

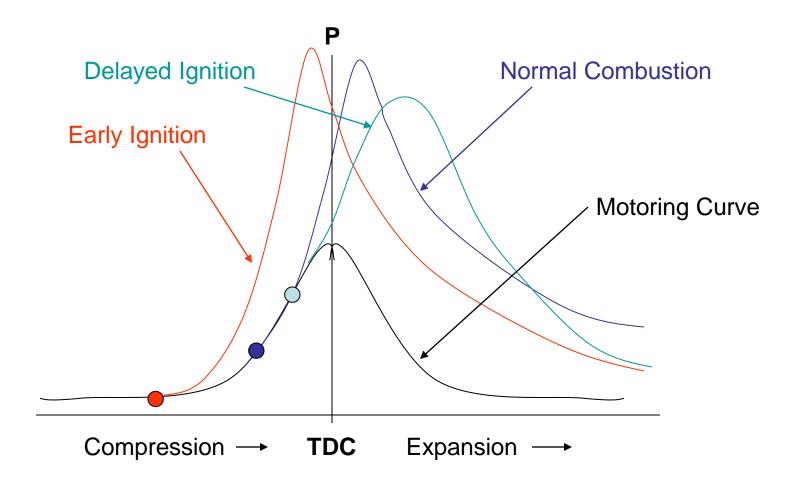
Internal Combustion Engines

Lecture-9

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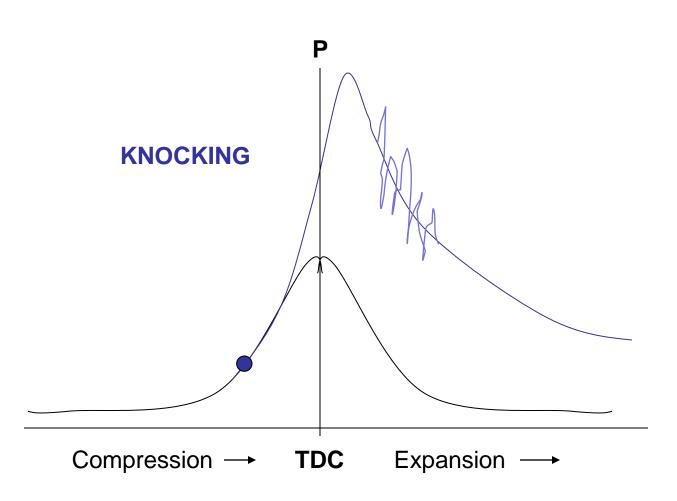
SI ENGINE COMBUSTION



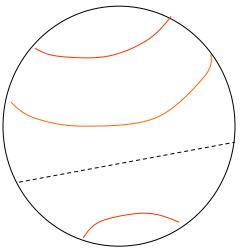


SI ENGINE KNOCK





Ignition due to spark



Ignition due to pressure



Knock Reduction

- Designing cylinder shape and size
- Placing spark plug properly
- Adding additives to fuel
 - Octane No.



Thank You