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
Maximum Turbo Boost (psi / bar)	21 psi / 1.45 bar
Power (SAE)	160 bhp (119 kW) @ 5,500 rpm (117 bhp/liter)
Torque (SAE)	184 lb.-ft. (250 N·m) @ 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	4.0 qt. (3.8-liter) with dry filter
Coolant Capacity	4.6 qt. (14.4-liter)
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)	TBD / TBD / TBD with six-speed manual transmission TBD / TBD / TBD with six-speed dual dry clutch transmission (DDCT)
Engine Assembly Plant	Termoli, Italy

^(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.

C635 SIX-SPEED MANUAL TRANSMISSION

Availability	Standard on 500L Pop, Easy and Trekking
Description	1st, 2nd gear: Double Cone 3rd, 4th, 5th, 6th gear: Single Cone
Gear Ratios	
1 st	4.154
2 nd	2.118
3 rd	1.365
4 th	0.978
5 th	0.756
6 th	0.622
Reverse	4.000
Final-drive Ratio	3.83
Overall Top Gear	2.38

C635 SIX-SPEED DUAL-DRY CLUTCH TRANSMISSION (DDCT)

Availability	Optional on 500L Pop, Easy and Trekking Standard on 500L Lounge
Description	1st, 2nd gear: Double Cone 3rd, 4th, 5th, 6th gear: Single Cone
Gear Ratios	
1 st	4.154
2 nd	2.269
3 rd	1.435
4 th	0.978
5 th	0.755
6 th	0.622
Reverse	3.909
Final-drive Ratio	4.118
Overall Top Gear	2.56

ELECTRICAL SYSTEM

Alternator	150-amp — Standard
Battery	500 CCA, maintenance free

SUSPENSION

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

STEERING

Type	Power rack and pinion with electric power steering (EPS) column
Overall Ratio	17.2:1
Turning Diameter (curb-to-curb)	32.3 ft. (10.7 m)
Steering Turns (lock-to-lock)	3.0

BRAKES

Availability	Standard on all 500L models
Front	
Rotor size and type	12.0 x 1.10 (305 x 28) vented
Caliper size and type	2.24 (57) single-piston with cast iron
Swept area	345 sq. in. (876.1 sq. cm)
Rear	
Rotor size and type	10.4 x 0.4 (264 x 10) solid
Caliper size and type	1.49 (38) single-piston with aluminum housing
Swept area	233 sq. in. (591.8 sq. cm)

DIMENSIONS AND CAPACITIES^(a)

Wheelbase	102.8 (2612)
Track, Front	59.1 (1502)
Track, Rear	55.4 (1510)
Overall Length	167.1 (4246)
Overall Width	69.8 (1774) — without mirrors
Overall Height	65.7 (1670)
Ground Clearance	4.7 (120)
Drag Coefficient (Cd) (estimated)	0.310 — 500L Pop/Easy/Lounge 0.320 — 500L Trekking
Curb Weight, lb. (kg) (estimated)	3,203 (1,453) — 500L with 6-MTX 3,254 (1,476) — 500L with 6-DDCT
Weight Distribution, percent F/R	61/39 — 500L with 6-MTX 61/39 — 500L with 6-DDCT
Fuel Tank Capacity, gal. (L)	13.2 (50)

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

ACCOMMODATIONS

Seating Capacity, F/R	2/3
Front Seat	
Head room	40.7 (1035) 40.2 (1020) with dual-pane sunroof
Legroom	40.4 (1028)
Shoulder room	57.3 (1456)
Hip room	53.6 (1362)
Total seat travel	8.3 (210) — Driver
EPA front row interior volume	9.0 (230) — Passenger 54.6 cu. ft. (1,545 cu. m)
Rear Seat	
Head room	38.9 (990) 38.3 (973) with dual-pane sunroof
Legroom	30.7 (780)
Shoulder room	54.6 (1387)
Hip room	53.0 (1346)
Total seat travel	4.7 (120)
EPA second row interior volume	45.1 cu. ft. (1,277 cu. m)
Total Interior Volume	99.7 cu. ft. (2,822 cu. m)
EPA Luggage Compartment Volume	23.1 cu. ft. (0,655 cu. m)
EPA Interior Volume Index	122.8 cu. ft. (3,477 cu. m)
Trunk Lifter Height	26.2 (665)

TIRES

Availability	Standard on 500L Pop, Easy and Lounge
Size and type	205/55R16 BSW All-season
Mfr. and model	Continental Conti ProContact or Good year Eagle LS2
Revs per mile (km)	836 (423)

Availability	Standard on 500L Trekking Included with 17-in. wheels on 500L Lounge
Size and type	225/45R17 BSW All-Season
Mfr. and model	Continental Conti ProContact or Good year Eagle LS2
Revs per mile (km)	832 (520)

WHEELS

Availability	Standard on 500L Pop
Type and material	Steel wheels with Argento (silver) painted wheel covers
Size	16 x 6.5-in.

Availability	Standard on 500L Easy
Type and material	Cast-aluminum, 13 spoke radial design, fully painted Argento (silver)
Size	16 x 6.5-in.

Availability	Standard on 500L Lounge Optional on 500L Easy
Type and material	Cast-aluminum, 7 oval-twist spoke design, painted Argento (silver) with Grigio pockets
Size	16 x 6.5-in.

Availability	Standard on 500L Trekking
Type and material	Cast-aluminum, 7 hole design, machined face with painted Grigio pockets
Size	17 x 7.0-in.

Availability	Optional on 500L Lounge
Type and material	Cast-aluminum, 5 oval design, painted Argento (silver) with Grigio pockets
Size	17 x 7.0-in.

Availability	Optional on 500L Lounge
Type and material	Cast-aluminum, 7 dual-twist spoke design, painted Argento (silver) with Nero (black) pockets (must have optional Nero painted roof)
Size	17 x 7.0-in.

Availability	Optional on 500L Lounge
Type and material	Cast-aluminum, 7 dual-twist spoke design, painted Argento (silver) with Bianco (white) pockets (must have optional Bianco painted roof)
Size	17 x 7.0-in.

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