



Assembly instruction of cab & Heater Hyundai 45 - 7E

I. FRONT PANEL

1. Decouple wires of front lamps before assembly of front upper beam. Put front upper metal beam (1) against OHG in such a way that top part of this beam adheres to front part of roof OHG. Then mark assembly holes on roof OHG looking at (taking care of) assembly front upper beam.



Drill holes Ø7 in marked places. Assembly upper front beam to OHG using M6x25 screws



2. Stick self-adhesive seal (2) on front upper part of OHG.

3. Put front glass/pane with front lower metal beam (3) against front part of OHG in such a way that glass adheres to front part assembled front upper beam (point 1.) and front lower beam. Front lower beam should adhere to front original metal plate of forklift (4). Then assembly this beam to front side profiles of OHG using self-drilling screws Ø6,3x25





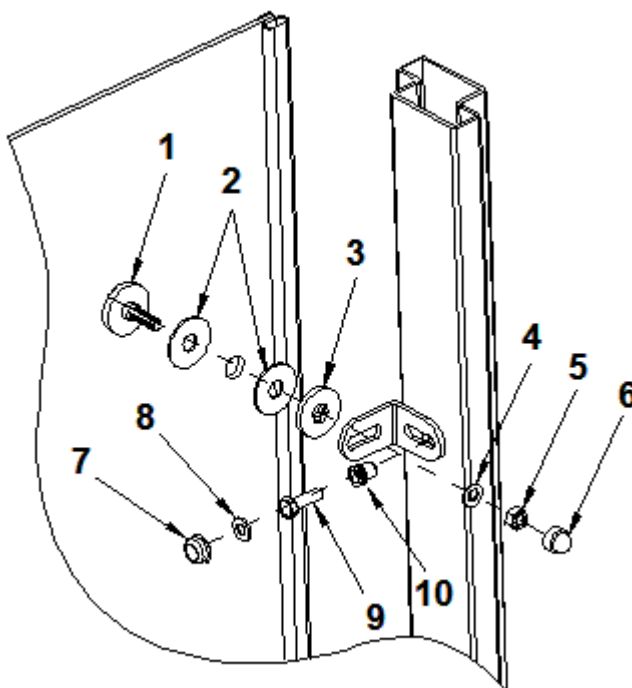
4. Prepare assembly set that is used for front glass (drawing below). Put front glass/pane with assembly holders (3) to front profiles of OHG in such way so this glass is directly and evenly adhered to front upper and lower beam. Then mark assembly holes looking at (taking care of) assembly holders (3) on OHG.

5. Drill holes Ø11 in marked places then put blind river nuts M8 there. Screw holders to OHG using M8x25 screws.



Complete assembly set for front glass:

- 1 – M8x25 screw
- 2 – rubber washer
- 3 – spacer
- 4 – washer Ø8
- 5 – self-locking nut M8
- 6 – hex cap SW13
- 7 – round cap SW13
- 8 – washer Ø8
- 9 – M8x25 screw
- 10 – blind rivet nut M8

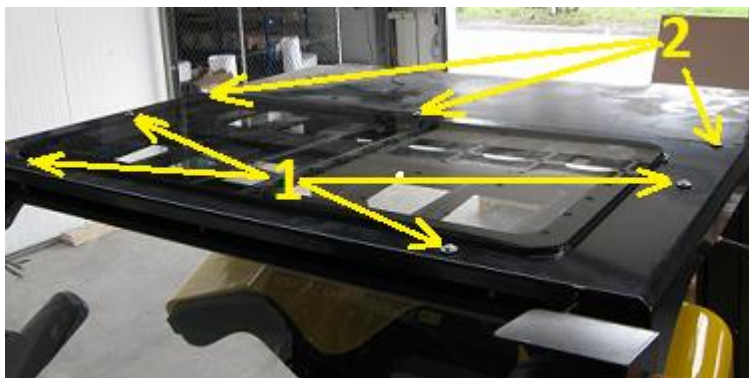




II. ROOF

1. Put roof panel to upper part of OHG so this panel adheres to OHG evenly .

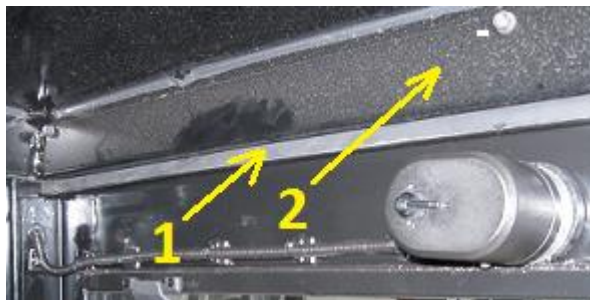
Mark assembly holes looking at (taking care of) front and side part of roof (1). Drill holes Ø4,8 in marked places then thread these drilled holes using screw cutter M6. Assembly front and side part of this roof to OHG using M6x20 screws. Assembly rear part of this roof to OHG using self-drilling Ø6,3x25 screws



III. REAR PANEL

1. Put rear panel to OHG in such a way that seal (1) of upper part of rear frame adheres to metal beam evenly (2).

Assembly side parts of rear frame to inner parts of rear profiles of OHG using self-drilling Ø6,3x25 screws.



2. Assembly rear lower beam to outer lower part of rear frame using M6x20 screws.



IV. DOORS

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

2. Mark places for holes for hinges on OHG.

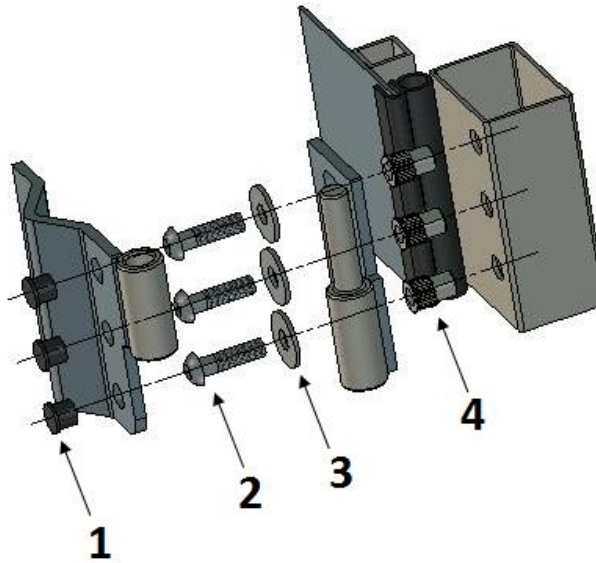
3. Drill holes Ø11 and set blind rivet nuts M8 in these places.

4. Assembly hinges (1) to OHG using M8x30 screws



Complete assembly set for door hinge:

- 1 – mask cap
- 2 – M8x30 socket head cap screw
- 3 – washer extend Ø8
- 4 – blind rivet nut M8

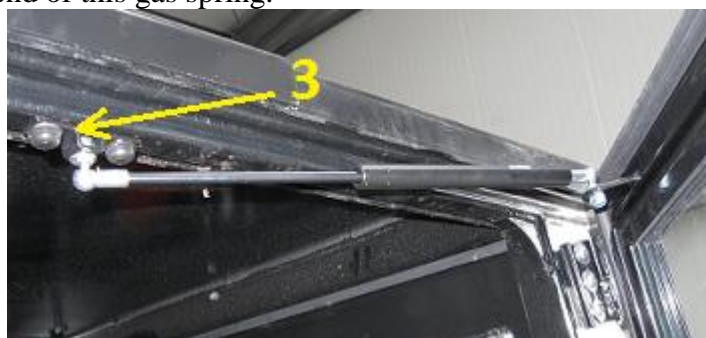




5. Screw holder (2) out and assembly it ca. 100 mm below its original position so holder of front sliding glass of door does not hit this holder when door is shutting.

6. Prepare assembly set that is used for gas spring (drawing below). Assembly gas spring to ball pin by OHG of door. Put holder (2) onto the other end of this gas spring.

7. On OHG 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 then 7 cm in back direction of part of forklift. should be taken

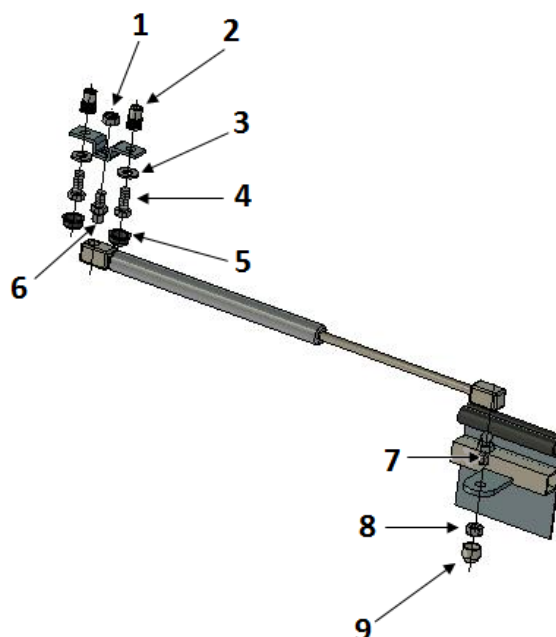


8. Mark assembly holes looking at (taking care of) holder of gas spring on OHG. Drill holes Ø11 and set blind rivet nuts M8 in these places.

9. Assembly this holder to OHG using M8x20 screws.

Complete assembly set for gas spring:

- 1 – self-locking nut M8
- 2 – blind rivet nut M8
- 3 – washer Ø8
- 4 – M8x20 screw
- 5 – round cap SW13
- 6 – ball pin
- 7 – ball pin
- 8 – self-locking nut M8
- 9 – hex cap SW13



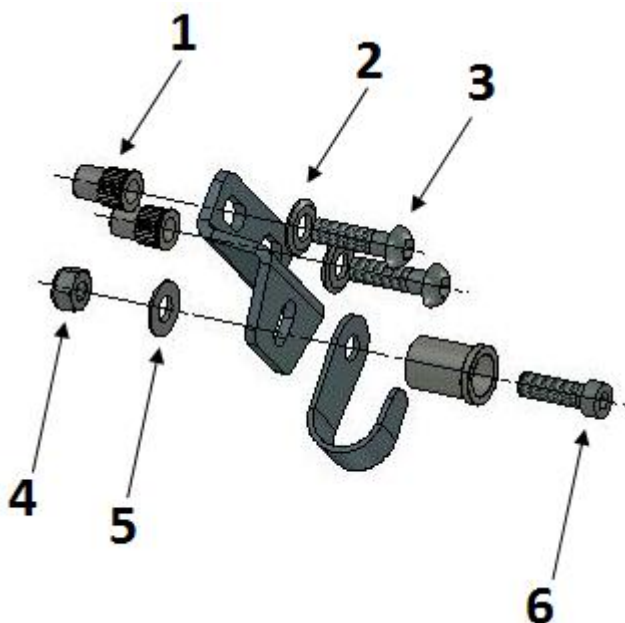


10. When door is closed mark places for assembly hole of lock latch holder (3) on OHG Drill holes Ø11 in marked places and set blind rivet nuts M8. Assembly lock latch holder using M8x25 screws.



Complete assembly set for lock latch holder:

- 1 – blind rivet nut M8
- 2 – washer Ø8
- 3 – M8 socket head cap screw
- 4 – self-locking nut M8
- 5 – washer Ø8
- 6 – M8 socket head cap screw

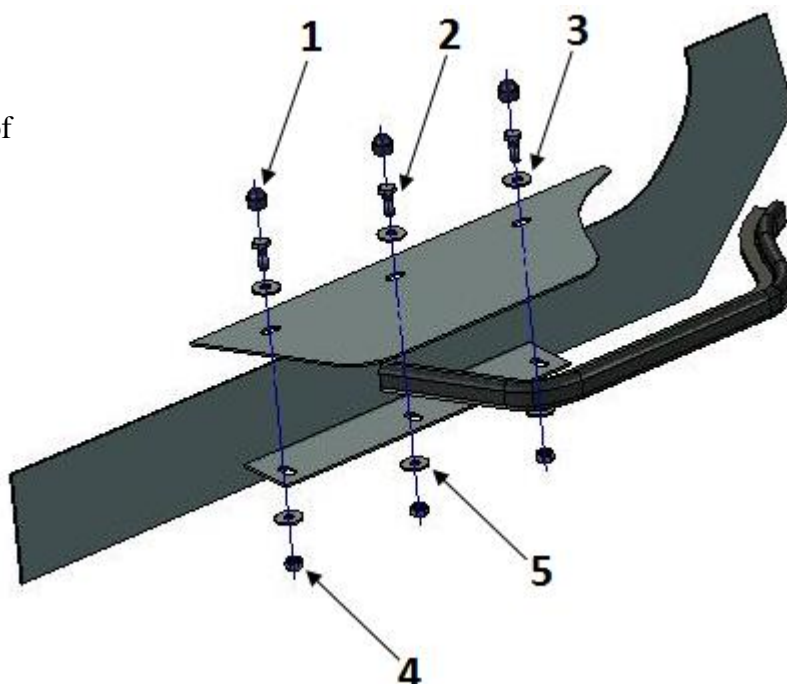




11. If there is any gap between floor of door and floor of forklift when door is closed, floor of door must be regulated by pushing it on bean-shaped holes to get rid of this gap.

Complete assembly set for floor of door:

- 1 – round cap SW10
- 2 – M6x16 screw
- 3 – washer extend Ø6
- 4 – self-locking nut M6
- 5 – washer extend Ø6



V. WIPERS

1. Drill 2 holes Ø11 in front upper part of cockpit (1) under assembly holes of wiper that are in front glass/pane. Draw electric wire of motor through this drilled hose.

2. Connect wire to motor of wiper.

3. Screw this motor to front glass/pane, then assembly arm and blade of wiper onto it.

4. Attach sprinkler hose grommet in front glass hole and draw hose through it.



5. Drill Ø 20 hole in right top part of cockpit (2). Draw sprinkler hose underneath cockpit towards right front profile.

6. Attach sprinkler tank holder (3) to front right profile in such position not to hit door lock while door shutting. Assembly this holder using self-drilling screws.

7. Draw sprinkler hose and electric wire through hole drilled in the front rear part of cockpit

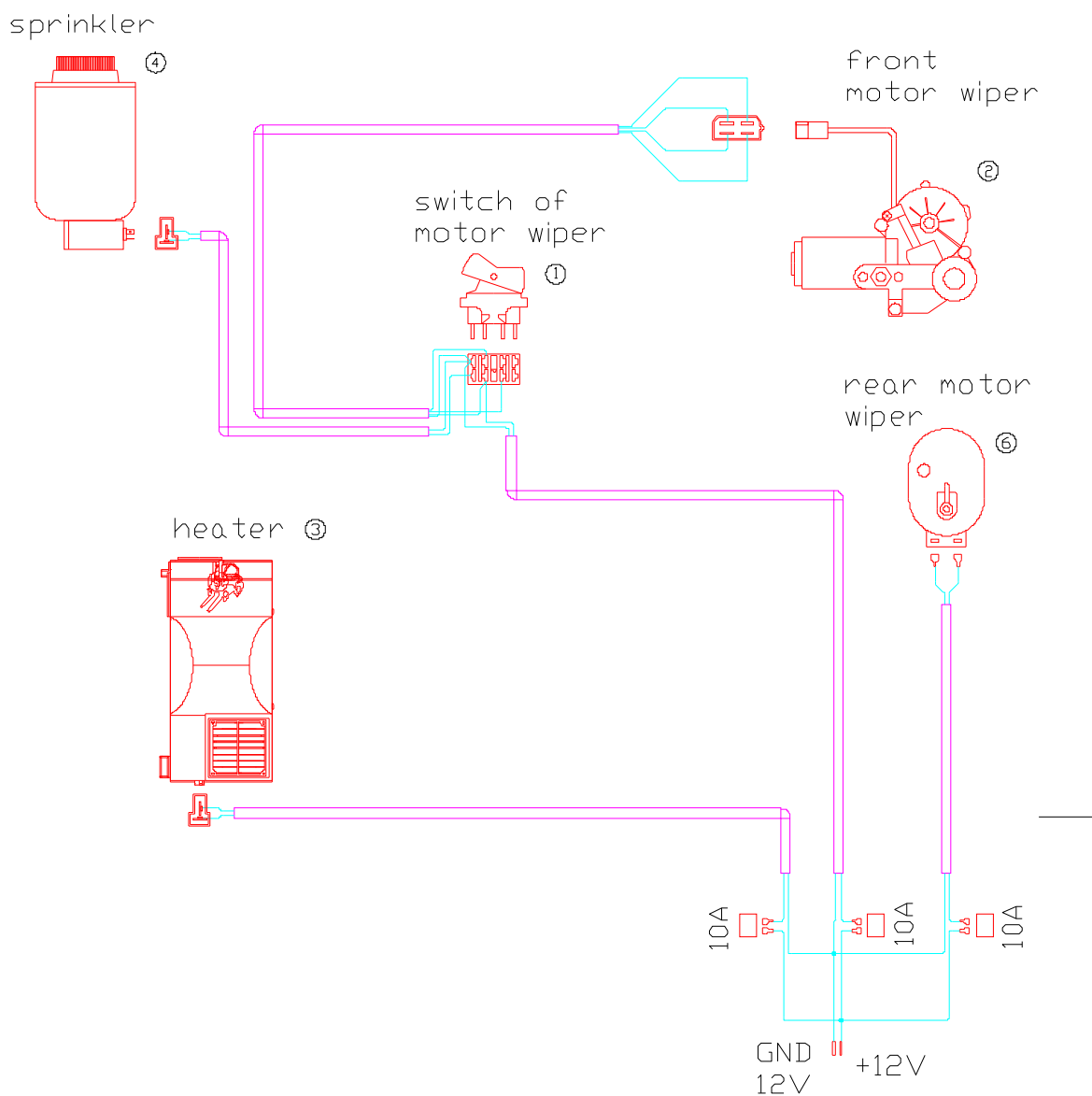
8. Drill hole Ø13 (4) in upper inner part of right rear profile. Draw electric wire of rear wiper through this cut hole towards original fuse panel.

9. Stick ertalon washer (5) to the rear glass/pane of OHG.



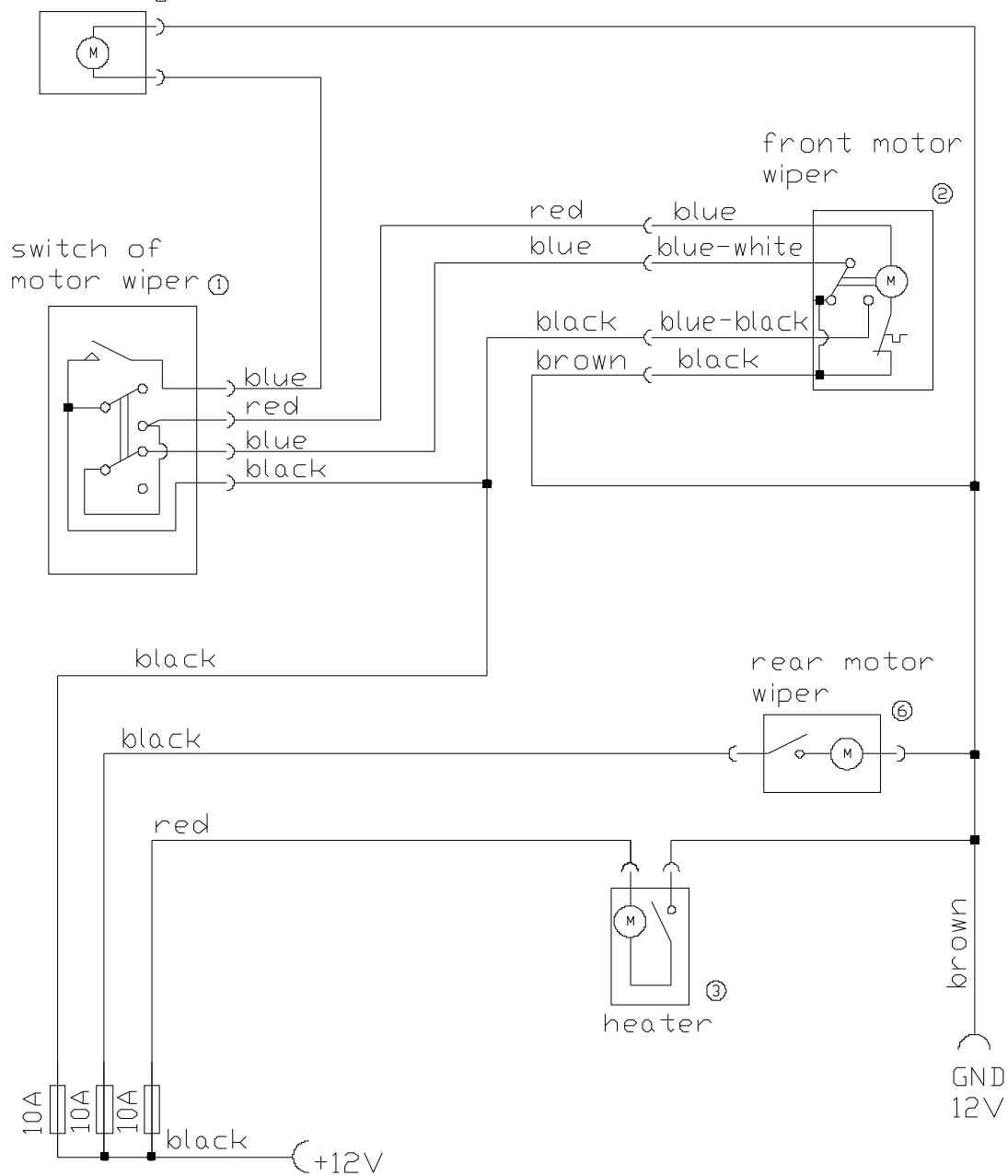
Then screw of motor of rear wiper and assembly arm and blade of rear wiper. Connect wire to motor of wiper.

Electric diagram:





sprinkler ④

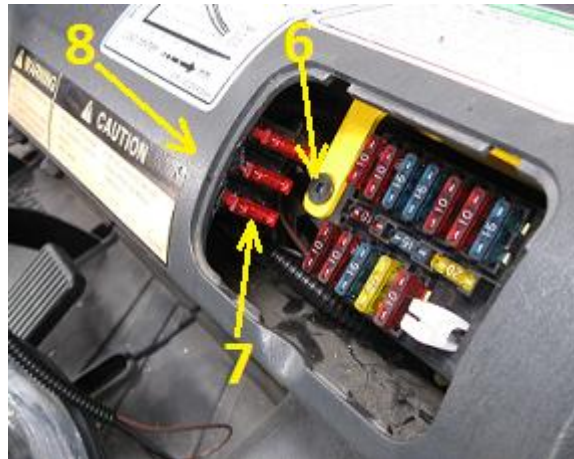




11. Wire of wipers connect with white wire in which voltage after turning ignition key is.

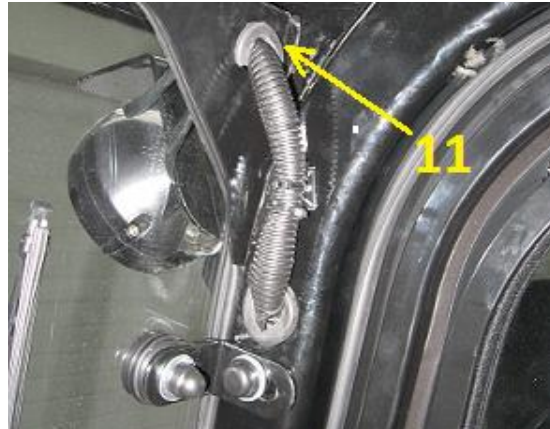
12. Connect mass wire to screw (6).

13. Stick fuse panel (7) to inner part of cockpit (8).



14. Assembly front wiper switch on cockpit to the right side of steering column (10).

15. Draw decoupled wires of front lamps through holes in front upper bar (11) and plug them back in.





Heater

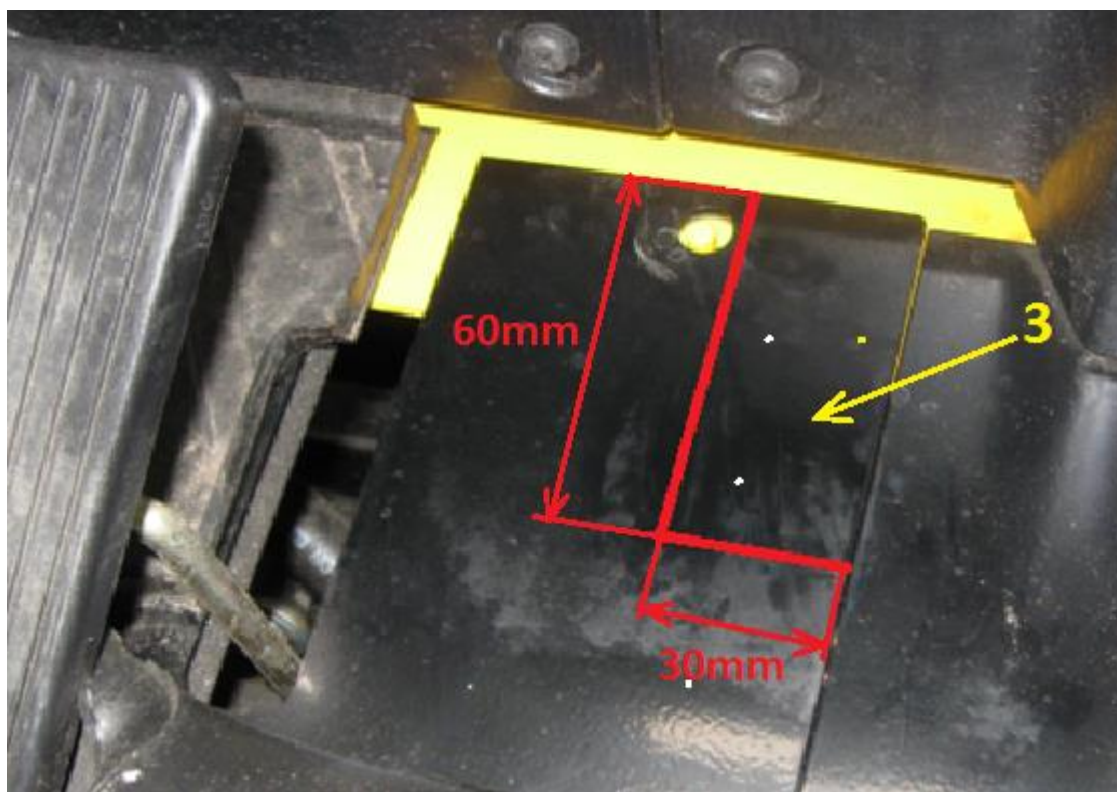
1. Put heater with assembled holder (1) to right side of cockpit in such way so lower glass of door does not touch holder of this heater. Then mark places for assembly holes (2) on OHG.

2. In marked places drill holes $\varnothing 11$ and then put blind rivet nuts M8 there. Assembly heater using M8x20 screws.



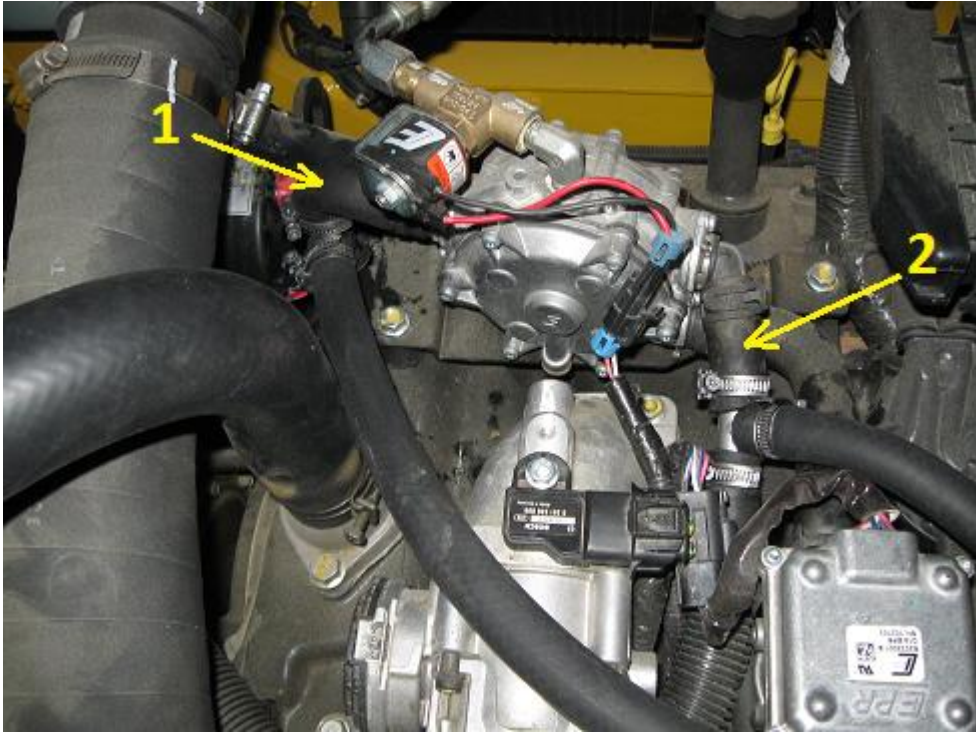


3. Cut hole as drawing below shows (3) on right side of floor, then draw hoses towards engine chamber.



LPG heater

1. Cut hoses (1) and (2) out.



2. Assembly T-pipe with hose that supplies heating staff to heater together with cut hose (1).
3. Assembly T-pipe with hose that takes heating staff out of heater together with cut hose (1).
4. Draw tubes onto spouts of heater and clench using bands.
5. Connect electric wires.



Diesel heater

1st model of engine

1. Screw protective screw from upper part of engine body out.
2. Match reduction in place of screw and then assembly reduction together with hose (1), that supplies heating staff to heater.



3. Screw protective screw from side part of engine body out.
4. Match reduction in place of screw and then assembly reduction together with hose (2), that takes heating staff out of heater.



5. Draw tubes onto spouts of heater and clench using bands.

6. Connect electric wires.



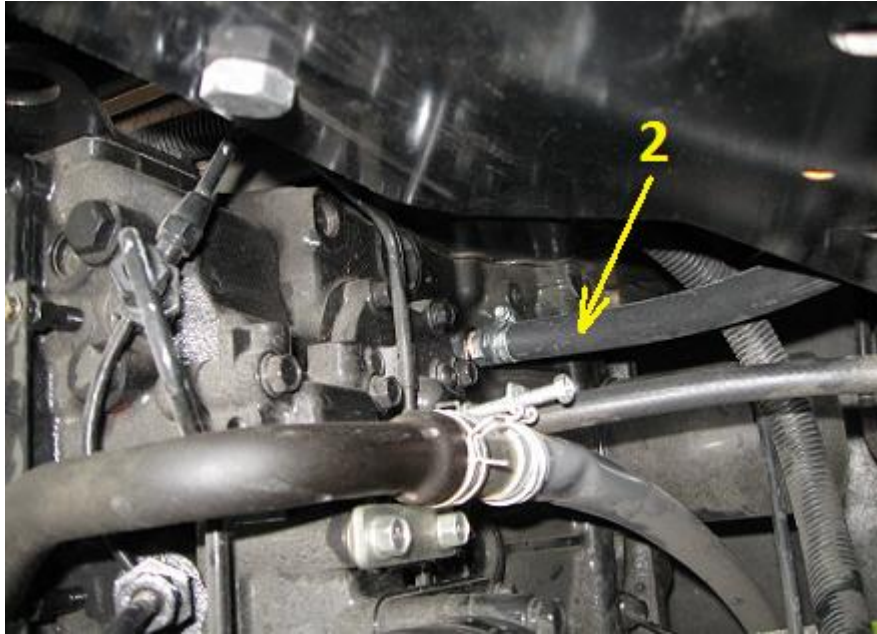
Diesel heater

2nd model of engine

1. Screw protective screw from upper part of engine body out.
2. Match reduction in place of screw and then assembly reduction together with hose (1), that supplies heating staff to heater.



3. Screw protective screw from side part of engine body out.
4. Match reduction in place of screw and then assembly reduction together with hose (2), that takes heating staff out of heater.



5. Draw tubes onto spouts of heater and clench using bands.

6. Connect electric wires.