

*Fig 4.8 Aerodynamic lift and drag forces with different vehicle styles.*

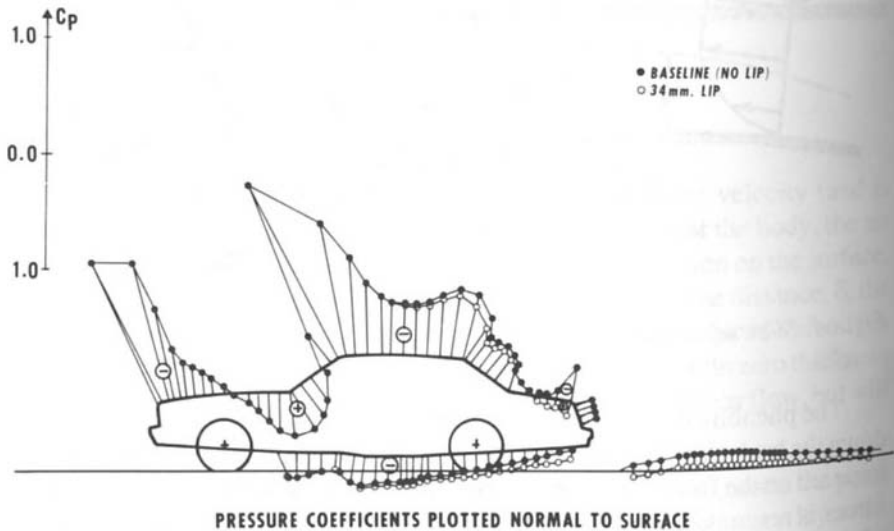


Fig. 4.6 Pressure distribution along the centerline of a car.

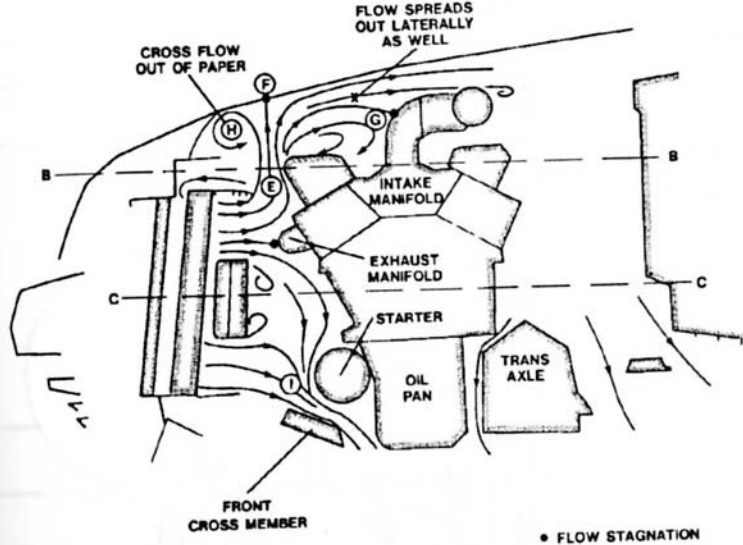


Fig 4.16 Air flow pattern inside a typical engine compartment. (Source: Williams, J., Ohler, W., Hackett, J., and Hammar, L., "Water Flow Simulation of Automotive Underhood Air Flow Phenomena," SAE Paper No. 910307, SP-855, 1991, 31 p.)