

**ENGINE**      2½ litre 4-cylinder Petrol models

Type	In line four cylinder four stroke, overhead valves
Capacity	2286 cm <sup>3</sup> (139,5 in <sup>3</sup> )
Compression ratio	8.0:1
Firing Order	1—3—4—2
Compression pressure	11,2 kgf cm <sup>-2</sup> (160 lbf in <sup>-2</sup> )
Idling speed	500 rev/min
Fast idle setting	1,40 mm (0.055 in) Throttle butterfly clearance
Ignition timing, static	TDC when using 90 octane fuel 3° ATDC when using 85 octane fuel
Timing marks	On crankshaft pulley
Valve clearance, inlet and exhaust	0,25 mm (0.010 in)

**DISTRIBUTOR**

Make/type	Lucas DZS4A
Rotation of rotor	Anti-clockwise
Dwell angle	49° ± 4°
Contact breaker gap	0,25 mm to 0,30 mm (0.010 in to 0.012 in)
Condenser capacity	0.18 to 0.25 microfarad
Serial number	484342

**Centrifugal advance with TDC ignition timing**

Decelerating check with vacuum unit disconnected

Crankshaft angle	Engine rev/min
38° to 42°	4500
30° to 34°	3500
22° to 26°	2500
12° to 16°	1200
4° to 12°	900
0° to 4°	600
No advance below	450

**SPARKING PLUGS**

Make/type	Champion RSN12Y
Gap	0,75 mm to 0,80 mm (0.029 to 0.032 in)

**IGNITION COIL**

Make/type	Lucas 5C10
Primary resistance at 20°C (68°F)	2.6 to 3.0 ohms

**CARBURETTER**

Make/type	Zenith 36IV
Choke diameter	27 mm
Main jet	125
Compensating (enrichment) jet	150
Pump jet	65 (short stroke, outer hole)
Needle valve	1.75

