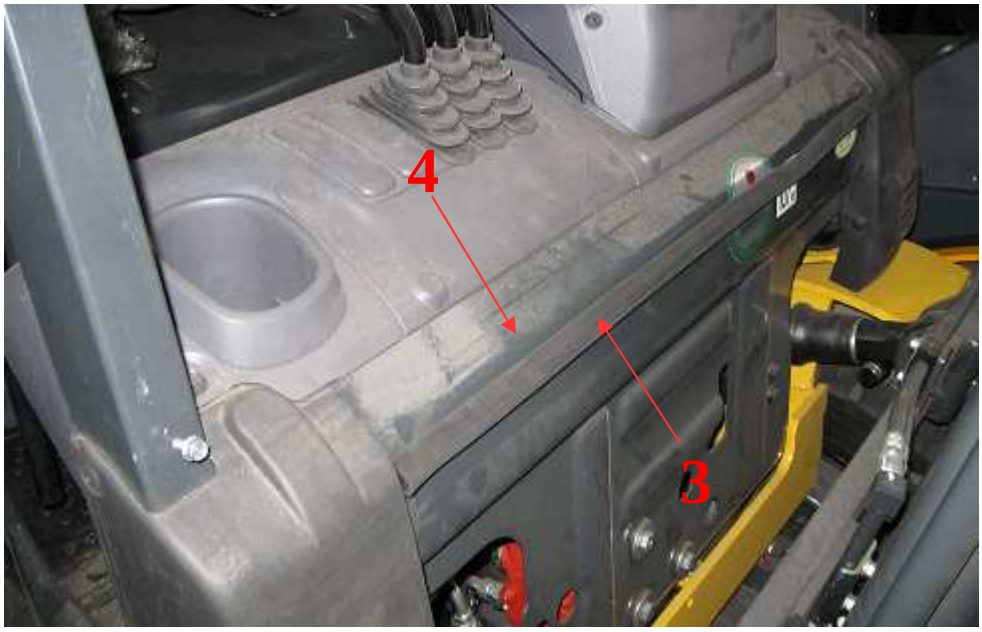
Assembly instruction of cab for Komatsu AX-BX Serie 17

I. FRONT PANEL

1. Assembly front upper beam to front upper part of OHG using M6x15 screws in original holes (1). This beam should be screwed in such way so sides of this beam are adhered to inner side parts of front upper part of OHG (2).

2. Stick self-adhesive seal (3) under line where front metal sheet is bent (4).



3. Put (locate) front lower beam (5) to front lower part of OHG in such way so this beam is adhered to this seal (3) and to front parts of forklift frame evenly. Then assembly this beam to OHG using self-drilling screws Ø4,8x19.

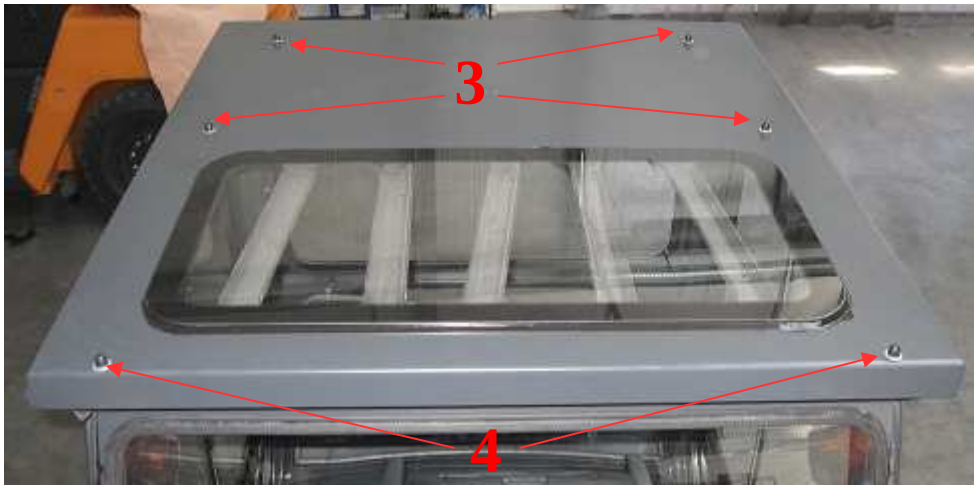
4. Put (locate) front glass/pane with assembly holders to front profiles of OHG in such way so this glass is adhered to front upper and lower beam evenly. Then mark assembly holes looking at (taking) assembly holders (6) at OHG.

5. Drill holes Ø11 in marked places then set blind rivet nuts M8 there. Assembly holders to OHG using M8x20 screws.

II.ROOF

1. Stick self-adhesive seal (1) to roof sides. Put seal (2) onto rear part of roof.

2. Put roof to upper part of OHG so this roof is on this frame evenly. Assembly rear part and middle part of this roof using self-drilling Ø6,3x32 screws. Assembly front part of roof (4) with front upper beam (of front panel) using self-drilling Ø4,8x19 screws.



III. REAR PANEL

1. Put (locate) rear frame to rear part of OHG in such way so edge of bent part of frame was in one surface (position) with inner surface of rear profile of OHG (1) and seal that is in upper part of frame (2) is adhered to rear upper part of OHG evenly. Mark assembly holes of rear frame on OHG. Drill holes ∅9 in marked places and set blind rivet nuts M6 there. Assembly rear frame to OHG using M6x20 screws.

IV. DOORS vers. 1 (marking assembly holes without tool)

1. Put (locate) door with hinges so the distance between inner part of cavity of OHG and edge of the door (seal) is the same in all places.

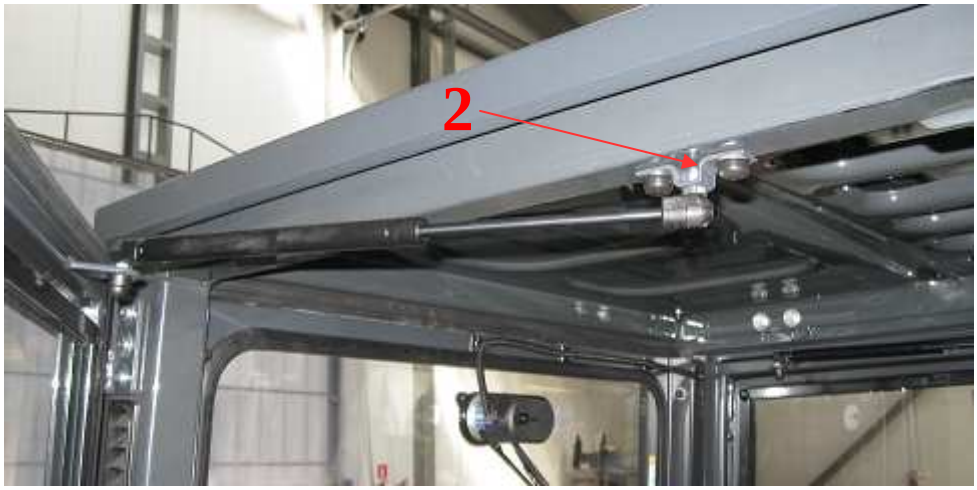
2. Mark places for holes for hinges on OHG. Drill holes Ø11 and set blind rivet nuts M8 in there. Then assembly hinges (1) to forklift frame using M8x30.

3. Assembly gas spring to ball pin by OHG. Put holder (2) onto the other end.

4. On forklift frame mark so called „dead" position of gas spring so this gas spring can not change its position when doors are in move. When this position is marked 7 cm will back part of forklift should be taken.

5. Mark places for assembly holes on OHG using holder of gas spring. Drill holes Ø11 in marked places and set blind rivet nuts M8 there.

6. Assembly this holder to OHG using M8x20 screws.



7. When door is closed mark places for assembly holes of lock latch holder (3) on OHG. Drill holes Ø11 in marked places and set blind rivet nuts M8 there. Assembly lock latch holder using M8x25 screws Mark holes for assembly of slide guide (4). Drill holes ∅9 in these places and then set blind rivet nuts M6 there. Assembly this slide guide to OHG using M6x20 screws with lentil head.

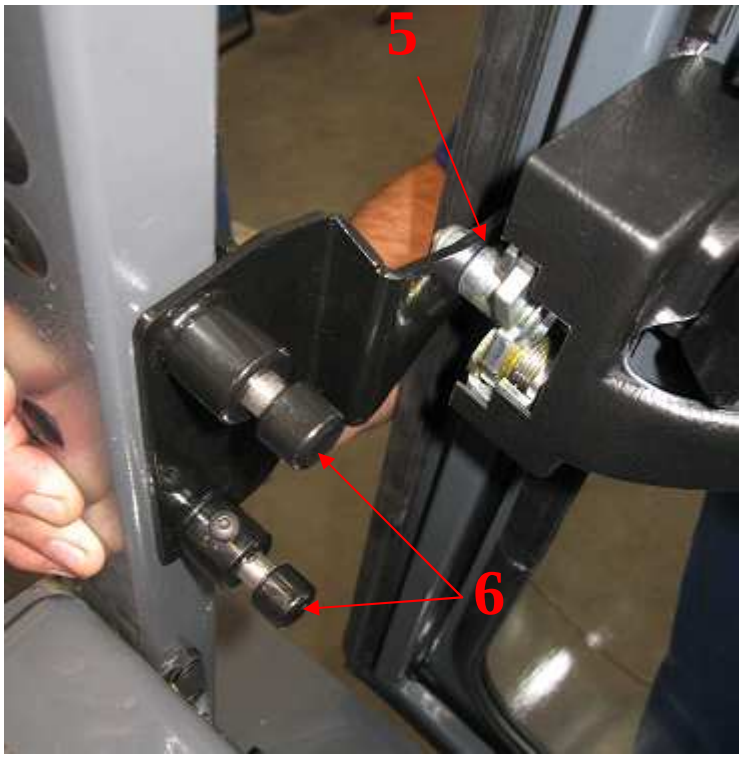
8. If there is any gap between floor of door and floor of forklift when door is closed, floor of door must be regulated by pushing it on bean-shaped holes to get rid of this gap.

VI. DOORS vers. 2 (using assembly tool)

1. Put special tool for marking assembly holes to outer and front side of rear profile of OHG and push this tool to inner rear part of upper profile (1). Mark assembly holes for hinges by hitting in bolts (2). Drill holes ∅11 in marked places and set blind rivet nuts M8 there. Assembly hinges (3) using M8x25 screws.

2. Put special tool for marking assembly holes to inner side of upper profile of OHG and push this tool to upper part of rear profile (3). Mark assembly holes for gas spring by hitting in bolts (4). Drill holes ∅11 in marked places and set blind rivet nuts M8 there. Assembly holder of gas spring using M8x20 screws.

3. Close lock of door on special sleeve/faucet that is on this special tool (5). Push door with this special tool to front profile of forklift frame in such way so this tool is adhered to OHG evenly. Mark assembly holes by hitting in bolts (6). Drill holes ∅11,2 in these places and then set blind rivet nuts M8 there. Assembly latch of lock (7) using M8x20 screws.



4. When door is closed mark holes for assembly of slide guide (8). Drill holes ∅9 in these places and then set blind rivet nuts M6 there. Assembly this slide guide to OHG using M6x20 screws with lentil head.

5. If there is any gap between floor of door and floor of forklift when door is closed, floor of door must be regulated by pushing it on bean-shaped holes to get rid of this gap.

VII. WIPERS

1. Drill hole Ø22 (1) at front upper part of pulpit (cockpit) under holes for front wiper in front glass (pane).

2. Assembly motor (mechanism) of front wiper to front glass/pane, then assembly arm blade of the wiper. Connect electric wire to motor (mechanism) of this wiper.

3. Screw holder of sprinkler tank (2) on right profile of OHG in such position (height) so door lock could not bump into this holder after closing door. Assembly holder using self-drilling screws.

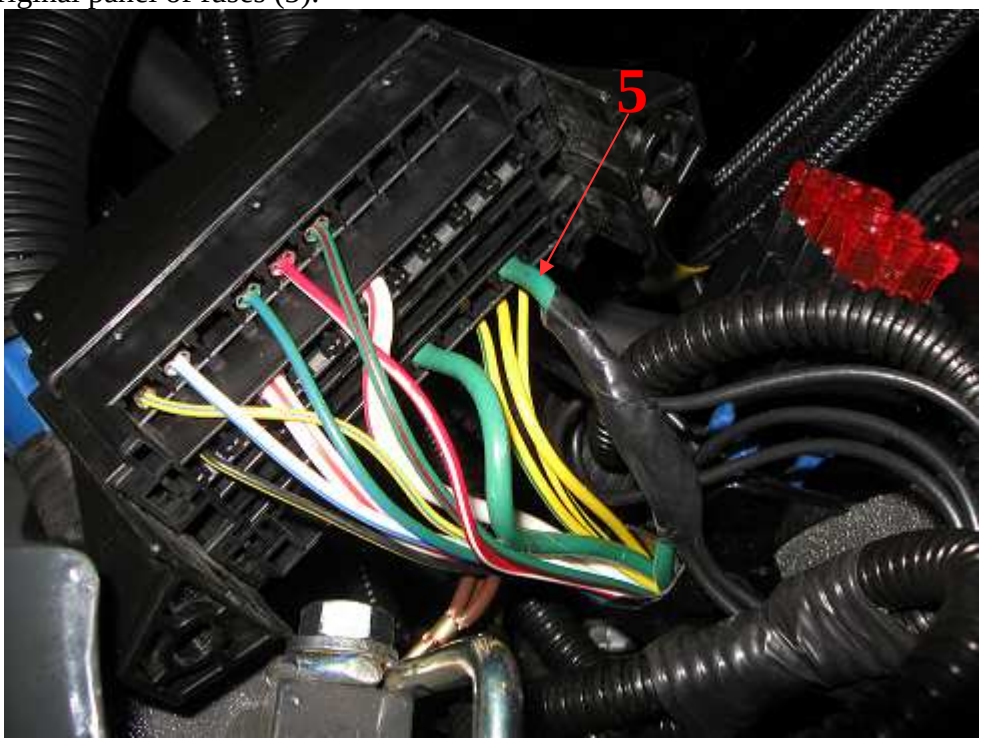
4. Drill the hole Ø 22 (3) at right upper part of pulpit (cockpit). Draw electric wire of motor and sprinkler hose under this cockpit towards front right profile. Connect hose of sprinkler and electric wire with sprinkler tank

5. Drill hole ∅13 (4) at rear left upper part of OHG.

6. Stick cushion (washer) made of ertalon (4) to the rear glass/pane of forklift. Assembly this motor. Then assembly arm and blade of wiper. Connect the electric wire to motor (mechanism) of wiper.

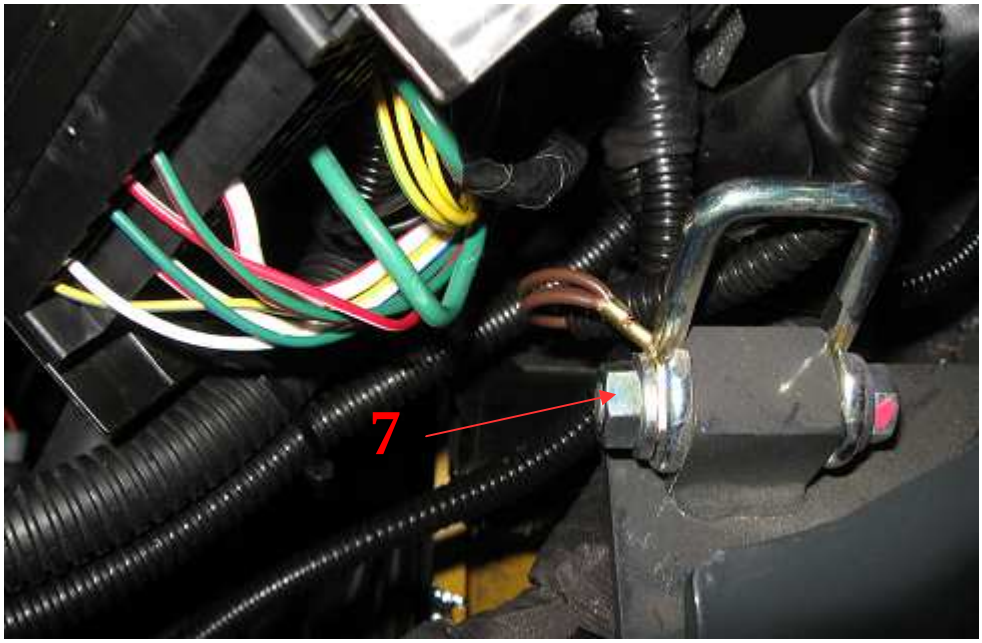
7. Through cut hole (3) draw electric wire of rear wiper motor towards original panel of fuses.

8. Unscrew this original panel of fuses. Solder feeding (power) wire to green wire of original panel of fuses (5).



9. Stick fuse panel back (6).

10. Screw mass wire to original screw (7).



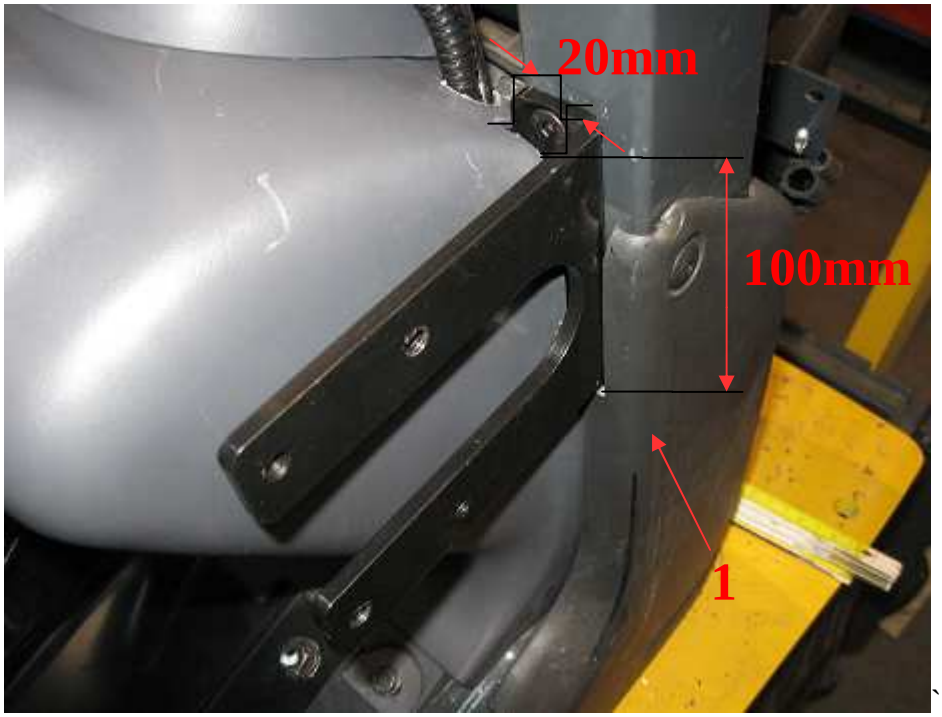
11. Screw cover of lamp (8) to assembly holder (9). Mark assembly holes on OHG in such position (height) so hole for drawing of wire is drilled on the same height as original hole that is on inner part of frame profile.

12. Drill holes Ø20 and then draw wires of lamp.

13. Assembly holder (9) to OHG using self-drilling screws Ø6,3x25.

VIII. HEATER-DIESEL

1. Mark place at right part of pulpit (cockpit) to cut it off-as photo. Unscrew this cockpit, then cut marked part. In this cut place of cockpit put assembly holder of heater to front inner part of profile of forklift. Then mark place where cover of forklift – indicated as point 1 – should be cut according this heater holder. Cut marked place out. Mark assembly holes from heater holder at forklift frame. Drill holes Ø9 in marked places. Then set blind rivet nuts M6 there. Assembly this holder using M6x20 screws to OHG.



2. Screw this cockpit right back. Put this heater to screwed holder and in place where spouts come from heater out mark assembly places on forklift floor (2). Drill 2 holes Ø32 (2) in marked places. Drill 1 hole Ø20 more next to these 2 cut holes to draw electric wires of heater.

3. Assembly this heater to its holder back. Draw hoses in direction of chamber of engine.

4. At back side of engine screw so called blinding spout out and screw reduction (3) instead of this spout. Connect hose that supplies heating staff to heater with this reduction.

5. At back side of engine screw so called blinding spout out and screw reduction (4) instead of spout. Connect hose that curry heating takes out of heater with this reduction.