

LAND ROVER CLOSED

Land Rover

DESCRIPTION

Crankcase vapors and fumes are drawn into the intake system and delivered to the combustion chambers to be burned with the air/fuel mixture. System consists of a hose which connects breather to the air cleaner, a hose connected between sealed oil filler tube and carburetor spacer, and a non-return valve.

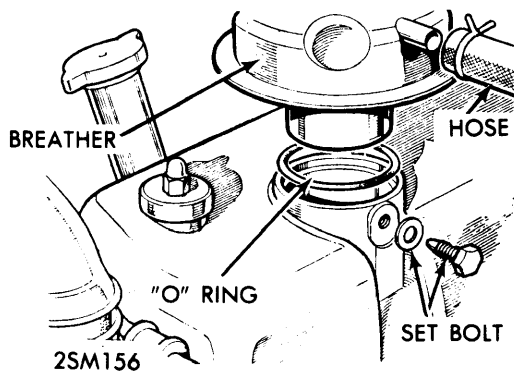
OPERATION

Air is admitted through the air cleaner and breather to the engine. This air helps to purge the crankcase vapors. The vapors are drawn through the non-return valve and into the intake system of the engine.

MAINTENANCE

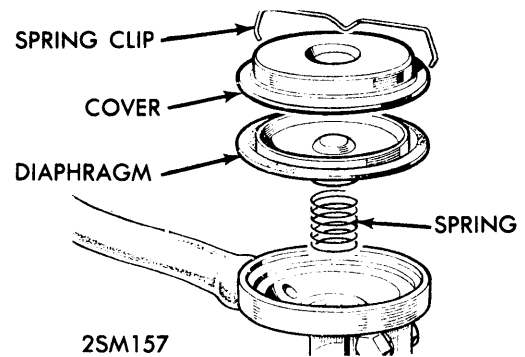
Check all hoses for air leaks, deterioration, or damage as well as the following components every 8,000 miles (all prior to 1972), or every 6,000 miles (all 1972 models).

Top Cover Breather Filter — Remove hose from filter and remove set bolt and sealing washer at left hand side of breather. Lift off breather and "O" ring and clean with suitable cleaning solvent. Immerse unit in clean engine oil and allow to drain, reinstall unit in top cover.



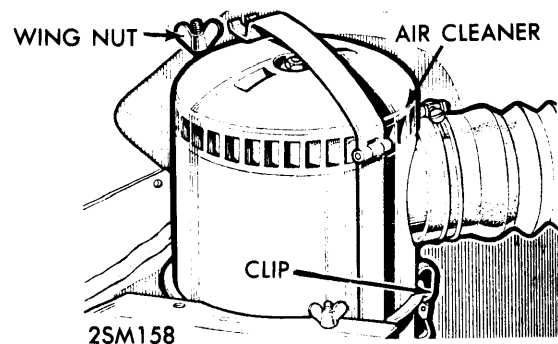
TOP COVER BREATHER FILTER

Non-Return Valve — Remove spring clip and remove cover. Remove diaphragm unit complete with orifice plunger, then remove diaphragm spring. Clean orifices, control body and cover in cleaning solvent and check all components for damage or deterioration. Reassemble by replacing spring and diaphragm, replace cover and install spring clip.



NON-RETURN VALVE

Air Cleaner — Every 12,000 miles clean the air cleaner. Loosen wing nut, release clamping strap and disconnect outlet elbow from carburetor intake hose, remove cleaner from vehicle. Remove oil bowl from bottom of cleaner by releasing 3 clips. Clean bowl and refill with fresh engine oil. (Capacity is approximately .9 qts.) Clean filter in cleaner and shake off surplus. Replace bowl and reinstall complete unit in vehicle.



AIR CLEANER