

5. A/F Control System

- The air/fuel control system compensates for the basic amount of fuel injection in response to a signal sent from the front oxygen sensor to provide proper feedback control of the mixture. Thus, the stoichiometric mixture ratio is maintained to provide effective operation of the three-way catalyst. The basic amount of fuel injection is preset according to engine speed and loads, as well as the amount of intake air.
- This system also has a “learning” control function which stores the corrected data in relation to the basic amount of fuel injection in the memory map. A new air-fuel ratio correction is automatically added for quick response to the deviation of the air-fuel ratio. Thus, the air-fuel ratio is optimally maintained under various conditions while stabilizing exhaust gases, improving driving performance and compensating for changes in sensors’ performance quality with elapse of time.

<Ref. to 2-7 [M5C0].>