

Fiat Ducato Fifth Gear Modification

The following is a translation from the original Italian.

We come to the technical details ..

Engine: Fiat Ducato 2.8 JTD 127CV (x244)

Chassis: ZFA244

Gearbox: "syringe", 5-speed + reverse ie. with reverse gear selection alongside first.

Premise: from FIAT checking with chassis number the following fifth gears:

45x33 (short)

53x31 (very long), with a jump of about 1000rpm between 4 and 5, are available as spare parts.

According to Fiat, other gears are not possible.

Using the codes 9643757888 and 9635488988 you buy the pair of 49x33 gears originally mounted on 2.8 JTD power.

This pair of gears can be successfully installed in the gearbox.

The difference:

45x33 gear pair: Ducato

Road speed: 110km / h

RPM: 3100 approximately

or

RPM: 2500

Road speed: just over 70km / h

Gear pair 49x33

Speedometer indication: 110km / h

RPM: about 2700-2800

or

RPM: 2500

Speedometer indication: just over 90km / h

Operation cost: € 224 (invoice including VAT) per pair of original 49x33 gears purchased from FIAT, 10% discount + 60 € mechanic and 3lt oil.

Points of attention:the oil load is carried out by first extracting the tachograph control which is located behind and above the gearbox, it must be extracted with caution because the shaft with the gears can easily detach and fall inside the gearbox, which is terrible because it should be totally decoupled to recover it . Even more dangerous is the phase of insertion of the shaft when the oil has been loaded, because the probability that it will come off is high. The trick is to put on the head of the shaft, where it is inserted in the plastic support of the "meter", a nice finger of grease for gears, the thick one .. this will act as a brake (suction cup effect) when the shaft in question falls, without compromising in any way its functionality and safety.

Hello everyone to inform you how to put the gear oil of the ducato 244 you do not need to remove the speedometer gear. Just remove the plastic vent located in the upper part of the gearbox and with a pipe and a funnel pour the oil directly into the gearbox. 3 litres of oil maximum.