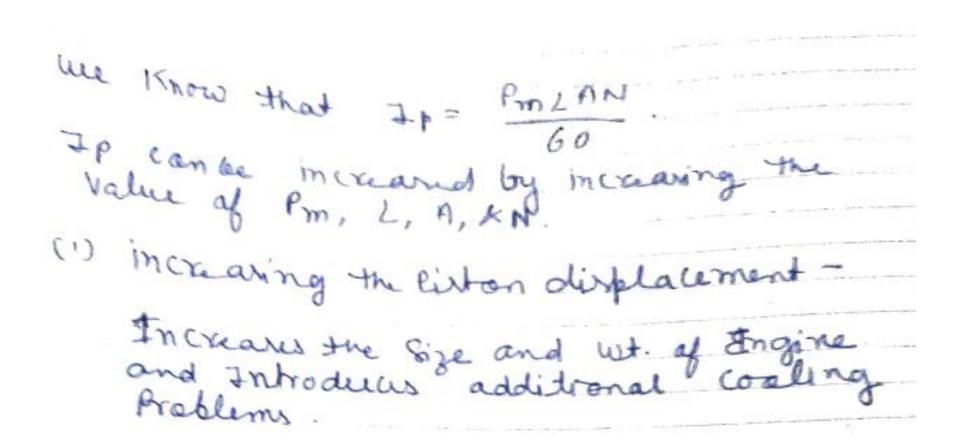


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## Supercharging



(2) Running th Engine at higher speed-Increased mechanical Frictron Losses and impasses greater mentio stresses on Engine speed 3) vorcearing the density of the change or air This allows a greater marsof Charge to be introduce Inducted into Same Valume, Super charging -The mithod of increasing air capacity of an Engine is known as spercharging the device pired to increase the air density is known as super changer.

type of Super charging Michanical Supercharging Turbocharging Super charging done by blower or compressor. I done by

mechanical Superchanging the Blower or Comprision is driven by the Engine crank shaft Turbochanger are driven by Engine Exhaust gas. Blower & Compoursor and the Turkine mounted on the Same Shaft. m. Supe Exhaus 30 mz

SI Engines Superchanging in SI Engine Us done only in air craft and racing can Engine I the intake temp. This reduce ignition delay. Increasing Elame speed. due to this increasing the rendency of Noc Knocking.