



Late type

Early type

## SEMI TRAILING AXLE (RAPID 130, 120 LX)

REMOVAL (With Axle on Vehicle)

1. Remove the outer hub nut (1) and washer (2).
2. Disconnect the drive shaft from flange (16) taking care not to damage rubber boot (4) (and seal-earlier type) and remove flange nut and washer.
3. Remove brake drum (3).
4. Fit thread protector MP5-1528 in place of nut (1) fit MP5-152 puller and draw off hub flange (6) remove special tools.
5. Remove inner flange (16) may require puller MP5-122.
6. Remove bearing cover (11) and back plate.
7. Fit adaptors MP5-118 (4 of) to tool MP5-112 and extension to outer end of shaft (8).
8. Pull shaft (8) and bearing (10) from the casing (19).
9. Fit U plate between bearing and casing and push shaft (8) through the bearing. Remove bearing from shaft.
10. With a suitable drift (MP5-119 and extension), drive out the inner bearing (14) and seal (15) from casing.

RE-ASSEMBLY

1. Pack the bearings with grease as specified in 15.2 of manual.
2. Install single row bearing (14) using MP5-119 and seal (15) using MP5-120 into the casing.
3. Fit the outer bearing (10) onto the shaft (8) as far as the shoulder using MP5-112 with long sleeve and spacer MP5-118.
4. Remove shaft extension from shaft and tool.
5. Using MP5-112 with both sleeves, press the outer bearing and shaft into the casing.
6. Refit the inner flange (16), washer and nut.
7. Refit back plate and outer seal carrier.
8. Fit outer flange using MP5-117 washer and new nut.
9. Tighten outer flange nut to  $300\text{NM} \pm 50$  and the inner to  $100\text{NM} \pm 25$  and LOCK into the shaft groove.
10. Refit brake drum (3) and drive shaft, ensuring rubber boot (4) and (seal-earlier models are undamaged).