

ASSEMBLY INSTRUCTIONS

FORKLIFT BRAND

HYUNDAI

FORKLIFT MODEL

22/25/30/33 D-9 – 35 DA-9

DESCRIPTION

*Rigid Cabin
Heater*

Tracking changes and improvements

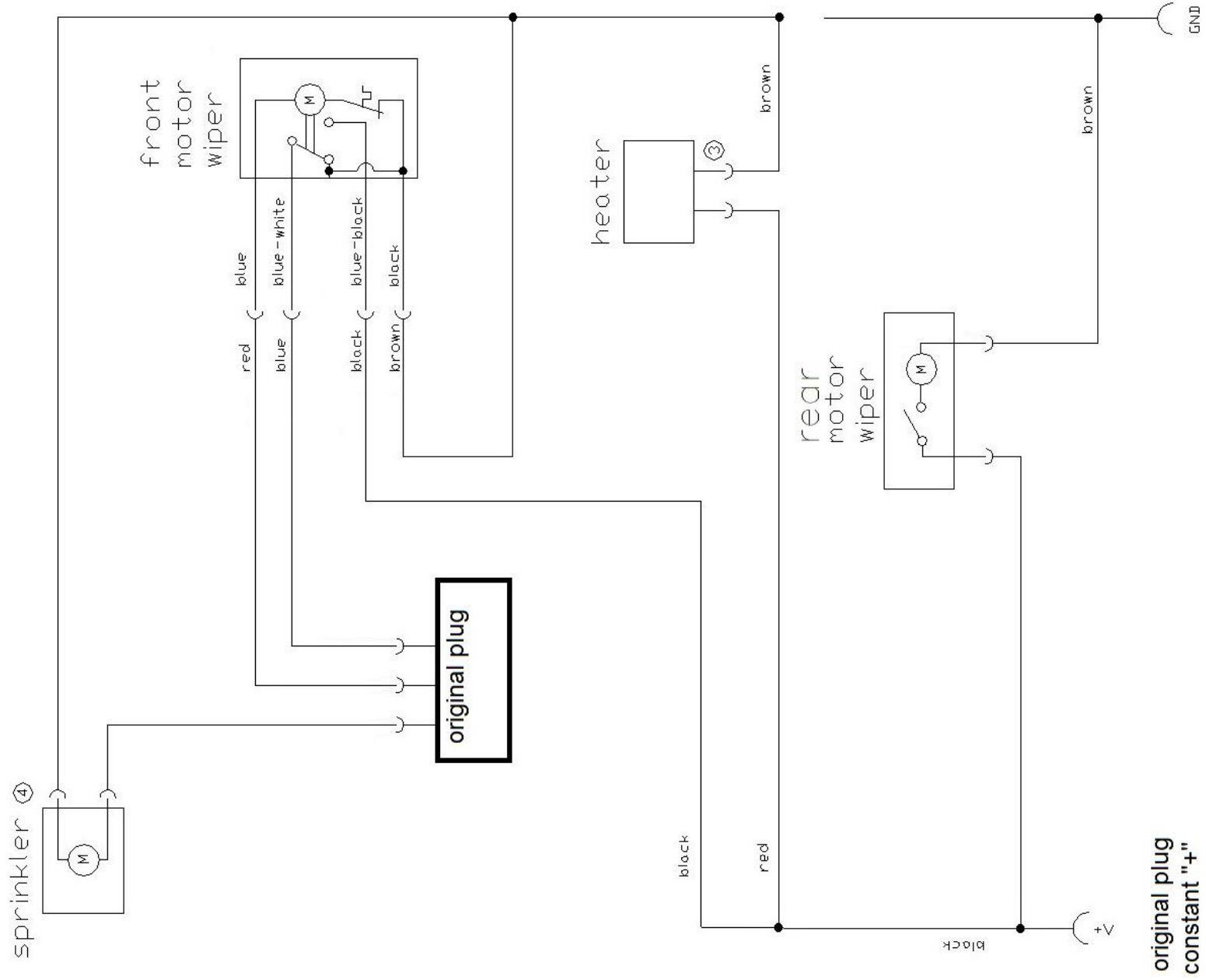
<i>Index</i>	<i>Date</i>	<i>Description of changes</i>	<i>Realised by :</i>	<i>Modified by :</i>
A	23/11/2015	Creation of the document	PN	
B	02/05/2016	Add range 35DA-9	PN	
C	14/09/2016	Change electric connexion on foriginal plug under the seat	PN	
D				
E				
F				
G				
H				

You can download on our website www.cabine-kbo.com the latest versions of Assembly Instructions

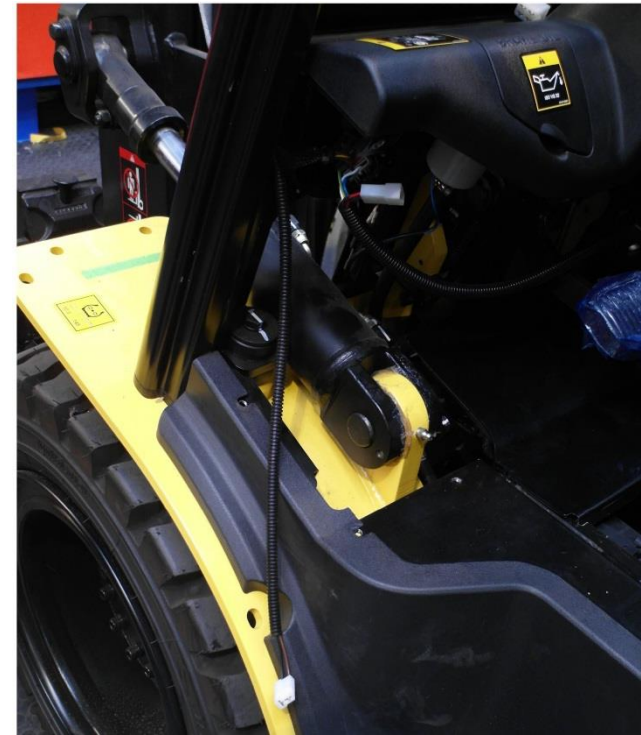
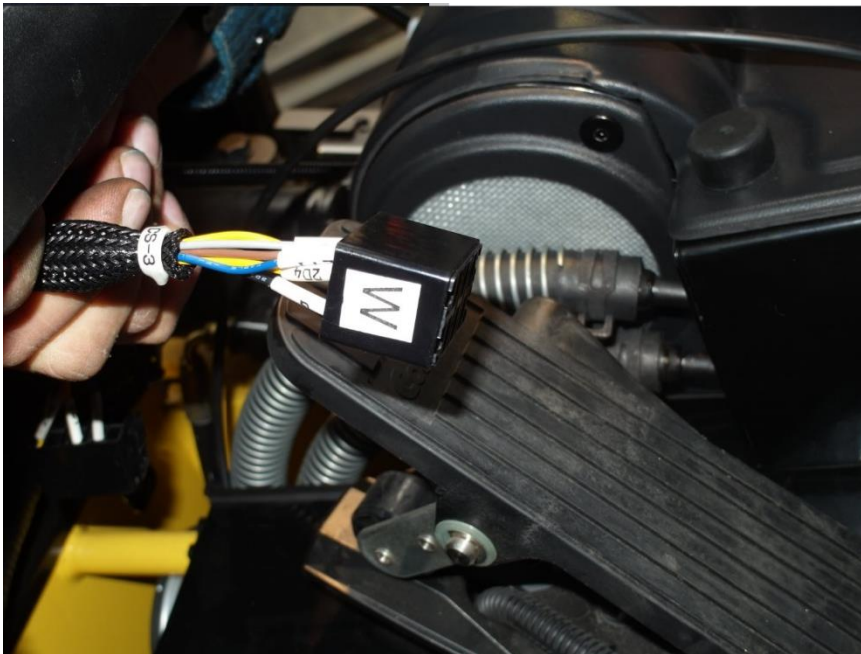
Assembly Sequence

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

A. Assembly of ELECTRIC EQUIPMENT



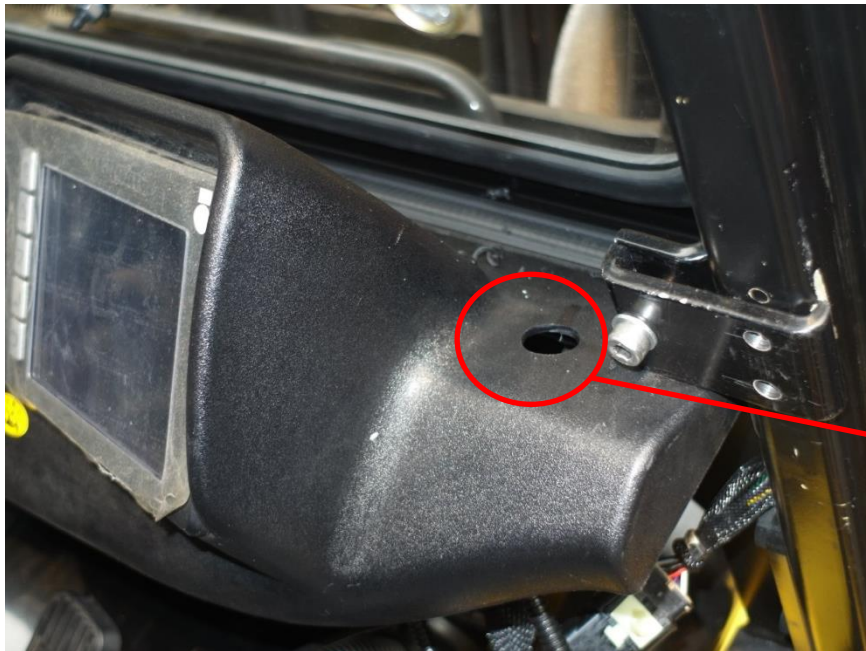
1. Take off dashboard left and right side



2. Find connection block under dashboard « W »

3. Take off plug from dashboard and plug in connection with sprinkler switch (1)

1



4. Drill Ø20 hole (2) in dashboard

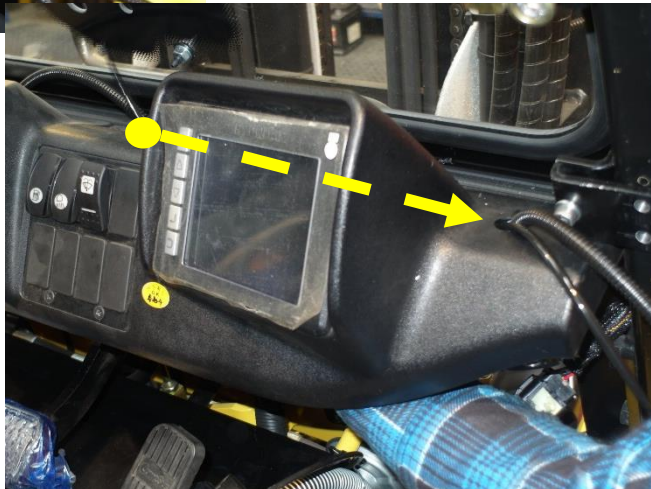
2

5. Drill Ø20 hole (3) in dashboard above box with switch



6. Drag wires for front wipers and washer tank under the dashboard ad to drag out through the hole

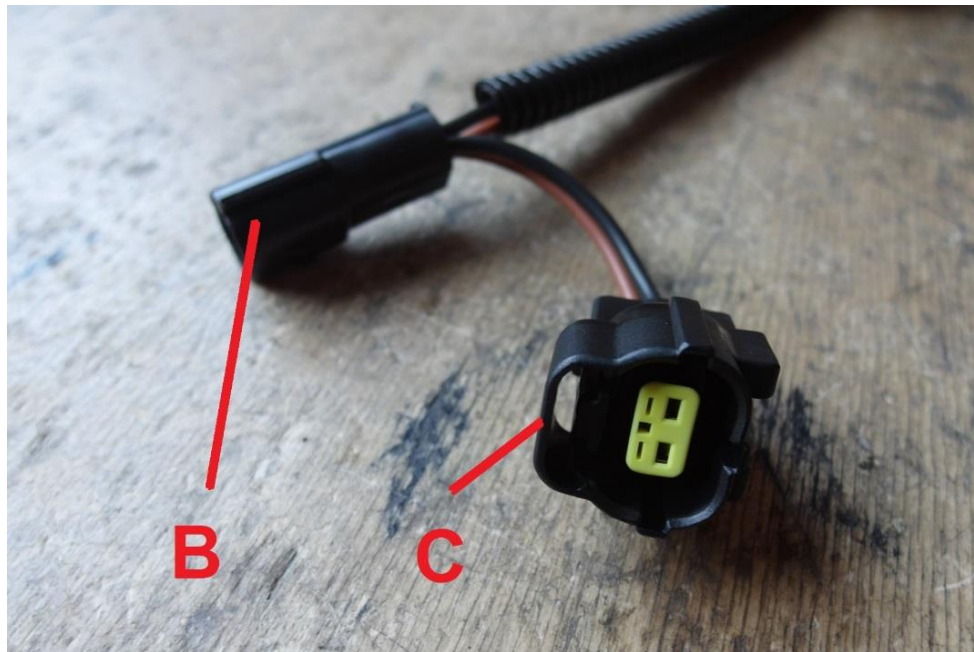
7. Drag wires under dashboard towards drill holes
8. Drag wires for washer tank through the holes



9. Drag wires under dashboard (like yellow arrow shows)

10. Open the motor cover and identify under the seat the plug (A)

11. On the front wire, identify plugs (B et C) Drag this wire following original wire and connect plug (A) and (B).

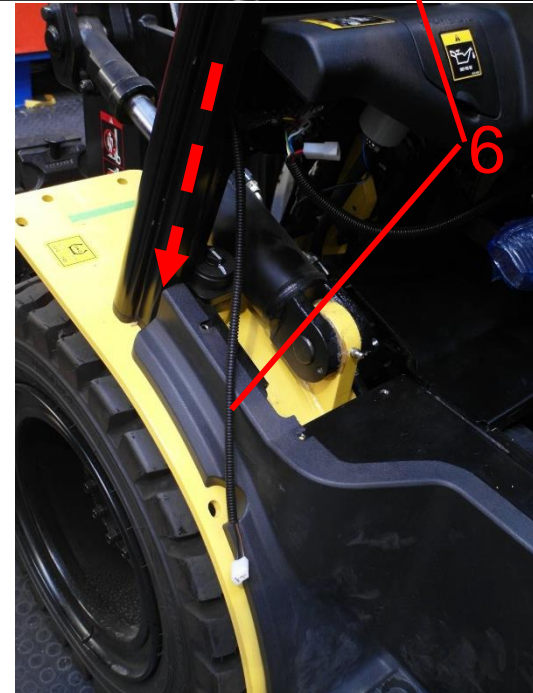


12. Take off plug (4) from rear OHG profiles

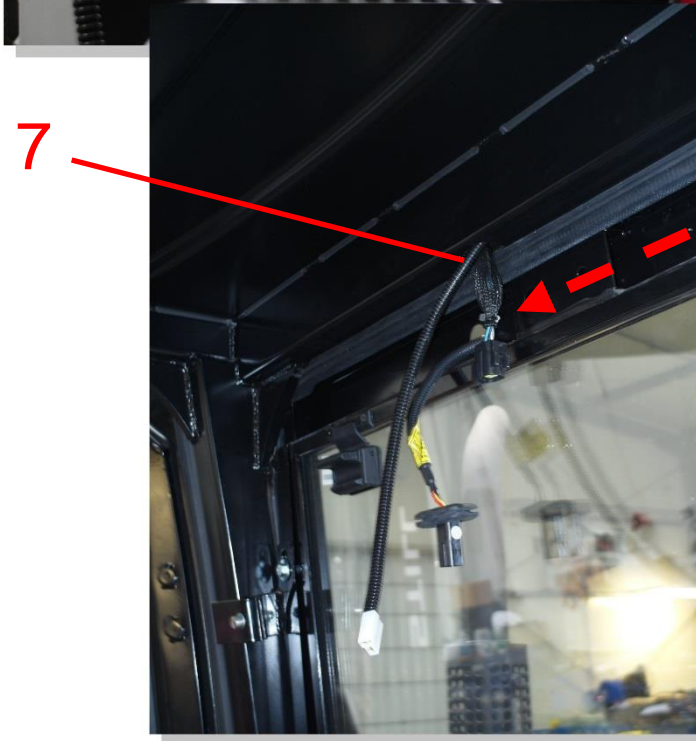
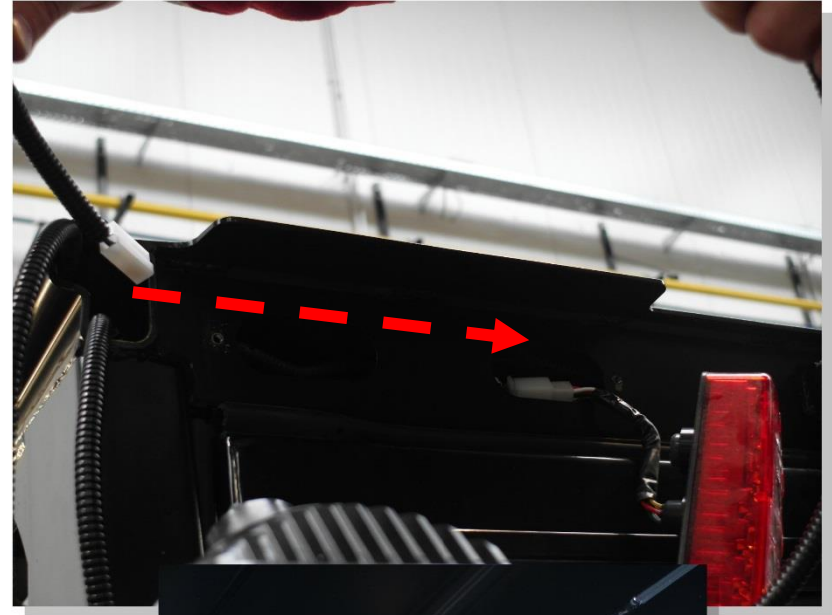


13. Turn off rear lamps

15. Drag into OHG profiles the electric wire (6) towards front dashboard

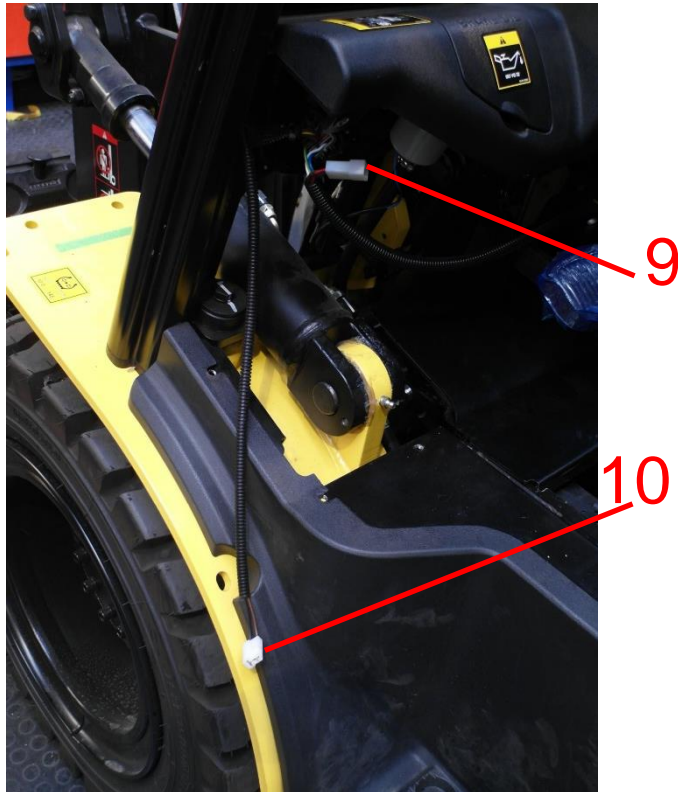
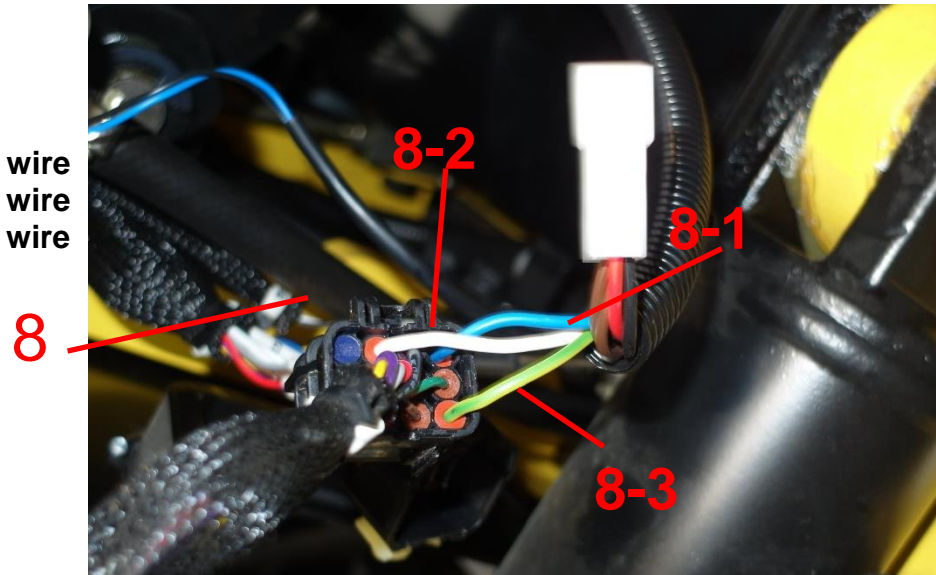


16. Drag wires from rear wiper through hole in OHG profiles and in holes (7) in rear bar



17. Connect wire to original plug

8-1 = Blue wire
8-2 = FWhite wire
8-3 = Yellow/green wire



18. Connect wires (9) and (10) and close the dashboard

B. 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).

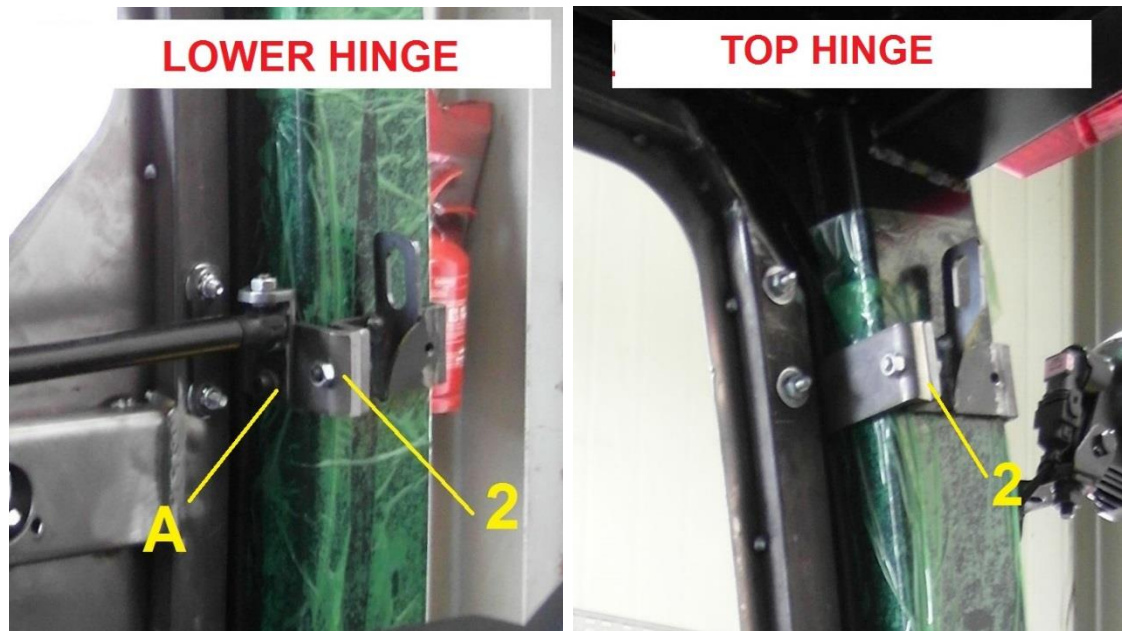
C. Assembly of METAL DOORS

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

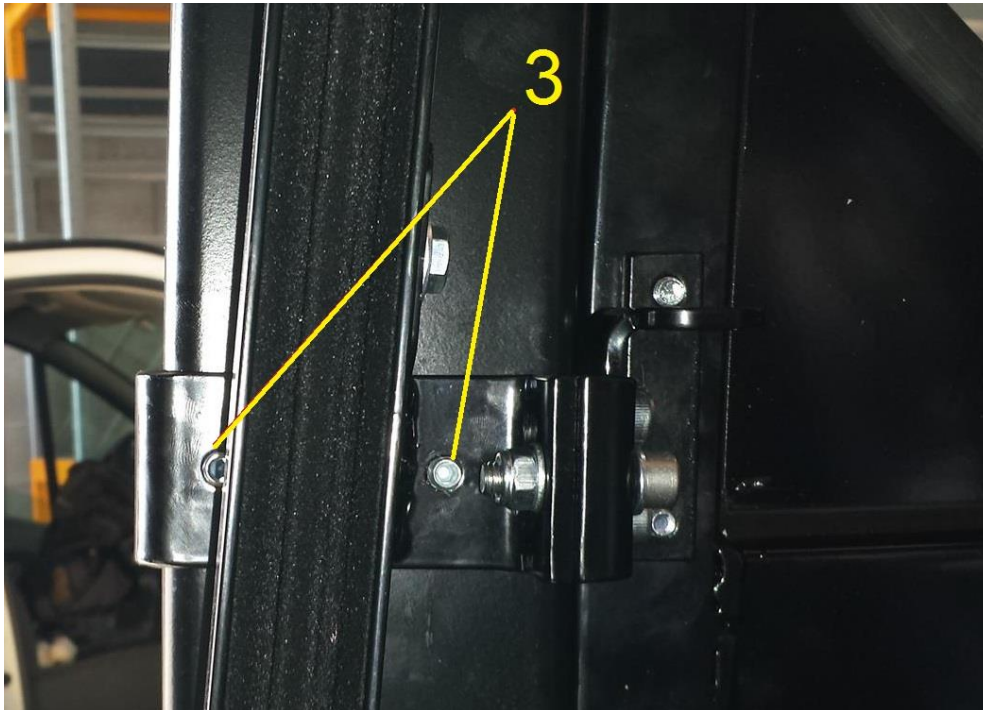
Please note, high and low hinges are different. On the lower hinge you have two holes to the mount of the support of gas spring (A).

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 in position Lock in position hinges male part (1), tightening the two screw provided (3).

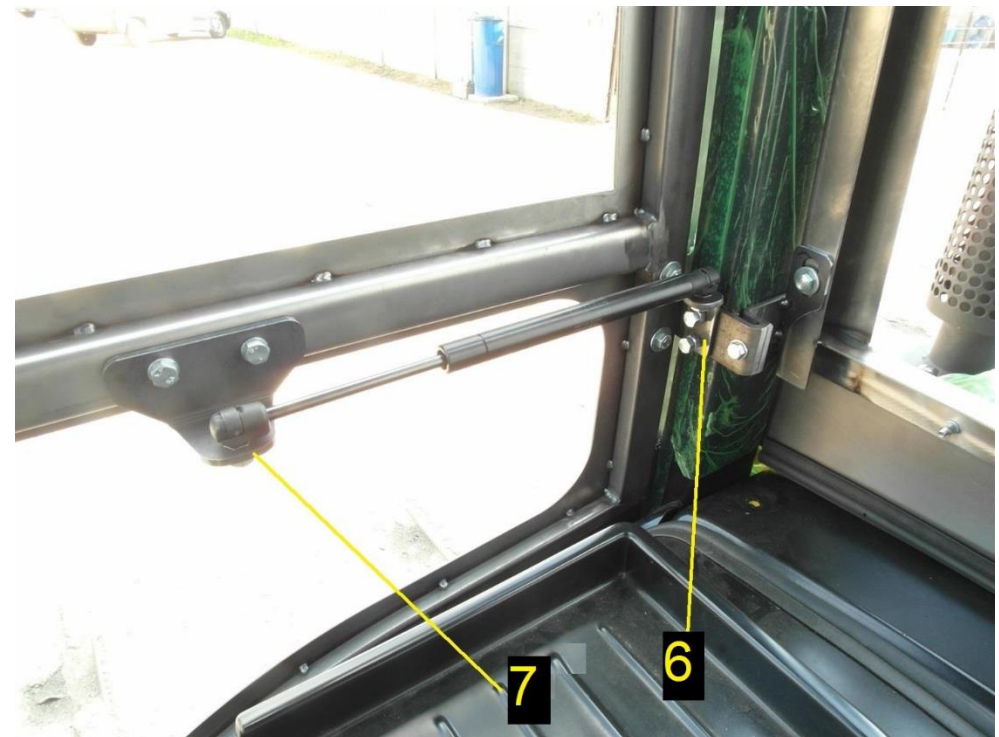


7. Fix the door latch (4) on the support
8. Put the assembly latch + support (5) on the front profile of the overhead guard.
9. Close the door, Put the door lock on the door latch and to block the position of the assembly door latch + support (5)

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



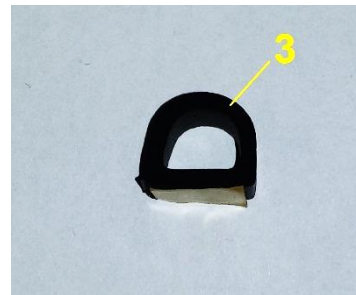
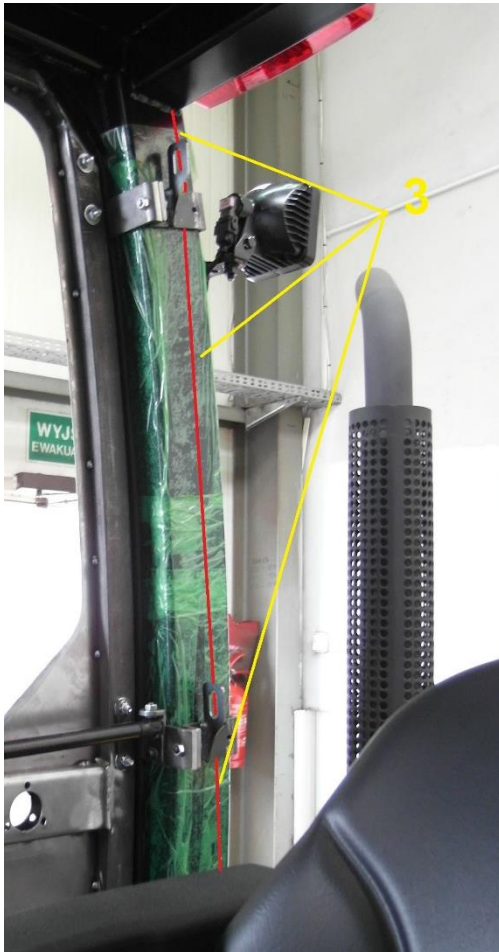
D. Assembly of METAL DOORS in 2 SECTIONS

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



E. Assembly of REAR PANEL

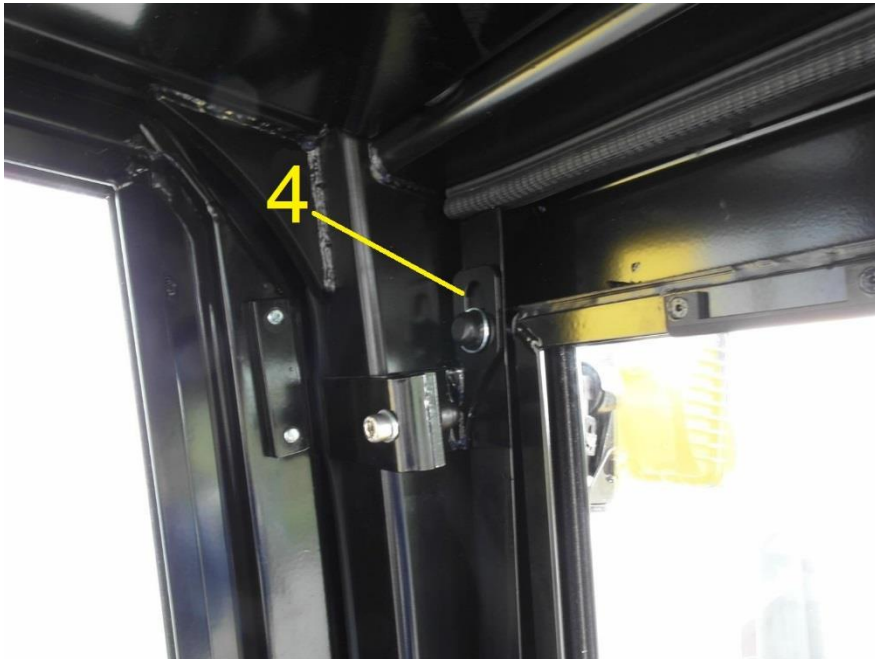
1.



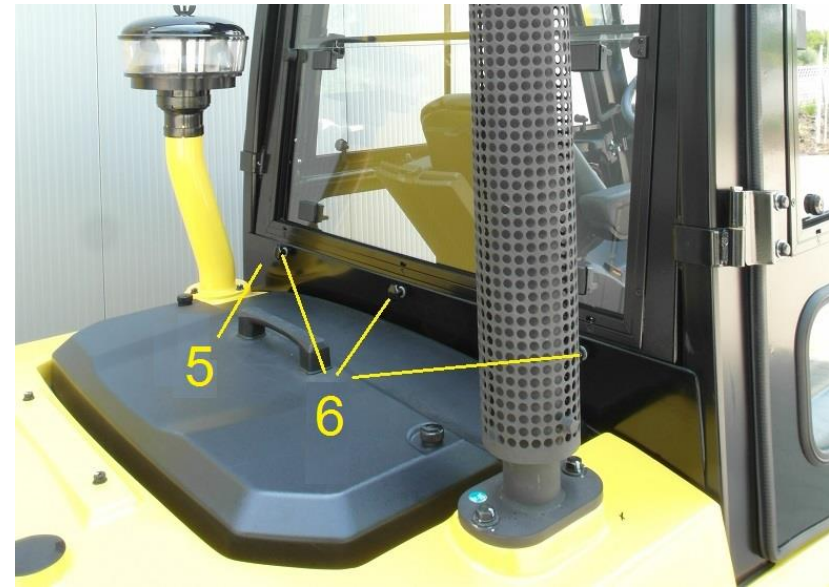
Be careful if you do not equip your forklift with metal doors, it is necessary to position the clamp of the rear panel by taking order mounting male hinge part of the door (See Section B, point 2 to 5)

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



10. Attach the rear motor wiper, the wiper arm and the blade

11. Connect the electric wire to the motor wiper

F. Assembly of FRONT PANEL

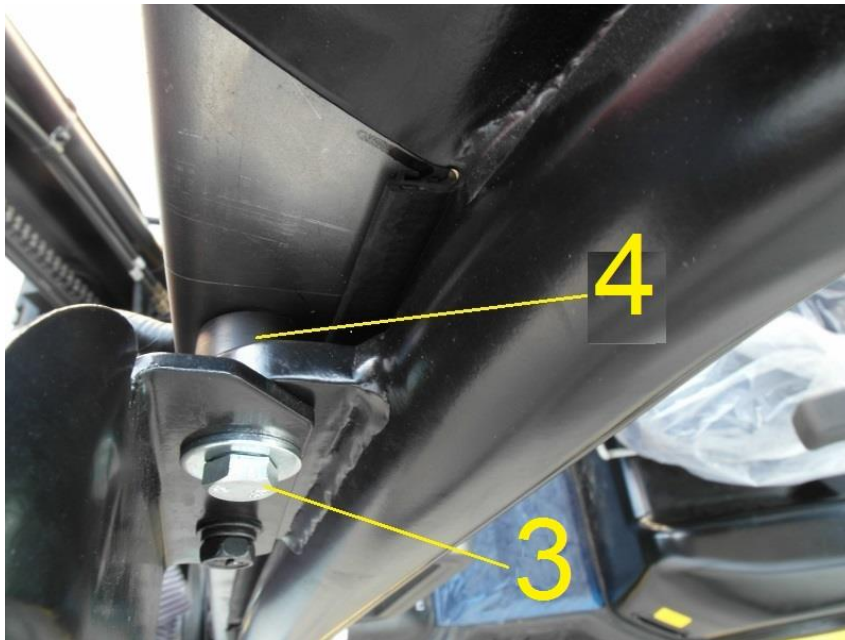
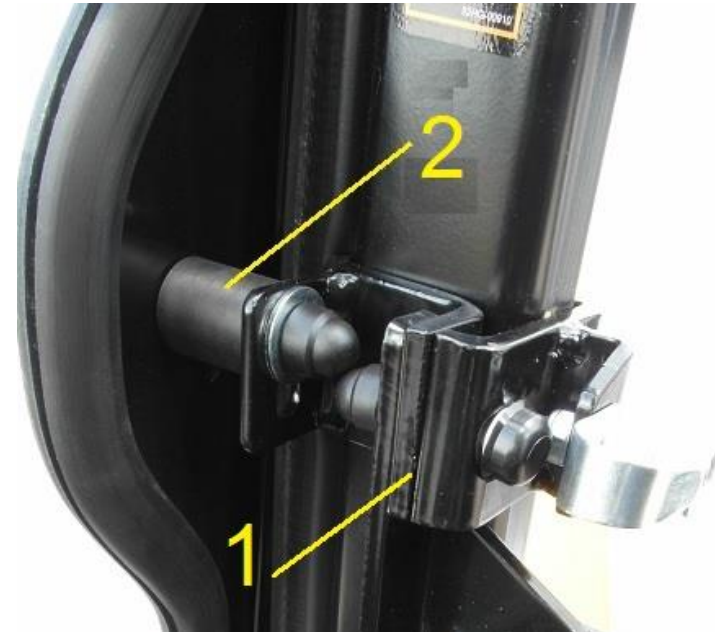
1. Disassemble the front lights



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.

5. Attach the front motor wiper on the glass and attach the wiper arm and the wiper
6. Connect the electric wire to the front motor wiper
7. Attach on the glass, the washer connector and connect washer pipe

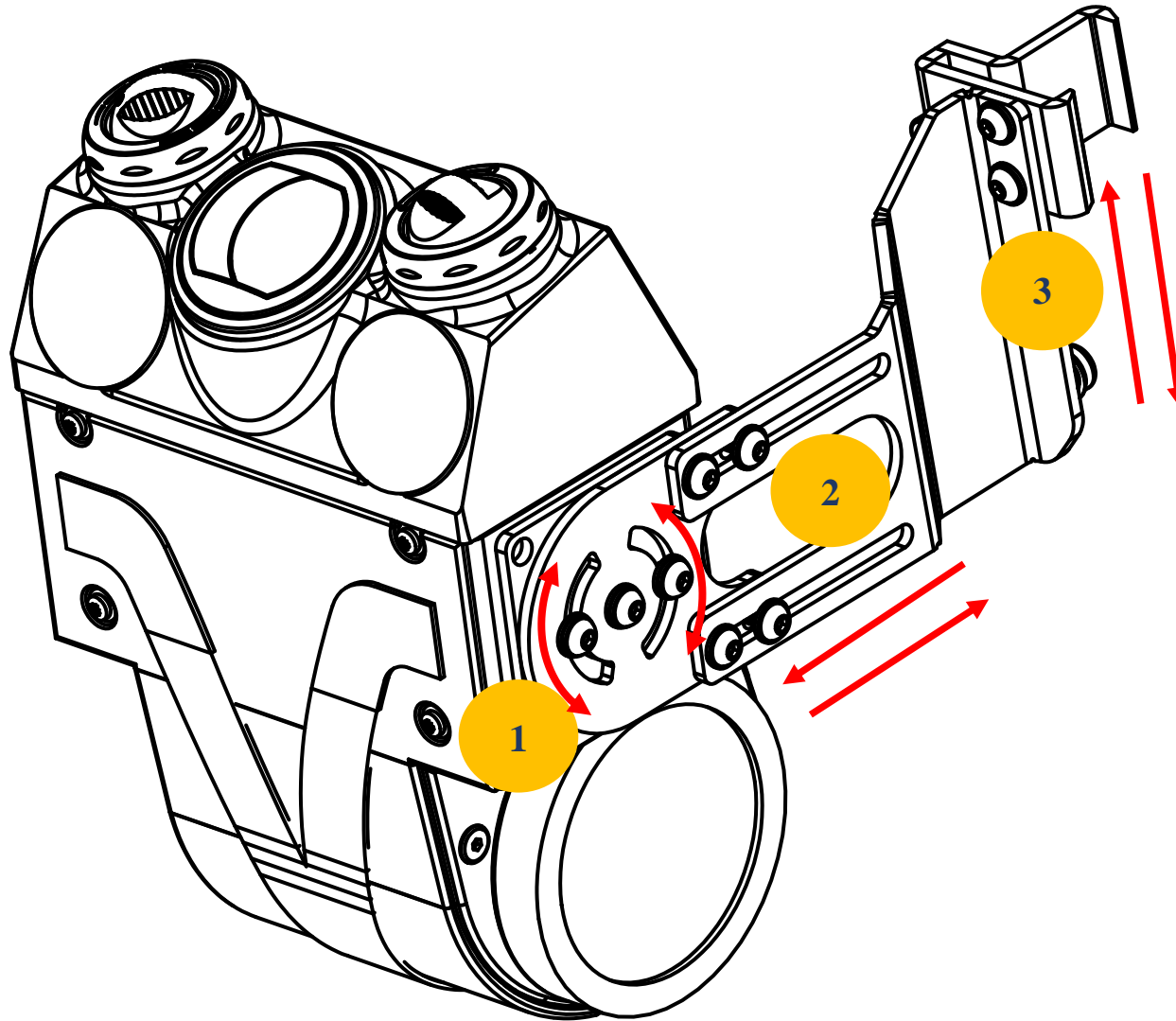


8. Attach the washer support on right door clamp.
9. Drag and connect the electric wire of the washer pump
10. Connect the washer pipe to the washer pump

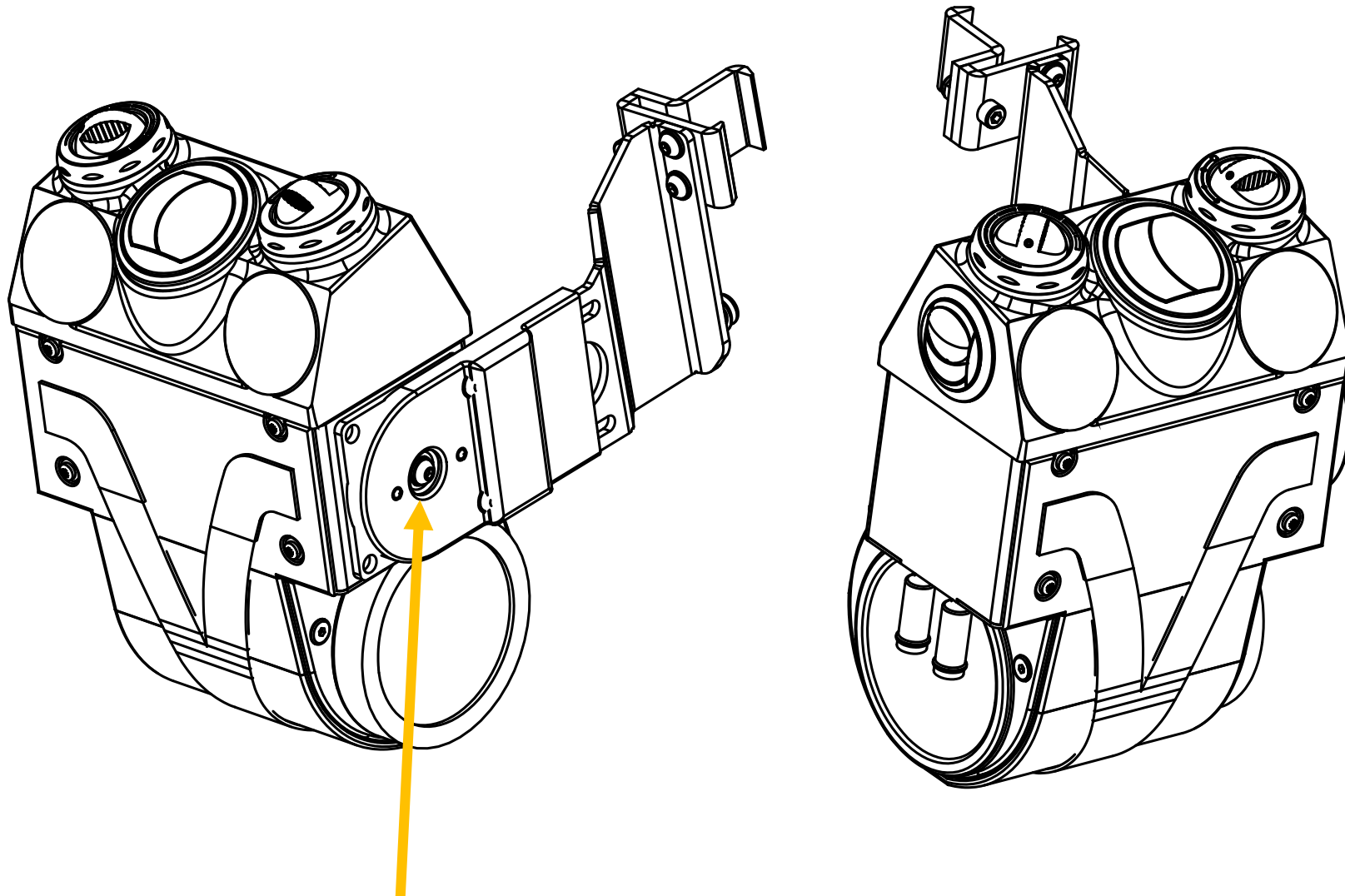
G. Assembly of HEATER



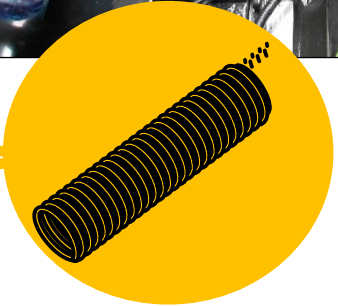
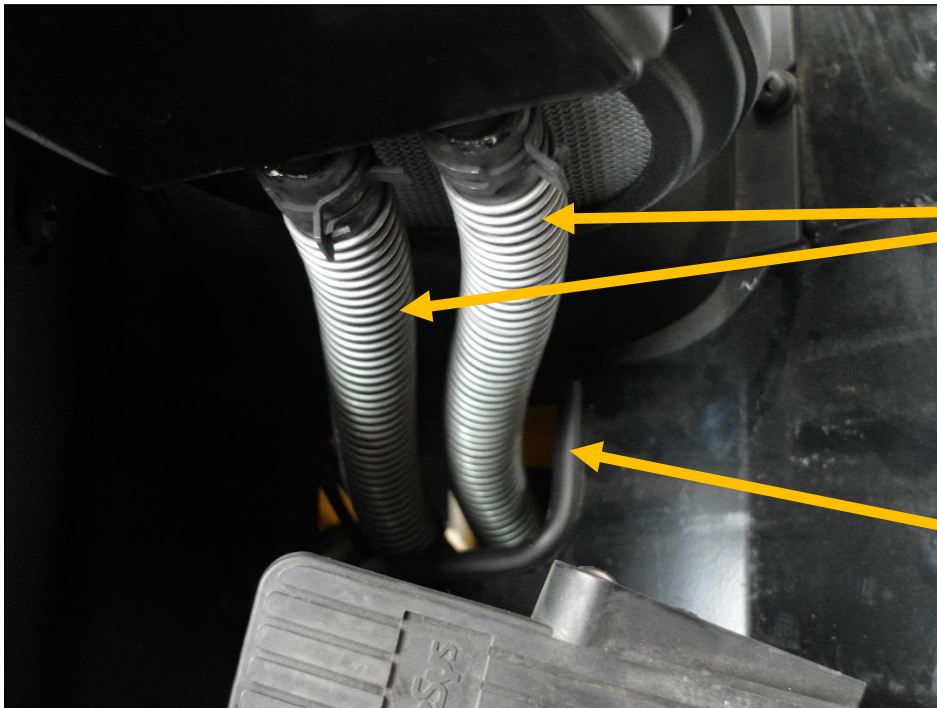
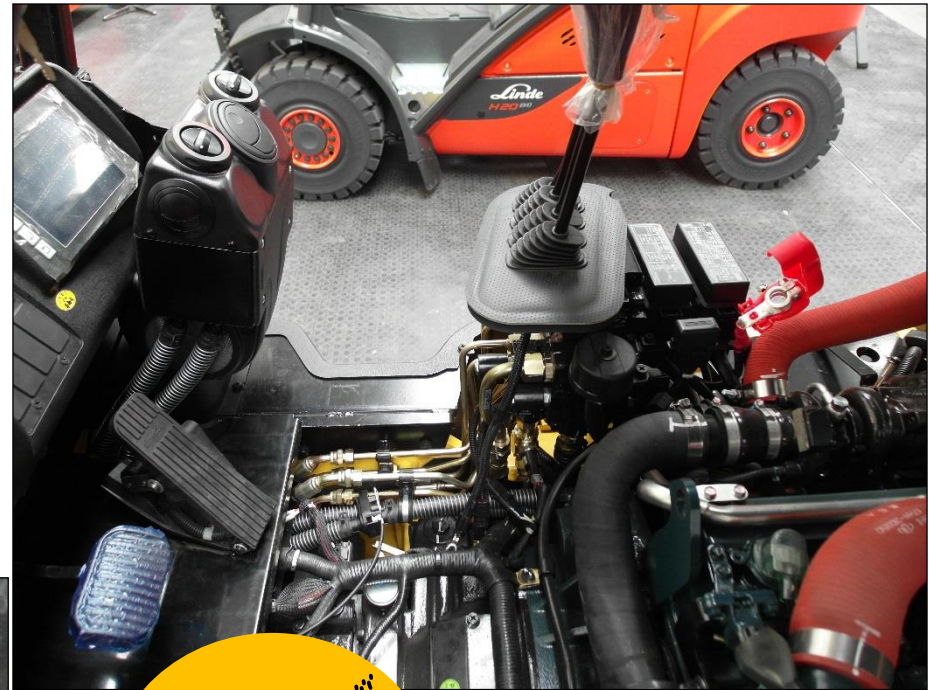
1. SET THE HEATER WITH THE HOLDER ATTACHED TO THE FRONT RIGHT OHG PILLAR ON SUCH WAY THAT THE HOLDER WILL NOT COLLIDE WITH DOORS AND HEATER WILL NOT COVER THE FORKLIFT DISPLAY.
2. ADJUST THE CLAMP POSITION AND FASTEN THE SCREWS STRONGLY.
3. FASTEN HEATER.
4. CONNECT ELECTRIC HARNESS.



1.TILT ADJUSTMENT. 2.DISTANCE ADJUSTMENT. 3. HEIGH ADJUSTMENT



AFTER SETTING THE HEATER - UNSCREW THE MIDDLE SCREW AND THEN MOUNT A COVER PLATE OF THE HOLDER

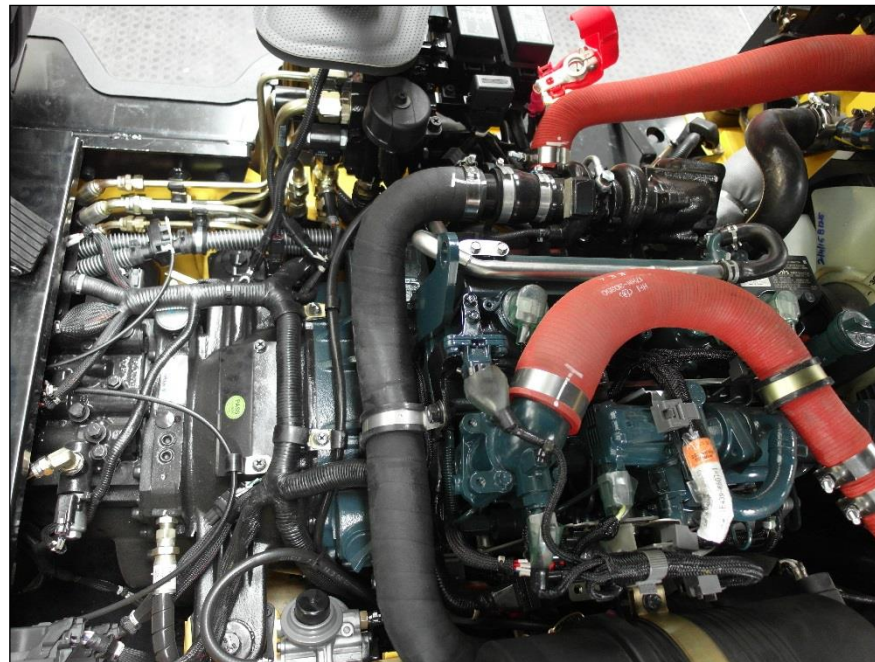


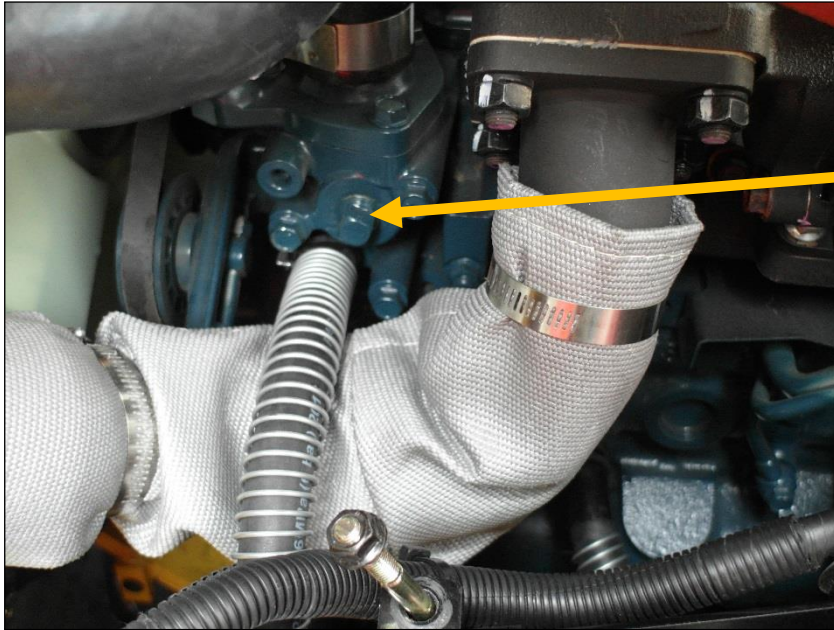
- 4. CUT OFF PART OF THE FLOOR.
- 5. PUT THE SEAL ON CUTTED EDGES.



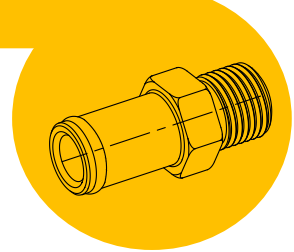
6. CUT OFF PART OF THE RUBBER FLOOR.
7. CONNECT ELECTRIC HARNESS.

Engine Connexion : DIESEL: **KUBOTA V3307**

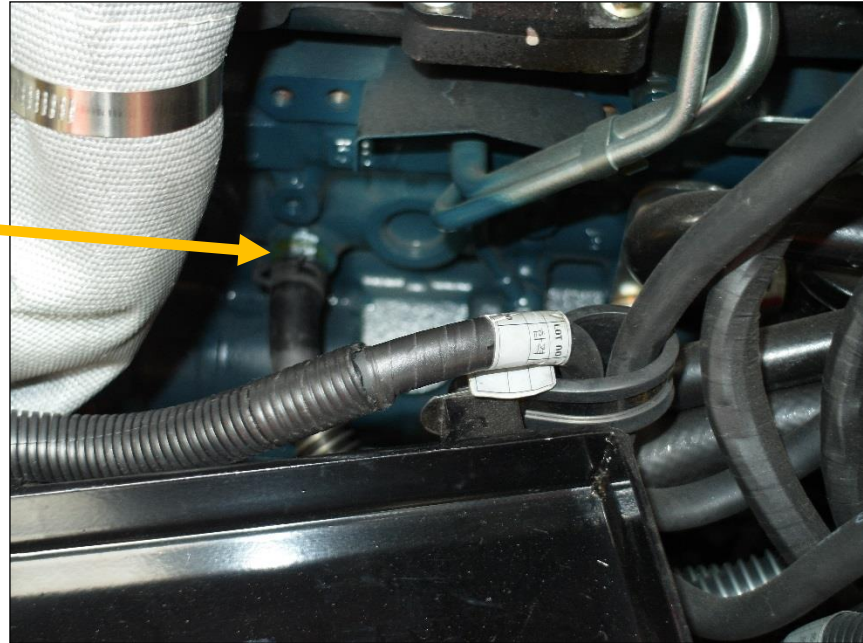
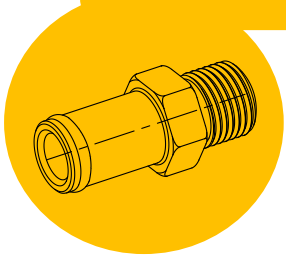


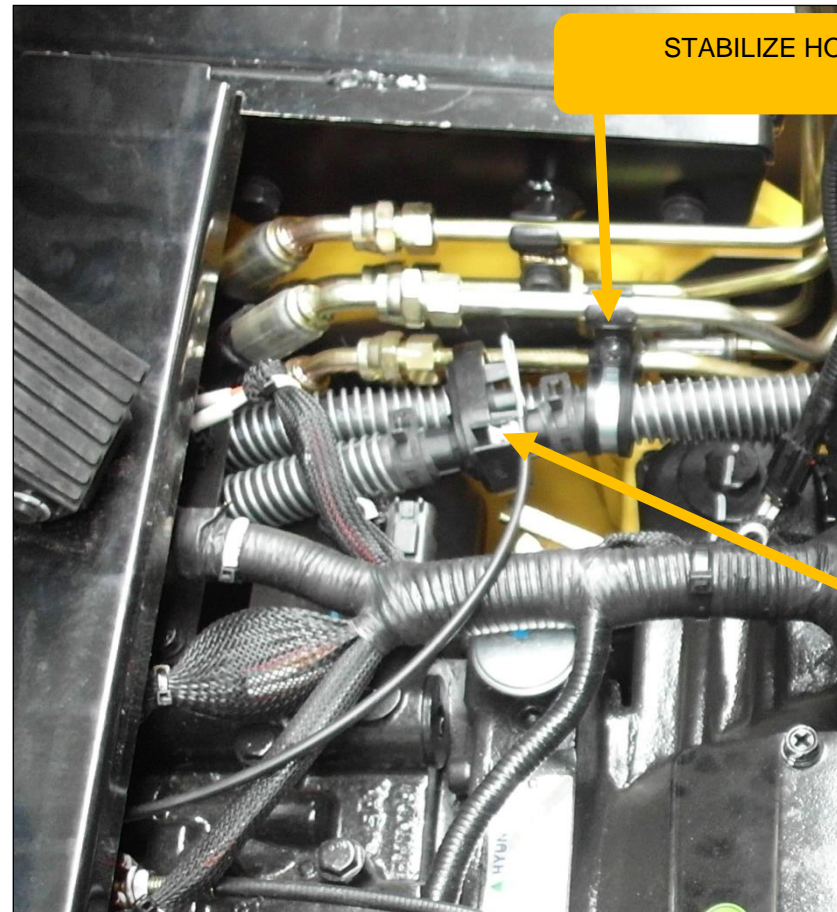


REMOVE END CAP, ATTACH THE HEATER OUTLET HOSE.
REDUCTION G3/8. TIGHTEN HOSES USING BANDS

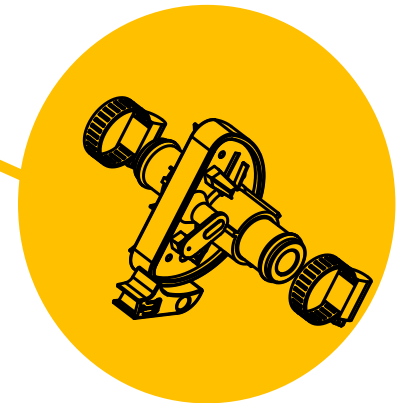


REMOVE END CAP, ATTACH THE HEATER INLET HOSE.
REDUCTION G3/8. TIGHTEN HOSES USING BANDS





STABILIZE HOSE USING RUBBER LINED CLAMP



DRAG THE HEATER HOSES INTO THE ENGINE COMPARTMENT.
PUT HOSES ON THE HEATER OUTLETS. TIGHTEN USING BANDS.
PROTECT THE WATER HOSES USING SPRINGS.
ASSEMBLE THE VALVE UNDER THE FLOOR IN THE STABLE POSITION.

NOTE: PAY ATTENTION TO THE FLOW DIRECTION INDICATED ON THE VALVE