

## CITROEN CLOSED

### DESCRIPTION

The Citroen Crankcase Ventilation System reintroduces the blowby gases to the carburetor and to the intake manifold where they are carried into the combustion chamber and burned. This system consists of two circuits as listed below.

This closed crankcase emission control system is installed on an engine without breather, and equipped with a sealed oil filler cap and dipstick. Two flame arrestors are incorporated: the ventilation valve itself and a chamber containing metal strips mounted on the underside of the valve cover just after the oil baffle.

#### Primary Circuit

This circuit connects the valve cover to the intake

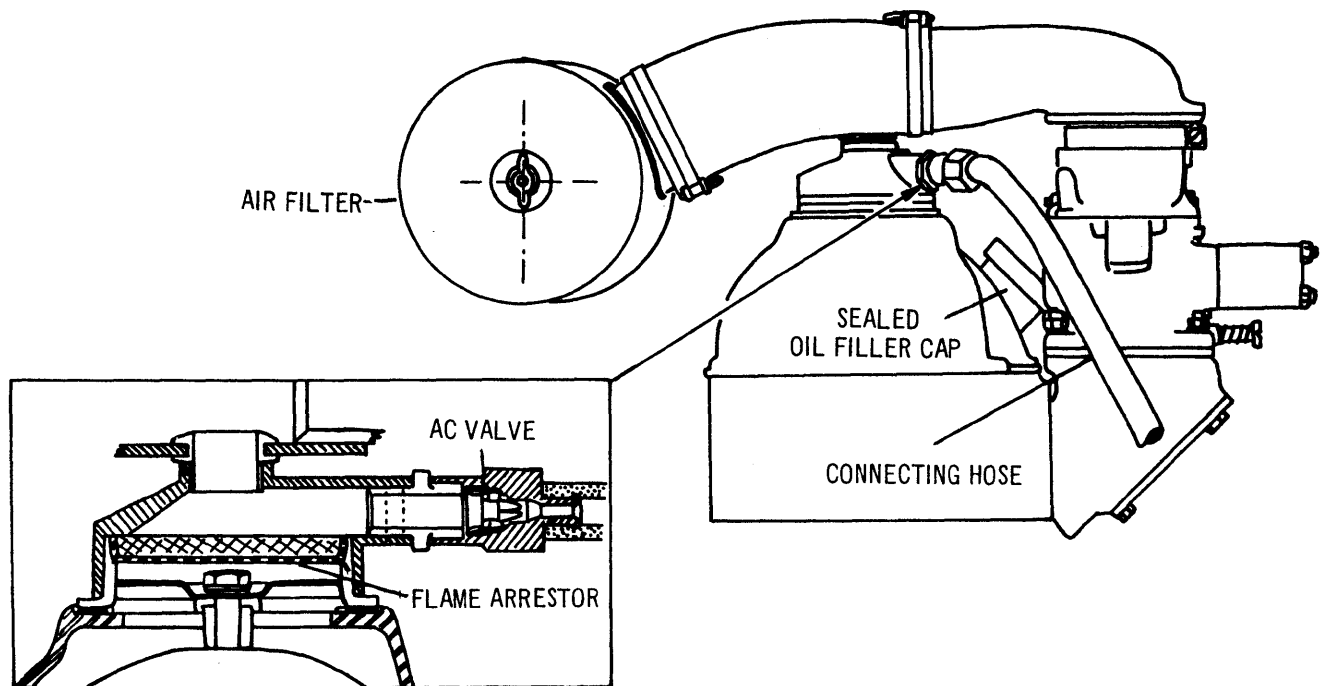
manifold through a tee connection and a positive crankcase ventilation valve controlled by the intake manifold vacuum.

#### Secondary Circuit

This circuit connects the second side of the tee upstream of the carburetor to the tube between the air cleaner and the carburetor.

### MAINTENANCE

The ventilation valve assembly must be cleaned every 6 months or 5000 miles (whichever comes first) and more frequently in service such as extensive engine idling during cold weather (use a cleanser). A clogged control valve may cause oil leakage (the pressure builds up in the crankcase), or impossibility to make the engine idle satisfactorily.



CITROEN CRANKCASE VENTILATING SYSTEM

8SM519