

2.6 litre 6-cylinder Petrol models

**ENGINE**

Type In line six cylinder four stroke, inlet — overhead valves  
exhaust — side valves

Capacity 2625 cm<sup>3</sup> (160.3 in<sup>3</sup>)

Compression ratio 7.8:1

Firing order 1-5-3-6-2-4

Compression pressure 11,95 to 12,3 kgf.cm<sup>2</sup> (170 to 175 lbf. in<sup>2</sup>).

Idling speed 650 rev/min

Fast idle setting 1000 to 1200 rev/min

Ignition timing, static and dynamic  
Dynamic set with engine idling, vacuum hose disconnected  
and plugged 2° ATDC when using 90 octane fuel  
6° ATDC when using 85 octane fuel

Timing marks On crankshaft pulley

Valve clearance  
Inlet  
Exhaust

0,15 mm (0.006 in) engine hot *6309-8(HOT) .20mm .028"*  
0,25 mm (0.010 in) engine hot or cold *(HOT) .35mm .014"*

**DISTRIBUTOR**

Make/type Bosch U-JFU6

Part number 9 230 061 609

Rotation of rotor Anti-clockwise

Point gap 0,4 to 0,5 mm (0.016 to 0.020 in)

Dwell angle 30° to 35°

**Centrifugal advance**

Check with vacuum unit disconnected.

Crankshaft angle	Engine rev/min
30°	3500-5200
20°	2000-2300
10°	1200-1520
Begins	450-760

**Vacuum advance**

Starts 70 to 160 mm (2.75 to 6.25 in) Hg.

Finishes 460 mm (18.0 in) Hg.

Degrees advance (crankshaft) 10° to 14° at 460 mm (18.0 in) Hg.

**SPARKING PLUGS**

Make/type Bosch W175T2

Gap 0,60 to 0,70 mm (0.023 to 0.031 in).

**IGNITION COIL**

Make/type Bosch KM 12V

Part number 0 221 107 006

Primary resistance at 20°C (68°F) 3.2 to 3.9 ohms

Consumption—ignition on at engine idle speed 1.4 amps

**CARBURETTOR**

Choke diameter Zenith-Stromberg 175CD-2  
41,275 mm (1.625 in)

Metering needle B22547/B 2AU

Air valve return spring B18277

Needle valve B20742/1 1,75 mm

Fast idle interconnection setting 1,1 mm or No. 57 drill at edge of throttle.

Float height 16 mm to 17 mm (0.629 in to 0.669 in).

