

Crankcase Ventilation

1963 FORD MOTOR CO. 6 CYL. SEALED SYSTEM

DESCRIPTION

1963 *Std.* 6 Cyl. Engines positive crankcase ventilation system (crankcase emission reduction system) is new and different from that used on previous engines. This new system does not require a regulator valve. Instead of the exhaust hose running from the emission outlet to the intake manifold, as on previous engines, the exhaust hose connects to the carburetor air cleaner. A baffle in the inlet side of the air cleaner aids in mixing the crankcase vapors with ambient air before passing through the air cleaner element into the carburetor. Adapter located at rear of engines on left side of crankcase incorporates suitable orifices to regulate air flow.

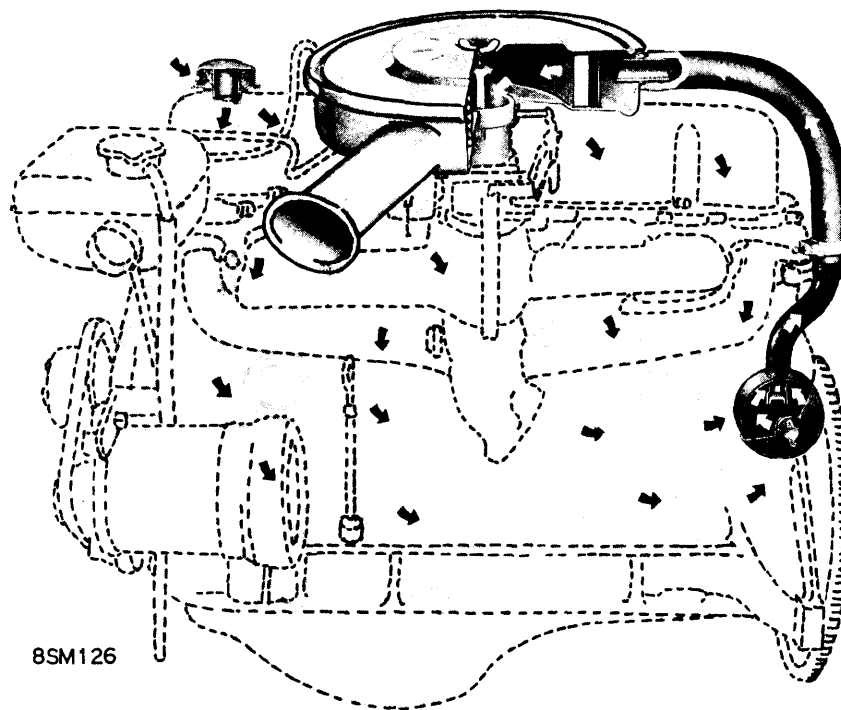
OPERATION

Air enters system through oil breather cap and circulates through engine and is then directed to the air cleaner and carburetor through an oil separator and

hose. Manifold vacuum and carburetion control flow and amount of ventilating air allowed into fuel induction system of the engine. After being emitted to the fuel induction system, fumes are burned and expelled to the atmosphere.

SERVICE PROCEDURES

To insure proper operation of the "sealed" ventilation system it should be serviced every 6,000 miles. All elements of the system should be cleaned and inspected for any faults. The air cleaner element and breather cap and filter should be cleaned very thoroughly. The hoses and connections should be checked for any restrictions which would affect the operation of the system.



1963 SEALED CRANKCASE VENTILATION SYSTEM
MILEAGE MAKER SIX