

Crankcase Ventilation

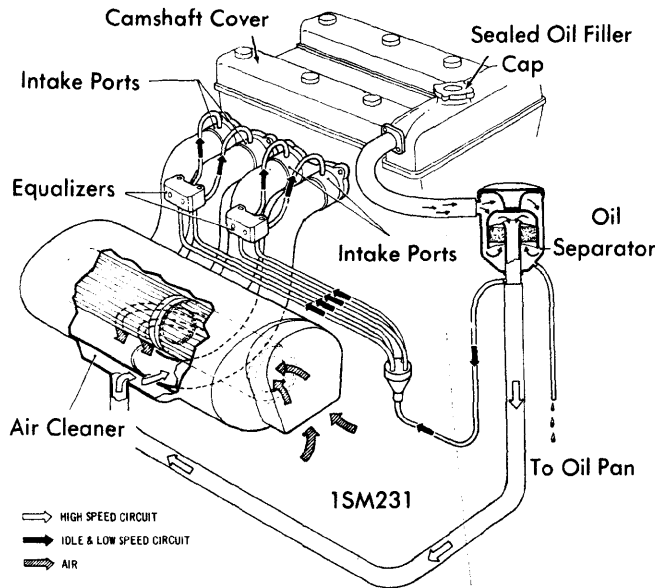
ALFA ROMEO 1750 & 2000 CLOSED

Alfa Romeo 1750 (1969-71)
Alfa Romeo 2000 (1972-73)

DESCRIPTION & OPERATION

Alfa Romeo closed crankcase ventilation system consists of an oil separator, several connecting hoses and either two equalizers (1969-70) or one equalizer (1971-73). Crankcase fumes and vapors, developed during engine operation, collect in camshaft cover and are drawn into combustion chamber and burned. This system has two separate circuits, one for high speed operation and another for idle and low speed operation. The oil separator prevents oil from entering system along with crankcase fumes. Oil collected in oil separator returns to oil pan by way of a connecting hose. On models equipped with fuel evaporation emission system, fuel fumes are collected in camshaft cover and are purged along with crankcase fumes.

High Speed Operation — During high speed operation (with throttles fully opened), crankcase fumes and vapors flow through a hose to the oil separator, then to air cleaner housing. From air cleaner housing, fumes are drawn through intake ports into combustion chambers where they are burned.

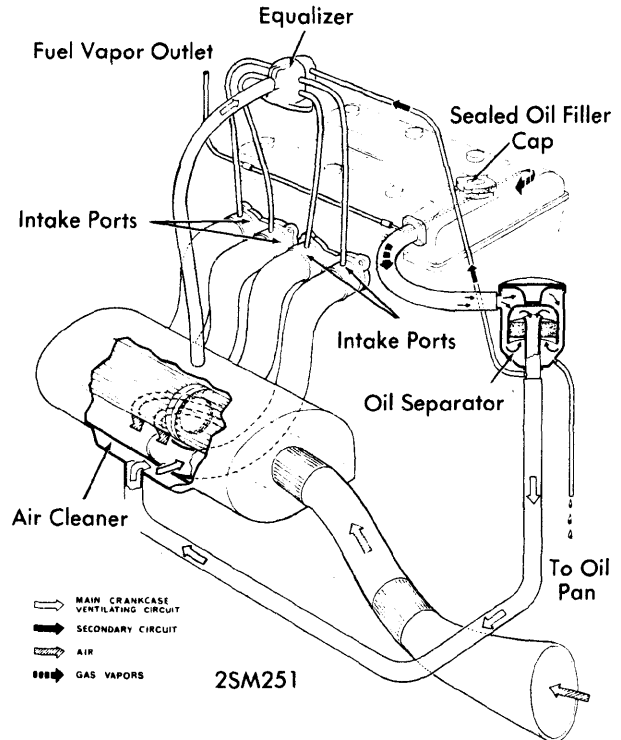


1969-70 CRANKCASE VENTILATION SYSTEM

Idle & Low Speed Operation — During idle and low speed operation (when throttles are partially or completely closed), crankcase fumes and vapors flow from oil separator to equalizer(s). Equalizer(s) are provided with calibrated orifices which evenly distribute crankcase vapors among the cylinders. From equalizer(s), crankcase vapors are drawn through hoses into intake ports, downstream of throttle valves, and are burned in combustion chambers.

MAINTENANCE

Clean oil separator and air cleaner every 3000 miles on 1969-70 models. Replace air cleaner elements every 6000 miles (all models).



1971-73 CRANKCASE VENTILATION SYSTEM