

# 1981 Crankcase Ventilation

## PEUGEOT

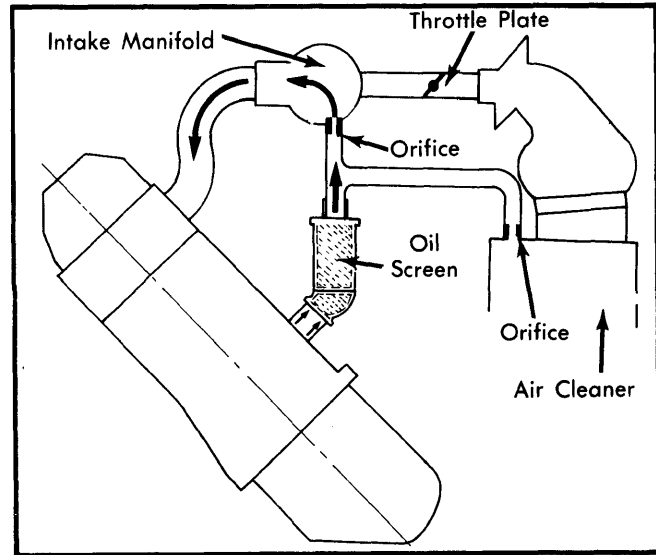
### All Models

### DESCRIPTION

Peugeot vehicles use crankcase ventilation systems to prevent blow-by gases from reaching the atmosphere. Gasoline models use similar systems, which include the following components: PCV tube with oil screen, manifold calibrated jet (orifice), air cleaner orifice, and connecting hoses. Diesel models have a hose from the valve cover to the intake manifold that recirculates crankcase vapors.

### OPERATION

On gasoline models, intake manifold vacuum at idle pulls blow-by vapors through the oil screen, calibrated jet, and into the intake manifold. The calibrated jet stabilizes ventilation flow at a rate that will not affect the idle mixture. When engine speed and load are high, blow-by exceeds the capacity of the calibrated jet. Intake manifold vacuum is low, but air cleaner vacuum is high enough to pull the vapors into the air cleaner and through the engine.



**Fig. 1 505 Crankcase Ventilation System**