

PUNTO eMANUAL

Introduction & Technical Data

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IDENTIFICATION DATA

	CHASSIS	ENGINE	VERSION	TRIM LEVEL	GEARBOX
					5 speed
 1242 SPI EEC STAGE 2 (CF2)	ZFA 176.000	176 B4.000	176 AR 52C	Cabrio S	●
			176 BR 52C (*)		●

(*) For the French market

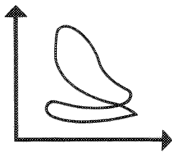
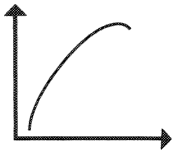
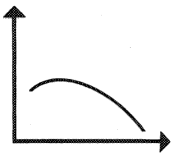
WEIGHTS (in kg)

ENGINE		 1242 SPI CF2
		960
 + 360 = 		1320
Maximum permissible loads on the axles ■		740
		680
Maximum load on the tow hook (trailer with braking system)		70
	Without braking system	400
	With braking system	1000

■ Loads which must never be exceeded

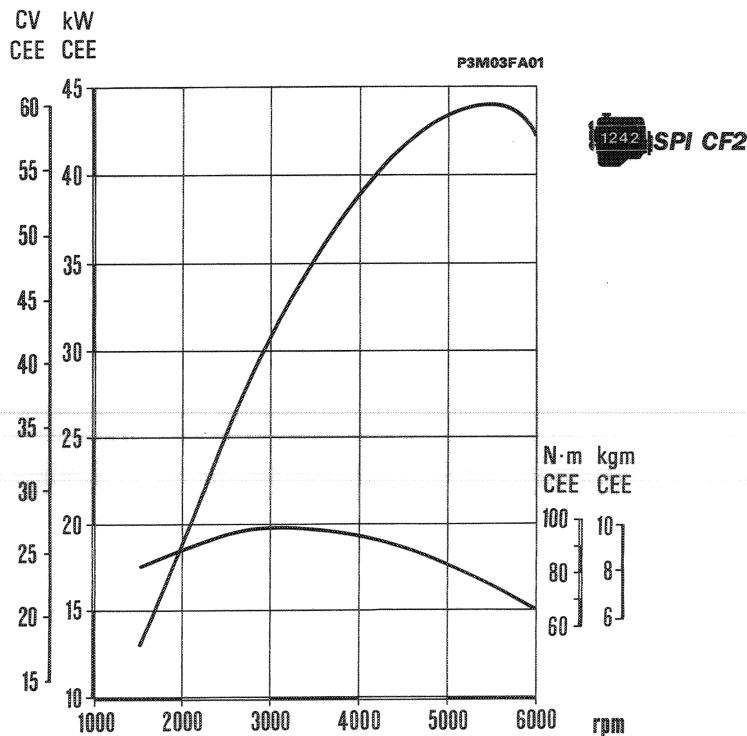


CHARACTERISTICS

	Cycle	OTTO 4 stroke	
	Timing	single overhead cam	
	Type of fuel system	WEBER-MARELLI I.A.W. integrated electronic injection/ignition	
 Max power	kW (EEC) (CV) (EEC)		44 (60)
	rpm		5500
 Max torque	daNm (EEC) (kgm) (EEC)		9,8 (10)
	rpm		3000

TYPICAL POWER CURVES OBTAINED BY EEC METHOD

The curves illustrated can be obtained with the engine overhauled and run in (50 hours of operation) without a fan, with an exhaust silencer and air filter fitted at sea level.

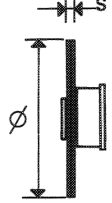
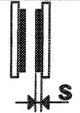
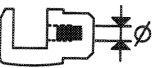
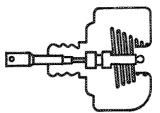
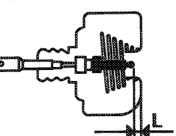


Test bench cycles of overhauled engines

During the bench test for the overhauled engines it is not advisable to run the engines at maximum speed, but to stick to the figures given in the table; complete the running in of the engines in the actual cars.

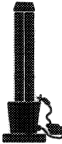


FRONT BRAKES

		Values in mm	
	Disc	Ø	240
			10,80 ÷ 11,10
			9,55
		allowed	9,20
	Brake pads	s < allowed	1,5
	Caliper	Ø	48
	Master cylinder (pump)	Ø	20,65 (13/16")
	Servo brake		Isovac 8" hydro-pneumatic vacuum servo acting on all four wheels
	Distance of hydraulic piston push rod from master cylinder support plate	L	22,45 ÷ 22,65

▲ For version with ABS

For missing figures, see previous edition print no. 506.003/02

VERSION	 Wheel rim pressed steel, type	*  Tubeless, radial tyre type	  Inflation pressure			
			Front		Rear	
			average load	full load	average load	full load
 1242 SPI CF2	4.5 B x 13"	155/70 R 13"	2,3 bar	2,3 bar	2 bar	2,2 bar
Spare wheel	4.5 B x 13"	135/80 B 13"	2,8 bar			

NOTE *The use of the spare wheel should be limited to the distance necessary to reach a service station for the repair. Do not exceed a speed of 80 km/h.*

* Air chambers need not be used with tubeless tyres.

Front suspension independent, Mac Pherson type with track control arms connected by two flexible bushes to a cross member.
Offset coil springs and double acting hydraulic shock absorbers.
For-life joints.



Coil springs

Part number	7778399	
Diameter of wire	mm	11,5±0,1
Number of turns	4,25	
Direction of coil	clockwise	
Height of spring released	mm	389
Height of spring under a load of:	$290 \pm 10 \text{ daN}$ mm	210,5
The springs are subdivided into two categories, identifiable by a mark		
yellow (1) for those under a load of:	$290 \pm 10 \text{ daN}$ height of mm	> 210,5
green (1) for those under a load of:	$290 \pm 10 \text{ daN}$ height of mm	≤ 210,5

(1) Springs of the same category must be fitted.

Shock absorbers

Type: telescopic, double acting	Telescopic, hydraulic, double acting	
Part number	7778834	
Travel (start of damping action)	mm	171
Maximum extension	mm	466±2,5



STARTER MOTOR	M. MARELLI E80 E - 12 V - 0,8 kW
ALTERNATOR	M. MARELLI A115I - 14 V - 38/65 A
VOLTAGE REGULATOR	BUILT IN ELECTRONIC
BATTERY	12V - 40 Ah - 200 A
IGNITION SYSTEM	INTEGRATED ELECTRONIC INJECTION/IGNITION I.A.W. Weber - MARELLI
IGNITION COIL	M. MARELLI BAE 800 AK
SPARK PLUGS	FIAT/LANCIA 9GYSSR CHAMPION RC9YCC M. MARELLI L7LCR