

1974-79 EXHAUST EMISSION SYSTEMS

Honda Crankcase Ventilation

All Models

DESCRIPTION

Honda uses a closed dual-return crankcase ventilation system. System consists of vapor separator (breather chamber), condensation chamber, a fixed orifice passage, a check valve, and a specially constructed air cleaner with various connecting hoses. The fixed orifice (in the 4-way fitting) is .039" (1 mm) diameter on CVCC engines and .035" (.89 mm) diameter on non-CVCC engines.

OPERATION

During part throttle operation, blow-by gases are returned to intake manifold through breather tubes "A" and "B", and through fixed orifice

and check valve. See Fig. 1. When throttle is opened wider and vacuum in air cleaner housing rises, blow-by gases are returned to intake manifold and carburetor, drawing them into engine.

MAINTENANCE

Every 15,000 miles or 15 months, check for loose, disconnected, or deteriorated hoses. Replace hoses as necessary. Replace check valve. Make sure that fixed orifice at 4-way fitting is clear by passing a .039" (1 mm) drill bit through passage on CVCC engines, or a .035" (.89 mm) drill bit for non-CVCC engines.

