

## EXHAUST EMISSION CONTROL SYSTEM

### Carburetter

Minor carburetter changes include a new jet needle and changed setting for the throttle by pass valves which blend fuel/air mixture into the manifold during closed throttle overrun conditions.

The jet needle still incorporates the spring loading device and is biased towards the engine.

Carburetter needles are identified by the letters Bl.A R.

### Distributor

The distributor incorporates a vacuum retard capsule which retards the ignition by 10° with the throttle closed at idle r.p.m.

A vacuum pipe from the retard capsule connects to a drilling in the base of the front carburetter and picks up manifold depression when the throttle is closed.

Opening the throttle reduces the vacuum and allows the distributor to advance by spring action.

<u>CRANKSHAFT R.P.M.</u>	<u>CRANKSHAFT DEGREES</u>
1,400	6 to 10
1,800	14 to 18
3,000	18 to 22
4,000	23 to 27

The retard characteristics of the capsule are quoted below and should be checked with a falling vacuum.

<u>VACUUM IN INCHES</u> <u>OF MERCURY</u>	<u>DISTRIBUTOR MOVEMENT</u> <u>(DEGREES RETARD)</u>
12	4 to 6
8	4 to 6
6	2 to 4
5	0 to 2½

Distributor Part Number

Manual Transmission - 41322A

Automatic Transmission - 41323A