



Picture 51

Remove the differential locking unit from satellite carrier (pic.51) and cage-type needle bearings (pic.52) from the lower front shaft.



Picture 52



Picture 53

Remove the differential satellite carrier from the internal central shaft (pic.53).



Picture 54

Remove 3pcs.rods for differential lock from the collar (pic.54).



Picture 55

Release the cap nut from the oil pipe (pic.55), loose 4pcs.hexagonal socked-had screws from the oil pump casing and removes it. (pic.56).



Picture 56



Picture 57

Remove the Seeger ring from the speed selector rod (pic.57)



Picture 58

Apply a supporting plate to fix the shafts with the rotative stand (3080A018) and rotate the gear box by 180° (pic.58). Remove the previously fixed supporting plate (pic.59).



Picture 59



Picture 60

Release the hexagonal socket-head screw and remove the upper and lower front shafts (pic.60, 61, 62, 63, 64).



Picture 61



Picture 62



Picture 63



Picture 64

To dismount these groups of shafts, the operations are the same as described at the pictures 33 and followings.



Picture 65

Release the screws and remove the middle front cover (pic.65) and remove the retaining rings from upper, intermediate and lower front shaft bearings (pic.66)



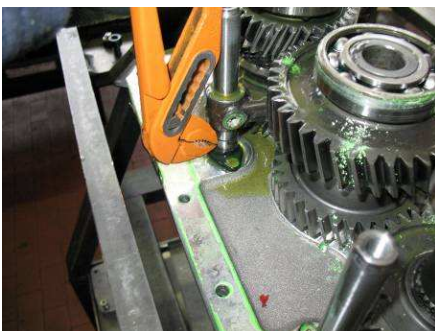
Picture 66



Picture 67

Remove the front case (pic.67).

Remove the speed change fork as shown at picture 41 and followings.



Picture 68

Remove the ring from the speed shifting rod (pic.68). This operation is destructive. (the ring can be damaged).



Picture 69

Remove the shifting rod (pic.69).



Picture 70

Remove the assembled intermediate shaft (pic.70).



Picture 71

Apply universal extractor to pull down the bearing from the shaft (pic.71), both helical gears and spacer (pic.71, 72, 73, 74).



Picture 72



Picture 73



Picture 74



Picture 75

Remove the supporting plate, release 2 pcs. of hexagon socket-head screw and remove the blank flange for differential lock mechanism. (pic.75, 76).



Picture 76



Picture 77



Picture 78



Picture 79



Picture 80

Press the inserted helical spring and thrust ring by means of the pliers 3080A188. Remove the Seeger ring from the shifting rod, and following the spring, assembled fork, and collar. (pic.77, 78, 79, 80).



Picture 81

Remove the shifting fork from the rod, grip it into the vice with Support 3080A181 and release the nut. (pic.81).



Picture 82

Remove the retaining ring from the upper rear shaft bearing (pic.82).



Picture 83

Take out the assembled upper rear shaft from the central flange (pic.83) and apply the universal extractor to pull out the bearing (pic.84).



Picture 84



Picture 85

It's not recommended to dismount the group in picture 85 (destructive operation)



Picture 86

Take out the assembled internal central shaft from the central flange (pic.86) and remove the retaining ring from the bearing. (pic.87).



Picture 87



Picture 88

Apply the universal extractor to pull out the bearing (pic.88) Remove the 2nd. gear wheel (smaller diameter for high speed –used only for army version, bigger diameter for low speed) (pic.89).



Picture 89



Picture 90

Remove the bearing from the opposite side (pic.90).



Picture 91

Remove the upper part of jaw clutch, retainer ring and rest part of jaw clutch with synchronizers (pic.91, 92, 93).



Picture 92



Picture 93

Removing the retaining ring and 1st gear wheel from the shaft is not suggested (destructive operation).