

## LAND ROVER

Land Rover (1970-73)

### DESCRIPTION

System is designed to prevent fuel vapors from the fuel tank from entering atmosphere. Vapors are vented to an activated charcoal filled container where they are adsorbed, then vented through a flame trap to the combustion air intake system during engine running.

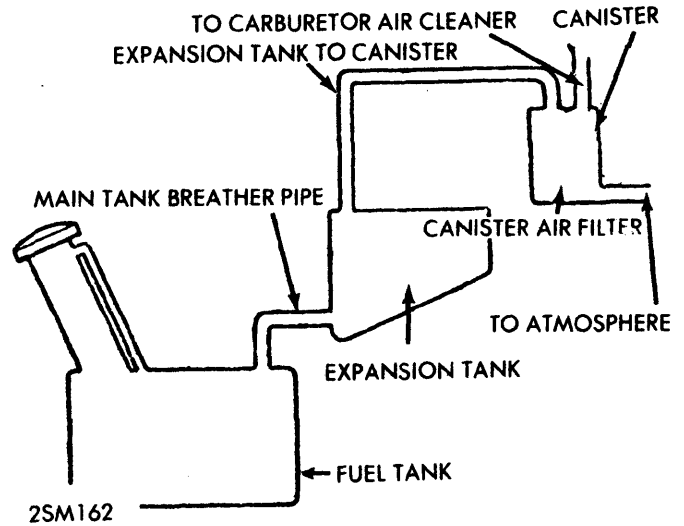
### OPERATION

Vapors from fuel tank are fed through main breather and expansion tank breather pipes into the charcoal container where they are stored. During engine acceleration air is drawn in through air intake pipe at side of container. This purges vapors into the engine. The expansion tank provides an overflow reservoir for the main tank to prevent expanding fuel from being forced along breather pipe.

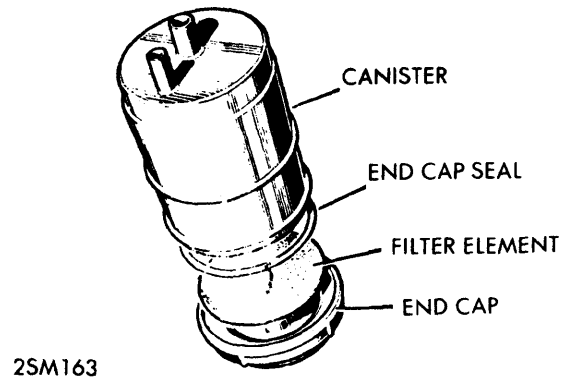
### MAINTENANCE

**Canister Filter** — Replace filter every 12,000 miles. Canister must be removed to replace filter, then unscrew end cap from base of container and withdraw filter. Install new filter with smooth side inward. Use a new seal, screw on end cap and reinstall container.

**Charcoal Canister** — Replace container every 48,000 miles or whenever liquid fuel enters canister. To replace, proceed as follows: Note hose locations and disconnect at container. Remove mounting bolts, loosen strap mounting and withdraw container. To install, reverse removal procedure.



EVAPORATIVE LOSS CONTROL SYSTEM



CHARCOAL CANISTER