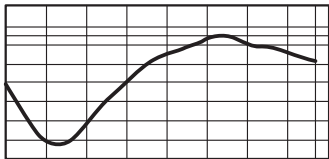


Input: load torque of DC motor (calculated), engine torque, efficiency, atmospheric temperature, etc.

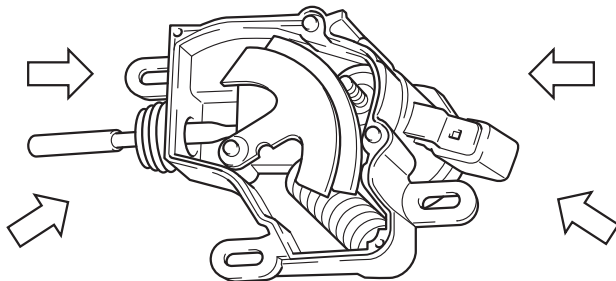
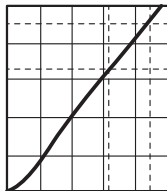
Torque



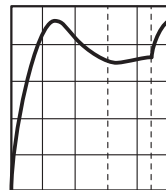
Engine torque



Angle



Speed of DC motor



Result: disengaging time

Disengaging time from engaged to slip point < 100 ms  
(from engaged to disengaged < 150 ms)