



## Opel Combo 4x4

LCV

2 versions : Van or Crew Cab

Engine : Diesel 1.5 100 (MAN5) and 130 hp (with Stop&Start) (MAN6)

**Incompatibilities** : passenger car, automatic gearbox, Intelligrip, Opel original tow bar, diesel 75, puretech 110 engine

### Description of the 4x4 Driveline:

- **DRIVEABILITY:** 4x4 driveline with viscous coupling, electronic traction control (selectable 4X2/4X4 modes)
- **SAVINGS:** ECO 2WD mode (selectable 4x4 / 4x2 modes)
- **ROBUSTNESS:** developed in collaboration with Dangel, original quality, specific DANGEL ESP
- **PROTECTION:** plates under engine/gearbox & fuel
- **CROSSING:** raise in suspension of 110 mm (205 mm ground clearance), rear differential locking in option, to face extreme situations

### The 4x4 Dangel system, a cost saving system:

Dangel 4x4 system can adapt to your needs, roads and weather conditions, thanks to its mode selector (ECO 2WD or AUTO 4WD).

**ECO 2WD Mode:** the 4x4 driveline is disengaged, thanks to a jaw clutch in the front transfer case. The vehicle works in front wheel drive, as standard 2WD version. This allows to save fuel and tires wear, when 4x4 is not necessary.

**AUTO 4WD Mode:** In conditions of normal surface grip, the vehicle works in front wheel drive, like the standard 2WD version. If the front axle loses traction, the viscous-coupling unit transfers a part of the available torque to the rear axle. This takes place automatically, without any driver's intervention, smoothly and only when necessary. The vehicle returns to 2WD as soon as the front axle has sufficient traction again.



### Warranty & maintenance:

2 years (Unlimited mileage).

Service intervals according to base vehicle.

## Advantages

- ✓ 4x4 on demand (mode selector ON/OFF)
- ✓ Increased ground clearance (205 mm)
- ✓ Low CO2 emissions and fuel consumption
- ✓ Only one LCV 4x4 with 3 seats
- ✓ Comfort (springs and suspensions)
- ✓ Automobiles Dangel is a 4x4 specialist
- ✓ Adaptability / rough terrain options available
- ✓ Protections (under engine/gearbox and fuel)
- ✓ 4x4 « VAN OF THE YEAR 2019 »

## Useful information

**Dangel Conversion lead-time:**  
4 to 6 weeks (after vehicles reception // transport excluded)

**Mandatory order Code : F46**

**EU Type approval e2\*2007/46**  
2nd step COC for each vehicle

## Scheme of the 4X4 driveline

