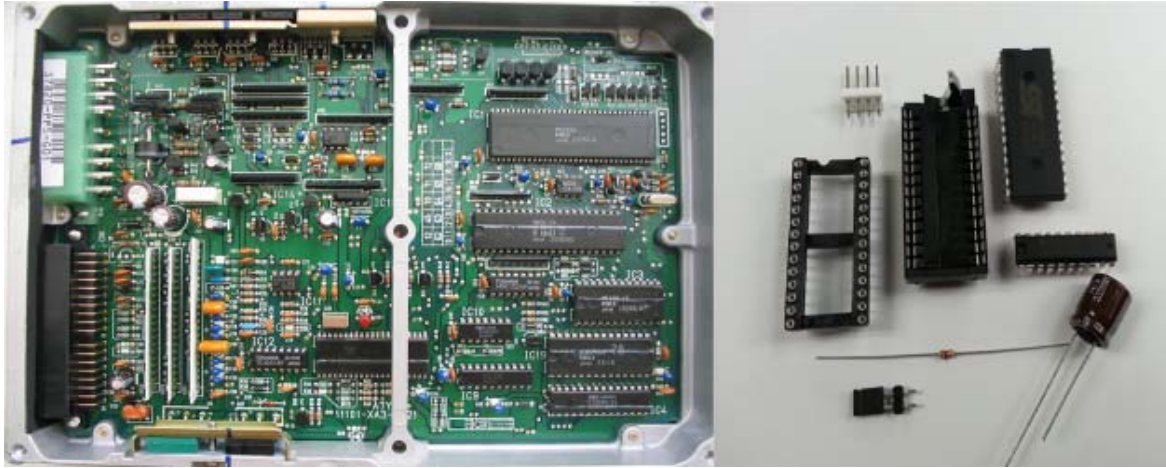


Vehicle's ECU had been "modified"



(Picture shows ECU with its chipset upgrade components right)

The vehicle was presented to the workshop with the engine cooling fans not operating.

The technician had diligently checked voltage supplies, grounds, changed relays, continuity checked the wiring, but had come up with no answer, was it the ECU? After all, the fan circuit was ECU controlled.

Frustrated, the workshop tech lifted off the cover of the ECU and at first all appeared in order.

However, on closer inspection he noticed that one of the chips mounted on the board was in his words "different". He replaced the "modified" ECU with an original unit and the cooling fans now operated as normal.

Quizzing the owner, it was learned that the vehicle had recently been purchased at auction.

The model of this vehicle is irrelevant in that a large number of OEM ECU's can in part be manipulated and reprogrammed with the correct tools and software. Chipsets can be removed and "quick sockets" fitted to allow the swapping over of read only memory chips (ROM's), giving the tuner swappable performance. All is well until corruptions like "fan control" appear causing headaches for repairers.

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