

Fuel Evaporation

ALFA ROMEO

Alfa Romeo 1750 (1970-71)
Alfa Romeo 2000 (1972-73)

DESCRIPTION

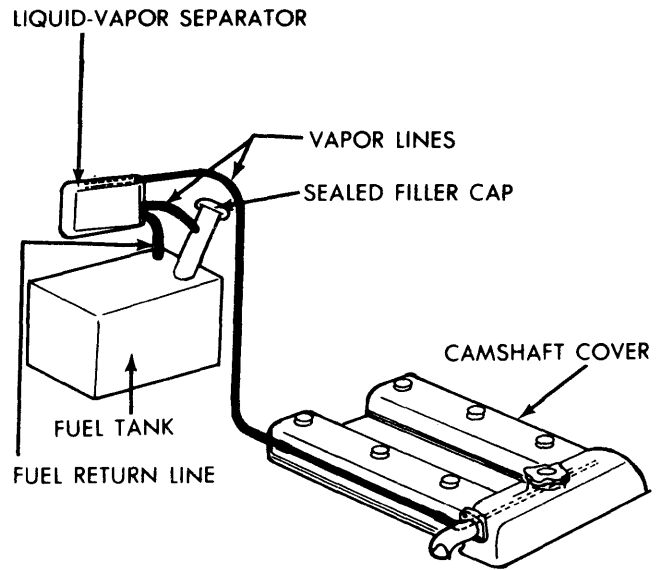
Alfa Romeo Fuel Evaporation Emission Control System consists of a sealed fuel tank cap, a liquid-vapor separator tank, and various hoses connecting the components of this system.

OPERATION

Fuel vapors, formed in fuel tank, are collected in liquid-vapor separator tank. Liquid fuel and condensate formed in tank are returned to fuel tank by way of a hose connected to bottom of liquid-vapor separator. Fuel vapors flow through connecting hose and enter engine at cam covers. When engine is not running, vapors are stored in crankcase of engine. When engine is running, vapors are purged from crankcase by crankcase ventilation system and are burned in the engine. Fuel tank cap is air tight to prevent fumes from escaping into the atmosphere. If temperatures should decrease after engine shutdown, a vacuum would tend to form in fuel tank and liquid-vapor separator tank. Should this happen, fuel vapors would flow back into system from crankcase and maintain system at atmospheric pressure.

MAINTENANCE

No maintenance of system, other than cleaning or replacing damaged components, is required.



1E3022

ALFA ROMEO EVAPORATION EMISSION SYSTEM