

MAZDA (PISTON ENGINE)

Mazda 1200 (1971-72)
 Mazda 1800 (1971-72)
 Mazda 808 (1971-73)
 Mazda 616 (1971-72)
 Mazda 618 (1973)
 Mazda B 1600 Pickup (1973)

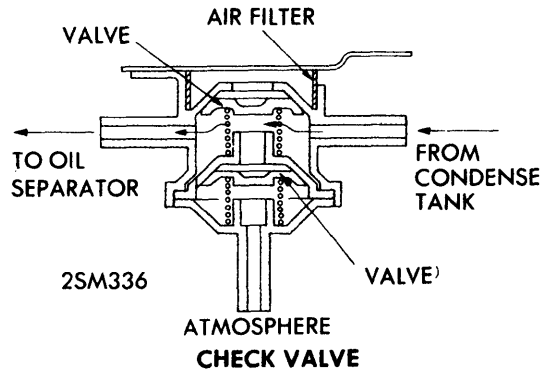
DESCRIPTION

The system prevents the escape of fuel vapor to the atmosphere. Fuel vapor from the tank is channeled into a condense tank and the condensed liquid is returned to the fuel tank. Uncondensed vapors are led into the engine crankcase for storage.

OPERATION

Engine Running — Vapors which have been stored in the crankcase are purged by ventilating air from the air cleaner and drawn through an oil separator and the crankcase ventilation valve. The vapors are then drawn into the intake manifold and burned in the engine.

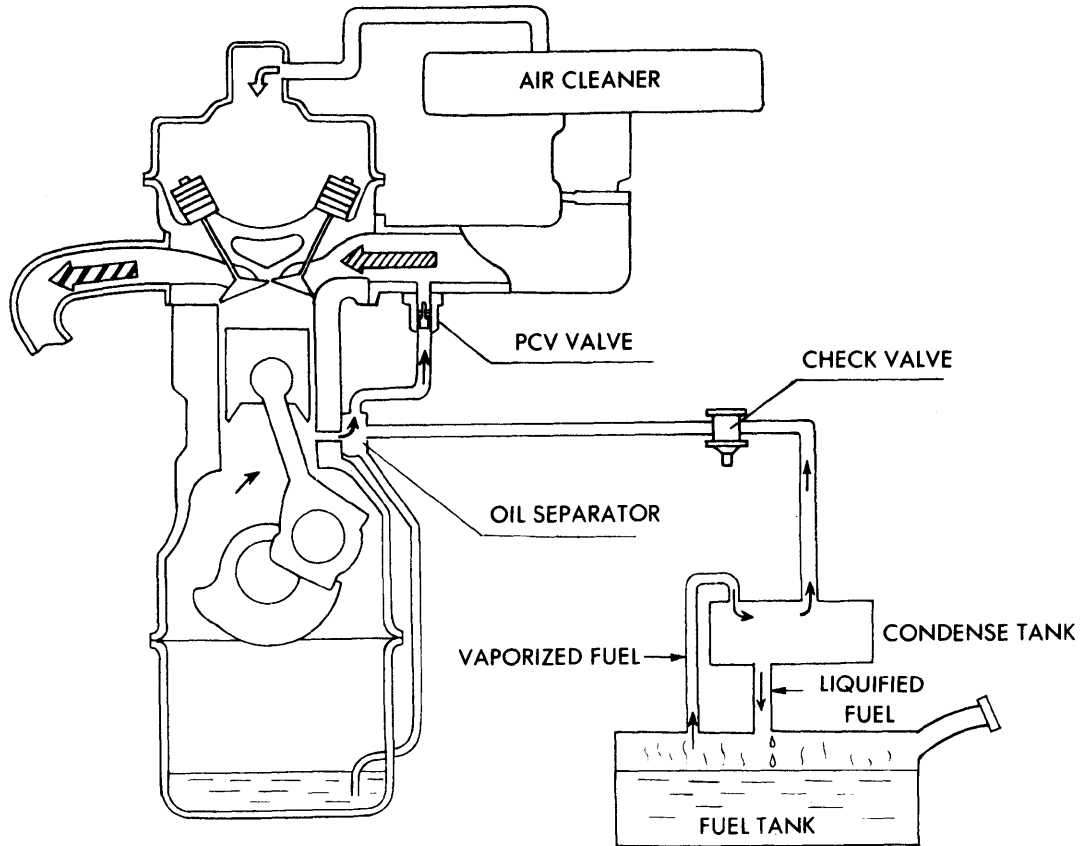
Engine Not Running — Vapors are drawn from the condense tank through lines, into the engine crankcase. They are stored until the engine is started and the crankcase is purged by ventilating air.



Check Valve — Located between condense tank and oil separator, check valve provides ventilation to the atmosphere when fuel system is clogged or when heat builds up excess pressure in the fuel system.

MAINTENANCE

Check complete system, hose connections, and clamps for proper operation every 12,000 miles.



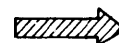
2SM335



FRESH AIR



BLOW-BY GAS



AIR/FUEL MIXTURE



EXHAUST GAS

EVAPORATION EMISSION CONTROL SYSTEM (TYPICAL)