

ASSEMBLY INSTRUCTIONS

FORKLIFT BRAND

HYUNDAI

FORKLIFT MODEL

35 /40/45 D-9A - 50 DA-9A

DESCRIPTION

***Rigid Cabin
Heater***

Tracking changes and improvements

<i>Index</i>	<i>Date</i>	<i>Description of changes</i>	<i>Realised by :</i>	<i>Modified by :</i>
A	15/07/2014	Creation of the document	PN	
B	06/02/2017	New washer thank holder - new assembly	PN	
C				
D				
E				
F				
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H				
I				

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Assembly Sequence

- A. Assembly of ROOF
- B. Assembly of METAL DOORS
- C. Assembly of METAL DOORS IN 2 SECTIONS
- D. Assembly of FRONT PANEL
- E. Assembly of REAR PANEL
- F. Assembly of ELECTRIC EQUIPMENT
- G. Assembly of HEATER

A. Assembly of ROOF

1. Put and set the roof panel (1) to the OHG on such way that the roof seal adheres evenly the OHG surface.



2. Screw the roof panel (1) to the OHG using holders (2).

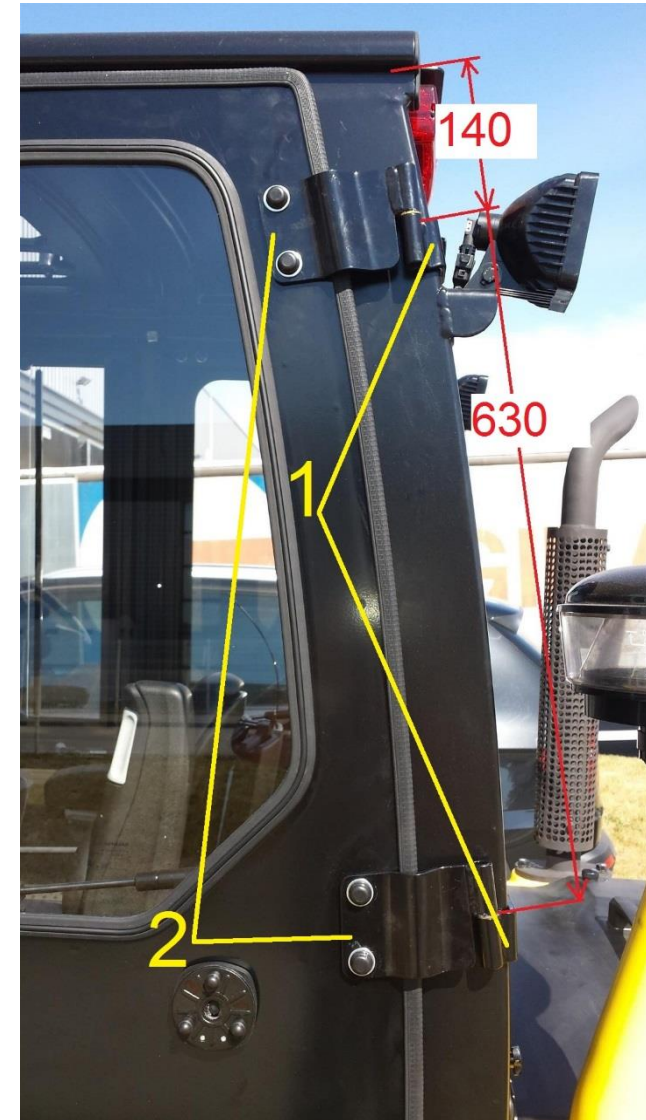
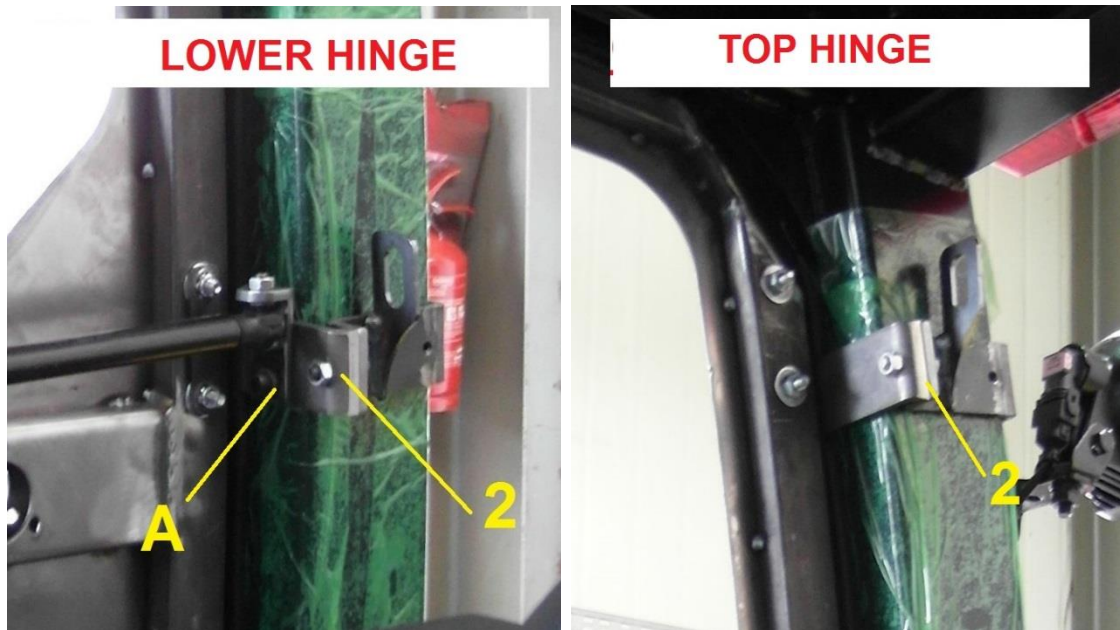
B. Assembly of METAL DOORS

1. Fix hinges male part (1) on the rear profiles of overhead guard in accordance with the dimensions given below against.

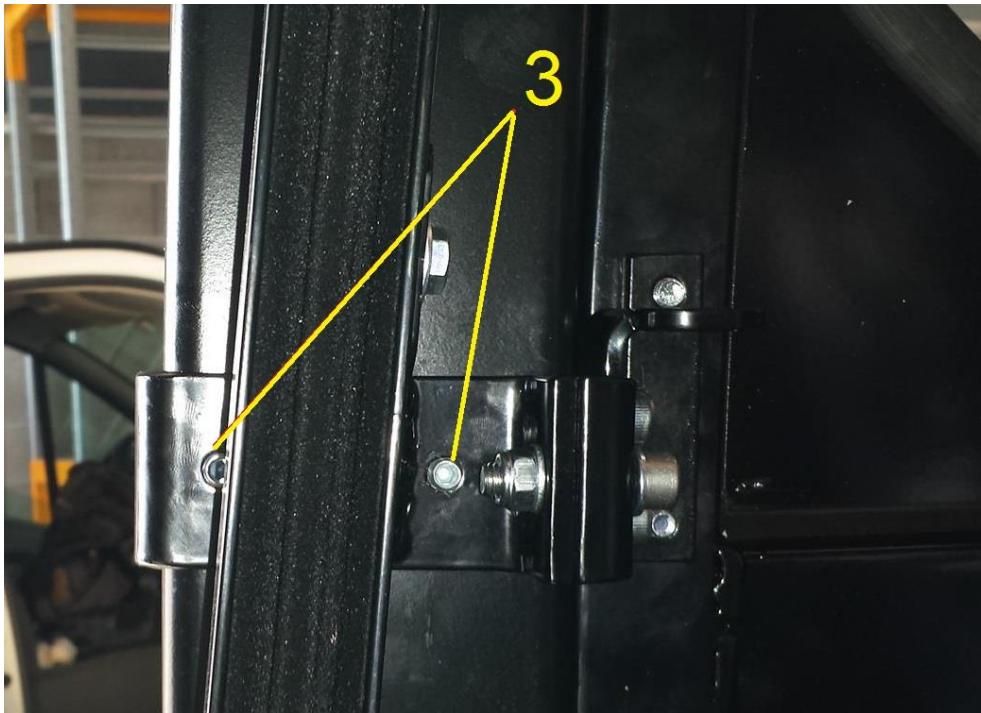
Please note, high and low hinges are different. On the lower hinge you have two holes to the mount of the support of gas spring (A).

2. Fix hinges female parts (2) on the door

Please note, high and low hinges are different



3. Position the door on the hinges (1)
4. Verify that the gap between the door and the overhead guard of the truck is the same



5. Adjust the position of the door by adjusting the slots provided on the hinges (1) and (2).
6. Once the door is in position Lock in position hinges male part (1), tightening the two screws provided (3).

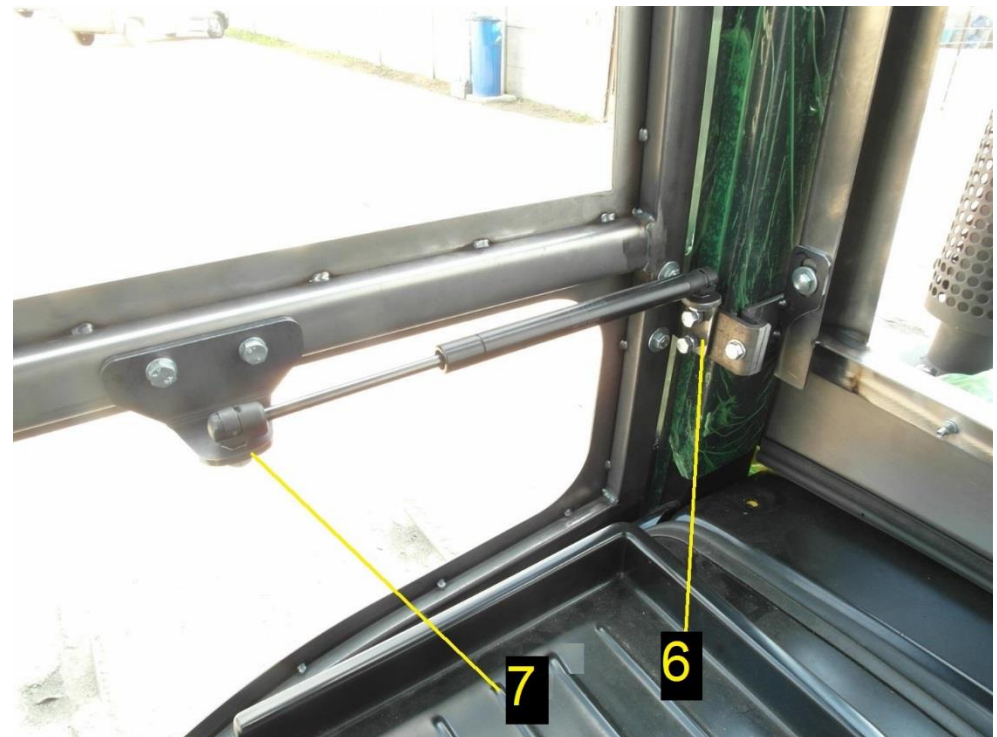


7. Fix the door latch (4) on the support
8. Put the assembly latch + support (5) on the front profile of the overhead guard.
9. Close the door, Put the door lock on the door latch and to block the position of the assembly door latch + support (5)

10. Fix on the lower hinge, the support of gas spring

11. Fix the holder (7) on the door

12. Attach the gas spring on supports with 2 nuts M8



13. Attach the sheet metal footboard (8) on the bottom of the door
14. Adjust its position with the slots provided on the door and on the bottom of the footboard



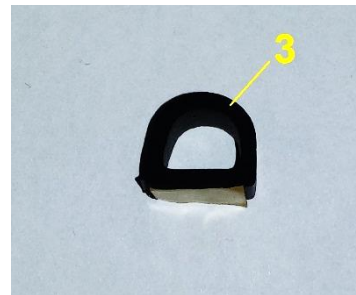
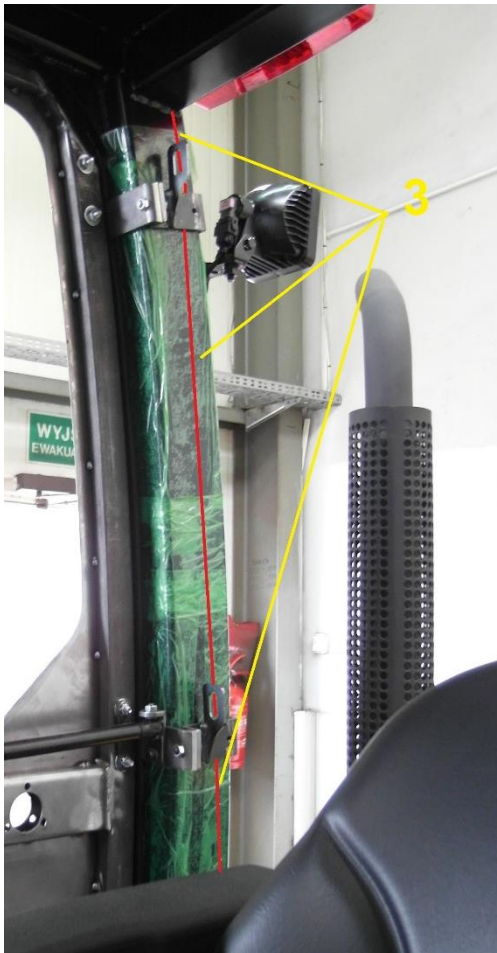
C. Assembly of METAL DOORS in 2 SECTIONS

The principle of mounting doors in two parts is the same as for standard doors. The difference is at the locking of the rear door part



D. Assembly of REAR PANEL

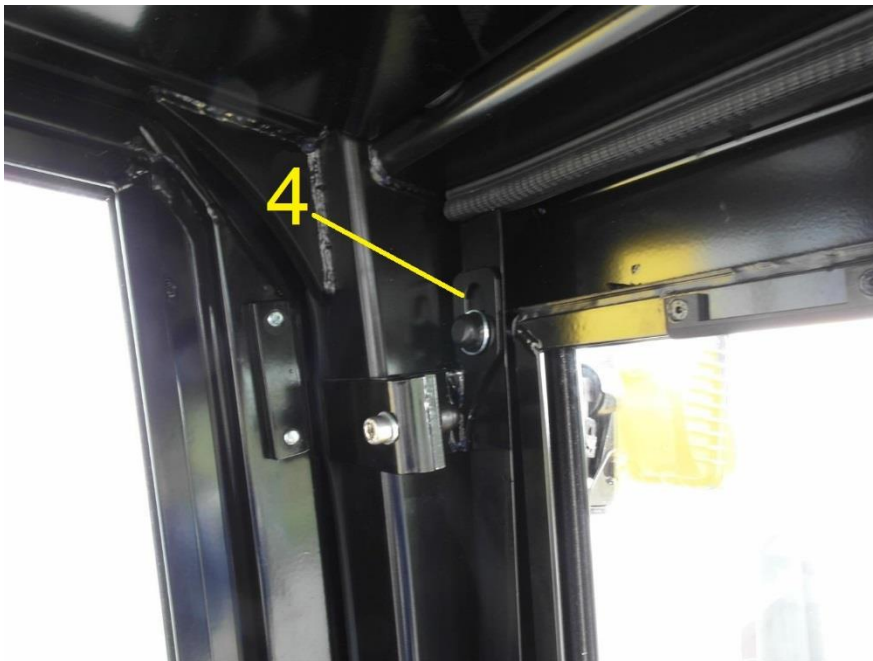
1. Disassemble air filter (1) and exhaust (2). It's necessary to install the rear panel



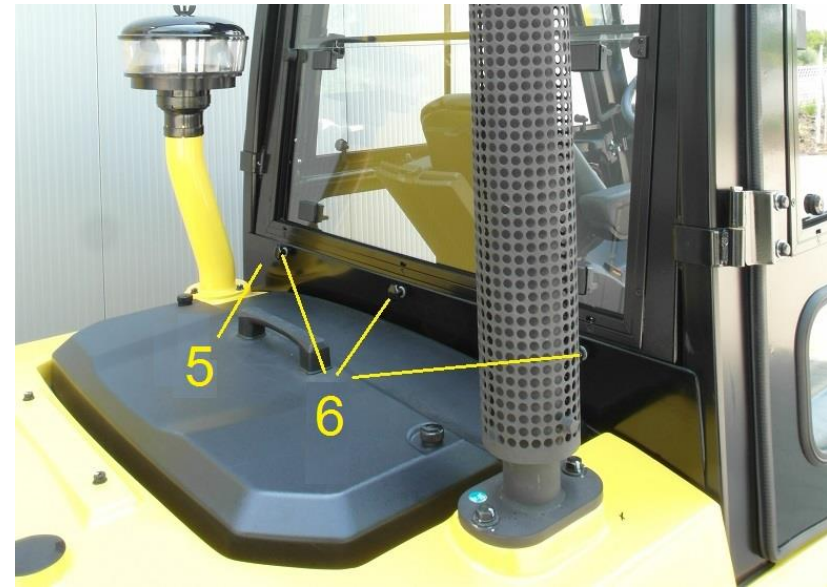
Be careful if you do not equip your forklift with metal doors, it is necessary to position the clamp of the rear panel by taking order mounting male hinge part of the door (See Section B, point 2 to 5)

2. Stick on the rear profiles and between the hinges , the seal provided (3)

3. By outside, put the rear panel against the clamps (4)
4. Adjust the position of the rear panel by compressing the upper seal and attach the clamps (4) using the screws supplied.



5. Fix the rear lower sheet metal on the rear panel with 3 knobs M6



6. Achieving a mastic at the hinges or clamps for holding the rear panel to finish sealing the rear panel
7. Reassemble the air filtration and exhaust pipe

8. If your forklift is equipped with a flashing light or beacon, remove it with the support
9. Attach the bracket assembly + flashing light with room (7) provided



E. Assembly of FRONT PANEL

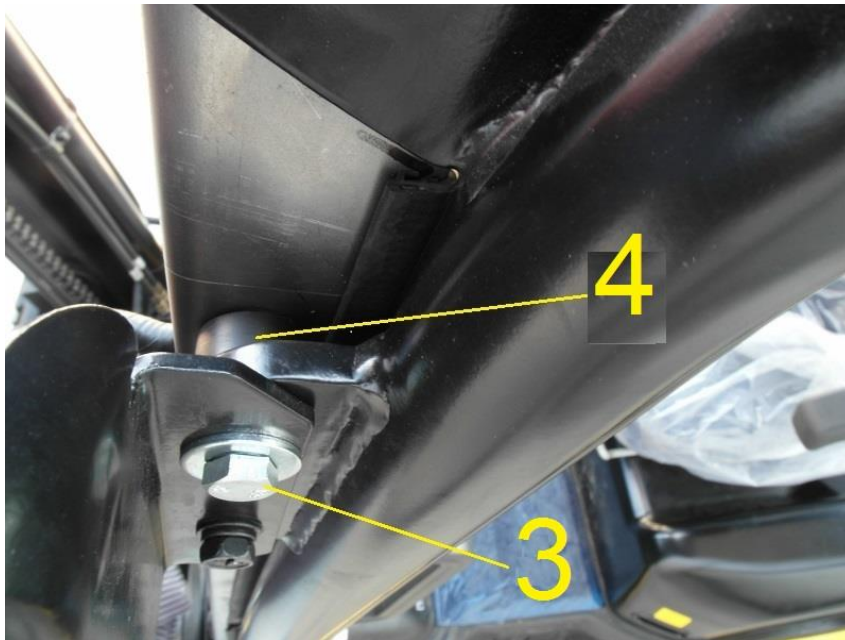
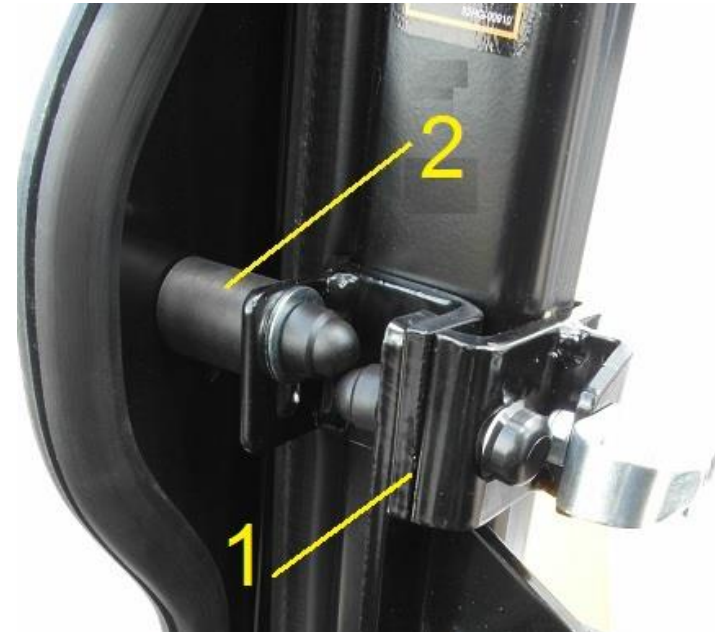
1. Disassemble the front lights



2. Put the front panel between the front profile of the forklift and in contact with the upper front part of the overhead guard

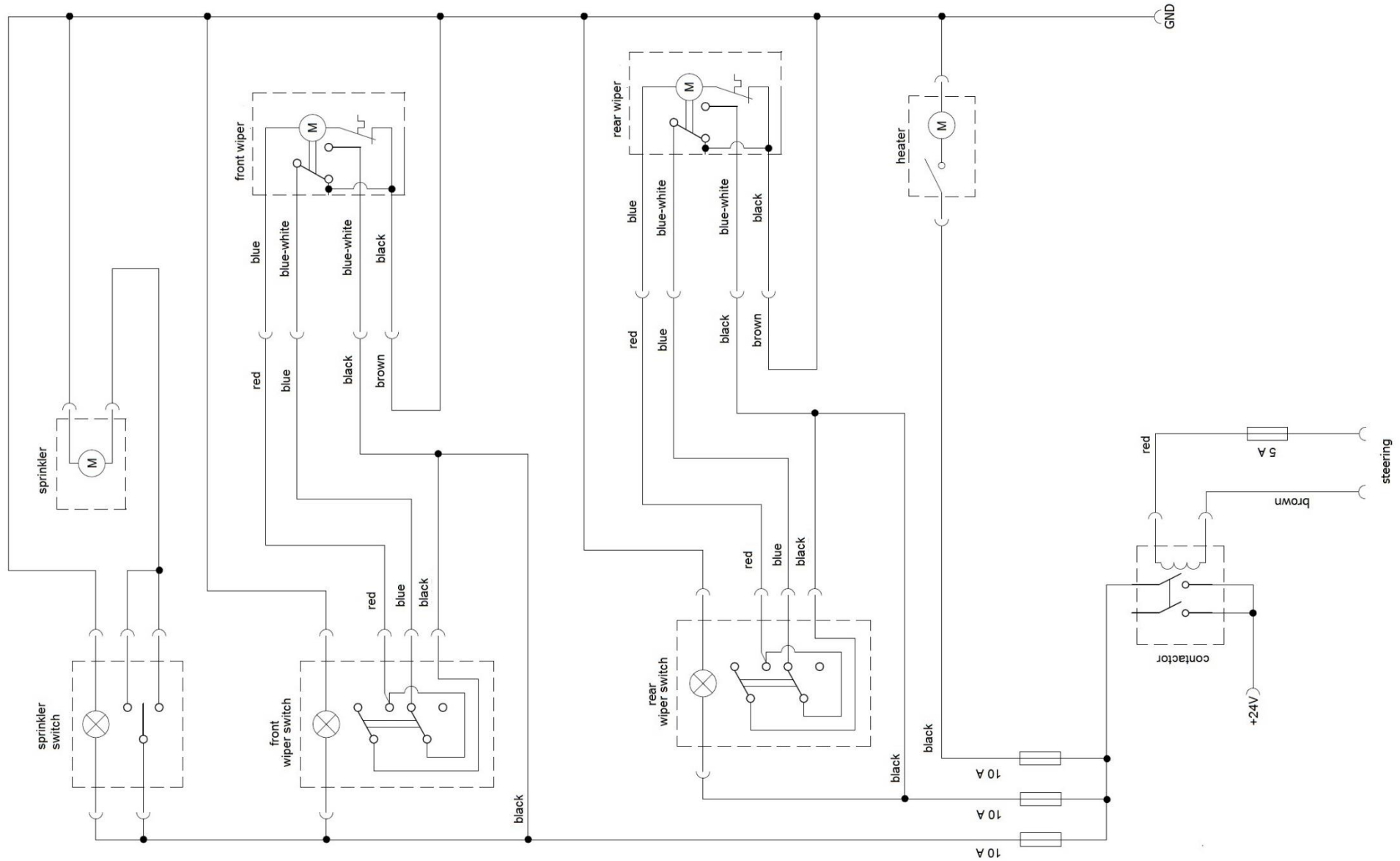
3. Attach the bottom of the front panel with the door latches sets (1). Using the screws provided and put the spacers (2) between the metal frame and the clamp

If the forklift is not equipped with metal doors, use clamps provided with the front panel



4. Reassemble the front light and replace the top screw provided (3) to fix the top of the front panel. Place the spacer (4) between the light support welded on the overhead guard and the front panel.

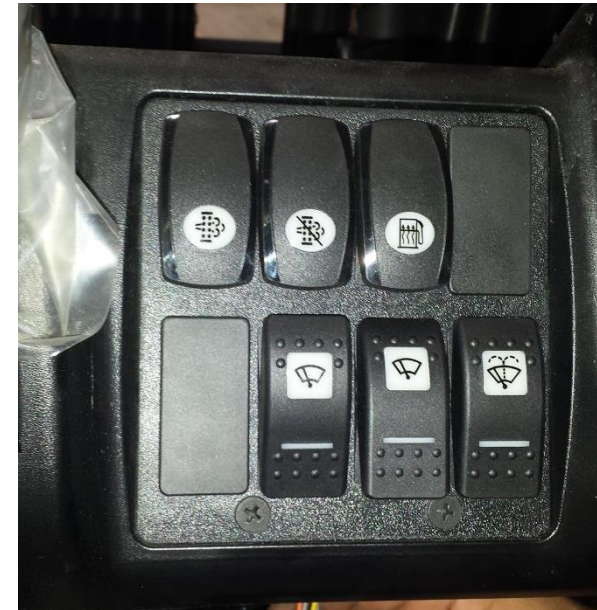
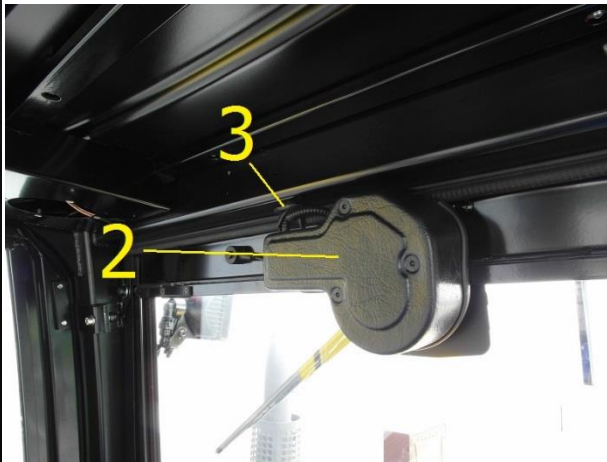
F. Assembly of ELECTRIC EQUIPMENT



1. Disassemble the lower part of the dashboard (right side)
2. Drill one hole Ø22 (1) on the dashboard (top of the original switch support)
3. By this hole, drag the electric wire of the front motor wiper and the washer pipe
4. Attach the front motor wiper on the glass and attach the wiper arm and the wiper
5. Connect the electric wire to the front motor wiper
6. Attach on the glass the washer connector and connect the washer pipe

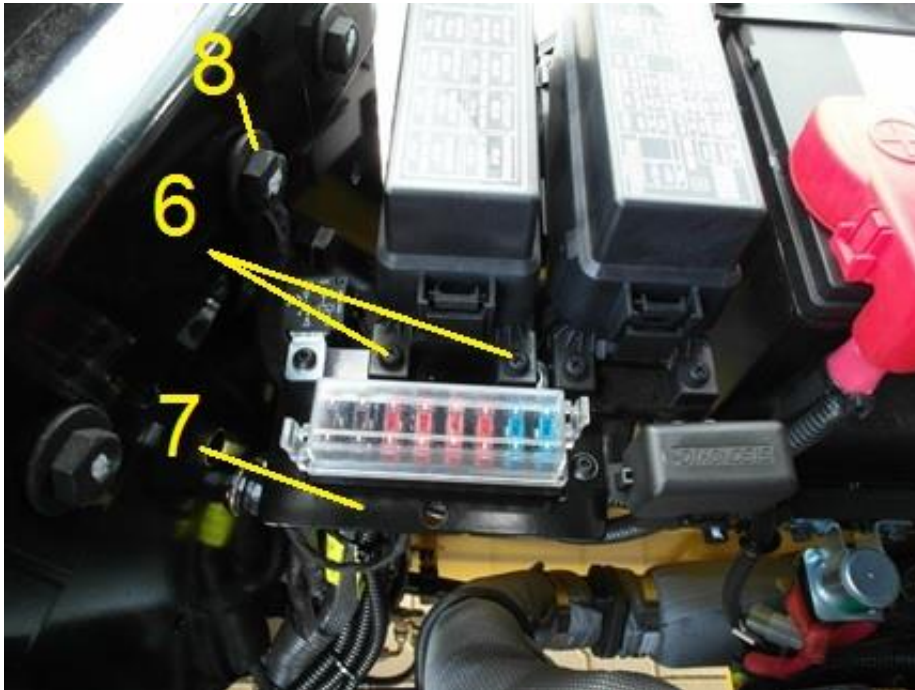


7. Remove the switch masks
8. Drag all wires with switch connectors (for front and rear motor wipers and washer)
9. Put the switches on the original support



10. Drag the electric wire of the rear motor wire on the original hole (4) on the lower of the right profile of the overhead guard and exit it by the original hole (3)
11. Attach the rear motor wiper, the wiper arm and the blade
12. Connect the electric wire to the motor wiper

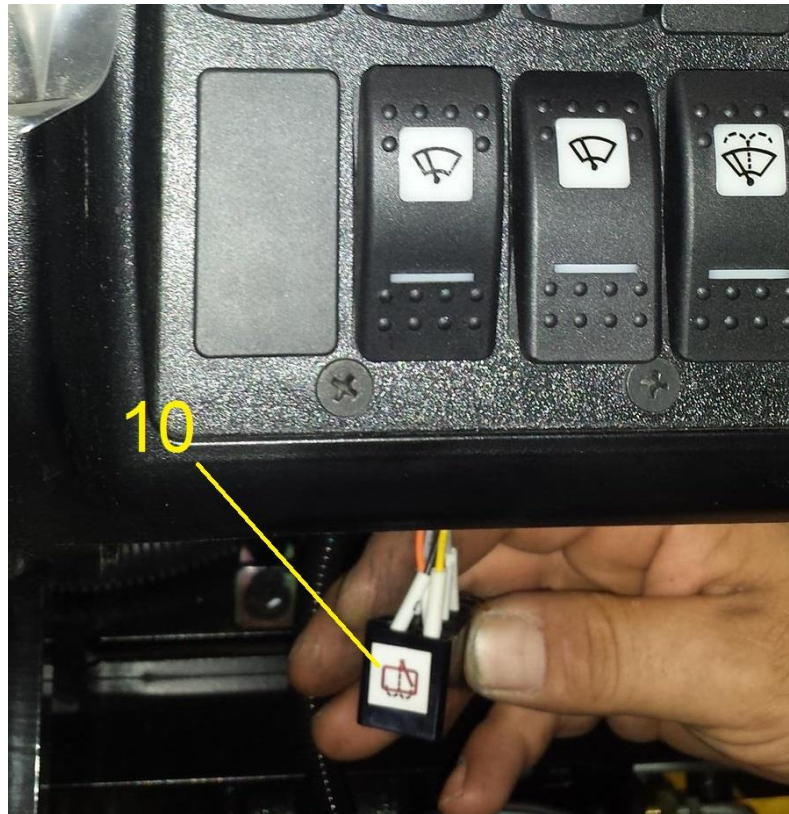
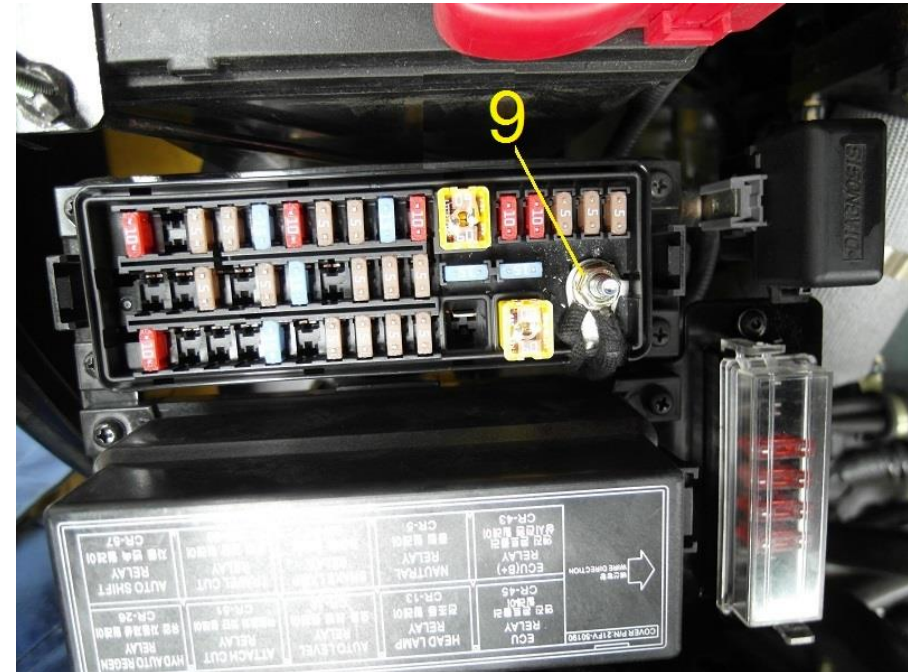
- 13. Attach the washer support on right door clamp.
- 14. Drag and connect the electric wire of the washer pump
- 15. Connect the washer pipe to the washer pump



- 16. Locate the boxe original of fuses
- 17. Unscrew the two screws (6) and secure the support and fuses assembly (7) assembly and fuses (7)
- 18. Connect the ground wires on the original screw (8)

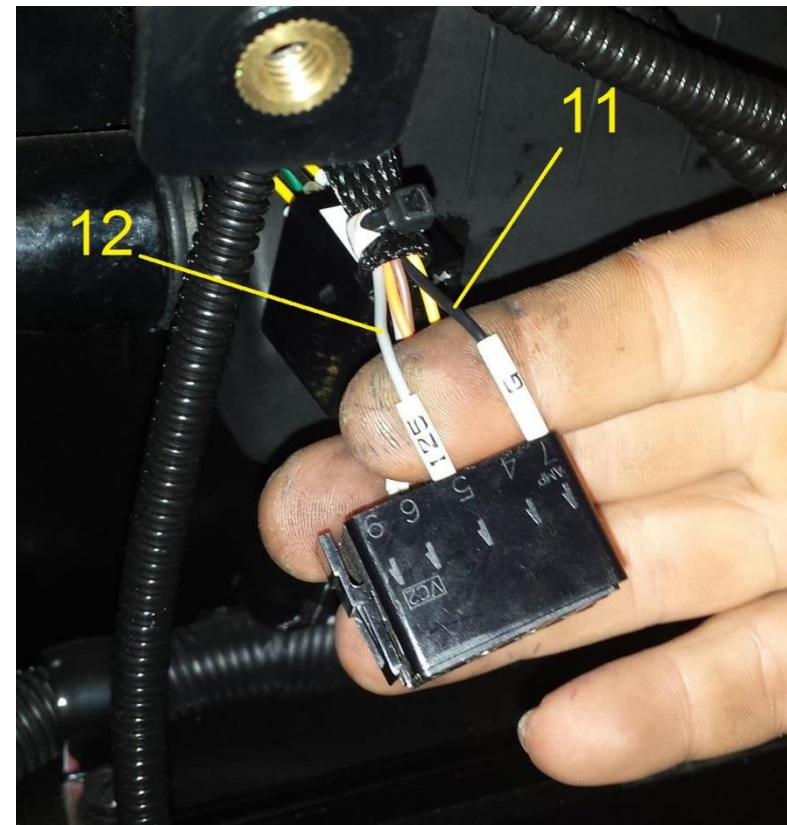
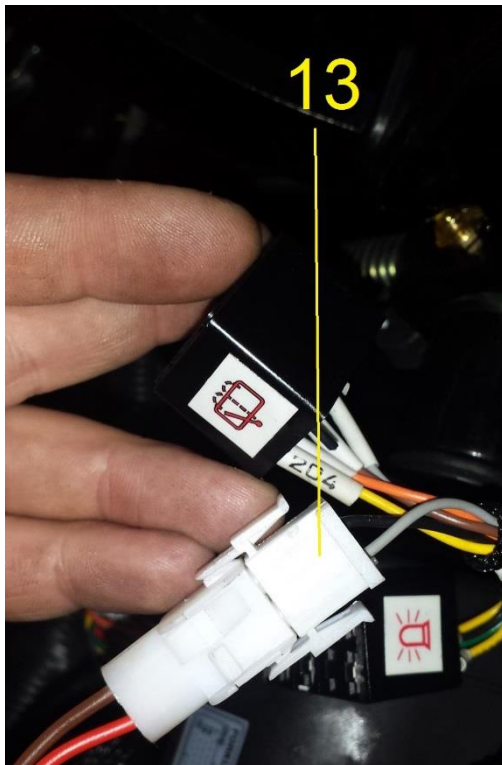
20. Open the fuse base and locate the screw (9)

21. Connect the positive wire of "+24 V" on the screw (9)



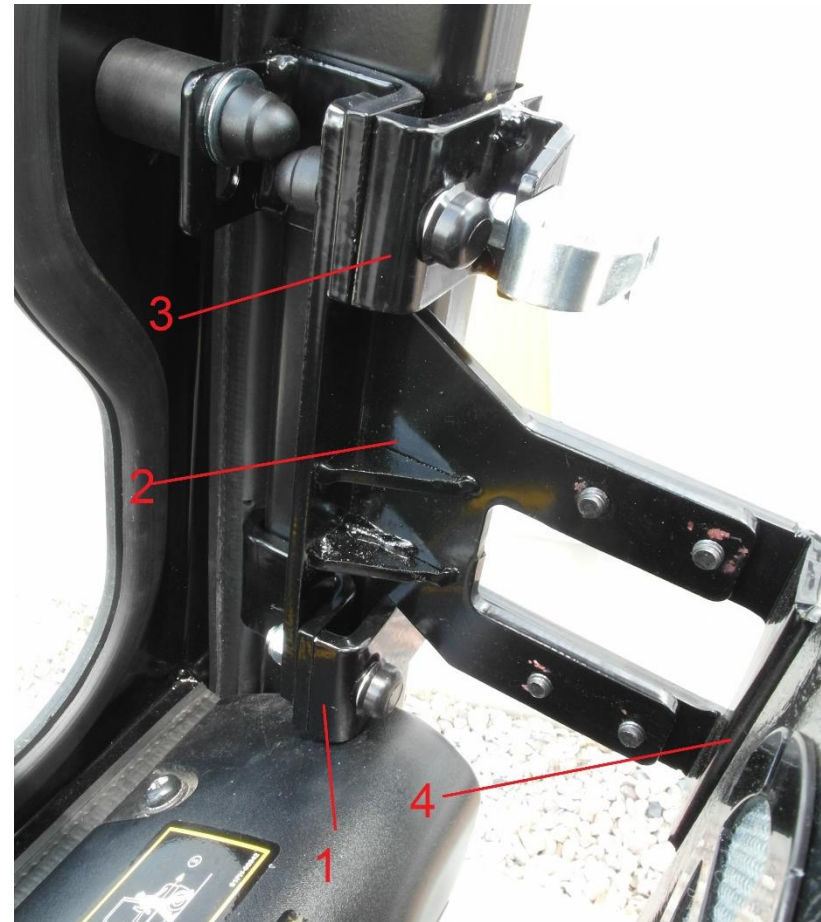
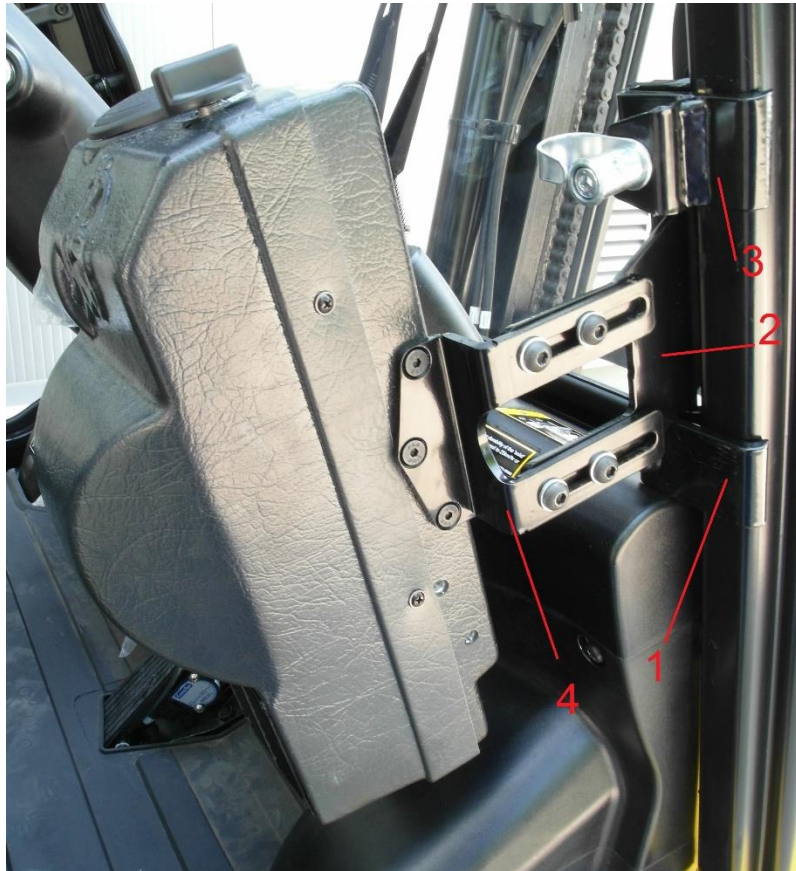
22. At the right of the steering column and under the dash (upper part), locate the original connector (10) (connector with wiper symbol)

23. Cut the black wire (11) and the grey wire (12) of the original connector (10)
24. Put on these two wire (black and grey) the pins and the connector (13).
25. Connect the electric wire provided to the connector (13)
26. Reassemble the dashboard

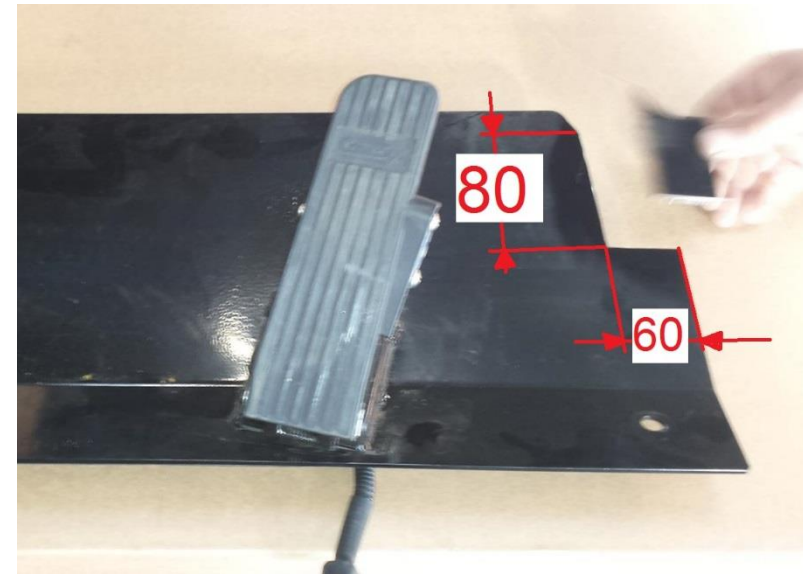


G. Assembly of HEATER

1. Fix the clamp (1) on the support (2) with the screws provided
2. Attach the assembly (1+2) on the the right profile of the overhead guard and on the right door latch support (3)
3. Attach the part (4) on the part (2)
4. Attach the heater bloc on the support (4)

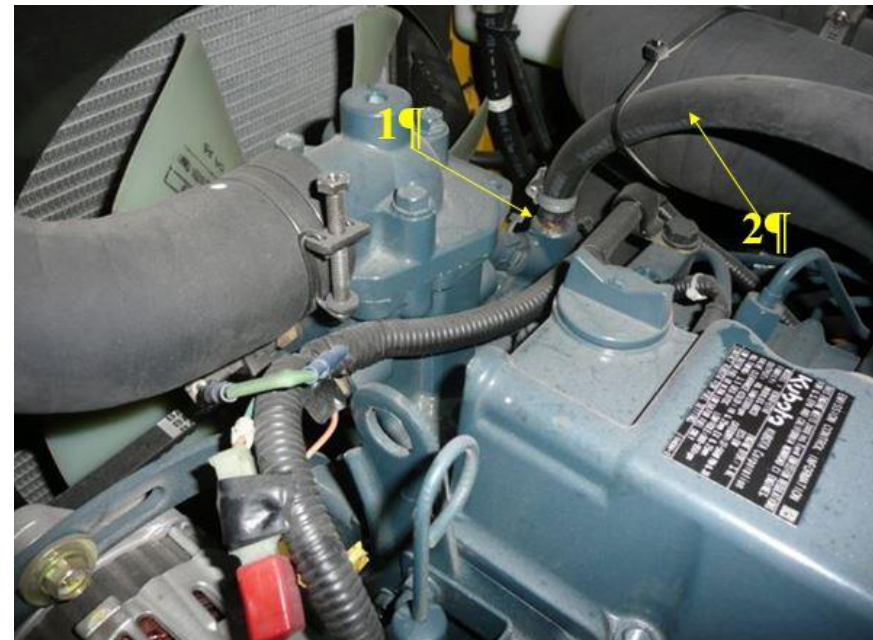


5. Open the motor cover and remove the floor sheet metal
6. On this metal sheet, realized an cutting with the dimensions on the picture



Heater connection on engine type 1

7. Screw tommy screw from upper part of engine body (1) out
8. Match reduction and then screw it together with coppery cushion (washer) in. Then assembly reduction (2) together with hose, that takes heating staff out of heater





8. Screw tommy screw from side part of engine body (3) out
9. Match reduction and then screw it together with copper cushion (washer) in. Then assembly reduction (4) together with hose, that supplies heating staff to heater

10. Replace the floor sheet metal and drag the electric wire and heater pipes in the right side cut angle
11. Create the same cutting on the plastic floor
12. Connect electric wire to the heater

