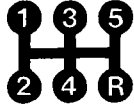



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**NOTE** – *This section contains the variants for the 1747 16v version with a returnless fuel system. For anything not dealt with, refer to the information in print no. 506.763 and subsequent updates.*









	CHASSIS	ENGINE	VERSION	MAREA	MAREA WEEKEND	GEARBOX
						
	ZFA 185 000	182 A2.000	185 AX C1A 02	●		
			185 AX C1A 02B (▲)	●		
			185 AX C1A 02C (■)	●		
			185 BX C1A 06		●	
			185 BX C1A 06B (▲)		●	
			185 BX C1A 06C		●	

▲ Versions for specific markets (finance)

■ Voluntary for Germany

ENGINE TYPE	 16v
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### WEIGHTS (in kg)

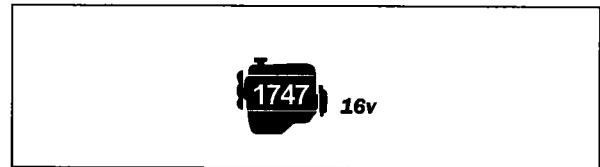
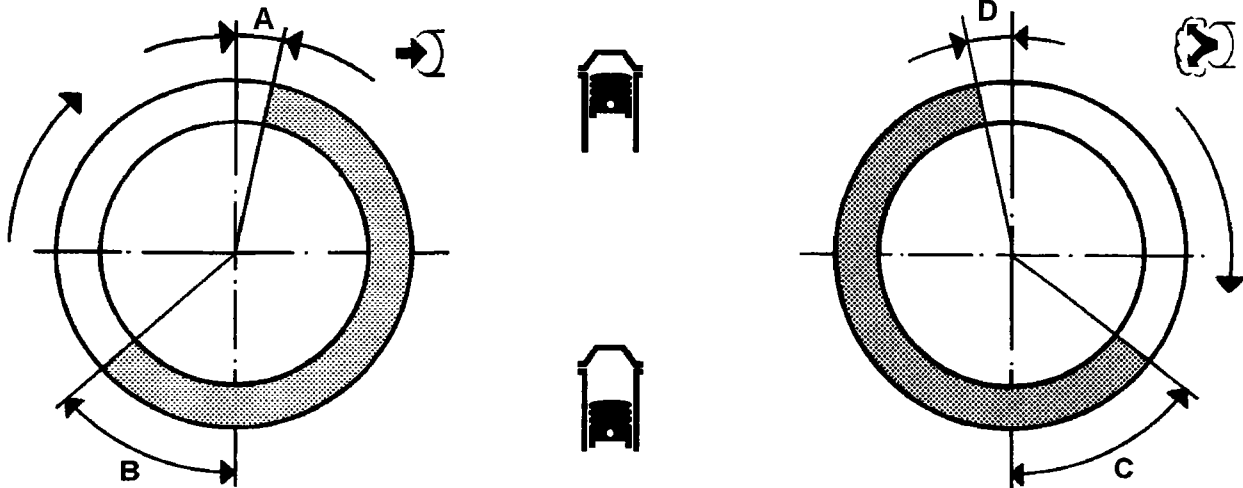
	<i>Marea</i>	1085	1140	1165	1195	1255
	<i>Marea Weekend</i>	1145	1200	1225	1255	1315
 +590 = (575)*    *	<i>Marea</i>	1675	1730	1755	1785	1830
	<i>Marea Weekend</i>	1740	1795	1820	1850	1895
	+595 = (580)*   					



**NOTES FOR VERSIONS WITH ACCESSORIES:** In the presence of special equipment (non standard air conditioning, sun roof, trailer towing device, etc.), the empty weight increases and therefore the carrying capacity may decrease in relation to the maximum permissible loads.


# Tehnickal data

## 00.10

### TIMING DIAGRAMS



<b>A</b>	Inlet		opens before TDC	0° after TDC
<b>B</b>			closes after BDC	27°
<b>C</b>	Exhaust		opens before BDC	29°
<b>D</b>			closes after TDC	2°

INTEGRATED ELECTRONIC INJECTION/IGNITION SYSTEM COMPONENTS	
Electronic control unit	HITACHI MFI – 155 HITACHI MFI – 160 (*)
Injector	Marelli IWP 006
Fuel pressure regulator (incorporated in the electric pump)	Marelli RPM 84
Coolant temperature sensor	Jaeger 40218301 Elth 2690350
Electric fuel pump	Marwall ESS 276
Lambda sensor	NTK OZA 341-A1
Idle actuator	HITACHI GL 108771
Butterfly valve position sensor (potentiometer)	HITACHI GL 212875
Fuel vapour solenoid valve	MARELLI EC1
Top Dead Centre and rpm sensor	HITACHI RS – 314
Detonation sensor	NGK KNE 03-A
Timing sensor	Bosch B.232.101.037
Butterfly casing	HITACHI M646 WA

(\*) Specific versions for German market


# Technical data

Marea - Marea Weekend  16v

Electrical equipment: electronic injection/ignition

99 Update

## 00.55

<b>INTEGRATED ELECTRONIC INJECTION/IGNITION SYSTEM</b>	
Type	HITACHI MFI - 1
Firing order	1 - 3 - 4 - 2

### COIL (1 PER SPARK PLUG)

Make	HITACHI
Type	GE 215492
Ohmic resistance of primary winding at 20°C      Ω	0.66
Ohmic resistance of secondary winding at 20°C      Ω	-

### RPM AND TOP DEAD CENTRE SENSOR

Make and type	HITACHI GE 110492 RS - 314
Sensor winding resistance at 20°C      Ω	513 + 627
Distance (gap) between the sensor and the crankshaft pulley tooth      mm	0.4 + 1.2

### DETONATION SENSOR

Make and type	NTK KNE 03-A
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### CYLINDER RECOGNITION AND TIMING SENSOR

Make and type	Bosch B 232.101.037
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### ENGINE ADVANCE

With engine idling (850 ± 50 rpm)	9° ± 1°
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### SPARK PLUGS

Make and type	NGK BKR6EKC Champion - RC8BYC
Thread	M 14x1.25
Electrode gap      mm	0.8

**00.A**

Tool number	TOOL NAME	ENGINE TYPE
		

**ENGINE**

1860955000	Equipment for checking fuel consumption	●
1870684000	Connector for discharging petrol pressure	●
1870697000	Tool for timing camshaft	●

