

Fiat 500

Technical specifications

	TwinAir 0,9 85 CV Turbo Start&Stop Berlina - Cabrio	1,2 69 CV Berlina - Cabrio	1,2 69 CV EasyPower Berlina	TwinAir 0,9 105 CV Turbo Start&Stop Berlina - Cabrio	1,3 MultiJet 95 CV Start&Stop con DPF Berlina - Cabrio
ENGINE					
No. of cylinders, layout	2, in line, transverse front	4, in line, transverse front	4, in line, transverse front	2, in line, transverse front	4, in line, transverse front
Bore x stroke (mm)	80.5 x 86	70.8 x 78.9	70.8 x 78.9	80.5 x 86	69.6 x 82.0
Displacement (cm ³)	875	1242	1242	875	1248
Emissions level	Euro 6	Euro 6	Euro 6	Euro 6	Euro 5+
Anti-pollution system	Start&Stop system	5	5	Start&Stop system	Start&Stop system
Emission control	three-way catalytic converter in engine compartment, 2 oxygen sensors, EOBD	three-way catalytic converter in engine compartment, 2 oxygen sensors, EOBD	three-way catalytic converter in engine compartment, 2 oxygen sensors, EOBD	three-way catalytic converter in engine compartment, 2 oxygen sensors, EOBD	oxidising catalytic converter in engine compartment, oxygen sensor, electric EGR valve, EOBD, DPF
Compression ratio	10.0:1	11.1:1	11.1:1	10.0:1	16.8:1
EC max. power: kW (HP) at rpm	62.5 (85) 5500	51 (69) 5500	51 (69) 5500	77 (105) 5500	70 (95) 4000
EC max. torque: Nm (kgm) at rpm	145 (14.8) 1900	102 (10.4) 3000	102 (10.4) 3000	145 (14.8) 2000	200 (20.4) 1500
Timing	Fully variable valve lift on intake; fixed timing on exhaust	SOHC with mechanical tappets	SOHC with mechanical tappets	Fully variable valve lift on intake; fixed timing on exhaust	DOHC (linger rocker arm with hydraulic tappets)
Supply	Timed sequential multipoint electronic injection, with knock control and intake valve variable actuation	timed sequential multipoint electronic injection	timed sequential multipoint electronic injection	timed sequential multipoint electronic injection, with knock control and intake valve variable actuation	electronically controlled Common Rail MultiJet direct injection with turbo and intercooler
Ignition	controlled	controlled	controlled	controlled	by compression
TRANSMISSION					
Drive	front	front	front	front	front
Clutch control	hydraulic	mechanical	mechanical	hydraulic	hydraulic
Gears/box/transmission, no. of speeds	5 + R	5 + R	5 + R	6 + R	5 + R
STEERING					
Type	rack and pinion with Dualdrive™ electric power steering			rack and pinion with Dualdrive™ electric power steering	
Turning circle (m)	9.3	9.3	9.3	9.3	10.8
Brakes	ABS with EBD	ABS with EBD	ABS with EBD	ESC	ABS with EBD
Front	disc Ø 257 mm	disc Ø 240 mm	disc Ø 240 mm	self-ventilating disc Ø 257 mm	self-ventilating disc Ø 257 mm
Rear	drum Ø 180 mm	drum Ø 180 mm	drum Ø 180 mm	disc Ø 240 mm	drum Ø 180 mm
SUSPENSION					
Front:	independent, MacPherson-type with lower transversal wishbones secured to an auxiliary crossmember, anti-roll bar connected to the shock absorber			independent, MacPherson-type with lower transversal wishbones secured to an auxiliary crossmember, anti-roll bar connected to the shock absorber	
Rear:	interconnected wheels by means of torsion beam and anti-roll bar			interconnected wheels by means of torsion beam and anti-roll bar	
WHEELS					
POF	175/65 R 14	175/65 R 14	175/65 R 14	175/65 R 14	175/65 R 14
LOUNGE Street	185/55 R 15	185/55 R 15	185/55 R 15	185/55 R 15	185/55 R 15
DIMENSIONS					
Length (mm)	3546	3546	3546	3546	3546
Width (mm)	1627	1627	1627	1627	1627
Height in running order (mm)	1488	1488	1488	1488	1488
Wheelbase (mm)	2300	2300	2300	2300	2300
Front track (mm)	1413	1413	1413	1413	1413
Rear (mm)	1407	1407	1407	1407	1407
Luggage compartment capacity VDA (dm ³)	185	185	185	185	185
WEIGHTS					
Kerb weight DN (kg)	930/970*	865/905*	865	940/980*	980/1020*
Towable weight, non-braked (kg)	400	400	400	400	400
braked (kg)	800	800	800	800	800
CAPACITIES					
Fuel tank capacity (litres)	35	35	30.5 LPG (35 petrol)	35	35
12 V battery					
Capacity (Ah)	63	40	40	63	63
PERFORMANCE					
Top speed (km/h)	173	160	160	188	180
Acceleration (s): 0-100 km/h	11	12.9	12.9	10	10.7
CONSUMPTION - EMISSIONS (Directive 2004/3/EC)					
urban cycle	4.7/4.4**	6.4/6.2**	6.2 LPG (6.4 petrol)	5.5	4.7
extra urban cycle	3.8/3.6**	4.3/4.3**	5.6 LPG (4.3 petrol)	3.5	3.1
combined cycle	4.0/3.9**	5.1/5.0**	6.6 LPG (5.1 petrol)	4.2	3.7
CO ₂ exhaust emissions (g/km)	92/90**	119/118**	106 LPG (119 petrol)	99	97

*cabrio ** with Dualogic™ robotised gearbox