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Nowadays, only a few people are aware of the fact that their cars are equipped with computers even though most of the car drivers and owners are aware of the fact that there are up to seven microprocessors in the vehicle. These processors are capable of enhancing safety, comfort, performance and they are environment-friendly as well. What is the work of Engine Control Module (ECM) in a car? It controls the ignition timing, fuel injection and everything else that makes the driving to be smooth. In case of any malfunctioning in the ECM, it should be replaced immediately. It has been mandated by many federal governments that the fuel injection systems and ignition in motor vehicles must be controlled by computers.

Reason for mandating of computerization of these systems is safety, fuel efficiency and finally to bring down emissions. In many cases, it becomes difficult for car owners to find out the real cause for starting problems in cars. Some people spend lots of money on repairs and replacement of parts before realizing the fact that the Dodge ECM should be replaced. To avoid wastage of money, it becomes essential to identify the problem properly. Parts like intake cam sensors, Throttle position switch, injectors, ISC motor, battery and battery are generally misdiagnosed as faulty. Therefore, if the mechanic is not able to realize that that fault is with Dodge ECM, the car owners will have to spend a lot of money in replacing parts that actually do not require any replacement.

ECM in a vehicle is also referred by other names like Digital Diesel Electronics, Power-Train Control Module, Digital Motor Electronics and it is essential for keeping the modern day engine to keep running without causing any problems to the owner. In recently manufactured vehicles, Power Control Modules are capable of handling the sensor of the engine in real time. The software aspect of ECUs is referred to as firmware and these software programs are reprogrammable in some cases by chip replacement or with the help of updated code.

There are companies offering service of quality replacement of auto computers and they are experienced in replacing the power control module devices in such a way that the car owners can make their vehicles to run smoother as it ran when it was purchased. Moreover, some of these service providers sell ECMs online in such a way that car owners can purchase them at the comfort of their home and can get them replaced with the help of their own mechanic.

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Solo Auto has dedicated technicians that can repair PCMs, a transmission control module, ECUs and ECMs, usually within 24 to 48 hours and have your unit back in the mail.We specialize in flashing and calibrating all a Jeep pcm, Crysler, and Dodge Computers Programmed to vehicles and Mileage.We sell and service all makes and models of vehicles,may be impossible to repair.For more details please visit us in online.

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