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2 â€¢ An internal combustion engine is a device in which the chemical energy of the fuel is released inside the engine and used directly for mechanical work. I C Engines Examples: â€œPiston Engines â€œGas Turbine Engines (Open Cycle) â€œRocket Engines

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228 Internal Combustion Engines Chap. 4 2. Compression. The intake valve is closed and the rising piston compresses the fuel-air mixture. Near the top of the stroke, the spark plug is fired, igniting the mixture.

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### **Chapter 3 Construction of an Internal Combustion Engine**

(i) External combustion and (ii) Internal combustion. In a steam engine the combustion of fuel takes place outside the engine and the steam thus formed is used to run the engine. Thus, it is known as external combustion engine. In the case of internal combustion engine, the combustion of fuel takes place inside the engine cylinder itself.

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It is easier to achieve a complete combustion in this type of engine. In addition. The high efficiency : it is function of the temperatures of the hot and cold sources. . . . there is no expansion in the atmosphere like in the case of an internal combustion engine. the overall efficiency can be very high. . . . parte 2.pdf. Uploaded by. Vitor ...

**Sterling Engine | Internal Combustion Engine | Piston**

An internal combustion engine is any engine within which the fuel is burned. The four stroke and two stroke cycle gasoline and diesel engines are examples of internal combustion engines because the combustion chamber is located within the engine. In this task, an internal combustion engine, referred to as the piston engine, will be described. 2.

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