

For this reason, the thrust ring has been replaced by a new thrust ring (11) with cutting edge (see Fig. 91 — 3/1). This thrust ring (11) should be installed in such a way that the cutting edge under the leatherette cover (10) points toward the outside. When the pivot pin (9) is tightened, the thrust ring cuts through the leatherette cover. The pivot pin (9) can then be tightened to make metallic contact with the cutting edge of the thrust ring (11).

If it is found that a pivot pin is loose, it is advisable to install a new thrust ring subsequently; the same applies when reclining seat fittings are installed subsequently.

## **A. Removal and Installation of Seat-Back Fittings**

### **Removal:**

1. Remove the front seat from the car (see Job No. 91 — 1).
2. Unscrew the two oval-head countersunk screws (8) at the seat-back rails (5) and remove the seat-back (see Fig. 91 — 3/1).
3. Remove the oval-head countersunk screws (1) at the chromium-plated escutcheons (3) and remove the escutcheons (3) (see Fig. 91 — 3/1).
4. Unscrew the pivot pins (9).

**Note:** Fig. 93 — 3/1 shows the pivot pin for the reclining-seat fittings. The pivot pin for the standard seat-back fittings (Part No. 10 120 919 00 15) has a shorter hexagon head.

5. Remove the thrust ring (11) between the seat cushion frame (12) and the leatherette cover (10).

### **Installation:**

6. Install the thrust ring (11) with cutting edge (see Fig. 93 — 3/1). The cutting edge of the thrust ring (11) must point toward the **outside**, i. e. it must be under the leatherette cover (10).

**Note:** Thrust rings with two plane faces should be replaced by thrust rings with cutting edge.

7. Screw in the pivot pin (9). When this is done, the cutting edge of the thrust ring (11) cuts through the leatherette cover (10).
8. Tighten the pivot pin (9) to a maximum of 4 mkg, slide on the escutcheon (3), and screw in the oval-head countersunk screw (1).

**Note:** If the bore in the escutcheon (3) for the oval-head countersunk screw (1) is not aligned with the threaded bore of the bushing (14), the pivot pin must be either backed out or slightly tightened.

9. Install the other parts by reversing the removal procedure.

## **B. Subsequent Installation of Reclining-Seat Fittings for the Left or Right Front Seat**

### **(Optional Extra, SA 1436-120)**

(System Keiper and Reutter)

### **Removal:**

1. Remove the front seat from the car (see Job No. 91 — 1).
2. Unscrew the two oval-head countersunk screws (8) at the seat-back rails (5) and take off the seat back (see Fig. 91 — 3/1).

3. Unscrew the oval-head countersunk screws (1) at the chromium-plated escutcheons (3) and take off the escutcheons (3) (see Fig. 91 — 3/1).

5. Remove the thrust rings (11) between the seat cushion frame and the leatherette cover (10).
6. Pull out the seat-back panel and open the cover at the side of the seat back.

#### Installation:

7. Saw off the seat-back rail (16) flush with the lower edge of the seat back in accordance with the specified dimensions, 120 mm from the lower fixing screw (see Fig. 91 — 3/1). Insert the three rivet nuts (15) in the available holes in the seat back rail (16) and rivet them in.
8. Fasten the side part of the seat-back cover and install the seat-back panel.
9. Screw the reclining seat fittings (18) with cardboard insert (19) to the seat back by means of the oval-head countersunk screws (20) AM 6 × 18 (see Fig. 91 — 3/1).
10. Install the thrust ring (11) (see Fig. 93—3/1). The cutting edge of the thrust ring (11) must point toward the **outside**, i. e. it must be under the leatherette cover (10).

**Note:** Thrust rings with two plane faces should be replaced by thrust rings with cutting edge.

11. Screw in the pivot pins (9). When this is

done, the cutting edge of the thrust ring (11) cuts through the leatherette cover (10).

**Note:** The standard pivot pin (Part No. 10120 919 00 15) must be replaced by the longer pivot pin for reclining-seat fittings (Part No. 10 120 919 01 15).

12. Tighten the pivot pin (9) to a maximum of 4 mkg, slide on the escutcheon (3), and screw in the oval-head countersunk screw (1).

**Note:** If the bore in the escutcheon (3) for the oval-head countersunk screw (1) is not aligned with the threaded bore of the bushing (14), the pivot pin must be either backed out or slightly tightened.

When reclining-seat fittings are installed, always use a thrust ring with cutting edge and make sure that the pivot pin is firmly seated, since the pivot pin may be subject to higher stresses when the seat-back is adjusted. Loose pivot pins therefore are subject to greater bending stress after the installation of reclining-seat fittings and may break at the threads.

13. Replace the support angle (21) with rubber buffer at the seat cushion frame by a new support angle.
14. Screw the seat back to the seat and reinstall the seat in the car (see Job No. 91—1).

#### List of Available Parts:

The whole kit can be ordered from our works under the following Order Nos.:

Reclining-seat fitting with hand wheel adjustment, system Keiper

for left seat: 10 120 910 91 80

for right seat: 10 120 910 92 80

Reclining-seat fitting with lever adjustment, system Reutter

for left seat: 10 120 910 93 80

for right seat: 10 120 910 94 80