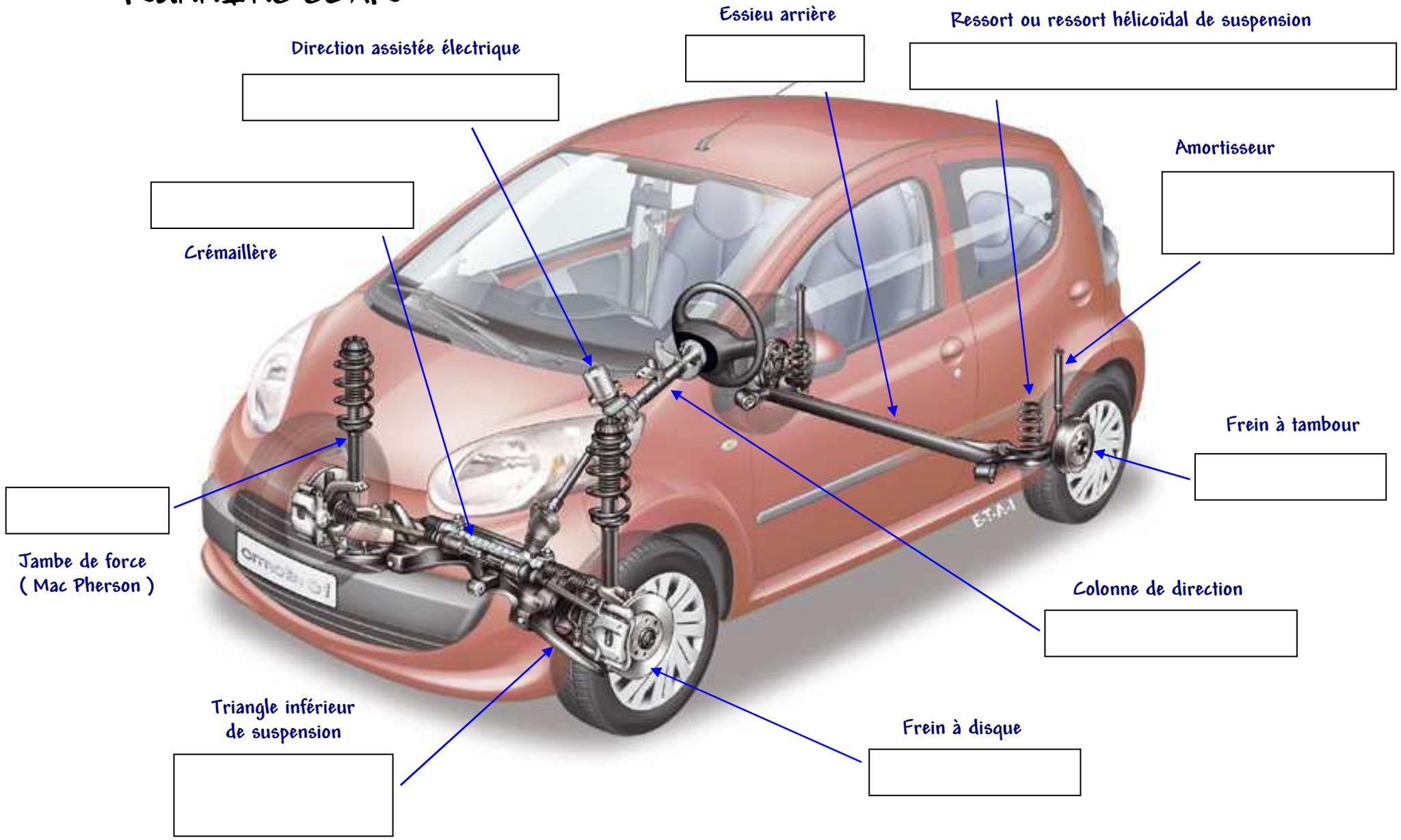


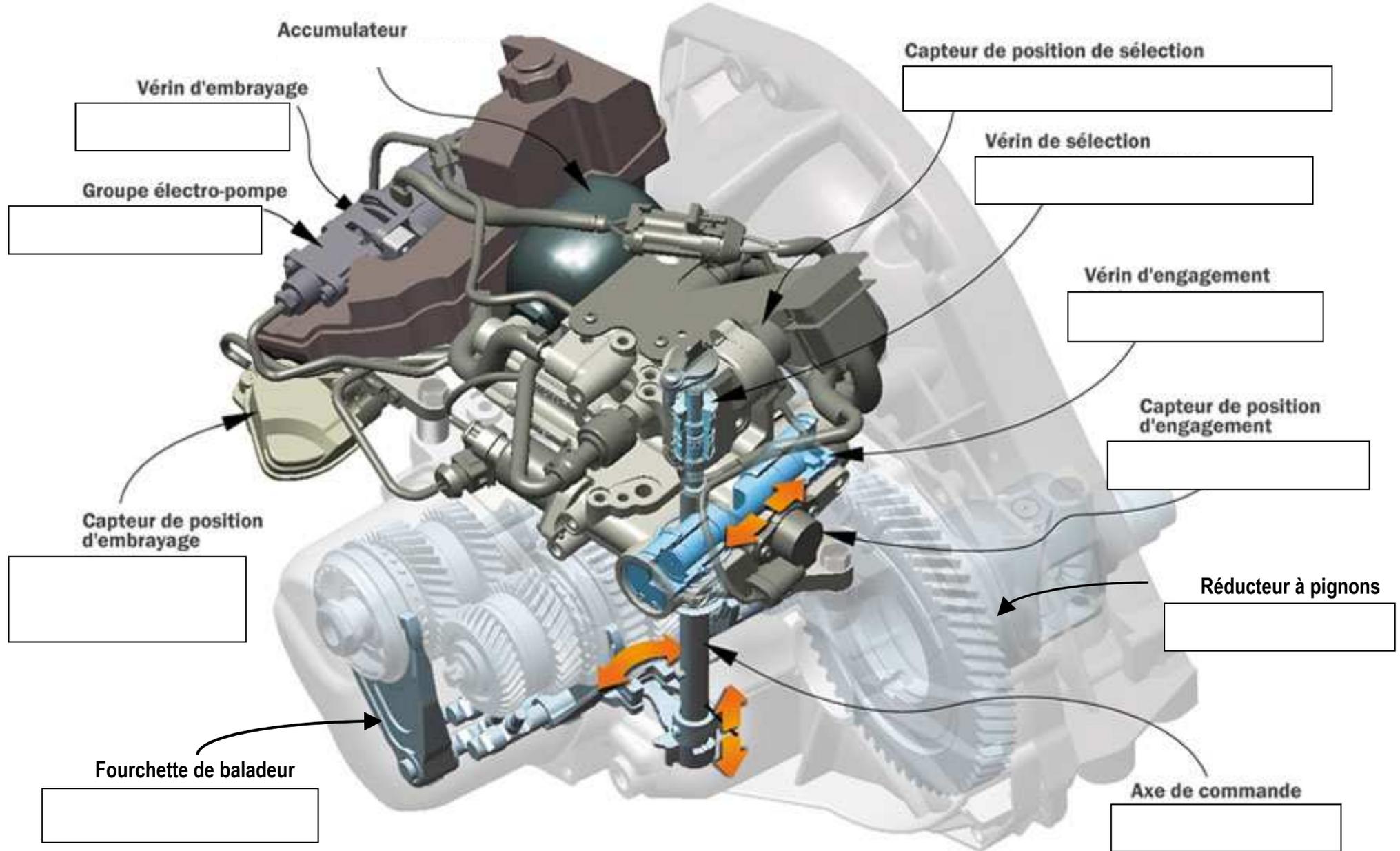
RUNNING GEAR



Liaison au sol

ROBOTIZED GEARBOX

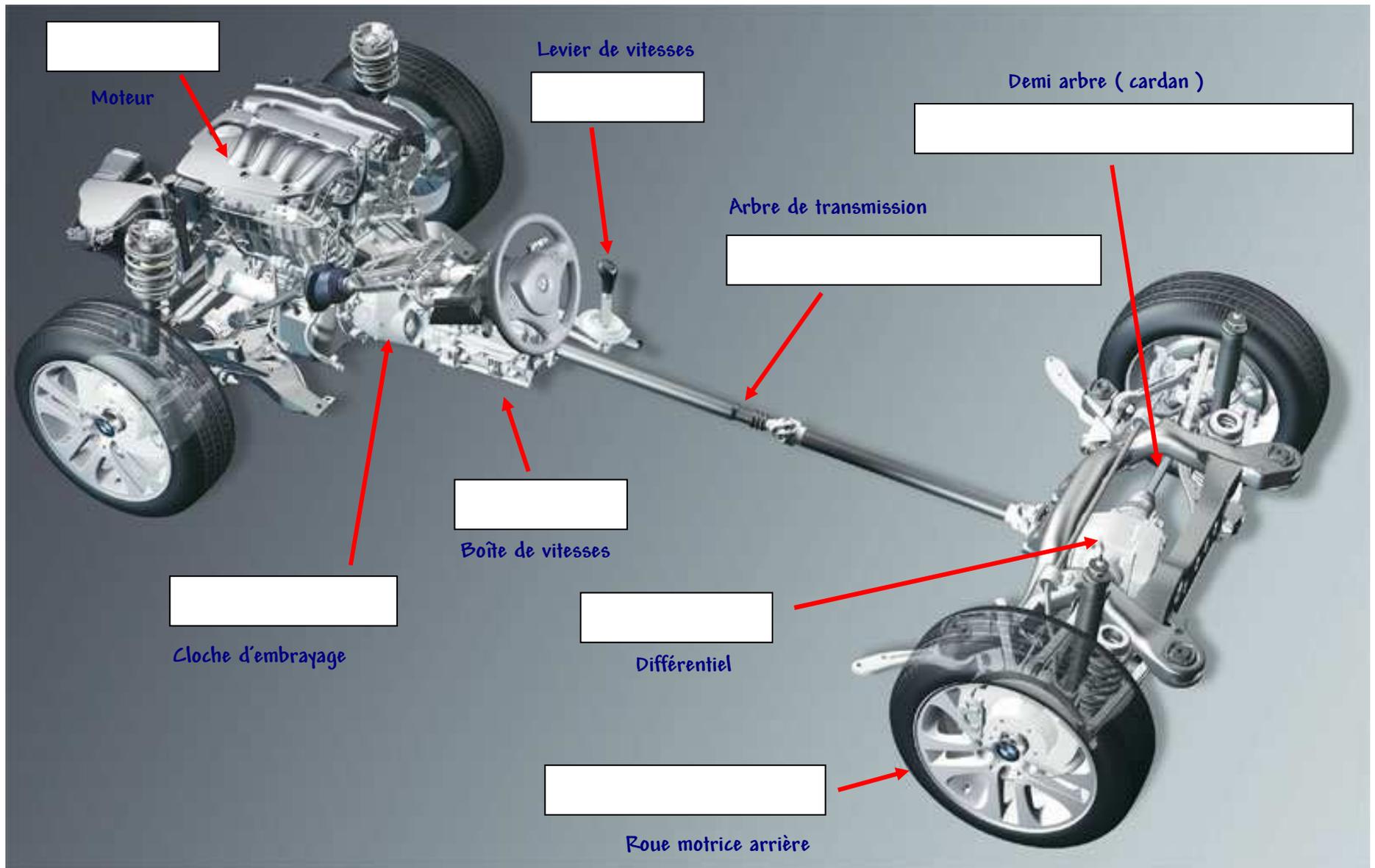
Fonction 3 - 2/8



Boite Quickshift 5

Boîte de vitesses robotisée

TRANSMISSION (Drive Line)



Transmission

DOSSIER RESSOURCE

TRANSMISSION ET LIAISON AU SOL

I Direction - Steering gear

Electric servo steering

steering rack

Steering column

II Suspension

Strut

Leaf suspension or suspension coil spring

Shock absorber (damper)

Inferior suspension arm

Rear axle

III Freinage - Braking

Drum brake

Disc brake

IV Boîte de vitesses - Gear box

Gear selection position sensor

Electric pump unit

Clutch actuator

Shift actuator

Gear selection actuator

Control shaft

Clutch position sensor

Shift position sensor

-

V Transmission

Engine

Clutch housing

Gear box

Gear lever

Driveshaft or propeller shaft

Differential

Wheel drive shaft or half-shaft

Rear driving wheel

-

TRANSLATE

TRANSMISSION AND RUNNING GEAR

RUNNING GEAR

- They are very efficient during the braking ; their size is more important than in the back..

- Less competitive but more tough (stable) than disc brakes ..

- It transforms a rotation movement into a translation movement to orientate wheels.

- It transmits a rotation movement. Between the steering wheel and the rack.

- To aim the vehicle, they can assist the driver thanks to a system of hydraulic or electrical enslavement.

- On the low party of the suspension, it links up the wheel with the chassis ..

- They absorb the changeability of the road ... For the best comfort of passengers.

- They diminish, they amortize, they absorb the swing of the suspension spring...

- It fulfils the axis of rotation, the axis pivotement of the wheels fronts.. It is constituted of a damper and a spring..

- It is a rigid movable train, it links up both wheels rears..

ROBOTIZED GEARBOX

- What product hydropower?

- What keeps stock and hydropower ?

- It commanded the clutch... It received hydropower...

- It commanded the selection of various reports ... It receives hydropower ...

- It controls the passage of various reports... It receives hydropower...

- It gives information on the position of the clutch... It communicates with the calculator robotic gearbox ...

- It gives information on the position of the gear selection actuator... It communicates with the calculator robotized gearbox...

- It gives information on the position of the shift actuator ... It communicates with the calculator robotic BV ...

- It commanded sliders gearbox...

- It moves the ring synchronizer... To allow the passage of the new report...

- It greatly movement ... Lowers, it reduces the rotational speed of the gearbox. ..

TRANSMISSION (Drive Line)

- It transforms the chemical energy into mechanical energy ...

- It is situated between the engine and the gearbox ... It is a crankcase ...

- It adapts the engine torque to the resisting torque..

- Situated in the passenger compartment, it allows the command of the gearbox..

- It passes on the rotation movement of the gearbox in the differential..

- It dismissal the movement in 90 degrees and distributed the couple on driving wheels ...

- It passes on the speed and the engine torque up to driving wheels..

- They pass on the driving strength in the road ...

