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SUZUKI VITARA 1.6 16V Cat. 1996 (Denso Multip. Inject.)

REQUIRED MATERIALS: KIT LAMBDA CONTROL SYSTEM - A/1 V05 (Code 616170000)
MIXER AB 354
SIMULATOR LR 25 (Code 628071000)

INSTALLATION INSTRUCTIONS

Mixer - Install inside the air intake duct upstream of the throttle body, as shown in the figure. Do not drill the sleeve to install the balancing inlet. It is not necessary.

Lambda Control System-A/1V05 Kit

- The TPS signal can be found on the number 3 grey wire of the 4-wire connector located beside the throttle body.
- The O2 sensor is of the 4-wire type. The two heater wires are black, the white one is for ground, and the blue one is the signal carrier. Tap into the signal carrier with the purple wire of the LCS-A/1 V05 where the wire turns pink-blue. Isolate the grey wire and leave it disconnected.
- Connect the black wire of the LCS-A/1V05 to the battery negative post to achieve ground.
- To connect the RPM signal, tap into the brown-white striped wire of the 7-wire connector located on the distributor.
- To connect the +12V switched ignition, tap into the white-black wire of the 7-wire connector located on the distributor.

Assorted - We recommend disabling the idle control motor during alternative fuel operation in order to prevent possible idle instability. To this end, cut the green-black striped wire of the 2-wire connector of the idle control motor, and connect the resulting ends to the yellow wires of the LCS-A/1 V05.

Recommended tanks - LPG: one 60-litre tank.
CNG: one 85-litre cylinder (355 mm x 1075 mm).

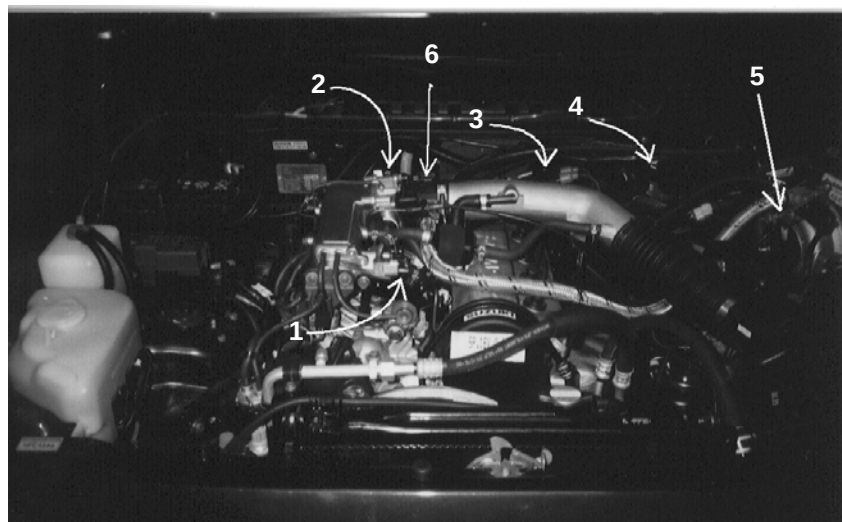
Programming - Before switching the vehicle to alternative fuel, it is necessary to program the V05 computer as follows:

NUMBER OF CYLINDERS → 4 CYLINDER

TPS TYPE → LINEAR 0-5V

OXYGEN SENSOR TYPE → 0-1V

OXYGEN SENSOR SIMULATION TYPE → SQUARE WAVE



- 1) Idle control stepper motor
- 2) TPS
- 3) Ignition coil
- 4) O2 sensor
- 5) Regulator
- 6) Mixer