

Track Control Arm Ball Joint Fitting Instructions

TRACK CONTROL ARMS (refer to page 124 of the Manual)

The track control arms connect the lower ends of each suspension unit to the front suspension cross member.

From approx. engine No. 100E-320894, the earlier tubular type track control arms were superseded by arms of forged section, Part Nos. 100E-3078C (right hand) and 100E-3079B (left hand).

These assemblies are interchangeable with the previous design, the right and left hand designation being due to the location of the lubricator, which is in the most accessible position, namely, on the ball joint housing pointing towards the front of the vehicle.

The ball joint components on this later assembly can be serviced separately, the procedure for dismantling and assembling is as follows:

- 1 Remove the front track control arm from the vehicle (see page 124 of the Manual), suitably support in a vice and prise out the blanking plug.
- 2 Fit tool No. A/EH.3028 (see Fig. 299) and turn the centre screw until the spring retaining plate is depressed against the action of the spring.

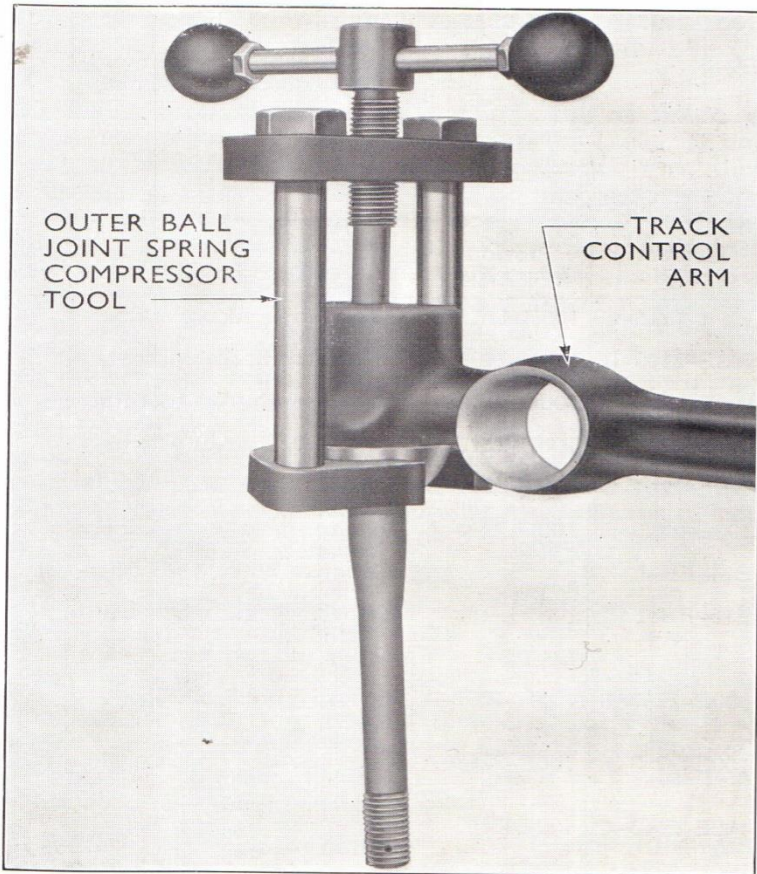


Fig. 299

Dismantling the Track Control Arm Assembly

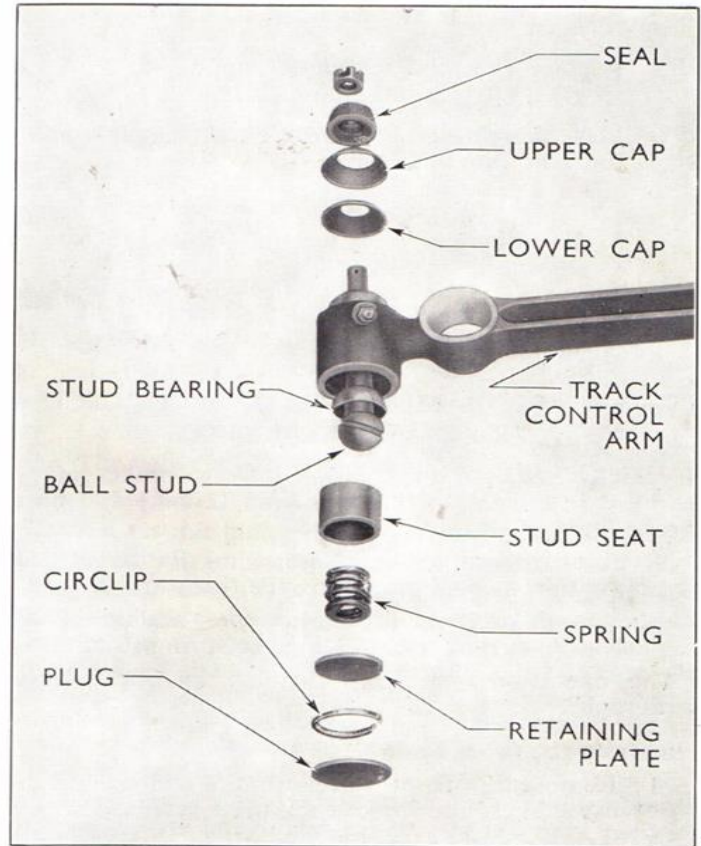


Fig. 300

Track Control Arm Assembly

- 3 Prise out the circlip and remove the tool, spring retaining plate, spring, stud seat, stud and stud upper bearing (see Fig. 300).
- 4 Examine all parts for wear and renew where necessary.
- 5 Replace the stud upper bearing, stud, stud seat, spring and spring retaining plate.
- 6 Place a circlip on the spring retaining plate and fit the Tool No. A/EH3028.
- 7 Turn the centre screw until the spring retaining plate is fully depressed and fit the circlip. Check that there is 0.003–0.010 in. (0.076–0.254 mm.) clearance between the retaining plate and the circlip.
If the clearance is incorrect, select another retaining plate; a table of thicknesses is appended.
- 8 Fit a new blanking plug, Part No. 204E-3296-B, in the ball joint housing.
- 9 Refit the track control arm to the vehicle, check the wheel alignment and adjust if necessary.