3. Unscrew the nine bolts fastening the cover.

4. Install the pin of the clutch release lever and run a soft cord through it. Holding the cover by the cord, drive out the primary and secondary shafts with light taps. Remore the cover, When doing this, take care to keep the gasket intact. Remove the reverse idle gear. Take off the reverse gear with the fork from the secondary shaft.

5. Extract the starting mechanism shaft assembly and remove the spring, gears and washers from the intermediate shaft.

6. Remove the fork shaft from the hole in the casing (without extracting it from the forks).

7. Take the forks with the shaft out of the slots of the gearshift disk.

8. Fit the elastic coupling disk on the secondary shaft and secure it with a nut.

9. By lightly tapping the nose of the primary shaft and the elastic coupling disk, drive out the shaft with the forks from the casing.

10. Pull back the lock slightly and remove the gearshift disk from its axle.

11. Extract the pawl spindle, the pawl and spring.

12. Remove the cotter pin and unscrew the nut securing the crank-cam, take off the crank-cam from the splines of the shifter shaft and extract the shifter shaft.

13. Remove the reverse lever handle and take the pin and lever out of the case.

Assembling

1. Install the gearshift mechanism.

2. Install the primary shaft assembly in the casing in such a way that its front bearing sinks halfway into the casing seat.

3. Insert the gearshift forks into the slots of the gearshift sleeve of the secondary shaft, pass the fork shaft through them and install the secondary shaft in the casing. Slightly tapping the shaft with a soft metal hammer, drive the shaft into the casing, ensuring that the gear crowns of the primary and the secondary shafts are properly aligned, drive the shafts into the casings as far as they will go. Insert the forks into the slots of the gearshifts disk, and introduce the fork shaft into the casing.

Further assemblage does not involve any difficulty and is carried out in a sequence reverse to that of dismantling.

Main Drive

The main drive comprises the cardan drive and the reducer with a pair of bevel gears (of the main drive).

The cardan drive consists of three basic components: an elastic coupling, propeller shaft and universal joint assembly. The universal

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