

# 1981 Crankcase Ventilation

## FIAT

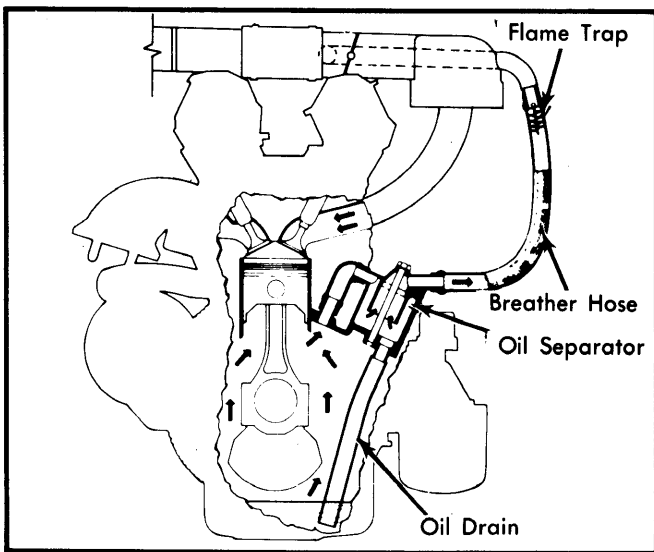
Brava  
Spider 2000  
Spider 2000 Turbo  
Strada  
X1/9

### DESCRIPTION

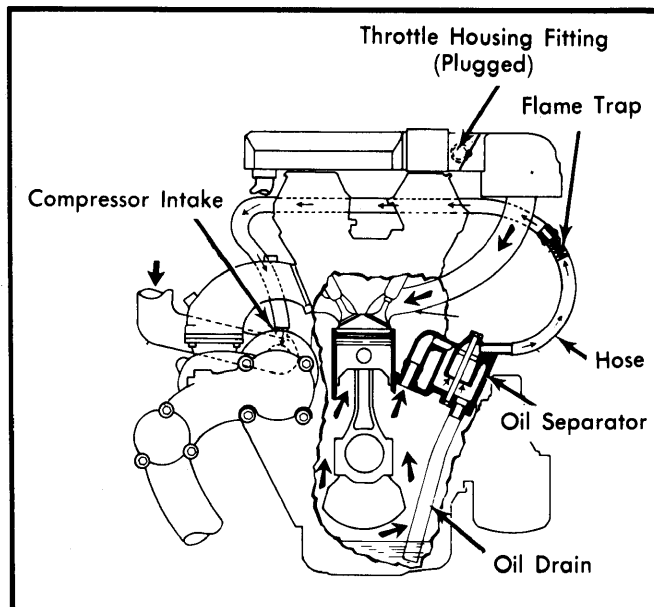
The Fiat crankcase ventilation system prevents blow-by gases from collecting in crankcase or escaping to atmosphere. The system includes an oil separator, flame trap, oil drain, ventilation hose and a by-pass hose (Strada and X1/9 only).

### OPERATION

The crankcase ventilation system on Strada and X1/9 has a large diameter hose from the oil separator to the air filter, and



**Fig. 1 Crankcase Ventilation System (Brava & Spider 2000)**



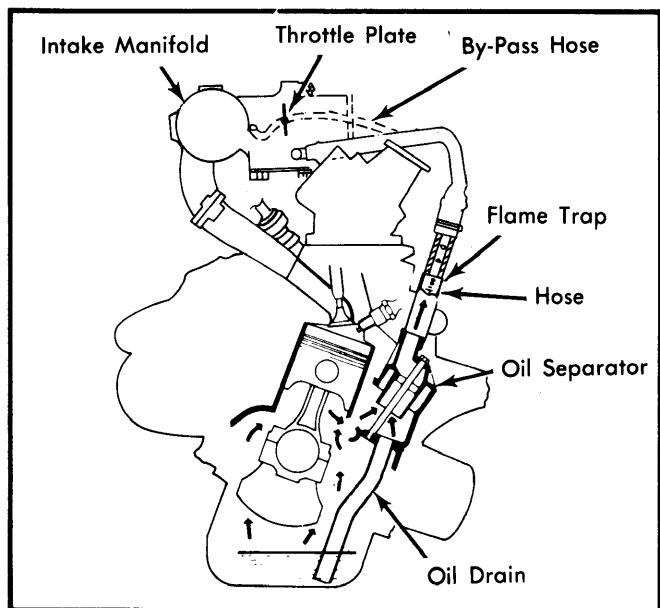
**Fig. 2 Crankcase Ventilation System (Spider 2000 Turbo)**

a smaller hose to the intake manifold side of the throttle plate. Crankcase vapors flow through either of the hoses, depending on vacuum at engine loads.

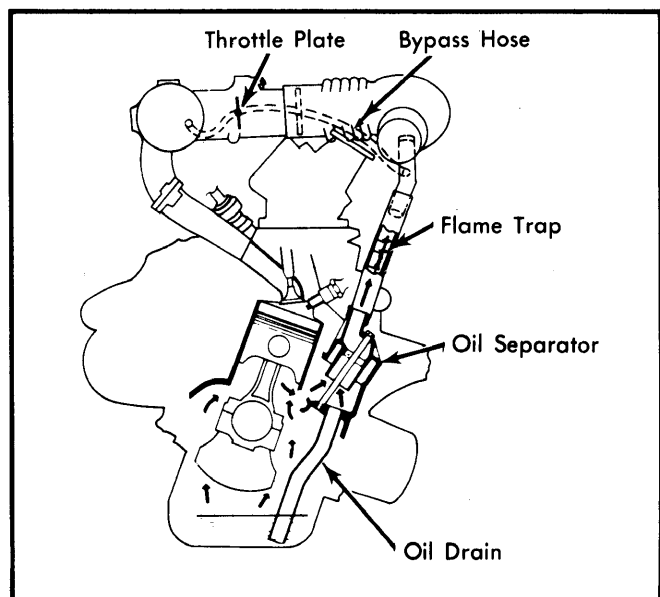
Brava and Spider 2000 models have one hose from crankcase to intake housing. Turbo models have a hose to the compressor inlet and the normal manifold fitting is plugged. All crankcase vapors are drawn into the engine through this one hose.

### MAINTENANCE

Clean and inspect crankcase ventilation system every 15,000 miles. Flame trap should be washed in solvent to avoid clogging by vapors.



**Fig. 3 Crankcase Ventilation System (Strada)**



**Fig. 4 Crankcase Ventilation System (X1/9)**