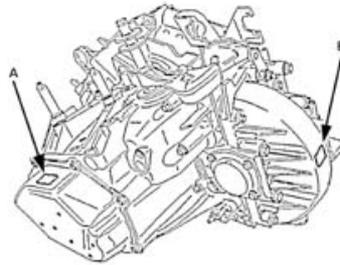


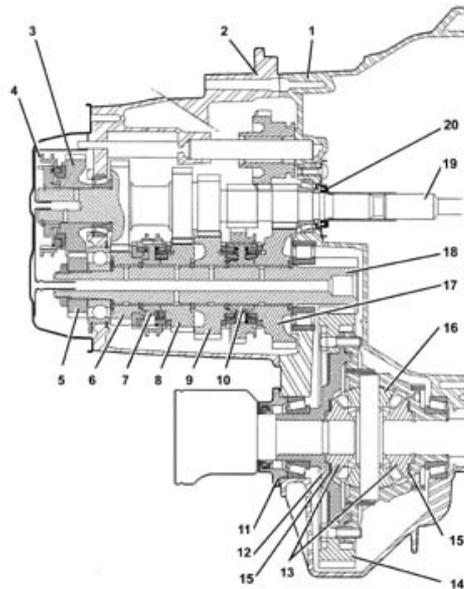
DUCATO 2.0 16V INTRODUCTION

The main features of the MLGU gearbox are:

- torque 30daN/m,
- new "candelabra" type layout of the gears,
- new gear lever with reverse gear engagement safety device (the collar under the gear lever has to be raised in order to engage reverse gear).
- gearbox casing with bellhousing and gearbox casing separate,
- MG 5 Tu type synchronizers for 1st, 2nd and 3rd speeds; simple surface for 4th and 5th speeds
- synchronizer cone with triple surface for 1st and 2nd speeds, double surface for 3rd speed and simple surface for 4th and 5th speeds
- new order inside the gears
- brake for engaging reverse gear which uses the 5th speed synchronizer
- reverse gear inhibitor outside the gearbox casing
- differential with 4 satellites



- 1 - identification label stuck on the 5th speed cover
- 2 - label containing the serial number



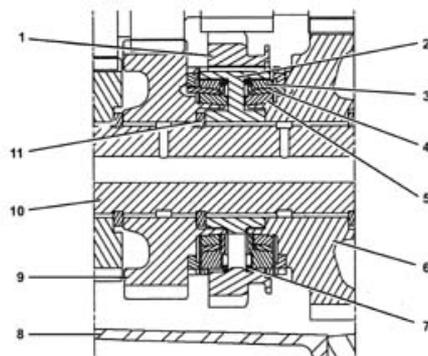
- 1 - bellhousing
- 2 - gearbox casing
- 3 - 5th speed drive gear
- 4 - 5th speed synchronizer
- 5 - 5th speed driven gear
- 6 - 4th speed driven gear
- 7 - 3rd and 4th speed synchronizer
- 8 - 3rd speed driven gear
- 9 - 2nd speed driven gear
- 10 - 1st and 2nd speed synchronizer
- 11 - differential fastening plate
- 12 - differential housing
- 13 - planet gears
- 14 - differential ring gear
- 15 - differential adjustment shims
- 16 - satellite gears
- 17 - 1st speed driven gear
- 18 - layshaft
- 19 - main shaft
- 20 - guide pipe

LUBRICATION

Oil capacity: 2,7 ± 0.3 litres
 Frequency of the checks: nil.
 Oil level check: no level check.

SYNCHRONIZERS

1ST AND 2ND SPEED SYNCHRONIZER



- 1 - synchronizer sleeve
- 2 - synchronizer hub
- 3 - synchronizer outer ring
- 4 - twin cone
- 5 - synchronizer inner ring
- 6 - 1st speed driven gear
- 7 - coupling
- 8 - gearbox casing
- 9 - 2nd speed driven gear
- 10 - layshaft
- 11 - stop ring

1st and 2nd speed synchronizer simple triple cone synchronizer with coupling.

3rd and 4th speed synchronizer. simple synchronizer with twin cone for engagement of 3rd speed driven gear, simple cone for engagement of 4th speed driven gear with coupling.

5th speed synchronizer. simple triple cone synchronizer with coupling.

GEAR ENGAGEMENT LEVER

The diagram below illustrates the new layout of the gears

