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WHEELS Assy group 140

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1 Change, balance wheels

Tools:

Tyre fitting device

standard

Tyre balancing device

standard

- 1 Removal and fitting tyres is carried out on a standard tyre fitting device. Observe instructions of respective manufacturers.
- 2 When balancing tyres on a standard balancing machine the following instructions must be observed in addition to the ones of the unit maker:

Total of balancing weights at inner side max.

200 gr.

Total of balancing weights at outer side max.

200 gr.

Total of balancing weights at both rim sides max.

310 gr.

Two kinds of balancing weights are available: balancing weights with clamping spring being fastened to the rim flange (1/1) and adhesive weights being stuck to the outer side (1/2) of tyre bead contact area.

Working instructions for adhesive weights:

- Clean fastening area for adhesive weight before sticking on.
- Cleaning agent must be fat-dissolving and must not be aggressive to varnish (petroleum benzine e.g.).
- Fastening area must be dry and dust-free during sticking on.

2 Change, remove and fit spare wheel holding device Change top and bottom bracket of spare wheel holding device

Removing:

- 1 Unscrew belt band (1/1).
- 2 Remove spare wheel.
- 3 Unscrew door arrester lever (2/1) from spare wheel holding device.
- 4 Loosen tail-gate fastening nuts (2/2) and remove with washers.

NOTE: In case of vehicles with tarp folding top also loosen retaining screw to support of unscrewable upper door part at extended spare wheel holding device.

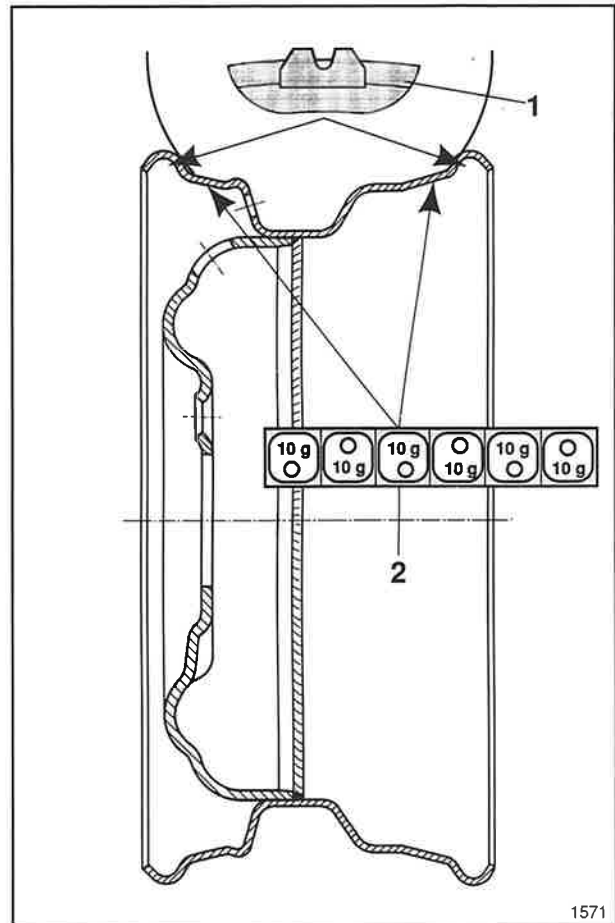


Fig. 1

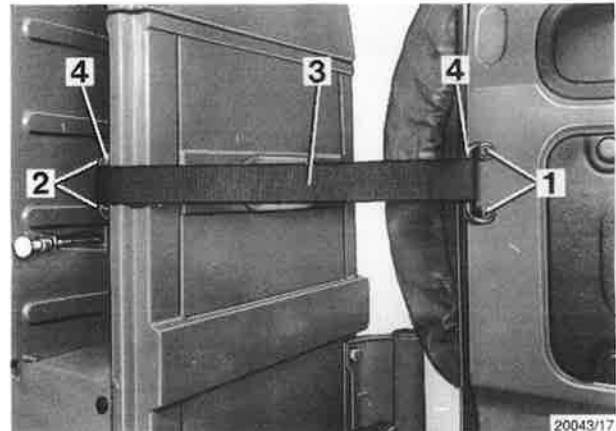


Fig. 1

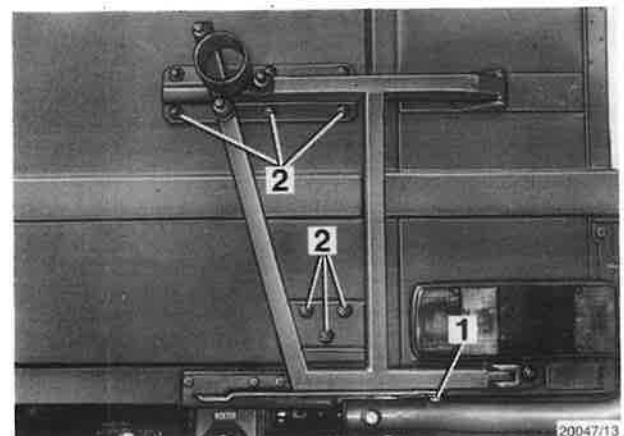


Fig. 2

- 5 Swivel spare wheel holding device (3/1) outwards and remove tail-gate.

NOTE: While doing this do not lose spacers (3/2).

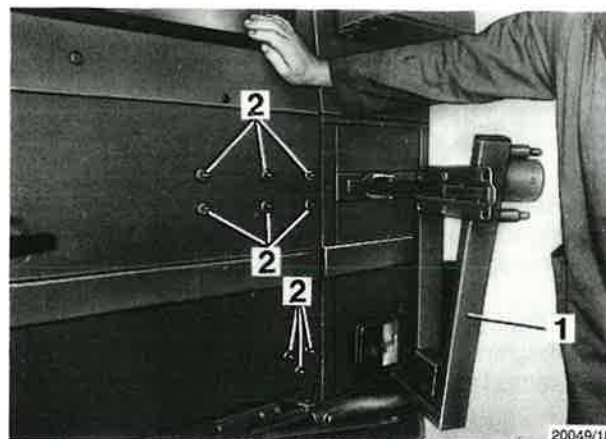


Fig. 3

- 6 Unscrew bottom (4/1) bracket. Loosen top bracket retaining screws (4/2) at rear side-board inner side. Remove plastic stopper (4/3).

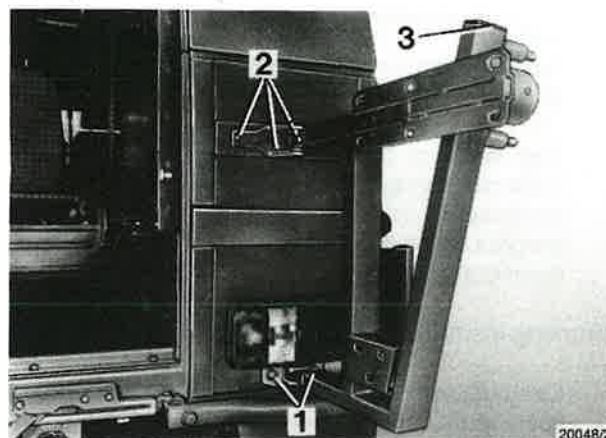


Fig. 4

- 7 Drive out hinge pin of brackets from bottom to top (5).

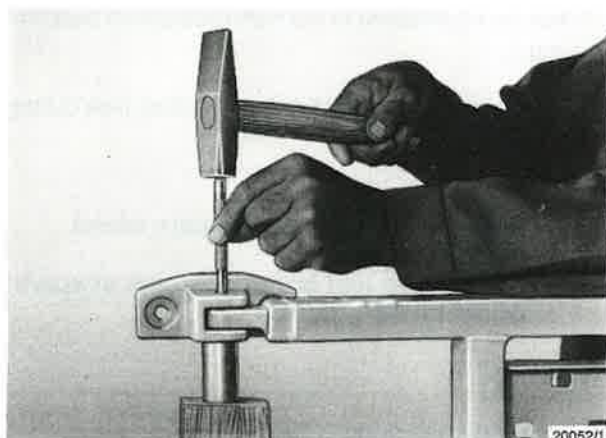


Fig. 5

Fitting:

- 8 Insert two bushes into top and one bush into bottom swivel arm with standard grease observing that bottom bush (6) collar is situated at the side from which hinge pin has to be driven in.

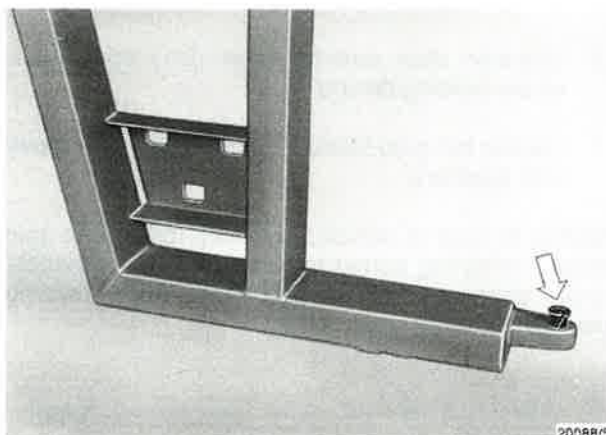


Fig. 6

9 Insert swivel arm in correct position into brackets. Arrange bracket bores in true alignment to each other and drive in hinge pin (7). Serration must always point upwards.

10 Apply silicon sealing (Silikon-Dow Corning 732 colourless) to contact surface of top bracket and screw on spare wheel holding device to vehicle (4/1 and 4/2), press in plastic stopper (4/3).

11 Insert tail-gate into latch.

12 Care for equal height of spacers (3/2) and swivel spare wheel holding device until stop at tail-gate or at spacers. If spare wheel holding device is parallel to tail-gate, there must be no play between holding device and spacers at tail-gate. Counterbalance any existing play by adding other spacers.

13 Tighten tail-gate fastening nuts moderately and adjust tail-gate to reach an even door gap (8). Care for close fit of door joint rubber.

NOTE: When adjusting gate use suitable general-purpose spoons with suitable supports, felt e.g. in order to avoid damage.

14 Tighten tail-gate and, in case of vehicles with tarp folding top, also support of unscrewable upper door part.

15 Screw on door arrester lever (9/5) with sleeve (9/2) and disks (9/1 and 9/3) to spare wheel holding device (9/4).

NOTE: Take care that disks (9/1) are freely movable and spring-loaded resp.

16 Screw on belt band (1/1).

17 Attach spare wheel and put on protective covering.

18 Grease brackets with grease gun (standard grease). Also lubricate latch and guide pin. Smear door joint rubber slightly with vaseline.

19 Check perfect closing of gate featuring close fit of door joint rubber. In case that adjusting is necessary, loosen rubber buffer (10/1) and latch (10/2). Moderately tighten latch including distance plates (10/3) in moved out position. Close gate and press on slightly so that door leaf and body form a plane surface. Moreover, it might be necessary to add additional distance plates (10/3) or to take them away. After having fixed exact position of latch loosen retaining screws one by one, clean thread, apply Loctite 222e, screw in and tighten again. Thereafter position rubber buffers so that closed gate is fitting close. If necessary place washers under rubber buffer bracket.

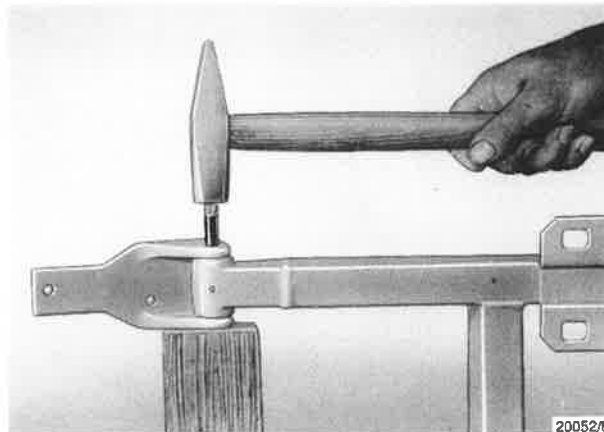


Fig. 7



Fig. 8

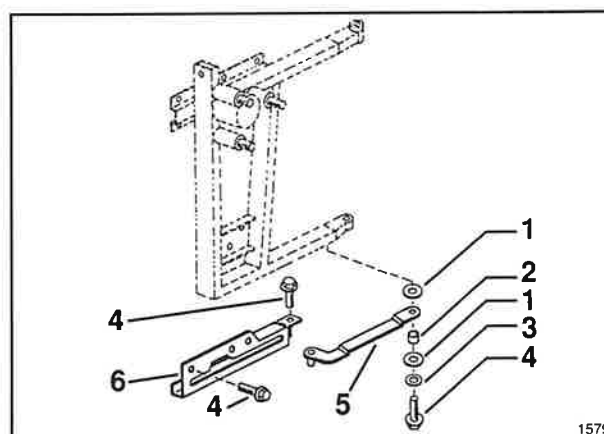


Fig. 9

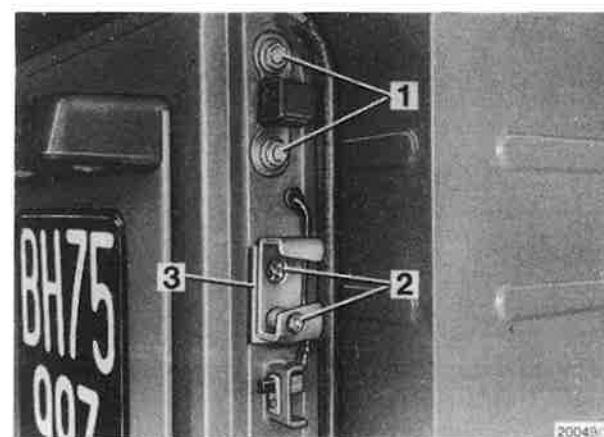


Fig. 10

