

Cooling System—continued

Fan belt—Depth	·325 in. (8·25 mm)
—Width at outside	·375 in. (9·5 mm)
—Angle of "V"	40°
—Outside length	43·62 in. (110·8 cm)

Note: Fan belt for Sport Saloon of similar dimensions but different quality and identified by a green flash on outer [edge

IGNITION SYSTEM

Type	Coil and distributor
Firing order	1, 3, 4, 2
Ignition control	Fully automatic—vacuum and centrifugal
Ignition timing (nominal) static	3° (3mm) B.T.D.C.

The above ignition settings may need SLIGHT alteration to meet local fuel requirements. Such adjustments should be made by means of the distributor vernier control taking care not to over retard or over advance the ignition timing. The mm. dimension is measured on periphery of crankshaft pulley, before groove on pulley reaches pointer on timing cover on rotation of crankshaft.

Fuel octane requirement	H.C. 95—97 L.C. 85—87
Distributor—Maker's No.	25.D.4
—Drive	Offset from oil pump
—Direction of rotation (viewed from above)	Anti-clockwise
—Contact breaker gap	·015 in. (.38 mm)
—Contact lever spring tension (measured at free contact)	18/24 ozs. (.51/.68 kg)
—Firing angles	0°, 90°, 180°, 270° ± 1°
—Contacts closed period (cam dwell closed)	60° ± 3°
Coil—Make and type	Lucas HA.12 or 11.C.12 (BA.7 in certain export territories)
Spark plugs—Make and type	Champion N9Y
—Gap	·025 in. (.63 mm)

Centrifugal Advance

Mk. I models (Low compression)
Distributor Despatch No. 40968
Advance Curve No. ECM.820

Decelerating on Test rig		Decelerating on engine	
Dist. r.p.m.	Dist. degrees	Crank r.p.m.	Crank degrees
2800	16°—18°	3500	24°—28°
2500	16°—18°	3000	22°—26°
1900	13°—15°	2000	15°—19°
1200	9½°—11½°	1000	3°—7°
950	7°—9°	600	0°—2°
450	1°—3°	Below 400	No advance
300	0°—1°		
Below 200	No advance		

*The static ignition advance angle must be added to these figures when testing the distributor on the engine.

Vacuum Advance ...	Hg. in.	Dist. degrees	Crank degrees
	12	6°—8°	12°—16°
	7	5°—7°	10°—14°
	5	3°—6°	6°—12°
	3½	½°—3½°	1°—7°
	2	0°—1°	0°—2°

No vacuum advance below 1 Hg. in.

Vacuum Advance Unit Marking: 3—8—7