



Welcome

to

**Nihar Ranjan Mohanta**

**Junior Instructor**

**Power Technology**

**Rangpur polytechnic Institute, Rangpur**

# Power Technology

4<sup>th</sup> semester

## IC Engine Details

Sub. code	T	P	C	T.C	T.F	P.C	P.F	TOTAL
27111	2	6	4	40	60	50	50	200

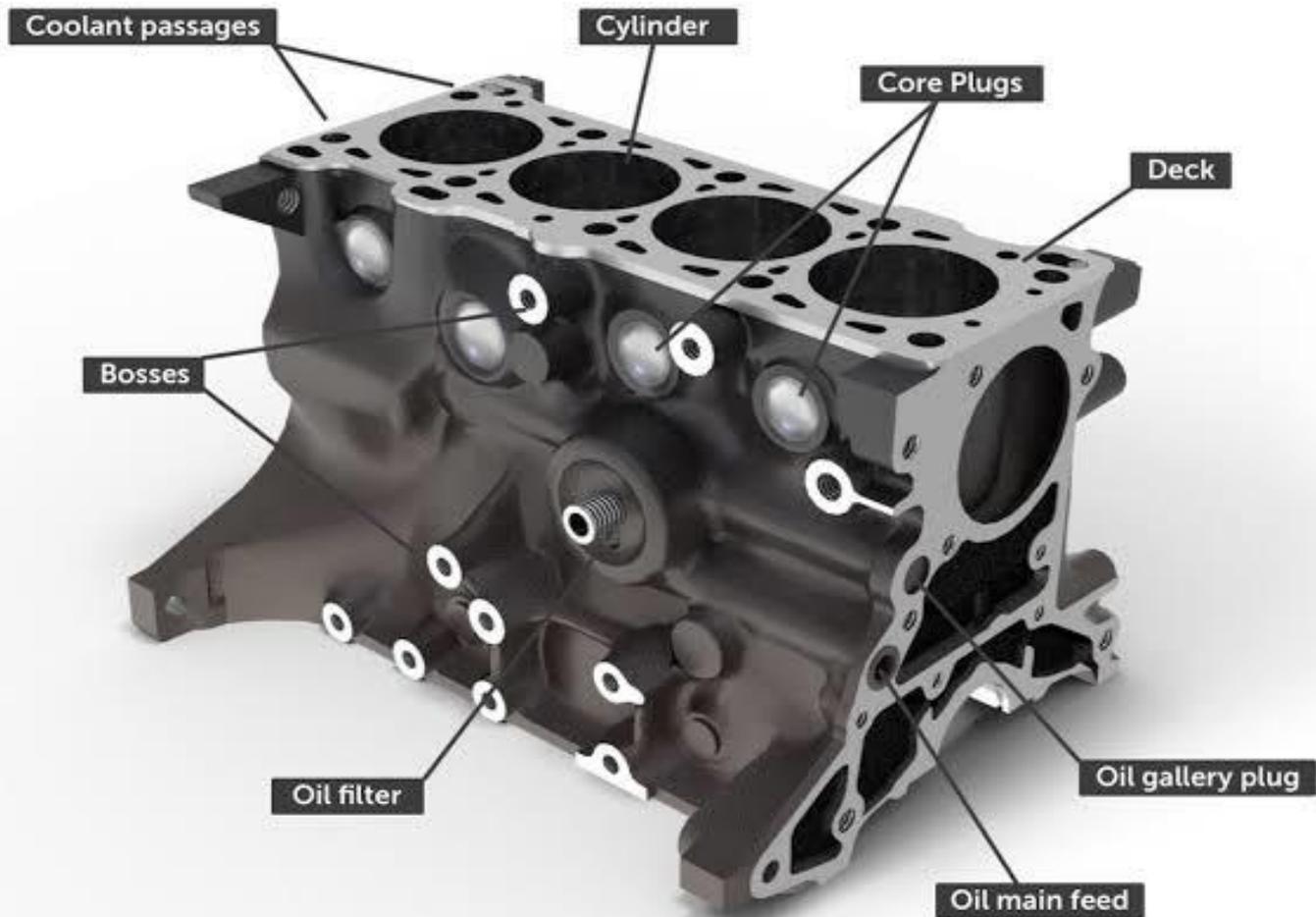
# **Previous slide contain**

- Parts name of petrol/IC engine
- Fixed parts name of petrol/IC engine
- Movable parts name of petrol/IC engine

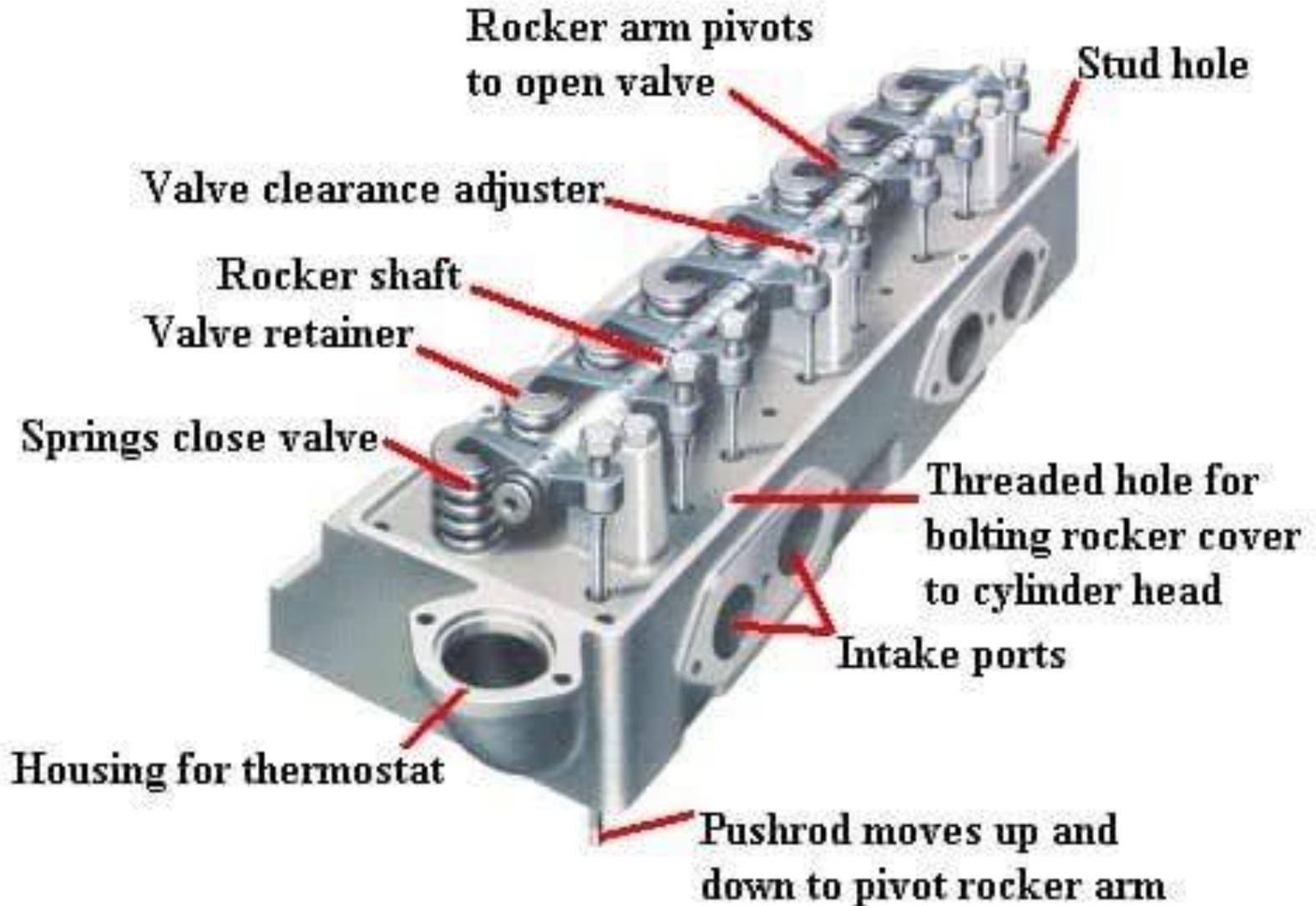
# ***This slide contain***

- Crankshaft
- Camshaft
- Engine block
- Engine head
- Engine head cover
- Oil pan
- Gasket
- Piston
- Piston ring
- Connecting rod
- Valve
- Flywheel
- Piston assembly
- Diesel fuel system
- Petrol fuel system
- Diesel ignition system
- Petrol sparking system
- Colling system

# Engine block



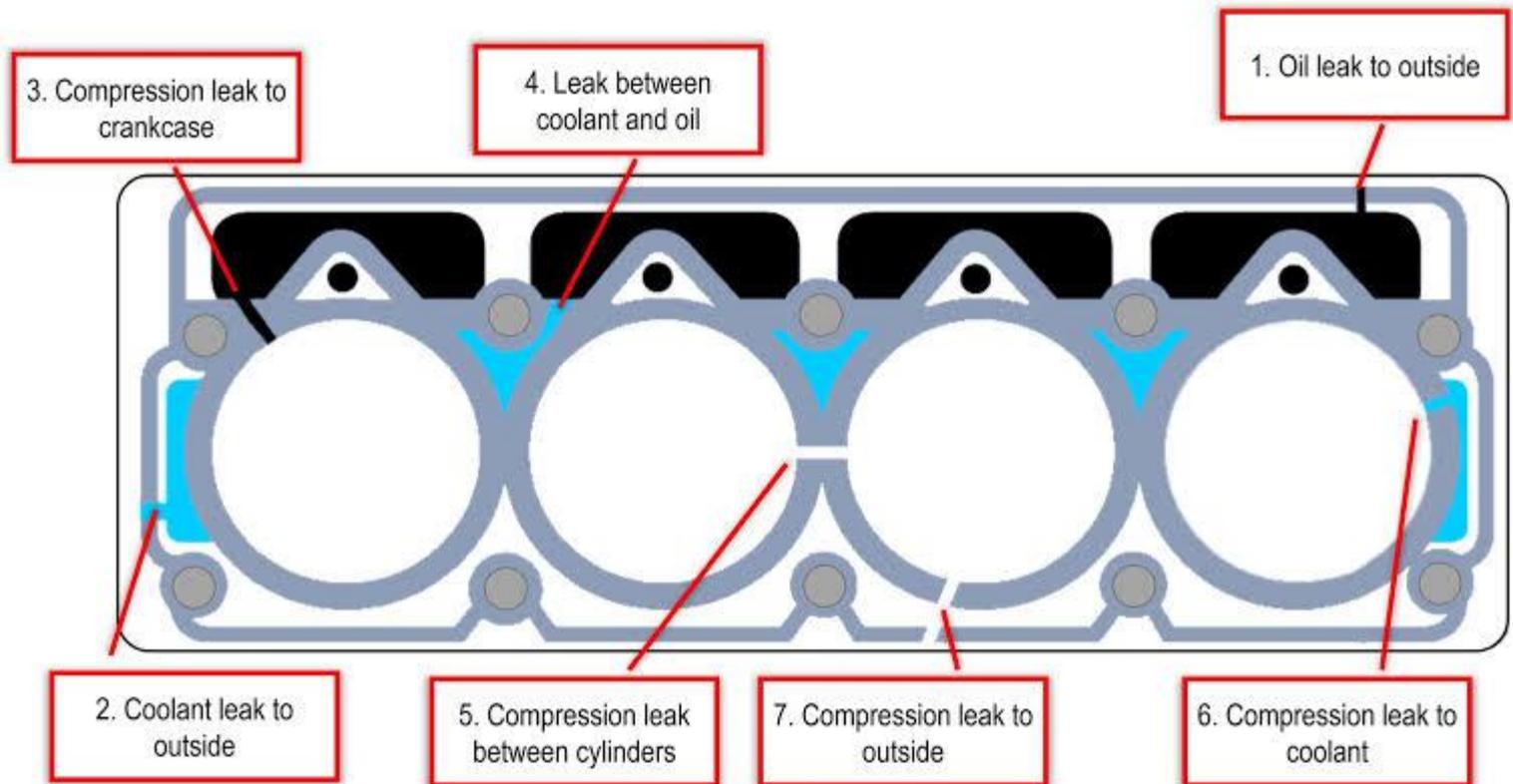
# Engine head



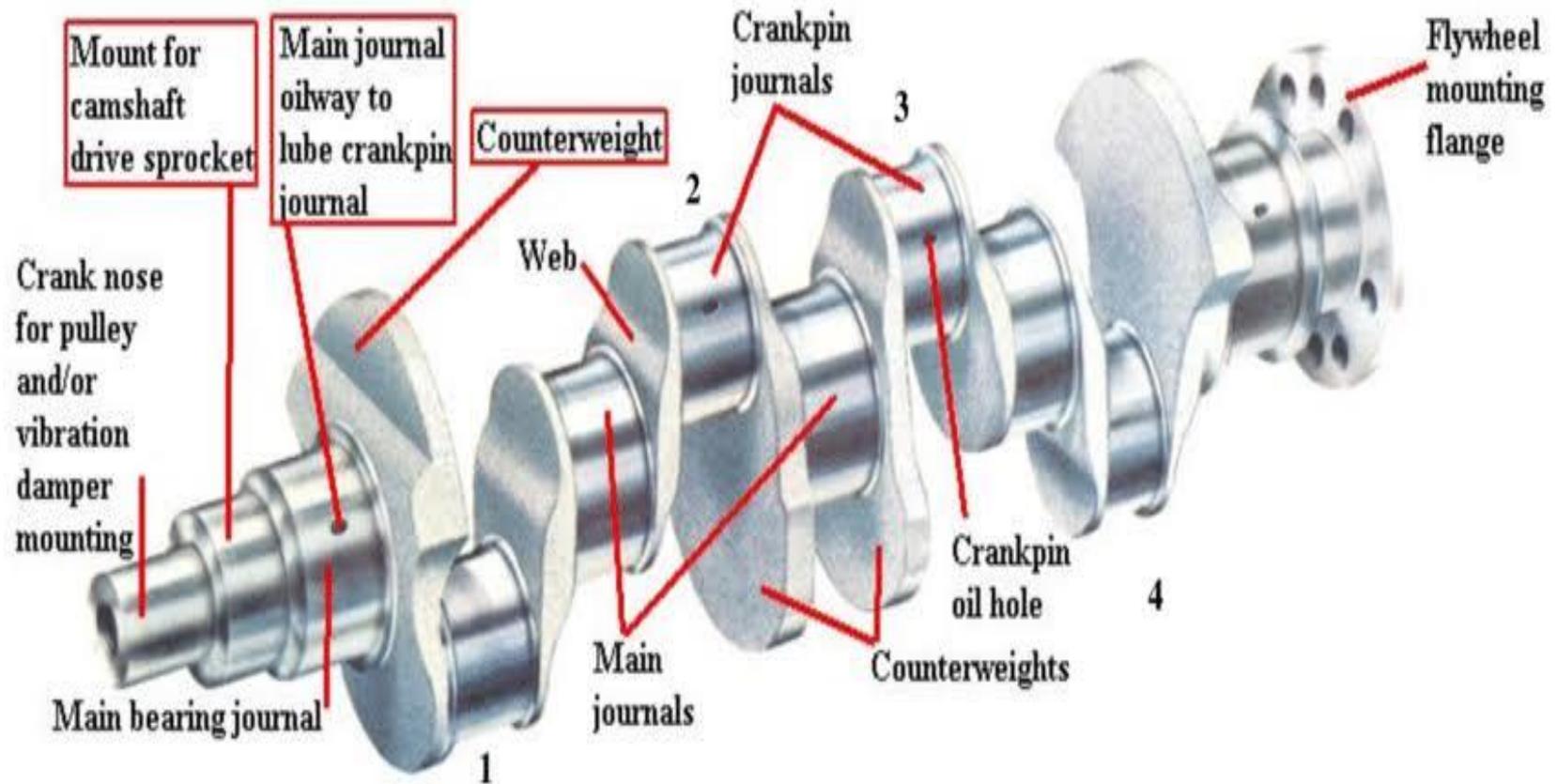
# Engine head cover



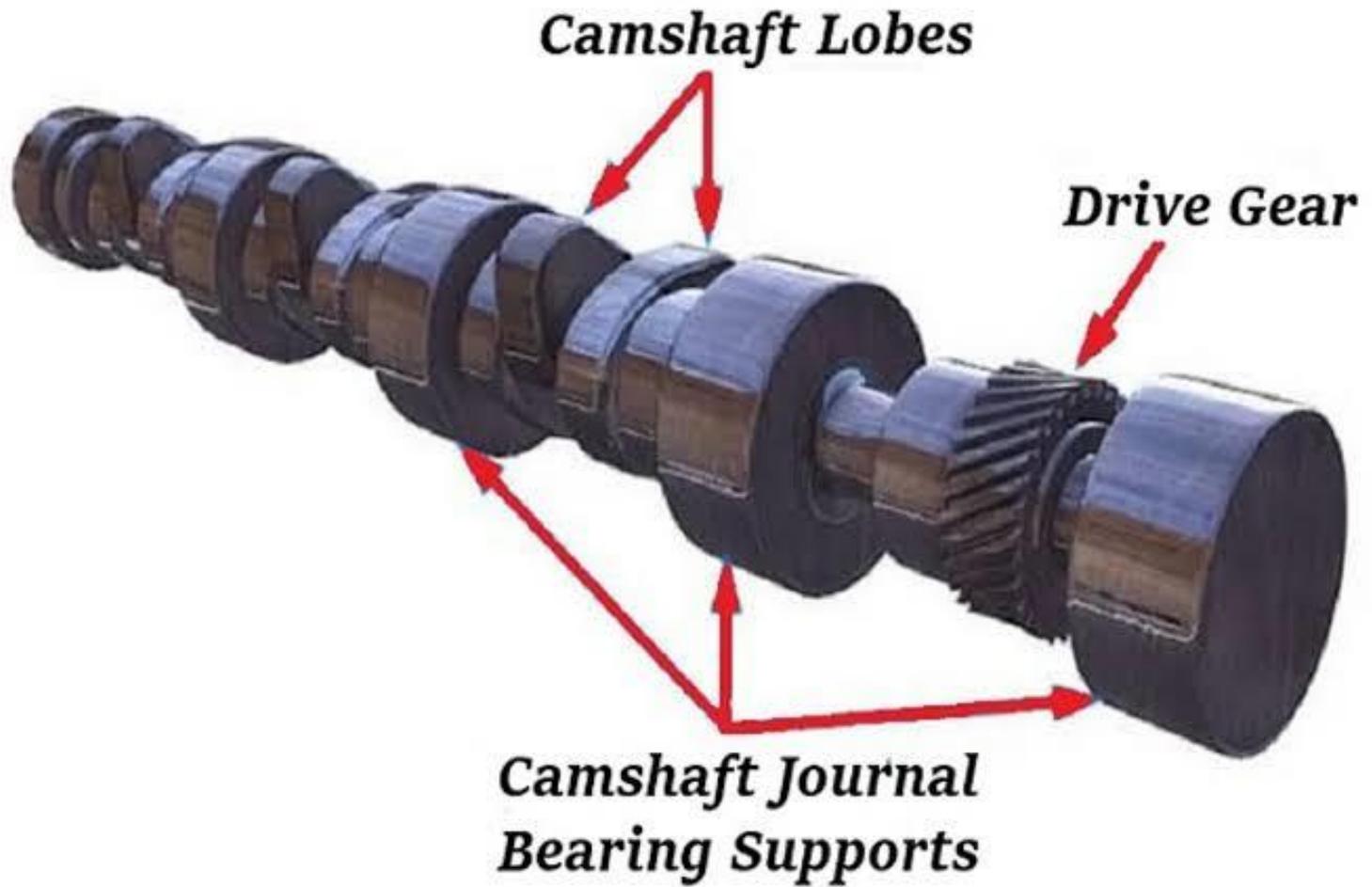
# Oil pan and gasket



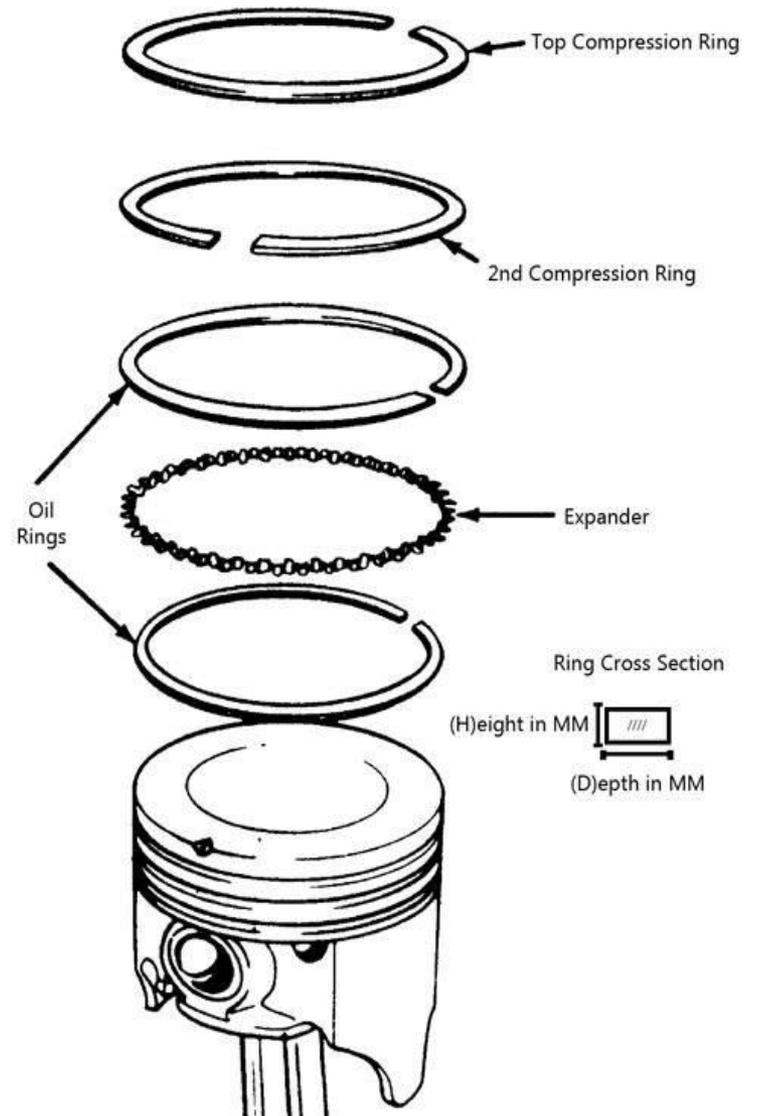
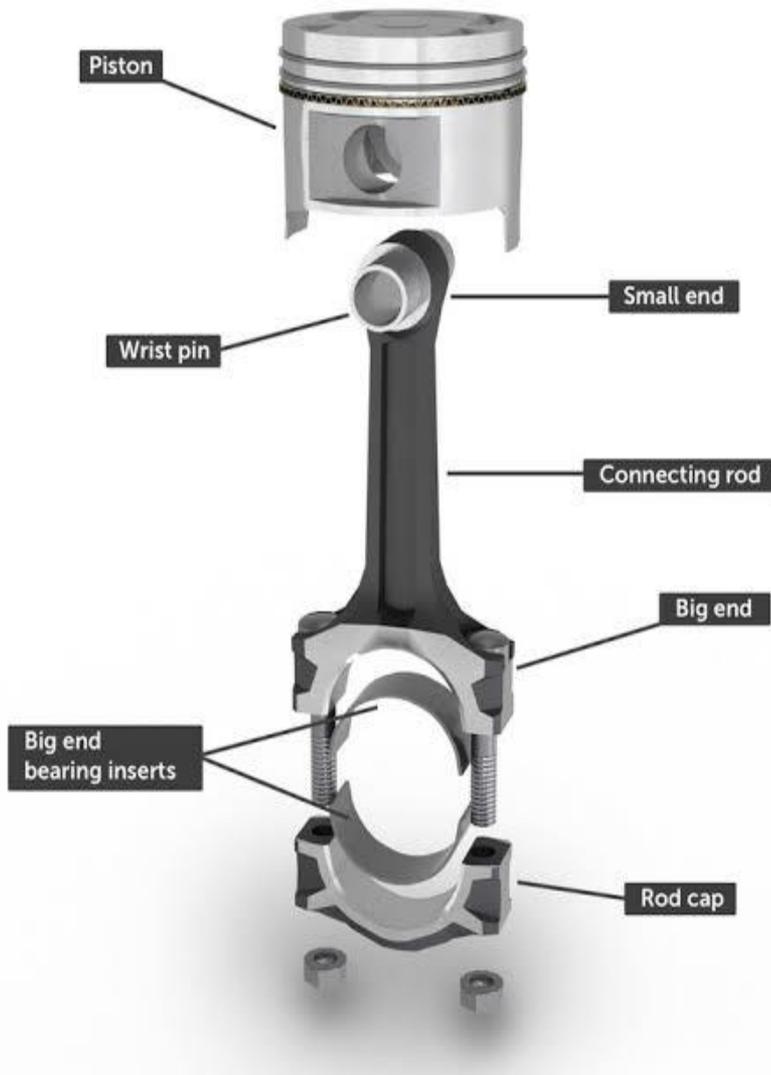
# Crankshaft



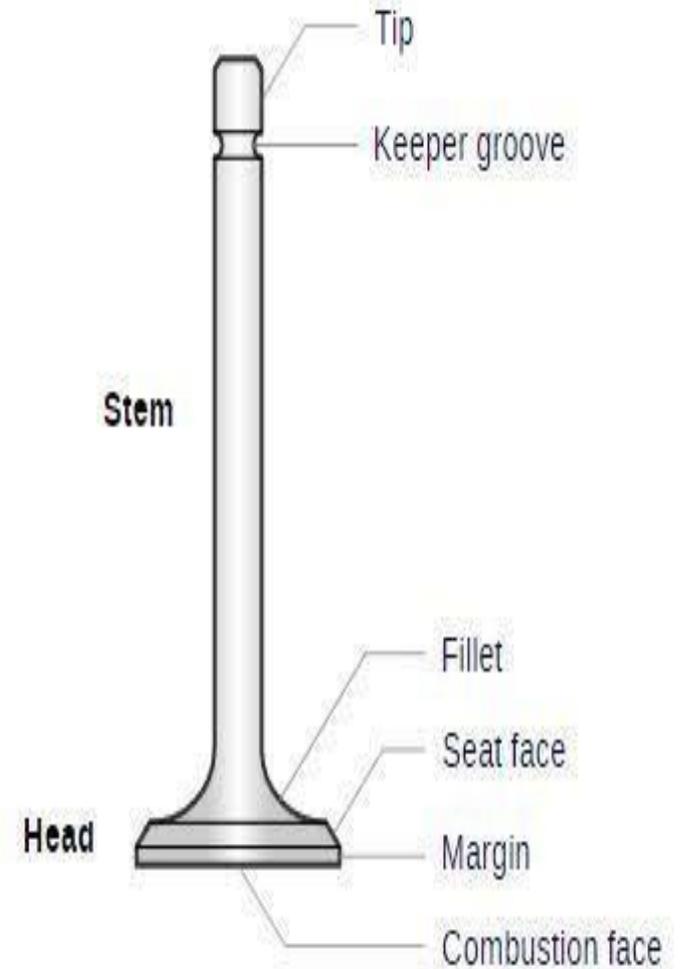
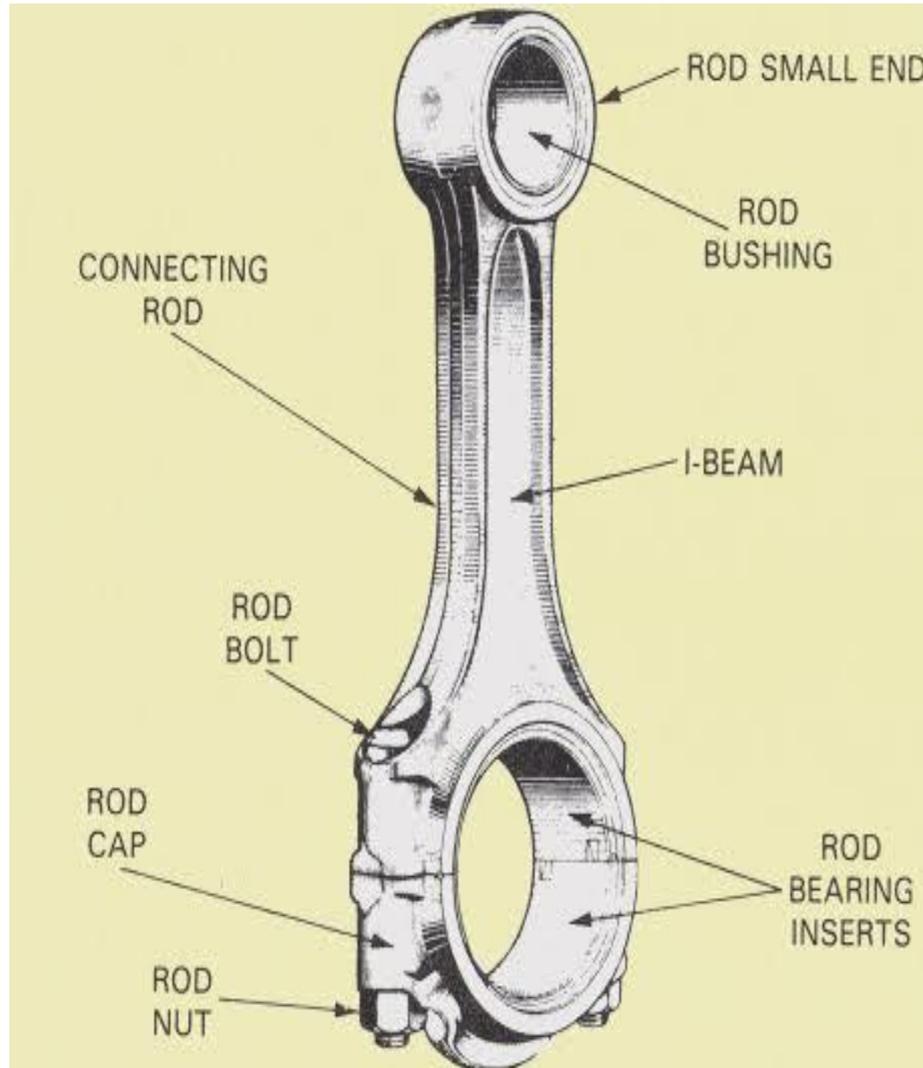
# Camshaft



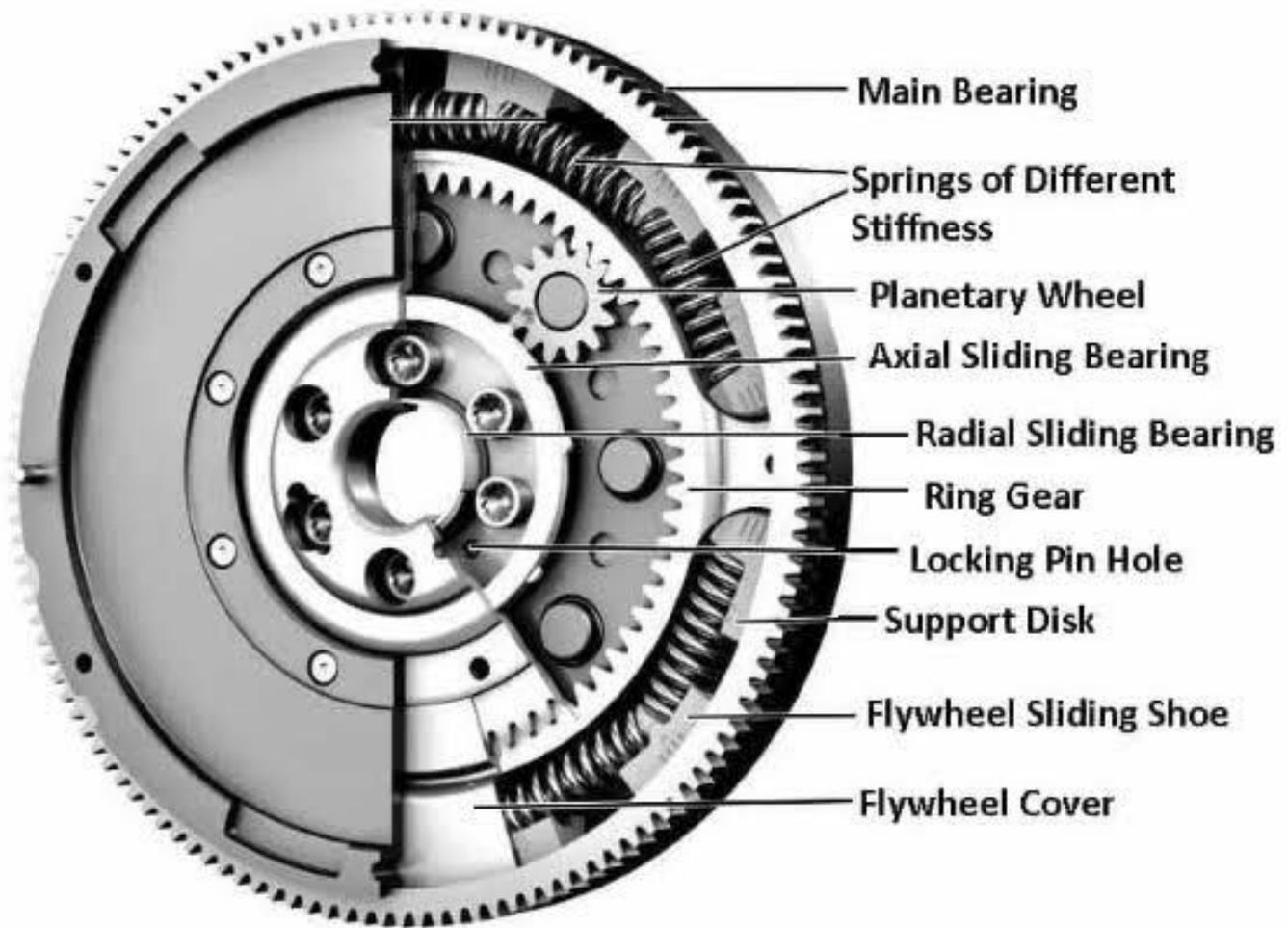
# Piston and ring



# Connecting rod and valve

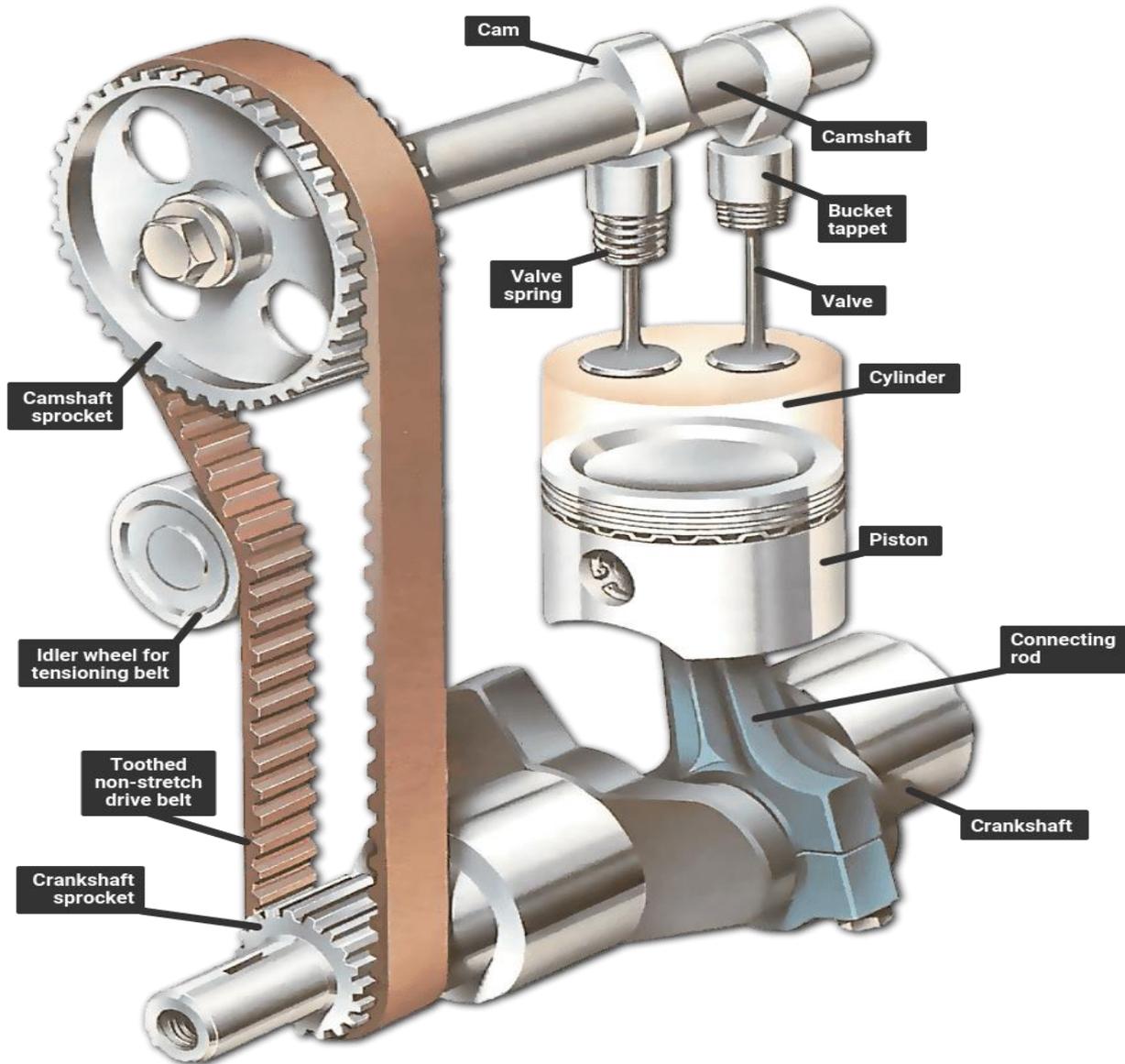


# Flywheel

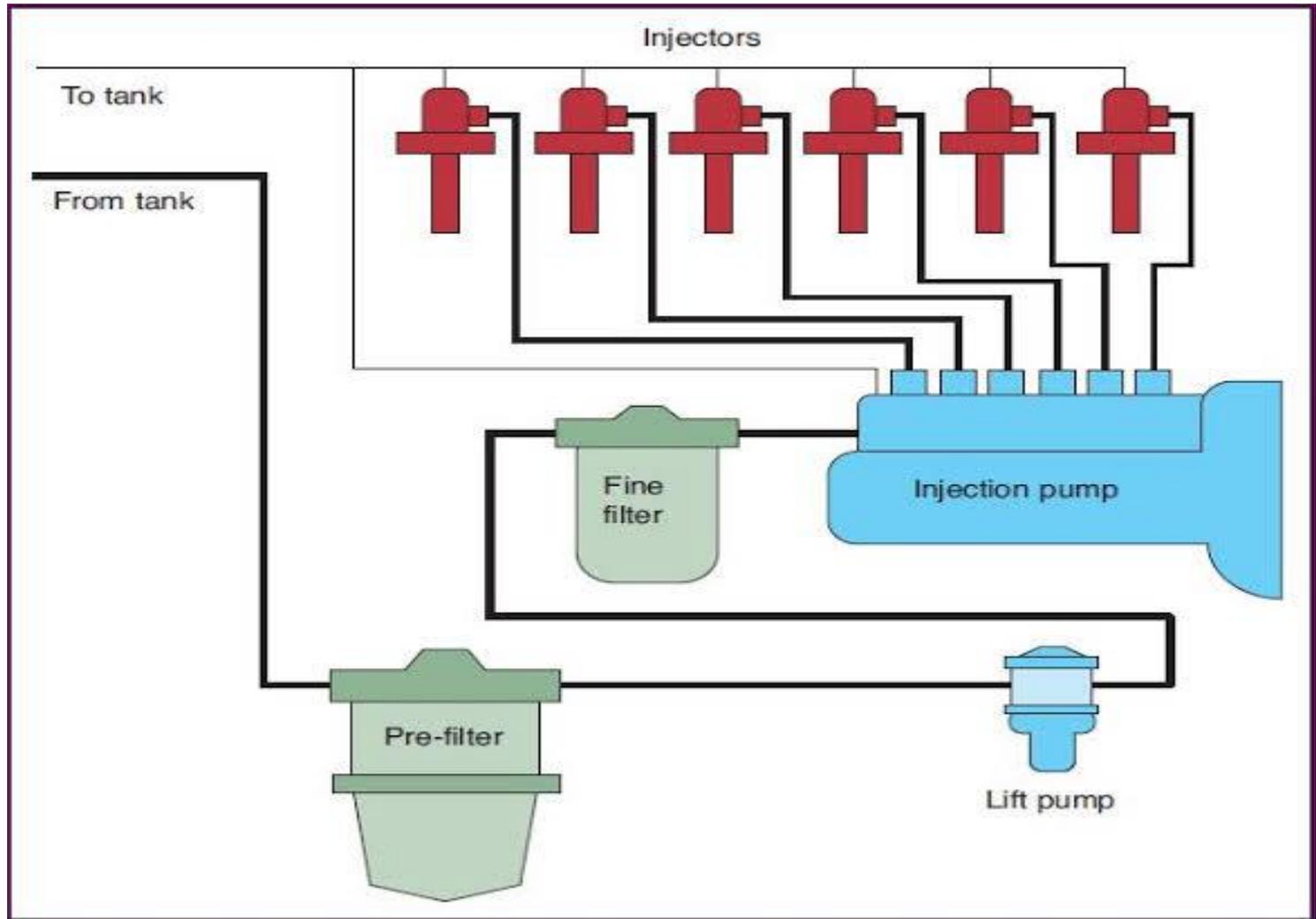


**Parts of Flywheel**

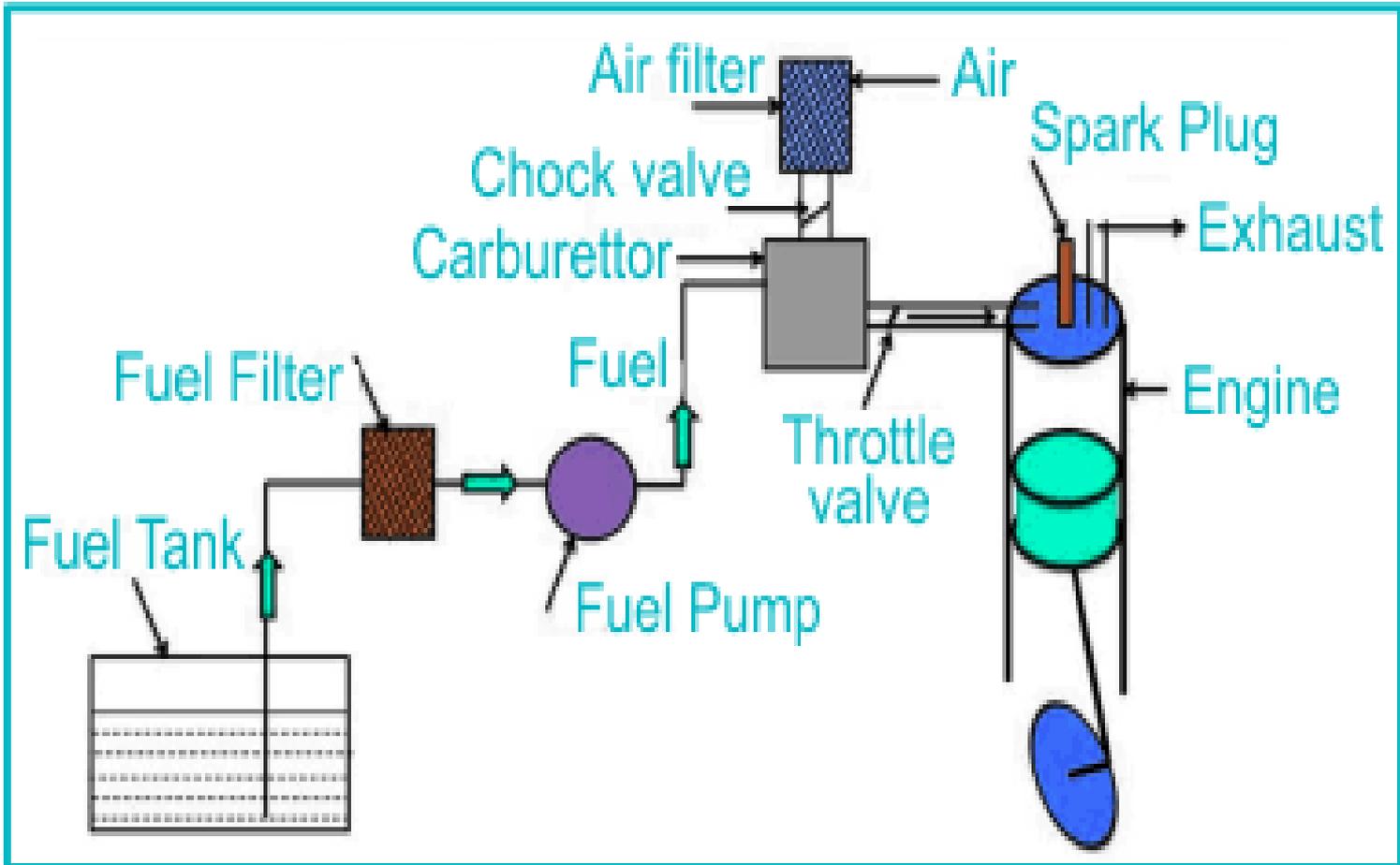
# Piston assembly



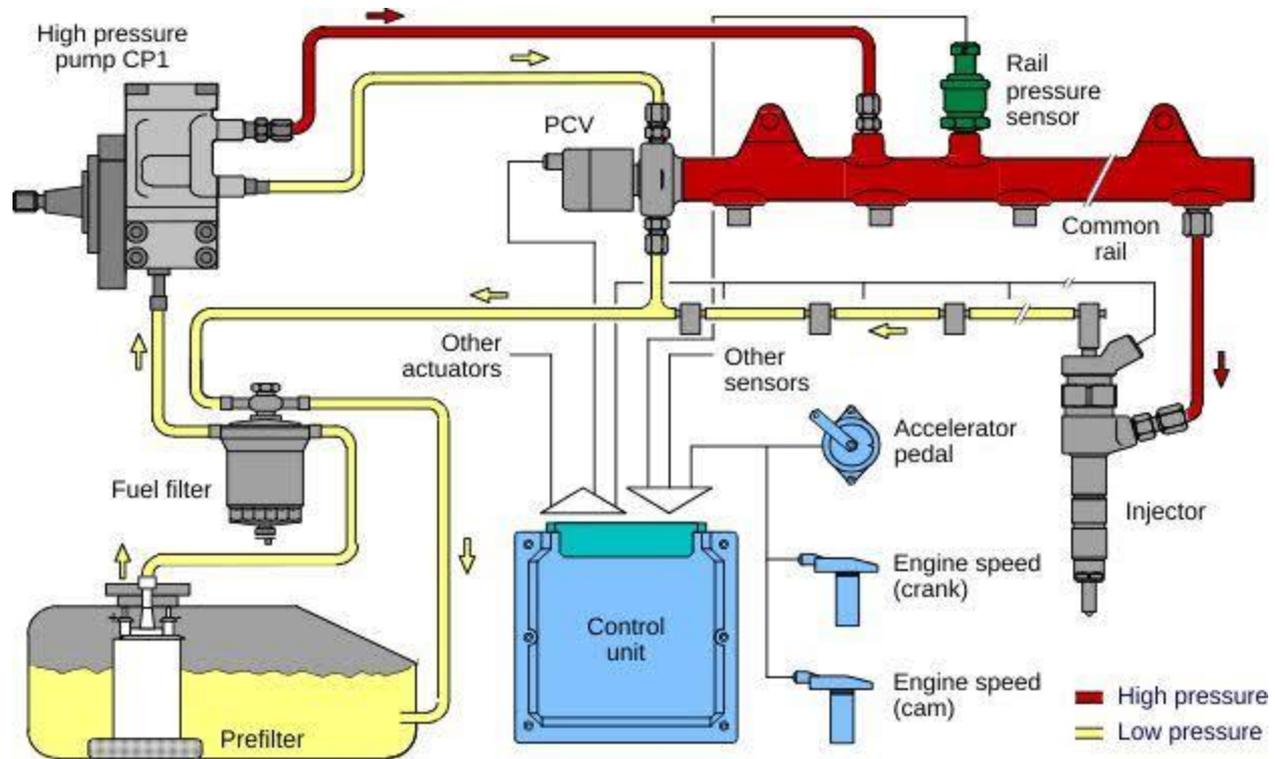
# Diesel engine fuel system



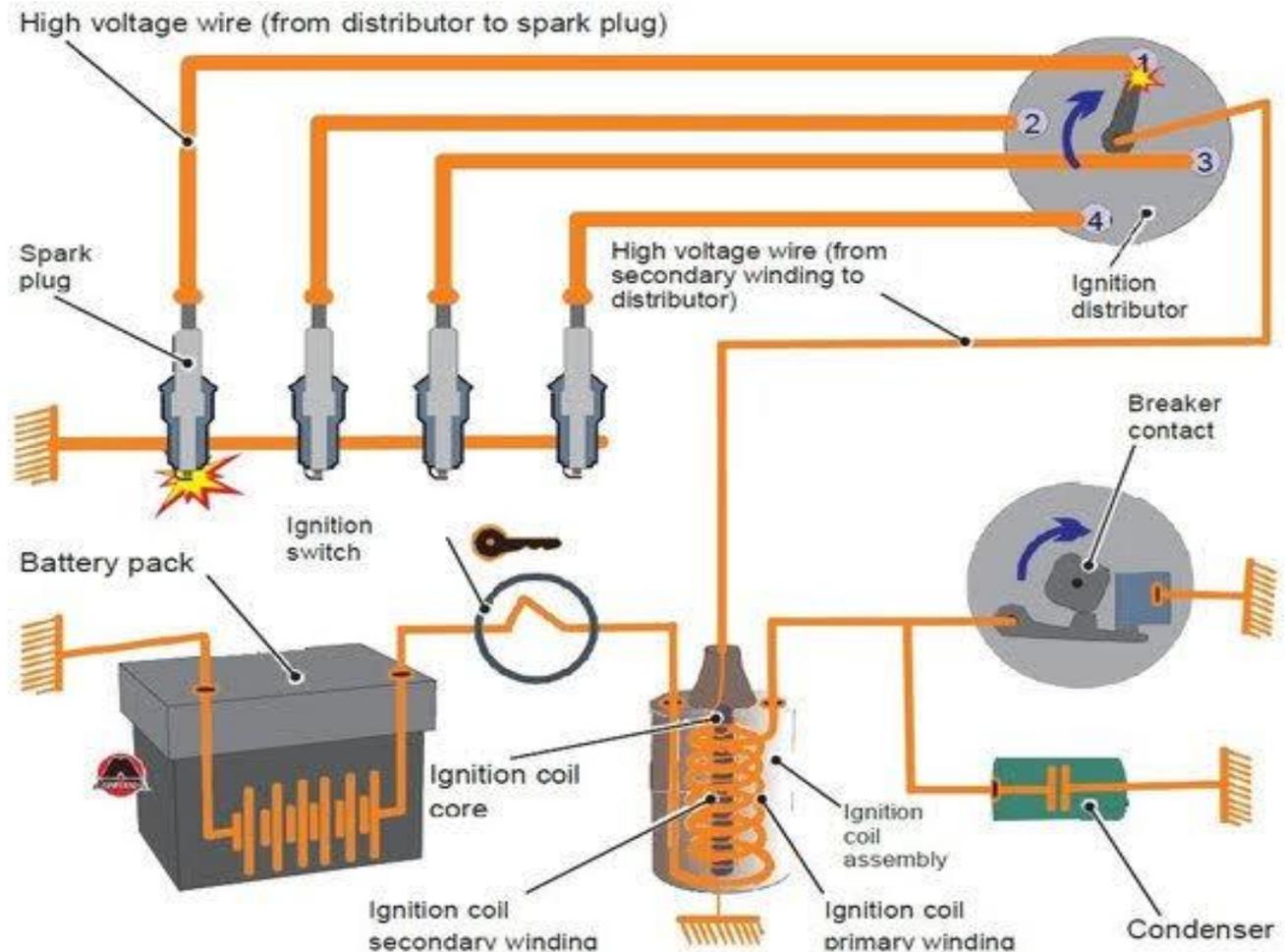
# Petrol engine fuel system



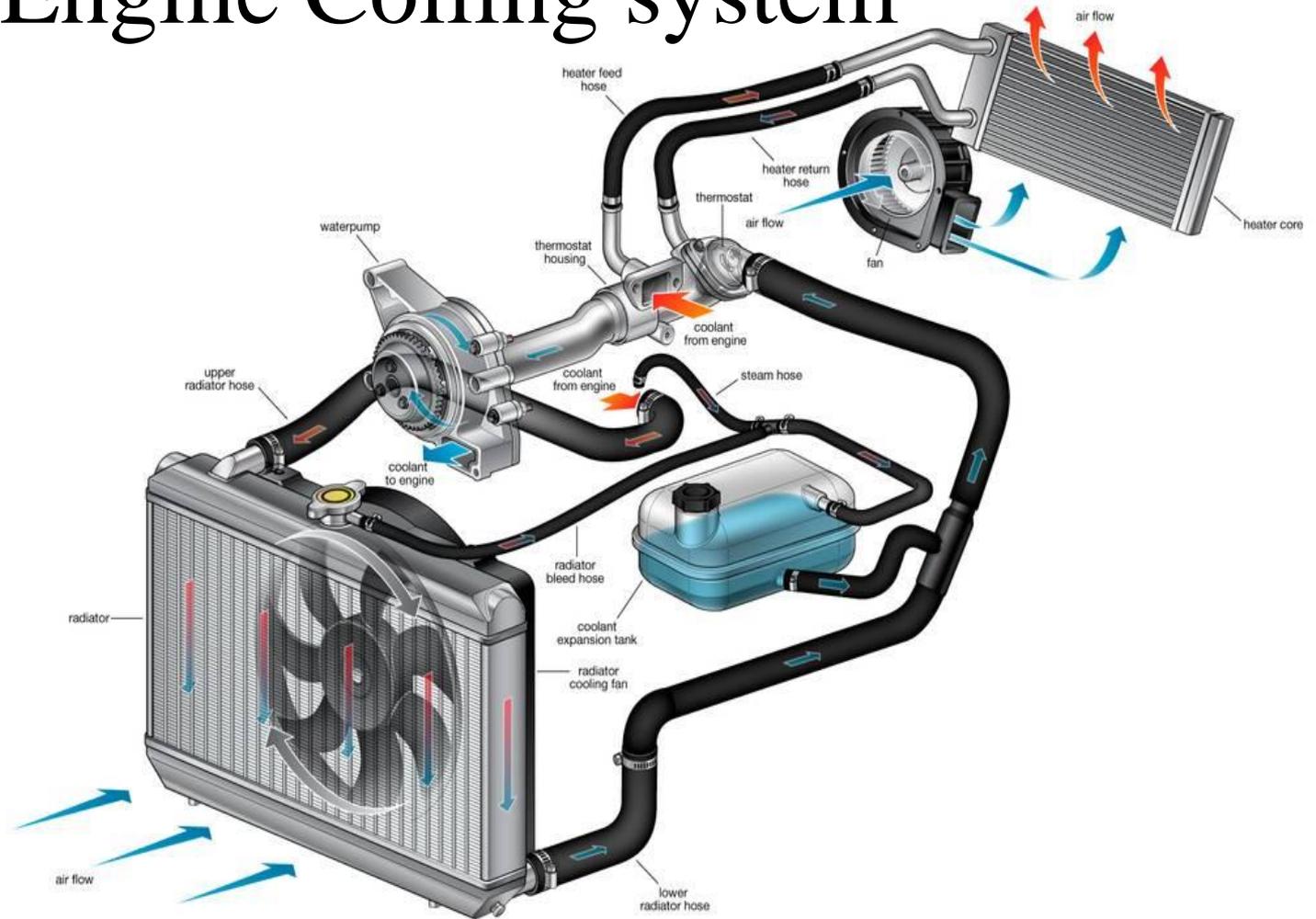
# Diesel engine ignition system



# Petrol engine sparking system



# Engine Colling system



# Overview

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Next class



**Thanks**