



Fig. K.3

*A section through the front suspension assembly*

further rotation and operate the ratchet handle clockwise to compress the spring unit sufficiently to allow the spring strut to be extracted from the sub-frame tower and the spring unit removed. Do not overcompress the spring.

#### Removing

Jack up the car after compressing the spring as detailed above and remove the road wheel.

Remove the bump rubber from the sub-frame tower.

Take off the nut securing the upper arm to the swivel hub ball and remove the arm from the ball pin.

With the spring unit compressed the strut can be levered away from its seating in the spring unit.

Detach the hydraulic damper, dismantle the upper arm pivot, and remove the upper arm (see Section K.5).

Hold the centre screw of the compressing tool to prevent it turning, screw the ratchet handle up to release the pressure on the spring unit, and extract the spring from within the sub-frame tower.

Slacken off the compressing nut before attempting to remove the centre screw from the spring unit.

To alter the direction of operation of the ratchet handle rotate the milled sleeve at the inner end of the handle.

#### Refitting

Ensure that the spring unit is seating correctly on its spigot within the sub-frame tower. Compress the spring, using Service tool 18G 574. Refit the upper arm to the frame and the strut between the arm and the spring. Secure the dust seal over the lip of the nylon seating in the upper arm. Refit the bump rubber to the sub-frame, the hydraulic damper, and release the spring unit from compression.

### Section K.3

#### SWIVEL HUBS

##### Removing

Jack up the vehicle and remove the road wheel.

Remove the steering rack ball joint retaining nut and release the ball joint with Service tool 18G 1063.

Disconnect the drive shaft at the inner flexible joint, removing only the four outer nuts from the coupling 'U' bolts. Mark the drive flange and the flexible joint to enable them to be replaced in their original position.

Slacken the brake hose at the frame union and remove it from the brake back-plate.

Remove the upper suspension arm retaining nut and spring washer and release the arm from the pin with Service tool 18G 1063. Remove the nut and spring washer from the rear end of the lower arm pivot pin and push the pin forward to release the arm. Withdraw the swivel hub assembly complete with the drive shaft.

##### Dismantling

Unscrew the two brake-drum retaining screws and remove the brake-drum.

Extract the split cotter pin and remove the slotted nut and spacing washer from the end of the drive shaft. Remove the drive shaft with Service tool 18G 304, using adaptor bolts 18G 304 F.

Remove the driving flange from the hub with Service tool 18G 575.

Remove the outer bearing spacer and extract both the inner and outer grease seals.

Drift the inner races of both the inner and outer bearings from the hub bore, and use Service tool 18G 260 together with adaptor 18G 260 H to withdraw the outer races.