



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

COIMBATORE-35.



Accredited by NBA – AICTE and Accredited by NAAC – UGC with 'A++' Grade
Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai.

DEPARTMENT OF AUTOMOBILE ENGINEERING

COURSE NAME : 19AUB202 – AUTOMOTIVE SYSTEMS

II YEAR / III SEMESTER

Unit 1 – Vehicle Structure

Topic : Chassis



CHASSIS



- Chassis is the main supporting structure of a motor vehicle to which all other components are attached.
- It is the backbone of an automobile.



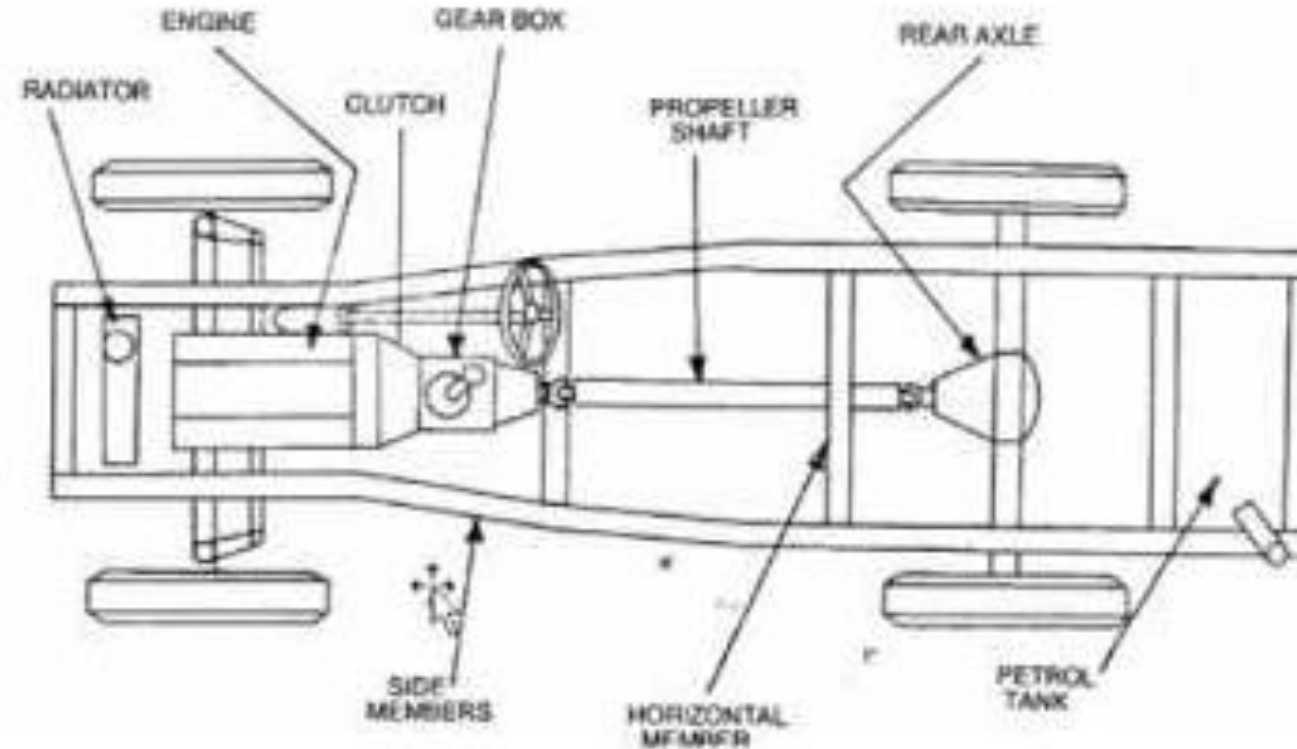


Difference Between Chassis & Frame





Chassis Layout





Based on Assembly



Based on Assembly

Conventional

Semi Integral

Full Integral





Based on Engine Location



Based on Engine Location

- Conventional
- Semi Forward
- Full Forward
- Center
- Rear



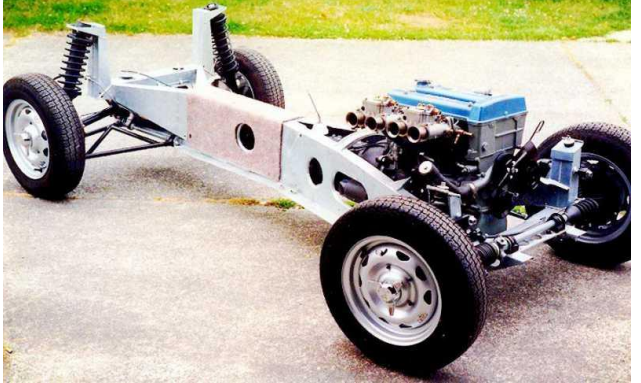


Based on Frames



Based on Engine Location

- Ladder
- Monocoque
- ULSAB Monocoque
- Carbon Fibre monocoque
- Aluminium Space frame
- Tubular
- Back Bone Frame





THANK YOU !!!