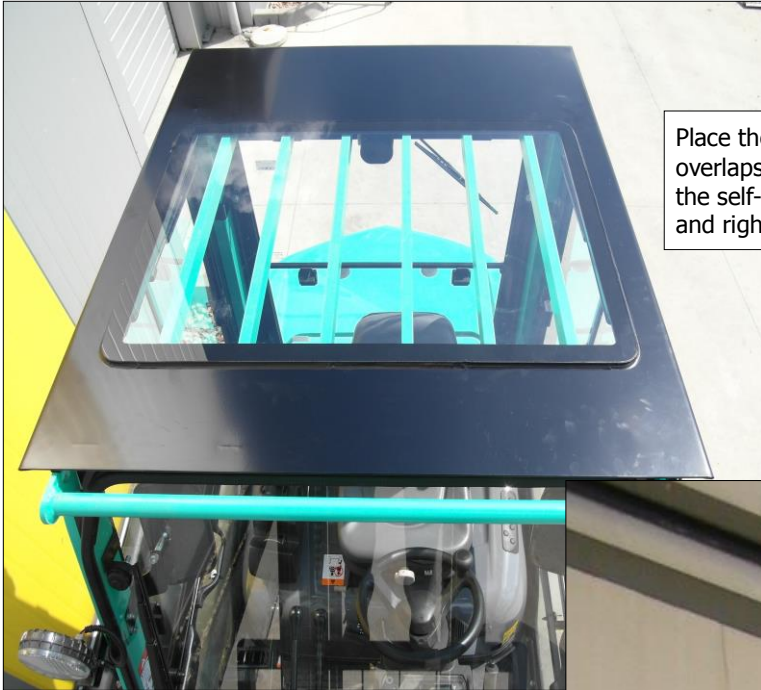


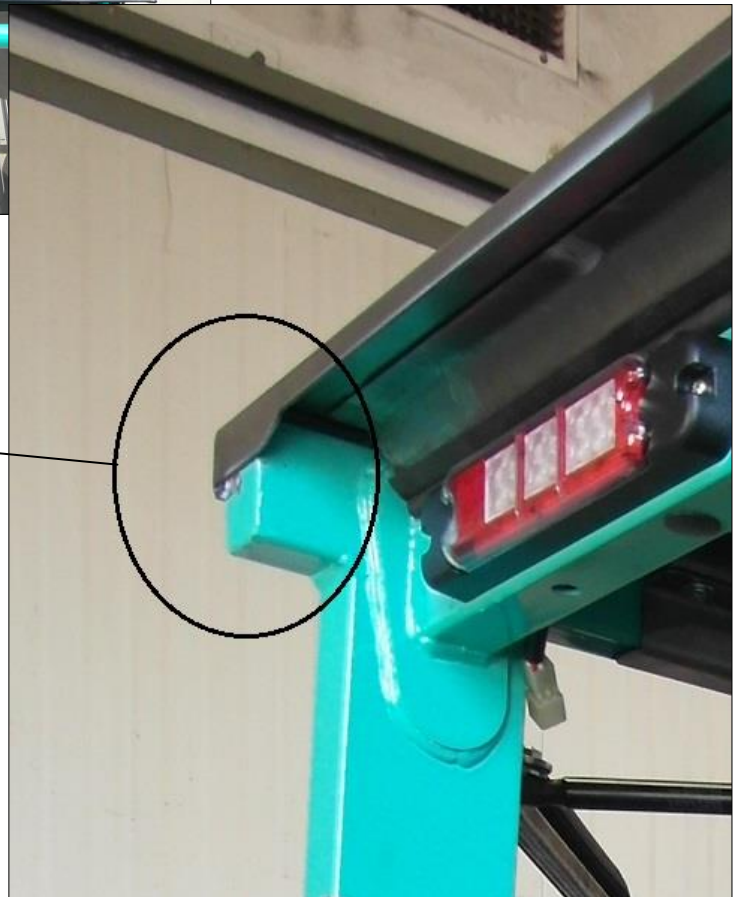
Assembly instructions for cab of forklift
CATERPILLAR/MITSUBISHI
FD/FG-DP/GP 15-35 NTD

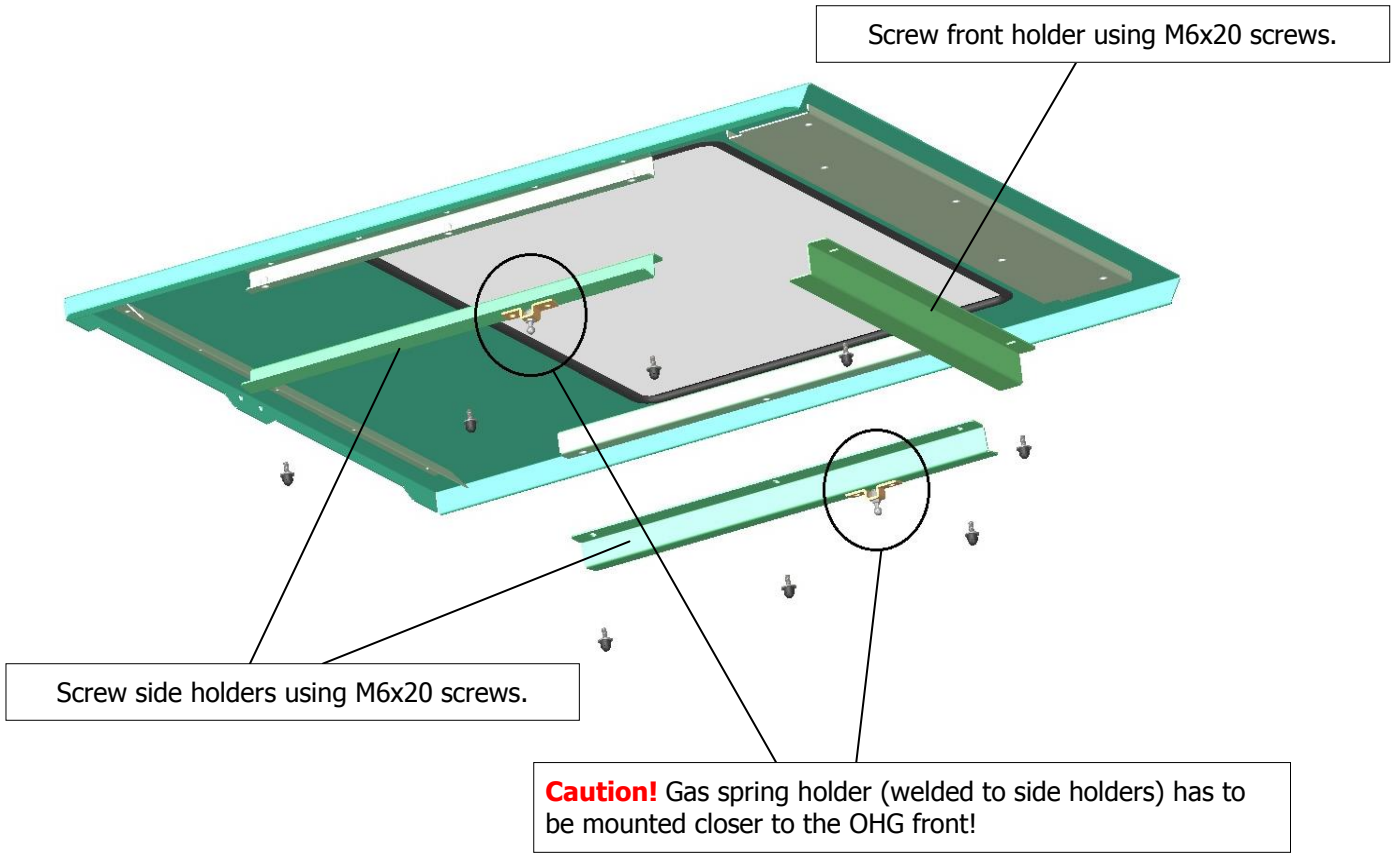
1. Assembly of the roof.



Place the roof on such way that the roof overlaps evenly left and right side. Before stick the self-adhesive seal on top OHG profiles left and right.

Push the roof towards the front of the forklift to liquidate the gap between roof edge and rear part of the roof profiles.



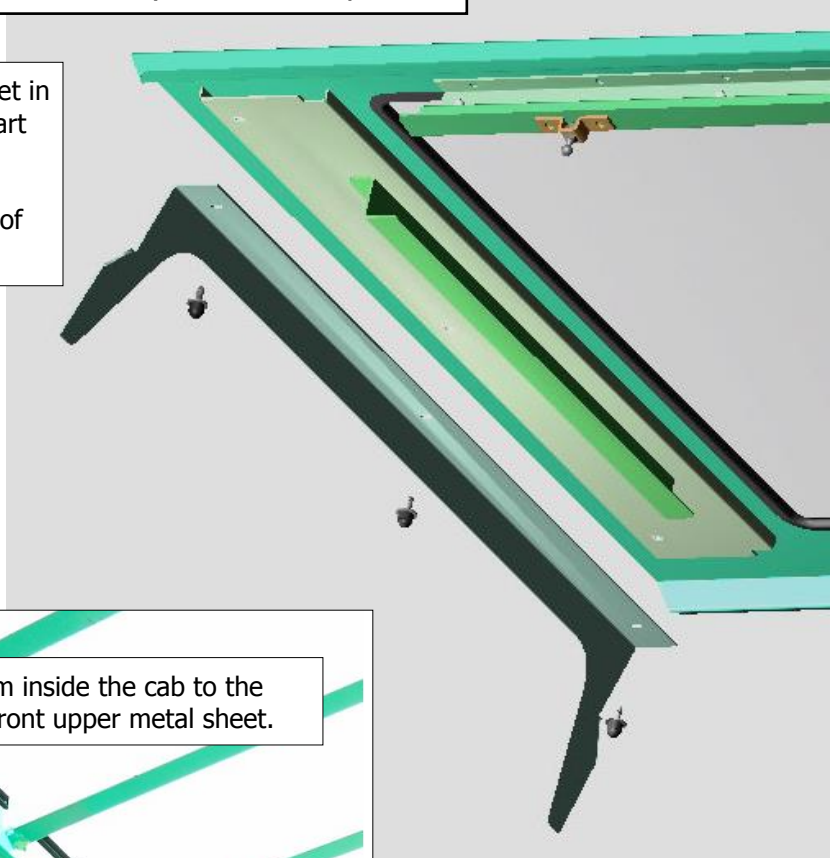


Seal roof corners using silicone.



2. Assembly of the front panel.

Put and set upper front sheet in such a way that the lower part of the upper front sheet is coplanar with front OHG profiles. Screw it with the roof using M6x20 screws.



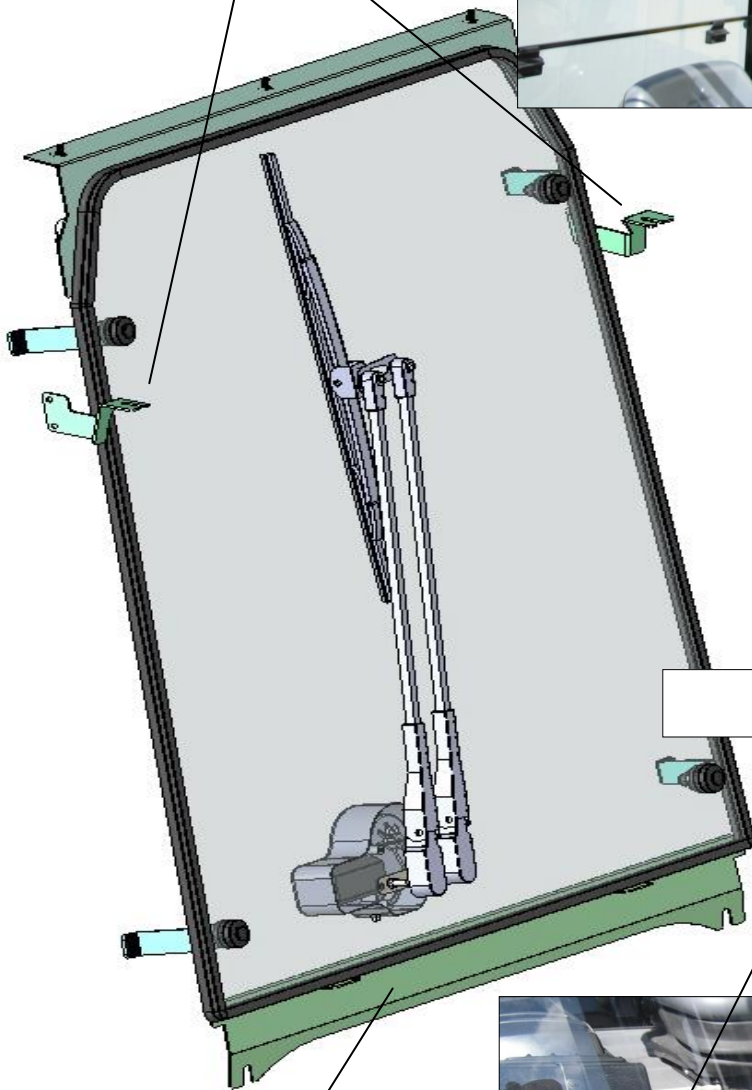
View from inside the cab to the screwed front upper metal sheet.



If there are doors included in the assembly set replace mirrors (right to the left). To do so unscrew original mirror holders and screw them right back on the inner side of the OHG profiles using original screws.

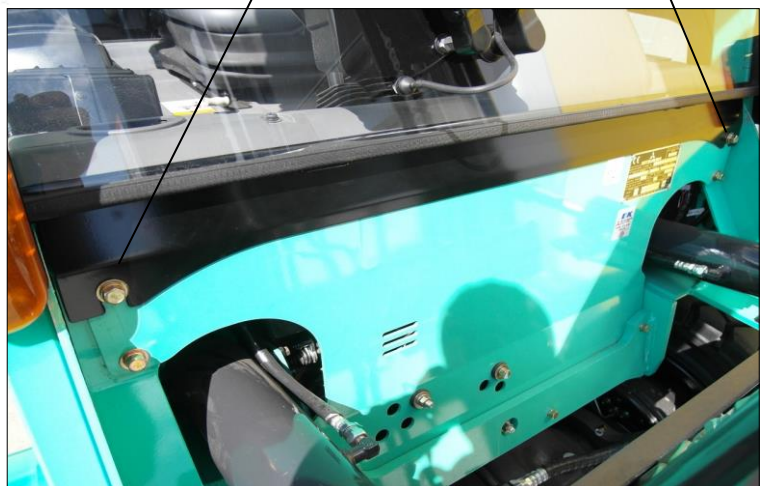


Unscrew original halogen holders and replace them with longer holders from assembly set



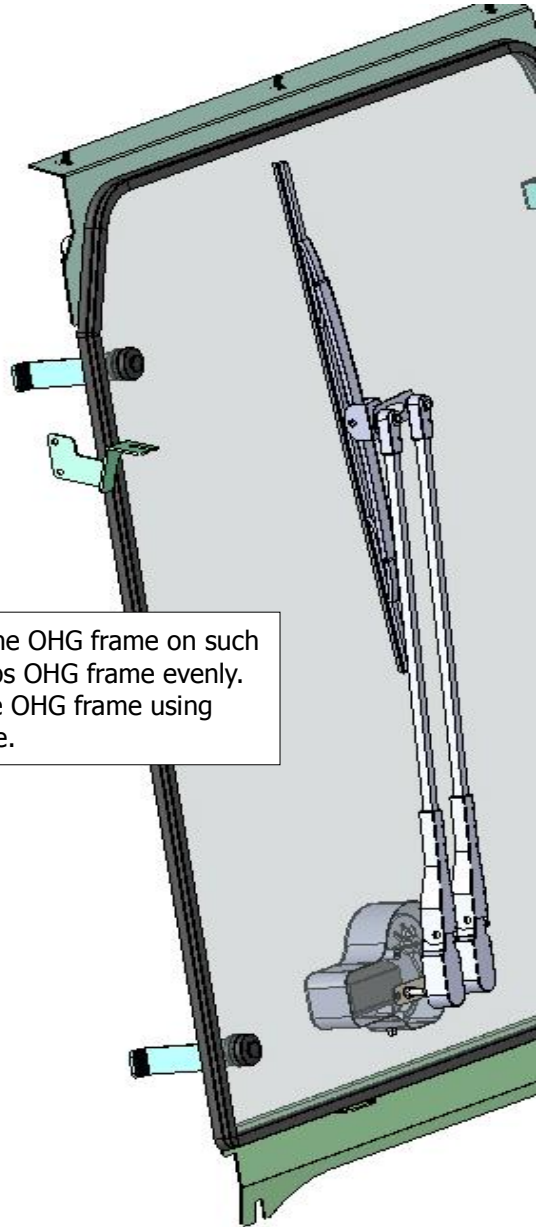
Loosen original screws and ...

... slide the lower front sheet underneath. Tighten the screws.





Put and set front glass/pane to the OHG frame on such way that the window seal overlaps OHG frame evenly. Screw the front glass/pane to the OHG frame using holders. Seal corners with silicone.



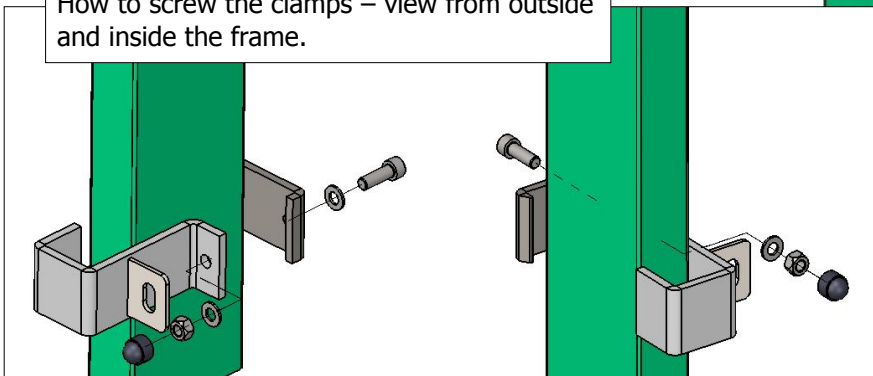
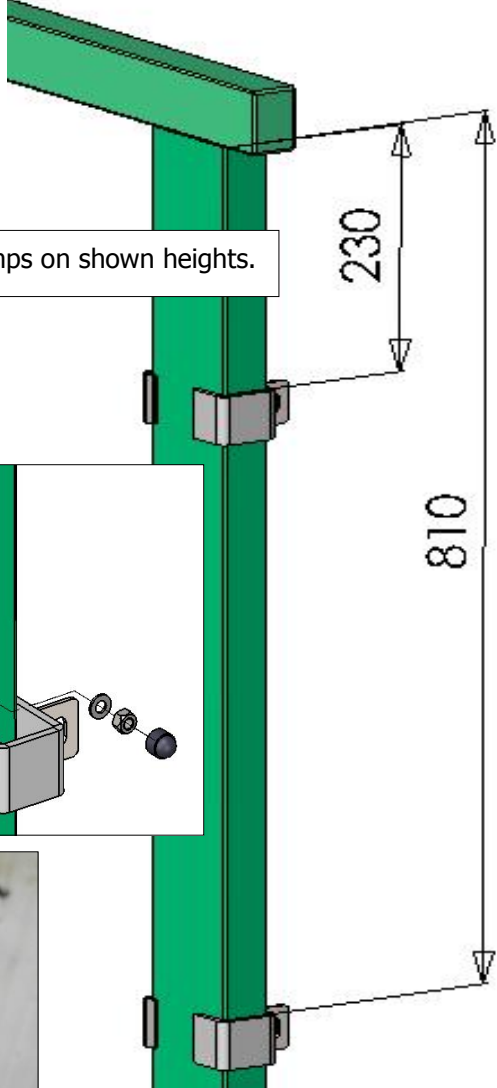
3. Assembly of the rear panel.



Remove ventilation grilles from right rear OHG profile.

Cut the upper ventilation grilles on such way that the ventilation grilles won't cover clamps

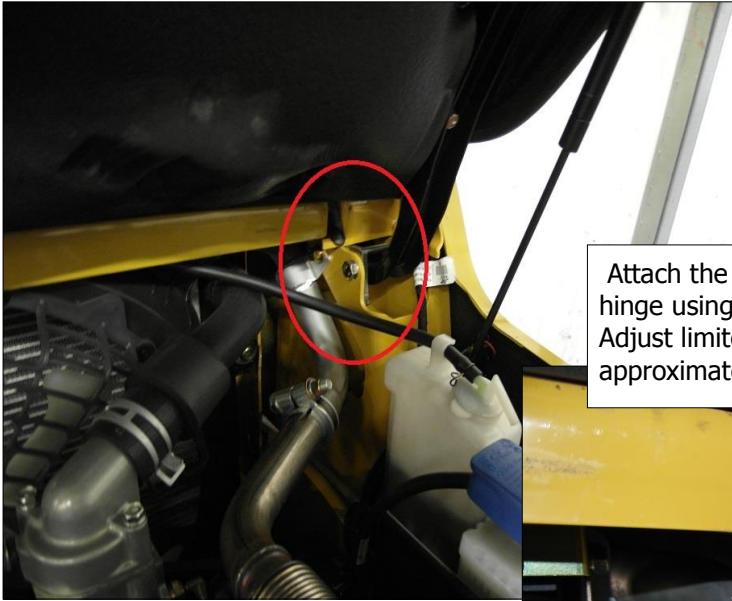
Screw strongly clamps on shown heights.



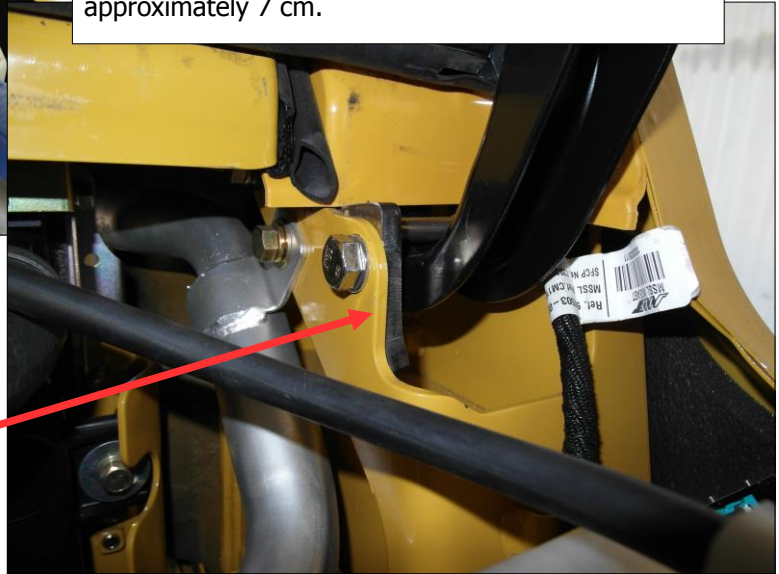
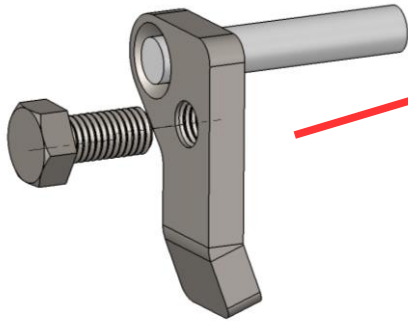
How to screw the clamps – view from outside and inside the frame.



Correctly mounted clamp.

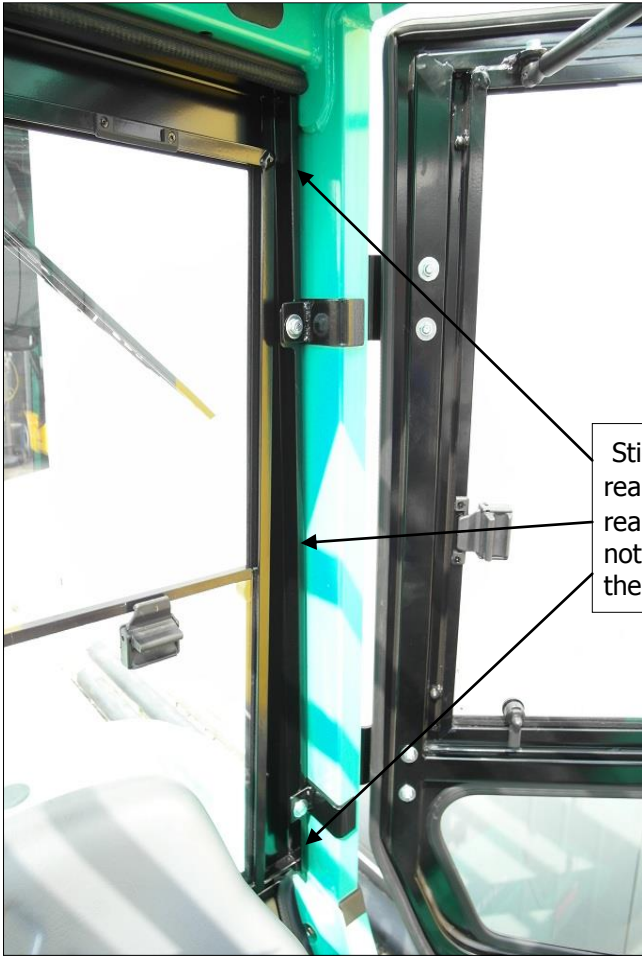


Attach the cover limiter next to the engine cover left hinge using original hole (in the circle on the photo). Adjust limiter position to reduce cover opening approximately 7 cm.



Position of engine cover before and after modification :



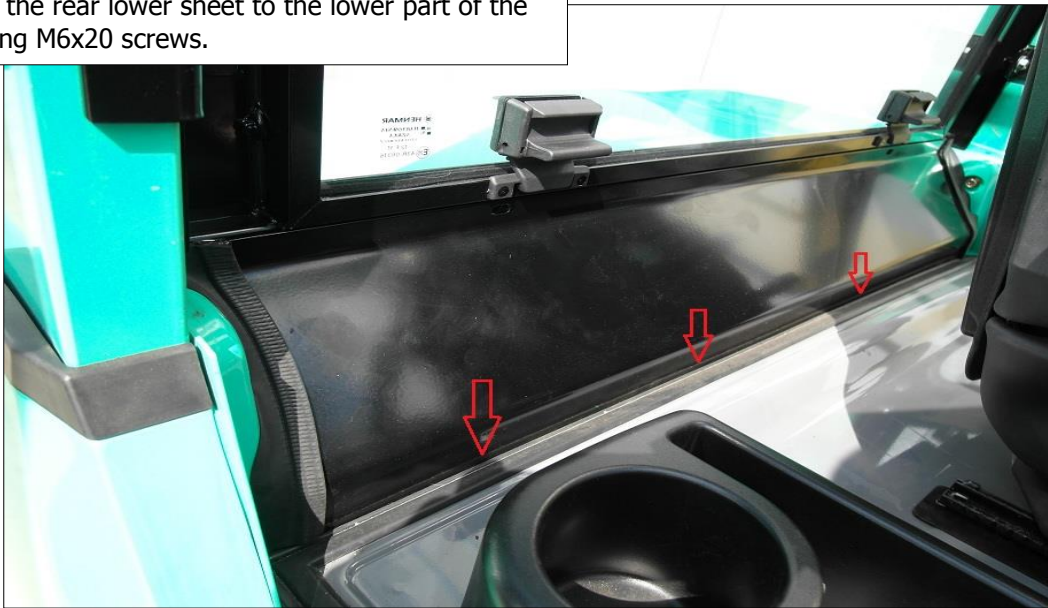


Stick the self-adhesive seal to the inner part of the rear OHG profiles (indicated by arrows) as close to the rear edge as possible. **Caution!** Cut the seal and do not stick them to the clamps! Screw the rear frame to the holders in the clamps .



Screw the handle with horn to the angle holder. Screw the angle bar with handle attached to the rear frame.

Slide the rear lower sheet into the gap between the engine cover and the forklift counterweight (marked by arrows on photo). Screw the rear lower sheet to the lower part of the rear frame using M6x20 screws.



Shapes of the rear frames can differ, but way of fixing is the same.

FD/FG15N, FD/FG18N, FD/FG20CN



FD/FG20N, FD/FG25N,
FD/FG30N, FD/FG35N

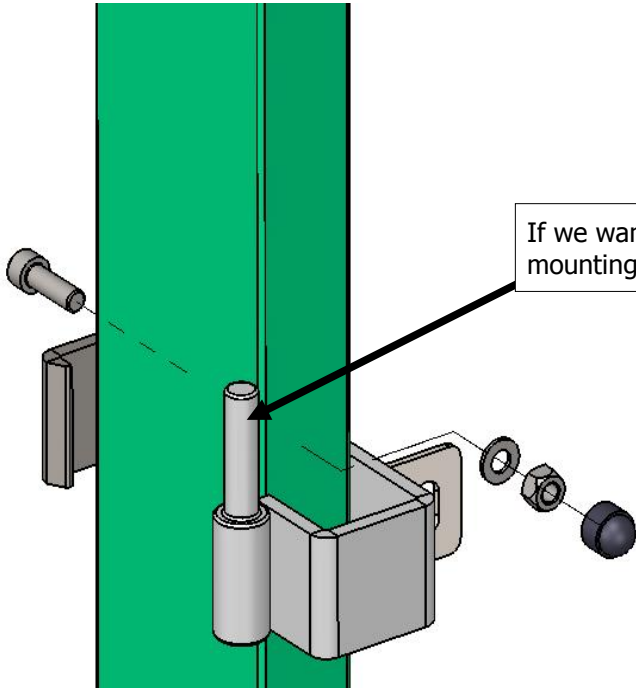


Screw the warning light holder into
original holes using M6x20 screws.

Screw the warning light and rear halogen
(if present) to the holder



4. Assembly of doors.

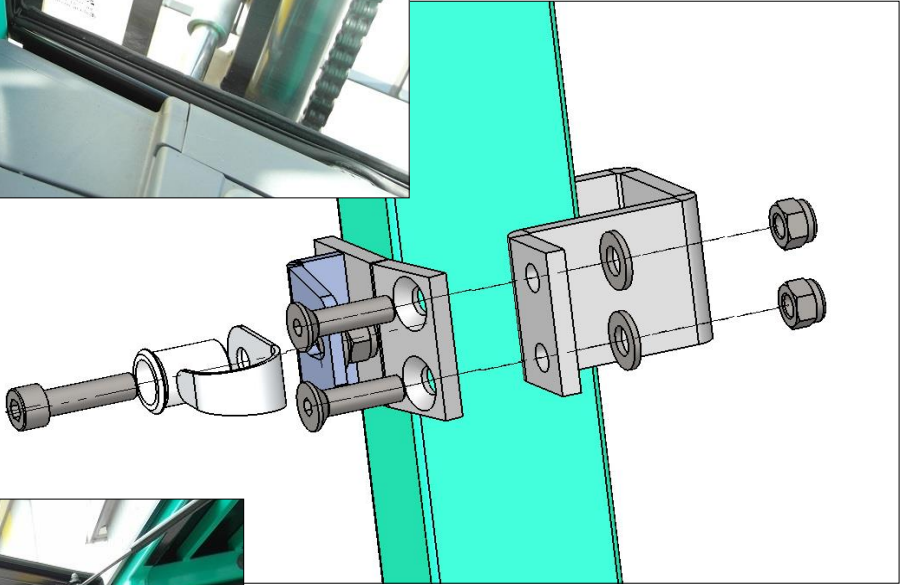


Attach and adjust the doors position (by moving them on the door screws) on such way that the gap between edge of doors (seal) and the inner part of the OHG frame was equal on every point.

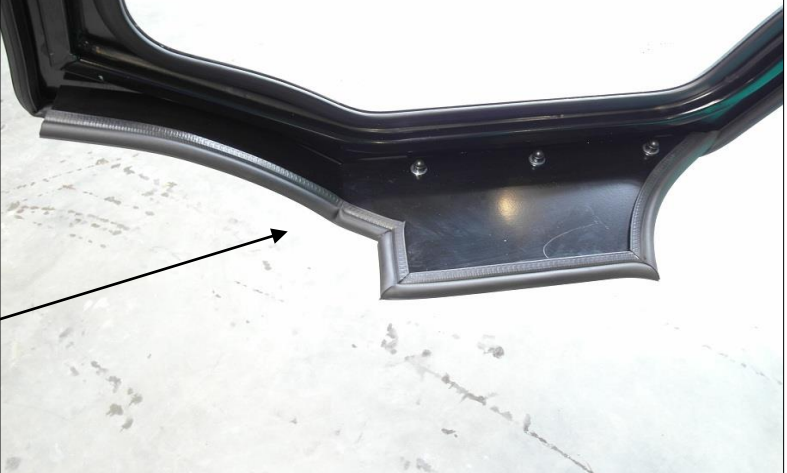




Attach clamps holding door locks. With the doors locked adjust door lock pin position.



With the doors locked adjust the floor position by sliding the floor on bean-shaped holes to reduce the gap.



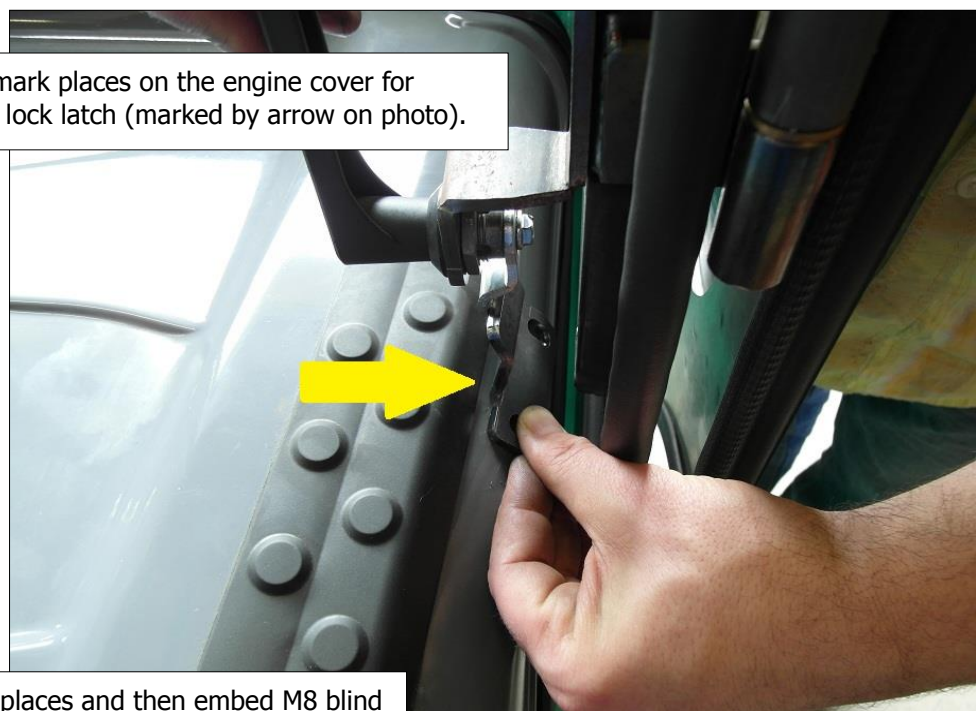
5. Assembly of the 2-section doors.

Proceed like with standard doors, in addition assemble floor and door latch.



Unscrew original screws (marked by arrows on photo), slide the floor under forklift floor and screw them right back.

With the doors locked, mark places on the engine cover for assembly holes for door lock latch (marked by arrow on photo).



Drill $\cdot 11$ holes in that places and then embed M8 blind rivet nuts. Screw the door lock latch with the cover using M8x20 screws.

5. Assembly of wipers.



1. Drill Ø22 hole in the upper front part of forklift dashboard beneath wiper mechanism assembly holes. Drag the electric harness and the sprinkler hose through.
2. Screw the wiper mechanism to the front glass/pane. Attach the arm and the blade.
3. Connect the electric harness to the wiper mechanism.
4. Attach the grommet to the front glass/pane and connect the sprinkler hose.

Screw the sprinkler tank holder to the original screw (marked arrows on photos). Attach electric harness and sprinkler hoses.

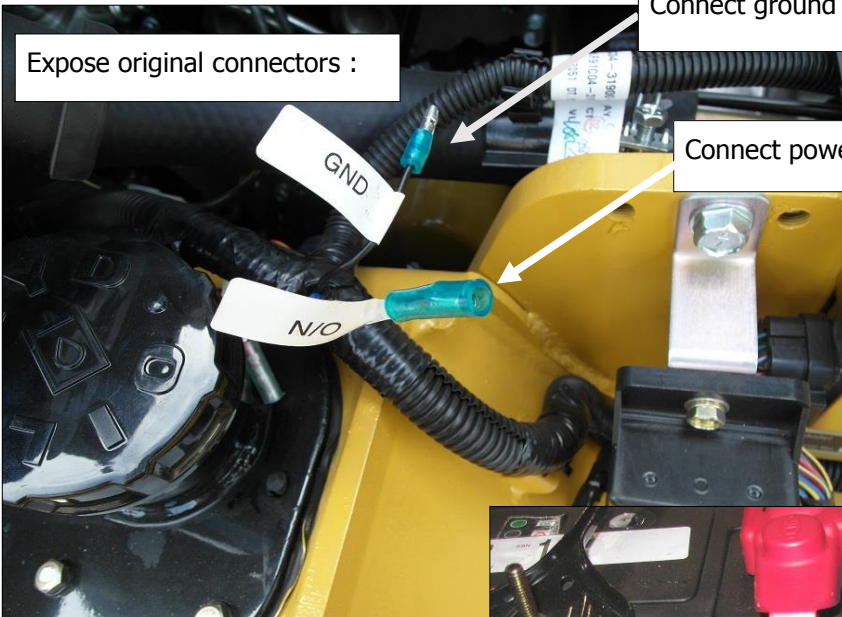


Screw the rear wiper mechanism to the rear frame.



Attach the arm and the blade. Connect electric harness to the wiper mechanism. Drag the rear wiper electric harness through the original hole placed in the rear OHG profile (over the wiper mechanism) to the original fuse box. Drag the sprinkler hose to the sprinkler tank.

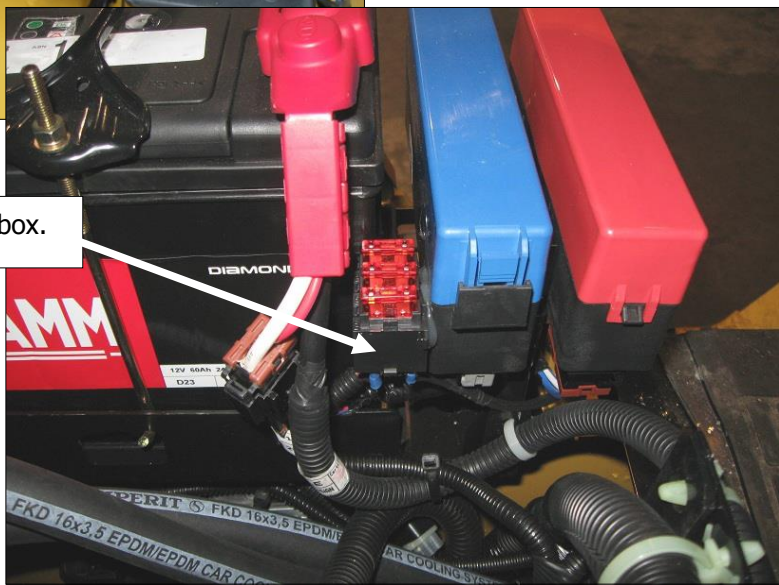
Expose original connectors :



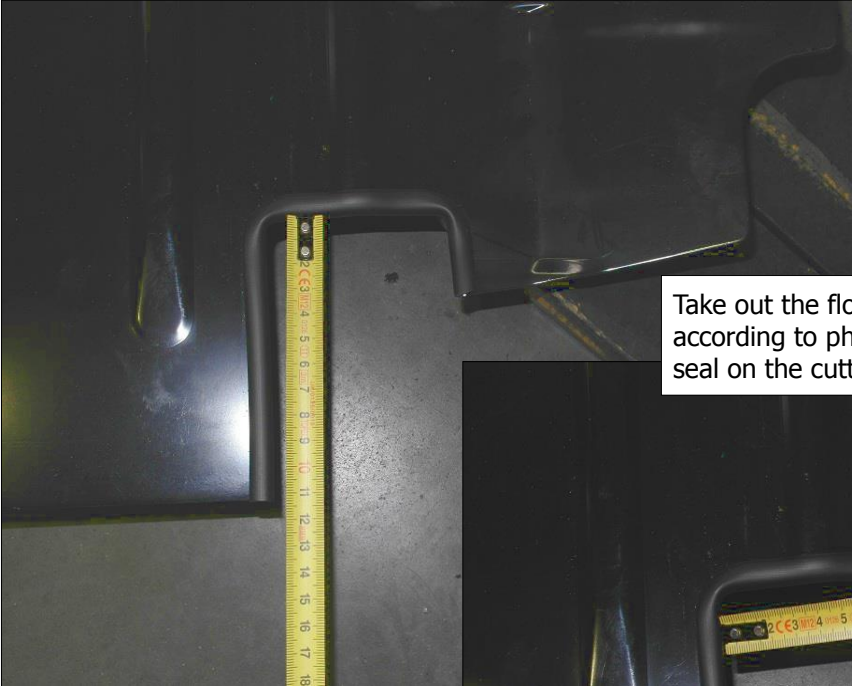
Connect ground wire to the connector

Connect power wire to connector

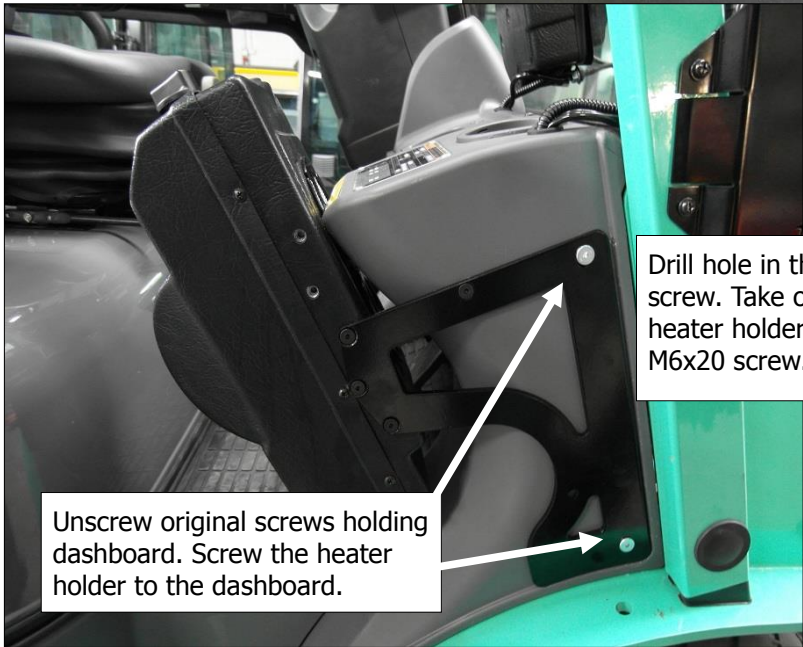
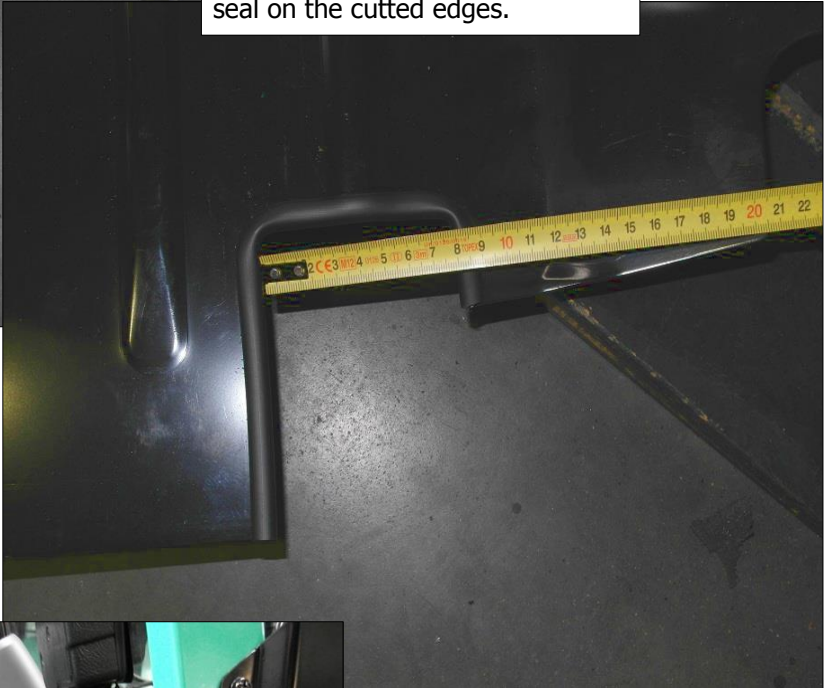
Glue the fuse box to the original fuse box.



7. Assembly of the heater.

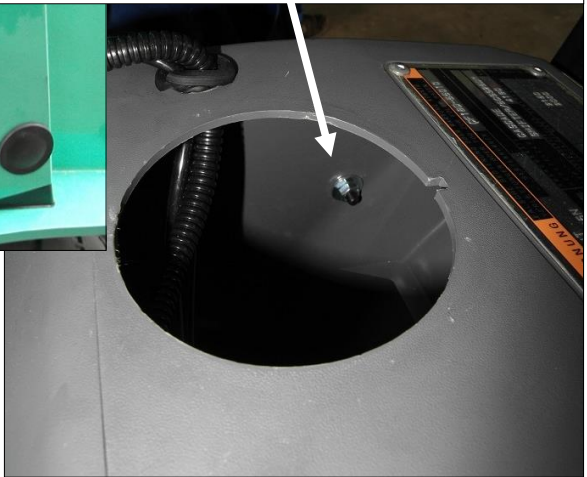


Take out the floor and cut it according to photos and put the seal on the cutted edges.



Unscrew original screws holding dashboard. Screw the heater holder to the dashboard.

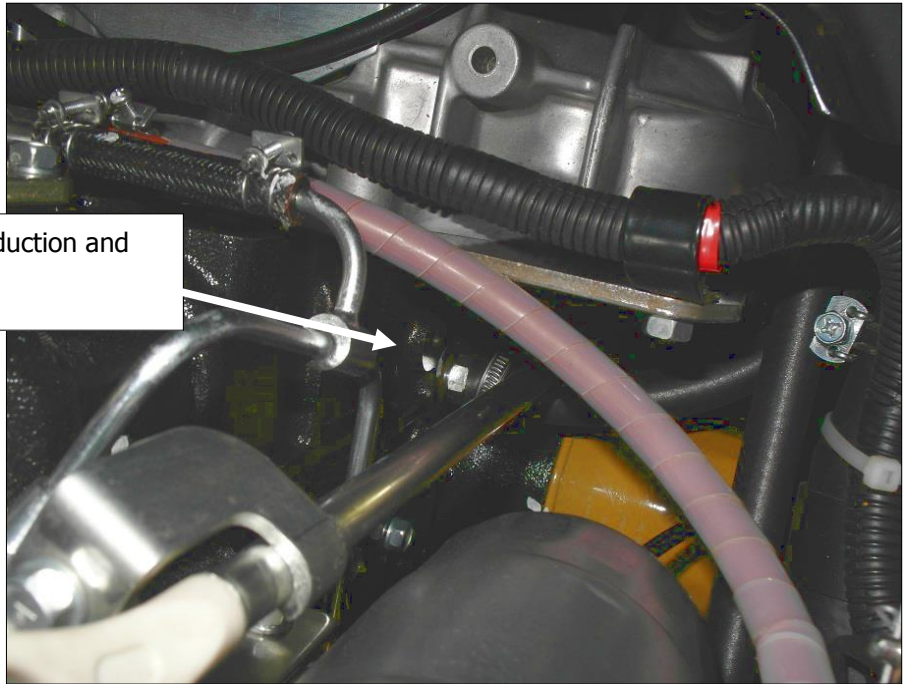
Drill hole in the dashboard for additional stabilising screw. Take off dashboard end cap. Screw the heater holder with the dashboard using M6x20 screw. Insert end cap right back.



Diesel engine

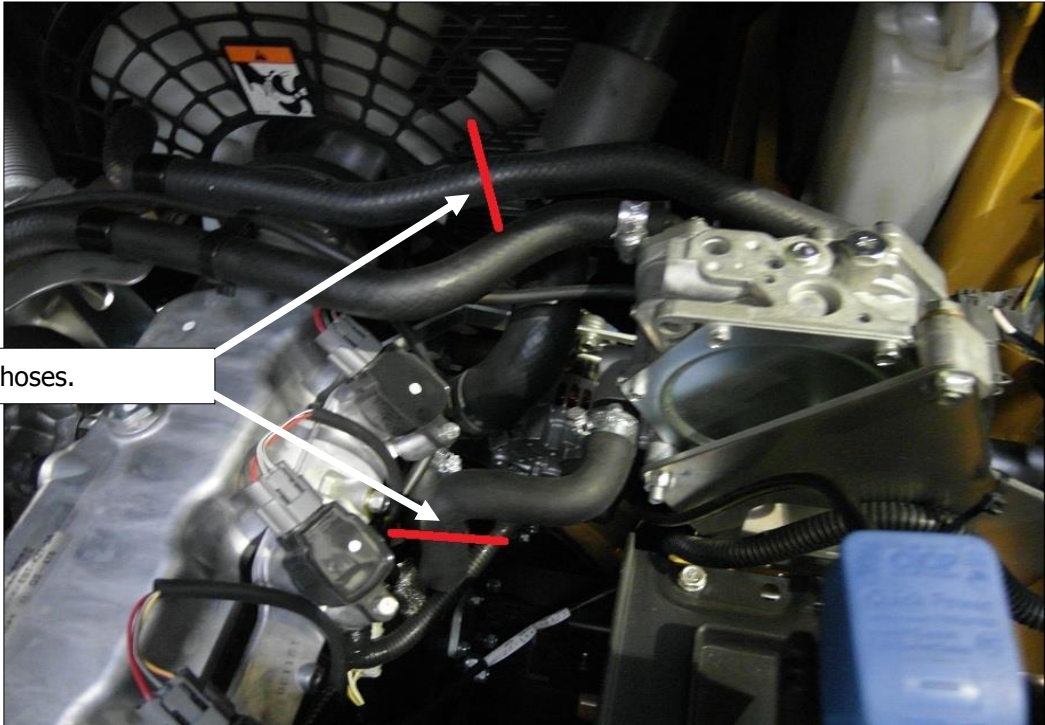


Remove end cap, match the reduction and connect heater outlet hose.



Remove end cap, match the reduction and connect heater inlet hose.

LPG engine

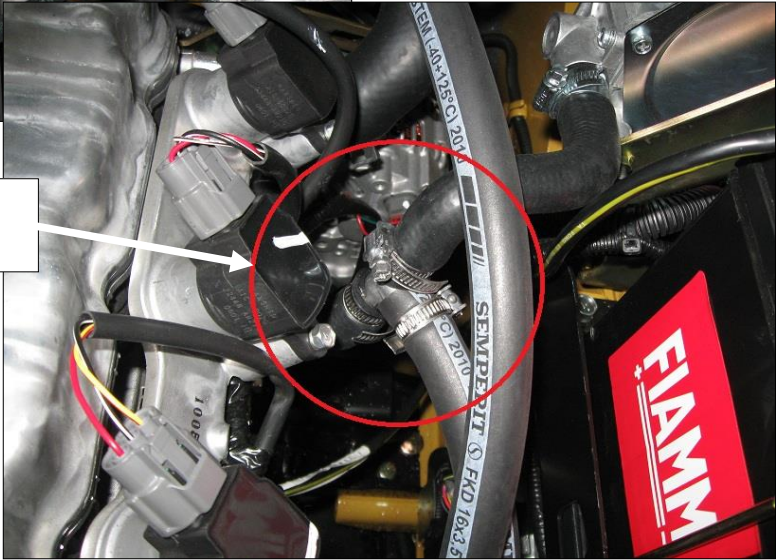


Cut the hoses.



Assembly T-pipe and attach heater inlet hose.

Assembly T-pipe and attach heater outlet hose.



8. Assembly of the cylinder cover.



1. Stick velcros to the front plate of the forklift
2. Attach the cover on the cylinder.
3. Fasten to cylinder using screw clamp.
4. Attach the cover to the velcros.

9. Electric diagrams.

