

1980 Crankcase Ventilation

AUDI

All Models

DESCRIPTION

The crankcase ventilation system for Audi consists of a rubber hose containing a metered orifice. Some late models may contain an inline PCV valve instead of restricted orifice. This hose is connected to the cylinder head cover at one end and the air cleaner at the other end. The system is sealed, and prevents crankcase vapors from reaching the atmosphere by drawing them through the hose and into the air cleaner.

OPERATION

Crankcase vapors and blow-by gases from the crankcase are drawn, by engine vacuum present at the air cleaner, into the cylinder head cover, through the metered opening (or PCV valve) and into the hose which directs the gases to the air cleaner. Here, the vapors and gases mix with the fresh incoming air and are drawn into the engine with the air/fuel mixture to be burned. This reburning of the vapors, lowers the emission output of the engine.

MAINTENANCE

Visually inspect rubber hose connected between cylinder head cover and air cleaner for cracks, damage or restriction about every 15,000 miles or once a year. If a strong smell of hot oil or increased engine noise is evident, check this system for leaks or possible disconnected hose.

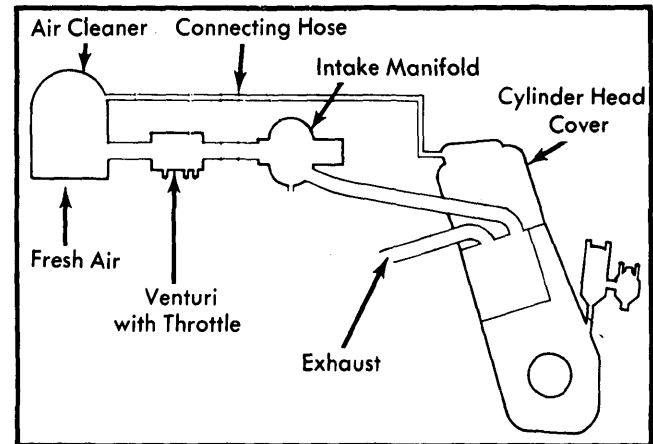


Fig. 1 Audi Crankcase Ventilation System