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## **EMISSION CONTROL SYSTEMS**

### **POSITIVE CRANKCASE VENTILATION (PCV)**

The P.C.V. system is standard on all Firebird engines (those registered in the State of California incorporate the closed P.C.V. system.)

The only maintenance required is a replacement of the P.C.V. valve at 12000 miles or twelve months which also includes cleaning or replacement of the hoses.

### **AIR INJECTION REACTOR SYSTEM (AIR)**

The A.I.R. system is standard on all Firebirds registered in California and uses the same components as the corresponding Tempest engines with the exception of the vacuum advance valve.

This valve is used only on Pontiac and Tempest V-8's with manual transmission.

The 400 cu.in. (A.T. only) engine applications use only the air pump and associated plumbing, plus a specific carburetor and do not incorporate the dual acting distributor.

A.I.R. pump drive belt tensions remain the same as corresponding Tempest engines with the exception

of the six cylinder equipped with power steering and A.I.R. A different mounting bracket is used for the A.I.R. pump, and the belt tension is revised to: 75 lbs. for a new belt, 65 lbs. for a used belt.

The Controlled Combustion System is not used on any of the Firebird engines.

Ignition settings for both non A.I.R. and A.I.R. vehicles are the same as those specified for corresponding Tempest engines.

Hot idle specifications for A.I.R. equipped vehicles are found on Page 6B-2 of this manual.