

## Introducing the Carnot Engine

•	Explain what happens during each of the four steps of the Carnot engines operation. Number each of the steps for ease of referral in subsequent questions.
•	During which steps of the Carnot cycles operation does the gas in the piston do work on its
	surroundings?
•	During which step of the Carnot cycles does the surroundings do work on the gas in the piston?
•	During which step of a Carnot cycle is heat transferred from the gas in the piston to its surroundings



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