

Crankcase Ventilation

PEUGEOT CLOSED

DESCRIPTION

Peugeot 404 - Crankcase ventilation system components consist of a sealed oil filler cap, a connecting hose from oil filler cap to carburetor air intake and, branching off from this hose, a second hose (vacuum line) connected to intake manifold below the carburetor. Located in this second hose is a PCV valve.

Peugeot 504 & 304 - Crankcase ventilation system components consist of the following: A sealed oil filler cap, a connecting hose which incorporates a PCV valve located between oil filler cap and carburetor air intake (504), or a connecting hose without a PCV valve between valve cover and air cleaner (304). A second hose (vacuum line) is connected between first hose and intake manifold. Located in this second hose is a metered orifice. A metal strainer is located in either oil filler tube (504) or in valve cover (304) to trap drops of oil.

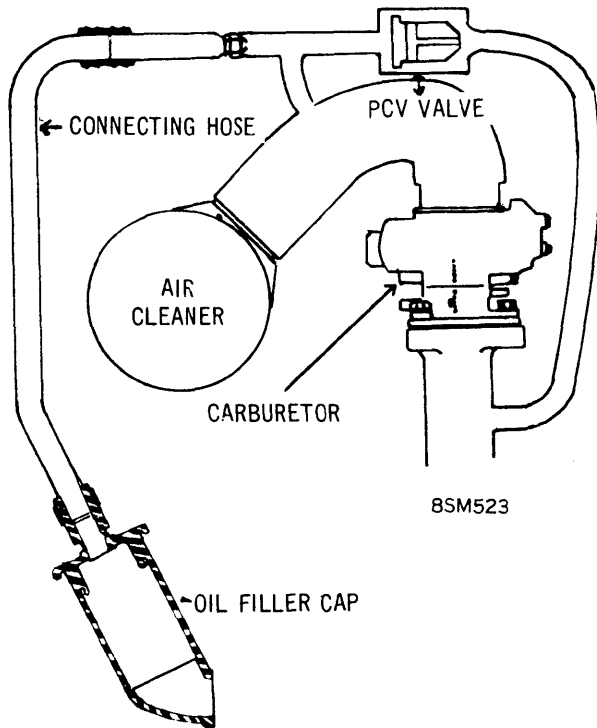
OPERATION

404 - When throttle valve is closed, manifold vacuum draws PCV valve open, allowing crankcase fumes to enter directly into intake manifold. When throttle valve is open, manifold vacuum decreases, closing PCV valve, and allowing crankcase fumes to be drawn through carburetor into intake manifold. During partial throttle, crankcase fumes may enter both systems at the same time.

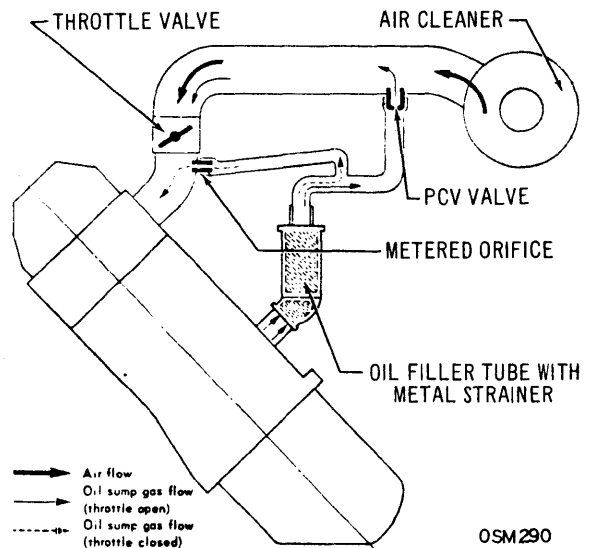
504 & 304 - When throttle valve is closed, crankcase fumes enter directly into intake manifold through a vacuum line. The metered orifice controls flow of fumes from crankcase and prevents the idle from being disturbed. When throttle valve is open, manifold vacuum decreases and crankcase fumes are drawn through the connecting hose and PCV valve (if fitted) into carburetor air intake. During partial throttle operation, crankcase fumes may enter intake manifold through both systems at the same time.

MAINTENANCE

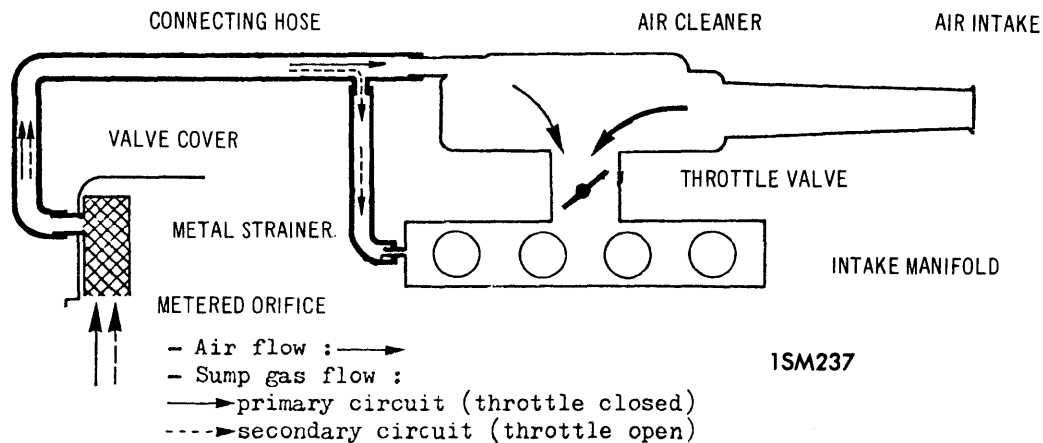
All system components should be checked, and cleaned if necessary, every 9000 miles. **NOTE** - On 404 models, PCV valve must be replaced every 27,000 miles.



PEUGEOT 404 CRANKCASE VENTILATION SYSTEM



PEUGEOT 504 CRANKCASE VENTILATION SYSTEM



PEUGEOT 304 CRANKCASE VENTILATION SYSTEM