

The background is a blurred image of a mechanical assembly, possibly a motor or a pump, with various colored components (blue, red, yellow) and a bright yellow light source on the right side. The text is overlaid on this background.

DISEÑO AUTOMOTRÍZ

Ing. Martín Pacheco B.

Mpb_design@hotmail.com / +58 (412) 0554148

A photograph of a person's hands on a steering wheel, viewed from the driver's perspective. The image is slightly blurred and has a dark, semi-transparent overlay. The word "DIRECCIÓN" is written in large, white, sans-serif capital letters across the center of the image.

DIRECCIÓN

Sistema de Dirección

“Es el sistema encargado de permitirle al vehículo cambiar su trayectoria de desplazamiento”

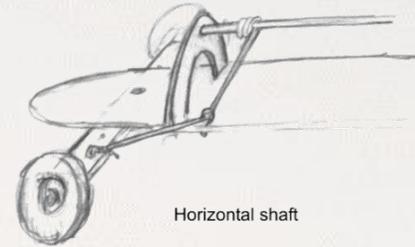
Sistema de Dirección

Tipos de Dirección

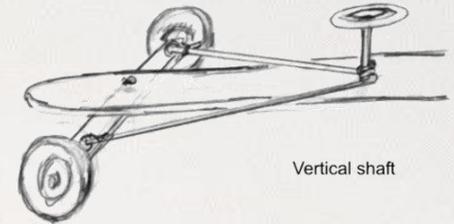


Soap Box Derby Steering Systems

Cable Wind Steering (recommended)

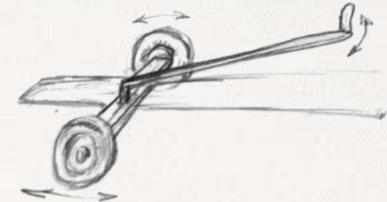


Horizontal shaft

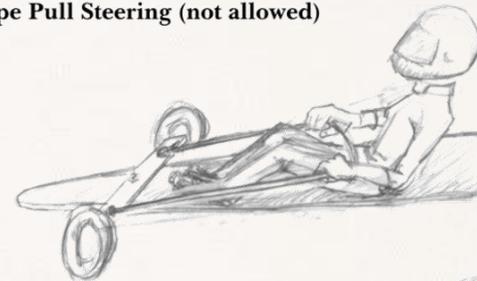


Vertical shaft

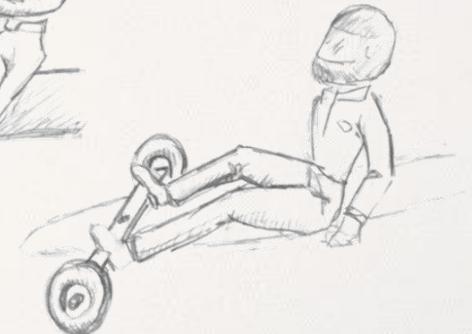
Tiller Steering (discouraged)



Rope Pull Steering (not allowed)

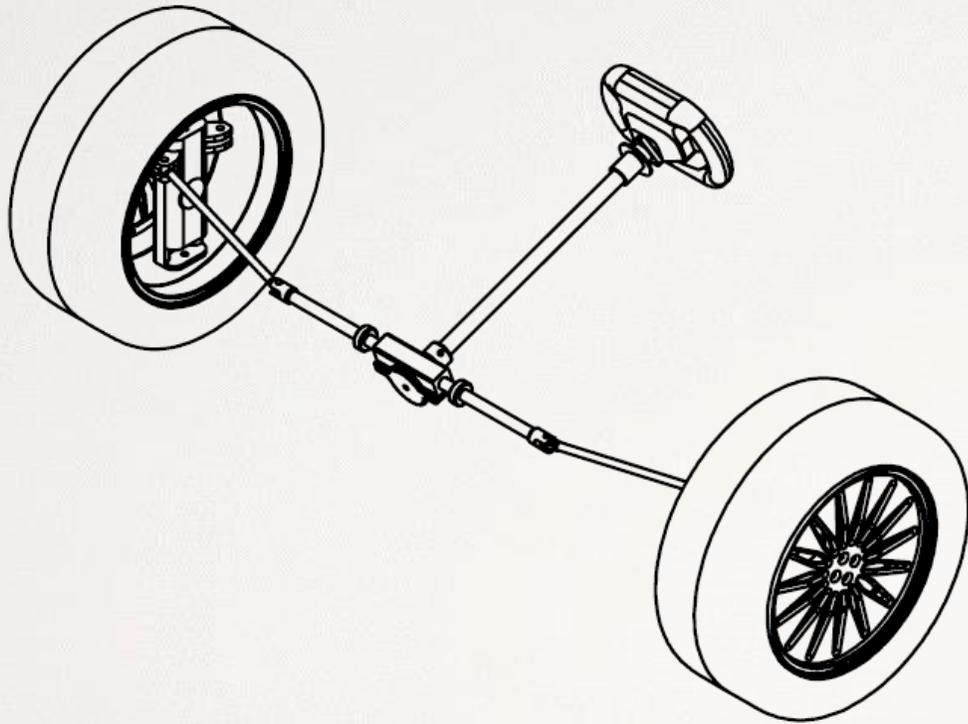


Foot Steering (not allowed)



Sistema de Dirección

Tipos de Dirección

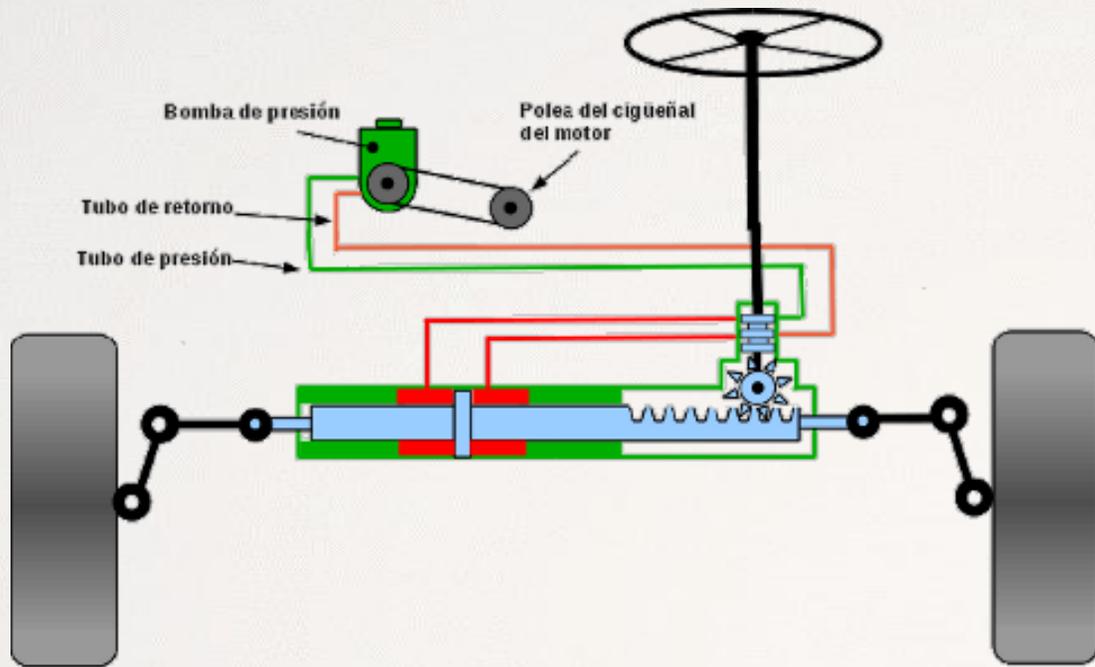


Mecánica Directa

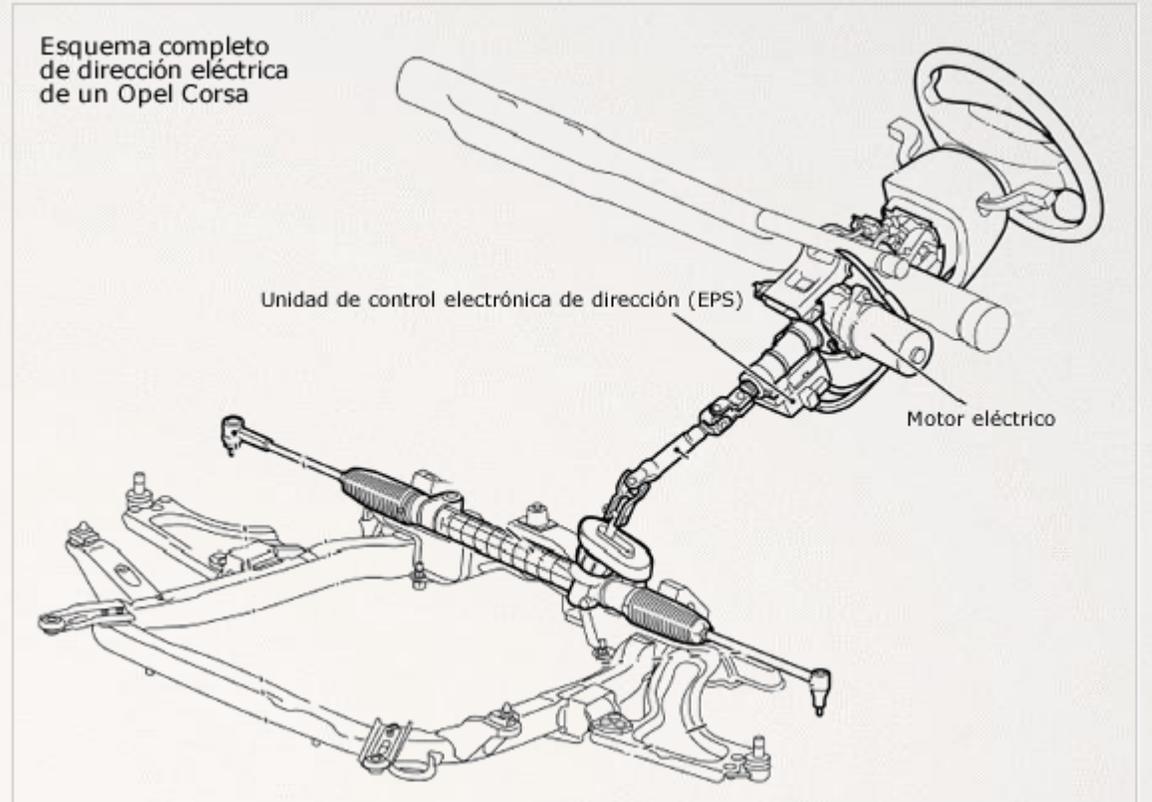


Sistema de Dirección

Tipos de Dirección

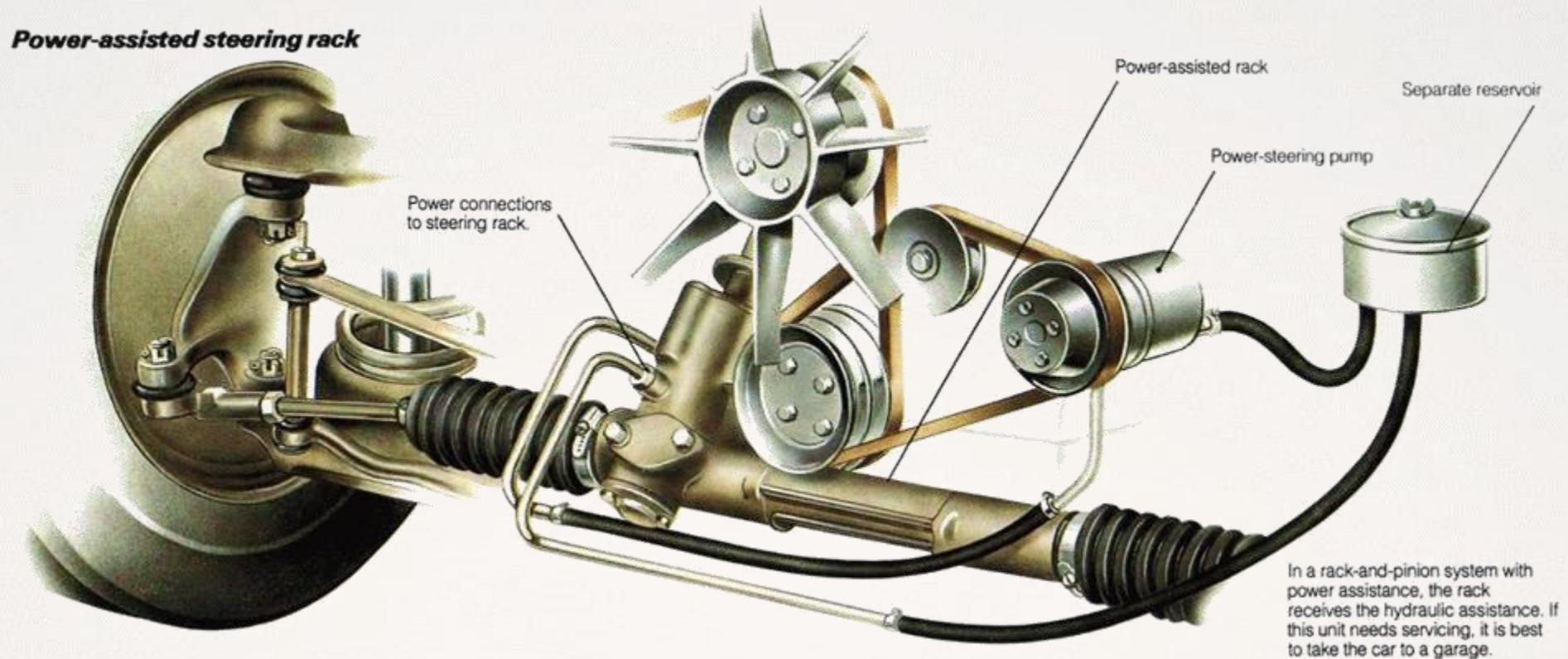


Mecánica Asistida



Sistema de Dirección

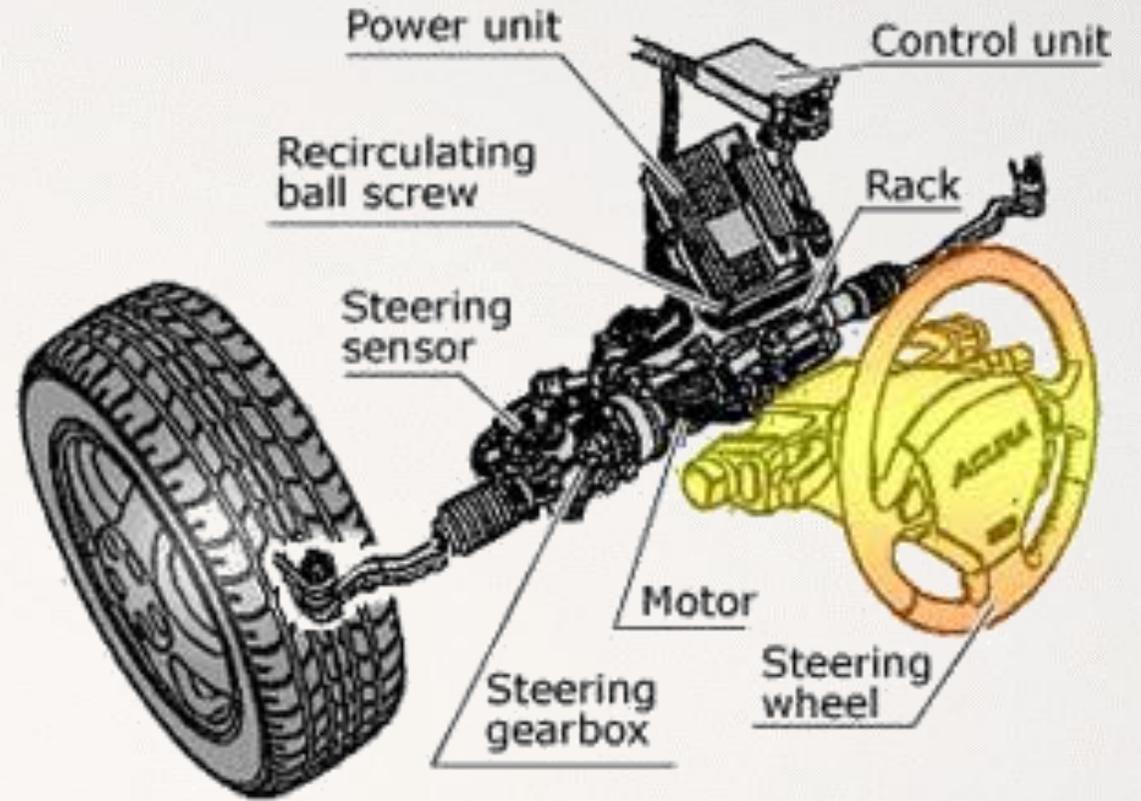
Tipos de Dirección



Mecánica Asistida

Sistema de Dirección

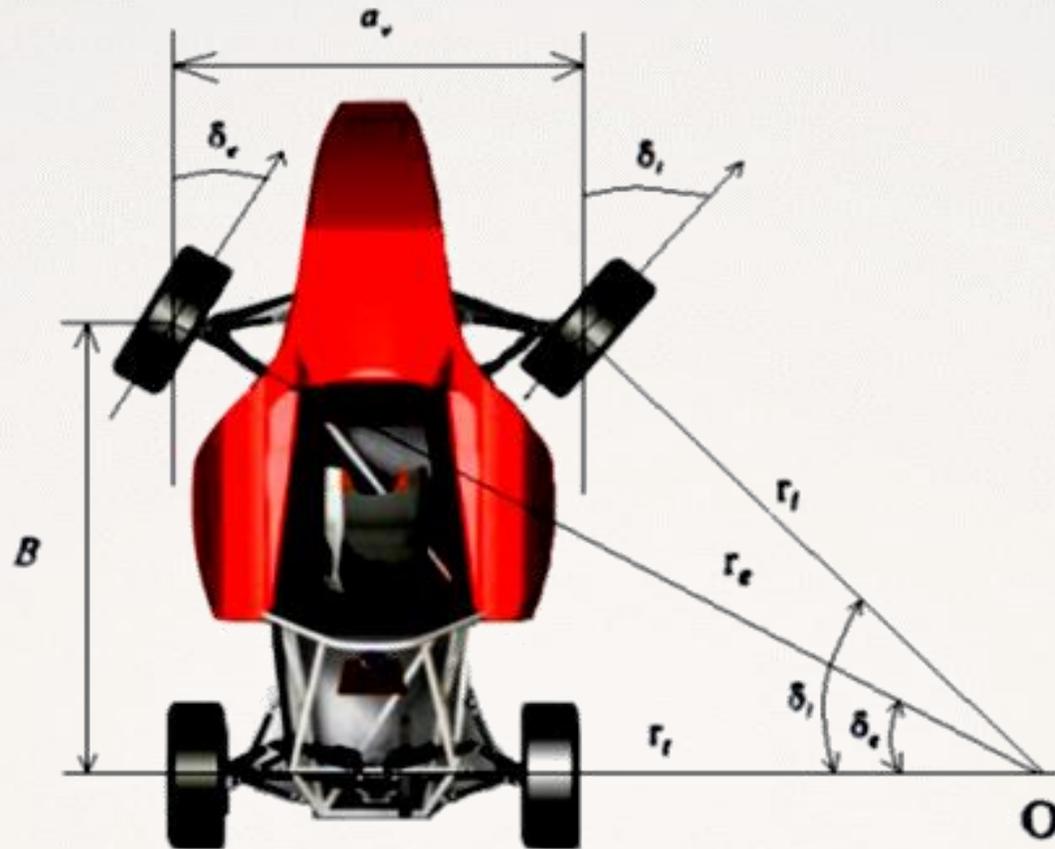
Tipos de Dirección



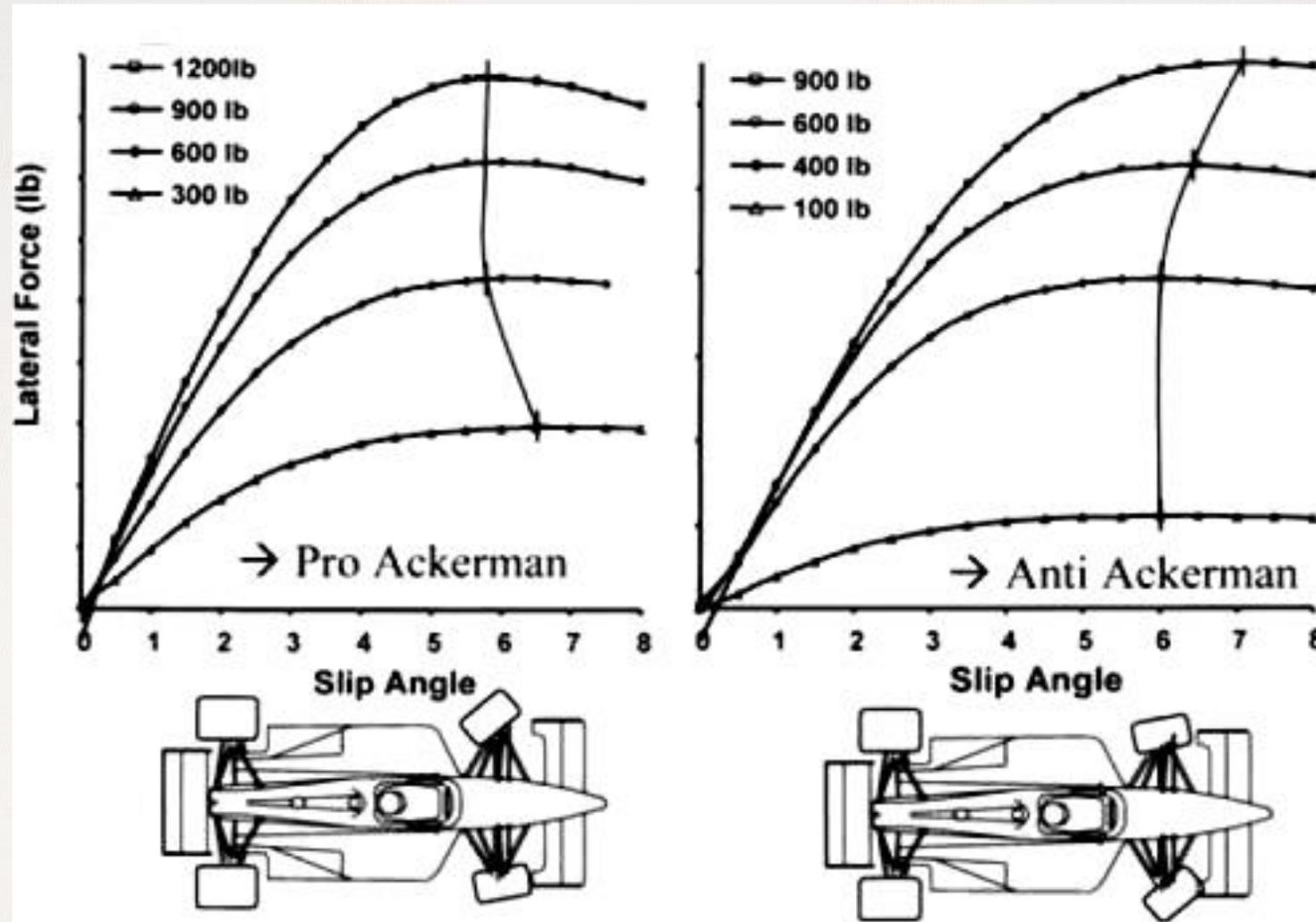
Hidráulica / electrónica

Sistema de Dirección

Cálculos en función de curva de radio constante

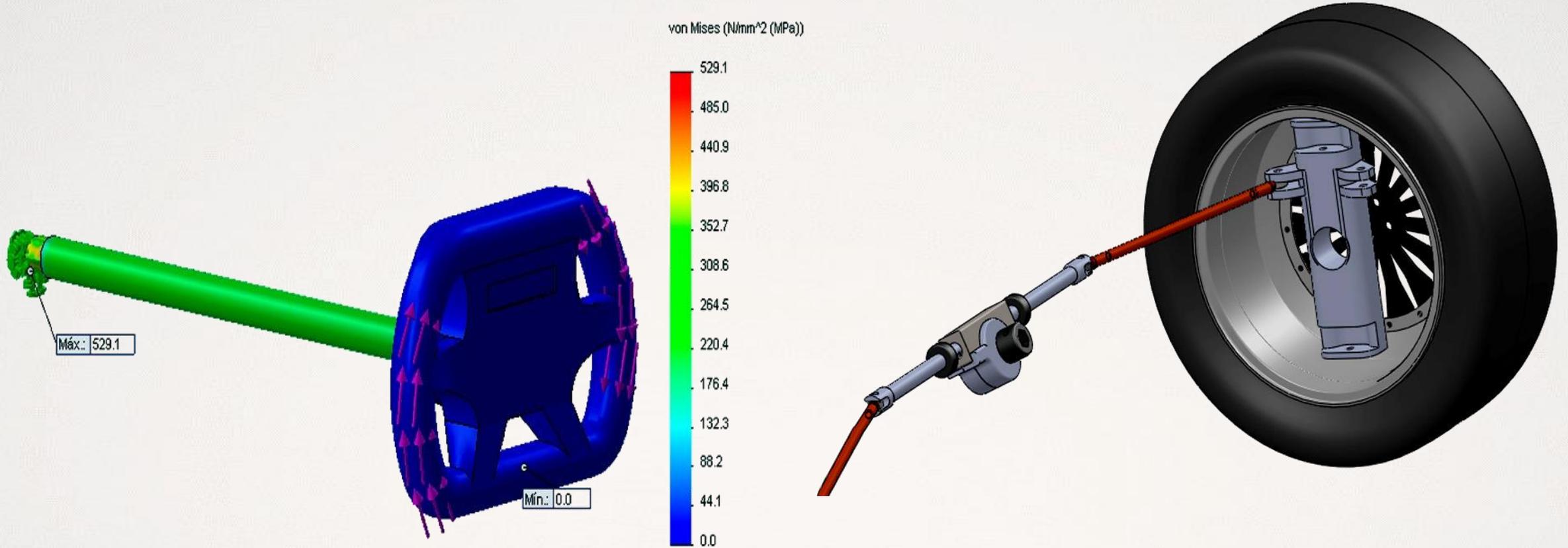


Sistema de Dirección



Sistema de Dirección

Torsión Pura



Sistema de Dirección

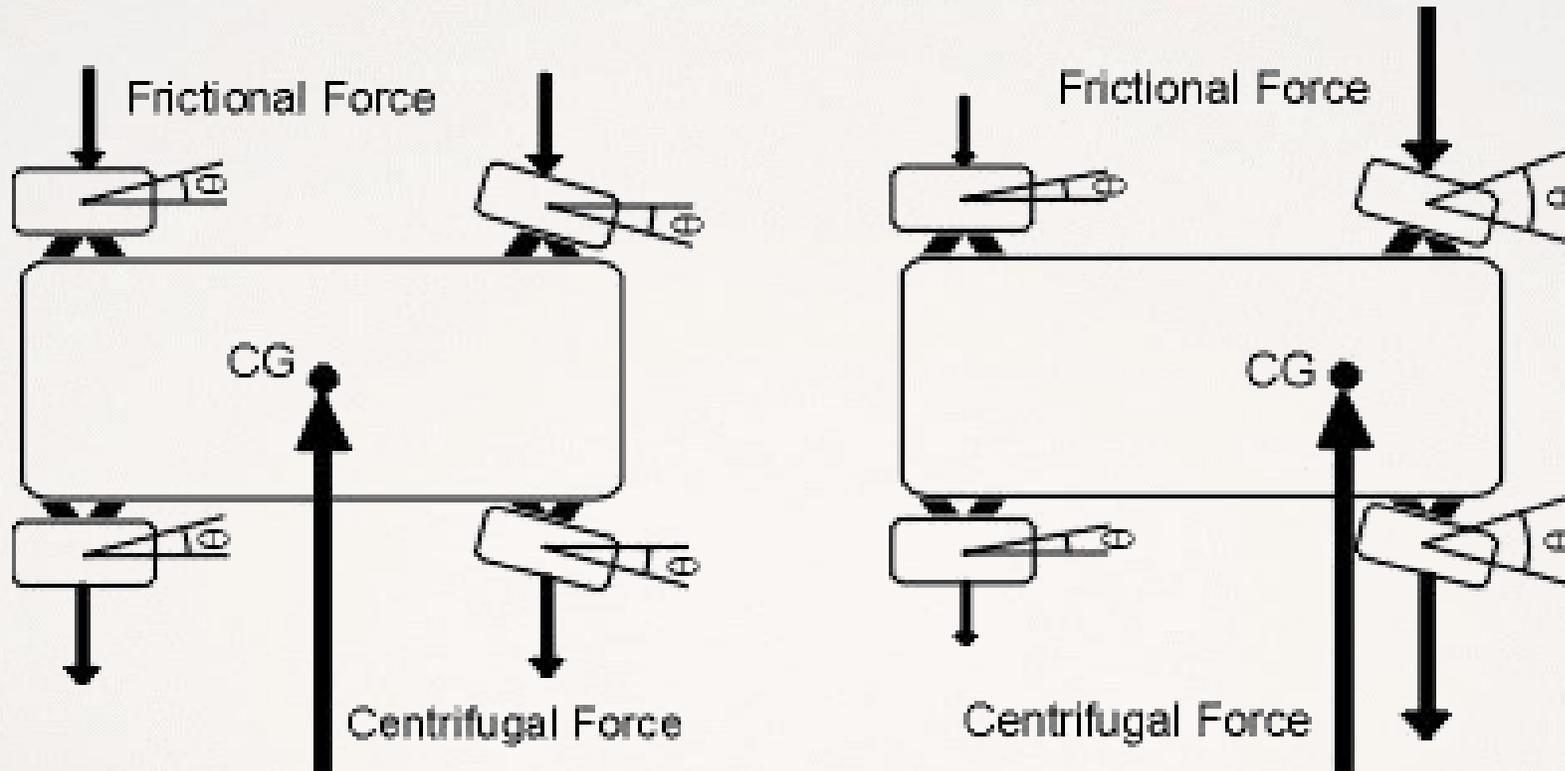
Subviraje



Sobreviraje

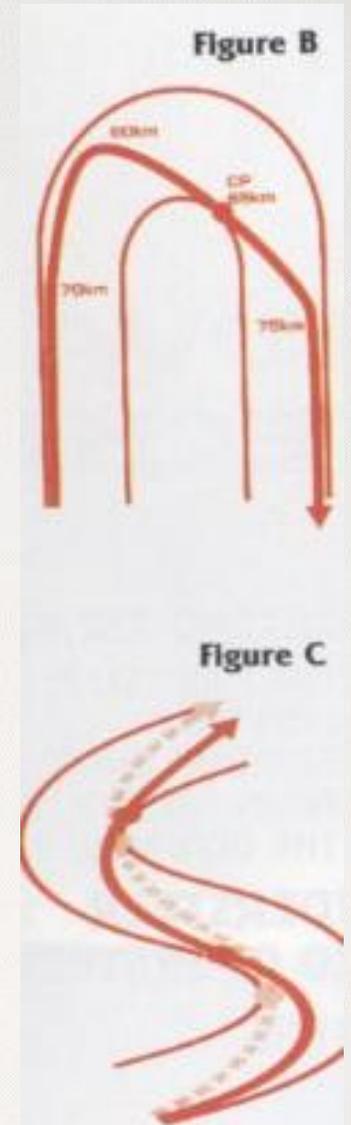
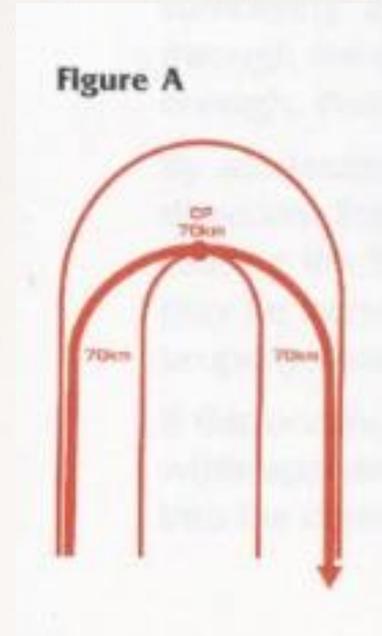
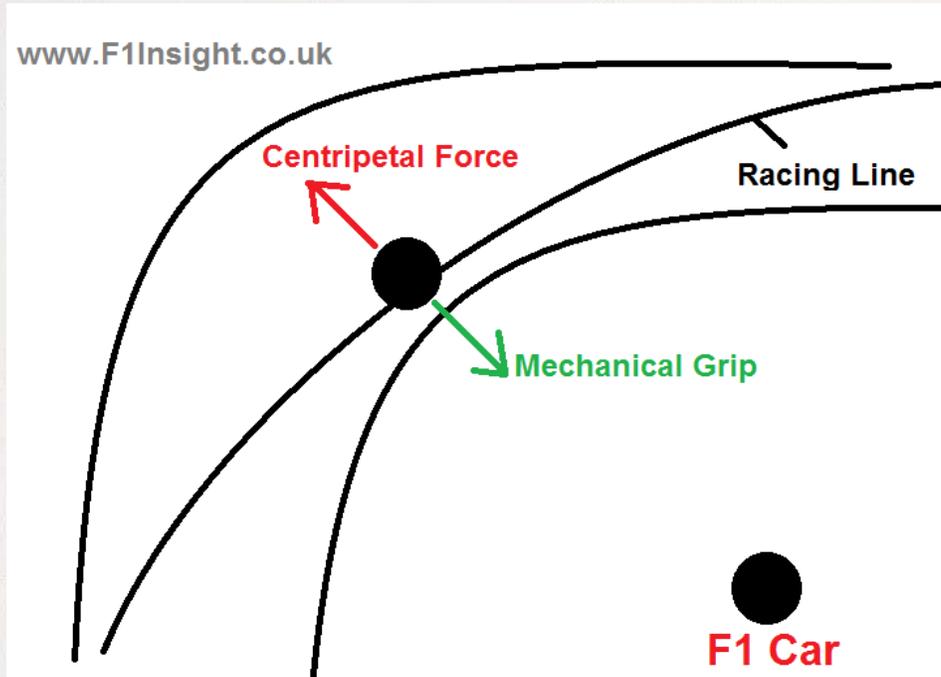
Sistema de Dirección

Subviraje y Sobreviraje en relación al Centro de Gravedad



Sistema de Dirección

APEX en curvas



Sistema de Dirección

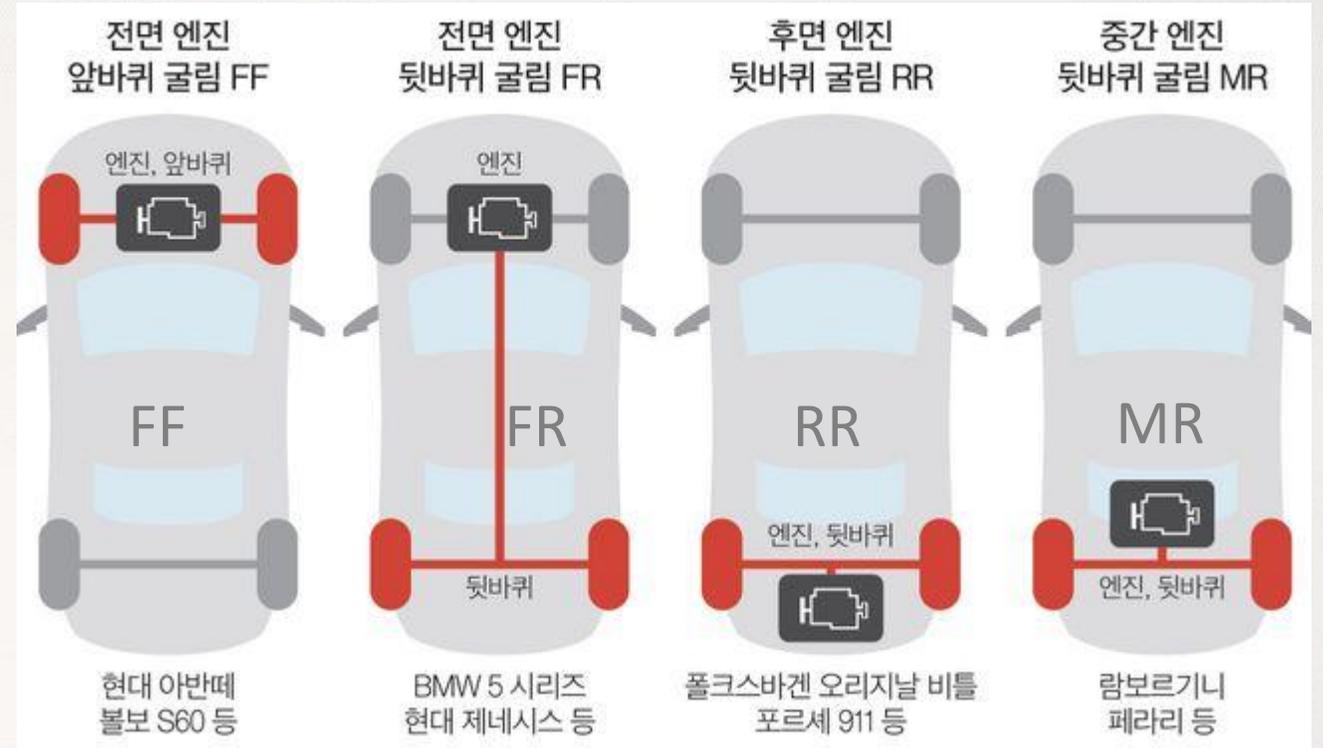
Subviraje y Sobreviraje en relación al Centro de Gravedad

FF (frontal engine, front drivetrain)

FR (frontal engine, Rear drivetrain)

RR (Rear engine, Rear drivetrain)

MR (Mid engine, Rear drivetrain)



Sistema de Dirección



Sistema de Dirección

Vehículos con 3 ruedas



Sistema de Dirección

Vehículos con 3 ruedas



www.DautomotrizUFT.weebly.com