

1.4 8v Fire Natural Power technical data sheet

	Petrol	Methane
ENGINE		
No. cylinders, arrangement	4, in line, front, transverse	4, in line, front, transverse
No. of valves	2	2
Bore x stroke (mm)	72 x 84	72 x 84
Cylinder capacity (cm ³)	1368	1368
Emission level	EEC STAGE 4 "E5 ready"	EEC STAGE 4 "E5 ready"
Emission control	EOBD	EOBD
Compression ratio	11.1	11.1
Max power: BHP-EEC (kW-EEC) at rpm	77 (57) at 6000	70 (51) at 6000
Max. torque: Kgm-EEC (Nm-EEC) at rpm	11.7 (115) at 3000	10.6 (104) at 3000
Timing (drive)	1 OHC with variable valve timing and mechanical tappets	
Fuel system	Phased sequential electronic MPI	Phased sequential electronic MPI
Ignition	Solid state, with digital electronic control	
TRANSMISSION		
Drive	front	front
Clutch control	Hydraulic	Hydraulic
Gearbox, no. gears	5 Speed	5 Speed
Gearbox: 1 st	3.909 : 1	3.909 : 1
2 nd	2.158 : 1	2.158 : 1
3 rd	1.345 : 1	1.345 : 1
4 th	0.974 : 1	0.974 : 1
5 th	0.829 : 1	0.829 : 1
6 th	/	/
Reverse	3.818 : 1	3.818 : 1
Final drive ratio	4.500 : 1	4.500 : 1



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STEERING		
Type	rack and pinion	rack and pinion
	with electric steering	with electric steering
Turning circle (m)	11	11
BRAKES – D (disc) - T (drum)		
Front: (mm)	D257 x 22 (ventilated)	D257 x 22 (ventilated)
Rear: (mm)	T228	T228
SUSPENSION		
Front	independent, McPherson, telescopic shock absorbers, stabiliser bar	independent, McPherson, telescopic shock absorbers, stabiliser bar
Rear	torsion axle and torsion beam Telescopic hydraulic shock absorbers	torsion axle and torsion beam Telescopic hydraulic shock absorbers
DIMENSIONS		
Wheelbase (mm)	2510	2510
Front/rear track (mm)	front 1473 - rear 1466	
Length/Width/Height (m)	4030 / 1687 / 1514	
VDA luggage capacity (dm ³)	200	
WHEELS		
Tyres	185/65 R15'	185/65 R15'
Options	195/55 R16'	195/55 R16'
CAPACITIES - WEIGHTS		
DIN kerb weight (kg)	1170 (3d) - 1185 (5d)	
Front axle	850 (3d) - 850 (5d)	
rear axle	850 (3d) - 850 (5d)	
Max. towable weight (kg) unbraked/braked	400 / 500	
Fuel tank capacity (litres)	45	84 (*)



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PERFORMANCE		
Top speed (km/h)	162	156
Acceleration (sec): 0 ÷ 100 km/h	14.9	16.9
(2 people + 20 Kg) 0 ÷ 1000 m	35.7	37.5
EEC FUEL CONSUMPTION	l/100km	m³/100km
	According to EC directive 1999/100	According to EC directive 2004/3/EC
urban cycle	7.9	8.2
extra-urban cycle	5.4	5.4
combined cycle	6.3	6.4
CO ₂ exhaust emissions (g/km)	149	115

(*) corresponding to approximately 13 kg of methane at a pressure of 200 bar