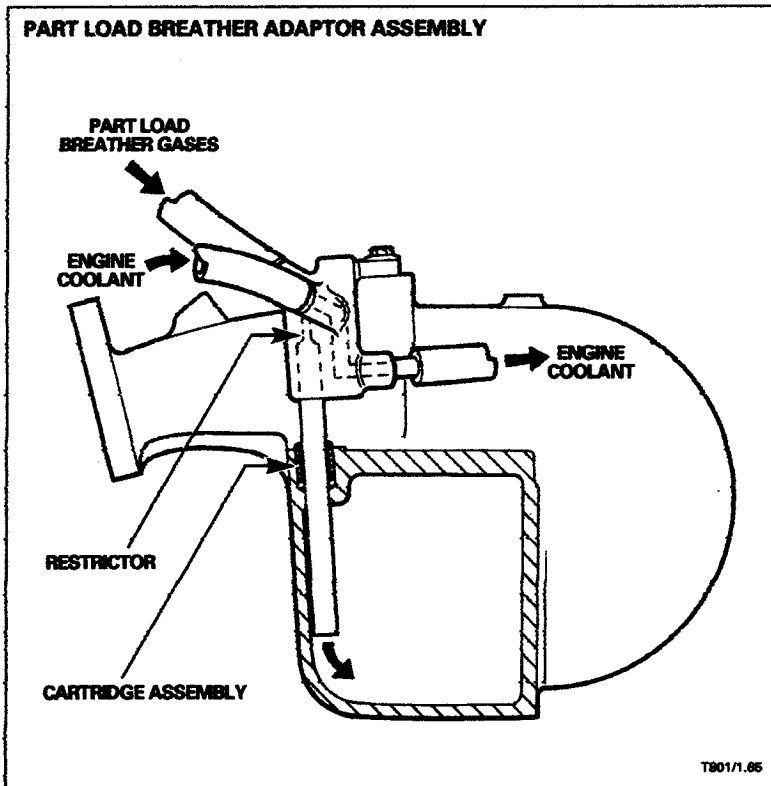


AJ16 4.0 Liter Engine Management System

Crankcase Emission Control



The crankcase emission control arrangement is similar to the 1994 AJ6 arrangement. Crankcase vapor is collected from the camshaft cover. At part throttle, the gases are fed into the intake manifold through a coolant heated restrictor. During full load operation the gases are fed into the engine through both the coolant heated restrictor and air intake elbow connection.

The necessary crankcase vacuum is balanced by the part throttle restrictor and the full throttle orifice in the inlet elbow. The restrictor and orifice sizes have been carefully chosen to control the crankcase vacuum while not flowing so much gas that idle speed is affected.

The part throttle restrictor is coolant heated to prevent icing during cold weather operation.

NOTES