

# Seat-Back Fittings and Reclining-Seat Fittings

Job No.

91 — 3

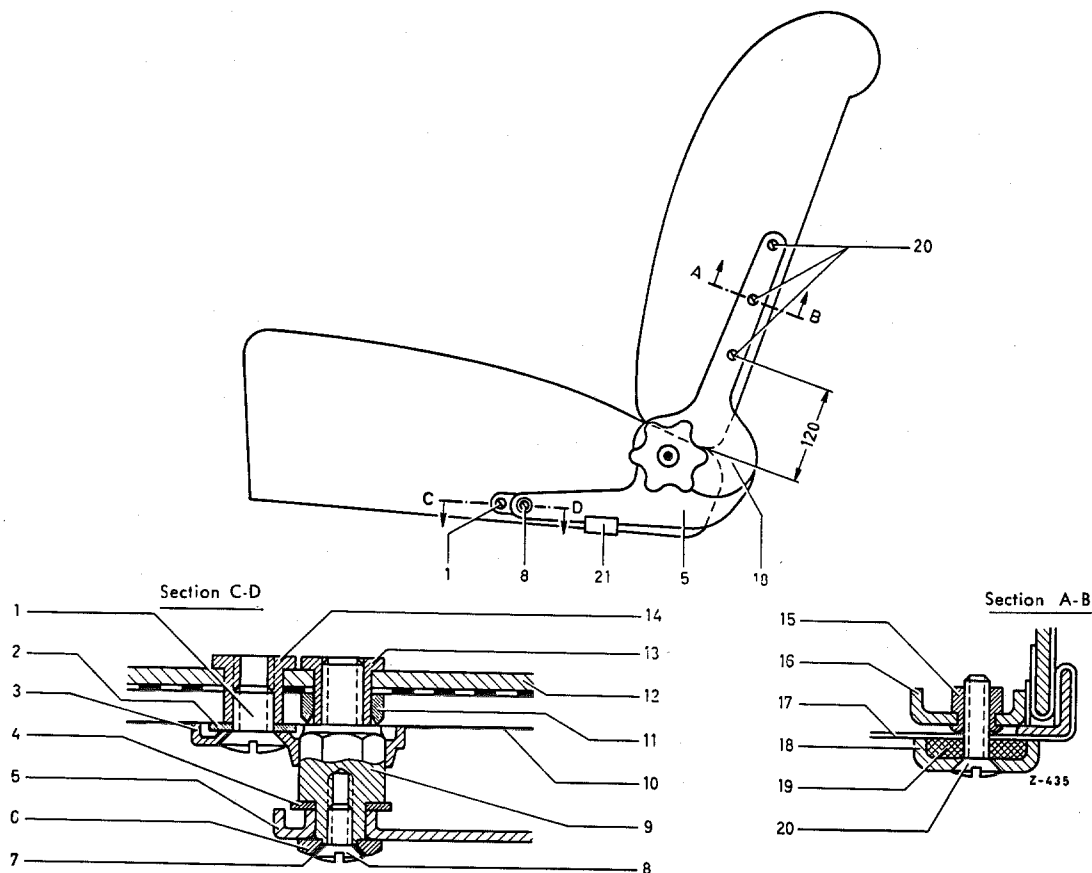


Fig. 91 — 3/1

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|---|--|
| 1 Oval-head countersunk screw AM 10 × 20                            | 11 Thrust Ring with cutting edge Part No. 10 180 919 00 22 |
| 2 Lock washer B 10 DIN 137  | 12 Seat cushion frame                                      |
| 3 Escutcheon (12 parts) Part No. 10 120 919 01 23                   | 13 Threaded bushing  |
| 4 Lock washer B 12 DIN 137  | 14 Threaded bushing  |
| 5 Lower seat-back rail  | 15 Rivet nut N 3006/2                                      |
| 6 Washer  | 16 Upper seat-back rail                                    |
| 7 Toothed washer V 6.4 DIN 6797                                     | 17 Cover for seat-back                                     |
| 8 Oval-head countersunk screw AM 6 × 12                             | 18 Reclining seat fittings                                 |
| 9 Pivot pin for reclining-seat fitting Part No. 10 120 919 01 15    | 19 Cardboard insert  |
| Pivot pin for standard seat-back fittings Part No. 10 120 919 00 15 | 20 Oval-head countersunk screw AM 6 × 18                   |
| 10 Leatherette cover  | 21 Support angle with rubber buffer                        |

The seat-back fittings of the individual seats with or without reclining-seat fittings are fixed to the front end of the back rail (5) in the pivot pin (9) (see Fig. 91 — 3/1). The pivot pin (9) is secured in its position by an escutcheon (3). On older-type seats a thrust ring with two plane faces is installed between the pivot pin and the seat frame. The leatherette cover at the side of the seat is held between the thrust ring and the pivot pin. When the pivot pin is tightened, the leatherette can turn with the pin and form spiral folds. It is for this reason that sometimes the pivot pin is not fully tightened through no fault of the mechanic, so that as a consequence it is subject to bending instead of to shearing stress.

For this reason, the thrust ring has been replaced by a new thrust ring (11) with cutting edge (see Fig. 91 — 3/1).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).