

# 1982 Crankcase Ventilation

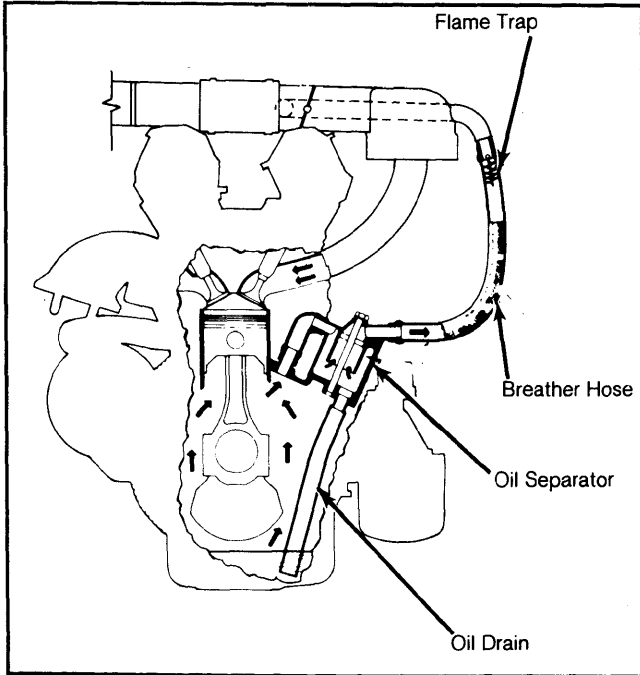
## FIAT

Spider 2000, Spider 2000 Turbo, X1/9

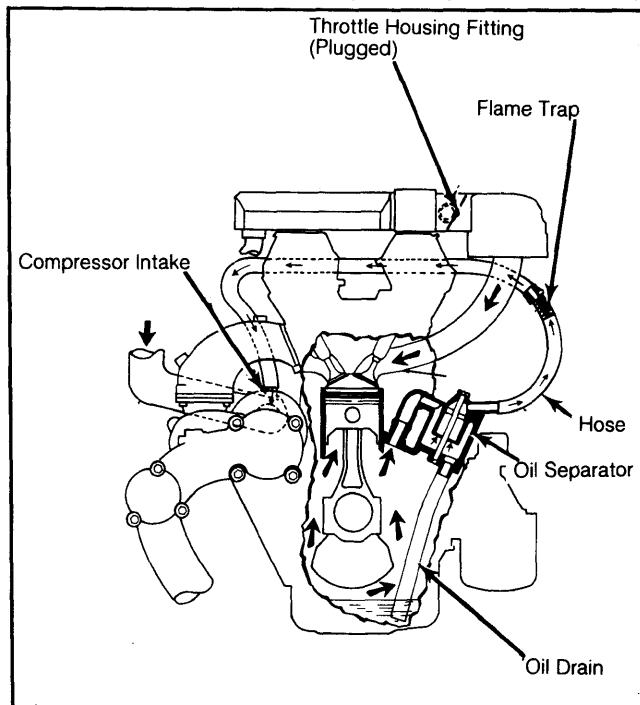
### DESCRIPTION

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 (X1/9 only).

**Fig. 1: Crankcase Ventilation System (Spider 2000)**



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



### OPERATION

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

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 (X1/9)**

