

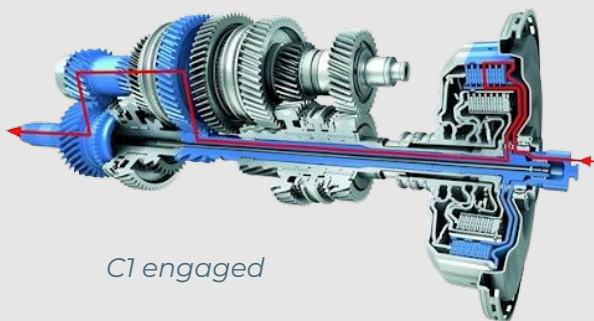
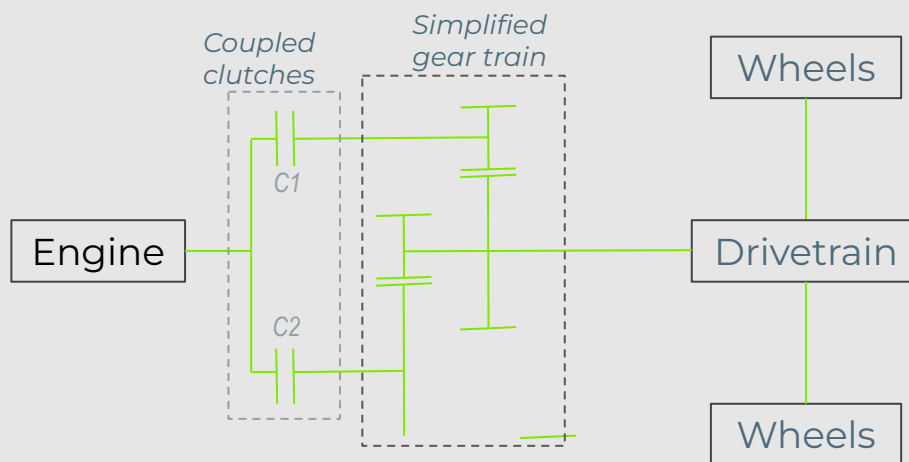


TECHNICAL INFORMATION

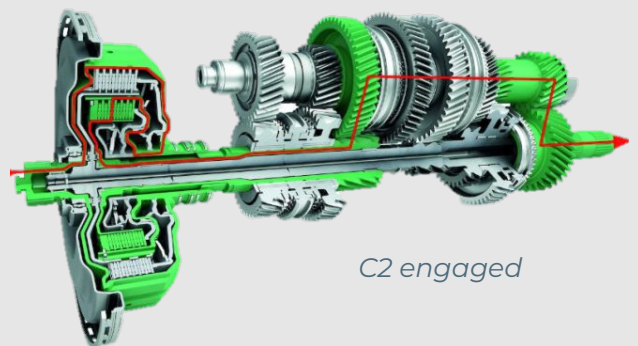
Gear Shift Actuator

What is Dual Clutch Transmission?

The dual clutch transmission is a great product combining two automatic transmission clutches and a manual transmission based gearbox.



C1 engaged



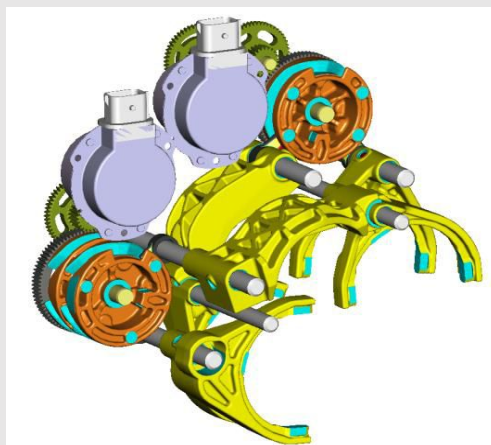
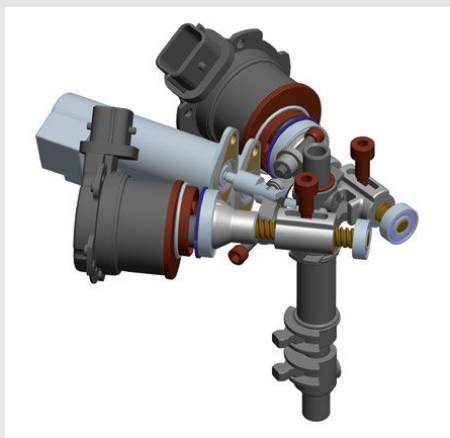
C2 engaged



How does it work?

To meet the needs of a Dual Clutch Gearbox, a device is required that is capable of moving the synchroniser forks to shift gears up or down.

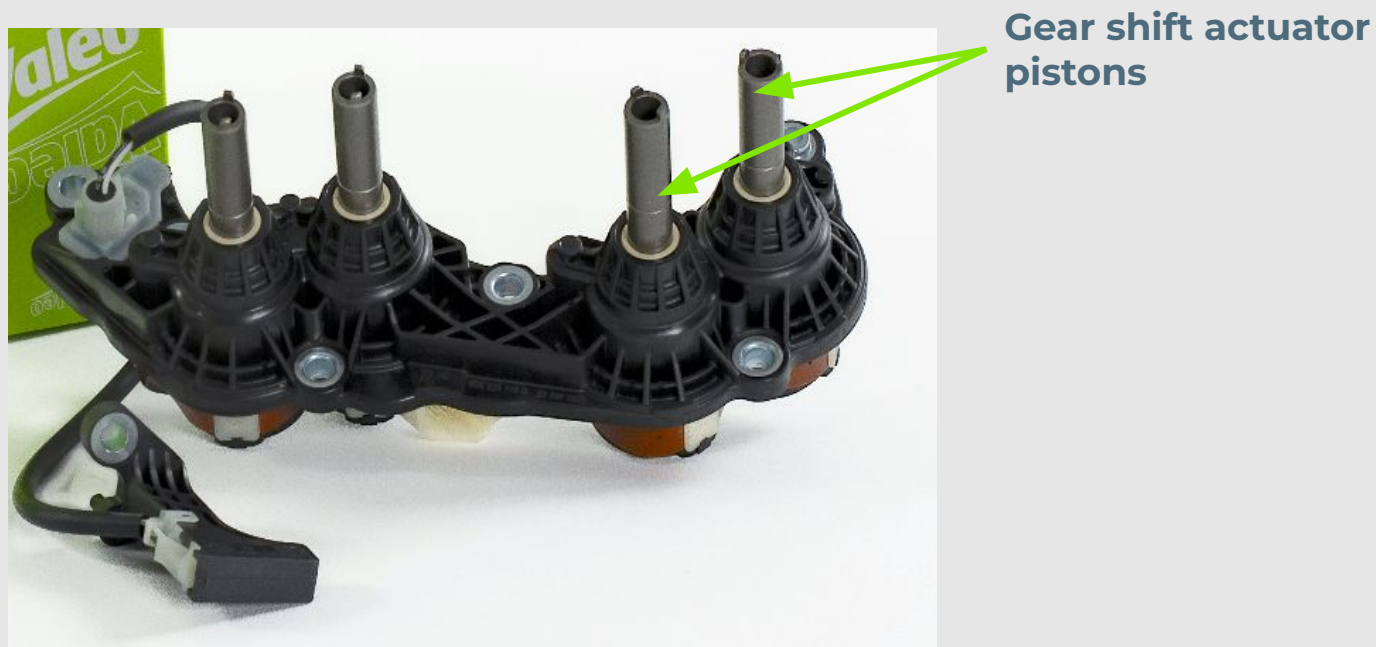
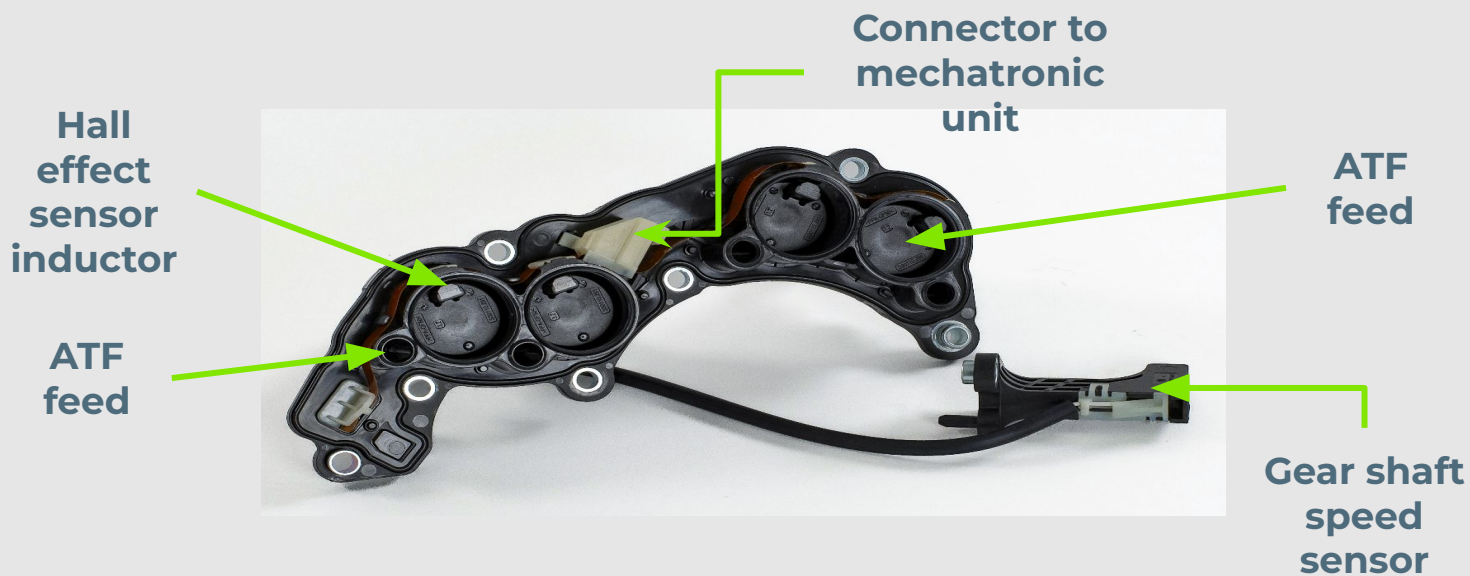
These devices can be of different technologies, depending on the manufacturer's needs, space, cost...



Gear Shift Actuator



Structure



This piston is connected to the gear selection forks via a screw.

Thus, when the hydraulic force acts on the actuator piston, the fork is operated to select the gear.

