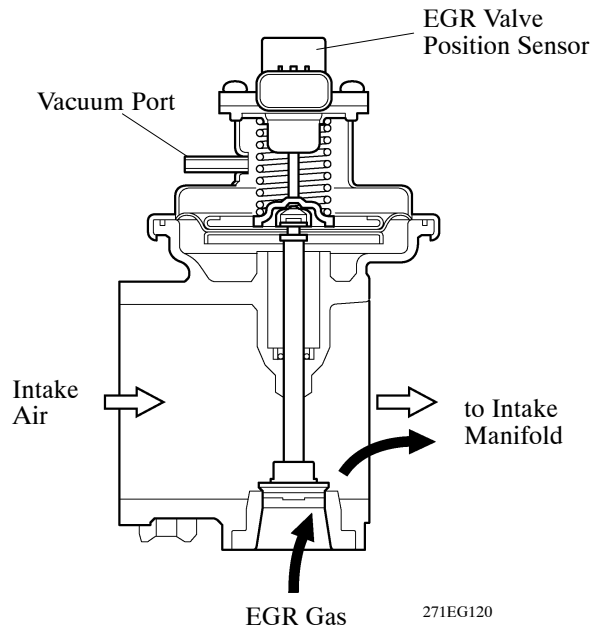


5. EGR

EGR Valve

An EGR valve position sensor has been newly adopted. The EGR valve position sensor has been provided in the EGR valve in order to directly measure the actual amount of the valve opening. This measurement is then input into the engine ECU in order to improve the precision of EGR control.



5

EGR Cooler

- A multi-pipe EGR cooler with inner fins has been adopted to increase the cooling efficiency of the EGR gas, thus optimizing EGR efficiency.
- The cooler contains 8 heat exchanger tubes with inner fins on the inside, and the surrounding engine coolant cools the EGR gas that flows through the inside of the heat exchanger tubes.
- The inner fins have a wavy shape to enhance cooling efficiency and deter them from becoming clogged with carbon deposits.

