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Combustion Engine An internal combustion engine  
(ICE) is a heat engine in which the combustion of a  
fuel occurs with an oxidizer (usually air) in a  
combustion chamber that is an integral part of the  
working fluid flow circuit. In an internal combustion  
engine, the expansion of

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Fundamentals ...

Fuel is injected directly into the cylinder (or into a prechamber which is connected to the cylinder for indirect injection engines), just before (some 5 CAD) the desired start of combustion. High pressure injection produces small, high velocity fuel droplets which vaporize rapidly in the sprays.

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