

column nut, also the clamping stud nuts.

The steering head bearing consists of two deep groove thrust races each containing 19 $\frac{1}{4}$ in. dia. balls. See Subsection 113 for removal of races from frame head lug. Use an old screwdriver, or taper wedge to take off the cone on the fork column.

125. Dismantling the Forks

The forks can be removed as a unit, or the fork legs can be removed individually. To take out one one fork leg remove the front wheel as described elsewhere. Take off the front mudguard with stays. Release nut for pinch bolt (28), and pull top end of rubber gaiter from cover tube. Remove filler cap plug (34), disconnect it from the damper rod, by using two spanners.

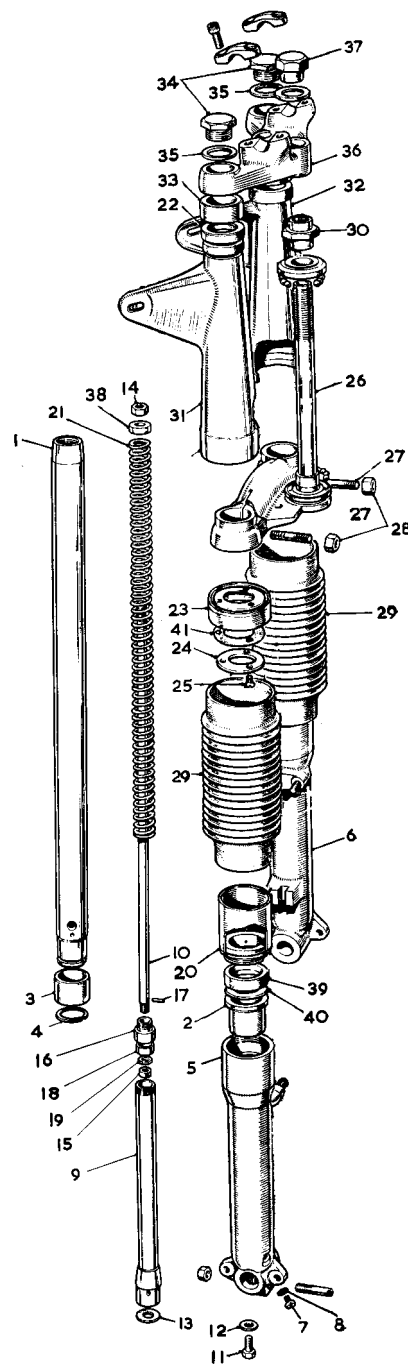
The fork inner tube can now be drawn downwards clear of the handlebar lug and fork crown. If the tube resists removal fit back the filler plug without being connected to the damper rod, screw in a few turns, then give it a few sharp blows with a soft faced mallet to separate the tube from its taper fixing in the handlebar lug.

Front Fork Assembly

- 1 Fork main tube.
- 2 Main tube bush.
- 3 Main tube bottom bush.
- 4 Main tube bottom bush circlip.
- 5 Fork end left hand.
- 6 Fork end right hand.
- 7 Fork end drain plug.
- 8 Washer for plug.
- 9 Oil damper tube.
- 10 Oil damper rod.
- 11 Oil damper tube bolt.
- 12 Washer for bolt.
- 13 Washer for tube.
- 14 Nut for rod top.
- 15 Nut for rod bottom.
- 16 Damper tube cap.
- 17 Piston locating peg.
- 18 Oil damper valve cup.
- 19 Oil damper valve cup slotted ring.
- 20 Main tube lock ring with cup.
- 21 Main spring.
- 22 Main spring locating bushes.
- 23 Spring cover tube.
- 24 Spring top cover tube securing plate.
- 25 Screws securing plate.
- 26 Crown lug complete with column.
- 27 Pinch stud for crown lug.
- 28 Nut for stud.
- 29 Rubber gaiter.
- 30 Fork head race adjuster nut.
- 31 Top cover left hand.
- 32 Top cover right hand.
- 33 Main tube top cover ring.
- 34 Fork main tube filler and retaining plug.
- 35 Washer for plug.
- 36 Fork head clip.
- 37 Fork crown and column lock nut.
- 38 Fork spring locating bush.
- 39 Main fork tube oil seal.
- 40 Main fork tube oil seal washer.
- 41 Bottom cover tube seal.

126. To Remove the Forks as a Unit

Follow the instructions given for removing a fork leg, as far as disconnecting the filler plugs from the damper rods. Proceed by taking off the headlamp leaving it suspended by the loom. Separate the control cables from the levers, and remove handlebars. Remove the column nut (37) then



FRONT FORKS

Fig. 41