

Fiat 500L

Technical specifications

ENGINE	1.4 16v FIRE 95 CV Pop - Pop Star Lounge	0.9 TwinAir Turbo 105 CV Lounge	1.4 16v T-Jet 120 CV Lounge	1.3 16v MultiJet II 85 CV Pop - Pop Star	1.3 16v MultiJet II 85 CV Dualogic™ Pop Star Lounge	1.6 16v MultiJet II 105 CV Pop Star Lounge	0.9 TwinAir Turbo 80 CV Natural Power Pop - Pop Star Lounge		1.4 16v T-Jet 120 CV GPL		
							METHANE	PETROL	LPG	PETROL	
No. of cylinders, layout	4, in line	2, in line	4, in line	4, in line	4, in line	4, in line	2, in line		4, in line		
Bore x stroke (mm)	72 x 84	80.5 x 86	72 x 84	69.6 x 82	69.6 x 82	79.5 x 80.5	80.5 x 86		72 x 84		
Displacement (cm³)	1368	875	1368	1248	1248	1598	875		1368		
Compression ratio	11.1	10.1	9.8:1	16.8:1	16.8:1	16.5:1	10:1		9.8:1		
EC max. power (HP/kW) at rpm	95/70 at 6000	105/77 at 5500	120/88 at 5000	85/62 at 3500	85/62 at 3500	105/77 at 3750	88/120 at 3750	80/59 at 5500	85/62 at 5500	120/88 at 5000	120/88 at 5000
EC max. power (HP/kW) at rpm in ECO mode	–	98/72 at 5750	–	–	–	–	–	–	–	–	–
Max. torque (Nm) at rpm	127 at 4500	145 at 2000	215 at 2500	200 at 1500	200 at 1500	320 at 1750	320 at 1750	140 at 2500	145 at 2000	215 at 2500	215 at 2500
Max. torque (Nm) at rpm in ECO mode	–	120 at 1750	–	–	–	–	–	–	–	–	–
Supply	petrol, multipoint electronic injection	petrol, multipoint electronic injection, turbocharger	petrol, multipoint electronic injection, turbocharger	diesel, electronically controlled Common Rail direct injection, turbocharger	diesel, electronically controlled Common Rail direct injection, turbocharger	diesel, electronically controlled Common Rail direct injection, turbocharger	diesel, electronically controlled Common Rail direct injection, turbocharger	methane, multipoint electronic injection, turbocharger	petrol, multipoint electronic injection, turbocharger	LPG, multipoint electronic injection, turbocharger	petrol, multipoint electronic injection, turbocharger
Timing	double overhead camshafts, 16 valves (toothed belt)	single overhead camshaft with MultiAir system, 8 valves (chain)	double overhead camshafts, 16 valves (toothed belt)	double overhead camshafts, 16 valves (chain)	double overhead camshafts, 16 valves (chain)	double overhead camshafts, 16 valves (toothed belt)	double overhead camshafts, 16 valves (toothed belt)	single overhead camshaft with MultiAir system, 8 valves (chain)	double overhead camshafts, 16 valves (toothed belt)	double overhead camshafts, 16 valves (toothed belt)	double overhead camshafts, 16 valves (toothed belt)
Start&Stop system	NO	YES	NO	YES	YES	YES	YES	NO	NO	NO	NO
DIMENSIONS											
Seats	5	5	5	5	5	5	5	5	5	5	5
Doors	5	5	5	5	5	5	5	5	5	5	5
Length - width (mm)	4147 - 1784	4147 - 1784	4147 - 1784	4147 - 1784	4147 - 1784	4147 - 1784	4147 - 1784	4147 - 1784	4147 - 1784	4147 - 1784	4147 - 1784
Height (mm)	1665	1665	1665	1665	1665	1665	1665	1678	1665	1665	1665
Wheelbase (mm)	2612	2612	2612	2612	2612	2612	2612	2612	2612	2612	2612
Front - rear track (mm)	1522 - 1519	1522 - 1519	1522 - 1519	1522 - 1519	1522 - 1519	1522 - 1519	1522 - 1519	1522 - 1519	1522 - 1519	1522 - 1519	1522 - 1519
Luggage compartment capacity (litres); rear seat back - rear seat forward - rear seat folded - rear seat folded back	412 - 455 1480 - 1375	412 - 455 1480 - 1375	412 - 455 1480 - 1375	412 - 455 1480 - 1375	412 - 455 1480 - 1375	412 - 455 1480 - 1375	412 - 455 1480 - 1375	330 - 396 1380 - 1275	330 - 396 1380 - 1275	330 - 396 1380 - 1275	330 - 396 1380 - 1275
ELECTRICAL SYSTEM											
Battery capacity (Ah)	50	63	50	63	63	63	72	50	50	63	63
TRANSMISSION											
Drive	front	front	front	front	front	front	front	front	front	front	front
Gearbox/transmission	6-speed manual	6-speed manual	6-speed manual	5-speed manual	Dualogic™ robotised automatic	6-speed manual	6-speed manual	6-speed manual	6-speed manual	6-speed manual	6-speed manual
Final drive torque	4,923	4,923	3,833	3,563	3,563	3,579	3,579	4,923	4,923	3,833	3,833
WHEELS											
15" tyre size	195/65 R15	195/65 R15	–	195/65 R15	195/65 R15	–	–	–	–	–	–
15" rim size	15" x 6J	15" x 6J	–	15" x 6J	15" x 6J	–	–	–	–	–	–
16" tyre size	205/55 R16	205/55 R16	205/55 R16	205/55 R16	205/55 R16	205/55 R16	205/55 R16	205/55 R16	205/55 R16	205/55 R16	205/55 R16
16" rim size	16" x 6.5J	16" x 6.5J	16" x 6.5J	16" x 6.5J	16" x 6.5J	16" x 6.5J	16" x 6.5J	16" x 6.5J	16" x 6.5J	16" x 6.5J	16" x 6.5J
17" tyre size	225/45 R17	225/45 R17	225/45 R17	225/45 R17	225/45 R17	225/45 R17	225/45 R17	225/45 R17	225/45 R17	225/45 R17	225/45 R17
17" rim size	17" x 7J	17" x 7J	17" x 7J	17" x 7J	17" x 7J	17" x 7J	17" x 7J	17" x 7J	17" x 7J	17" x 7J	17" x 7J
STEERING											
Steering box	rack and pinion with Dualdrive™ electric power steering with city mode	rack and pinion with Dualdrive™ electric power steering with city mode	rack and pinion with Dualdrive™ electric power steering with city mode	rack and pinion with Dualdrive™ electric power steering with city mode	rack and pinion with Dualdrive™ electric power steering with city mode	rack and pinion with Dualdrive™ electric power steering with city mode	rack and pinion with Dualdrive™ electric power steering with city mode	rack and pinion with Dualdrive™ electric power steering with city mode	rack and pinion with Dualdrive™ electric power steering with city mode	rack and pinion with Dualdrive™ electric power steering with city mode	rack and pinion with Dualdrive™ electric power steering with city mode
Kerb-to-kerb turning circle (m)	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
SUSPENSION											
Front	independent wheels with MacPherson layout	independent wheels with MacPherson layout	independent wheels with MacPherson layout	independent wheels with MacPherson layout	independent wheels with MacPherson layout	independent wheels with MacPherson layout	independent wheels with MacPherson layout	independent wheels with MacPherson layout	independent wheels with MacPherson layout	independent wheels with MacPherson layout	independent wheels with MacPherson layout
Rear	interconnected wheels with torsion beam layout	interconnected wheels with torsion beam layout	interconnected wheels with torsion beam layout	interconnected wheels with torsion beam layout	interconnected wheels with torsion beam layout	interconnected wheels with torsion beam layout	interconnected wheels with torsion beam layout	interconnected wheels with torsion beam layout	interconnected wheels with torsion beam layout	interconnected wheels with torsion beam layout	interconnected wheels with torsion beam layout
BRAKES											
Self-ventilating disc brakes at front Ø (mm)	284	284	305	284	284	284	305	284	284	305	305
Solid disc brakes at rear Ø (mm)	drums	drums	264	drums	drums	251	264	251	251	264	264
CAPACITIES - WEIGHTS											
Fuel tank (l)	50	50	50	50	50	50	50	14.2*	50	38.4	50
Kerb weight (kg)	1245	1260	1290	1295	1300	1365	1370	1390	1310	1310	1310
Max. towable weight (kg) non-braked	400	400	400	400	400	400	400	–	400	400	400
Max. towable weight (kg) braked	1000	1000	1000	1000	1000	1100	1100	–	1000	1000	1000
PERFORMANCE											
Top speed (km/h)	170	180	189	165	164	181	189	163	167	189	189
Acceleration: 0-100 km/h (s)	12.8	12.3	10.2	14.9	15.5	11.3	10.7	15.7	14.8	10.6	10.6
CONSUMPTION - EMISSIONS (Directive 2004/3/EC)											
Urban cycle consumption (l/100 km)	8.3	5.7	9.1	5	4.5	5.4	5.5	4.7*	7.2	11.7	9.1
Extra-urban cycle consumption (l/100 km)	5	4.3	6.9	3.7	3.7	3.9	4	3.3*	5.2	7.2	5.6
Combined cycle consumption (l/100 km)	6.2	4.8	5.6	4.2	4	4.5	4.6	3.9*	5.9	8.6	6.9
CO ₂ emissions (g/km)	145	112	159	110	105	117	120	105	137	144	159
Environmental classification	EURO 6	EURO 6	EURO 6	EURO 5	EURO 5	EURO 5	EURO 5	EURO 5	EURO 5	EURO 6	EURO 6

*consumption and kerb capacity of Natural Power expressed in kg