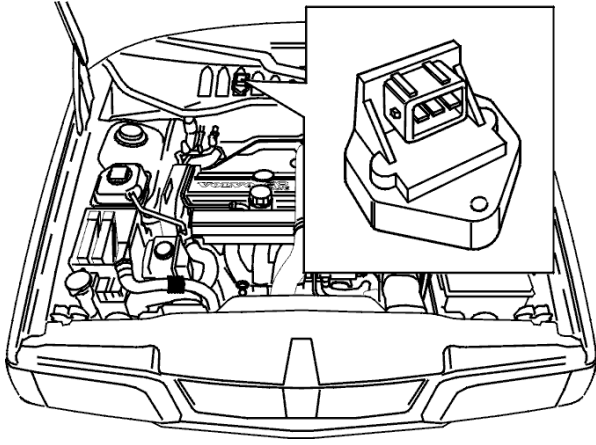


## Acceleration sensor



### Description

The acceleration sensor is installed only in cars produced for certain markets.

The device consists of a piezoelectric vibration pick-up which detects vertical acceleration of the car, for example on a bumpy road. These irregularities may cause uneven engine running.

The ECM uses the sensor signals to distinguish such irregularities from genuine misfires.

The sensor receives a 5 V supply from the ECM. The output signal is 2.5 V when the car is at rest. If vertical movements are present, the signal will oscillate about 2.5 V, the deviation increasing with amplitude.