

Checking of Play in the Steering Assembly Units

Job No.

46 — 3

1. Check the play at the steering wheel.
A maximum play of 25 mm is permissible at the circumference of the steering wheel (Fig. 46 — 3/1).

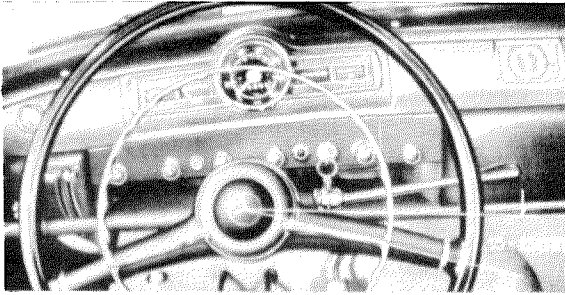


Fig. 46 — 3/1

2. If the play at the steering wheel exceeds this amount, check the play in the component parts of the whole steering assembly. Check:
 - a) The wheel bearings; if necessary, adjust or replace the taper-roller bearings of the front axle (see Job No. 33 — 4).

- b) The king pins and bearing bushings by pushing the front wheels hard from side to side about the longitudinal axis. If necessary, replace the king pins or the bearing bushings (see Job No. 33 — 4).
 - c) The ball-heads by moving the tie-rod assembly vigorously. If necessary, replace the center tie-rod or the ball-heads of the tie-rods (see Job No. 33 — 6 and Job No. 46 — 9).
 - d) The steering relay arm by moving it vigorously to and fro. If necessary, replace the steering relay arm or the bearing bushing in the pivot bearing (see Job No. 46 — 11).
 - e) The steering by holding steady the steering gear arm whilst turning the steering wheel. If necessary, remove the steering and readjust the steering play (see Job No. 46 — 4, paragraphs 28, 29 and 35 to 38).

The steering play must not be readjusted with the steering installed in the vehicle.