

# Crankcase Ventilation

## FIAT CLOSED

850 Spider  
124 Sedan & Wagon  
124 Sport Coupe  
124 Sport Spider  
128 Sedan

### DESCRIPTION

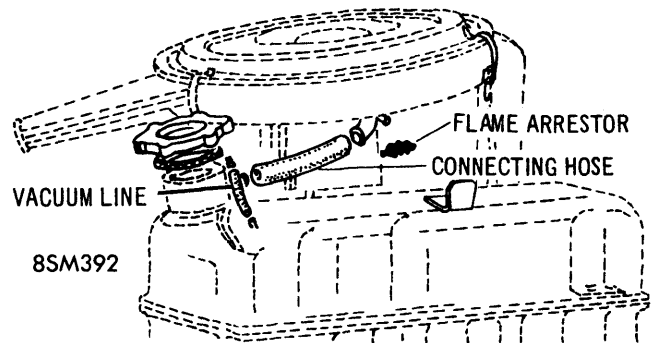
A "closed" positive crankcase ventilation system is used on all cars. System consists of a sealed oil filler cap, a connecting hose located between carburetor air cleaner and either the oil filler pipe (850 Spider and 124 Sedan & Wagon) or an oil separator (124 Sport Coupe & Spider and 128 Sedan), a wire brush flame arrestor located in the connecting hose, a vent valve (850 Spider only), and a vacuum line connected between carburetor air cleaner and carburetor base.

### OPERATION

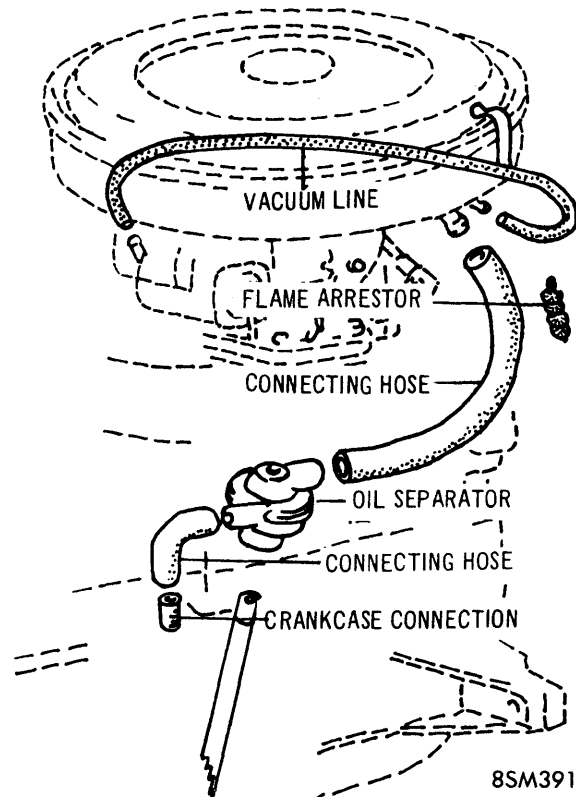
During idle and part throttle operation, crankcase fumes and vapors pass through the oil separator (124 Sport Coupe, Spider & 128 Sedan only) and connecting hose (all models) to the carburetor air cleaner where they are drawn into the intake manifold and enter the combustion system to be burned. As the carburetor throttle is opened wider, either the vent valve (850 Spider only) or a valve built into the carburetor (all other models) is actuated. This action opens the vacuum line allowing fumes and vapors to enter into the base of the carburetor where they are drawn into the combustion system and burned. A flame arrestor is located within the main connecting hose. Should a backfire occur, the flame arrestor would prevent damage to the engine.

### MAINTENANCE

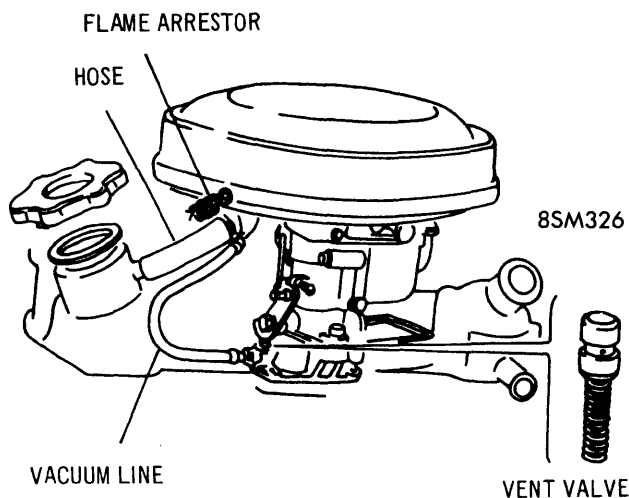
Every 12,000 miles all components must be cleaned with solvent and inspected for damage. Parts should be replaced as necessary. In addition, carburetor air cleaner element should be cleaned every 3,000 miles and replaced every 6,000 miles.



FIAT 124 SEDAN & WAGON  
CRANKCASE VENTILATION SYSTEM



FIAT 124 SPORT COUPE & SPIDER  
CRANKCASE VENTILATION SYSTEM  
(FIAT 128 SIMILAR)



FIAT 850 CRANKCASE VENTILATION SYSTEM