

Transmissão

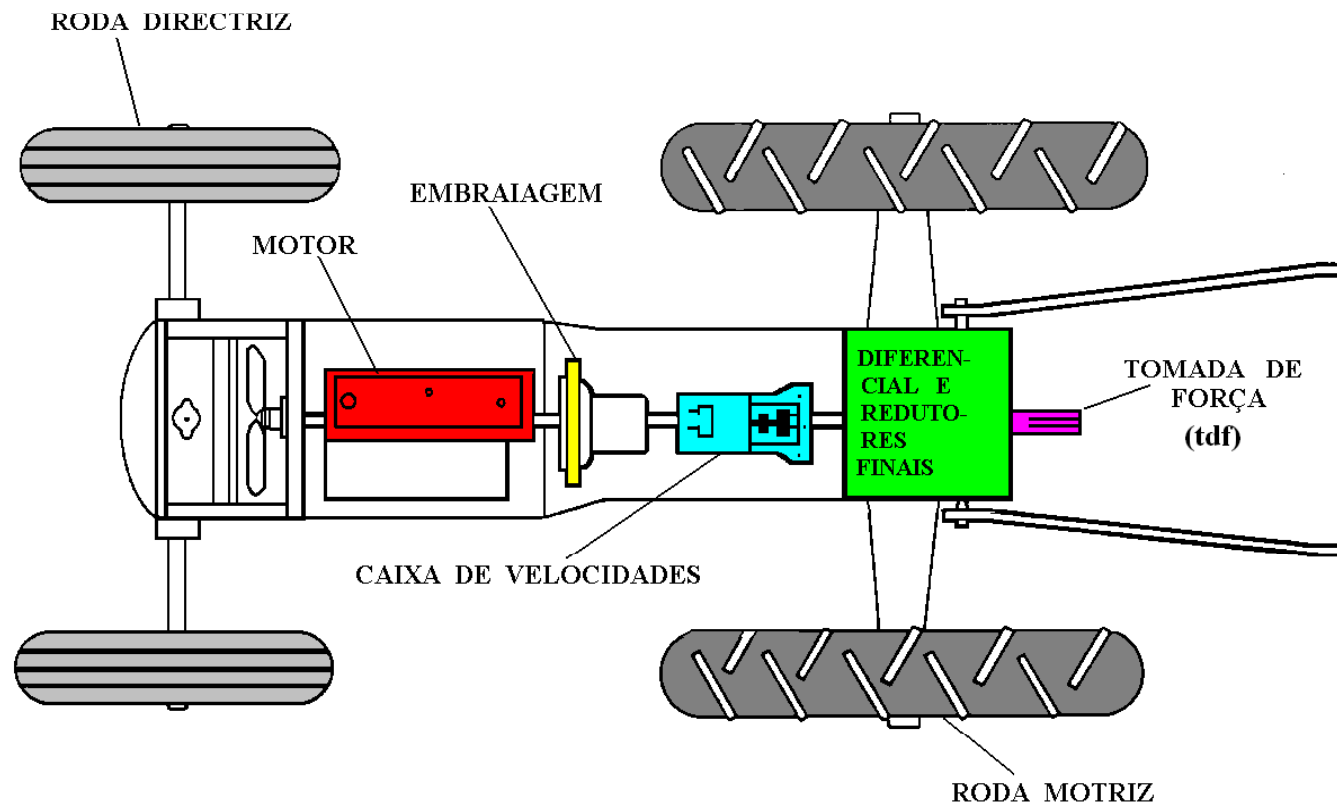
Transmissão

Conjunto de mecanismos que transmitem a energia produzida pelo motor (movimento) aos órgãos que possibilitam a deslocação do tractor ou o accionamento de alfaías.

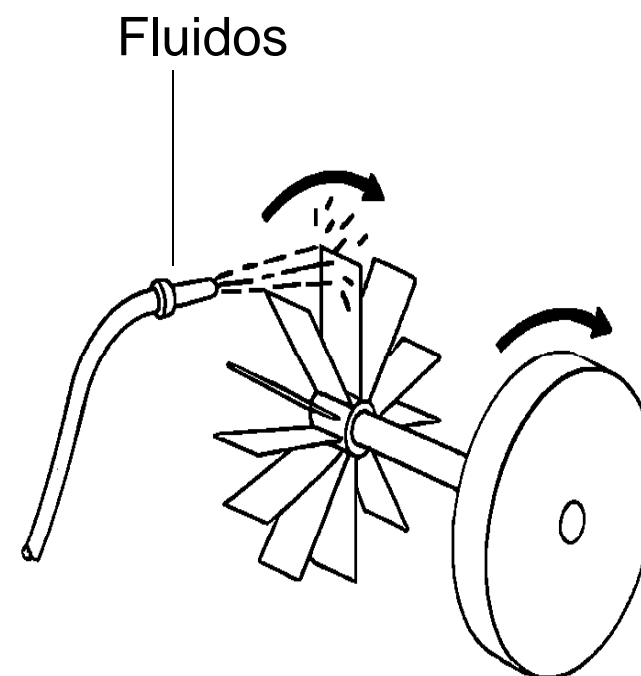
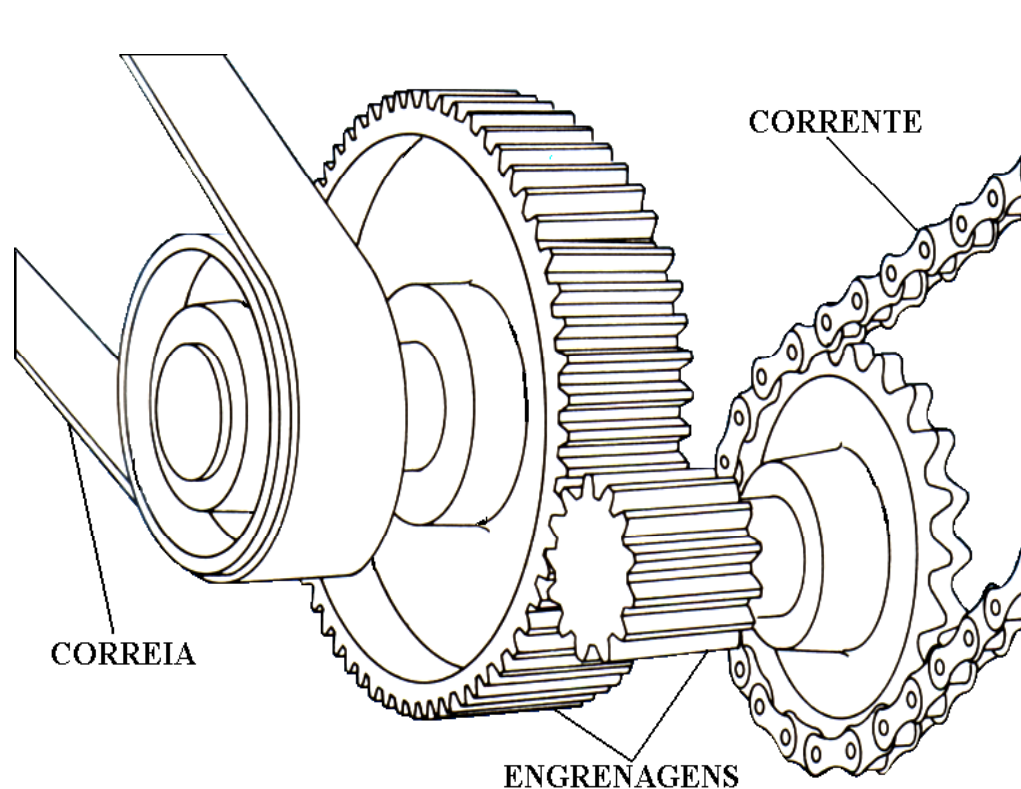
São órgãos da transmissão:

- Embraiagem;
- Caixa de Velocidades;
- Diferencial;
- Redutores Finais e
- T.D.F (tomada de força, ou PTO)

Transmissão

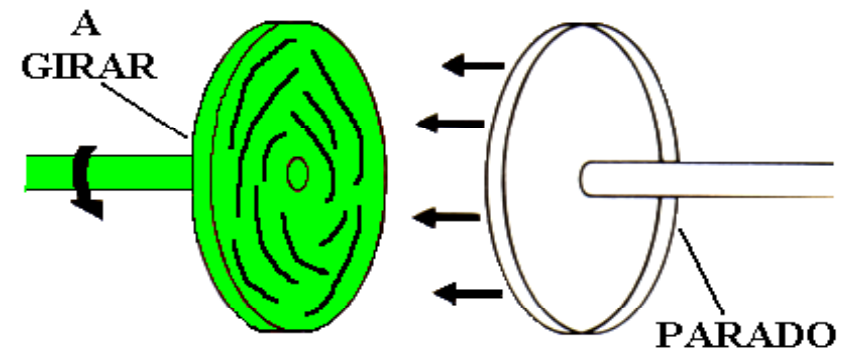


Tipos de Transmissão



Embraiagem

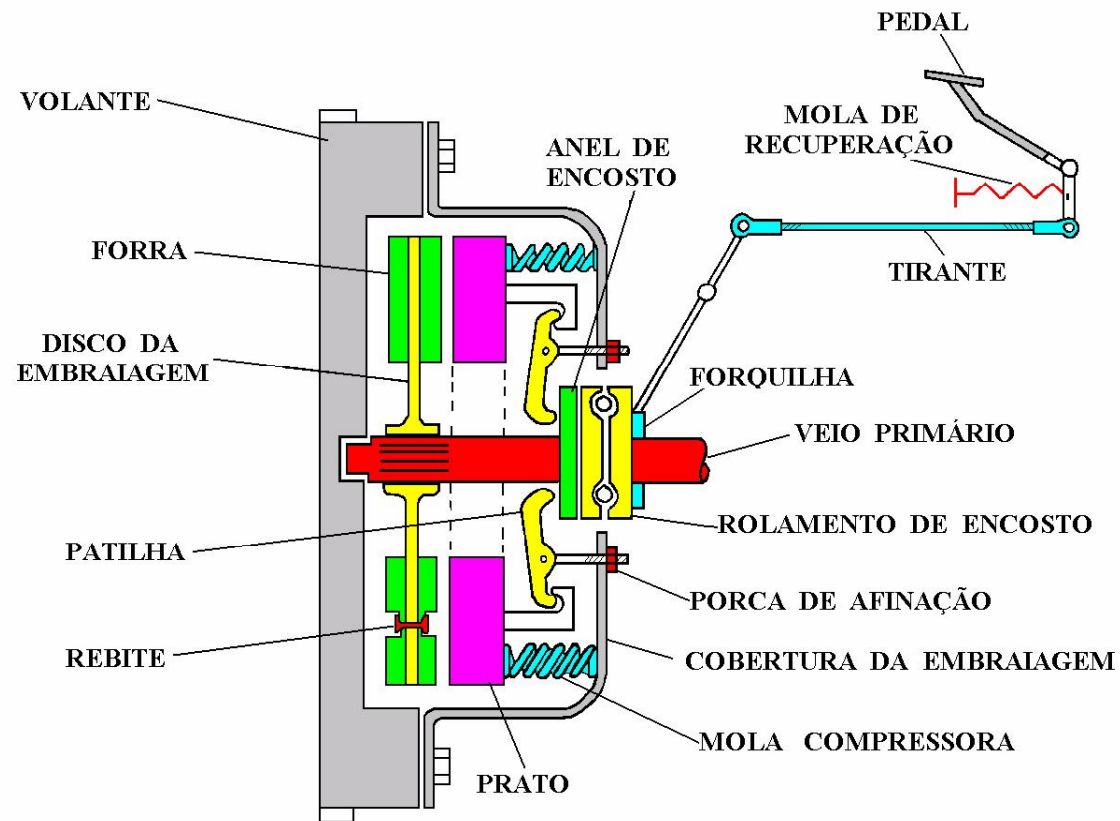
Um veio em movimento e outro parado.



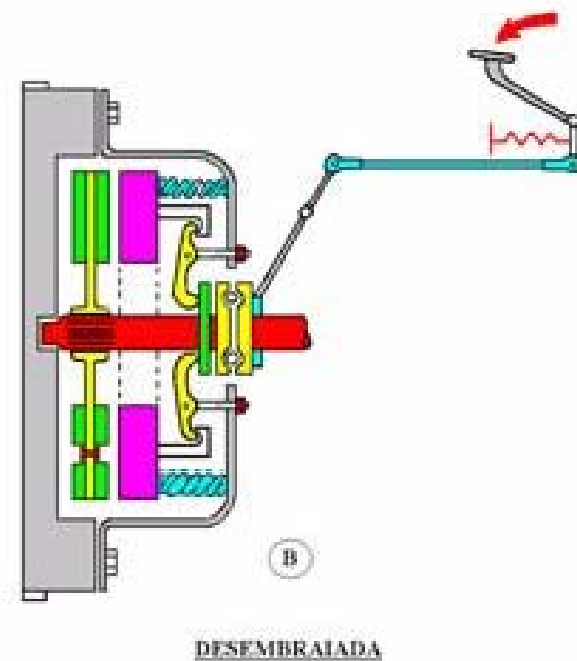
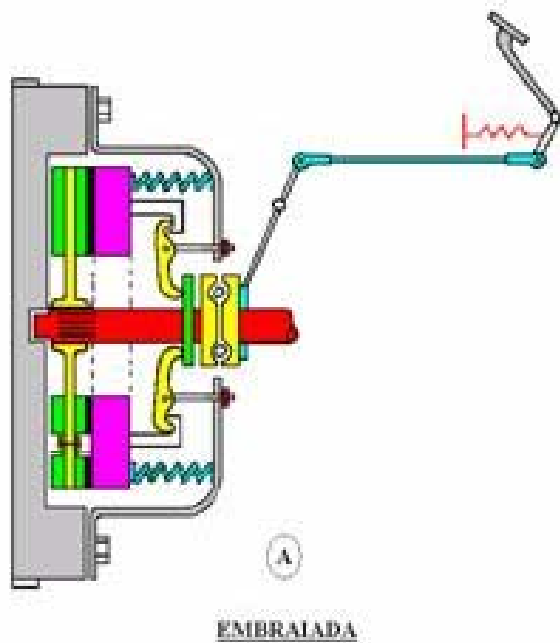
Por acção da embraiagem, através de encosto os dois veios ficam em movimento



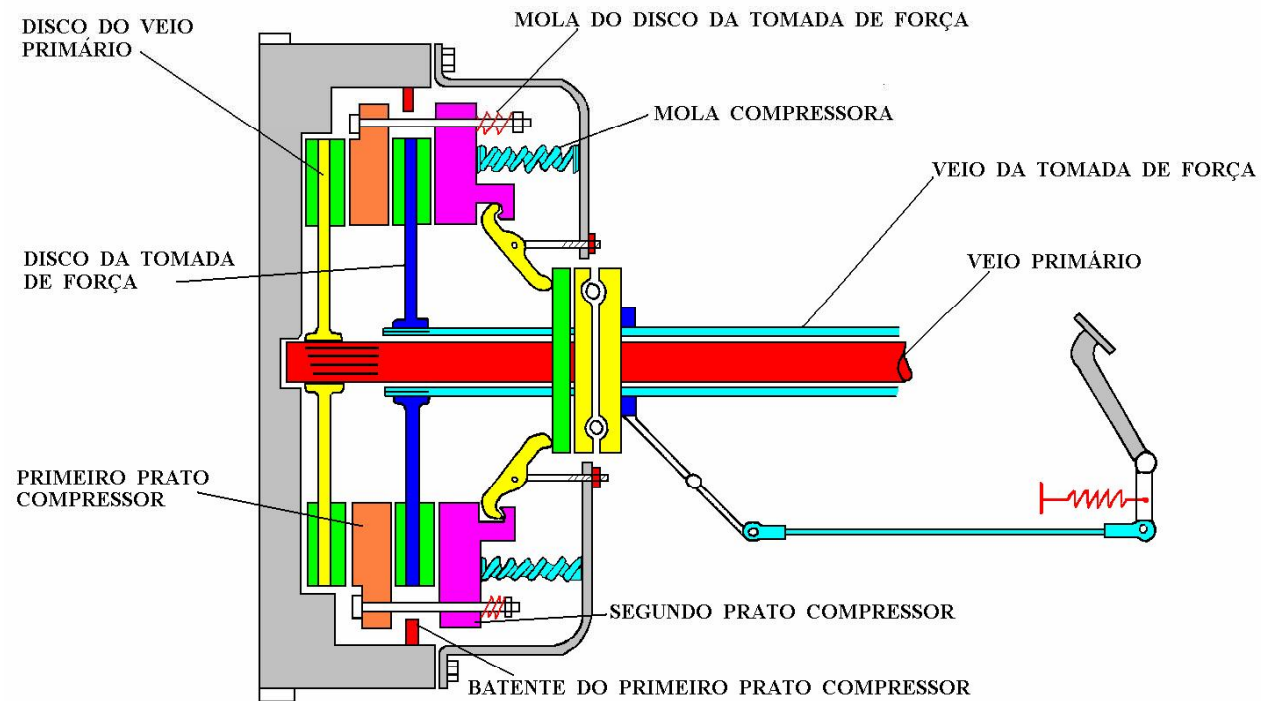
Embraiagem Disco Simples



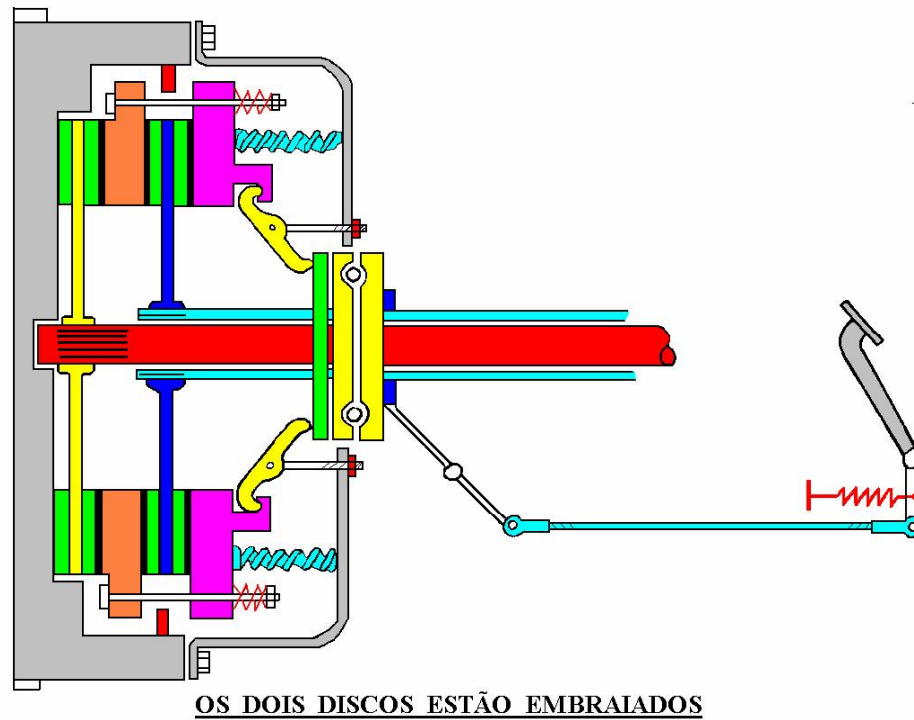
Embraiagem Disco Simples



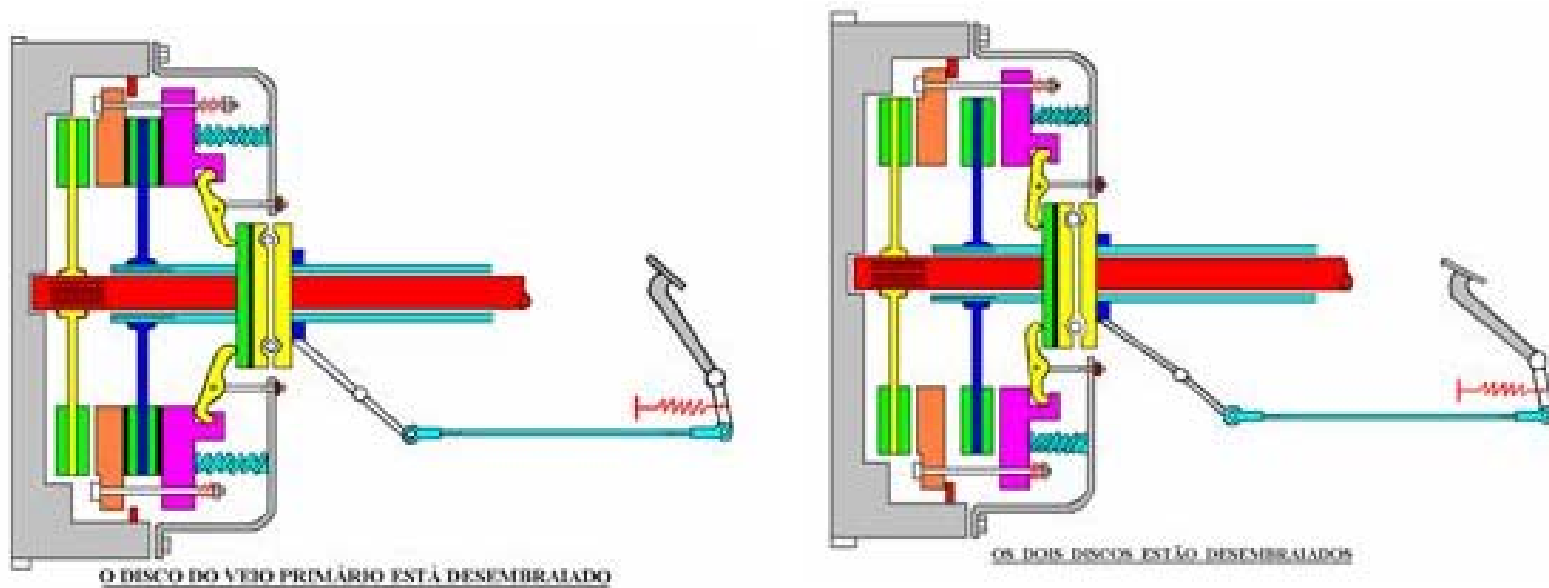
Embraiagem Disco Duplo



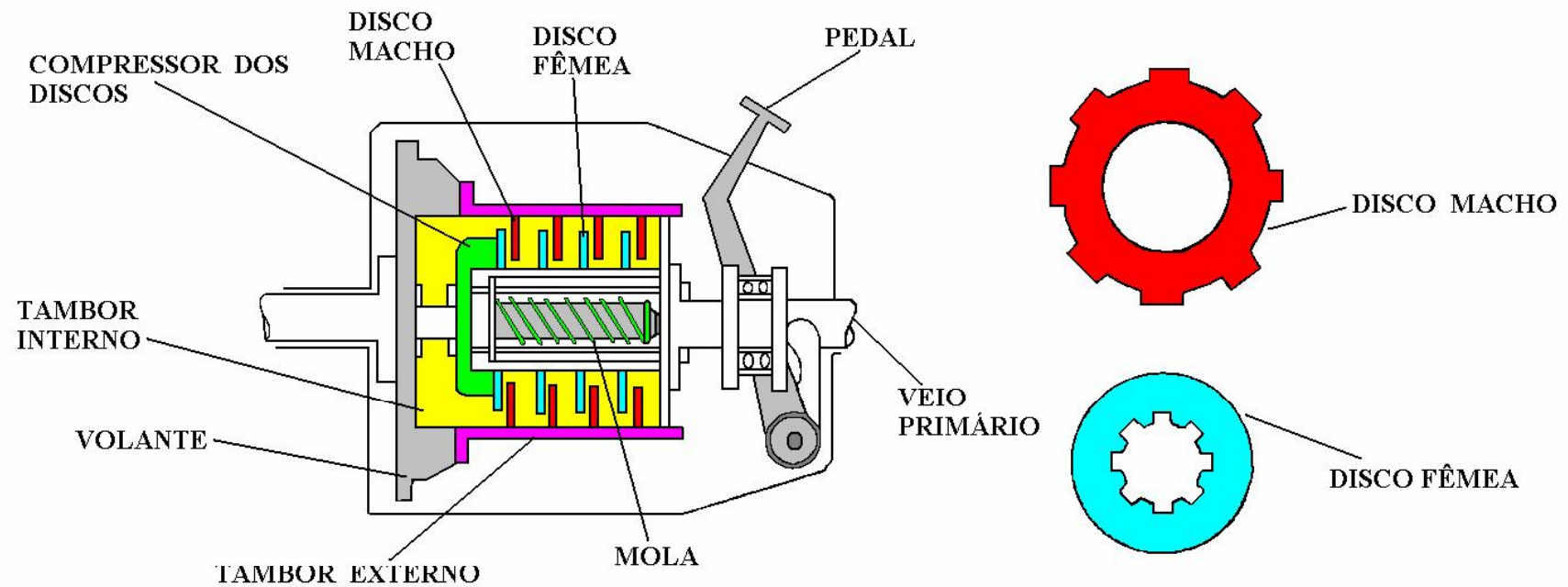
Embraiagem Disco Duplo



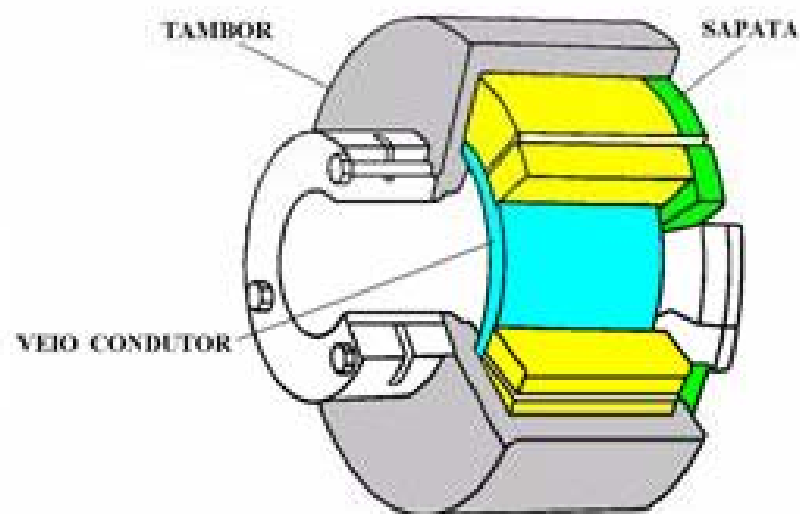
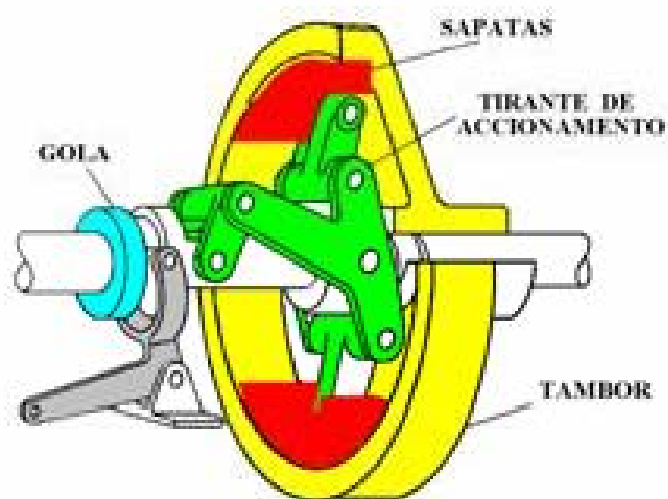
Embraiagem Disco Duplo



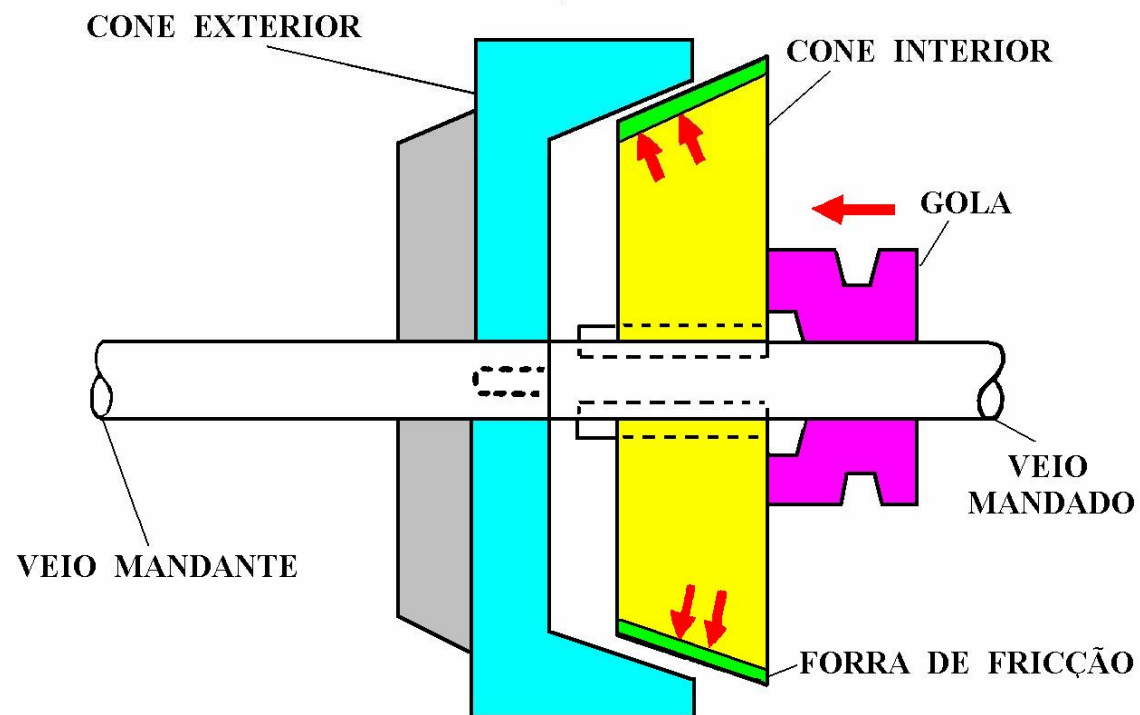
Embraiagem Discos Múltiplos



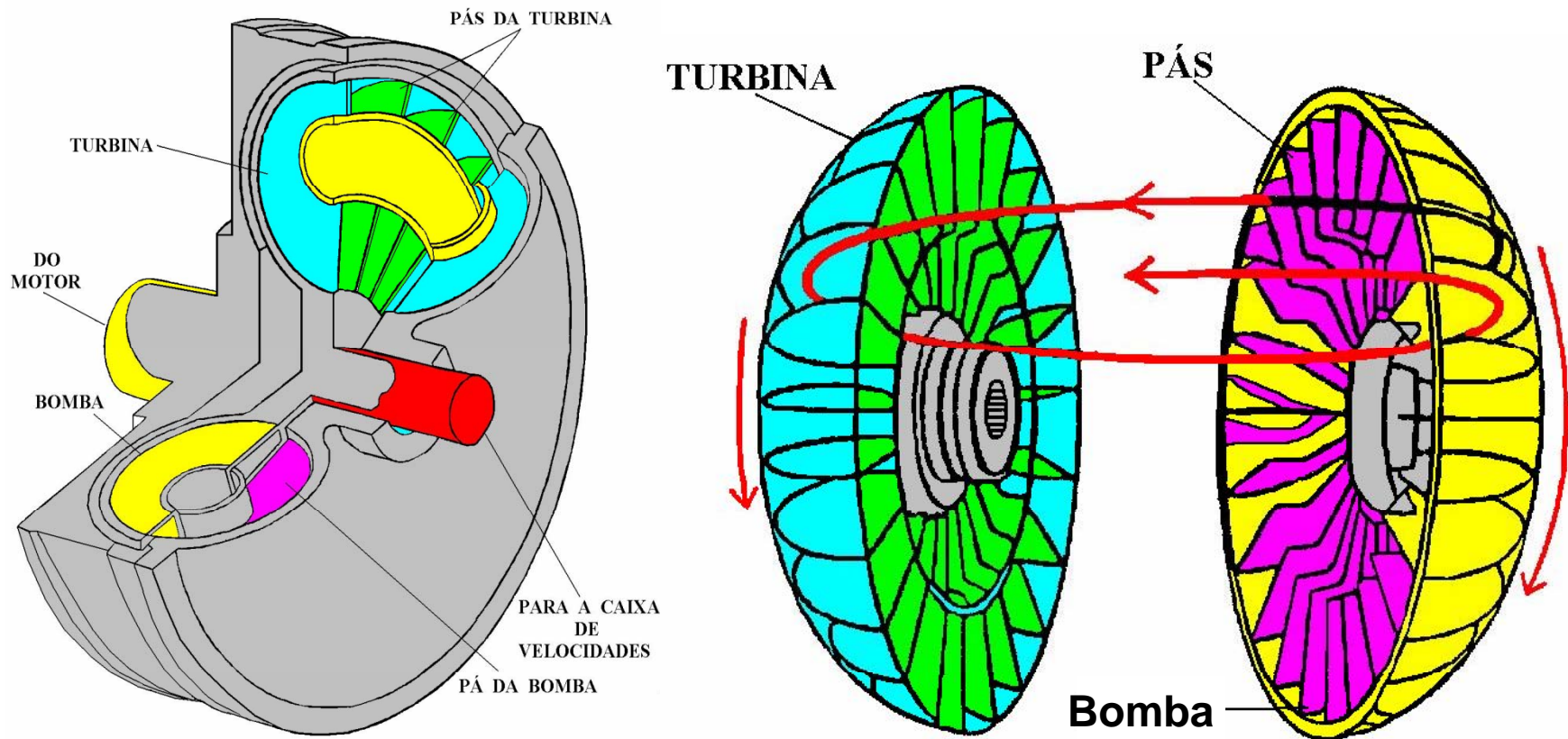
Embraiagem Centrífuga



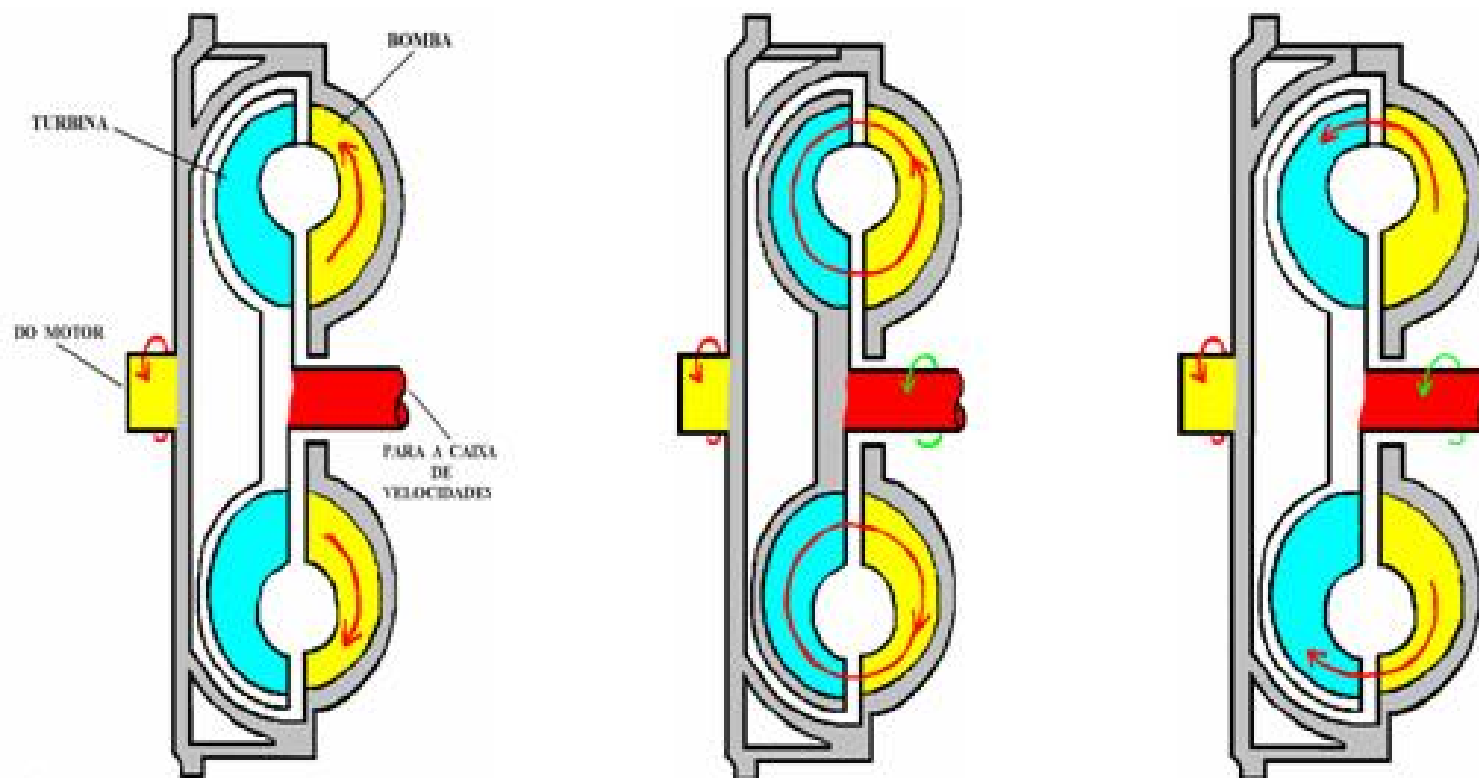
Embraiagem Cônica



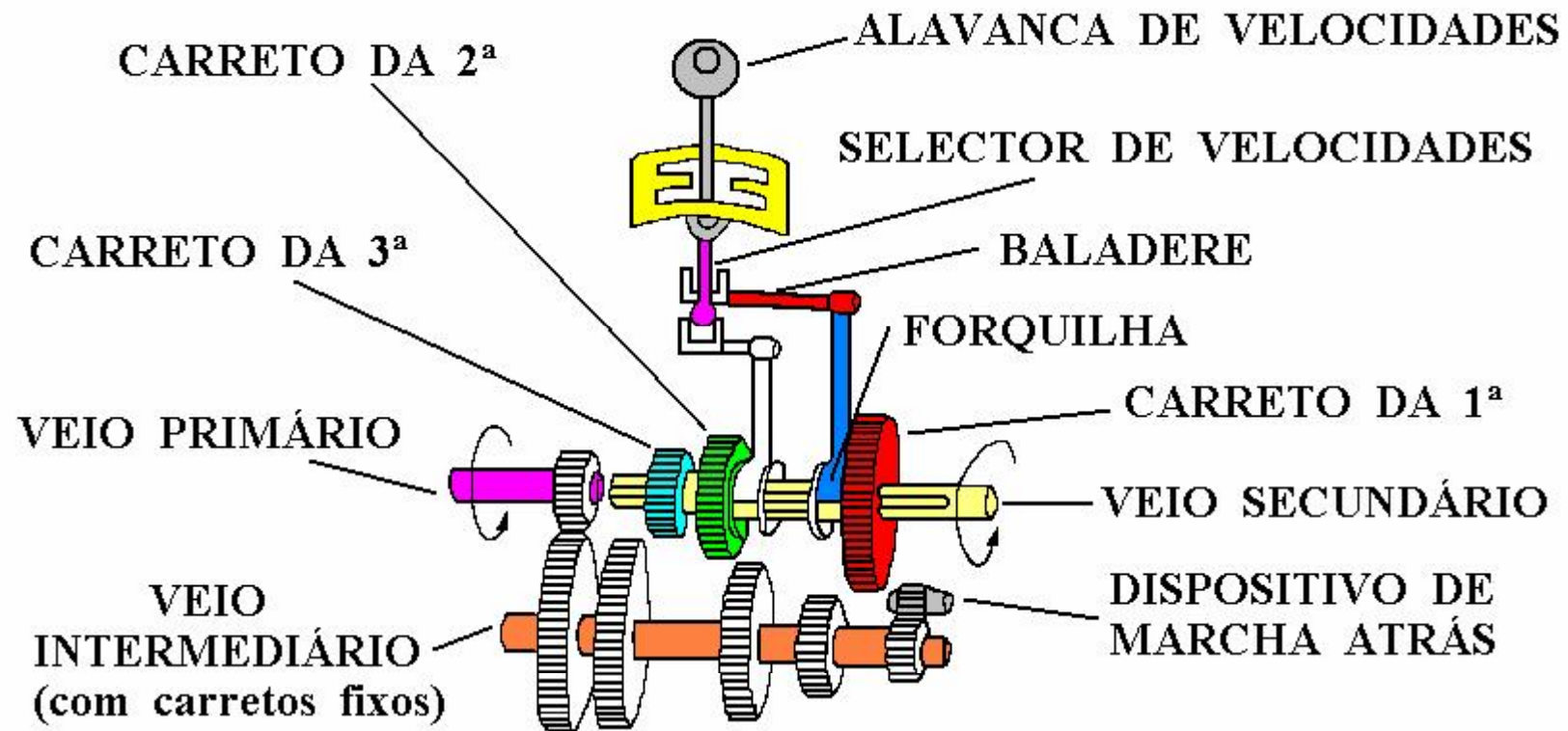
Embraiagem Hidráulica



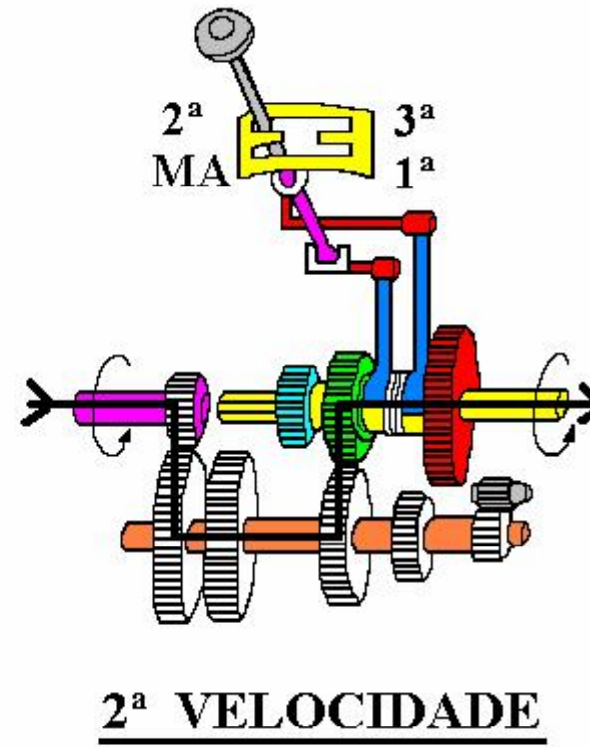
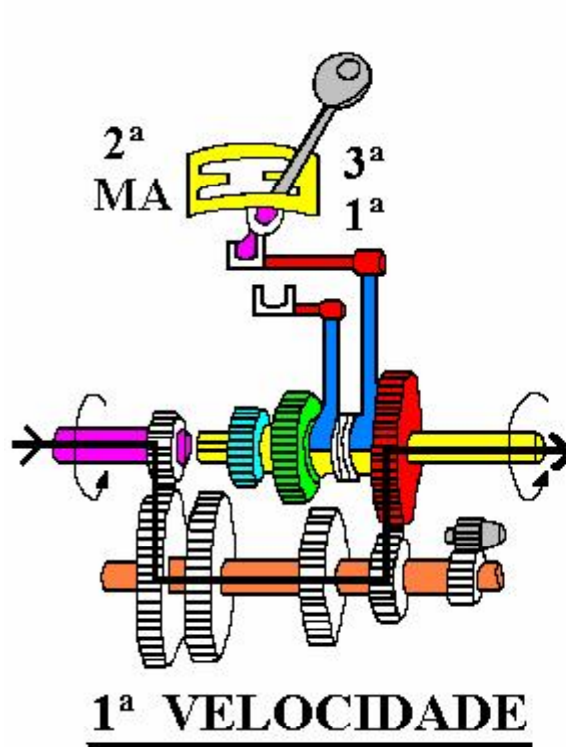
Embraiagem Hidráulica



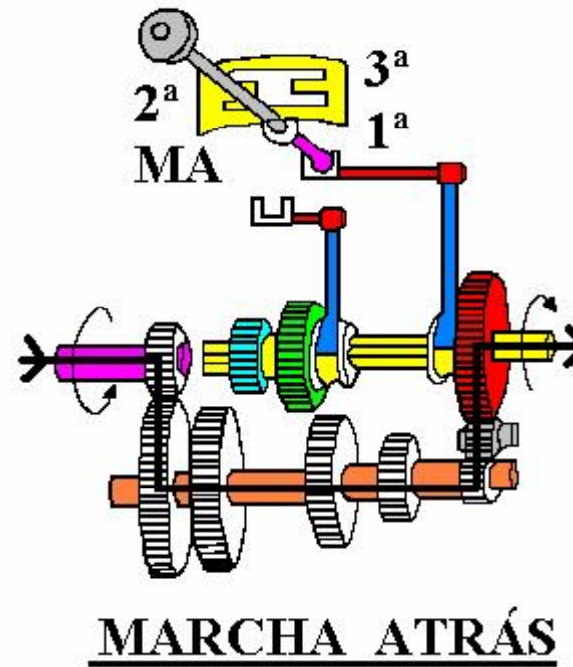
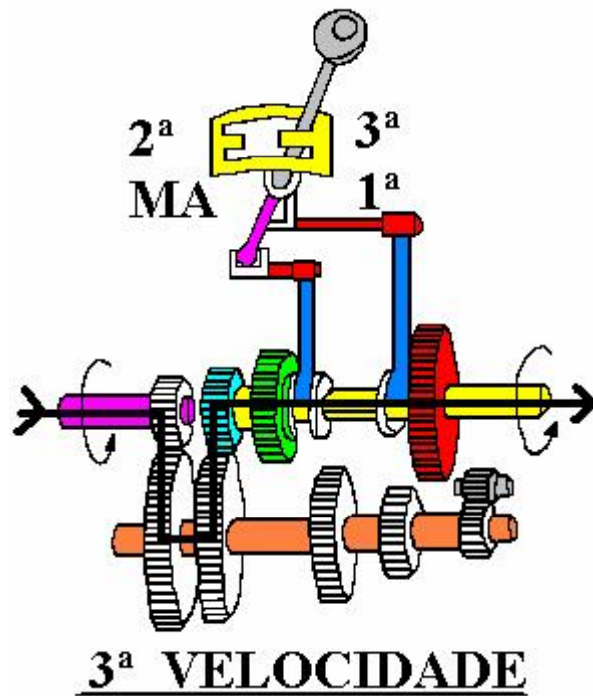
Caixa de Velocidades



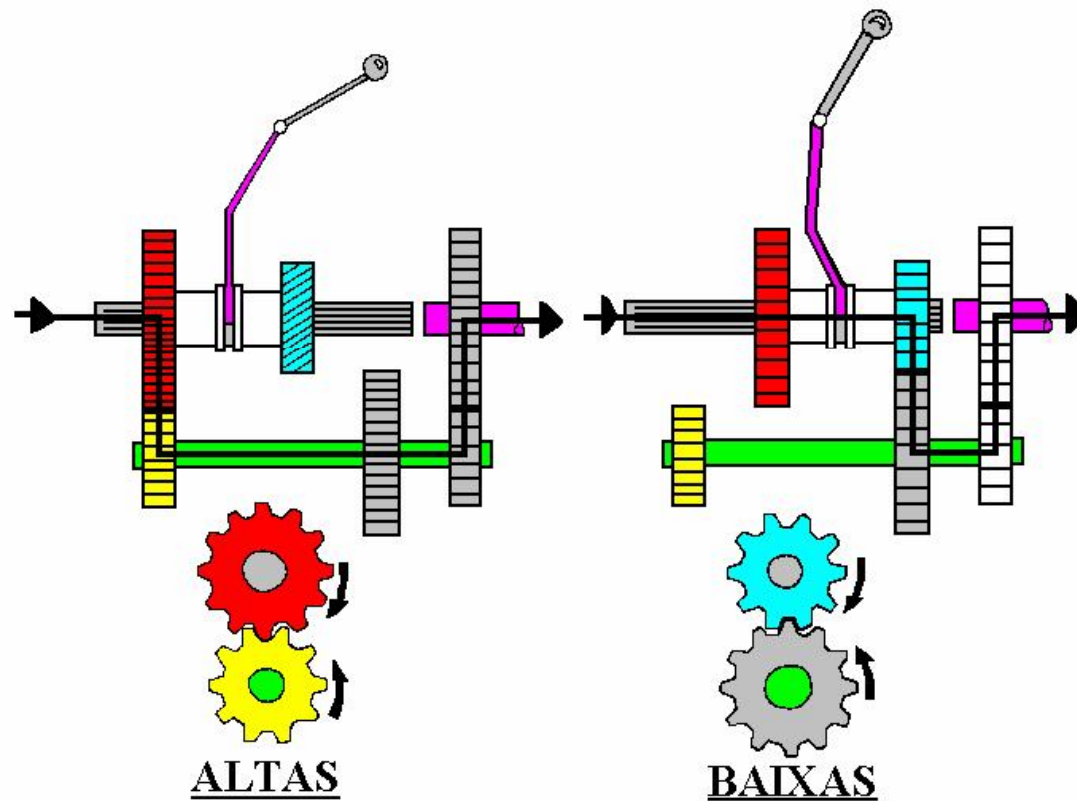
Caixa de Velocidades



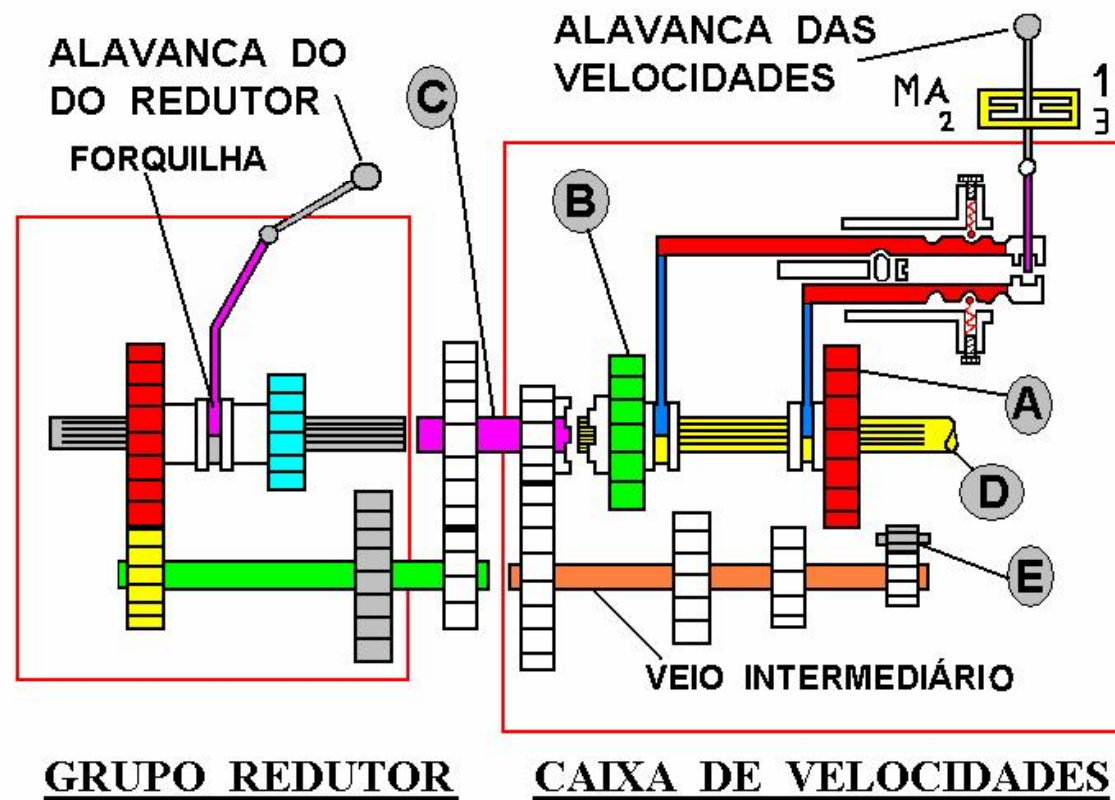
Caixa de Velocidades



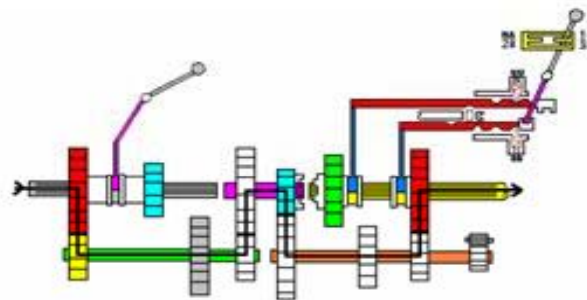
Caixa de Velocidades



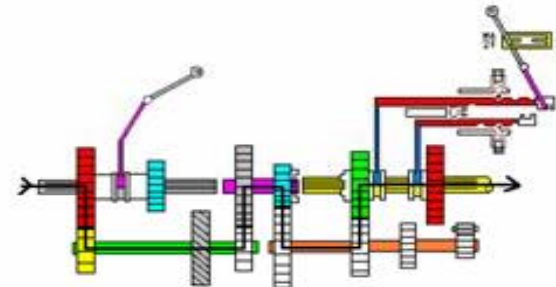
Caixa de Velocidades



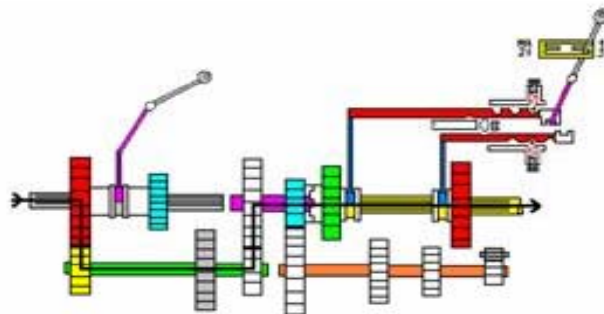
Caixa de Velocidades



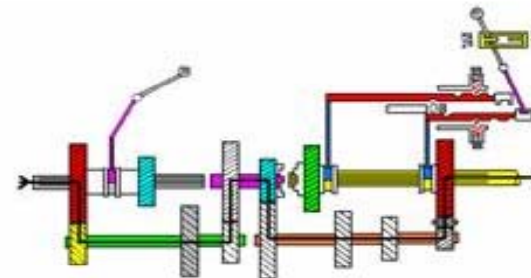
PRIMEIRA ALTA



SEGUNDA ALTA

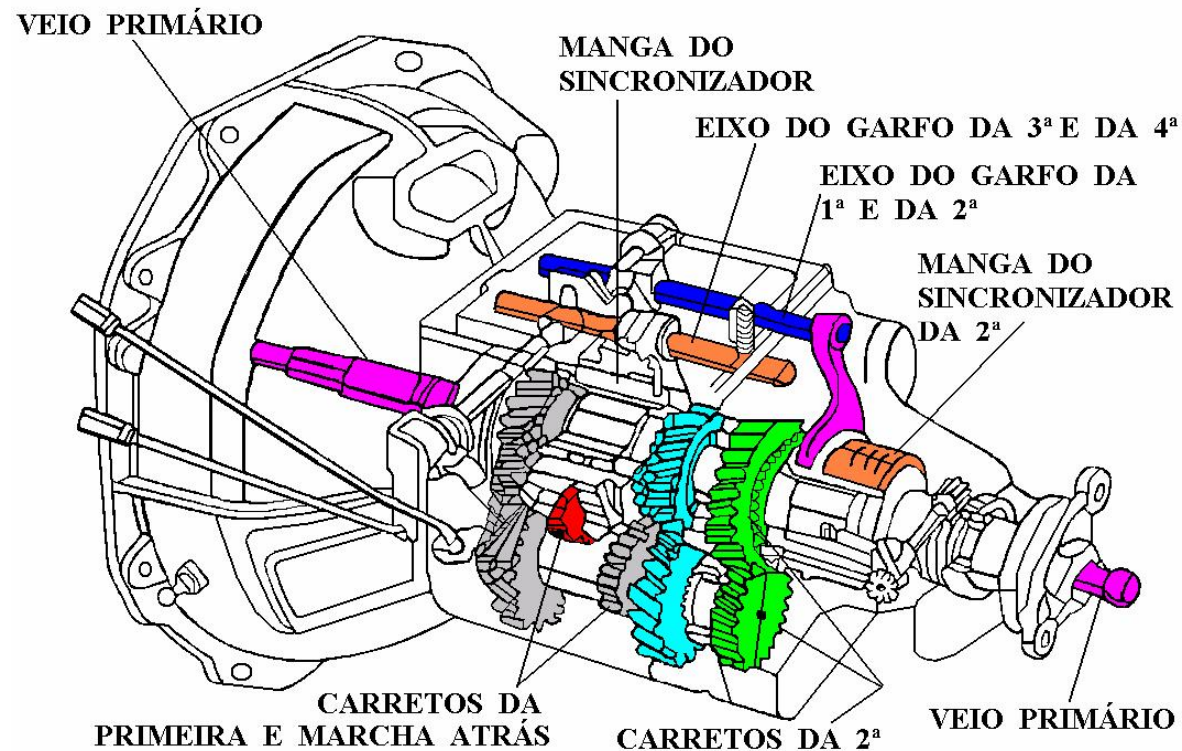


TERCEIRA ALTA

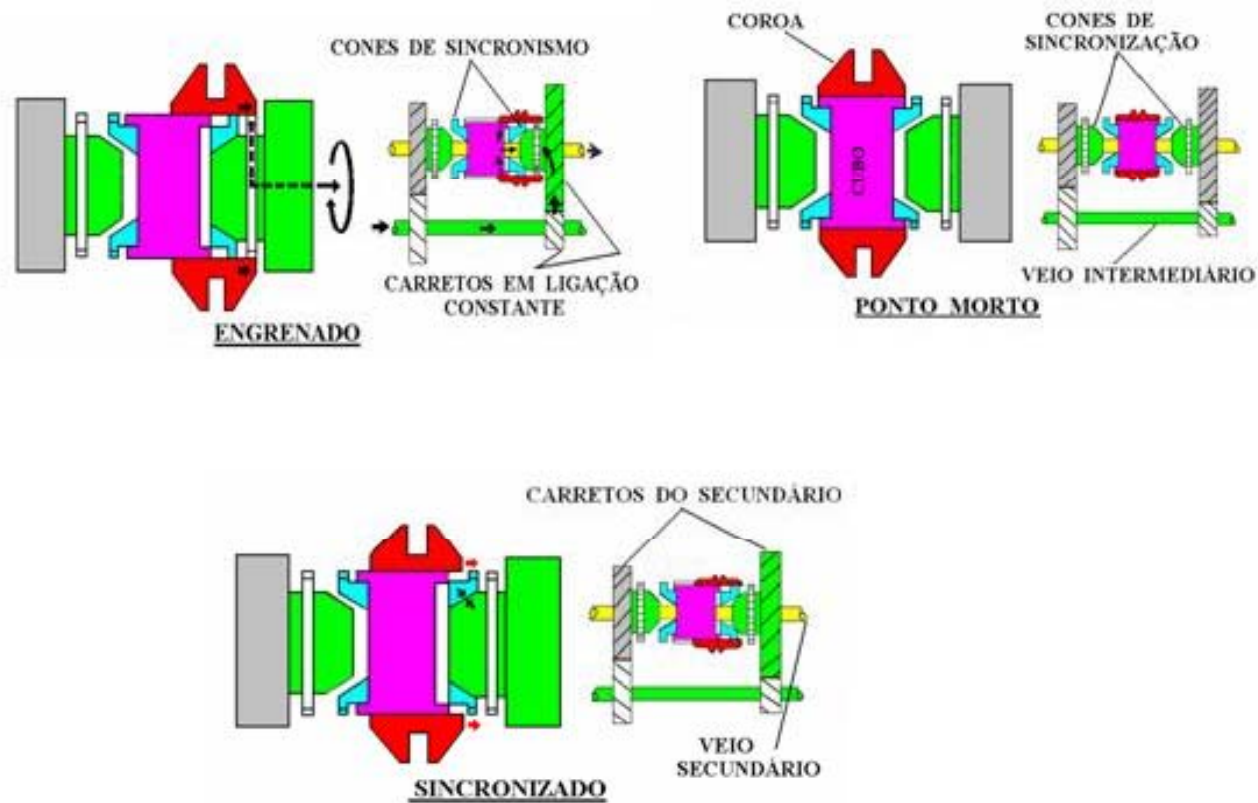


MARCHA ATRÁS ALTA

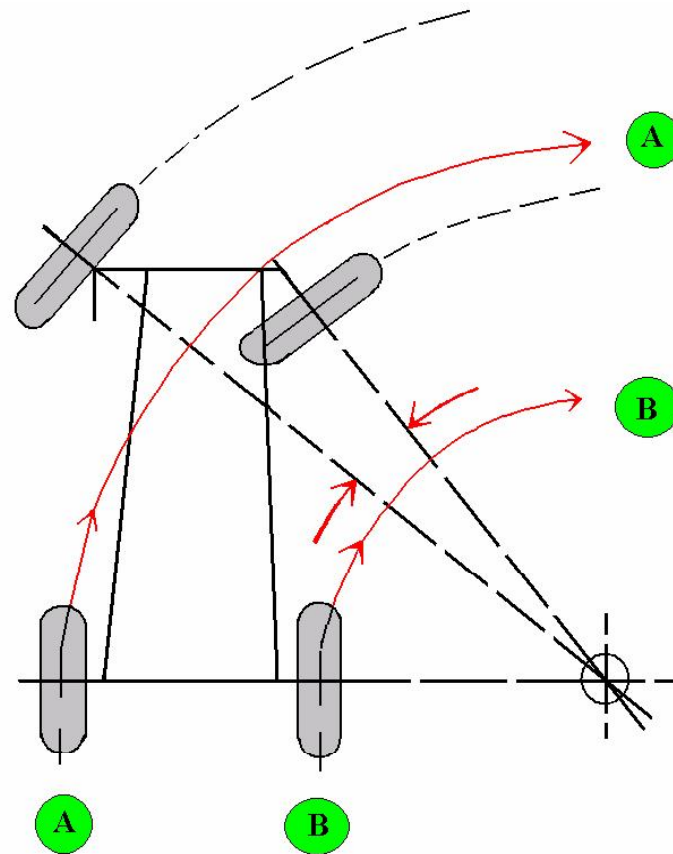
Caixa de Velocidades



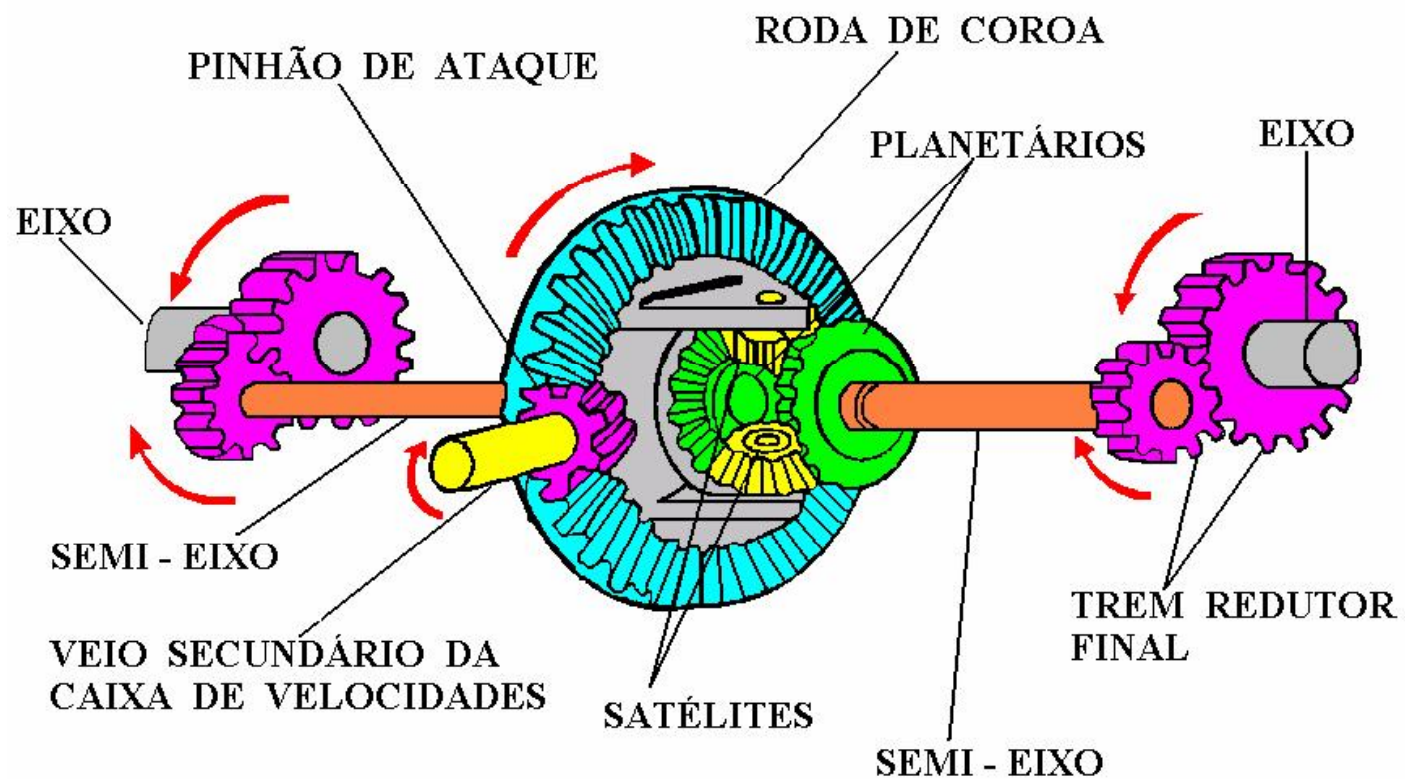
Caixa de Velocidades



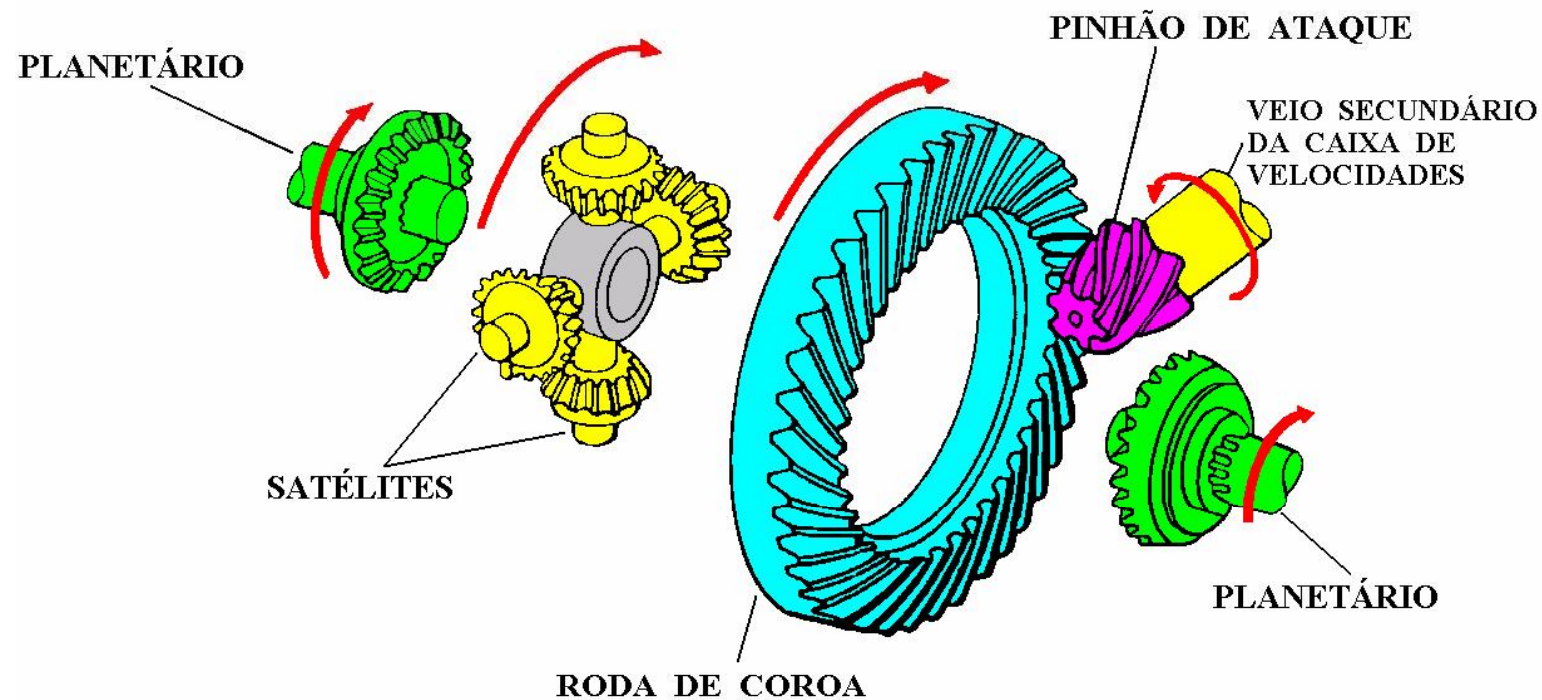
Diferencial



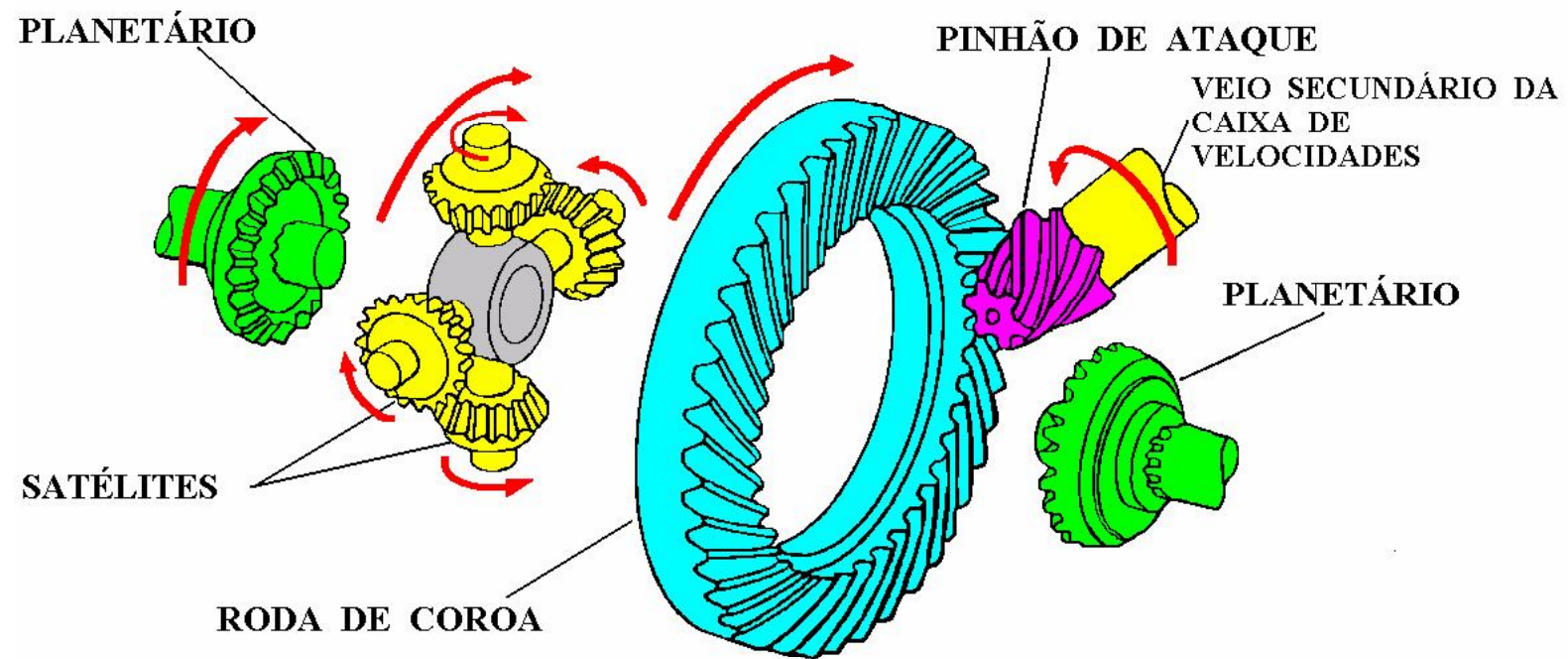
Diferencial



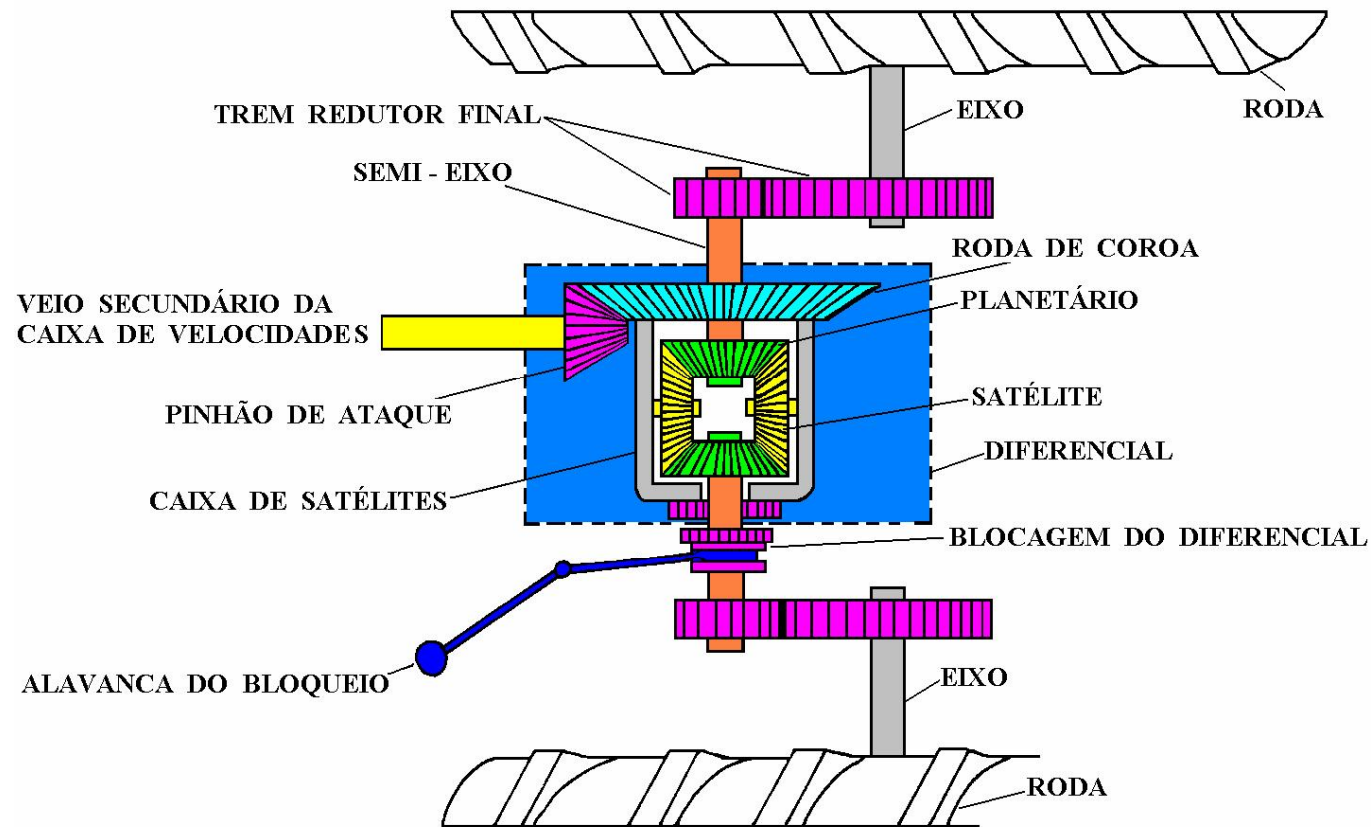
Diferencial



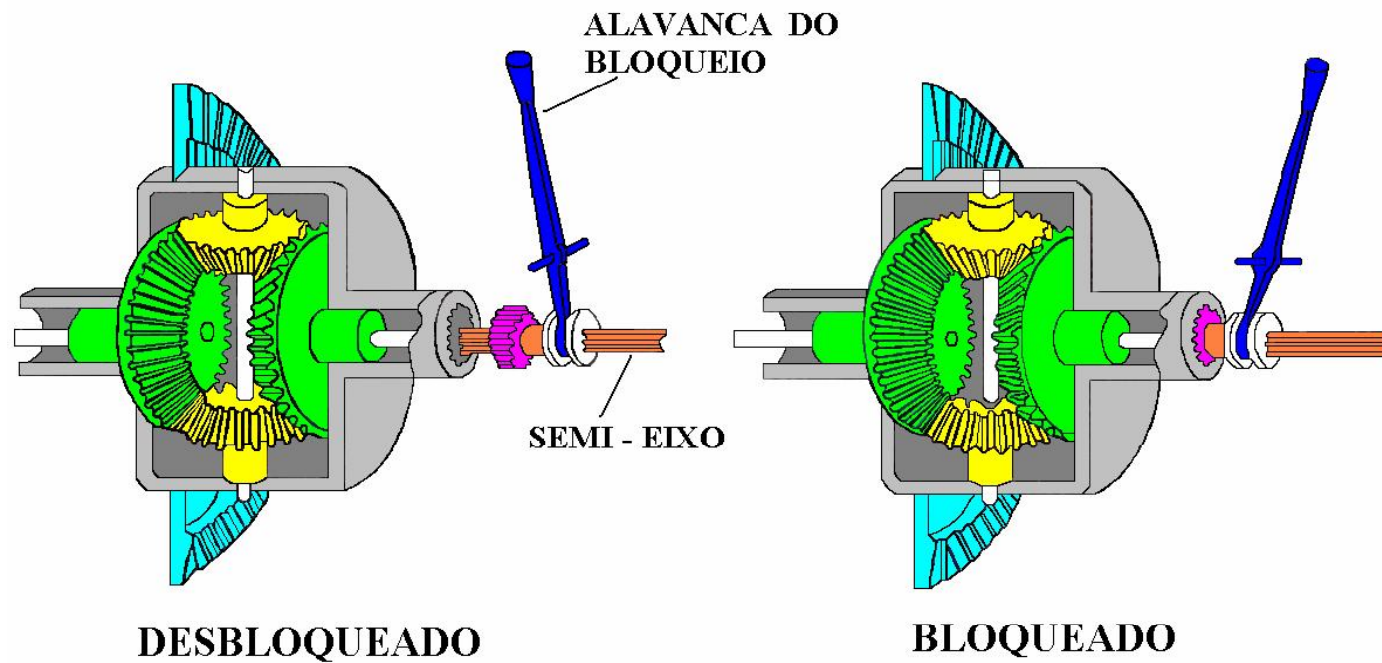
Diferencial



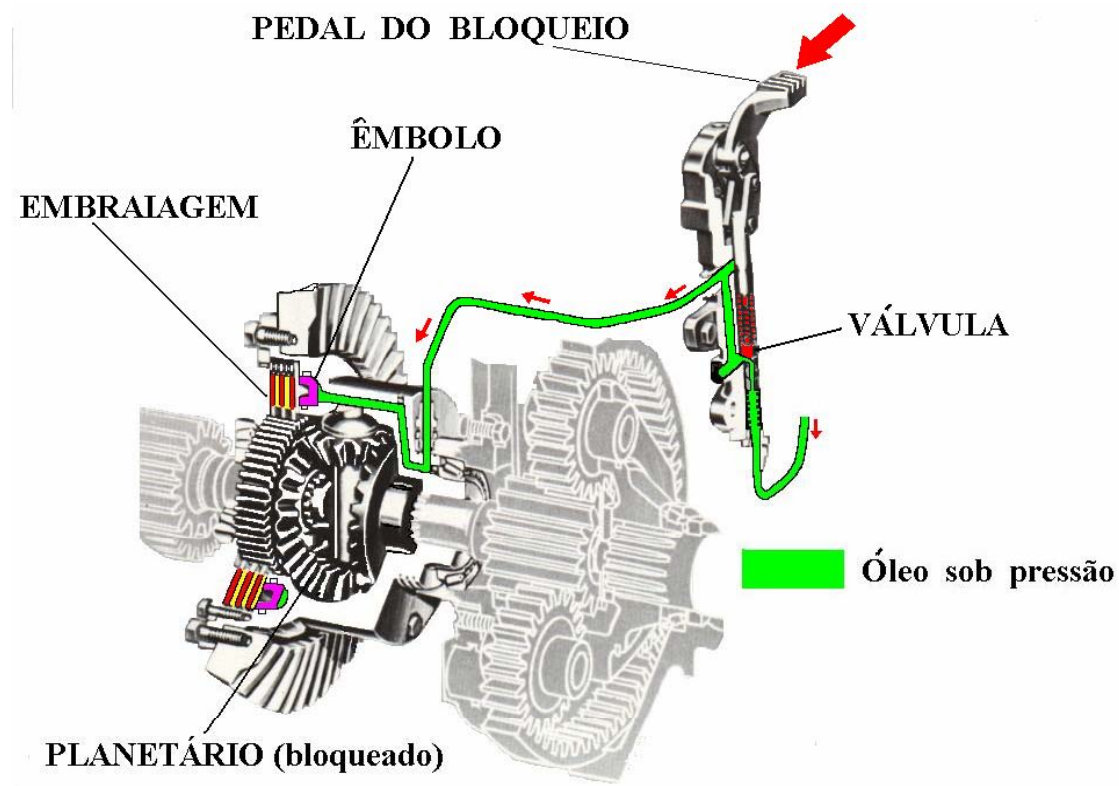
Bloqueio do Diferencial



Bloqueio do Diferencial



Bloqueio do Diferencial



Bloqueio do Diferencial



QUANDO UMA DAS RODAS PATINA CARREGA-SE
NO PEDAL DO BLOQUEIO

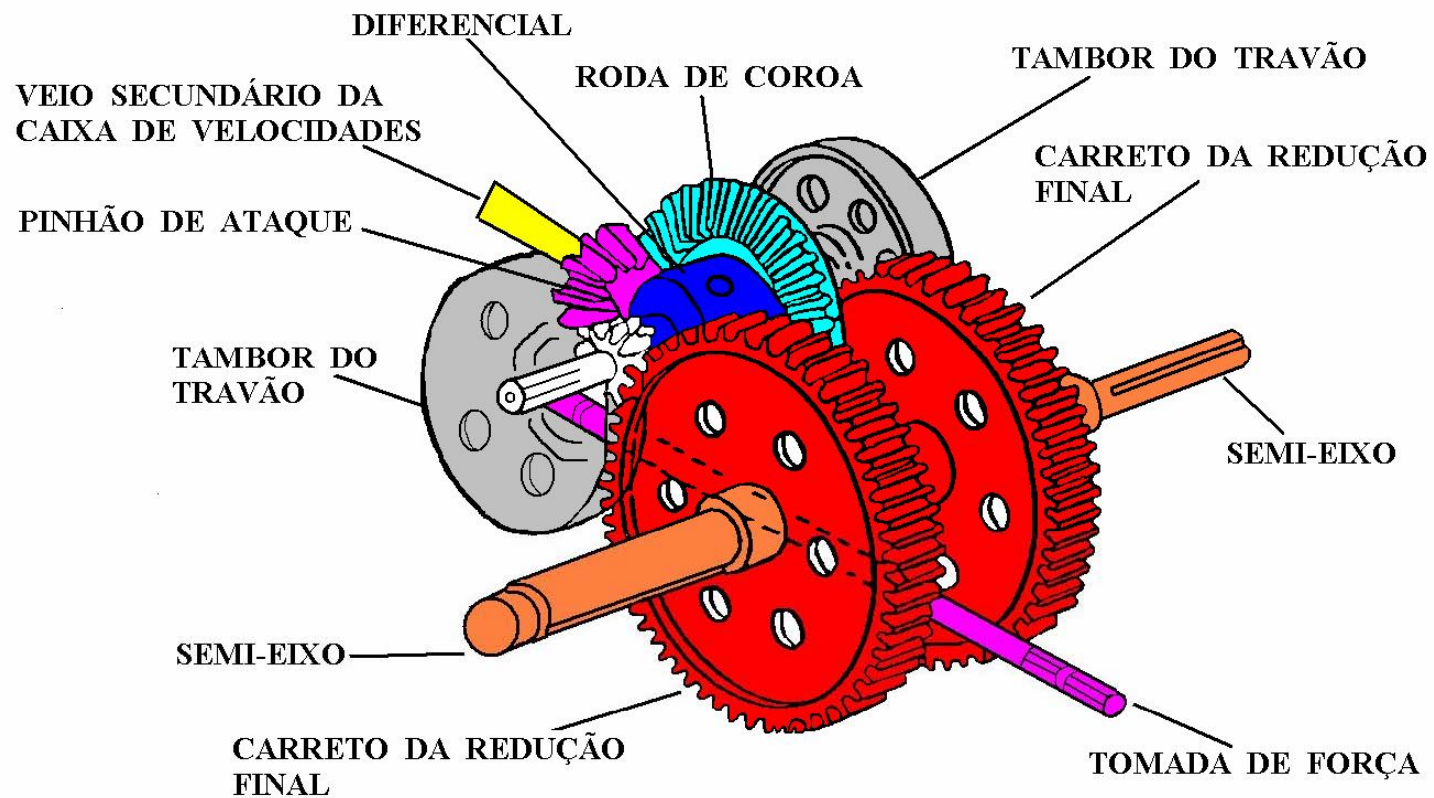


OS SEMI-EIXOS FICAM LIGADOS ENTRE SI

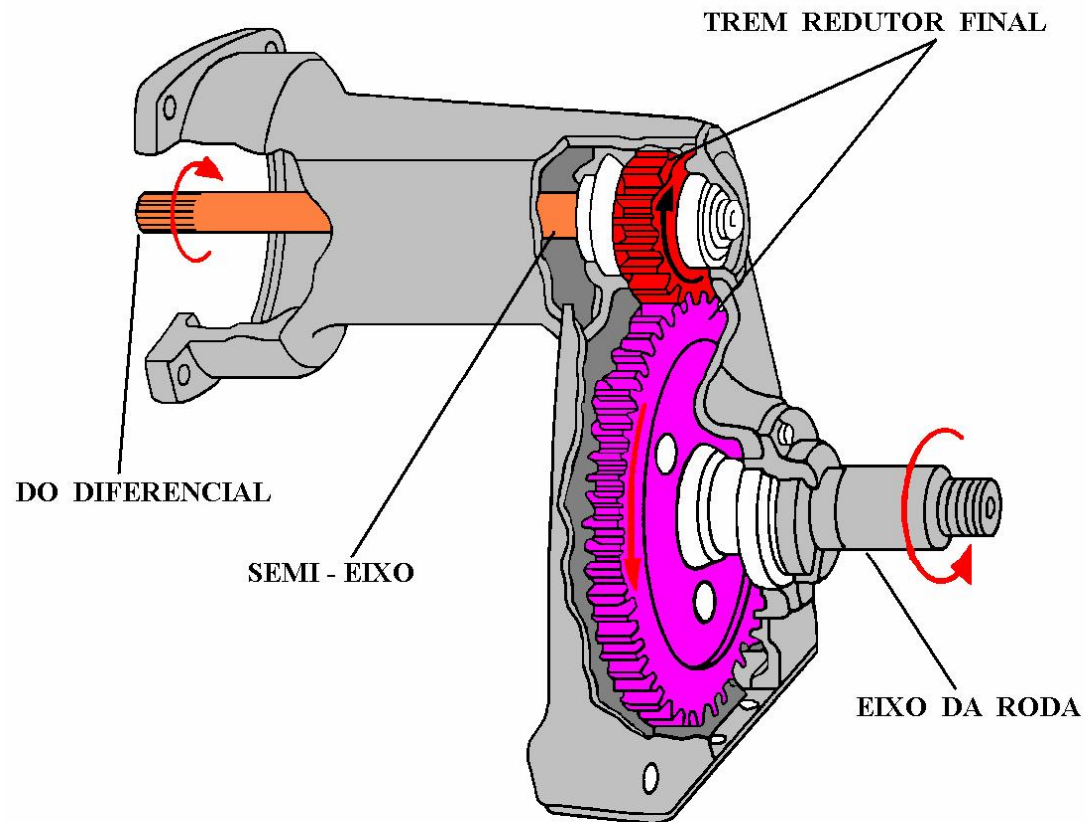


A BLOCAGEM DESLIGA-SE DEIXANDO DE ACTUAR
NO PEDAL LOGO QUE DEIXE DE SER NECESSÁRIA,
OU AUTOMATICAMENTE

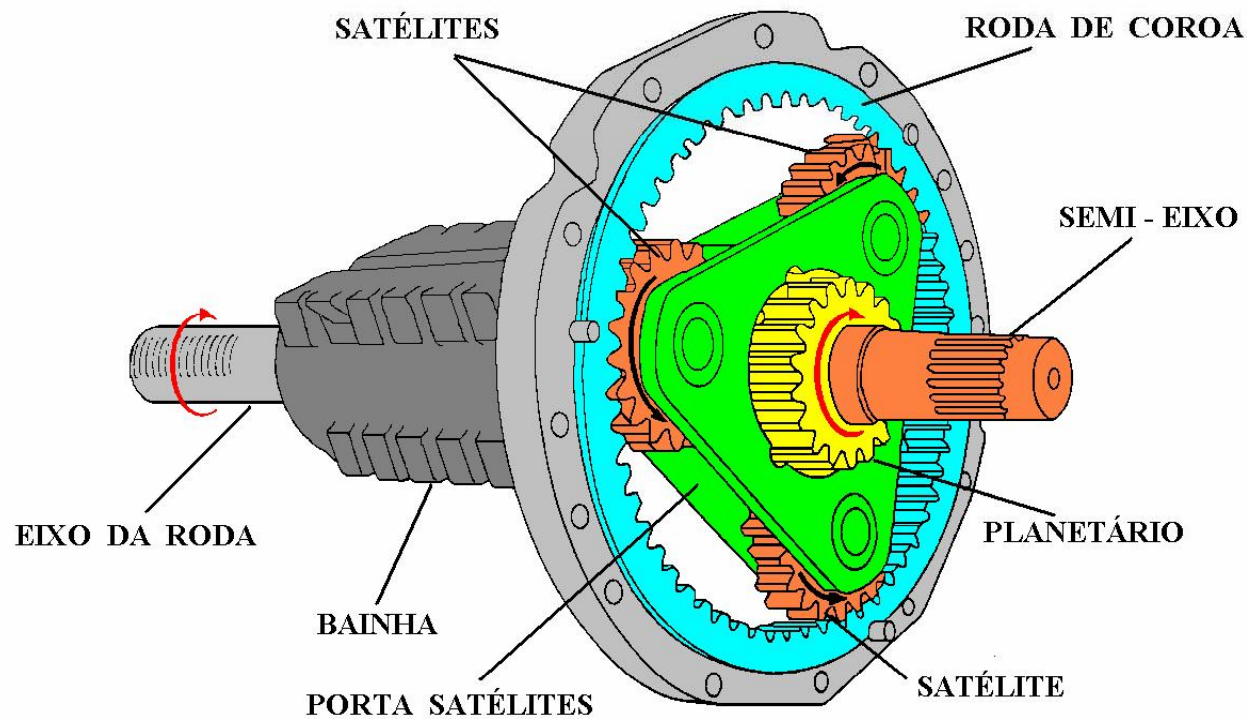
Redutores Finais



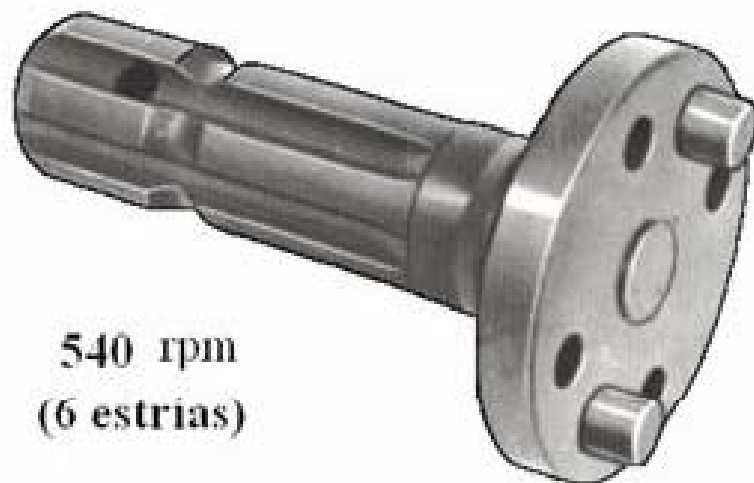
Redutores Finais



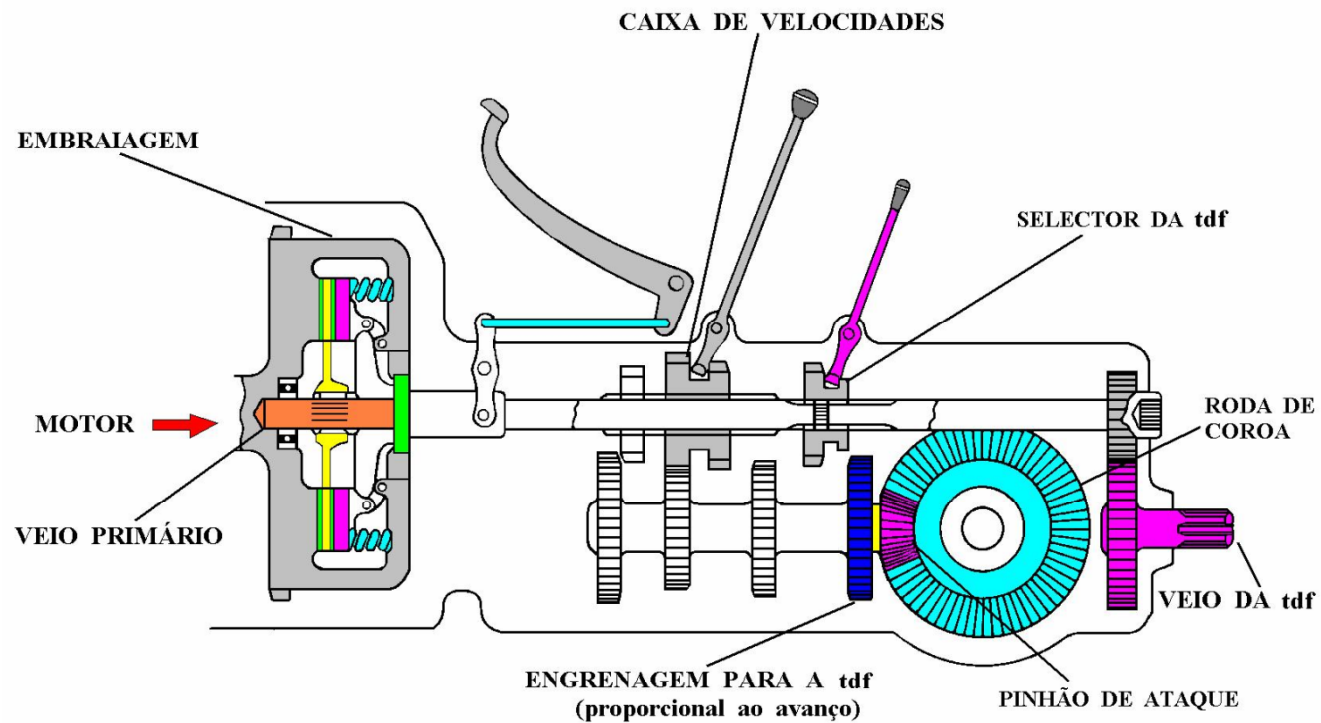
Redutores Finais



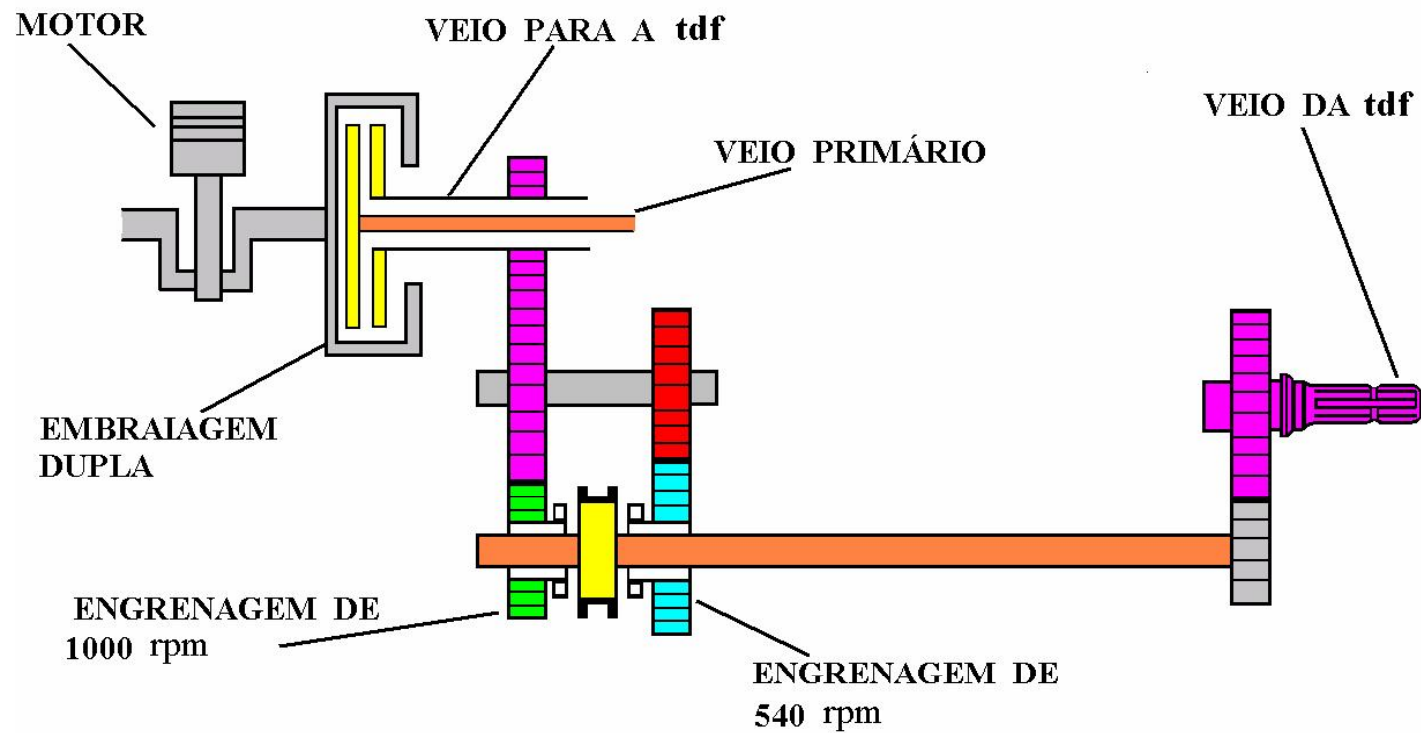
Tomada de Força



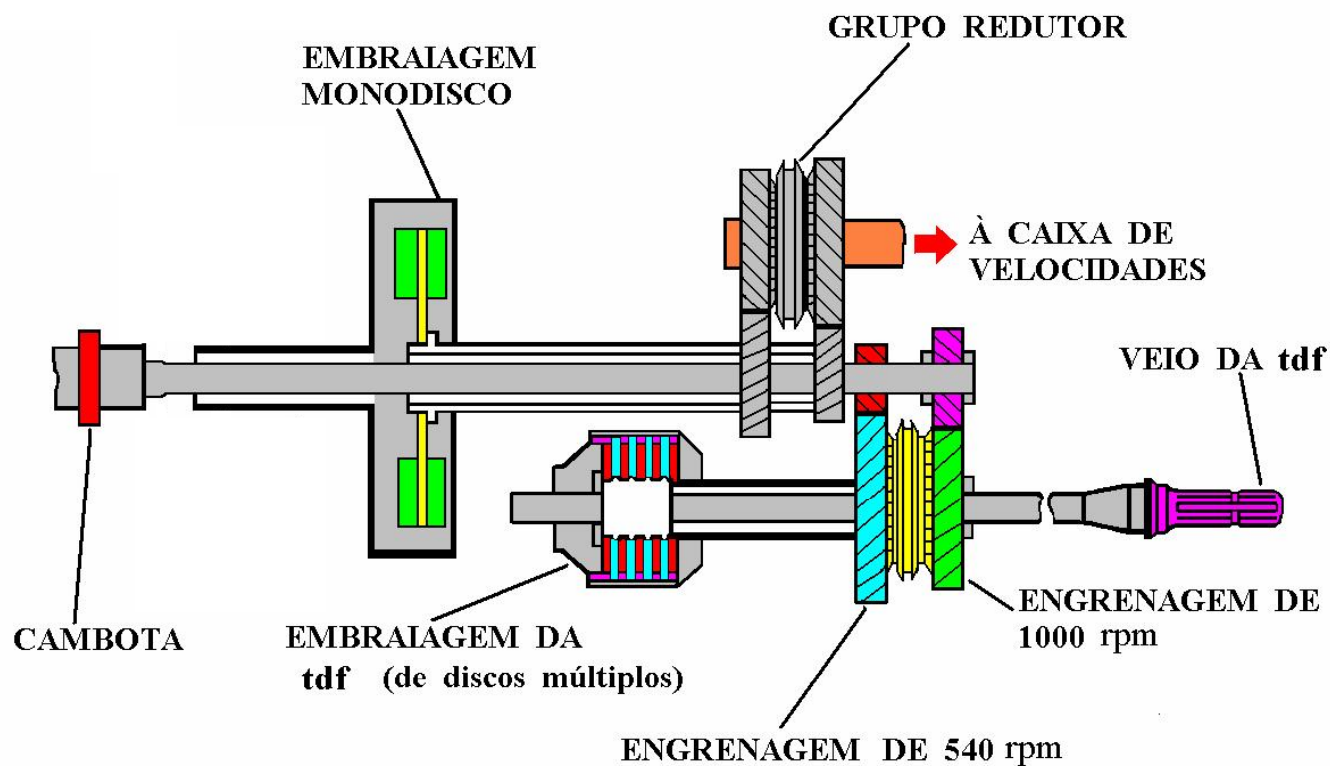
Tomada de Força



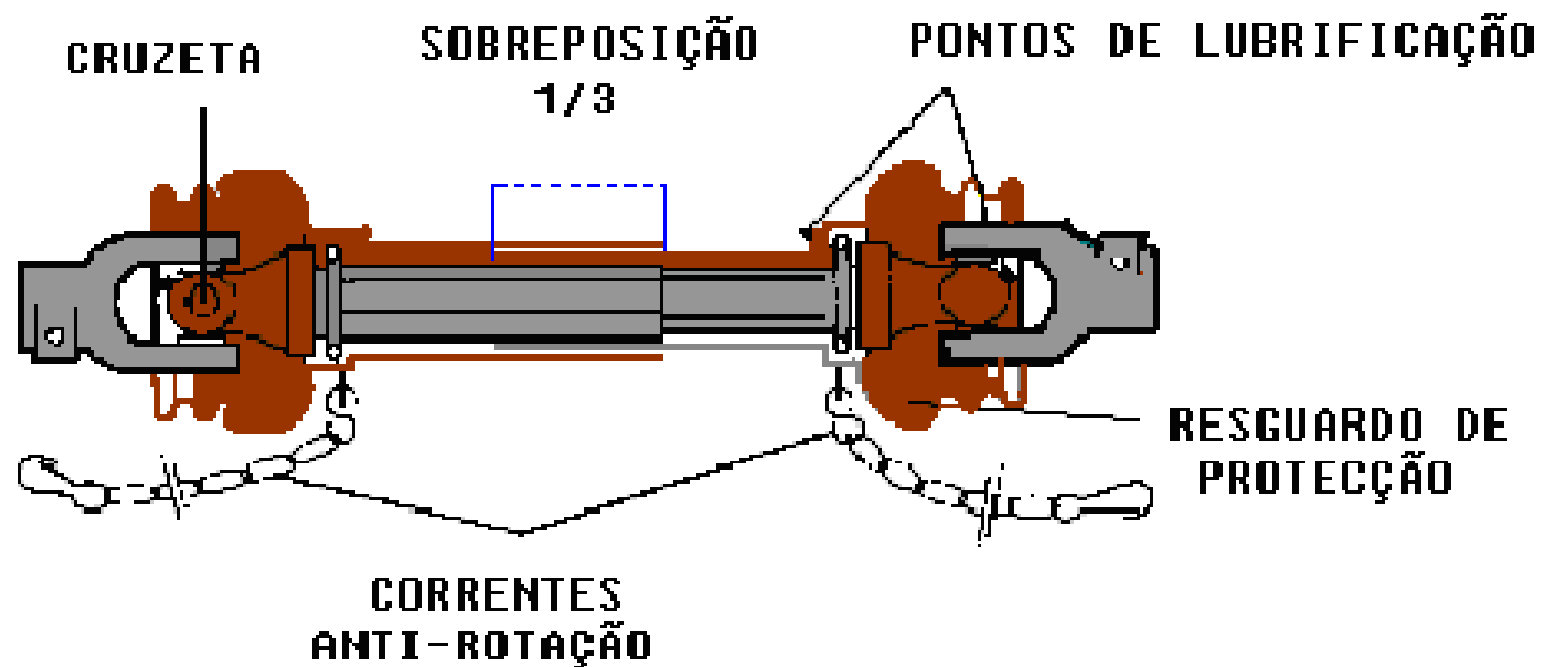
Tomada de Força



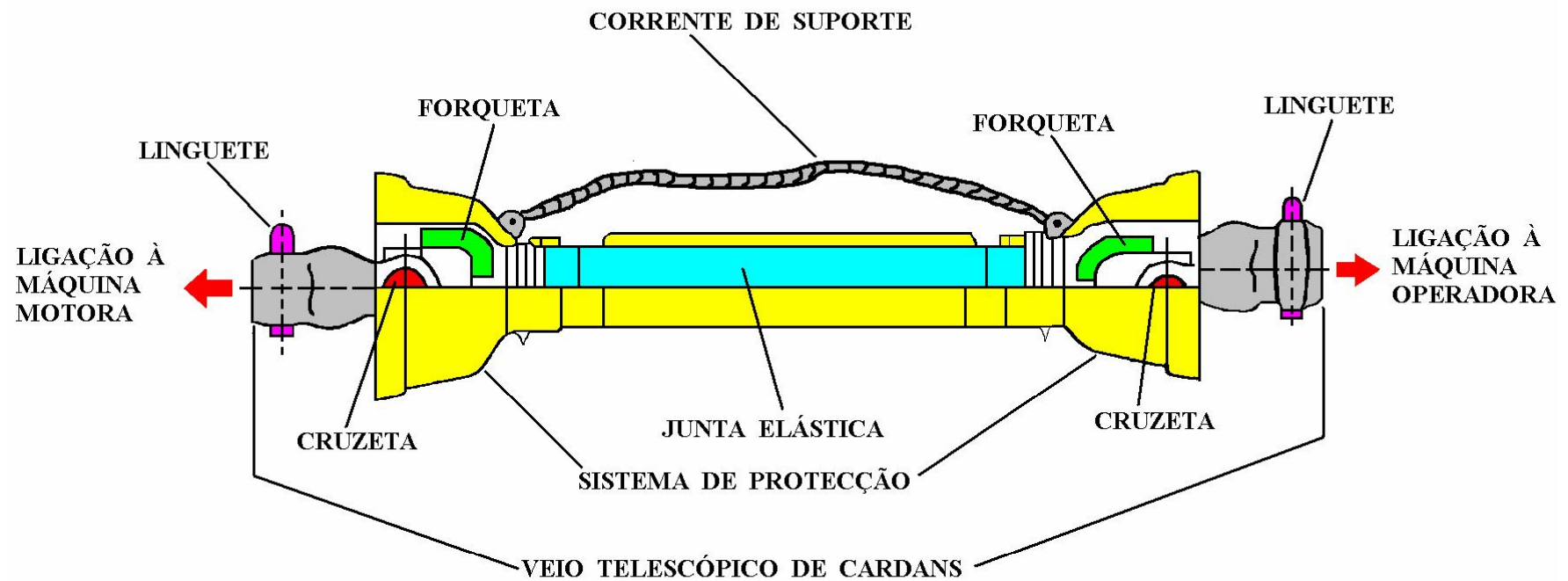
Tomada de Força



Veio Telescópico de Cardans



Veio Telescópico de Cardans



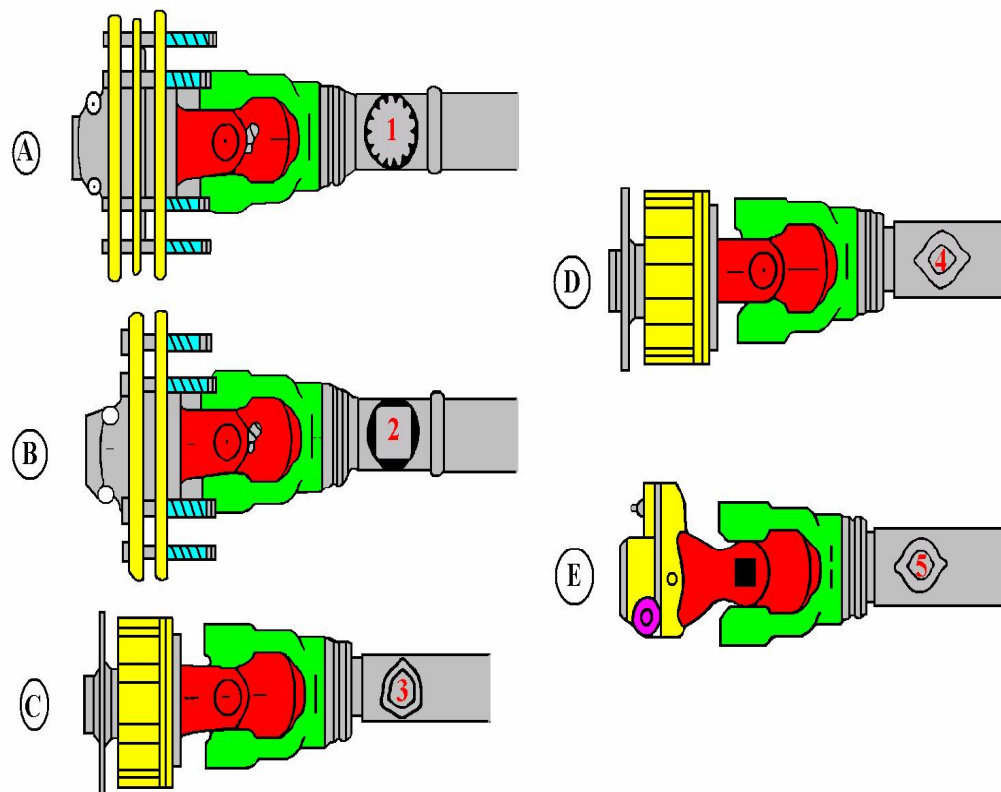
Veio Telescópicos de Cardans

A – Embraiagem de segurança de disco duplo;

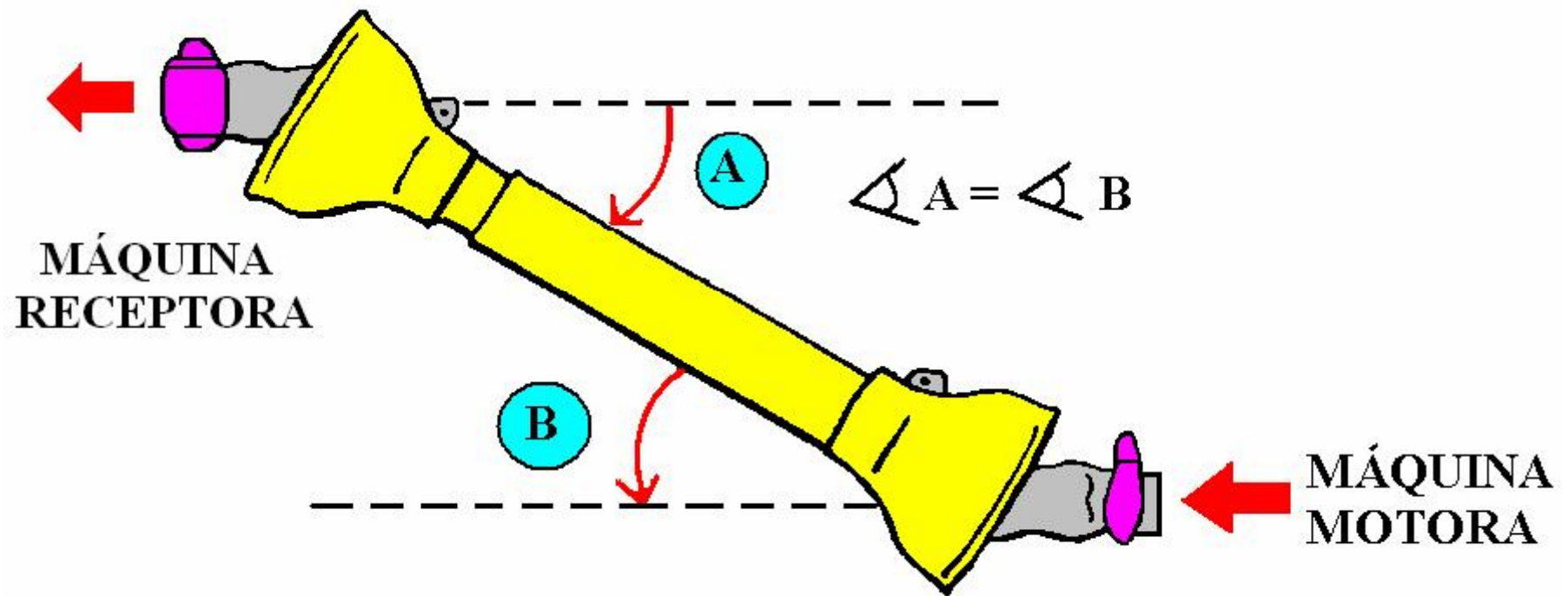
B – Embraiagem de segurança de disco simples;

C e D – Embraiagens de segurança de dentes;

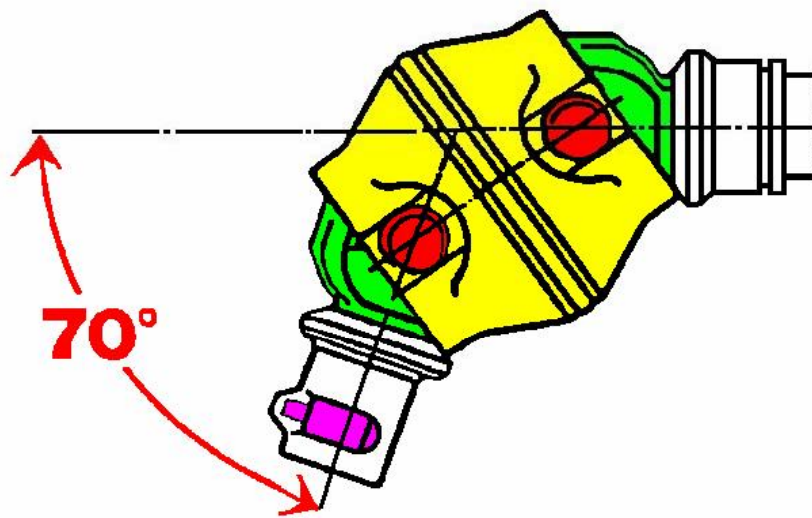
E – Embraiagem de segurança de parafuso fusível.



Veio Telescópico de Cardans

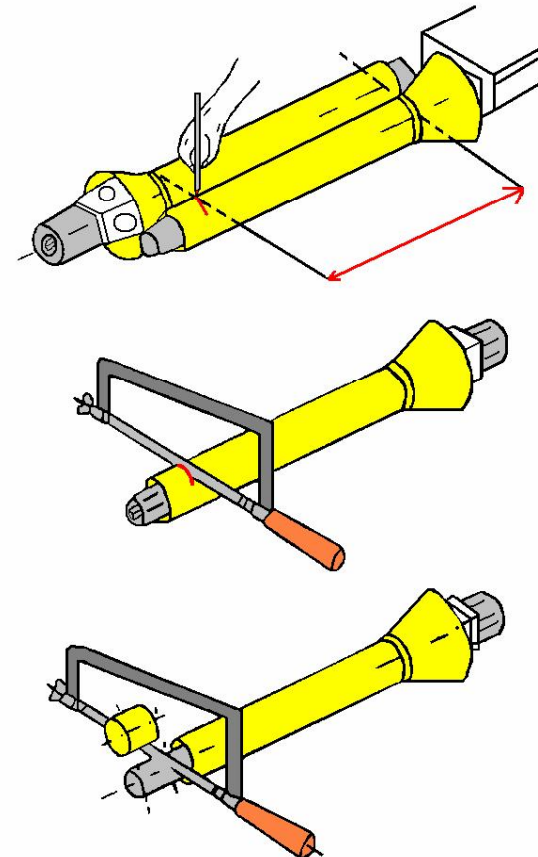


Veio Telescópicos de Cardans



Veio Telescópicos de Cardans

- 1 - Medir a distância a cortar nas protecções de plástico;
- 2 - Cortar a protecção de plástico;
- 3 - Medir no veio a distância a cortar com o auxílio da protecção de plástico cortada anteriormente (o número de centímetros cortados terá de ser igual no macho e na fêmea) e cortar o veio.



Transmissão Dianteira

