

Crankcase Ventilation

CAPRI CLOSED

Capri (1970-73 All Models)

DESCRIPTION

Capri closed crankcase ventilation system components consists of an oil separator, a PCV valve, a sealed oil filler cap and connecting hoses. PCV valve on 4 cylinder models, is located on the oil separator (on fuel pump mounting pad). On 2600 cc engines locate the PCV valve in the lower carburetor spacer.

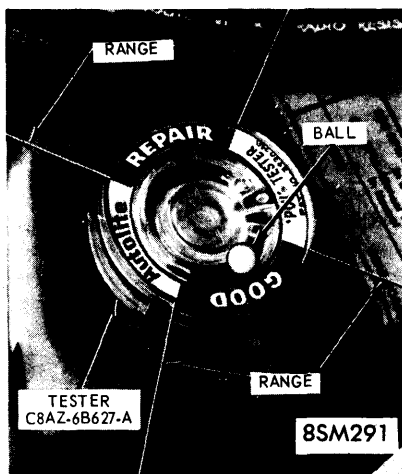
OPERATION

Air from the air cleaner enters crankcase through connecting hoses and crankcase fumes and vapors are vented, through oil separator, to the PCV valve. Fumes are then drawn through the PCV valve and into the intake system to be burned in the combustion chambers.

SYSTEM CHECKING

A malfunctioning closed crankcase ventilation system may be indicated by loping or rough idle. Do not attempt to compensate for this condition by disconnecting crankcase ventilation system and making carburetor adjustments. The removal of the system from engine will affect fuel economy and engine ventilation and can shorten engine life. To check operation of system perform either of the following tests.

Air Intake Test – Use tester C8AZ-6B627-A. Tester is operated by vacuum through oil fill opening. With engine at normal operating temperature, remove oil filler cap and hold tester over opening. A seal must be formed between tester surface and oil filler opening. Start engine and allow it to idle. If ball settles in **Good** (green) area, system is functioning properly.



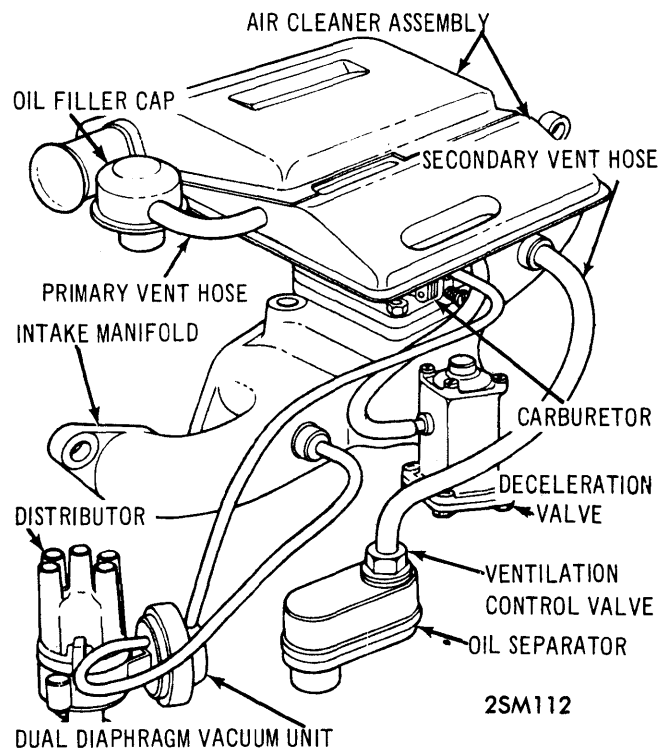
CRANKCASE VENTILATION SYSTEM TESTER

ly. If ball settles in **Repair** (red) area, clean or replace malfunctioning components as required. Repeat test to insure that system is operating correctly.

Crankcase Ventilation Regulator Valve Test – Install a known good valve in system. Start engine and compare engine idle condition to prior idle condition. If idle is found to be satisfactory, replace valve and clean hoses, fittings etc. If loping or rough idle persists, valve is not at fault. Check rest of system for clogging or restrictions.

MAINTENANCE

Clean crankcase oil filler cap every 6,000 miles. Every 12,000 miles complete system should be inspected and hoses should be cleaned. Replace carburetor air cleaner element, PCV valve, and clean crankcase vent filler (located in air cleaner), every 12,000 miles.



CAPRI CRANKCASE VENTILATION (2000 cc)
1970-73 ALL MODELS SIMILAR