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FUEL INJECTION SYSTEM: STUDIES AND
COMPARISON OF PROTON, JAPANESE AND
CONTINENTAL CARS.

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ABSTRACT

When the early engines were made for road use, their successes and failures were based on a trial and error basis. There were no computer or past generations of engine to depend on.

The early day automotive engine designers were the founders of today's super powerful and efficient engines. For many years, innovative engine technology has been a development priority of industri automotive. In particular, there has sought to improve engine efficiency in an endeavor to meet growing environmental demands. Such as those for energy conservation and reduce of CO₂ emission to limit the negative impact of the greenhouse effect.

The aim of this project is to compare the 'FUEL INJECTION SYSTEM' from continental, Japanese and Malaysia (Proton). The content of an account is describing the comparison of fuel injection system from compression, fuel consumption, types, and many more. The comparison to shows which types of the system has the greatest potential to optimize fuel supply and combustion, which in turn can deliver better performance and lower consumption.

Even than, more than a century ago, there was already recognition for the need to produce engines that more efficient.

The report consists of five chapters, first the introduction present on overview on fuel injection system. Chapter two will give an explanation about new system from Mitsubishi Motor. This can be achieved through the use of new processes that lower consumption and higher output.

The following chapter will describe about fuel injection system from Proton (Perdana V6). It's use the L-jetronic in fuel injection system.

In chapters 4, it gives an explanation of K-jetronic system on Mercedes Benz. It's explains about it work and function.

Finally the chapter will describe the comparison from the all system and find the better system, lower consumption and higher output.

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