

Pack the hub with Shell Retinax "A" grease to a capacity not exceeding 30 c.c. (See Fig. 8.)

As a guide, the front hub dust cap if removed and filled with grease is approximately correct.

Fit the brake backing plate.

Pass the drive shaft through the bearings from the inner end.

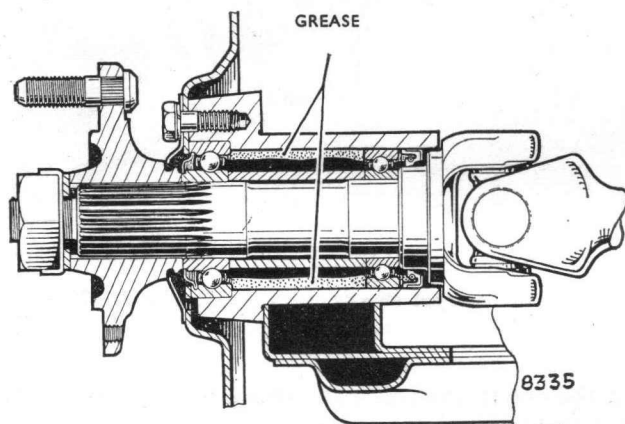


Fig. 8. Pack rear hubs with grease

Fit the tubular collar from Tool No. RG.379 over the outer end of the shaft and fit the washer and nut. (See Fig. 9.)

Tighten the nut, pulling the shaft through the bearings.

Remove the nut and tubular collar, and fit the hub, new lock-washer and nut. Always fit a new lock-washer, and assemble with the thick side to the hub. (See Figs. 5 and 8).

Tighten the nut to the torque loading given in General Data and secure with the lock washer, using Tool No. R.188C/3. (See Fig. 4.)

Fit the brake drum and securing screw, couple up the handbrake linkage and hydraulic pipe.

Reconnect the drive shaft coupling to the drive shaft flange and remove the clamp.

Adjust the brake shoes and bleed the brakes.

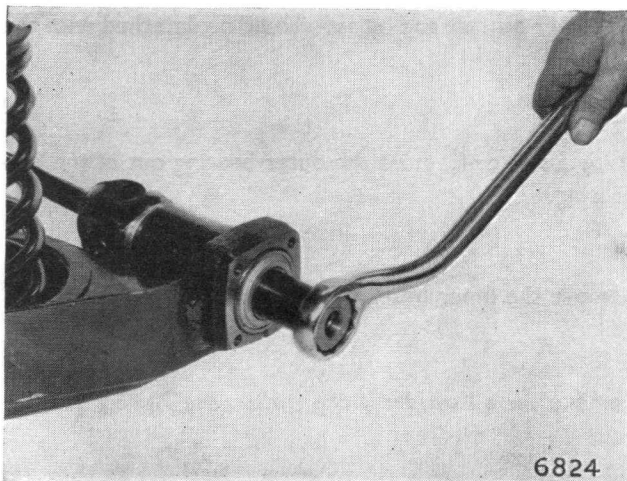


Fig. 9. Fitting drive shaft to rear hub

UNIVERSAL JOINTS

To dismantle (See Fig. 10)

The needle bearing type universal joints are so designed that correct assembly is a very simple matter, no hand fitting or special tools being required.

Individual parts of the needle roller bearing assemblies should not be renewed singly. If replacements are found to be necessary, the complete set of bearing parts comprising:— journal complete with gaskets and retainers, needle bearing assemblies and snap rings, should be fitted.

The journal and needle bearing assemblies are the only parts subject to wear after prolonged service, and when it becomes necessary to replace these for any reason the work should be carried out as follows:—

Remove snap rings by pinching together with a pair of pliers. If a ring does not snap out of the groove, remove enamel from the yoke holes and tap the end of the bearing assembly lightly, which will relieve pressure against the ring.

Holding the joint in one hand, tap gently with a piece of copper or copper hammer on the radius of the ear of the yoke.