**Way to increase the efficiency IC engine**

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**Application of heat resistant material in the IC engine**

Power produced in the IC engine is classified as indicated power and brake power .If consider the thermal energy with respect to these two powers and the actual thermal energy produced due to the fuel combustion ,the energy corresponding to these powers is much less than the energy produced during the fuel combustion.

Indicated power is the power exerted by the combustion gases onto the piston ,much of the combustion energy is lost in the form of radiation, cooling and by other means due to which the indicated power is much less than the actual power that is being produced by combustion of fuel.

To avoid the loss of the produced energy ,both the combustion chamber and the piston head is to be coated with the heat resistant material ,so that ,heat that is being produced by the combustion of fuel will have no other option except to impact on to the piston , generally, the efficiency of an IC engine always lies between 18-30% only! So ,in my view ,if the energy loss is minimised, efficiency of the IC engine can be maximised.

*Keywords :heat resistant material coating, combustion chamber, piston head, radiation, indicated power, energy loss,IC engine.*