

## SUBARU

### All Models

### DESCRIPTION

The crankcase ventilation system is designed to prevent crankcase fumes and vapors from entering the atmosphere. System consists of a sealed oil filler cap, rocker arm covers with an emission outlet and fresh air inlet, PCV valve, air cleaner and various connecting hoses.

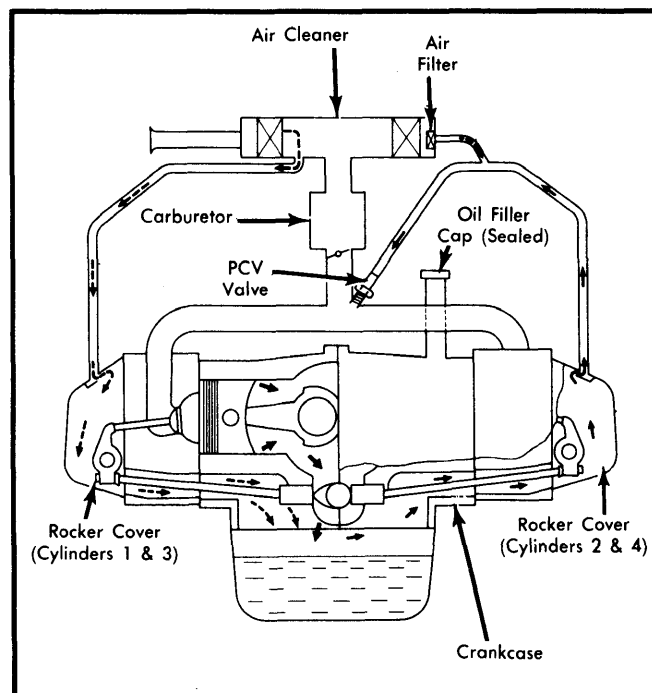
### OPERATION

At part throttle, blow-by gas from the crankcase is drawn into the intake manifold through the connecting hose of cylinders 2 and 4 rocker arm cover and the PCV valve. At the same time fresh air is drawn into the crankcase through the air cleaner and connecting hose of cylinders 1 and 3 rocker cover, and routed to the intake manifold along with the blow-by gas.

At wide open throttle, when intake manifold vacuum is low, the blow-by is directed into the air cleaner through cylinders 1 and 3 rocker cover connecting hose, and is drawn into the carburetor.

### MAINTENANCE

Every 30,000 miles or 30 months (whichever occurs first), check all hoses and connections for leakage or deterioration and replace PCV valve and air cleaner.



**Fig. 1 Subaru Crankcase Ventilation System**